Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006299.D
Acq On : 07 Jul 2016 01:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

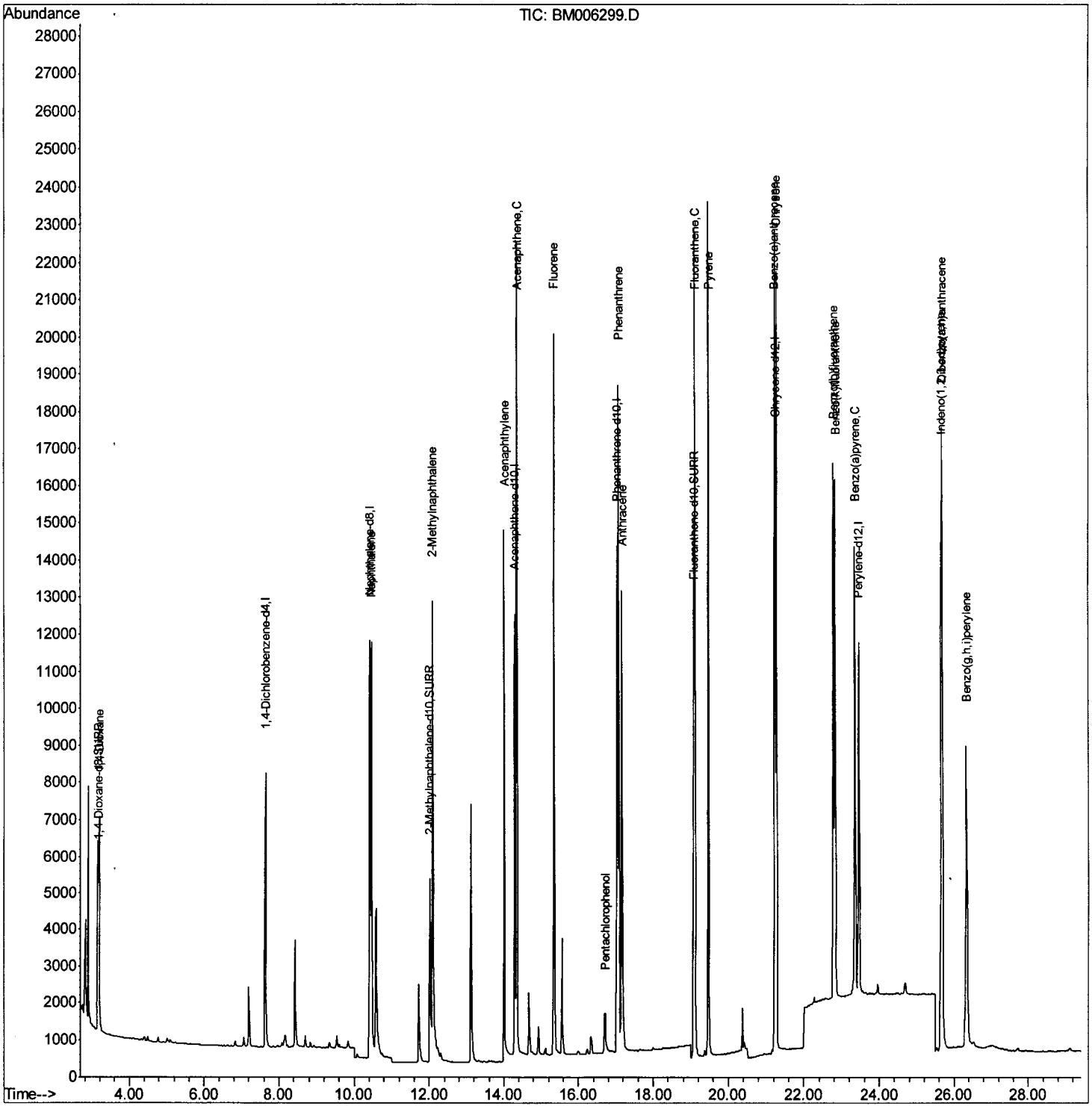
Quant Time: Jul 07 11:40:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.441

Manual Integrati

APPROVE

umangi
7/7/2016 6:05:29 PM



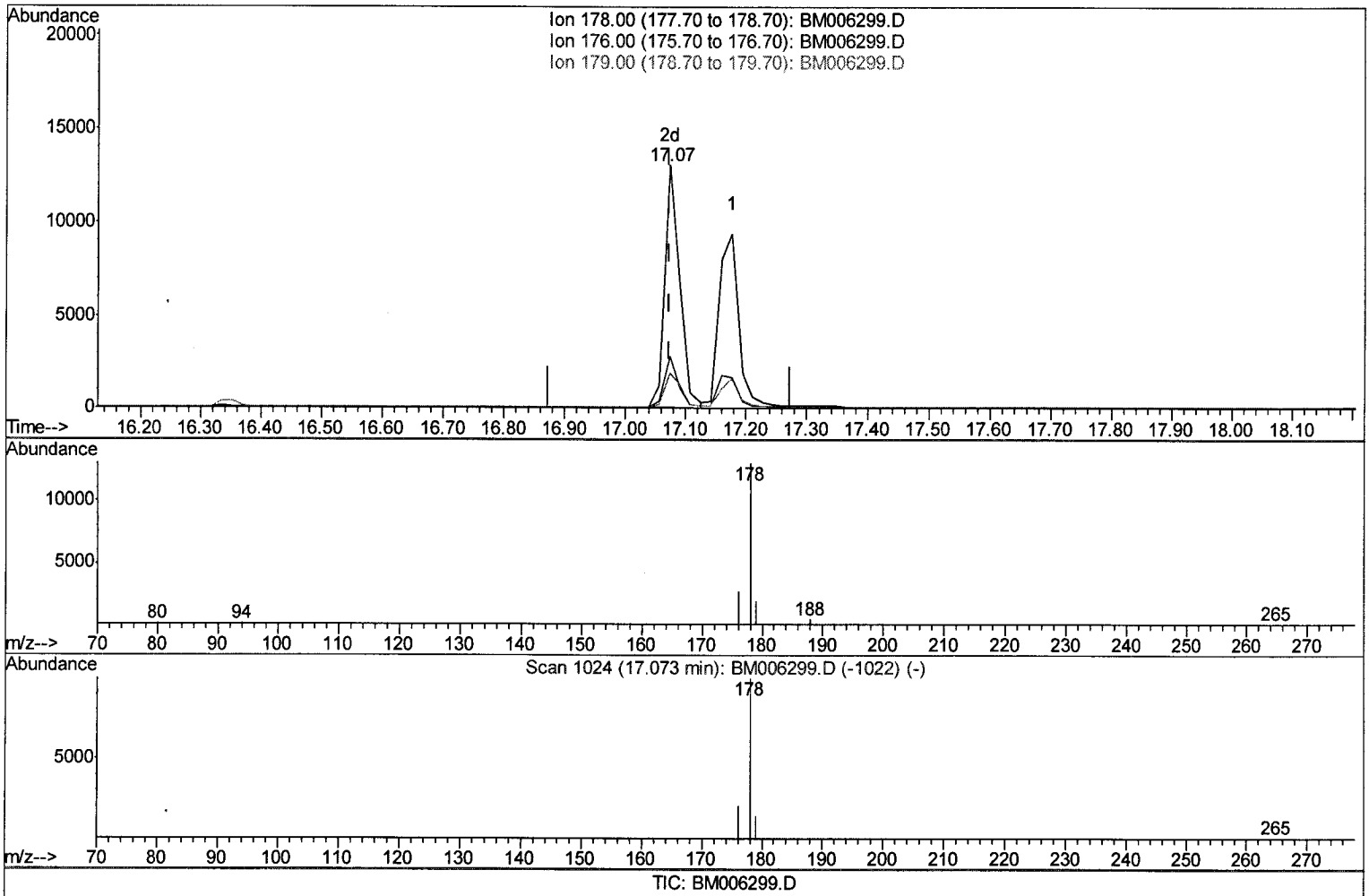
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006299.D
Acq On : 07 Jul 2016 01:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:39:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.441

Manual Integratio
APPROVE
umangi
7/7/2016 6:05:29 PM



TIC: BM006299.D

(14) Phenanthrene

17.073min (0.000) 0.45ng/ul m U.M 07/11/16

response 22343

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.17#
179.00	17.70	14.71
0.00	0.00	0.00

Quantitation Report (Qedit)

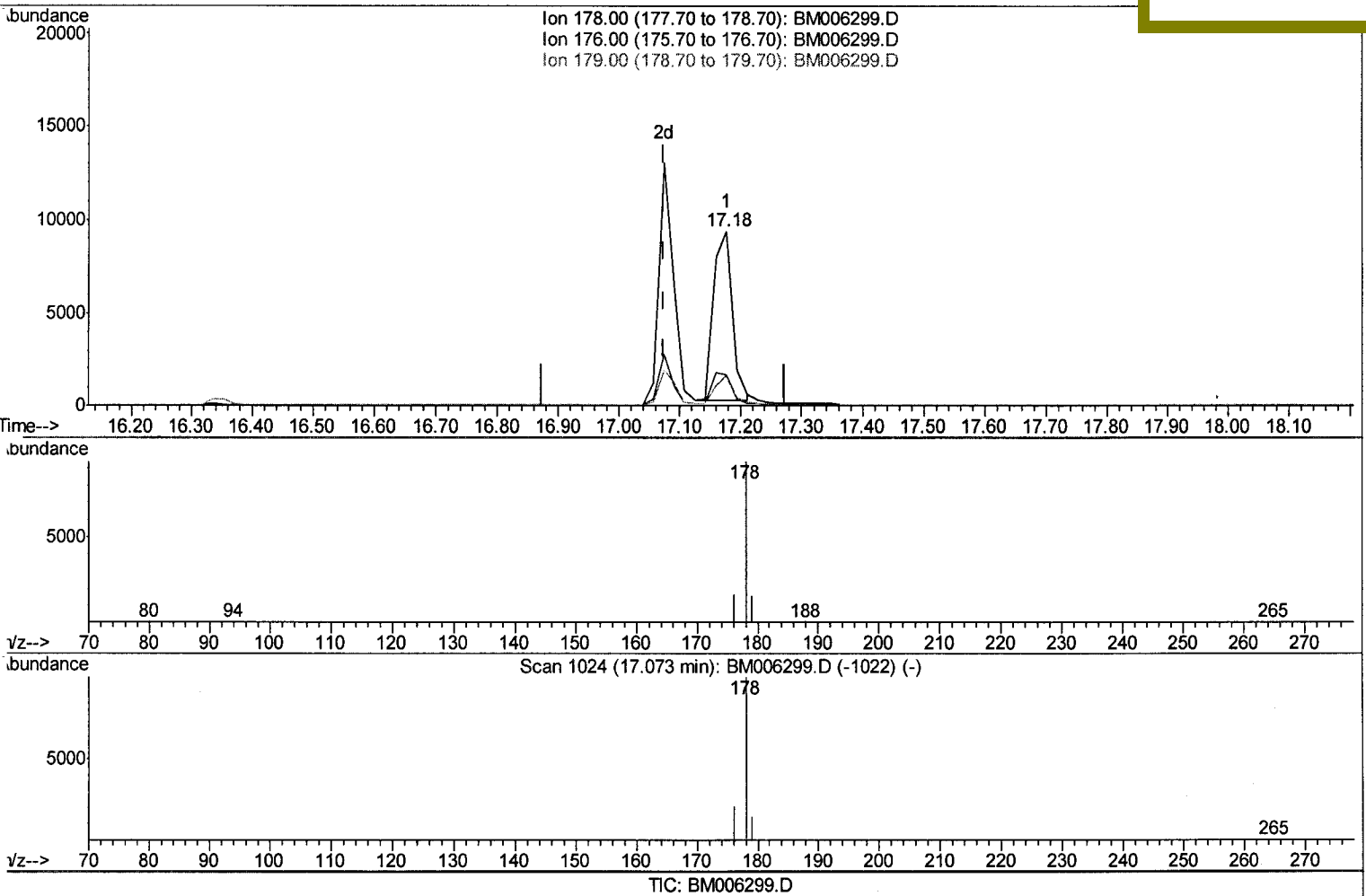
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006299.D
Acq On : 07 Jul 2016 01:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:39:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.441

Manual Integratio

umangi
7/7/2016 6:05:29 PM



TIC: BM006299.D

(14) Phenanthrene

17.176min (+0.103) 0.39ng/ul

response 19397

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.53
179.00	17.70	17.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006299.D
Acq On : 07 Jul 2016 01:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 11:40:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.441

Manual Integratio
APPROVE
umangi
7/7/2016 6:05:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4582	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17466	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9248	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	18114	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	13155	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12534	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	3992	2.06	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9229	0.45	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	17110	0.45	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.20	88	5226	2.09	ng/ul#	1
5) Naphthalene	10.48	128	17733	0.44	ng/ul	98
7) 2-Methylnaphthalene	12.09	142	12198	0.45	ng/ul	98
9) Acenaphthylene	14.01	152	13351	0.43	ng/ul	93
10) Acenaphthene	14.35	153	13573	0.44	ng/ul	89
11) Fluorene	15.34	166	15065	0.43	ng/ul	83
13) Pentachlorophenol	16.71	266	1374	0.49	ng/ul	96
14) Phenanthrene	17.07	178	22343m	0.45	ng/ul	
15) Anthracene	17.18	178	20824	0.45	ng/ul	99
17) Fluoranthene	19.11	202	24466	0.44	ng/ul	97
19) Pyrene	19.47	202	22983	0.42	ng/ul	97
20) Benzo(a)anthracene	21.22	228	19551	0.46	ng/ul	94
21) Chrysene	21.27	228	18298	0.44	ng/ul	93
23) Benzo(b)fluoranthene	22.78	252	19187	0.43	ng/ul	97
24) Benzo(k)fluoranthene	22.83	252	17916	0.43	ng/ul	98
25) Benzo(a)pyrene	23.35	252	18201	0.44	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.66	276	20899	0.45	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.67	278	16622	0.46	ng/ul	99
28) Benzo(g,h,i)perylene	26.34	276	17679	0.45	ng/ul	95

U.M 07/11/16

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