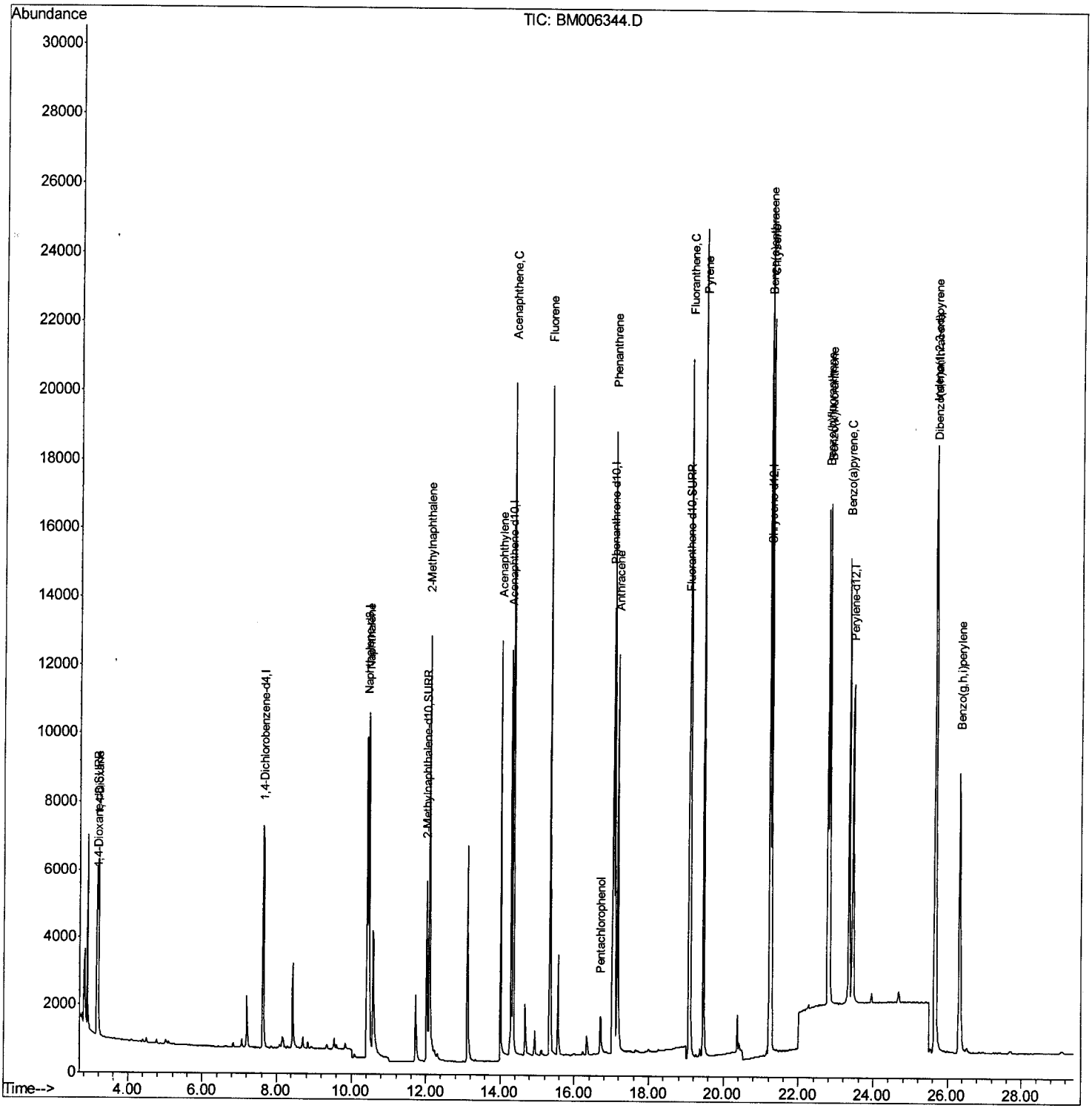
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006344.D
Acq On : 08 Jul 2016 06:44
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 08 08:58:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.446

Manual Integratio
APPROVE
umangi
7/8/2016 7:14:35 PM



Quantitation Report (Qedit)

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Data File : BM006344.D
Acq On : 08 Jul 2016 06:44
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 08 08:23:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
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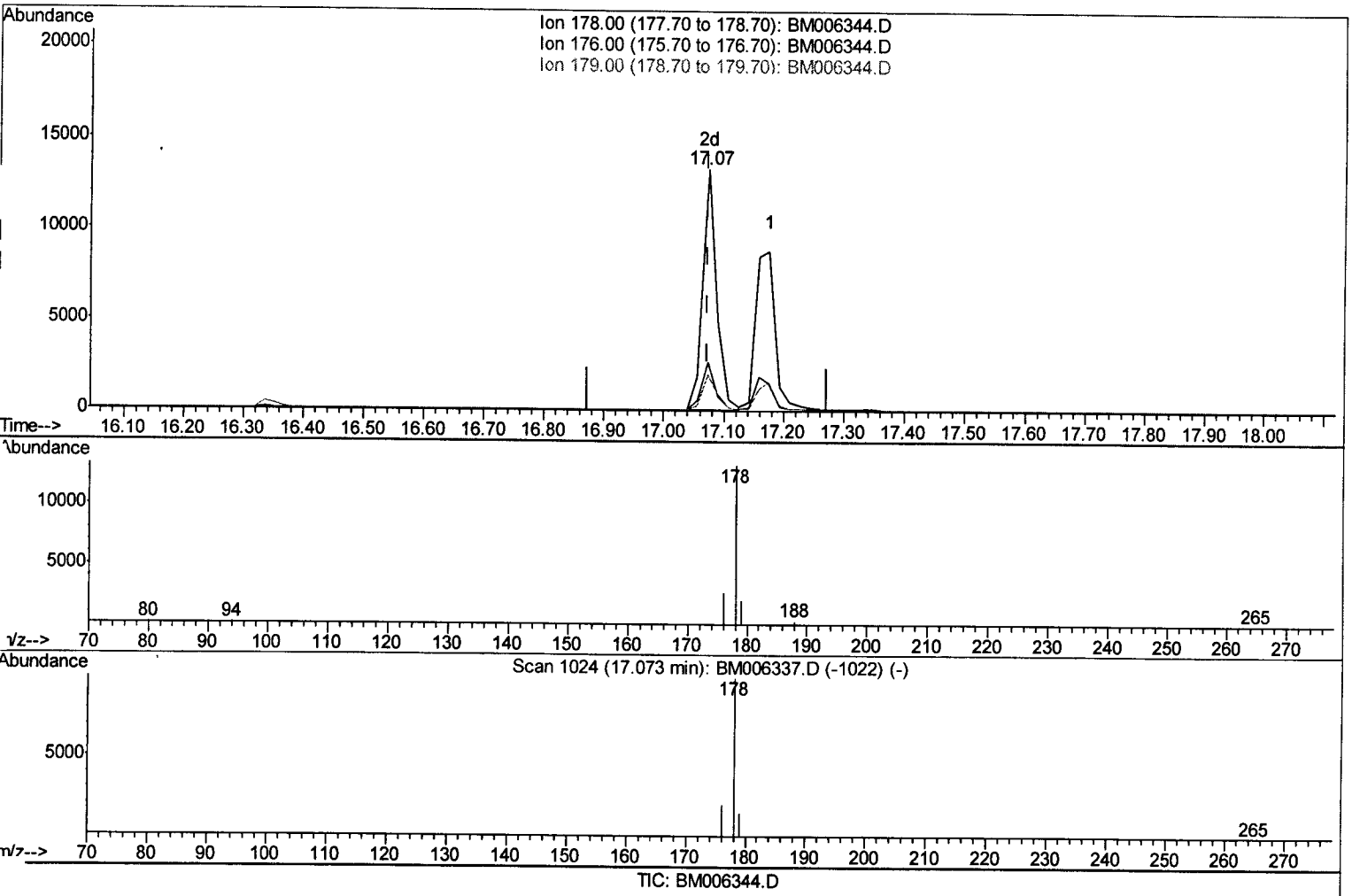

(14) Phenanthrene

17.073min (+0.000) 0.43ng/ul m U.M 07/13/16

response 21186

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.14#
179.00	17.70	15.22
0.00	0.00	0.00

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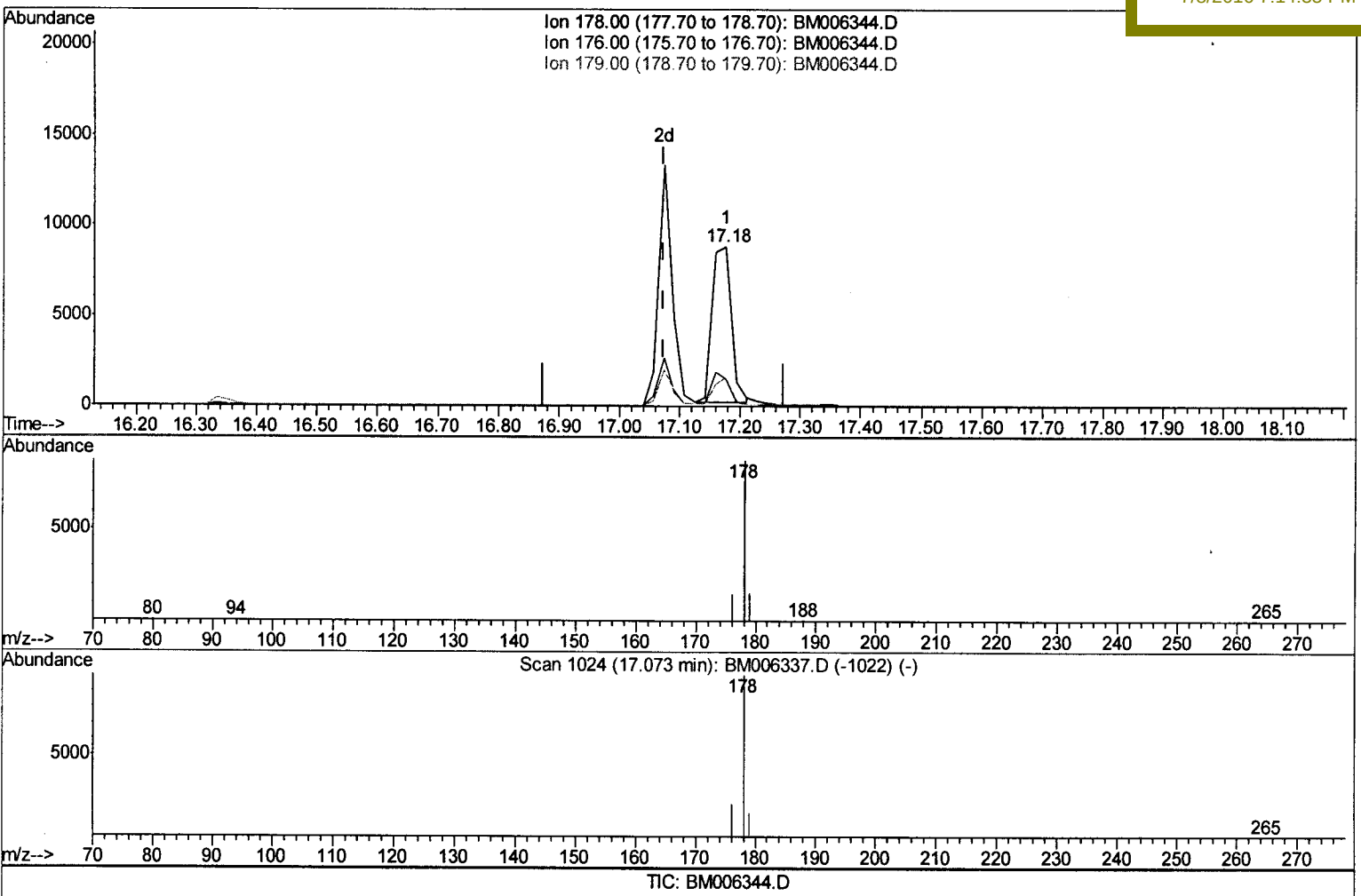
APPROVE
umangi
7/8/2016 7:14:35 PM



TIC: BM006344.D

(14) Phenanthrene

17.176min (+0.103) 0.38ng/ul

response 18876

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	16.95
179.00	17.70	17.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 08 08:58:18 2016
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Instrument : BNA_M
LabSampleId : SSTD0.446

Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4292	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	16210	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	8814	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	17782	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	13718	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	13142	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	3841	2.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	8573	0.45	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	17344	0.46	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.20	88	4849	2.07	ng/ul#	1
5) Naphthalene	10.46	128	16145	0.43	ng/ul	97
7) 2-Methylnaphthalene	12.09	142	11389	0.45	ng/ul	98
9) Acenaphthylene	14.01	152	12150	0.41	ng/ul	92
10) Acenaphthene	14.35	153	12664	0.43	ng/ul	92
11) Fluorene	15.34	166	14168	0.43	ng/ul	86
13) Pentachlorophenol	16.70	266	1300	0.47	ng/ul	96
14) Phenanthrene	17.07	178	21186m	0.43	ng/ul	
15) Anthracene	17.18	178	20099	0.44	ng/ul	97
17) Fluoranthene	19.11	202	24880	0.46	ng/ul	94
19) Pyrene	19.47	202	23946	0.42	ng/ul	95
20) Benzo(a)anthracene	21.22	228	20054	0.45	ng/ul	96
21) Chrysene	21.27	228	19779	0.45	ng/ul	97
23) Benzo(b)fluoranthene	22.78	252	21159	0.45	ng/ul	96
24) Benzo(k)fluoranthene	22.83	252	18194	0.42	ng/ul	99
25) Benzo(a)pyrene	23.35	252	19086	0.44	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.66	276	22335	0.46	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.67	278	17318	0.46	ng/ul	99
28) Benzo(g,h,i)perylene	26.34	276	18669	0.45	ng/ul	94

U.M 07/13/16

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