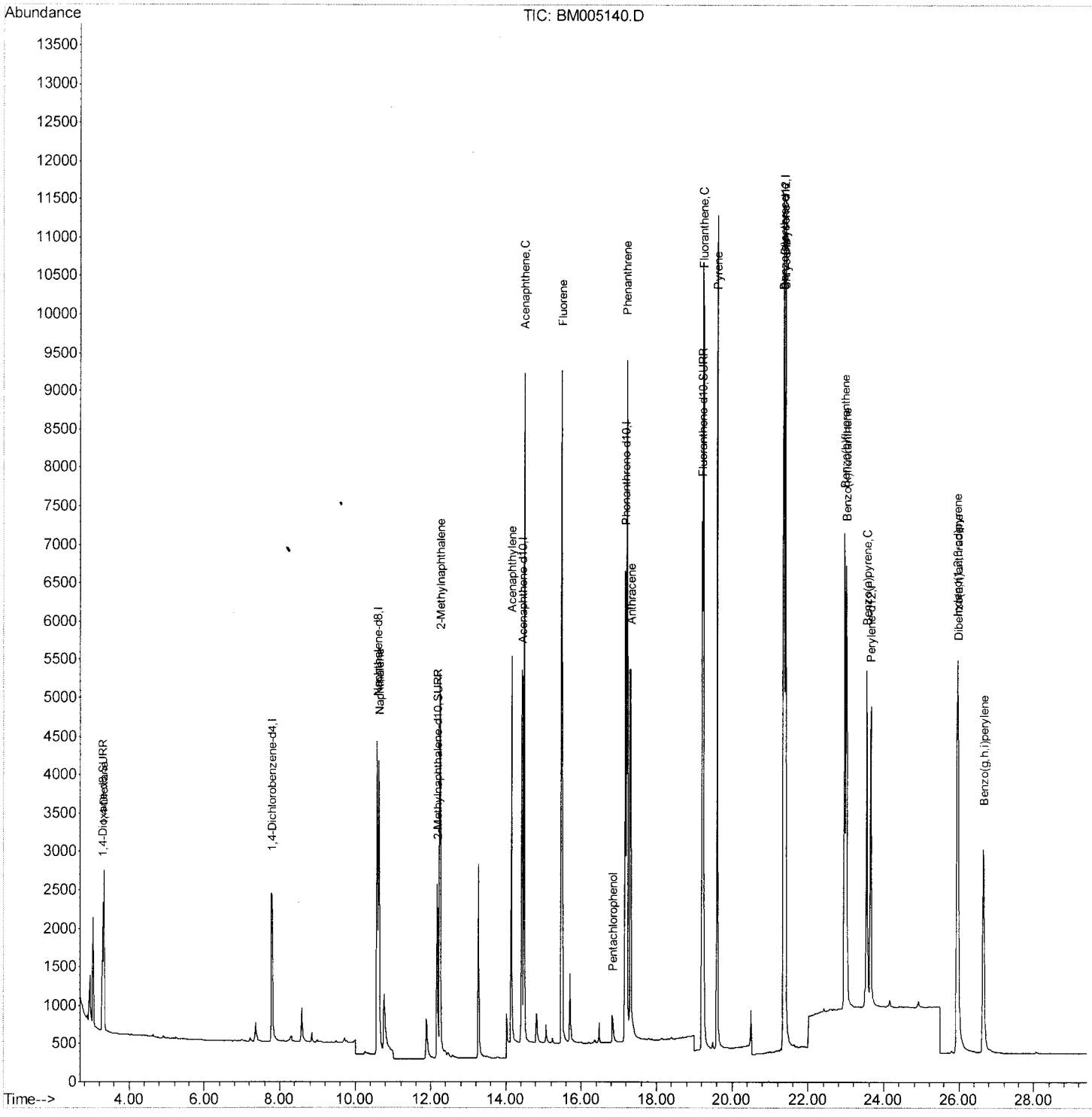
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042916\
Data File : BM005140.D
Acq On : 29 Apr 2016 13:27
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 14:11:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 29 13:46:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.453

Manual Integrations APPROVED
UMANGI
4/29/2016 4:51:17 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042916\
Data File : BM005140.D
Acq On : 29 Apr 2016 13:27
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 14:10:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 29 13:46:03 2016
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BNA_M
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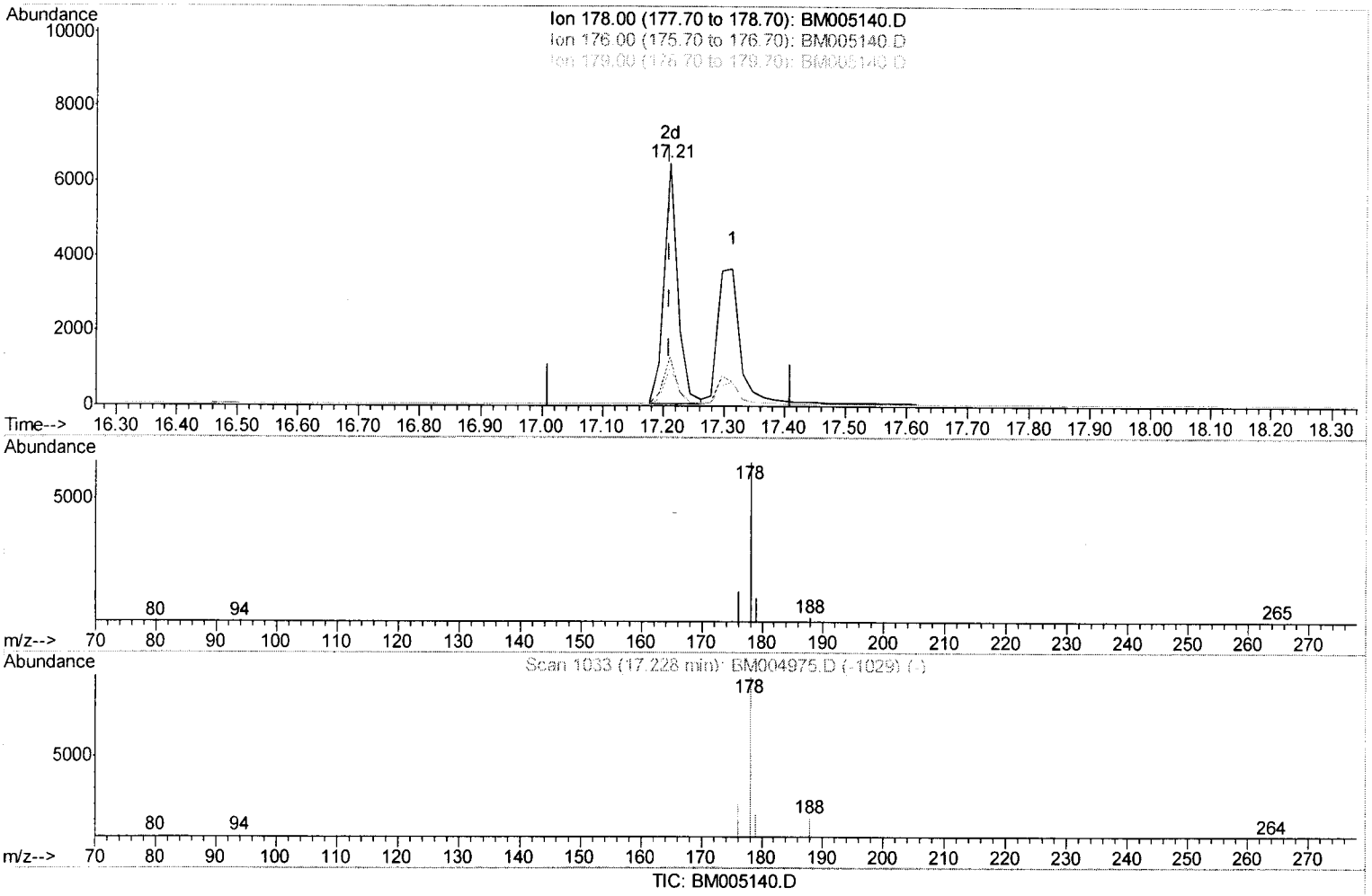
UMANGI
4/29/2016 4:51:17 PM



TIC: BM005140.D

(14) Phenanthrene

17.211min (+0.000) 0.40ng/ul m

response 10153

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.10#
179.00	17.70	15.61
0.00	0.00	0.00

U.M.
04/30/16

Quantitation Report (Qedit)

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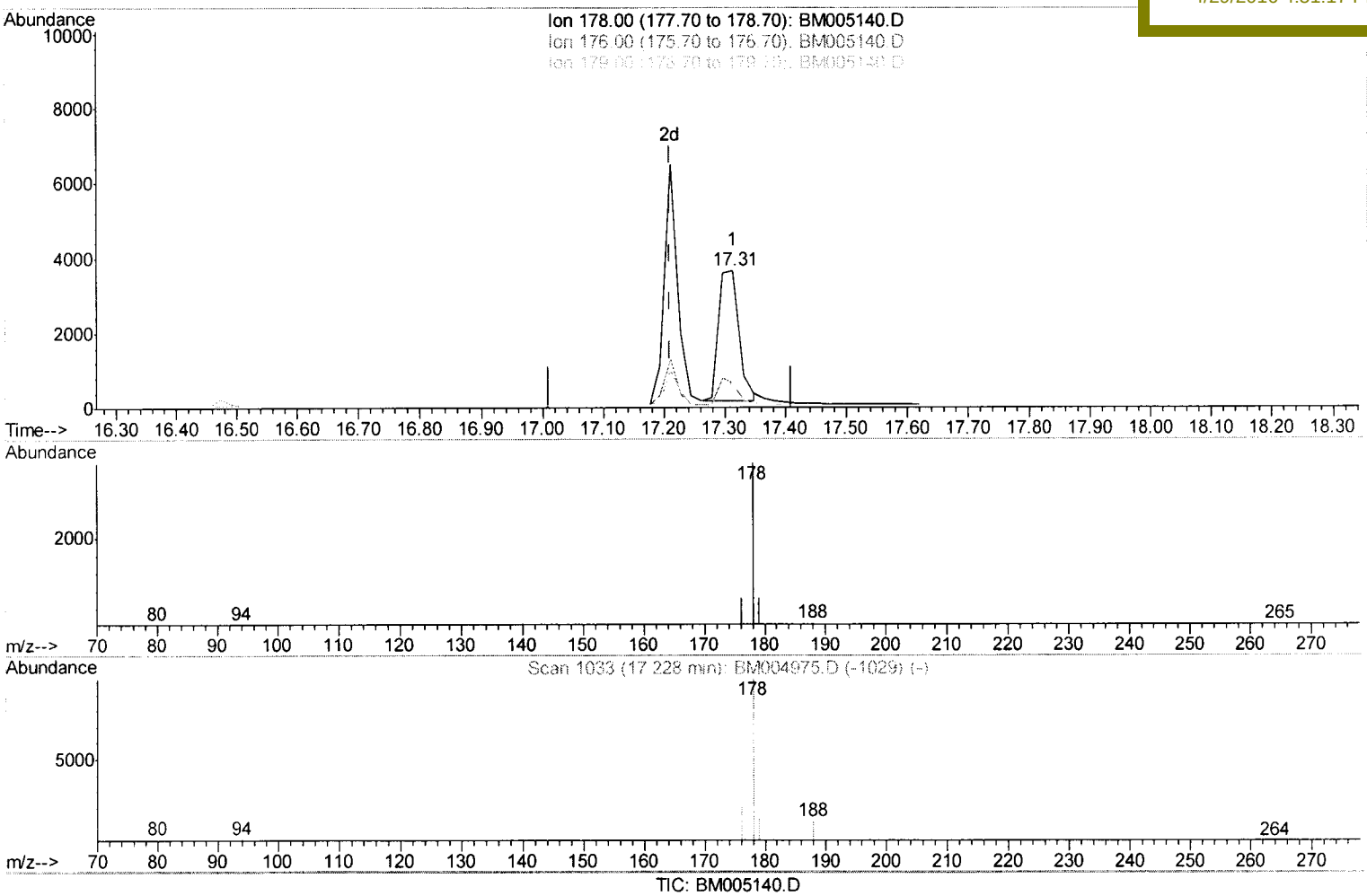
Manual Integrations APPROVED
UMANGI
4/29/2016 4:51:17 PM



TIC: BM005140.D

(14) Phenanthrene

17.313min (+0.103) 0.32ng/ul

response 8161

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.53
179.00	17.70	17.83
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042916\
Data File : BM005140.D
Acq On : 29 Apr 2016 13:27
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 14:11:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 29 13:46:03 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.453

Manual Integrations APPROVED
UMANGI
4/29/2016 4:51:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1530	0.40	ng/ul	0.02
4) Naphthalene-d8	10.58	136	6875	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.43	164	3927	0.40	ng/ul	0.02
12) Phenanthrene-d10	17.18	188	9185	0.40	ng/ul	0.00
18) Chrysene-d12	21.37	240	8280	0.40	ng/ul	0.00
22) Perylene-d12	23.65	264	5926	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	1416	1.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.17	152	3486	0.43	ng/ul	0.00
16) Fluoranthene-d10	19.21	212	8509	0.45	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.32	88	1782	1.96	ng/ul#	25
5) Naphthalene	10.63	128	6581	0.40	ng/ul	97
7) 2-Methylnaphthalene	12.25	142	4655	0.43	ng/ul	98
9) Acenaphthylene	14.14	152	6609	0.42	ng/ul	94
10) Acenaphthene	14.49	153	5397	0.41	ng/ul	90
11) Fluorene	15.48	166	6205	0.44	ng/ul	87
13) Pentachlorophenol	16.83	266	401	0.37	ng/ul	95
14) Phenanthrene	17.21	178	10153m	0.40	ng/ul	
15) Anthracene	17.31	178	8889	0.41	ng/ul	98
17) Fluoranthene	19.24	202	11729	0.45	ng/ul	93
19) Pyrene	19.60	202	12067	0.36	ng/ul	94
20) Benzo(a)anthracene	21.35	228	9826	0.45	ng/ul#	93
21) Chrysene	21.40	228	10274	0.39	ng/ul	93
23) Benzo(b)fluoranthene	22.95	252	8089	0.38	ng/ul	94
24) Benzo(k)fluoranthene	23.00	252	8653	0.42	ng/ul#	94
25) Benzo(a)pyrene	23.55	252	7364	0.40	ng/ul#	93
26) Indeno(1,2,3-cd)pyrene	25.95	276	6730	0.36	ng/ul#	81
27) Dibenzo(a,h)anthracene	25.96	278	5198	0.36	ng/ul#	88
28) Benzo(g,h,i)perylene	26.65	276	5718	0.33	ng/ul#	88

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

UM 04/30/16