

Quantitation Report (QT Reviewed)

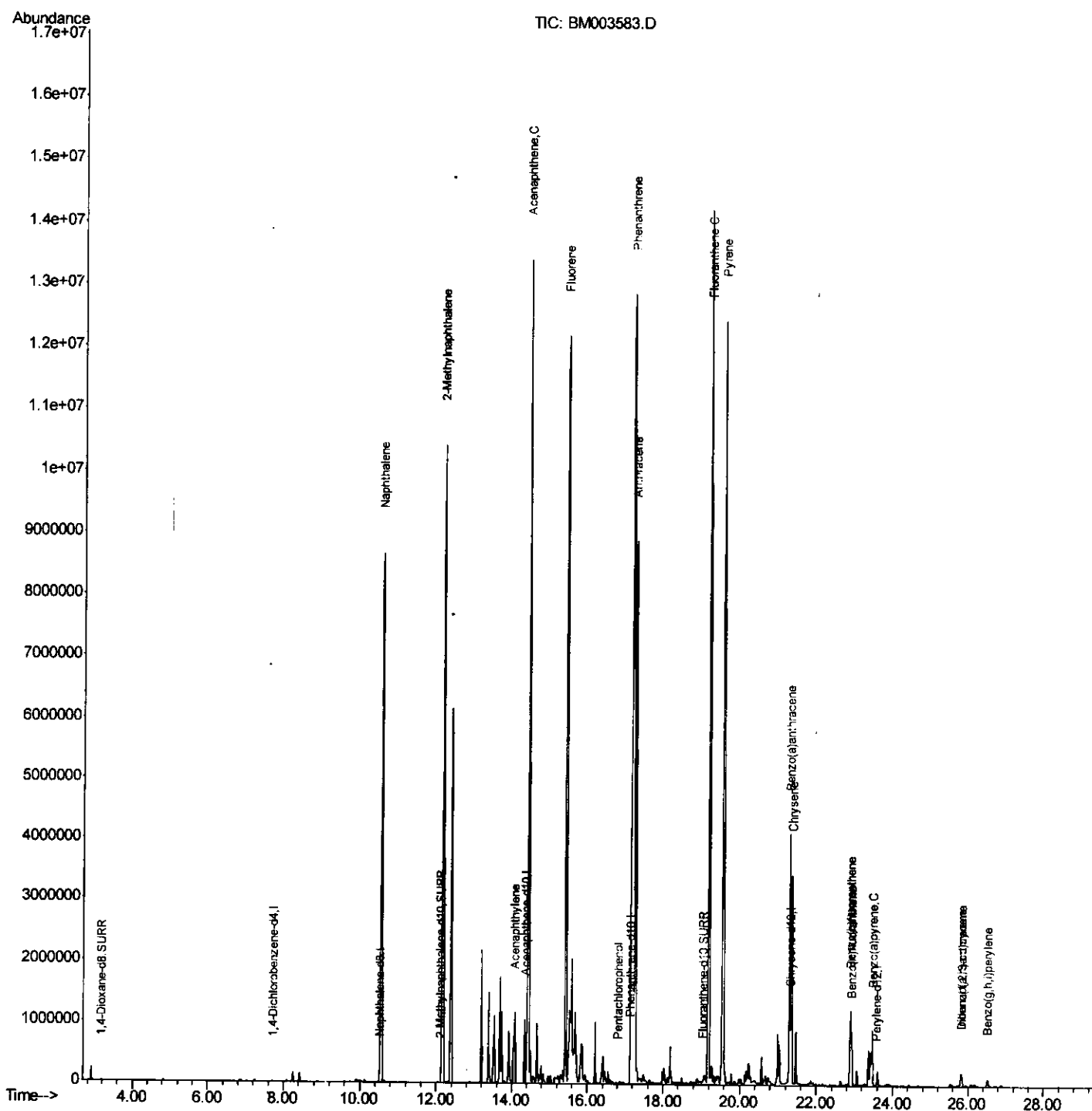
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:05 PM

Quant Time: Dec 17 07:14:45 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)

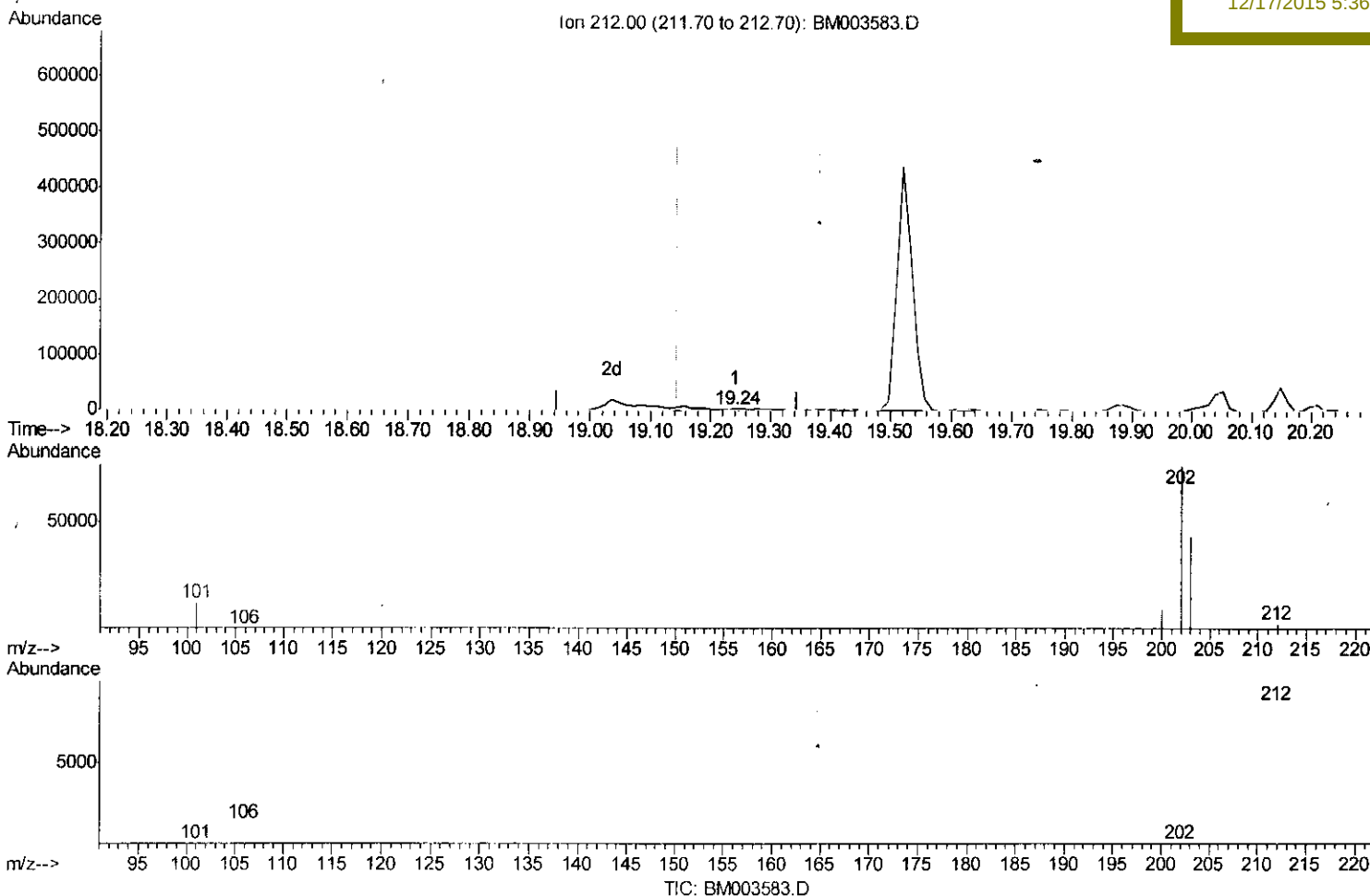
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Quant Time: Dec 17 03:00:51 2015
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(16) Fluoranthene-d10 (SURR)

19.241min (+0.097) 0.13ng/ul

response 7788

Ion	Exp%	Act%
212.00	100	100
106.00	0.00	45.54#
104.00	0.00	42.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

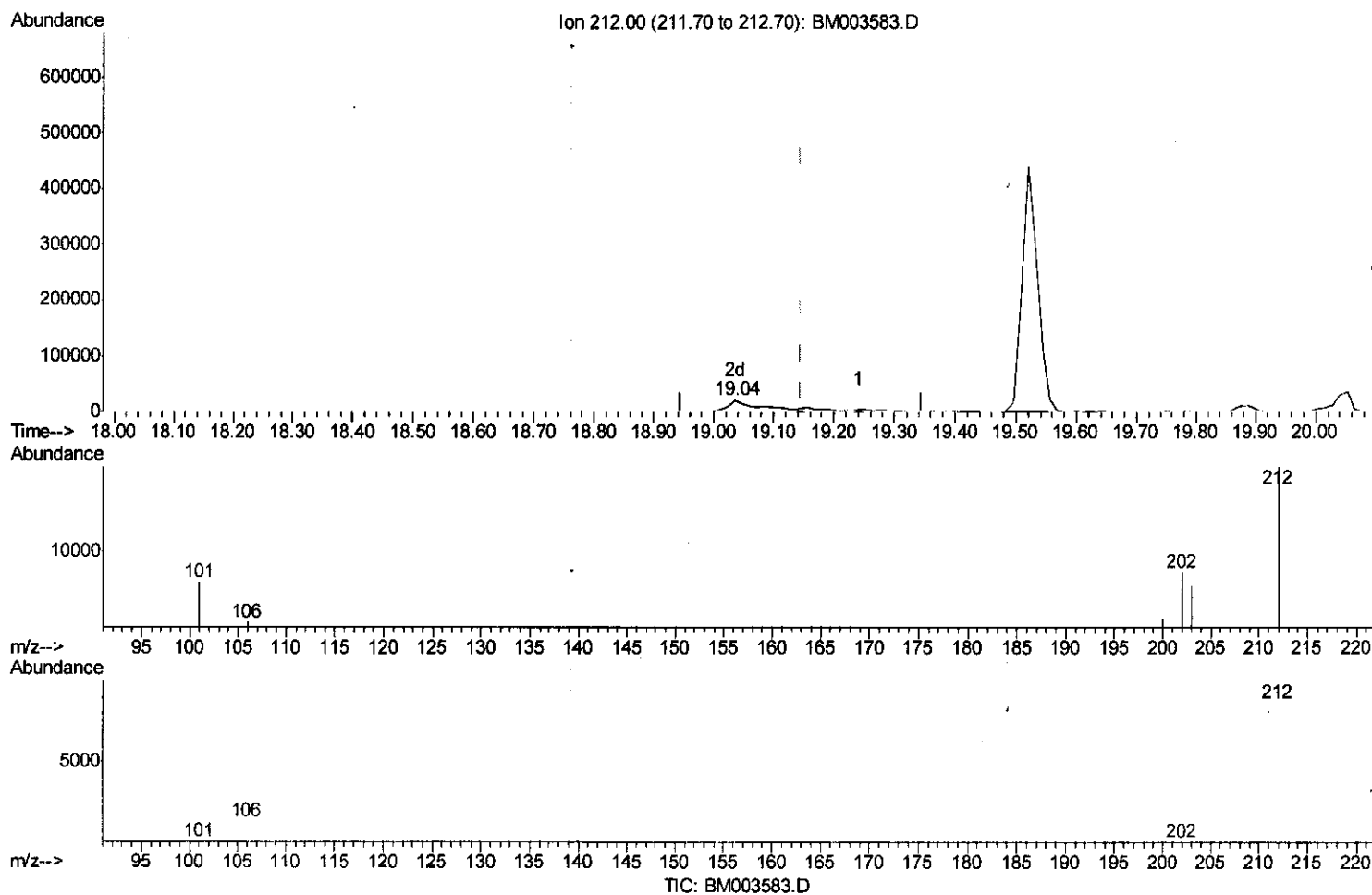
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(16) Fluoranthene-d10 (SURR)

19.036min (-0.109) 0.88ng/ul m

response 52364

Ion Exp% Act%

212.00 100 100

106.00 0.00 6.77#

104.00 0.00 6.35#

0.00 0.00 0.00

U.M
 12/18/15

Quantitation Report (Qedit)

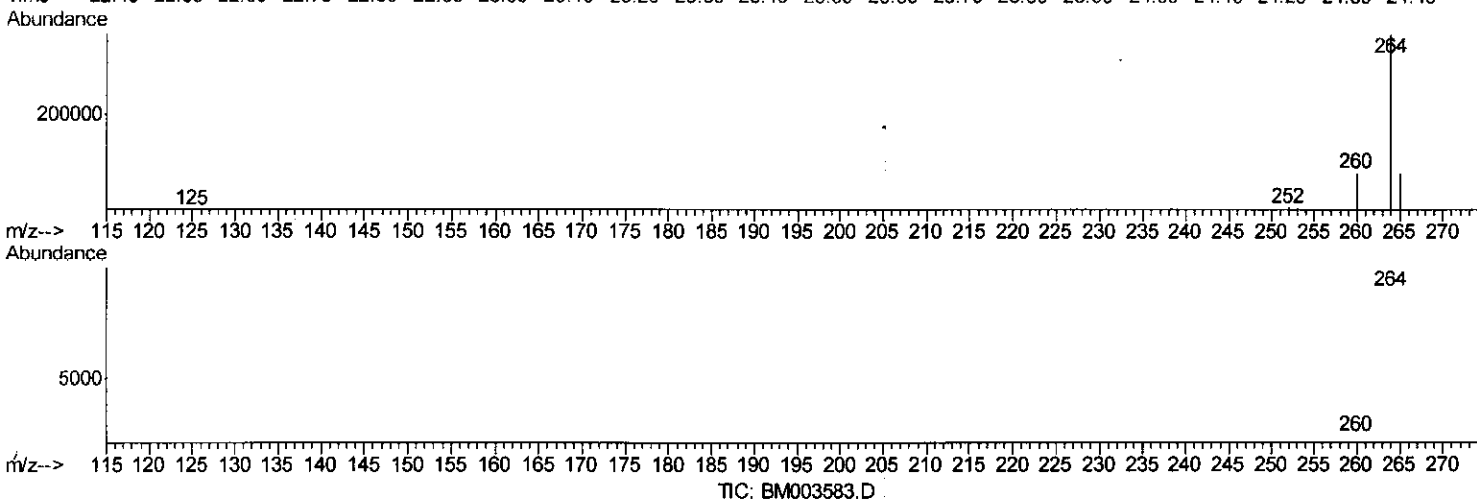
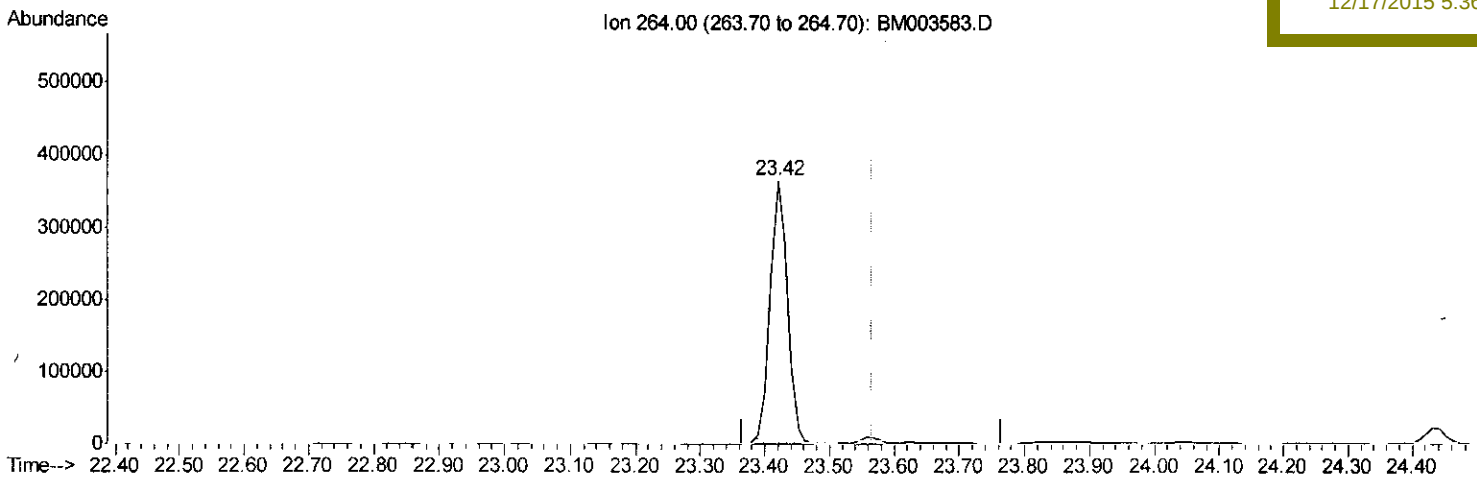
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
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(22) Perylene-d12 (I)

23.420min (-0.146) 0.40ng/ul

response 678085

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.17
265.00	38.20	21.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

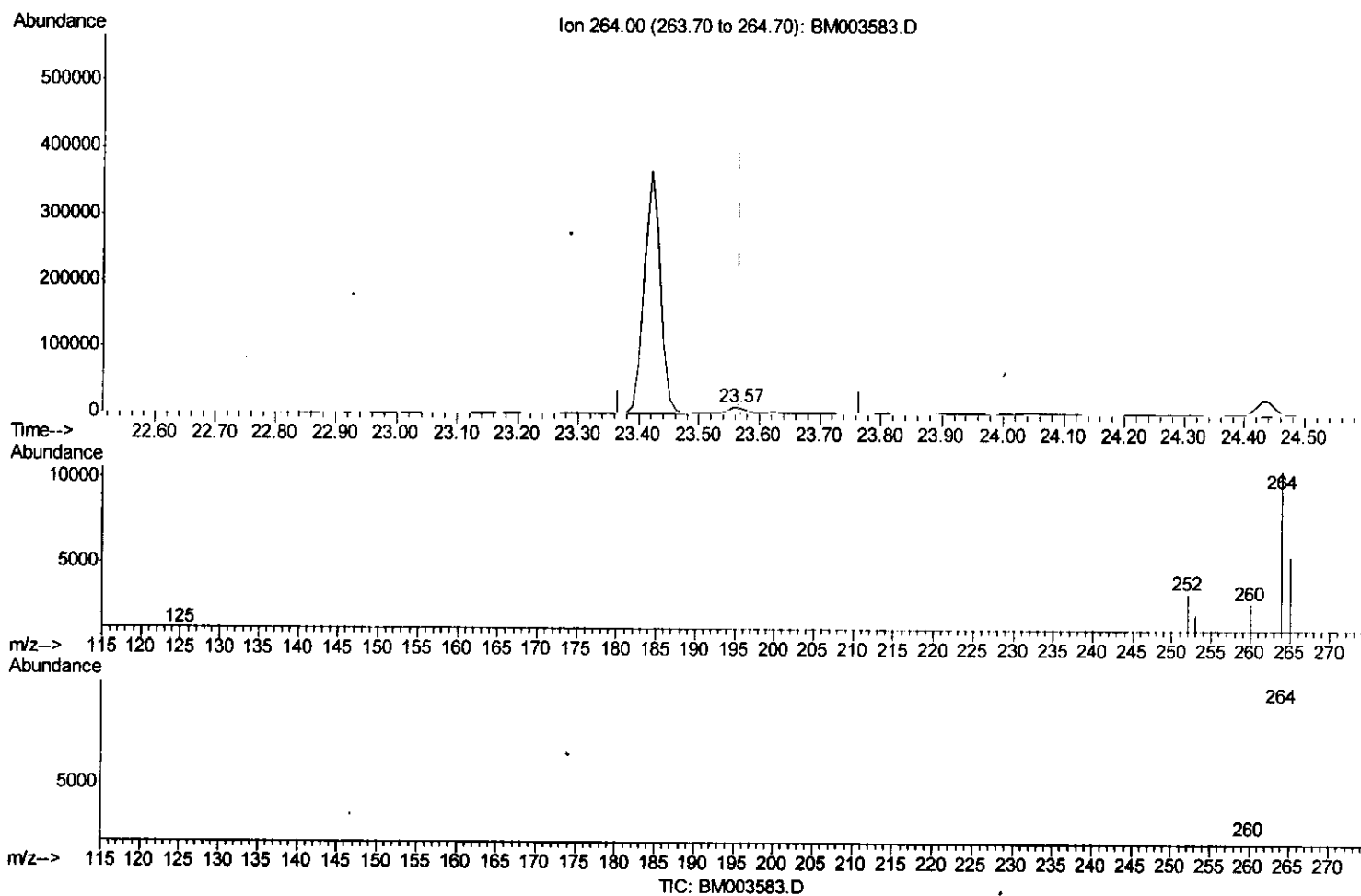
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
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(22) Perylene-d12 (I)

23.566min (-0.000) 0.40ng/ul m

response 27655

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.14
265.00	38.20	52.38#
0.00	0.00	0.00

U.M
 12/18/15

Quantitation Report (Qedit)

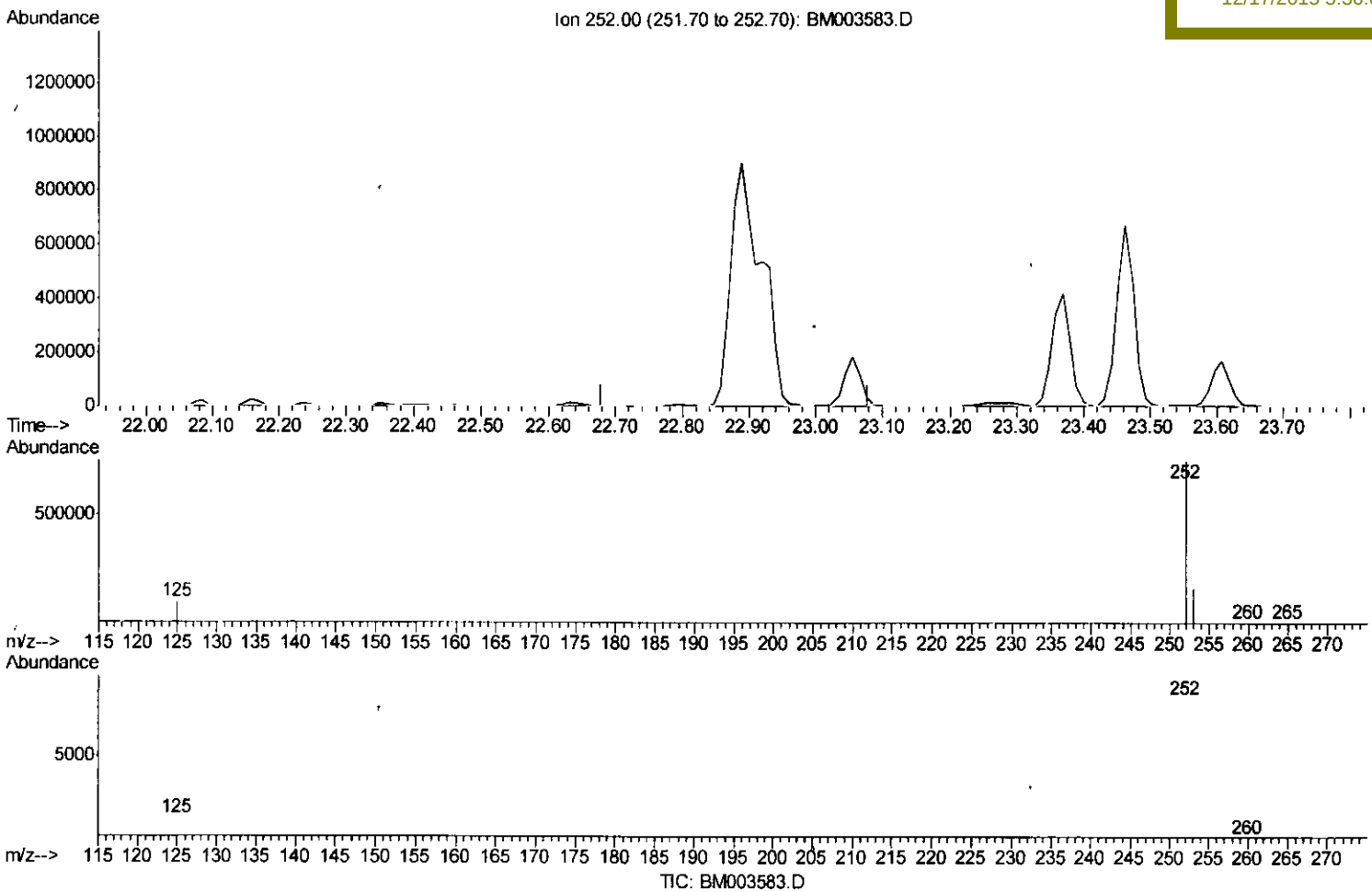
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
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(23) Benzo(b)fluoranthene

22.878min (-22.878) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

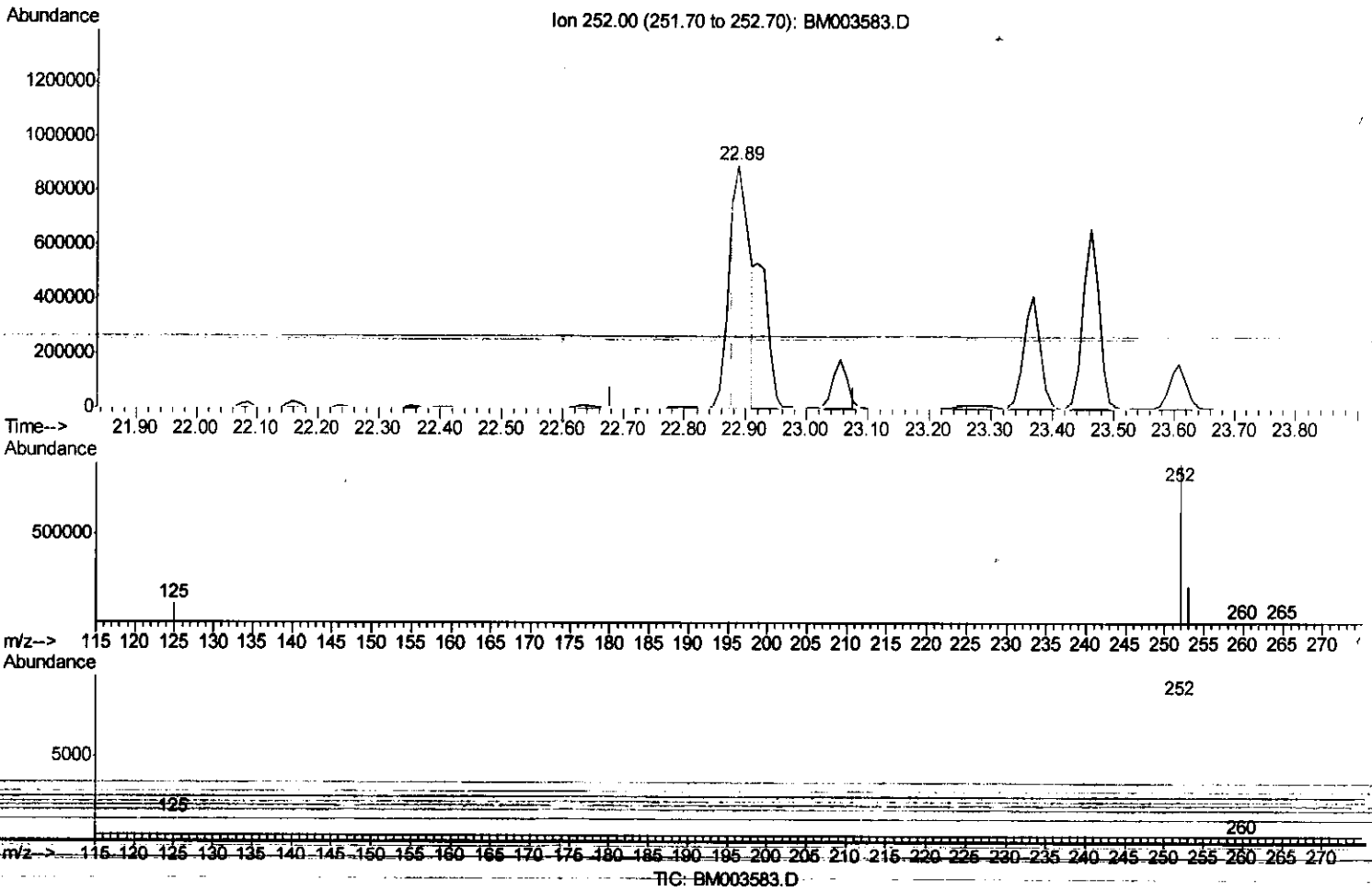
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9N29

Manual Integrations
 APPROVED

MMdadoda
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(23) Benzo(b)fluoranthene

22.888min (+0.010) 21.83ng/ul m *U.M*
12/16/15

response 2060753

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.14
125.00	14.40	11.94
0.00	0.00	0.00

Quantitation Report (Qedit)

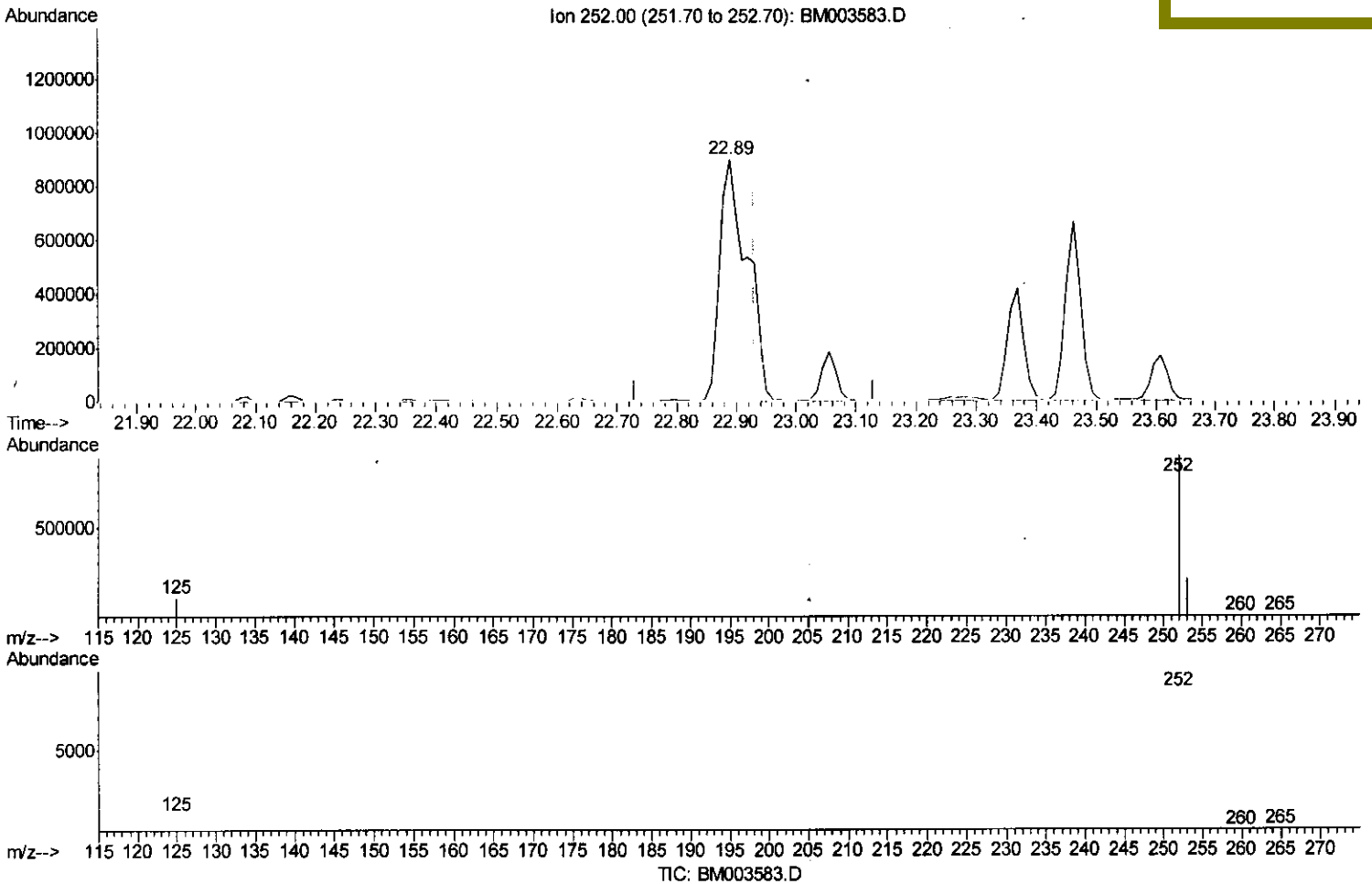
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:05 PM

Quant Time: Dec 17 03:00:51 2015
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(24) Benzo(k)fluoranthene

22.888min (-0.042) 33.19ng/ul

response 2840006

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.14
125.00	13.00	11.94
0.00	0.00	0.00

Quantitation Report (Qedit)

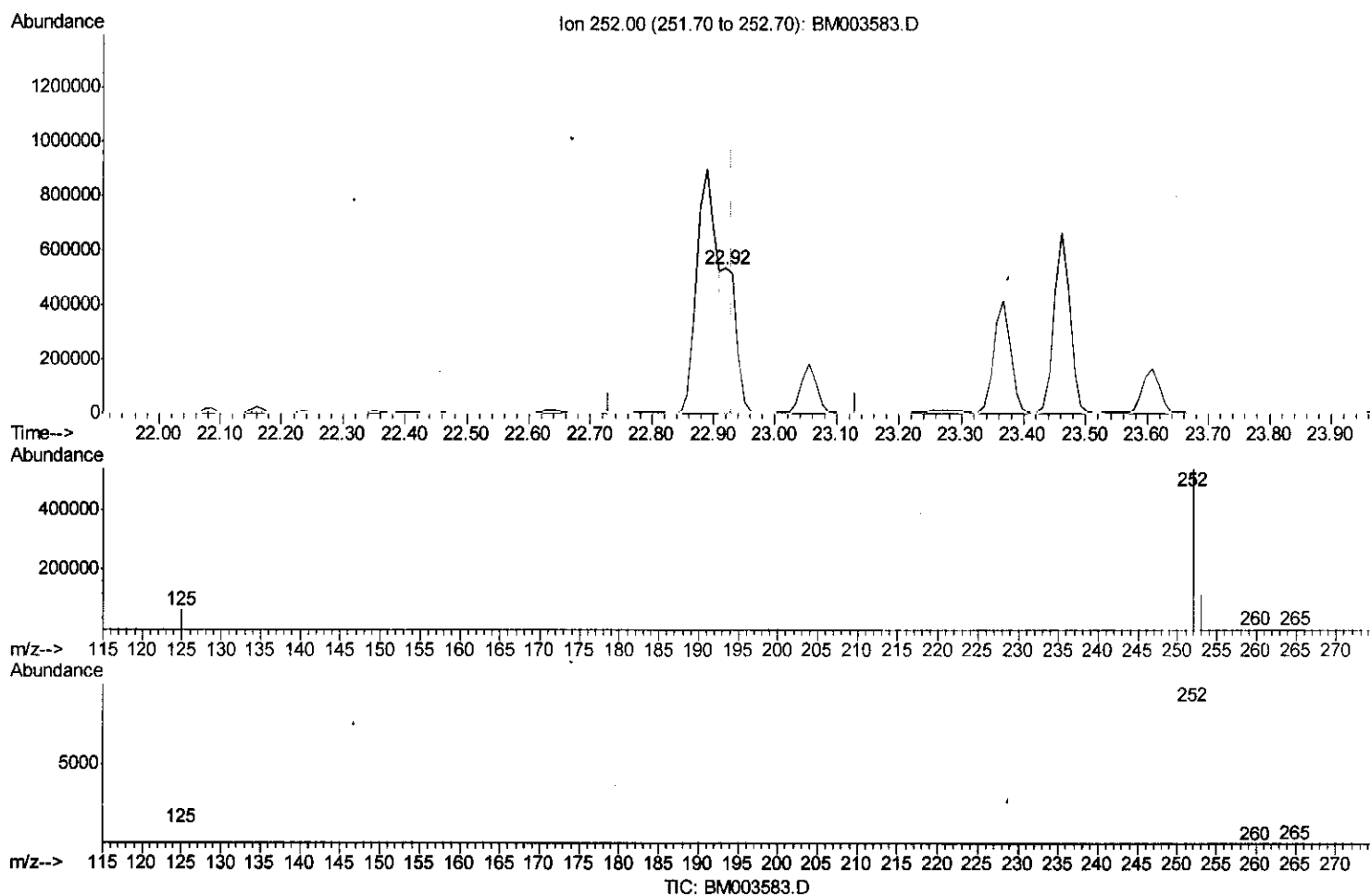
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:05 PM

Quant Time: Dec 17 03:00:51 2015
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(24) Benzo(k)fluoranthene

22.920min (-0.010) 9.68ng/ul m

response 828448

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.25
125.00	13.00	12.13
0.00	0.00	0.00

U.M
 12/18/15

Quantitation Report (Qedit)

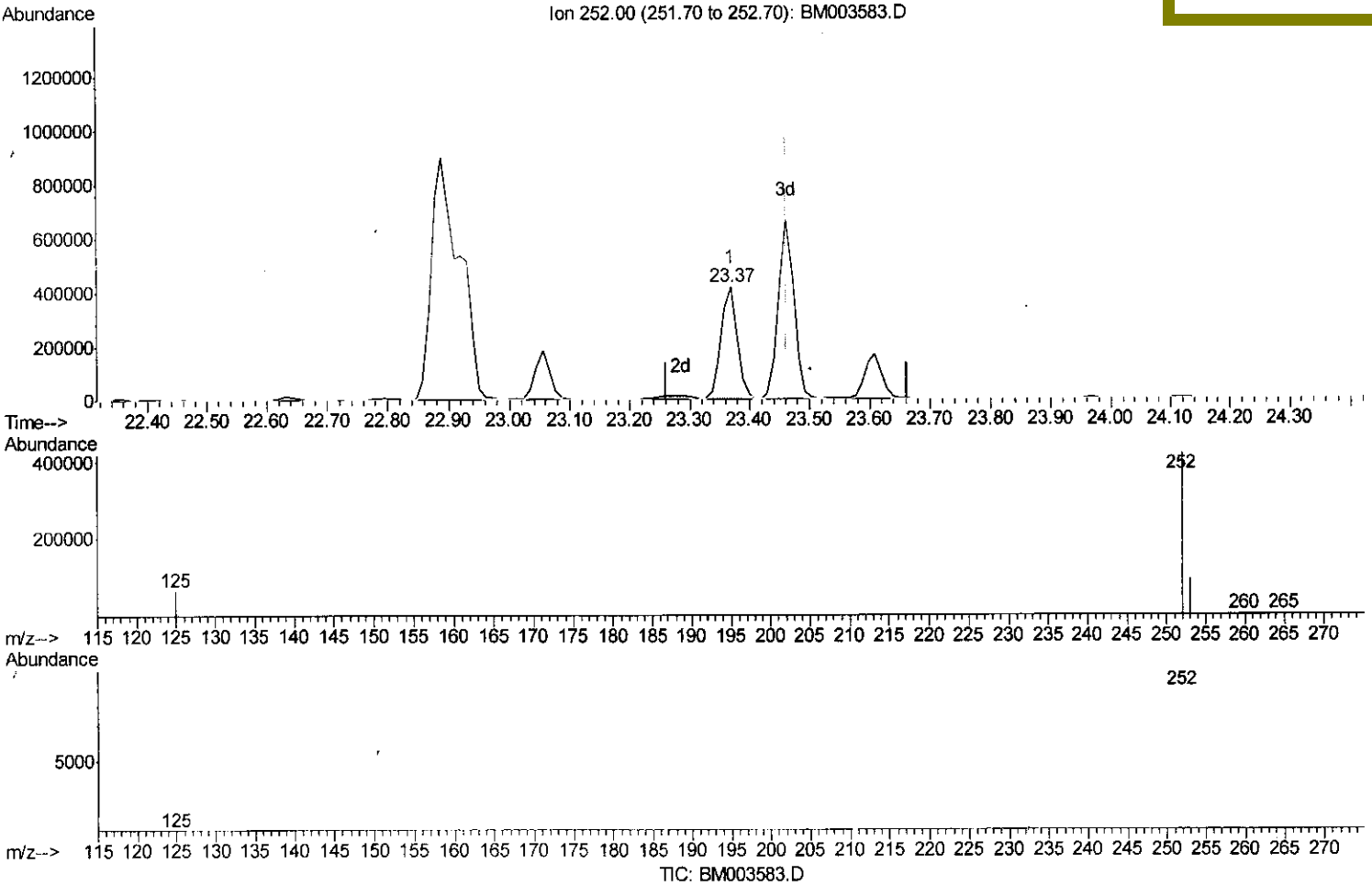
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 APPROVED

MMdadoda
 12/17/2015 5:36:05 PM



(25) Benzo(a)pyrene (C)

23.368min (-0.094) 9.73ng/ul

response 774615

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.26
125.00	15.90	15.61
0.00	0.00	0.00

Quantitation Report (Qedit)

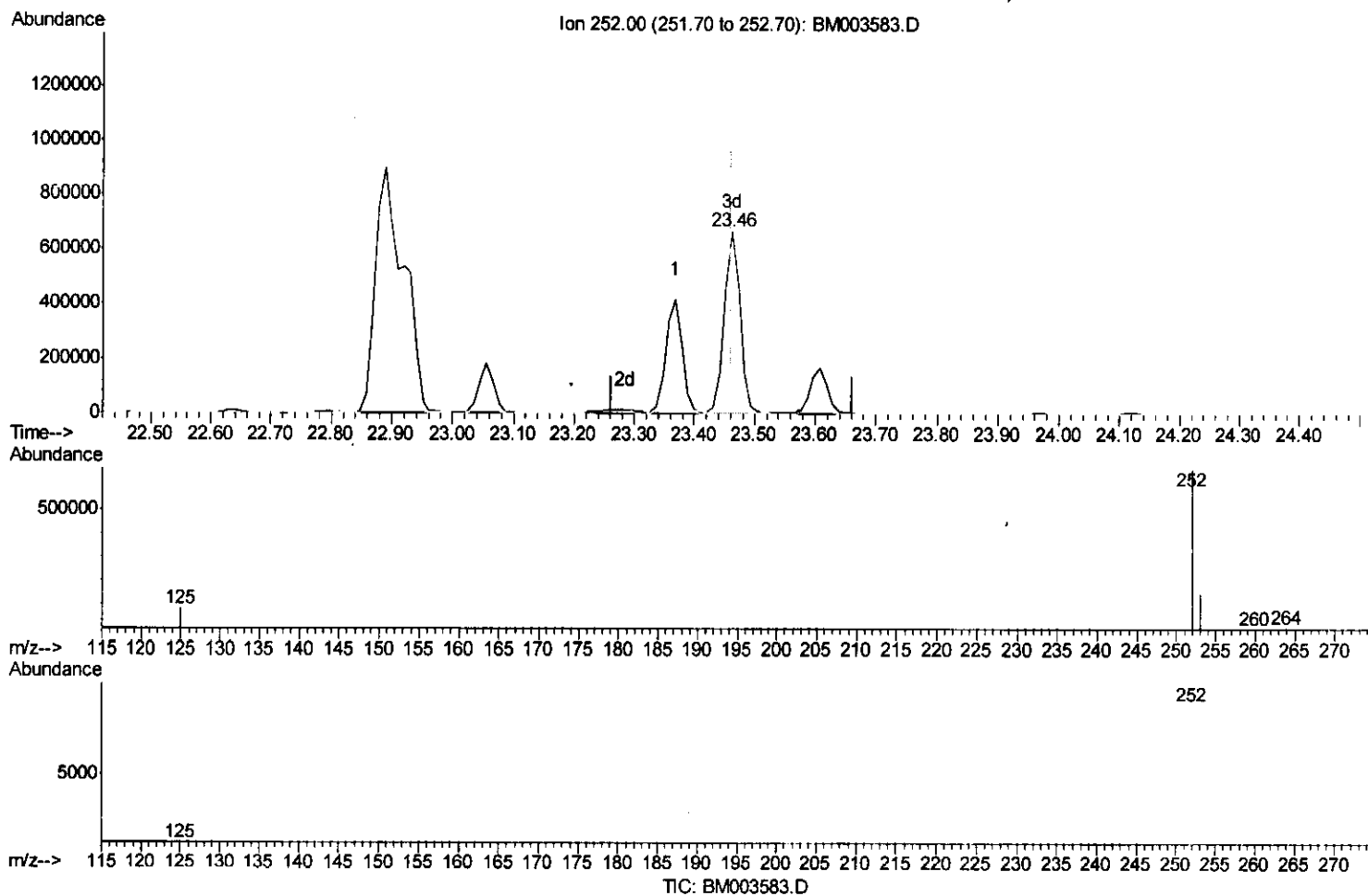
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMdadoda
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(25) Benzo(a)pyrene (C)

23.462min (-0.000) 15.25ng/ul m U.M
 response 1214283

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.20
125.00	15.90	12.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

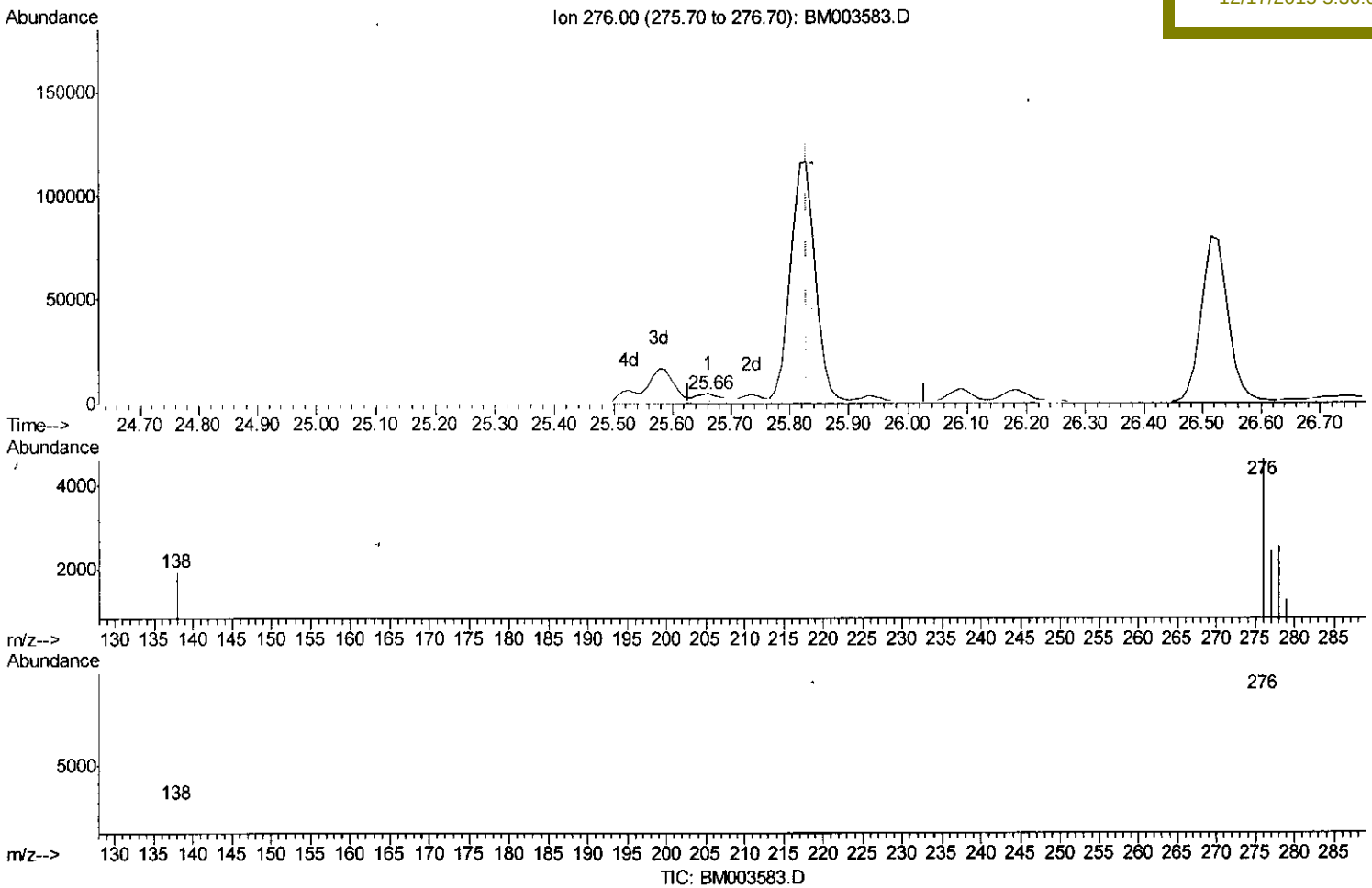
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 D9N29

Manual Integrations
APPROVED

MMdadoda
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(26) Indeno(1,2,3-cd)pyrene

25.661min (-0.167) 0.08ng/ul

response 7588

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	34.62#
277.00	24.80	59.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

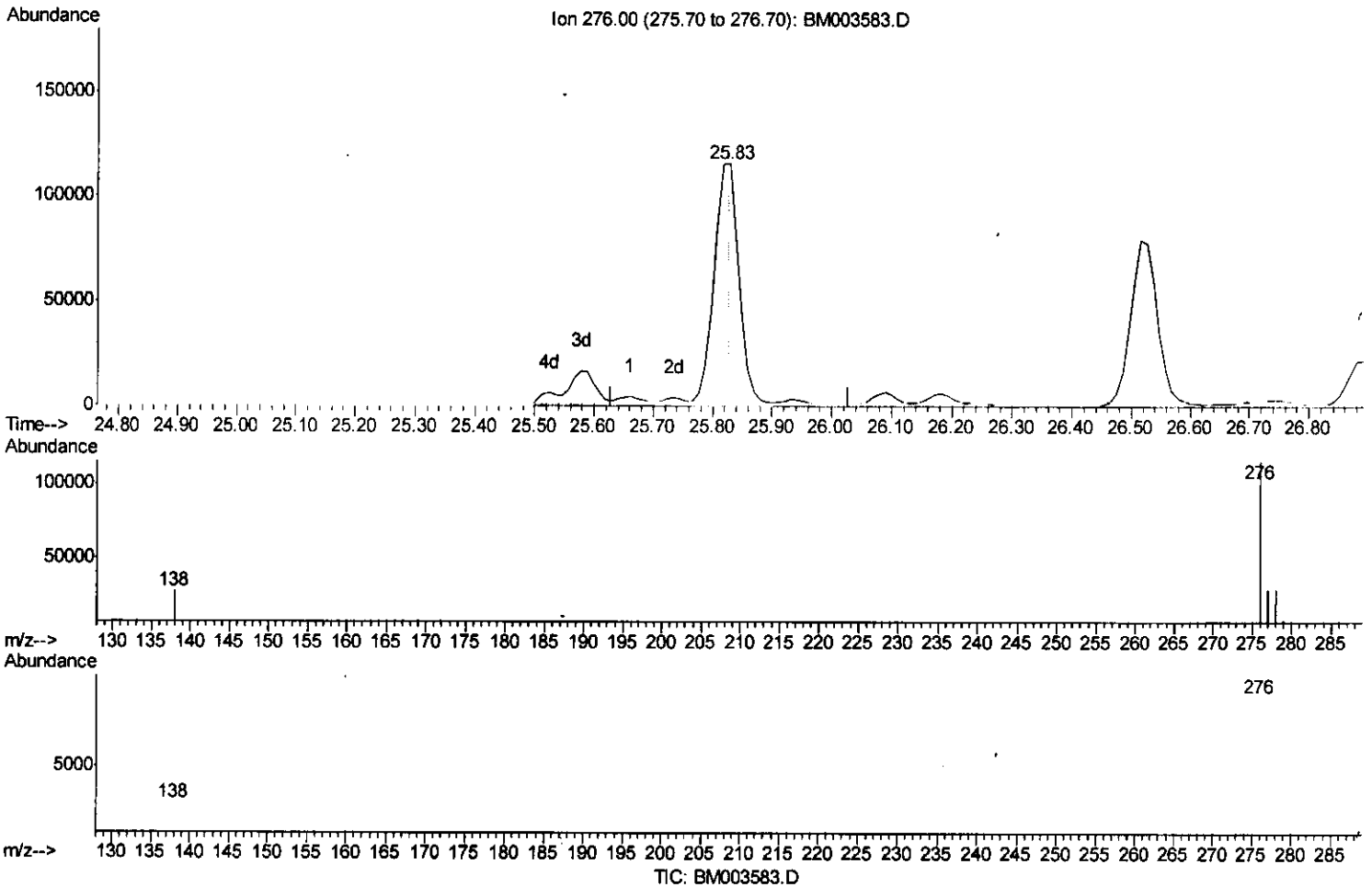
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(26) Indeno(1,2,3-cd)pyrene

25.828min (-0.000) 3.69ng/ul m

response 340524

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.77#
277.00	24.80	1.33#
0.00	0.00	0.00

U.M
 12/19/15

Quantitation Report (Qedit)

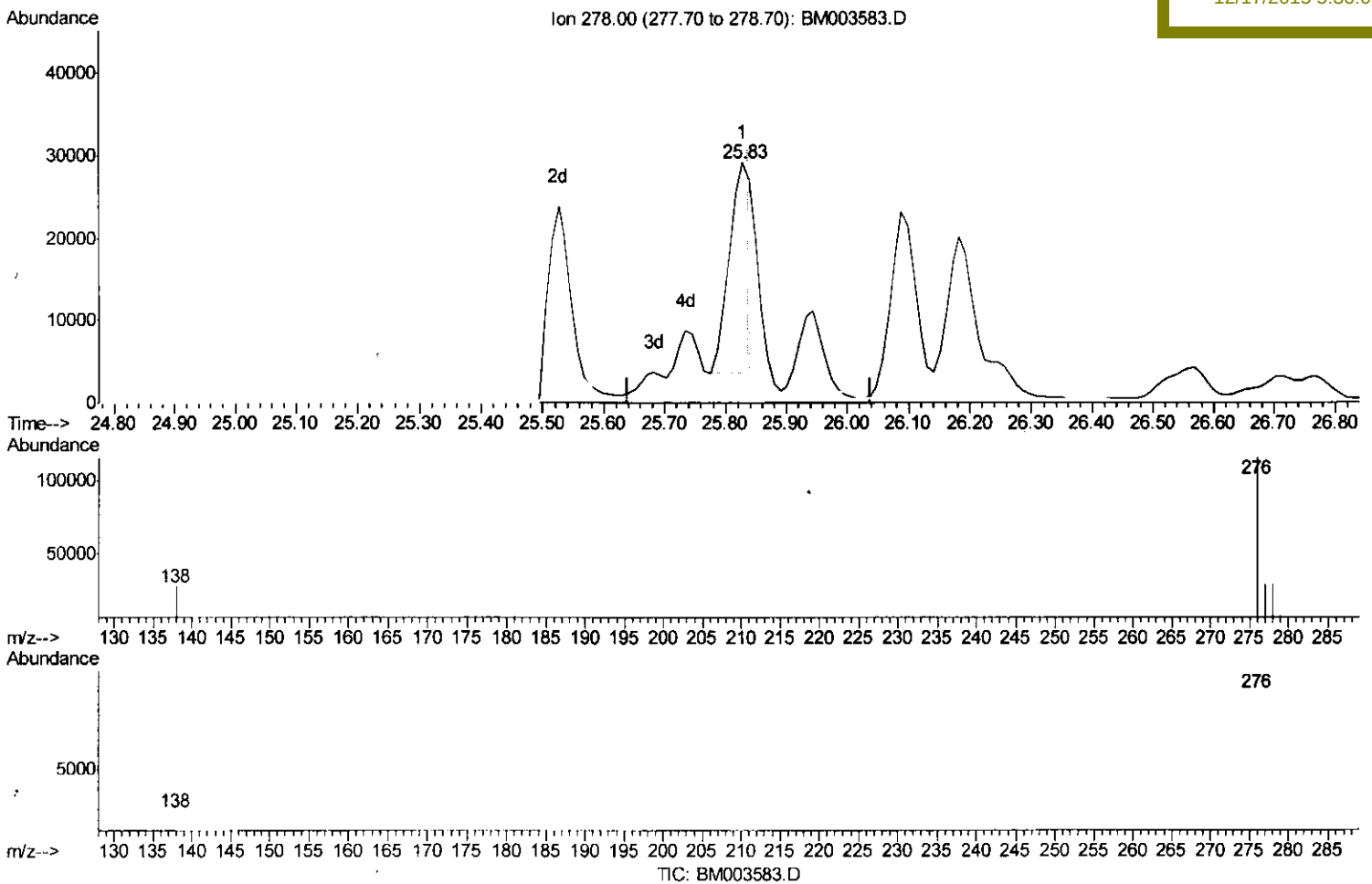
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(27) Dibenzo(a,h)anthracene

25.828min (-0.010) 0.82ng/ul

response 61116

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	21.43
279.00	25.20	25.94
0.00	0.00	0.00

Quantitation Report (Qedit)

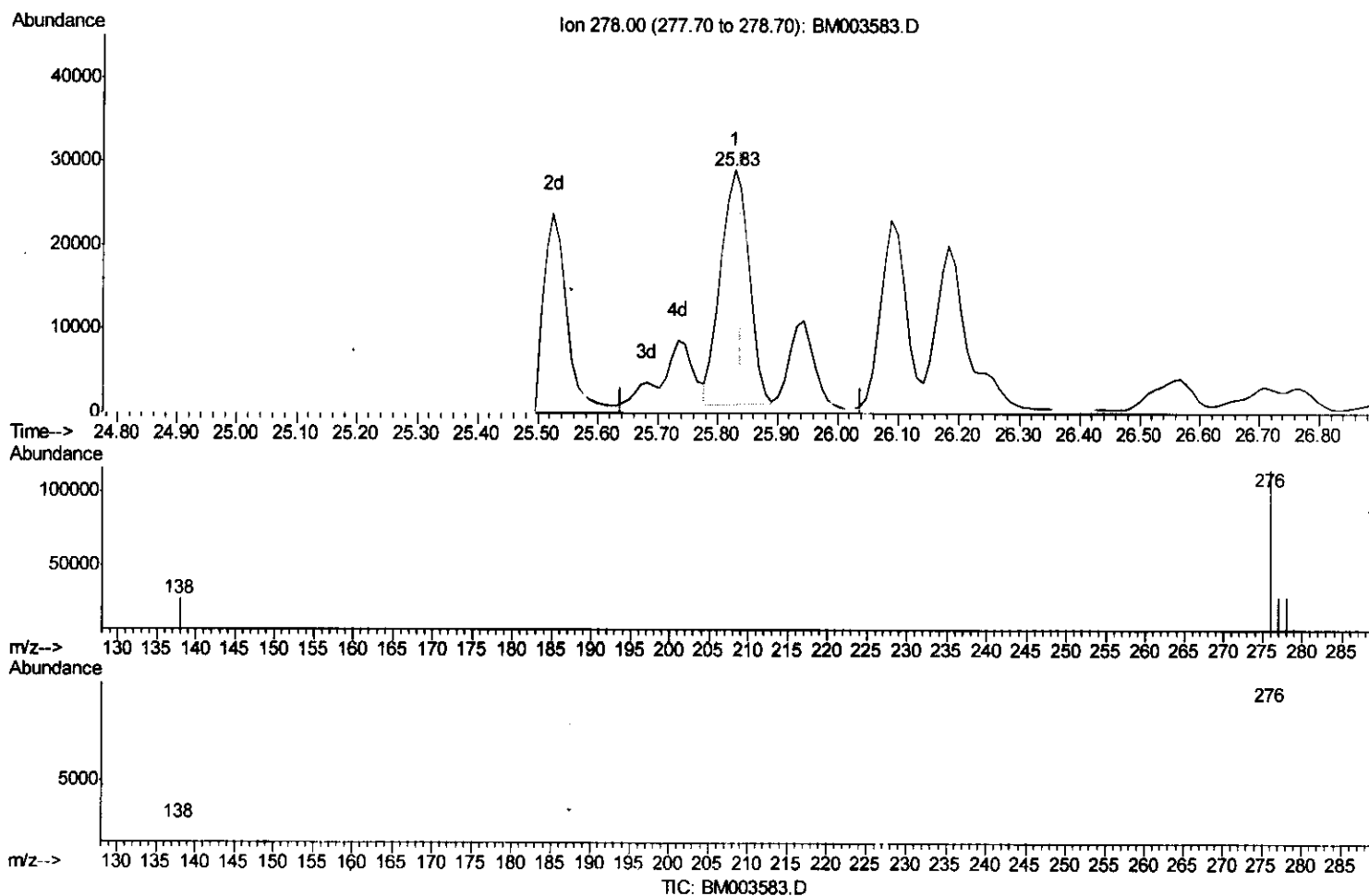
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(27) Dibenzo(a,h)anthracene

25.828min (-0.010) 1.24ng/ul m U.M
 12/18/15

response 92033

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	21.43
279.00	25.20	25.94
0.00	0.00	0.00

Quantitation Report (Qedit)

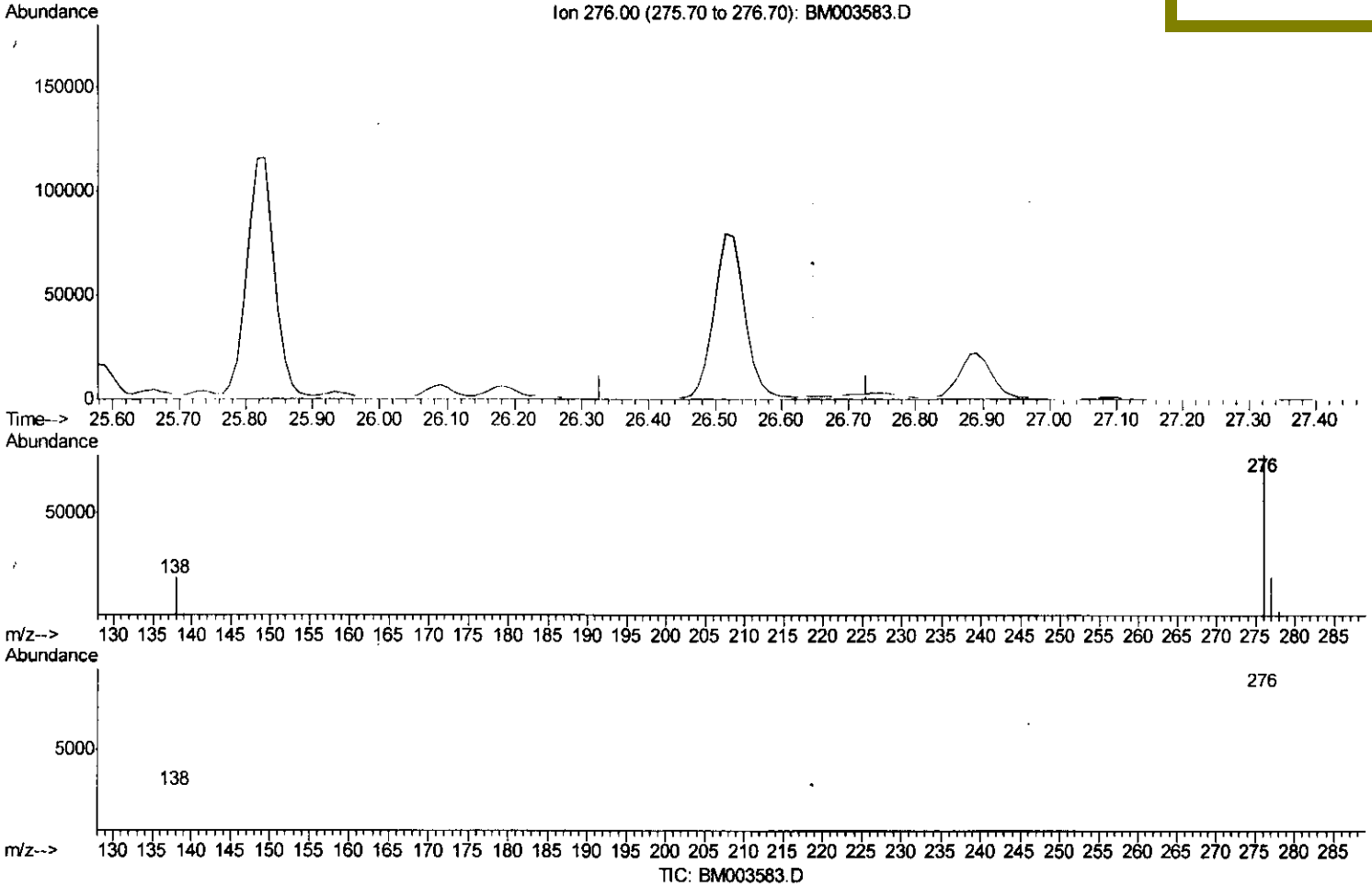
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(28) Benzo(g,h,i)perylene

26.526min (-26.526) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

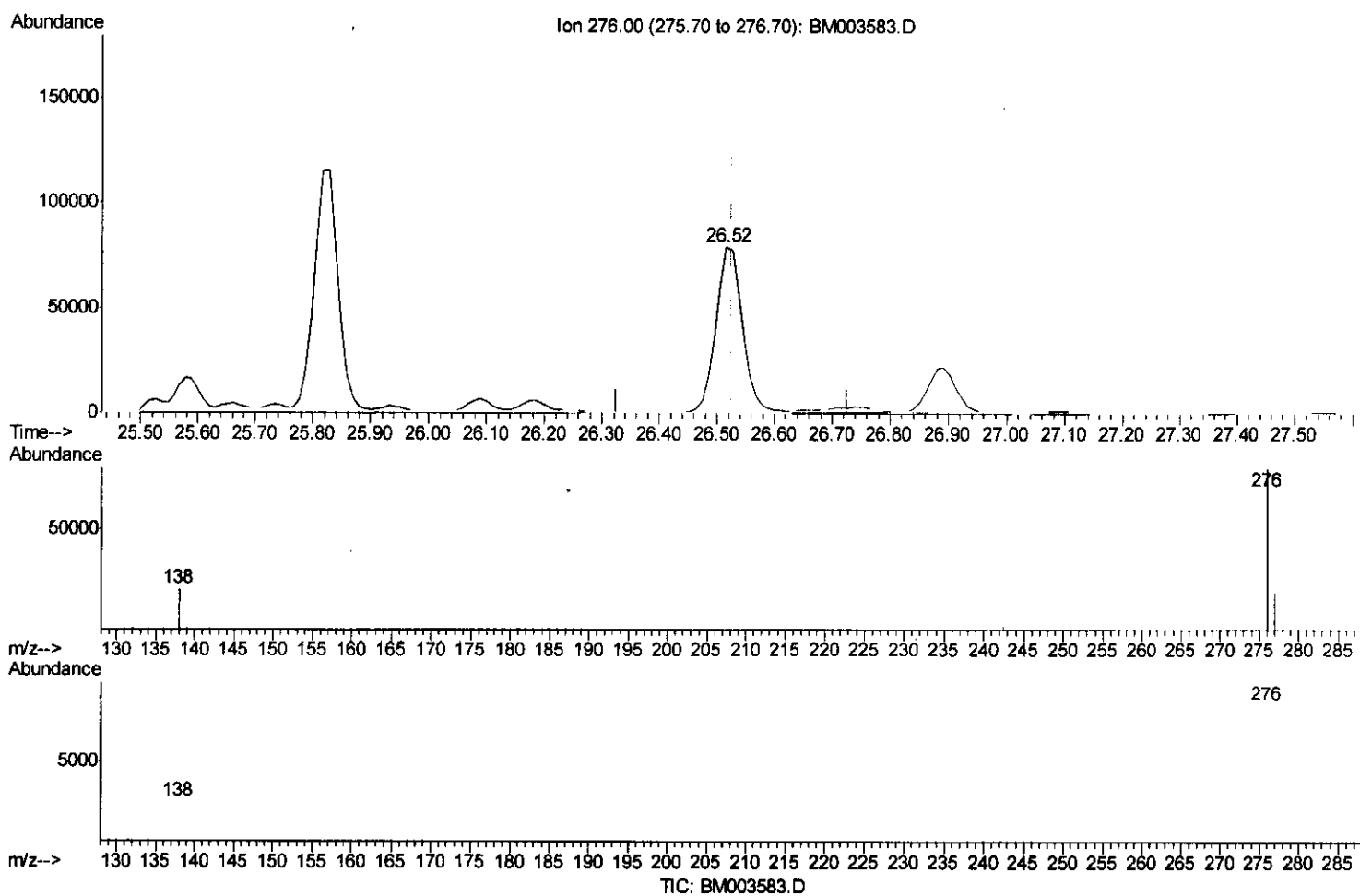
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(28) Benzo(g,h,i)perylene

26.516min (-0.010) 3.24ng/ul m

response 260436

Ion Exp% Act%

276.00 100 100

277.00 23.60 23.56

138.00 28.10 25.95

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	5237	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	22561	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.35	164	49633	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.12	188	27893	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	31008	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	27655m	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	13061	5.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4928	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.04	212	52364m	0.88	ng/ul	-0.11

Target Compounds

						Qvalue
5) Naphthalene	10.57	128	15541318	305.77	ng/ul#	93
7) 2-Methylnaphthalene	12.18	142	8810896	258.22	ng/ul	96
9) Acenaphthylene	14.07	152	1220861	6.44	ng/ul#	93
10) Acenaphthene	14.43	153	13063376	85.49	ng/ul#	83
11) Fluorene	15.44	166	12961181	76.51	ng/ul	95
13) Pentafluorophenol	16.80	266	358	0.09	ng/ul	96
14) Phenanthrene	17.19	178	30717693	426.97	ng/ul#	81
15) Anthracene	17.26	178	10266106	164.95	ng/ul#	90
17) Fluoranthene	19.21	202	20924119	267.82	ng/ul	85
19) Pyrene	19.57	202	15971372	190.80	ng/ul#	86
20) Benzo(a)anthracene	21.29	228	4679399	61.81	ng/ul#	90
21) Chrysene	21.36	228	3582179	41.30	ng/ul	95
23) Benzo(b)fluoranthene	22.89	252	2060753m	21.83	ng/ul	
24) Benzo(k)fluoranthene	22.92	252	828448m	9.68	ng/ul	
25) Benzo(a)pyrene	23.46	252	1214283m	15.25	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.83	276	340524m	3.69	ng/ul	
27) Dibenzo(a,h)anthracene	25.83	278	92033m	1.24	ng/ul	
28) Benzo(a,b,i)perylene	26.52	276	260436m	3.24	ng/ul	

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