

Quantitation Report (QT Reviewed)

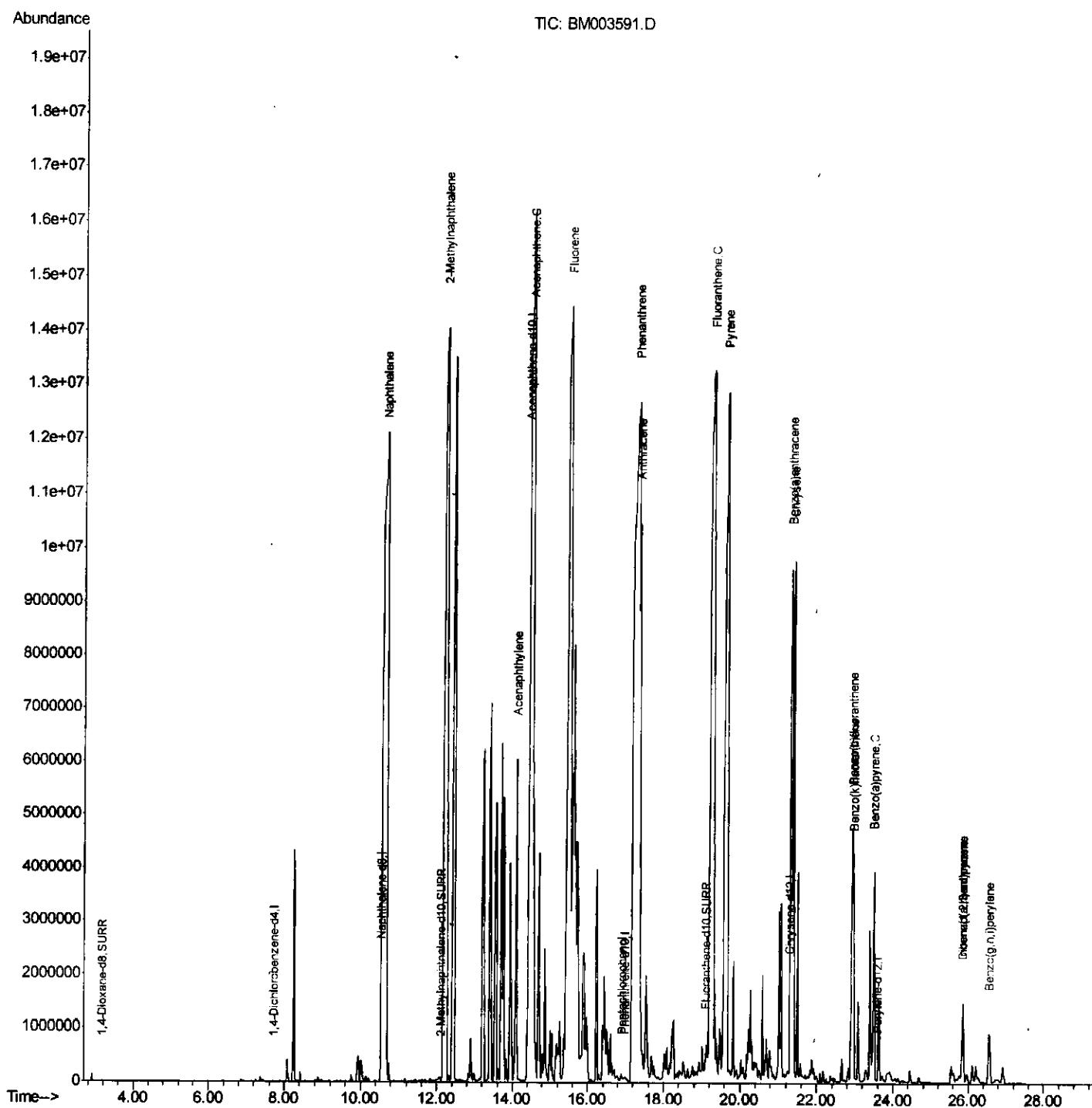
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003591.D
 Acq On : 16 Dec 2015 23:19
 Operator : UM/IZ
 Sample : G4767-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:17 PM

Quant Time: Dec 17 08:04:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration



Quantitation Report (Qedit)

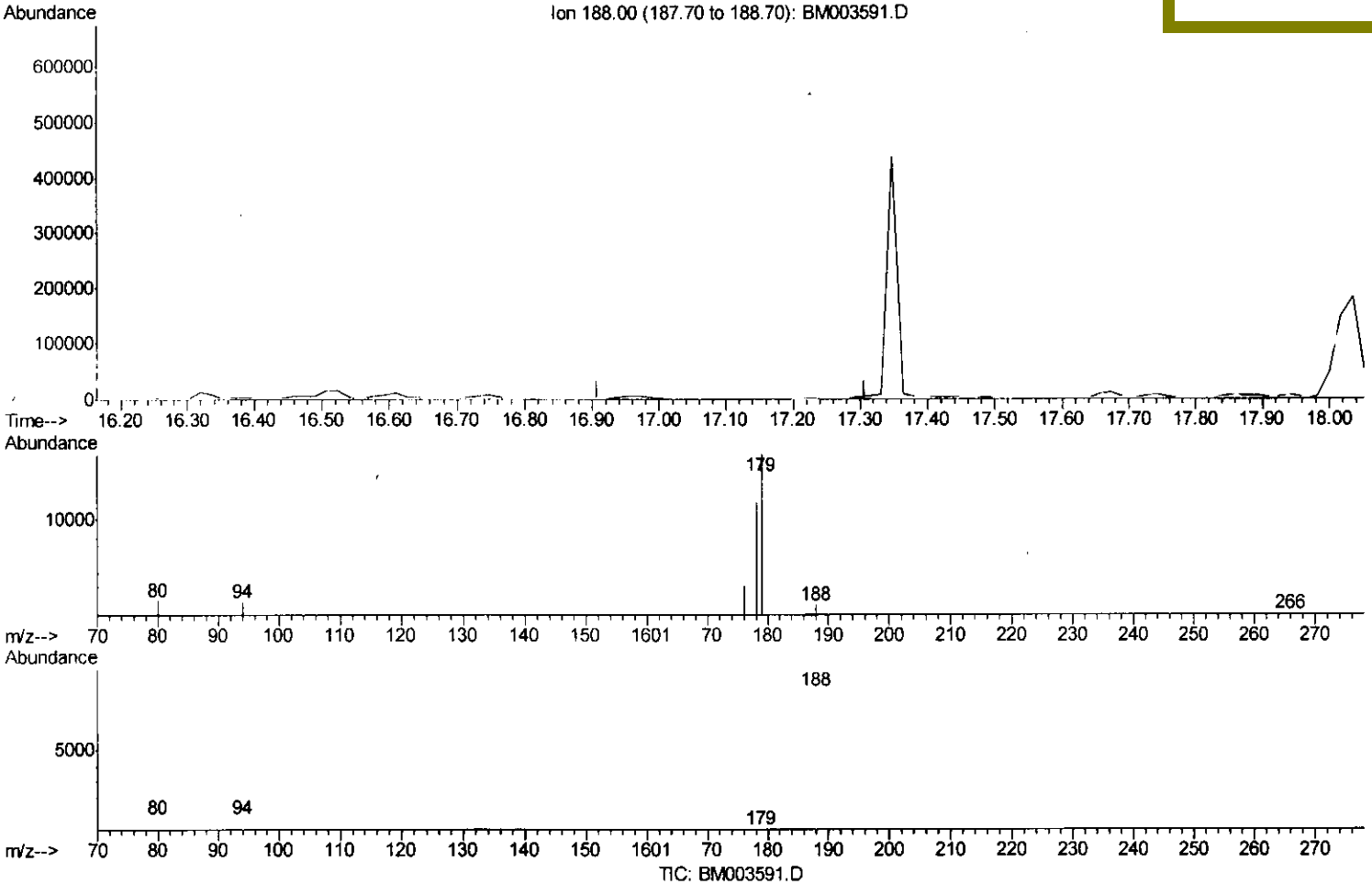
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Quant Time: Dec 17 03:03:08 2015
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(12) Phenanthrene-d10 (I)

17.108min (-17.108) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.70	0.00#
80.00	11.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qcedit)

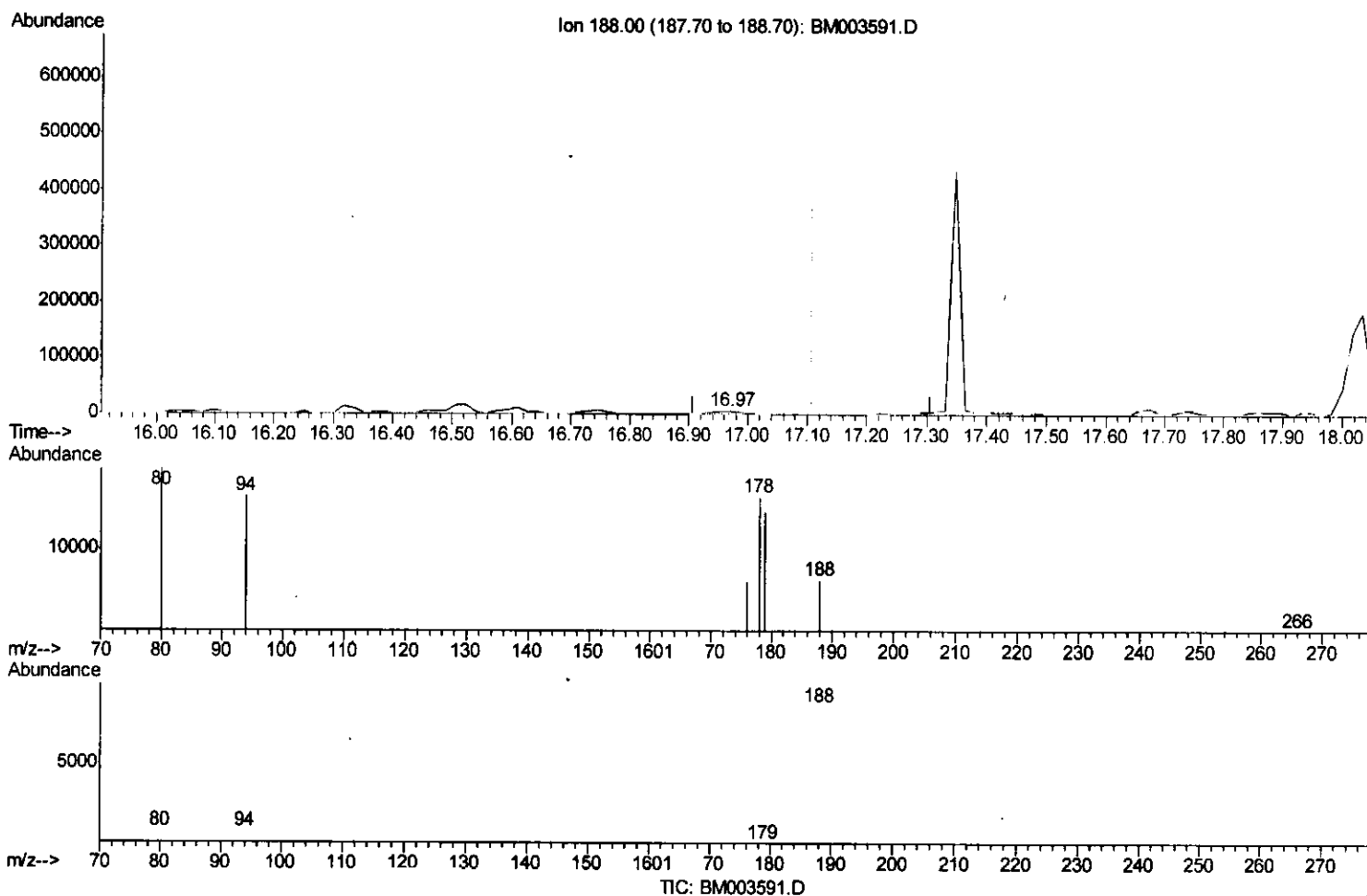
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(12) Phenanthrene-d10 (I)

16.970min (-0.137) 0.40ng/ul m U.M

response 26337

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	260.73#
80.00	11.90	312.27#
0.00	0.00	0.00

12/18/15

Quantitation Report (Qedit)

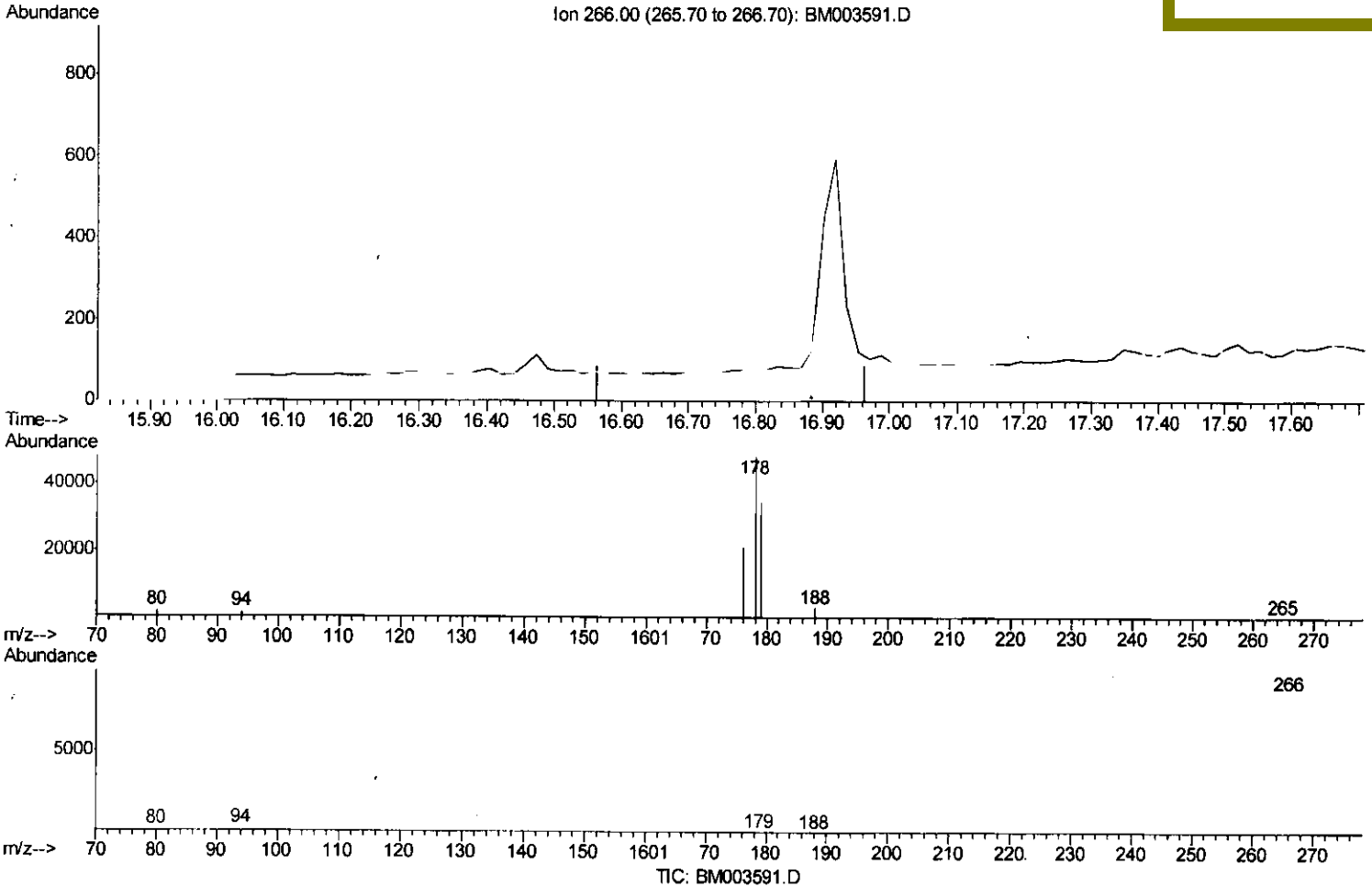
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(13) Pentachlorophenol

16.764min (-16.764) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	64.80	0.00#
268.00	58.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

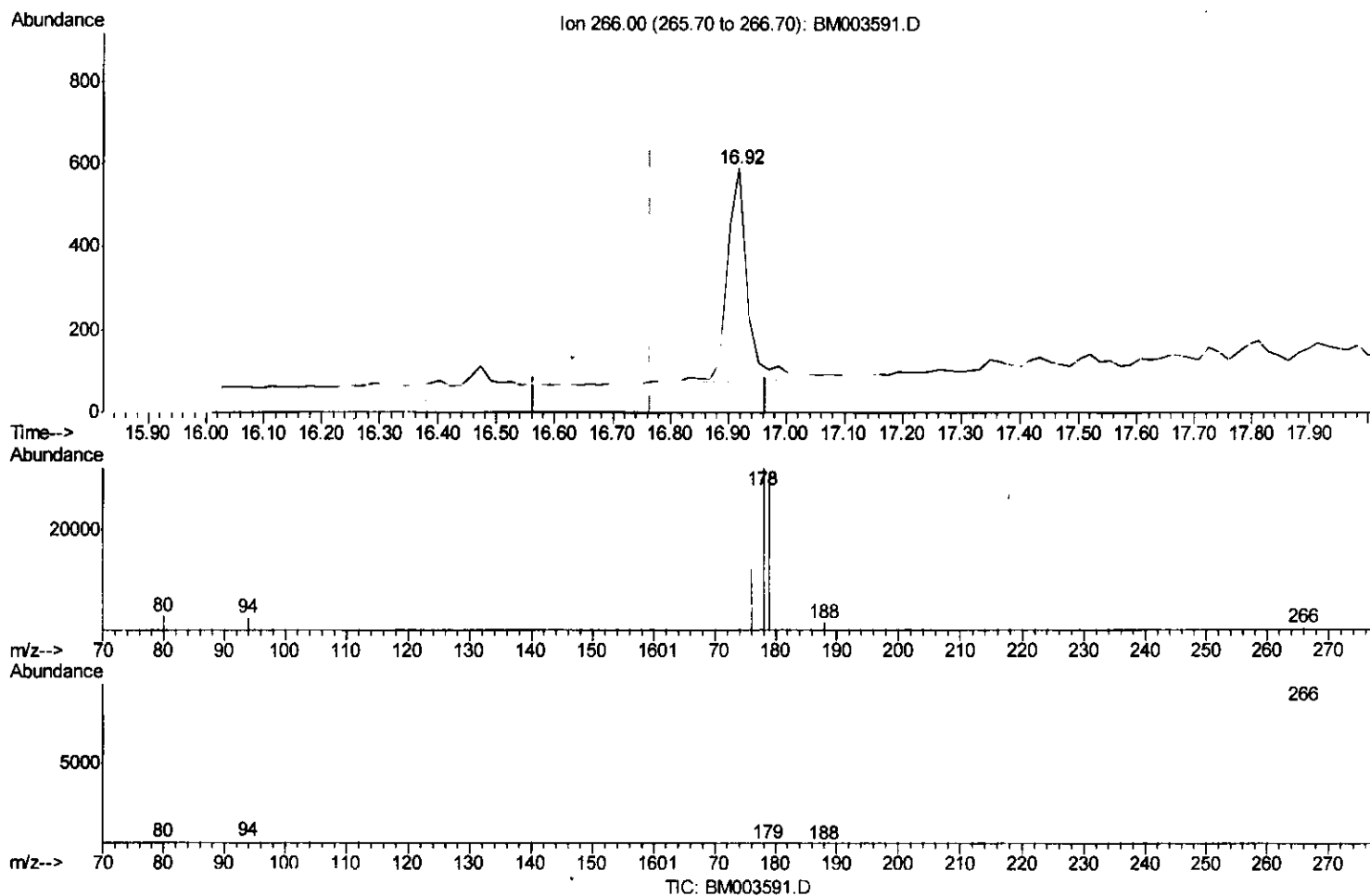
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(13) Pentachlorophenol

16.919min (+0.154) 0.34ng/ul m U.M

response 1276

12/18/15

Ion	Exp%	Act%
266.00	100	100
264.00	64.80	0.00#
268.00	58.50	0.00#
0.00	0.00	0.00

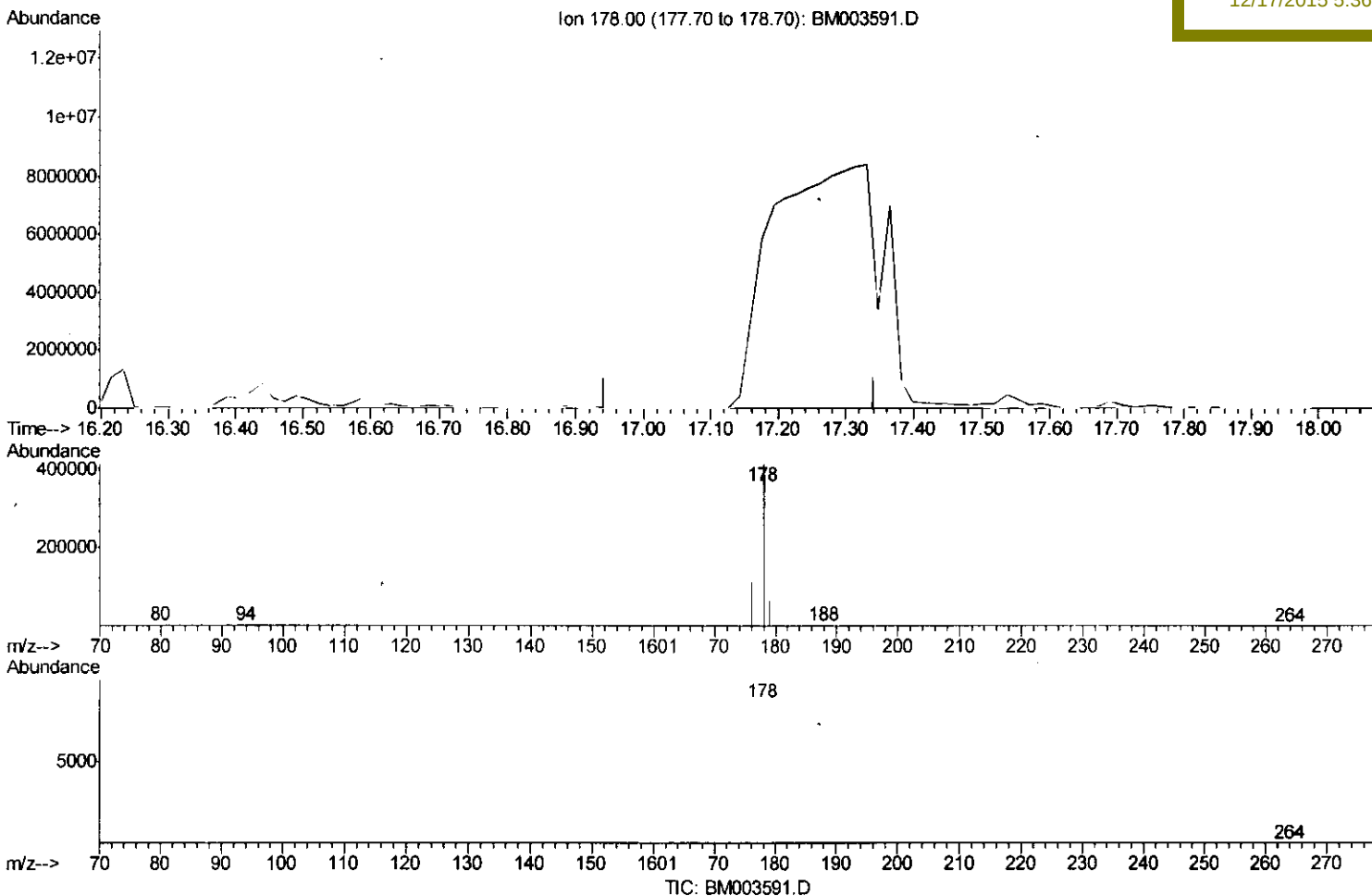
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(14) Phenanthrene

17.142min (-17.142) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

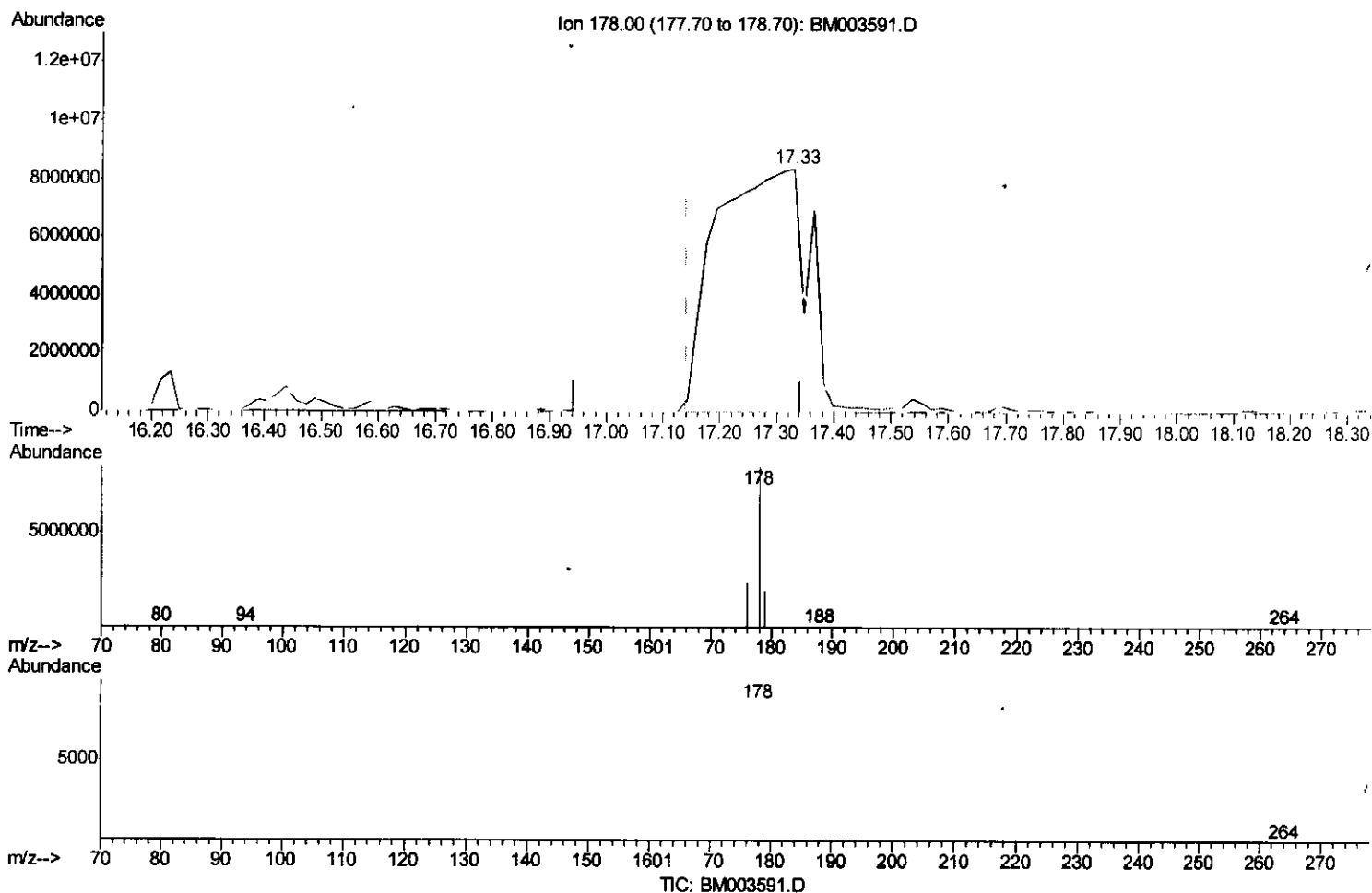
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
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 Operator : UM/IZ
 Sample : G4767-15
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(14) Phenanthrene

17.330min (+0.189) 1247.29ng/ul m

response 84728466

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	28.28#
179.00	17.70	23.26#
0.00	0.00	0.00

U.M
 12/18/15

Quantitation Report (Qedit)

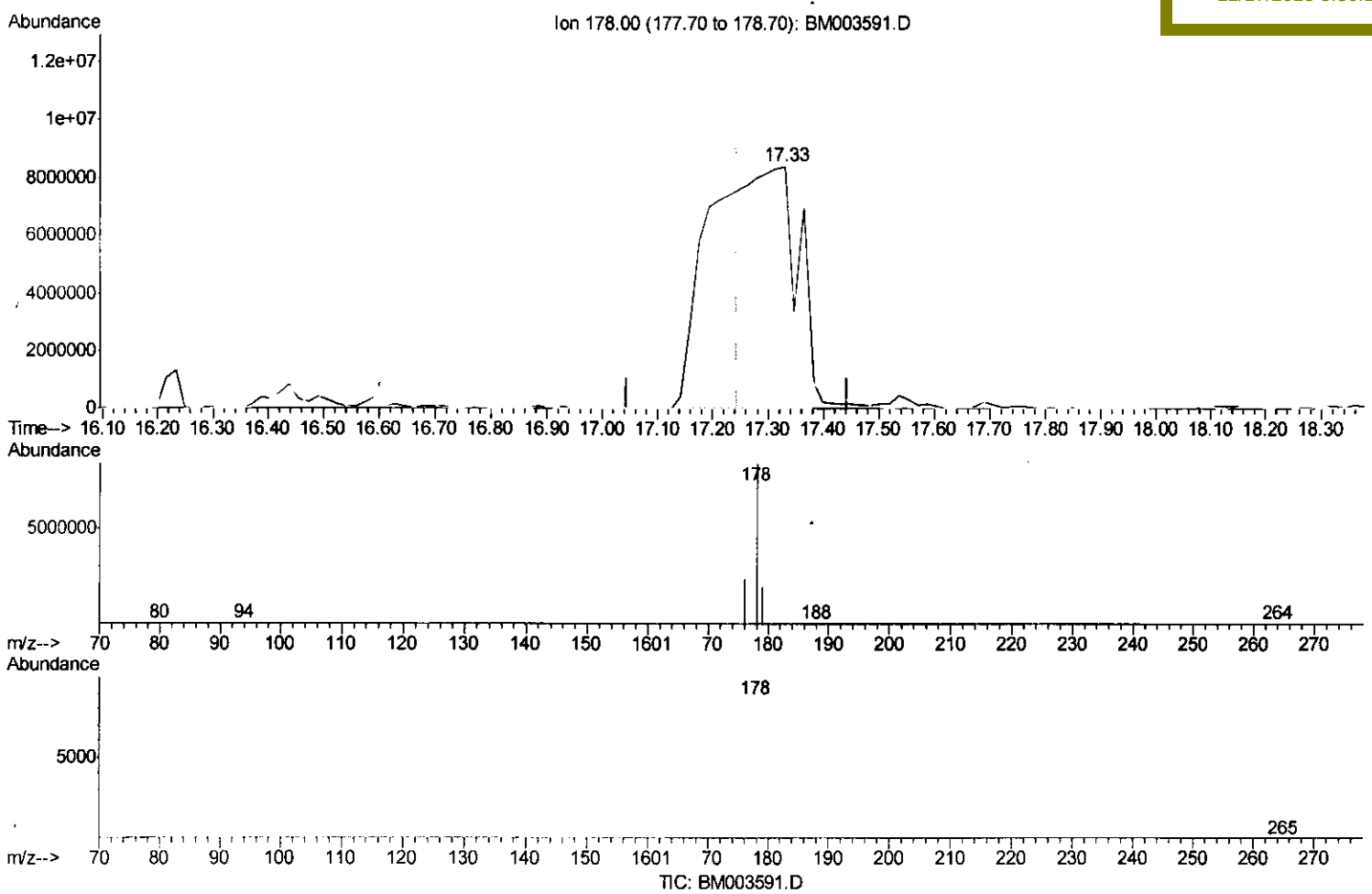
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003591.D
 Acq On : 16 Dec 2015 23:19
 Operator : UM/IZ
 Sample : G4767-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 APPROVED

MMdadoda
 12/17/2015 5:36:17 PM



(15) Anthracene

17.330min (+0.086) 1576.79ng/ul

response 92659606

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	28.28#
179.00	16.10	23.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

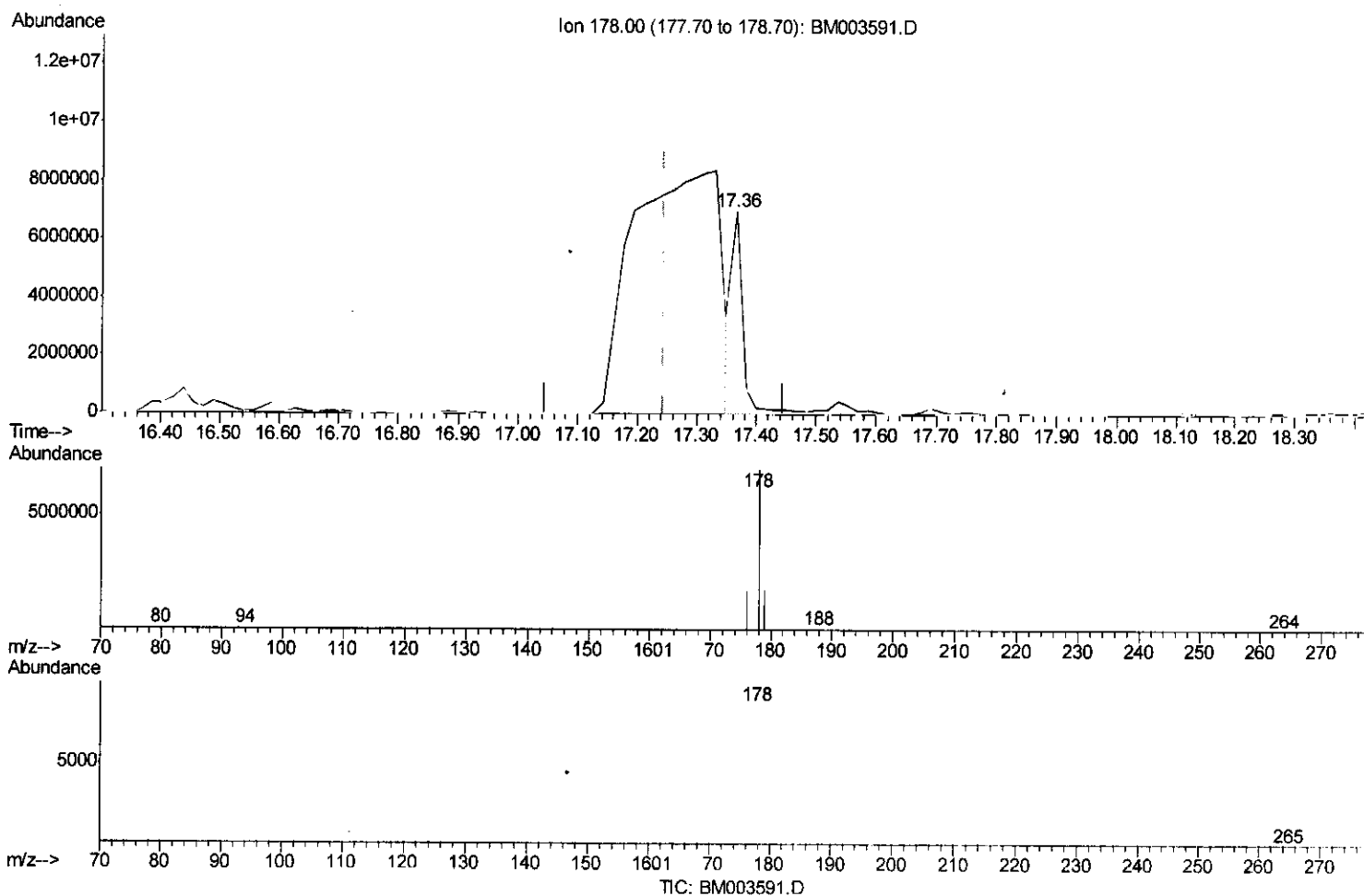
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003591.D
 Acq On : 16 Dec 2015 23:19
 Operator : UM/IZ
 Sample : G4767-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample Id :
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Manual Integrations
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(15) Anthracene

17.365min (+0.120) 145.23ng/ul m U.M

response 8534310

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	24.63#
179.00	16.10	25.18#
0.00	0.00	0.00

12/18/15

Quantitation Report (Qedit)

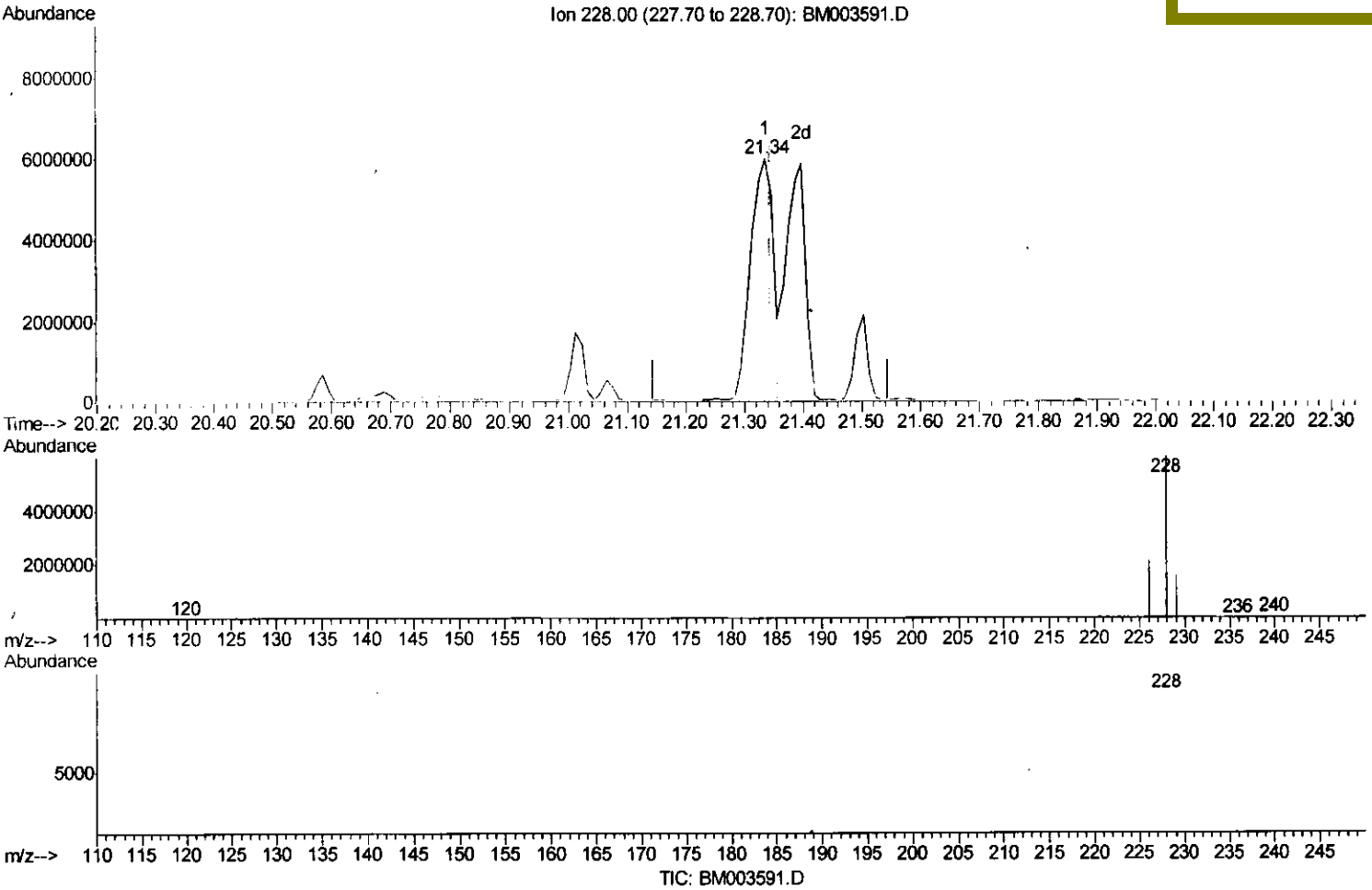
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003591.D
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 Operator : UM/IZ
 Sample : G4767-15
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 ALS Vial : 18 Sample Multiplier: 1

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 12/17/2015 5:36:17 PM



(21) Chrysene

21.335min (-0.010) 354.55ng/ui

response 16593115

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	34.68#
229.00	21.30	25.84#
0.00	0.00	0.00

Quantitation Report (Qcudit)

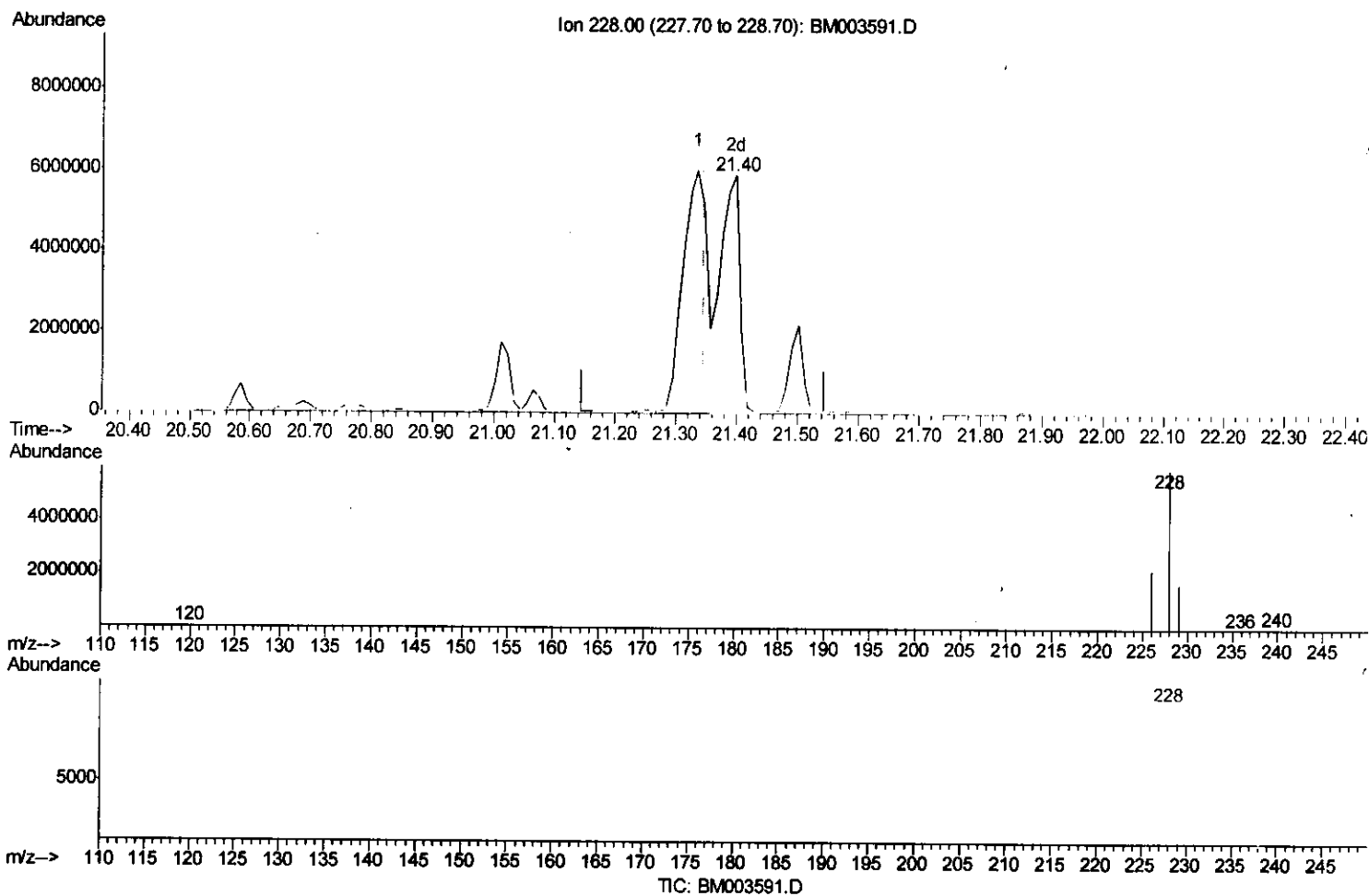
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003591.D
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 Quant Title : ASP BNA STANDARDS FOR .5 POINT CALIBRATION
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 Response via : Initial Calibration



(21) Chrysene

21.398min (+0.052) 280.74ng/ul m

response 13138543

Ion Exp% Act%

228.00 100 100

226.00 26.50 37.38#

229.00 21.30 28.49#

0.00 0.00 0.00

U.M
 12/18/15

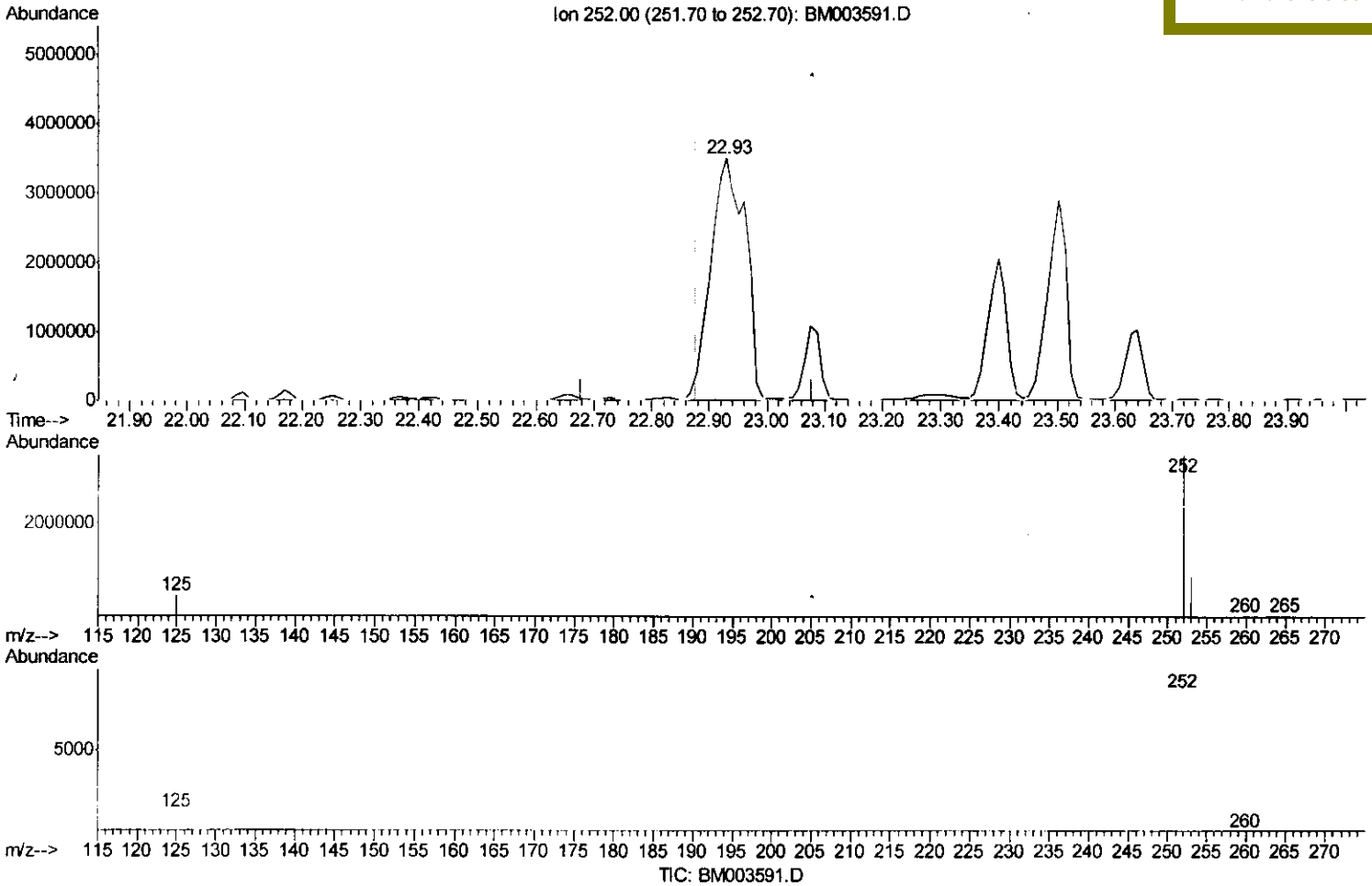
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
Data File : BM003591.D
Acq On : 16 Dec 2015 23:19
Operator : UM/IZ
Sample : G4767-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:36:17 PM

Quant Time: Dec 17 08:02:43 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-STIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.930min (+0.052) 147.27ng/ul

response 14406357

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.52
125.00	14.40	12.79
0.00	0.00	0.00

Quantitation Report (Qedit)

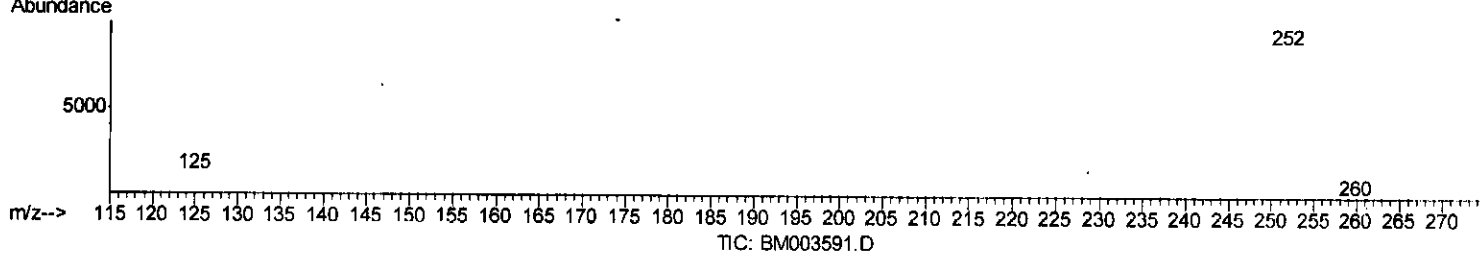
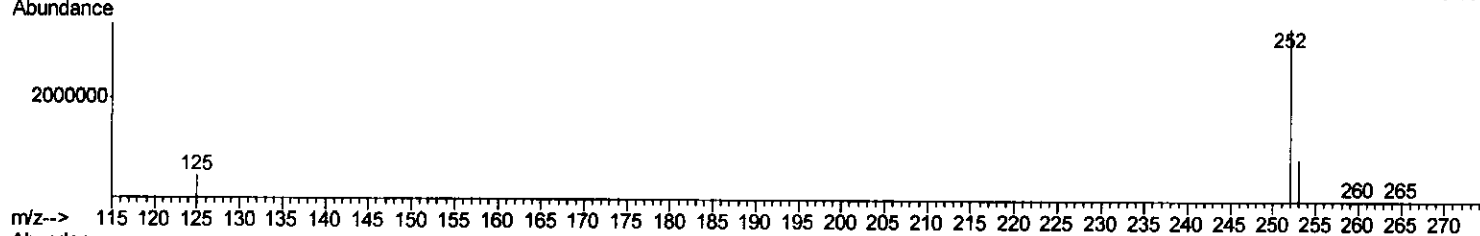
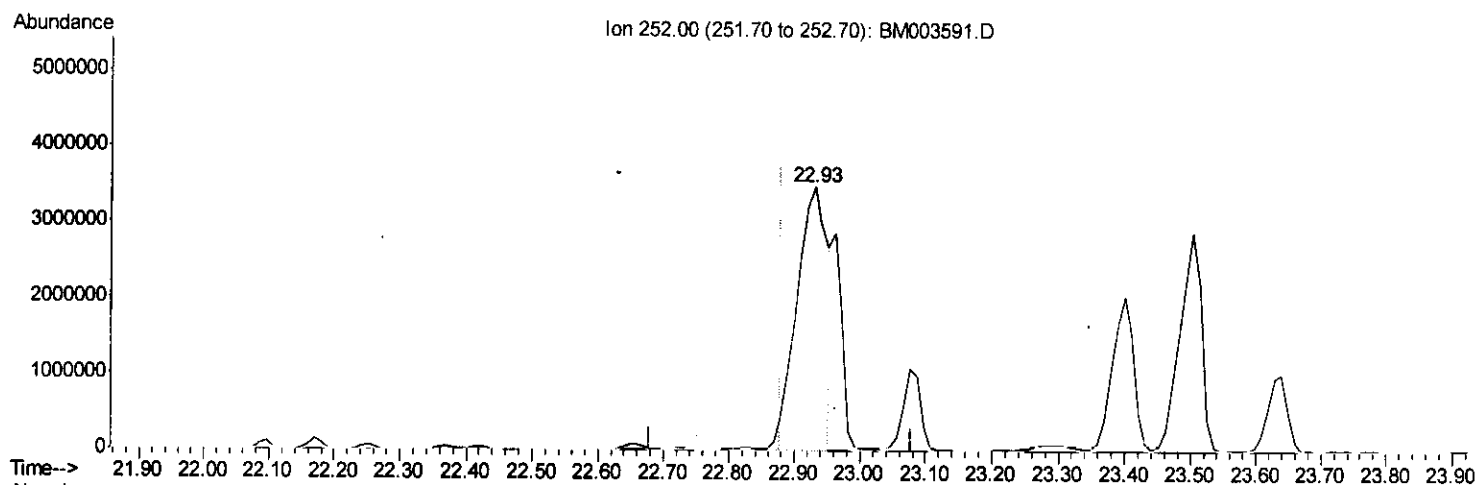
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(23) Benzo(b)fluoranthene

22.930min (+0.052) 116.25ng/ul m

response 11371610

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.52
125.00	14.40	12.79
0.00	0.00	0.00

U.M
 12/18/15

Quantitation Report (Qedit)

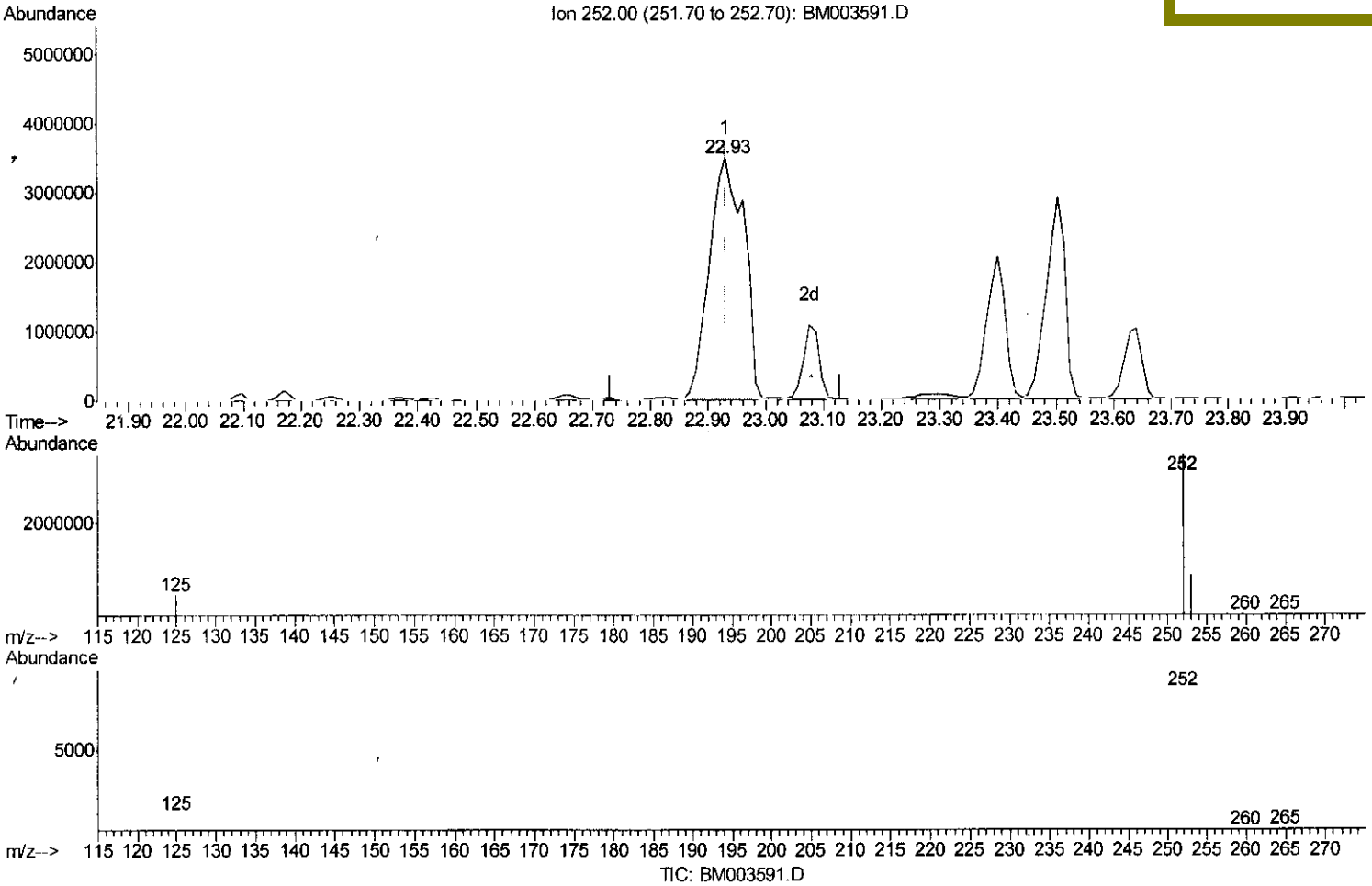
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MMdadoda
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(24) Benzo(k)fluoranthene

22.930min (0.000) 162.48ng/ul

response 14406357

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.52
125.00	13.00	12.79
0.00	0.00	0.00

Quantitation Report (Qedit)

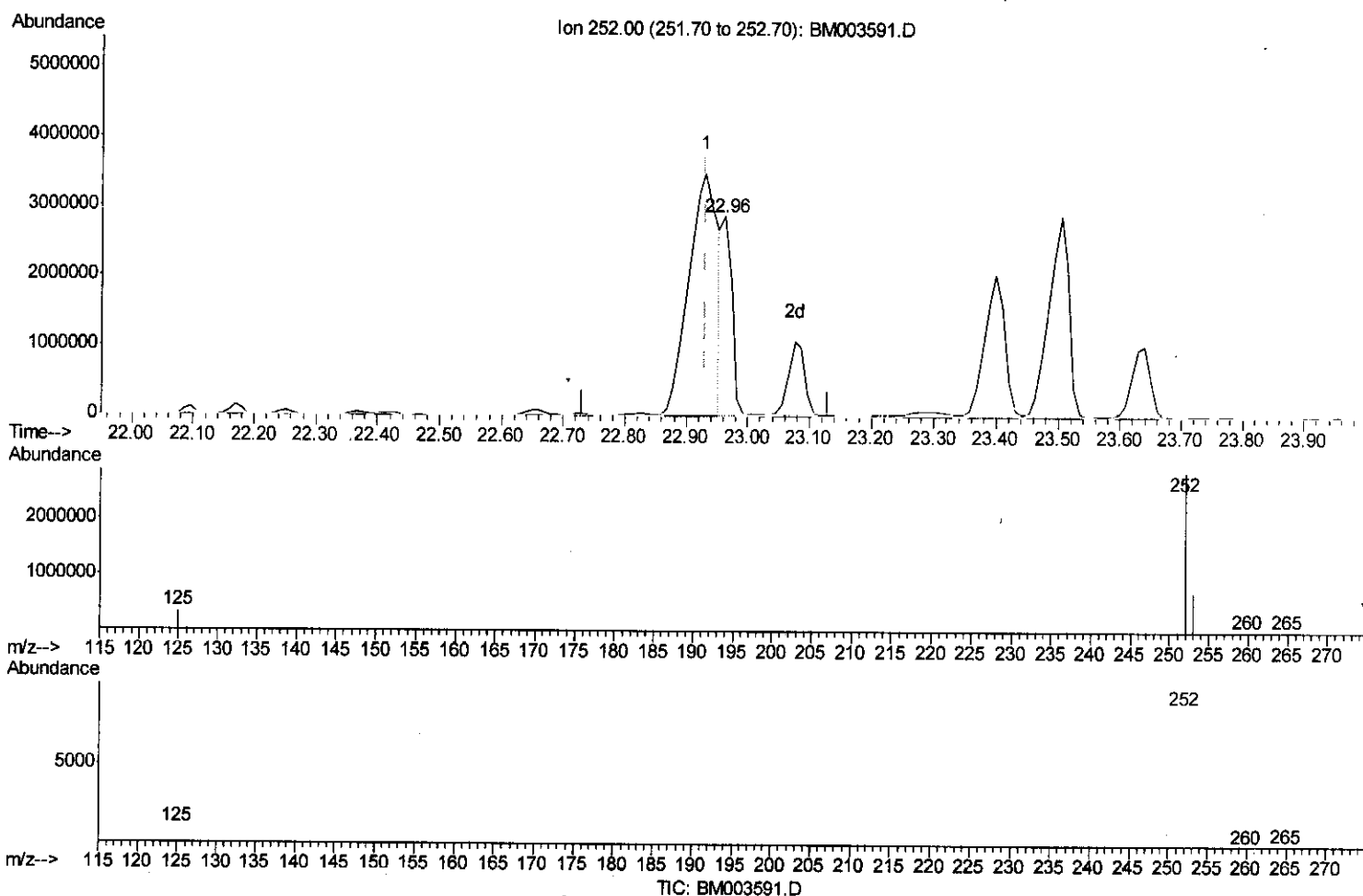
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(24) Benzo(k)fluoranthene

22.961min (+0.031) 35.84ng/ul m

response 3177903

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.92
125.00	13.00	11.79
0.00	0.00	0.00

U.M
 12/18/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4478	0.40	ng/ul	0.00
4) Naphthalene-d8	10.54	136	12238	0.40	ng/ul	0.04
8) Acenaphthene-d10	14.43	164	221277	0.40	ng/ul	0.07
12) Phenanthrene-d10	16.97	188	26337m	0.40	ng/ul	-0.14
18) Chrysene-d12	21.29	240	16730	0.40	ng/ul	-0.02
22) Perylene-d12	23.60	264	28660	0.40	ng/ul	0.03

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	9462	4.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.11	152	6230	0.42	ng/ul	0.01
16) Fluoranthene-d10	19.11	212	492477	8.81	ng/ul	-0.04

Target Compounds

						Qvalue
5) Naphthalene	10.66	128	73053561	2649.74	ng/ul#	82
7) 2-Methylnaphthalene	12.26	142	33022417	1784.15	ng/ul	95
9) Acenaphthylene	14.11	152	9981022	11.81	ng/ul#	93
10) Acenaphthene	14.54	153	47587118	69.85	ng/ul#	86
11) Fluorene	15.53	166	37550897	49.72	ng/ul	90
13) Pentachlorophenol	16.92	266	1276m	0.34	ng/ul	
14) Phenanthrene	17.33	178	84728466m	1247.29	ng/ul	
15) Anthracene	17.36	178	8534310m	145.23	ng/ul	
17) Fluoranthene	19.30	202	51555914	698.88	ng/ul	88
19) Pyrene	19.65	202	39113444	866.04	ng/ul#	81
20) Benzo(a)anthracene	21.34	228	16593115	406.23	ng/ul#	84
21) Chrysene	21.40	228	13138543m	280.74	ng/ul	
23) Benzo(b)fluoranthene	22.93	252	11371610m	116.25	ng/ul	
24) Benzo(k)fluoranthene	22.96	252	3177903m	35.84	ng/ul	
25) Benzo(a)pyrene	23.50	252	6533155	79.18	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.86	276	2395331	25.04	ng/ul#	96
27) Dibenzo(a,h)anthracene	25.86	278	659619	8.56	ng/ul	96
28) Benzo(g,h,i)perylene	26.56	276	2009601	24.14	ng/ul	97

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