Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006598.D
Acq On : 21 Jul 2016 21:36
Operator : UM/SJ
Sample : H4077-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 22 02:33:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YR5

Manual Integratio
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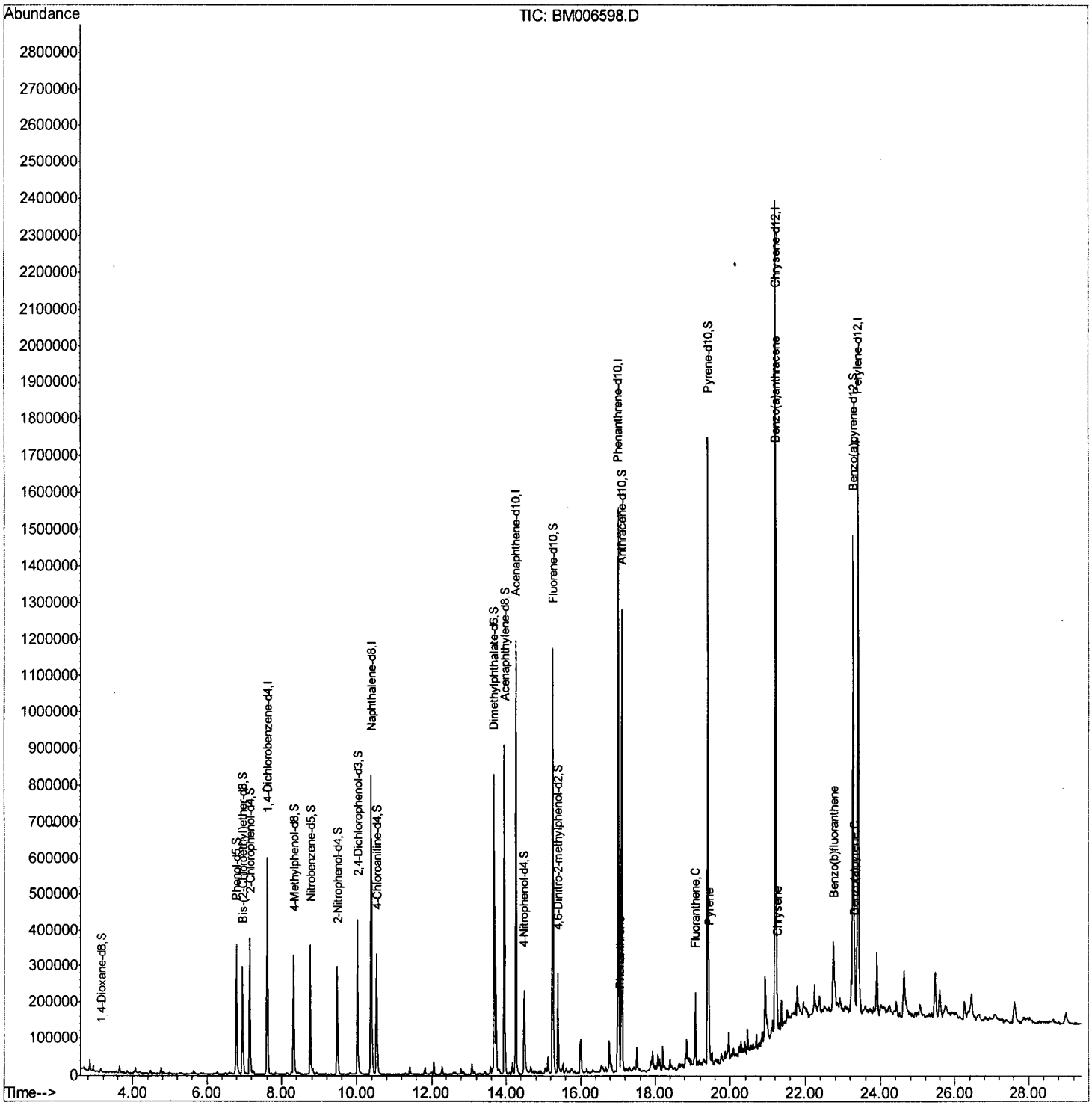
umangi
7/22/2016 6:24:31 PM



Quantitation Report (Qedit)

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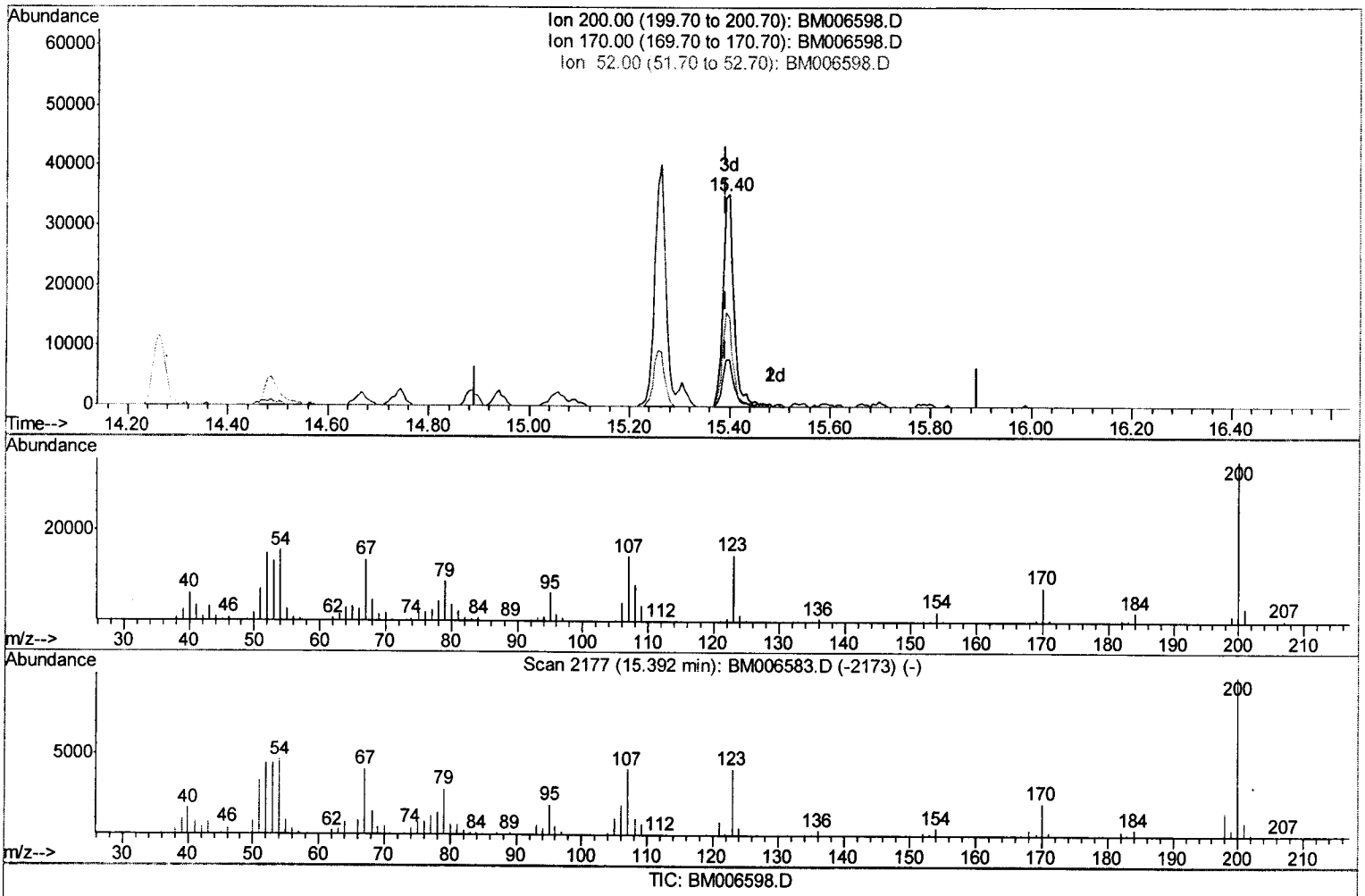

TIC: BM006598.D

(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.398min (+0.006) 11.20ng/ul m U.M
07/26/16

response 53454

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	22.12
52.00	53.20	42.20#
0.00	0.00	0.00

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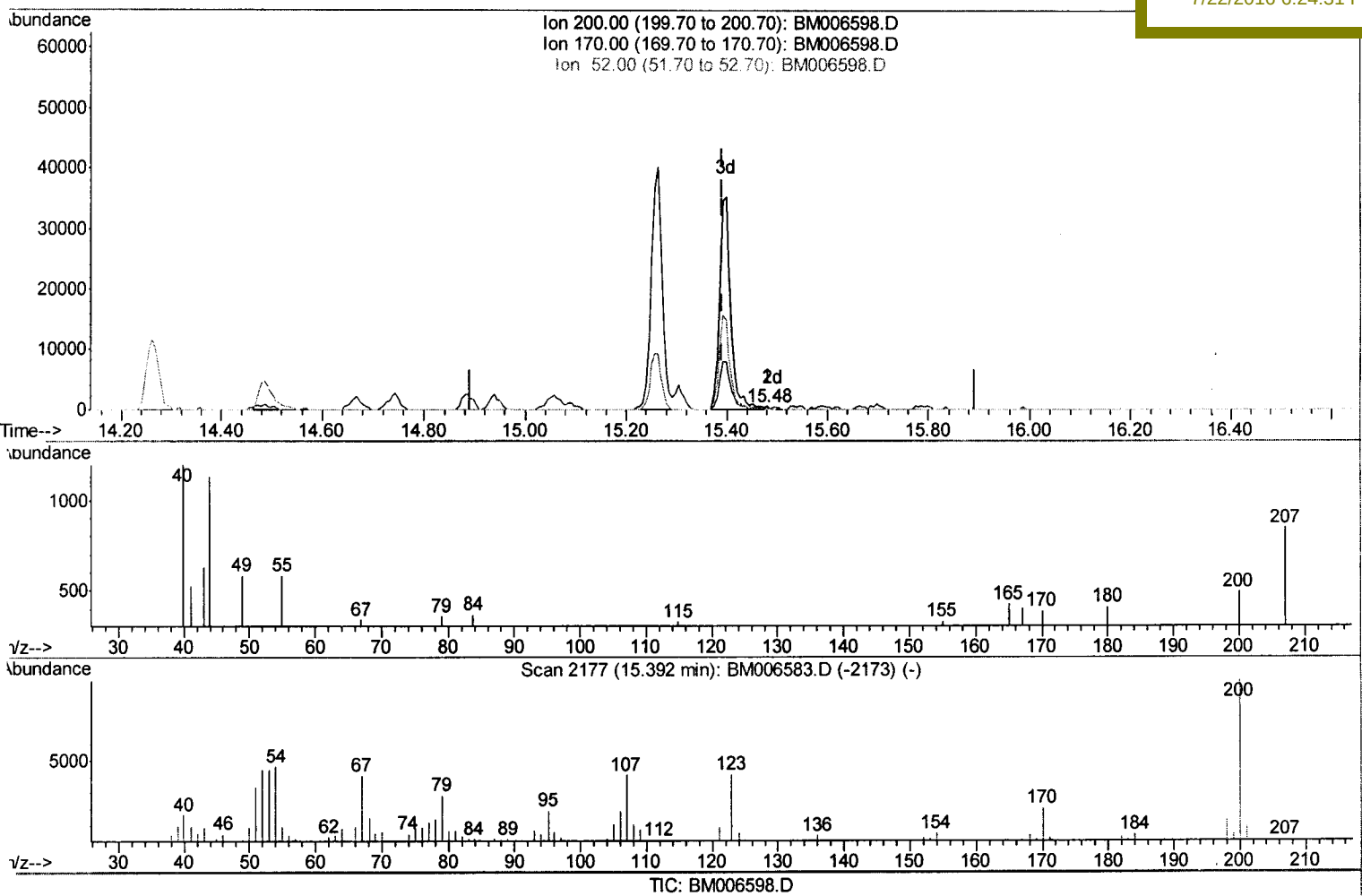

TIC: BM006598.D

(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.480min (+0.088) 0.04ng/ul

response 175

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	78.43#
52.00	53.20	0.00#
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
D9YR5

Manual Integratio
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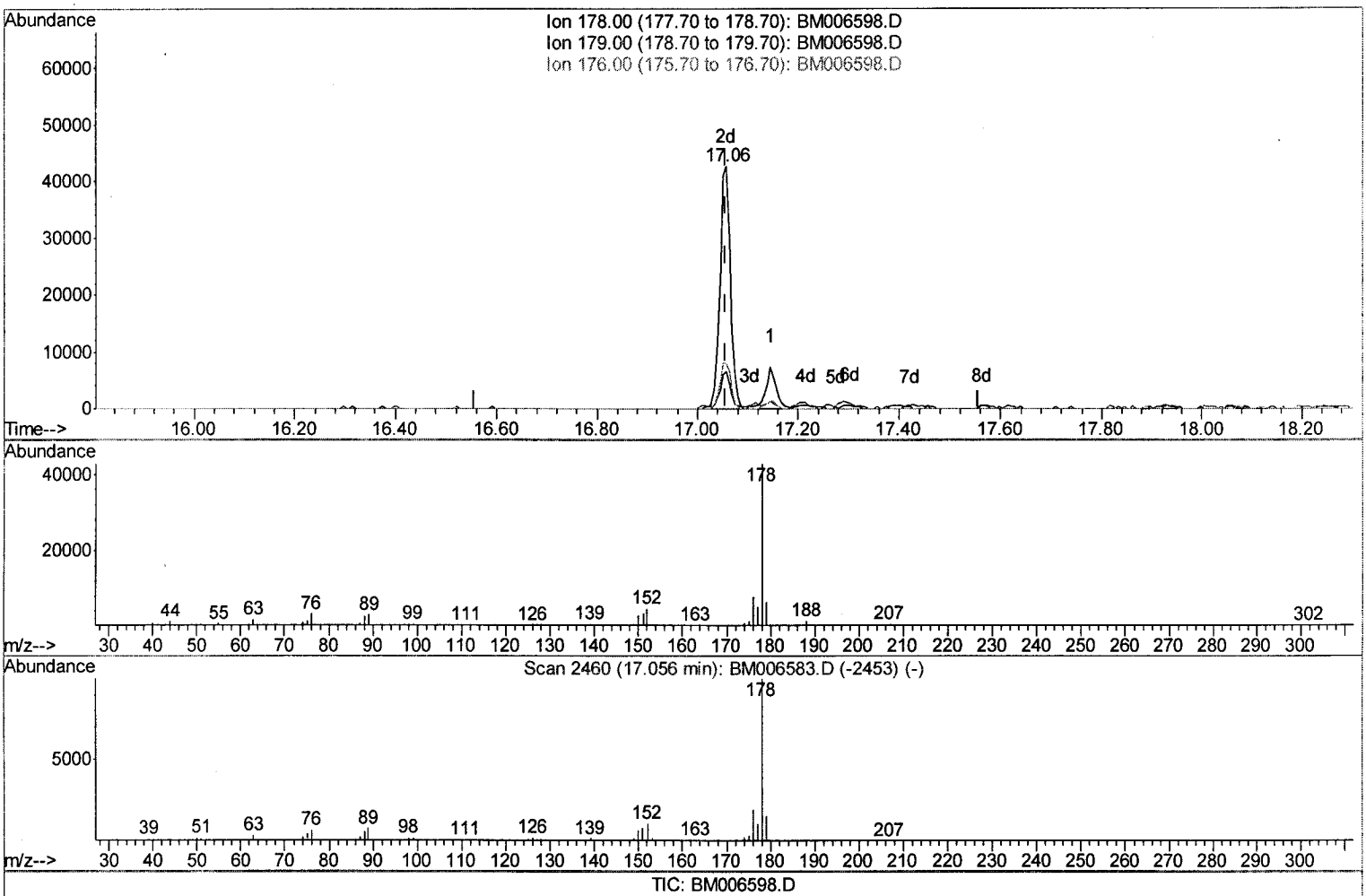

TIC: BM006598.D

(25) Phenanthrene

17.057min (+0.000) 1.20ng/ul m U.M
07|26|16

response 62337

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.33
176.00	18.50	18.60
0.00	0.00	0.00

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Manual Integratio
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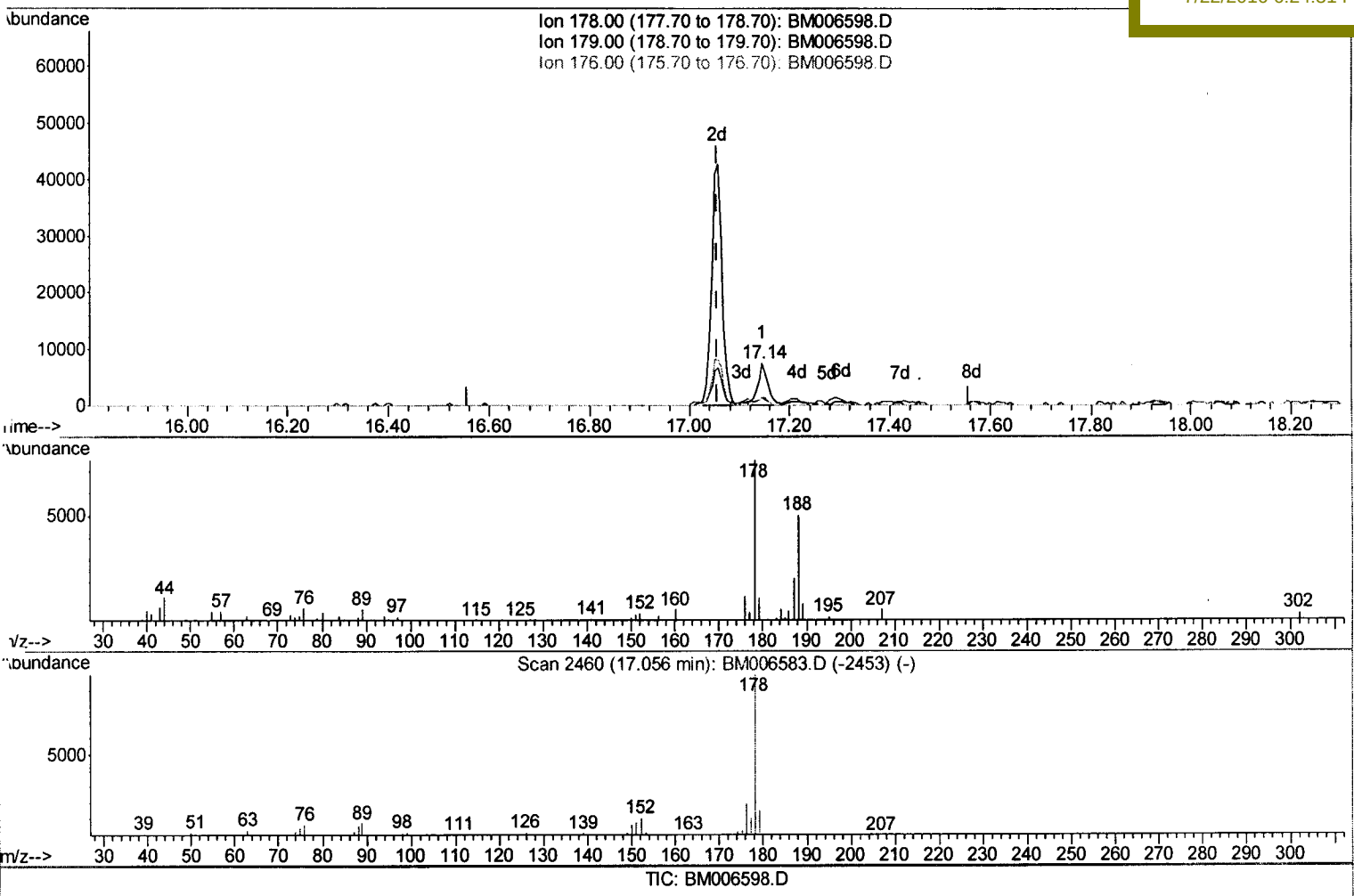

(25) Phenanthrene

17.145min (+0.088) 0.20ng/ul

response 10493

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	17.13
176.00	18.50	18.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H4077-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 22 01:57:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integratio
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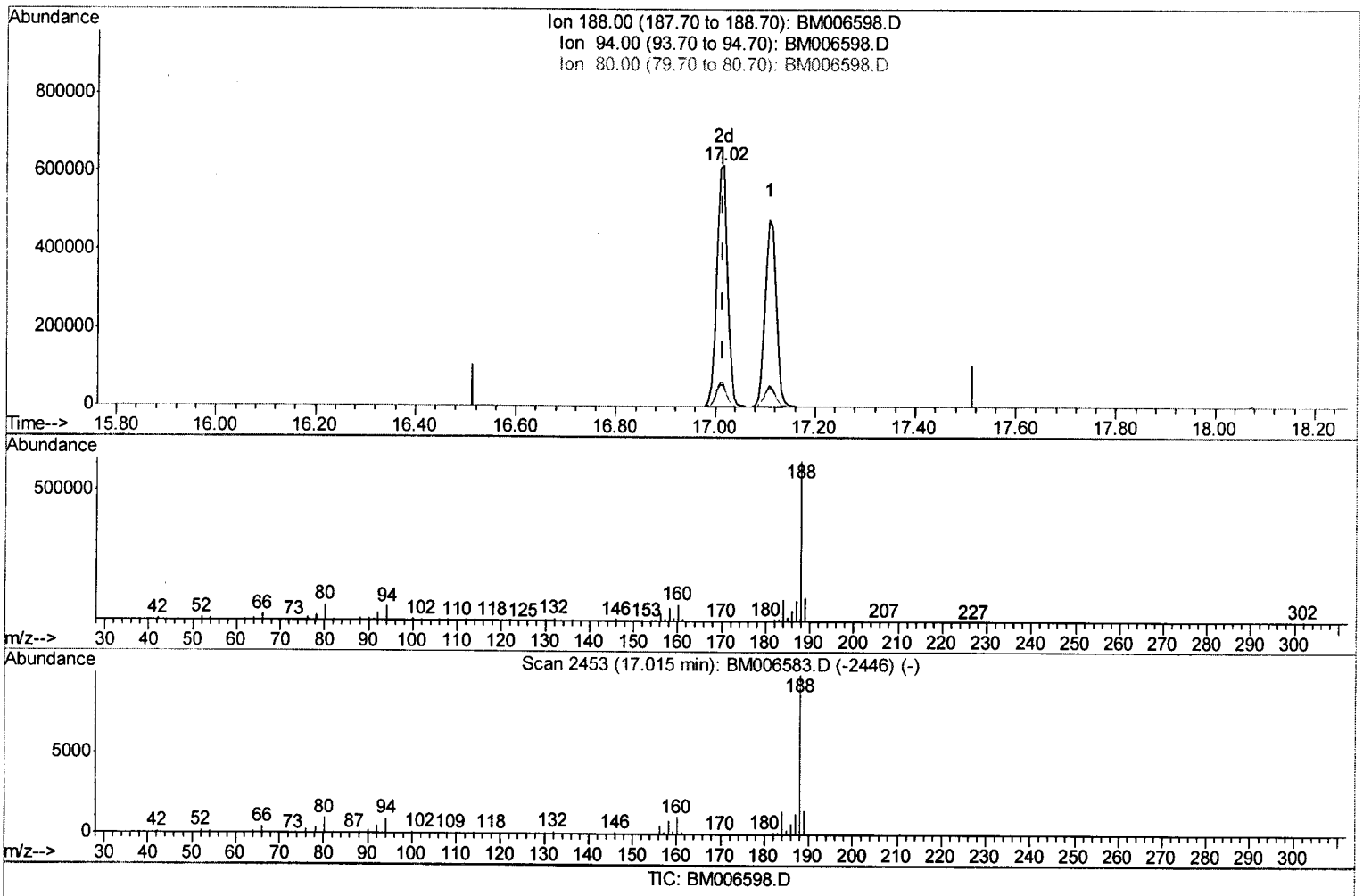

TIC: BM006598.D

(23) Phenanthrene-d10 (I)

17.015min (+0.000) 20.00ng/ul m U.M 07/26/16

response 919879

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	8.74
80.00	12.20	9.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integratio
APPROVE
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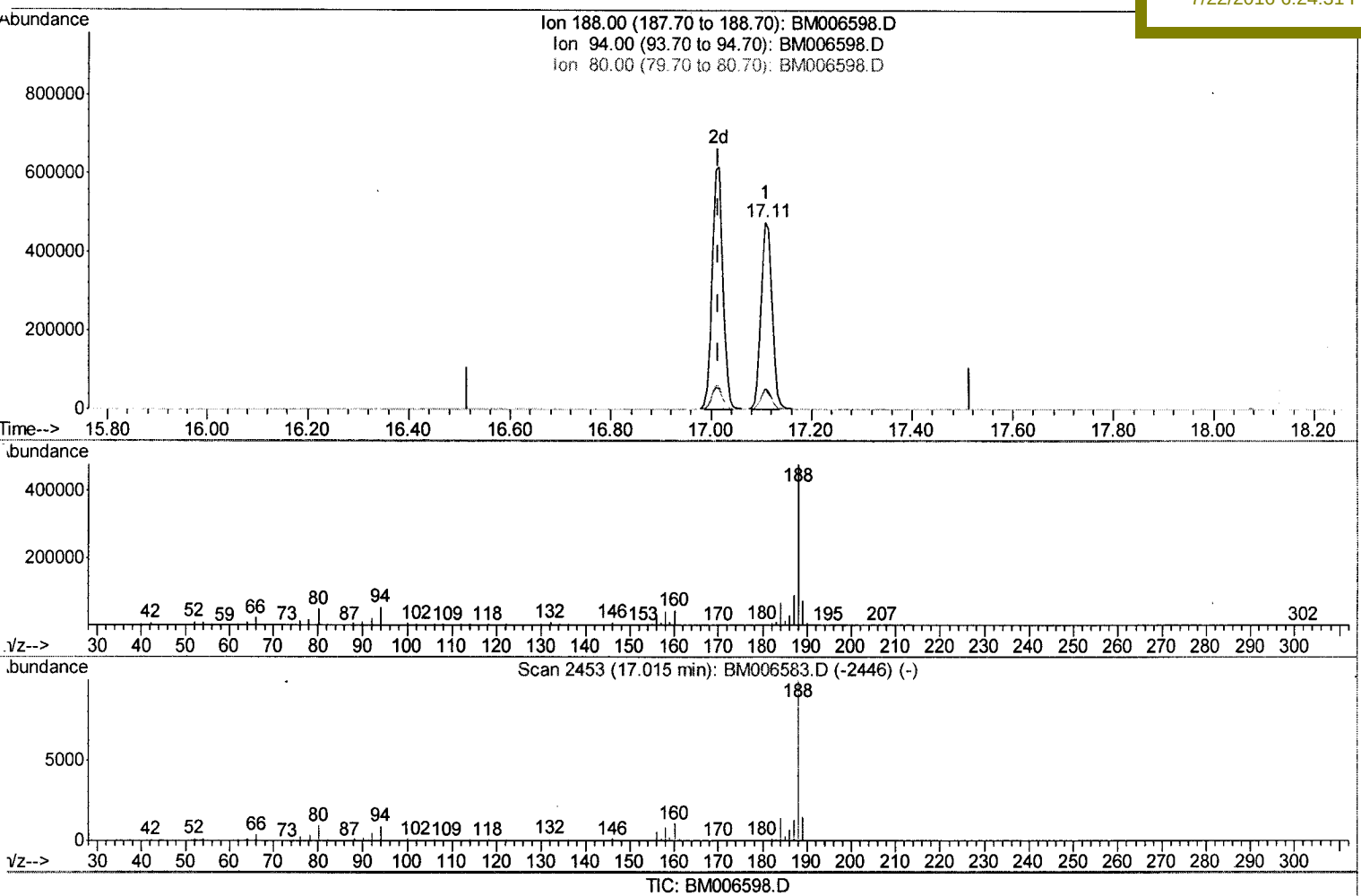

TIC: BM006598.D

(23) Phenanthrene-d10 (I)

17.109min (+0.094) 20.00ng/ul

response 727367

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	11.23
80.00	12.20	10.09
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
D9YR5

Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	155515	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	691903	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	404339	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	919879m	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1095899	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1143216	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5267	1.37	ng/uL	0.00
3) Phenol-d5	6.79	99	196680	14.87	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	137833	16.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	162298	15.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	124638	12.15	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	83162	15.88	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	87847	15.77	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	158300	15.04	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	185401	15.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	533612	16.83	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	671373	16.59	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	65527	11.90	ng/ul	0.00
21) Fluorene-d10	15.26	176	484775	17.10	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	53454m	11.20	ng/ul	0.00
26) Anthracene-d10	17.11	188	727367	16.65	ng/ul	0.00
30) Pyrene-d10	19.42	212	861041	17.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	897729	17.07	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	62337m	1.20	ng/ul	
28) Fluoranthene	19.08	202	113140	1.86	ng/ul	97
31) Pyrene	19.44	202	103904	1.57	ng/ul	98
32) Benzo(a)anthracene	21.20	228	71531	1.08	ng/ul	95
33) Chrysene	21.25	228	82530	1.35	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	115853	1.69	ng/ul	98
38) Benzo(a)pyrene	23.31	252	78002	1.17	ng/ul	97

U.M 07/26/16

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