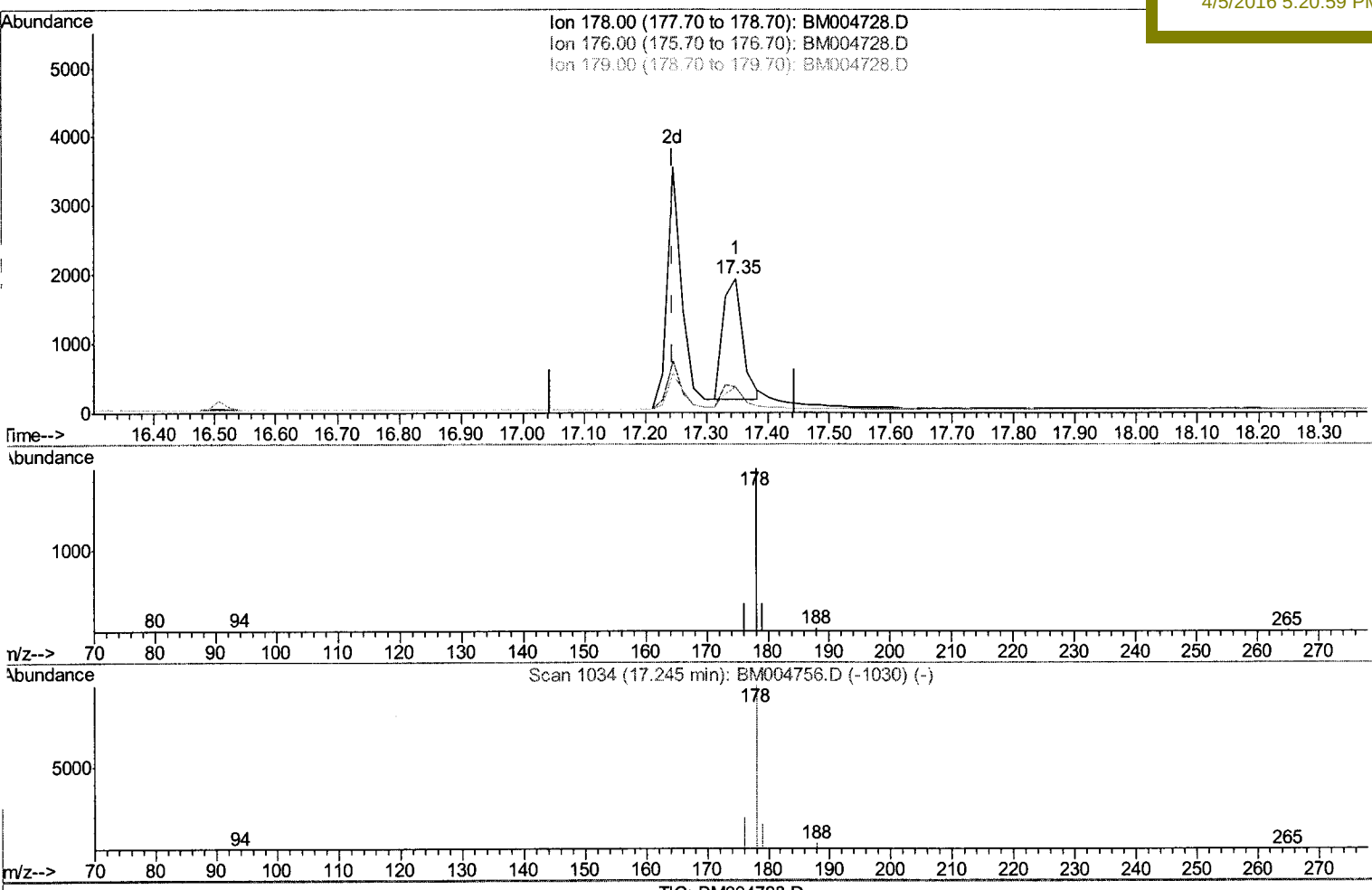
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032216\
Data File : BM004728.D
Acq On : 22 Mar 2016 14:17
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 05 16:03:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 15:47:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.463

Manual Integrations APPROVED
Sohil
4/5/2016 5:20:59 PM



TIC: BM004728.D

(14) Phenanthrene

17.348min (+0.103) 0.25ng/ul

response 3850

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.31
179.00	17.70	18.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032216\
Data File : BM004728.D
Acq On : 22 Mar 2016 14:17
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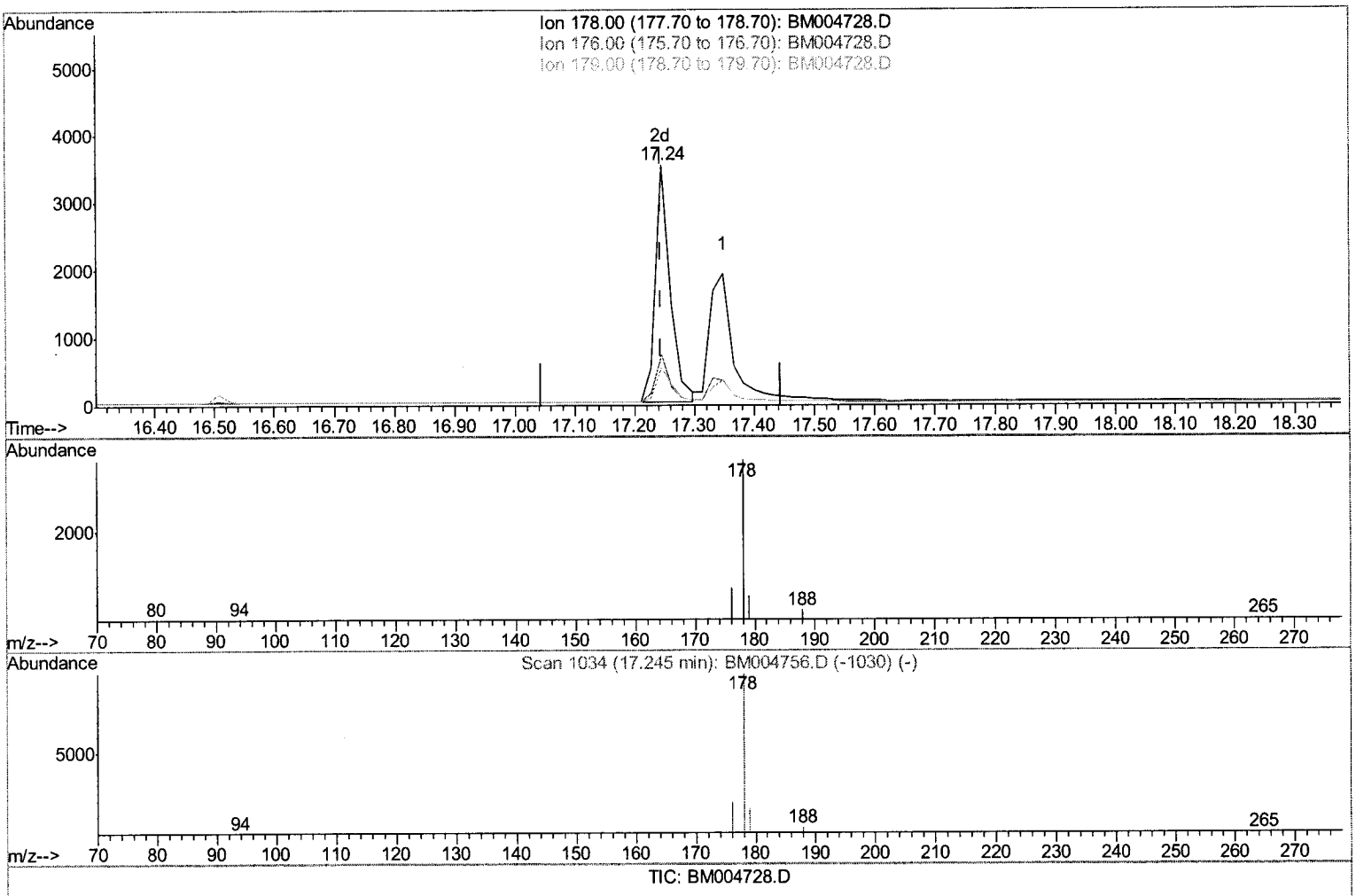
Manual Integrations APPROVED
Sohil
4/5/2016 5:20:59 PM



TIC: BM004728.D

(14) Phenanthrene

17.245min (+0.000) 0.40ng/ul m

response 6081

U.M. 03/25/2016

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.84#
179.00	17.70	16.06
0.00	0.00	0.00

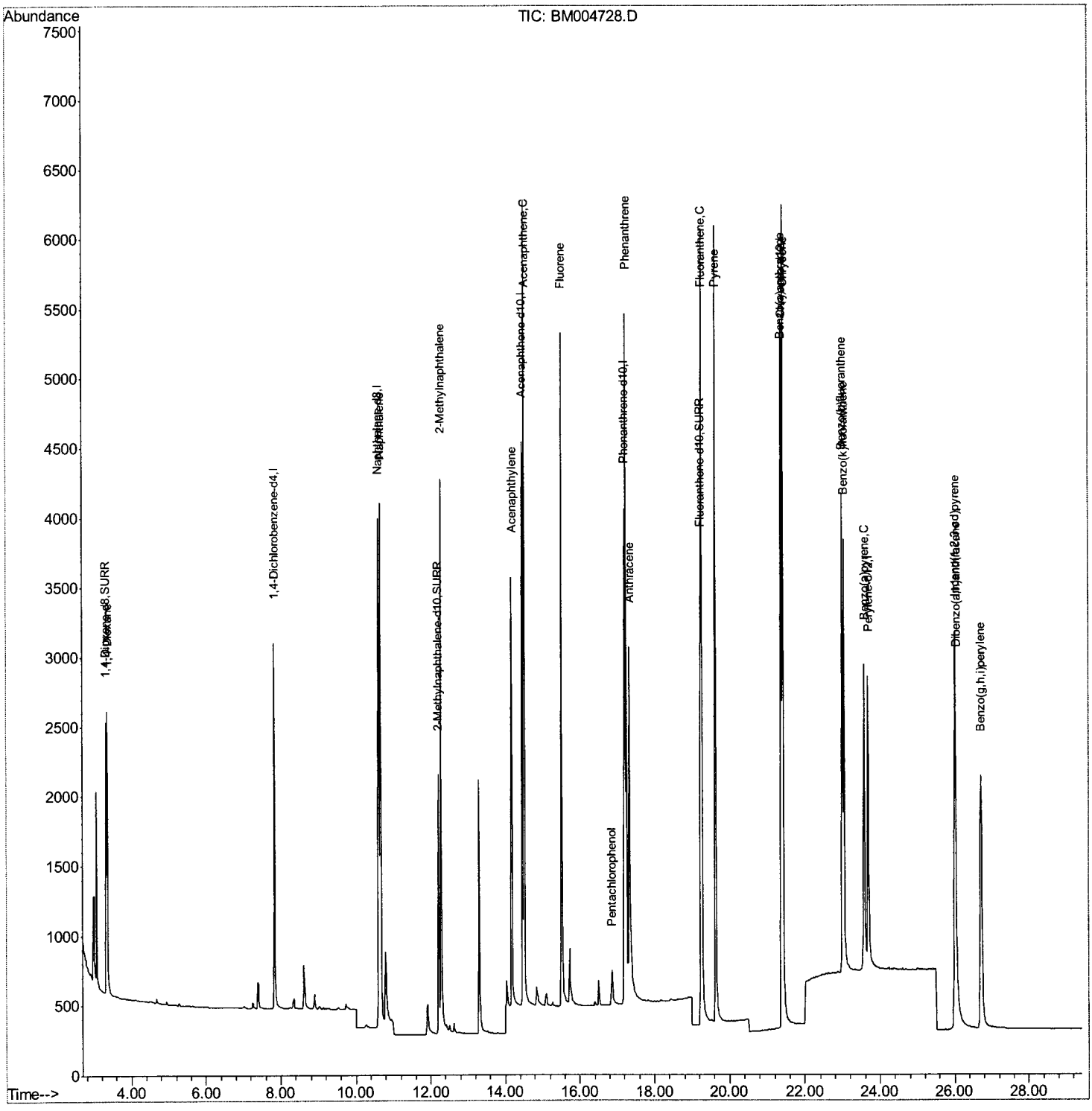
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032216\
Data File : BM004728.D
Acq On : 22 Mar 2016 14:17
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 05 16:05:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 15:47:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.463

Manual Integrations APPROVED
Sohil
4/5/2016 5:20:59 PM



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032216\
Data File : BM004728.D
Acq On : 22 Mar 2016 14:17
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 05 16:05:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 15:47:13 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.463

Manual Integrations APPROVED
Sohil
4/5/2016 5:20:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1499	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5868	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2663	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5476	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	4306	0.40	ng/ul	-0.01
22) Perylene-d12	23.69	264	3234	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1504	0.41	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2758	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4320	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1768	0.40	ng/ul#	19
5) Naphthalene	10.67	128	5625	0.41	ng/ul#	96
7) 2-Methylnaphthalene	12.29	142	3593	0.41	ng/ul	99
9) Acenaphthylene	14.18	152	3986	0.41	ng/ul#	97
10) Acenaphthene	14.52	153	3590	0.41	ng/ul#	84
11) Fluorene	15.51	166	3741	0.40	ng/ul#	83
13) Pentachlorophenol	16.87	266	257	0.35	ng/ul	93
14) Phenanthrene	17.24	178	6081m	0.40	ng/ul	
15) Anthracene	17.35	178	4676	0.38	ng/ul	95
17) Fluoranthene	19.27	202	6072	0.39	ng/ul	94
19) Pyrene	19.63	202	6180	0.41	ng/ul	97
20) Benzo(a)anthracene	21.38	228	4280	0.42	ng/ul#	94
21) Chrysene	21.43	228	5556	0.40	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	4673	0.40	ng/ul	94
24) Benzo(k)fluoranthene	23.03	252	4684	0.40	ng/ul#	93
25) Benzo(a)pyrene	23.59	252	3939	0.40	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	26.02	276	4344	0.41	ng/ul#	82
27) Dibenzo(a,h)anthracene	26.04	278	3382	0.41	ng/ul#	88
28) Benzo(g,h,i)perylene	26.71	276	4122	0.41	ng/ul#	88

U.M. 03/25/2016

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