

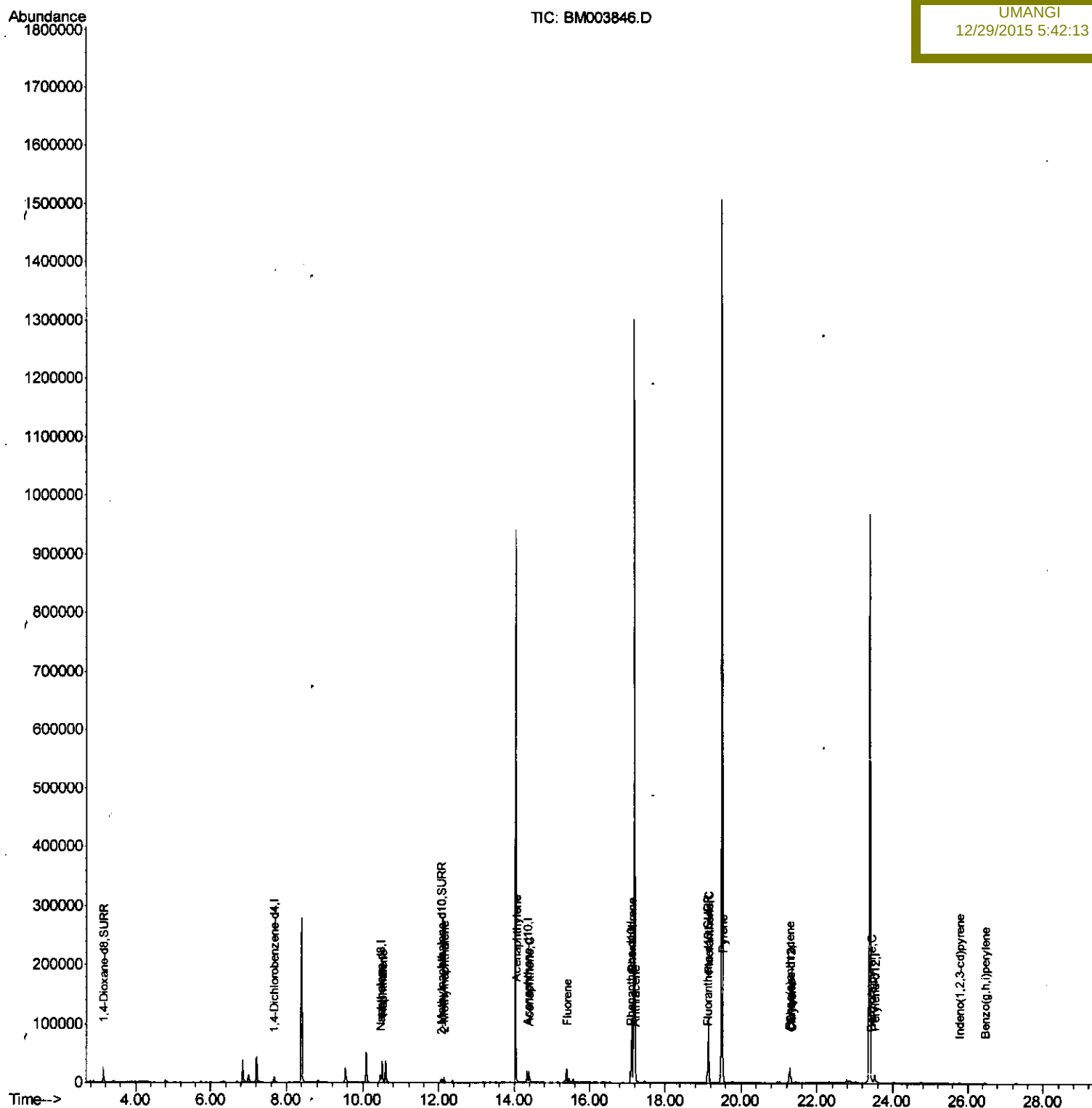
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:28:14 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 : Tue Dec 29 08:19:02 2015
Response via : Initial Calibration

Instrument :
BNA M
ClientSampleId :
D9N57

Manual Integrations
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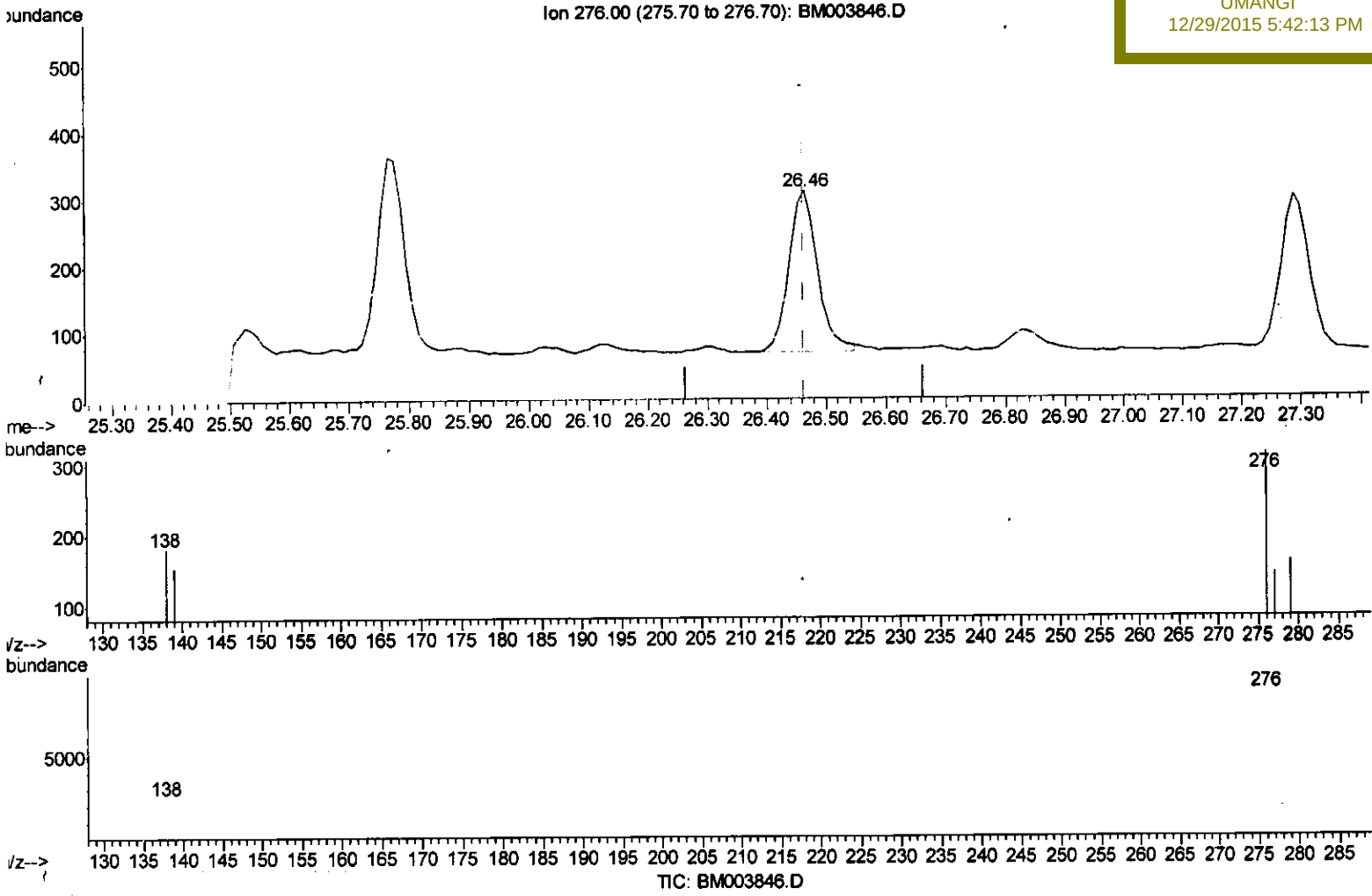


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 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 : Tue Dec 29 08:19:02 2015
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations
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(28) Benzo(g,h,i)perylene

26.464min (+0.000) 0.02ng/ul m

response 789

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	46.13#
138.00	28.10	58.39#
0.00	0.00	0.00

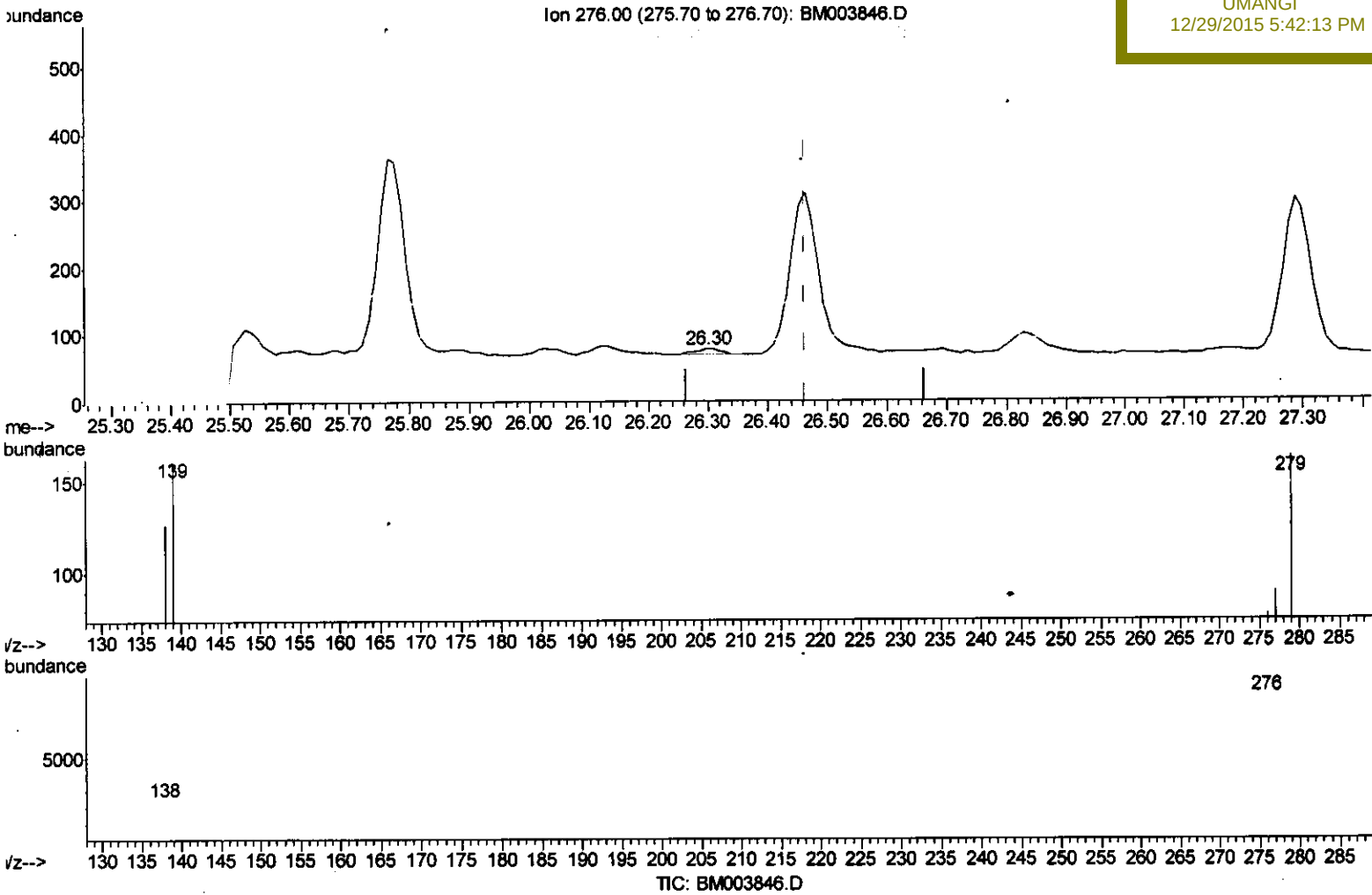
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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 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 : Tue Dec 29 08:19:02 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
D9N57

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

26.297min (-0.167) 0.00ng/ui

response 24

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	115.58#
138.00	28.10	164.94#
0.00	0.00	0.00

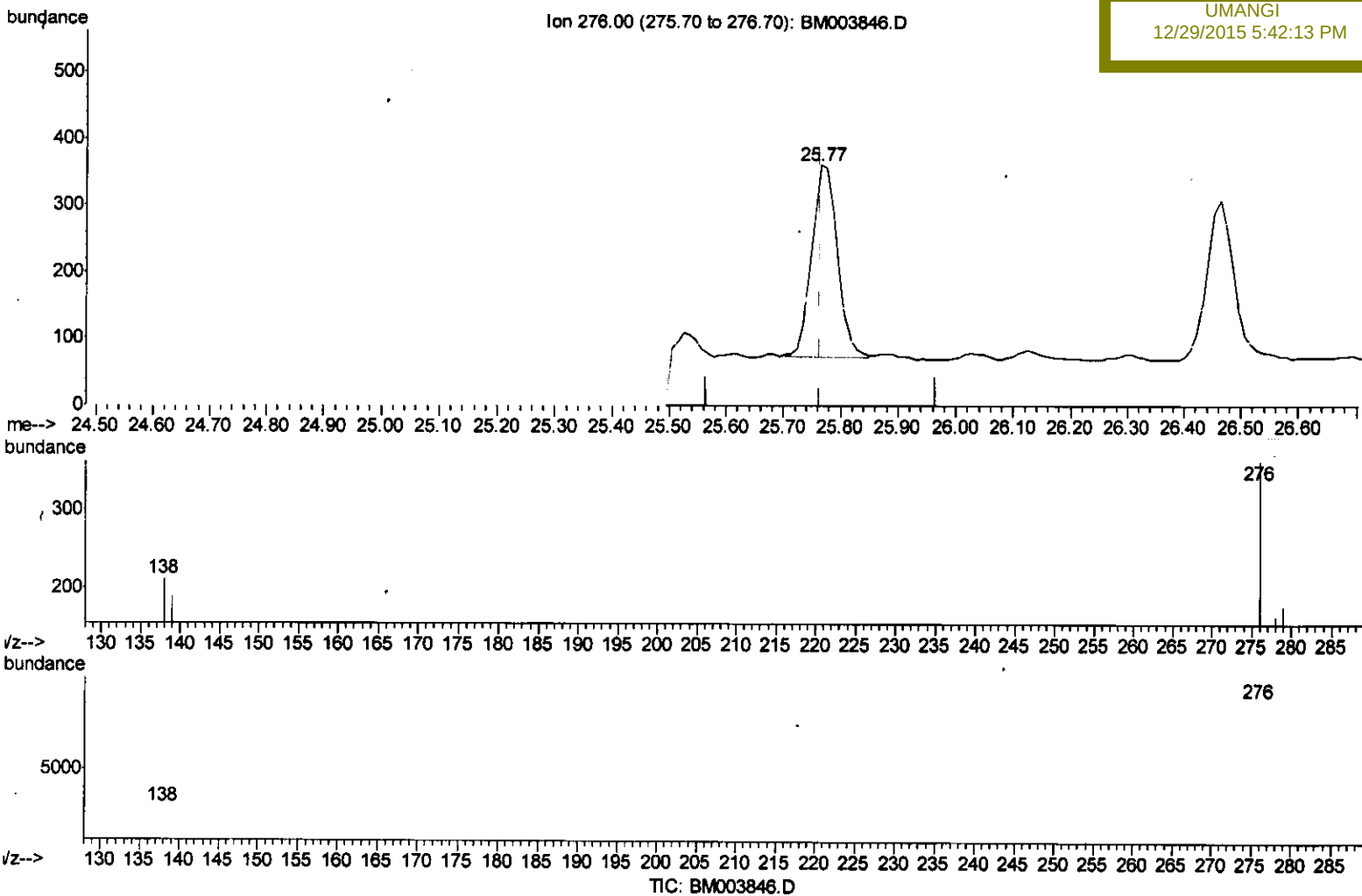
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 *ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 2015
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 QLast Update : Tue Dec 29 08:19:02 2015
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Instrument :
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 ClientSampled :
 D9N57

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

25.766min (+0.000) 0.02ng/ul m

response 899

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	40.38#
277.00	24.80	0.00#
0.00	0.00	0.00

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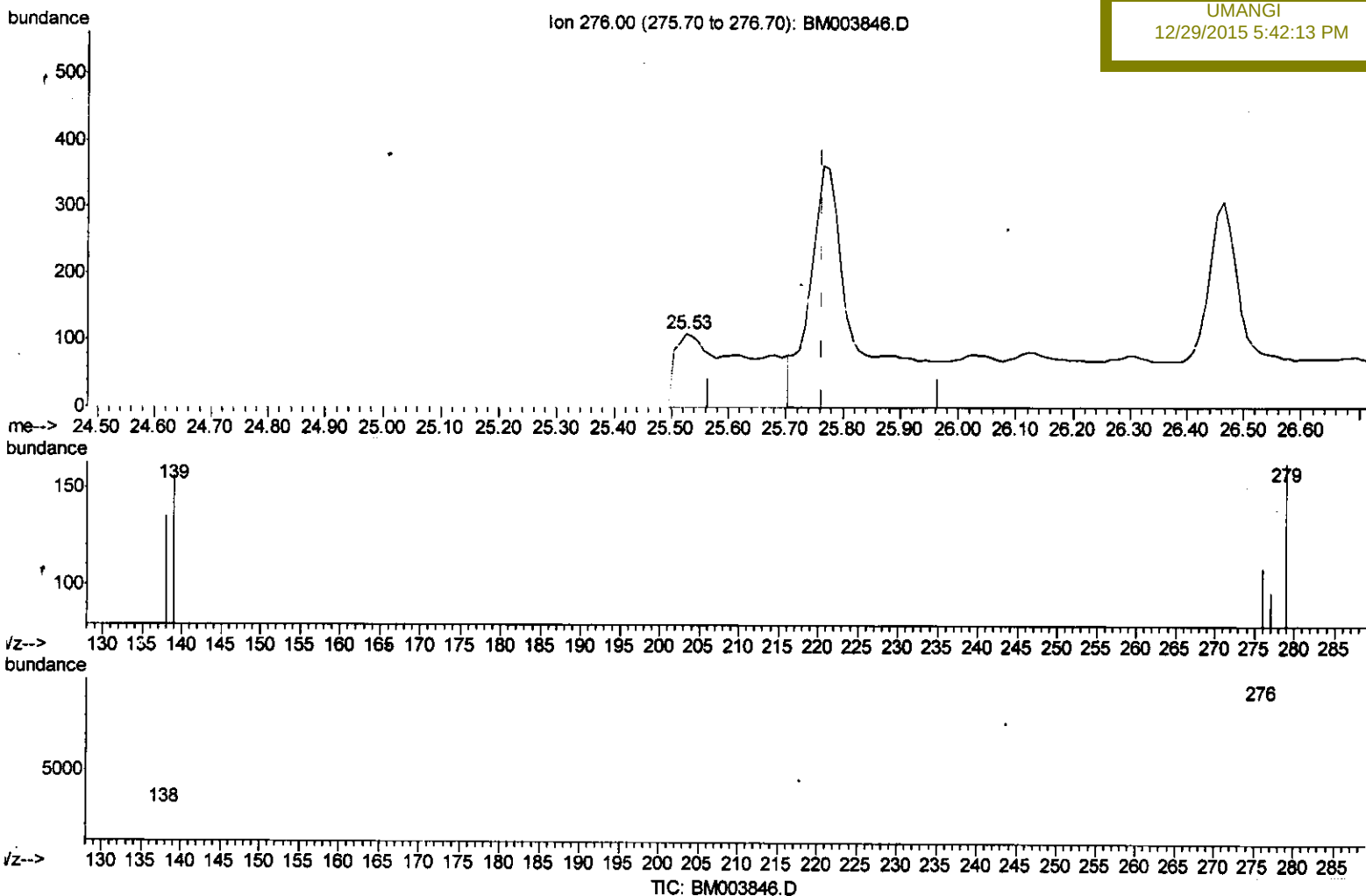
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Instrument :
 BNA_M
 Client Sample ID :
 D9N57

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

25.526min (-0.240) 0.02ng/ul

response 1021

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	35.55#
277.00	24.80	0.00#
0.00	0.00	0.00

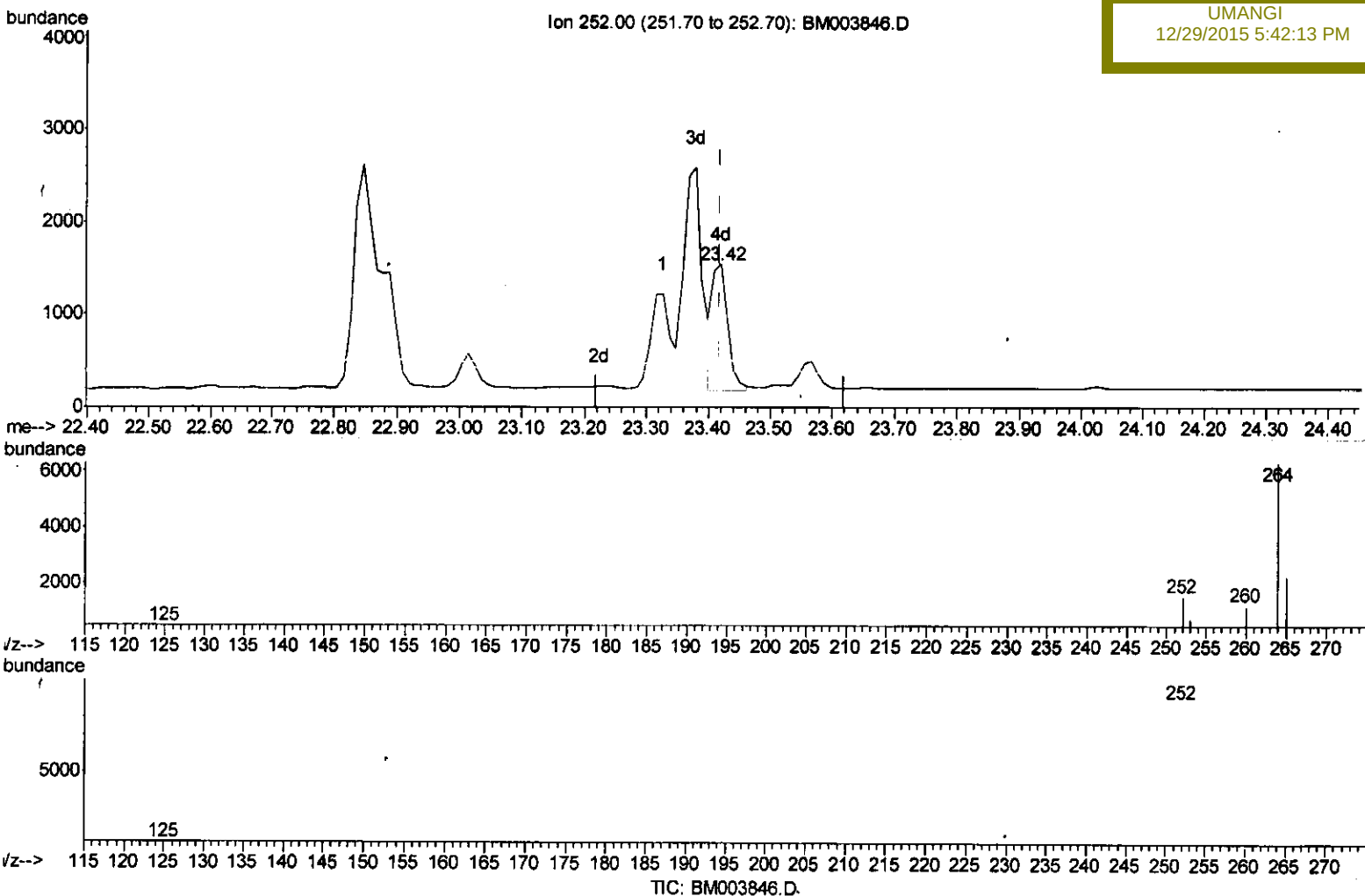
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Manual Integrations
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(25) Benzo(a)pyrene (C)

23.420min (+0.000) 0.06ng/ul m

response 2336

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	47.67#
125.00	15.90	33.20#
0.00	0.00	0.00

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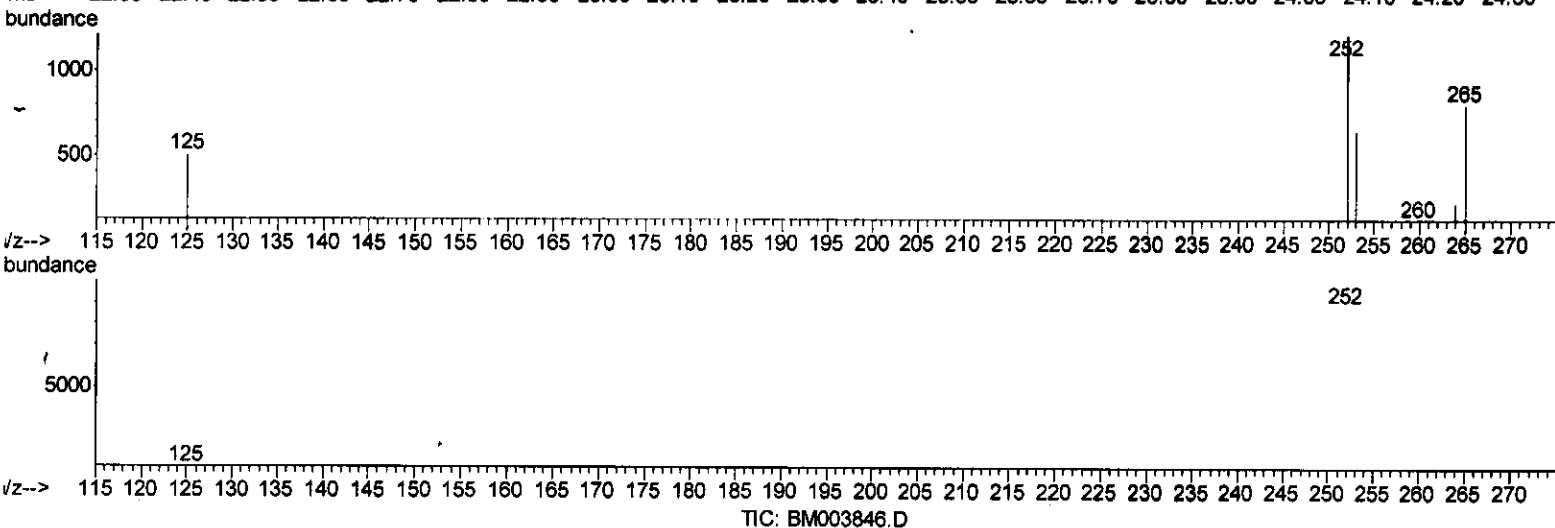
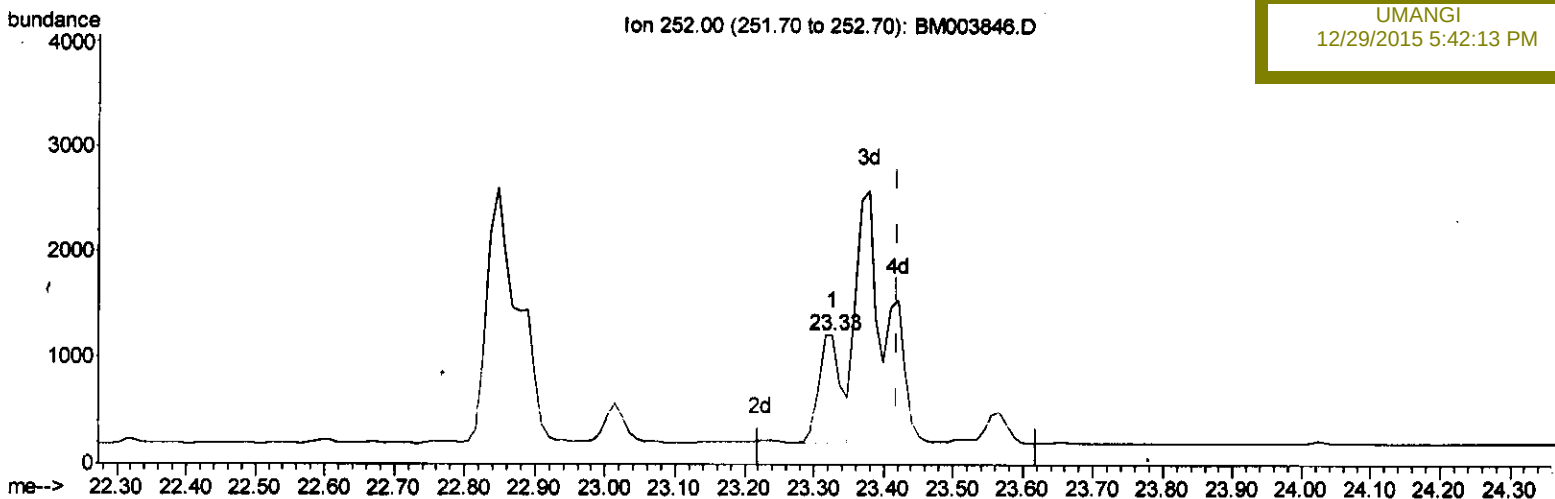
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:26:12 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 : Tue Dec 29 08:19:02 2015
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Instrument :
BNA_M
ClientSampleId :
D9N57

Manual Integrations
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(25) Benzo(a)pyrene (C)

23.326min (-0.094) 0.05ng/ul

response 2265

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	53.28#
125.00	15.90	40.82#
0.00	0.00	0.00

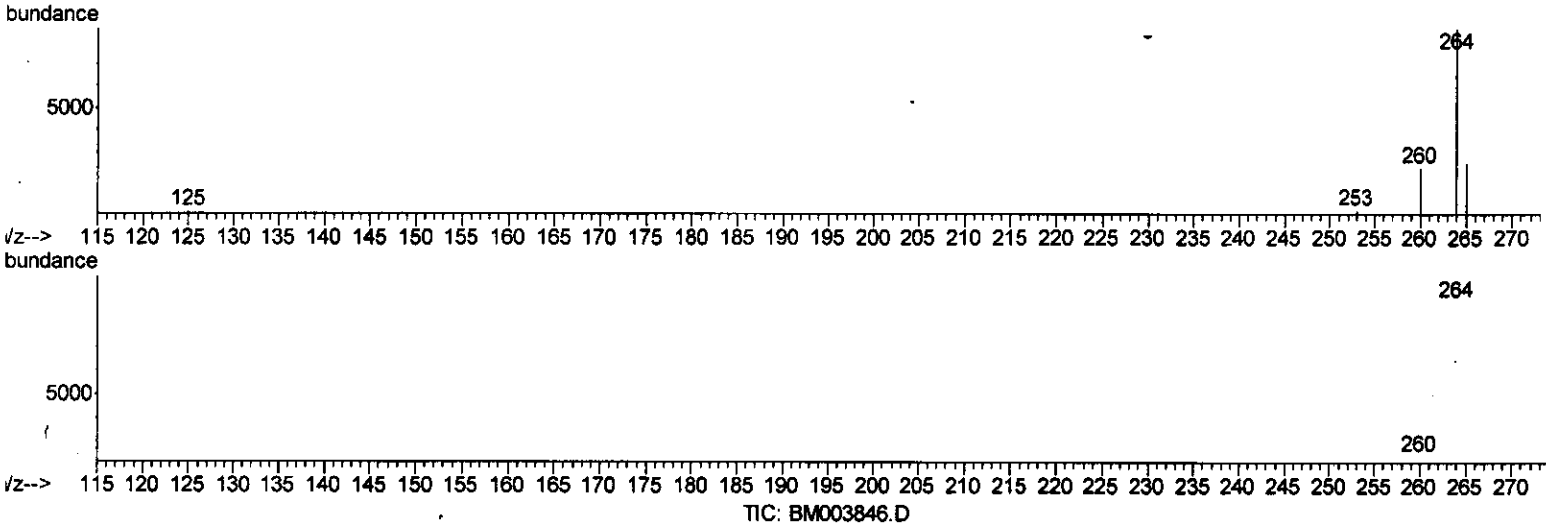
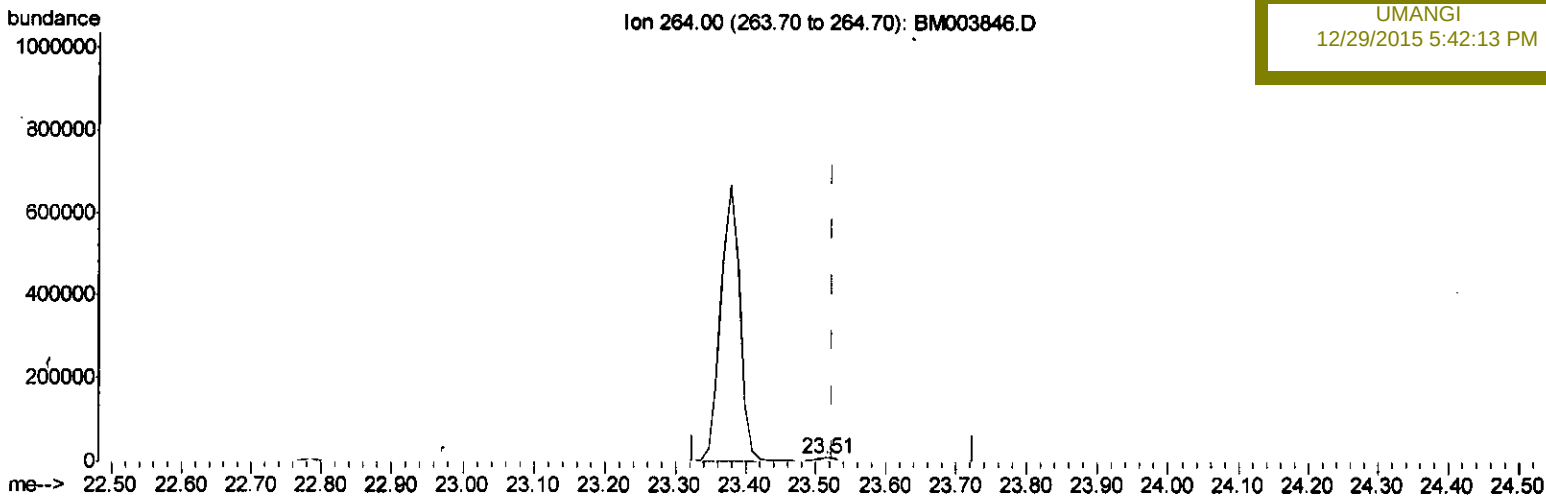
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:25:03 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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(22) Perylene-d12 (I)

23.514min (-0.010) 0.40ng/ul m

response 14552

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.87
265.00	38.20	29.35#
0.00	0.00	0.00

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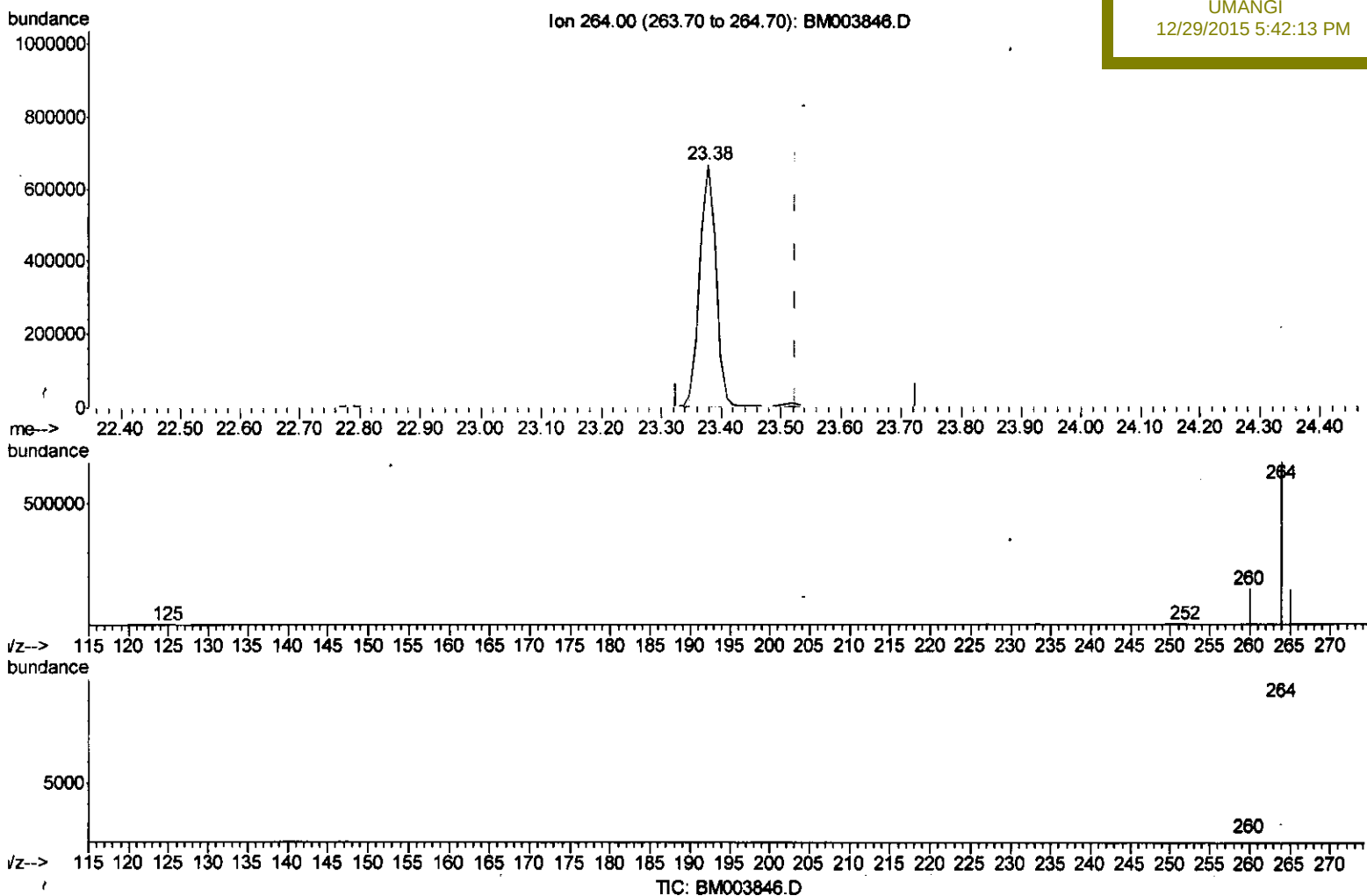
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:25:03 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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(22) Perylene-d12 (I)

23.378min (-0.146) 0.40ng/ul

response 1224991

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.86
265.00	38.20	21.55#
0.00	0.00	0.00

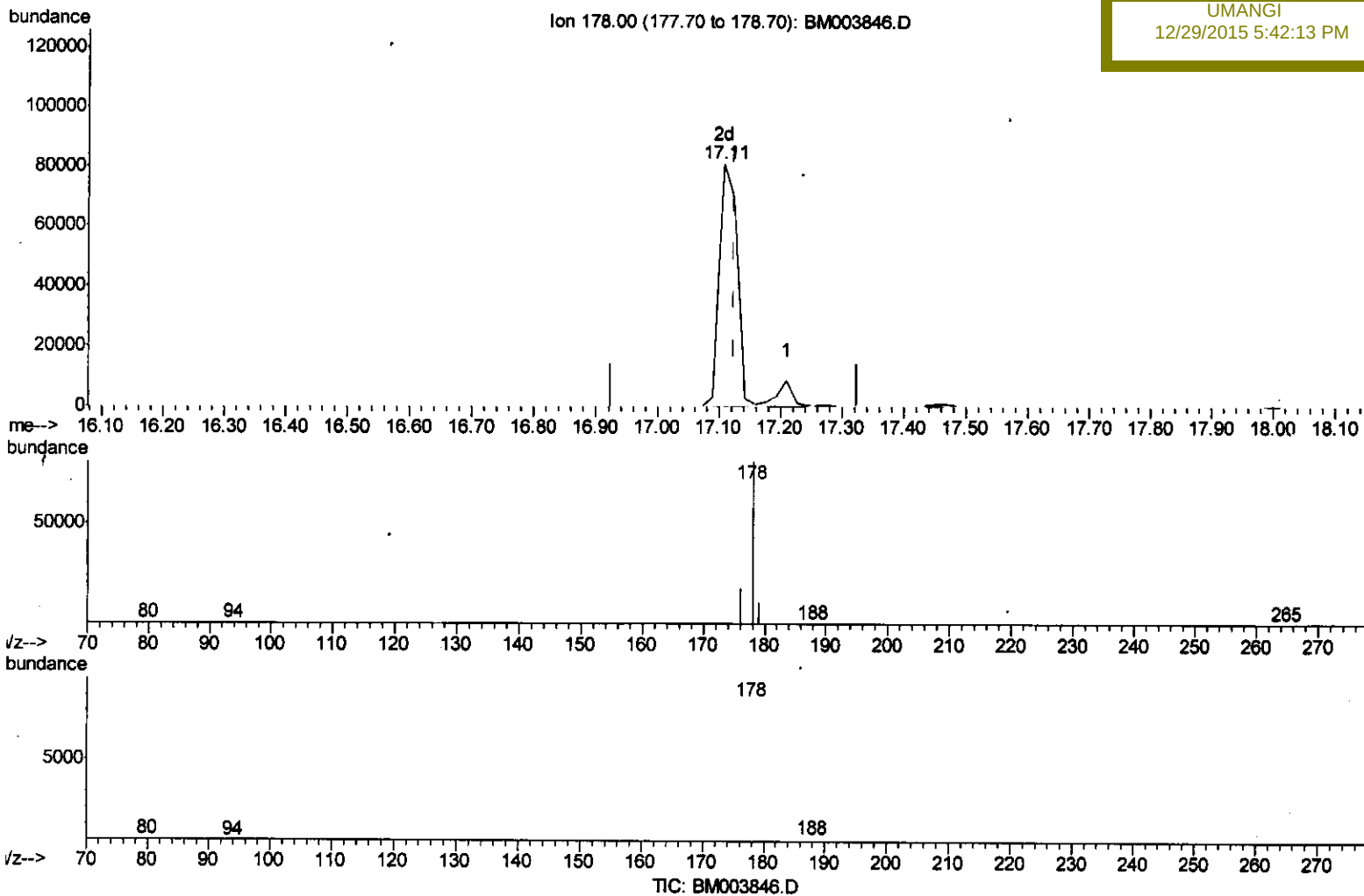
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:25:03 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 : Tue Dec 29 08:19:02 2015
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Instrument :
 BNA_M
 ClientSampleID :
 D9N57

Manual Integrations
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(14) Phenanthrene

17.108min (-0.017) 2.50ng/ul m

response 161554

Ion Exp% Act%

178.00 100 100

176.00 16.20 22.18#

179.00 17.70 13.38#

0.00 0.00 0.00

U.M
 12/31/15

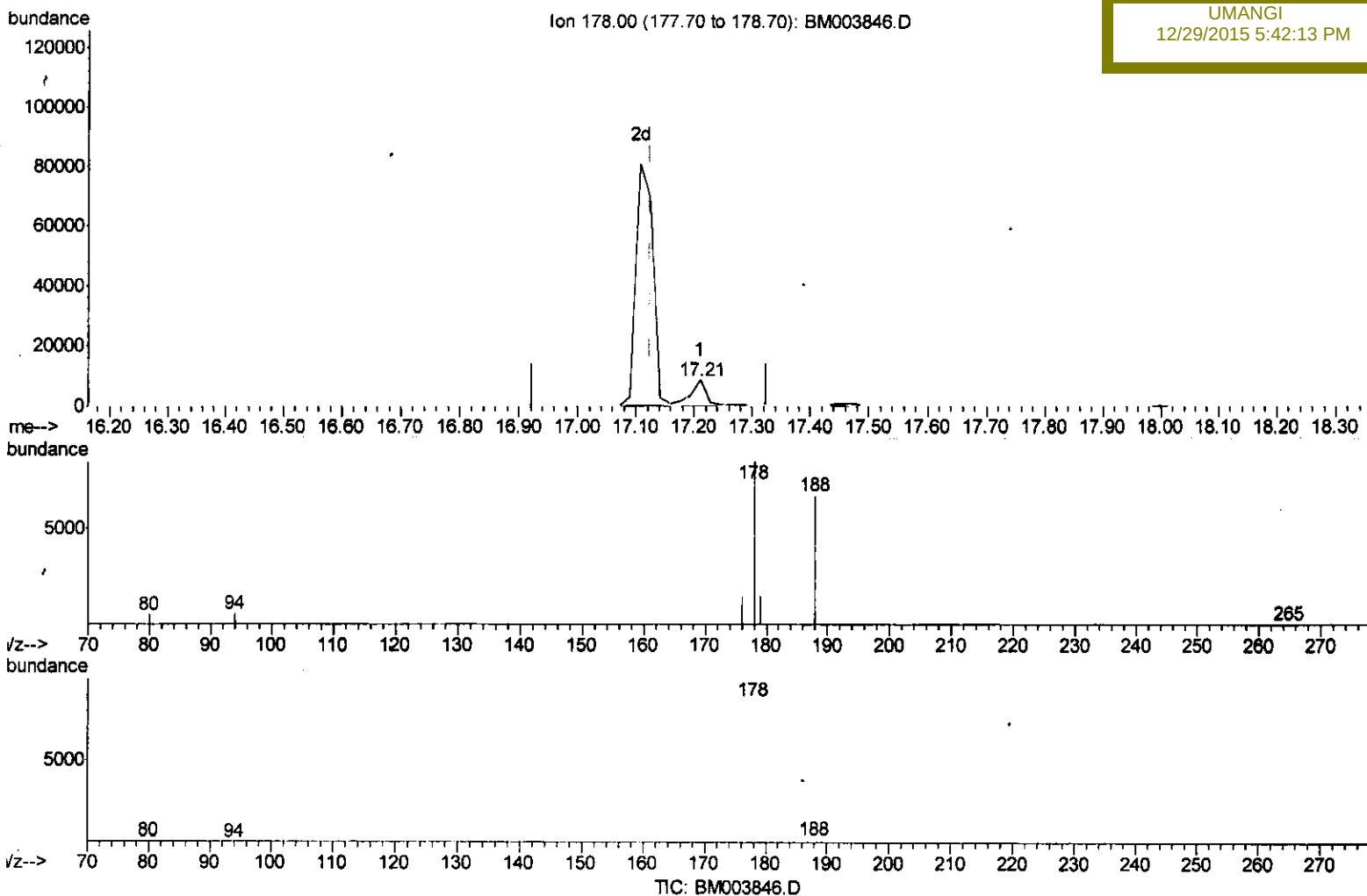
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:25:03 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 : Tue Dec 29 08:19:02 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N57

Manual Integrations
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(14) Phenanthrene

17.211min (+0.086) 0.24ng/ul

response 15361

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.64
179.00	17.70	18.03
0.00	0.00	0.00

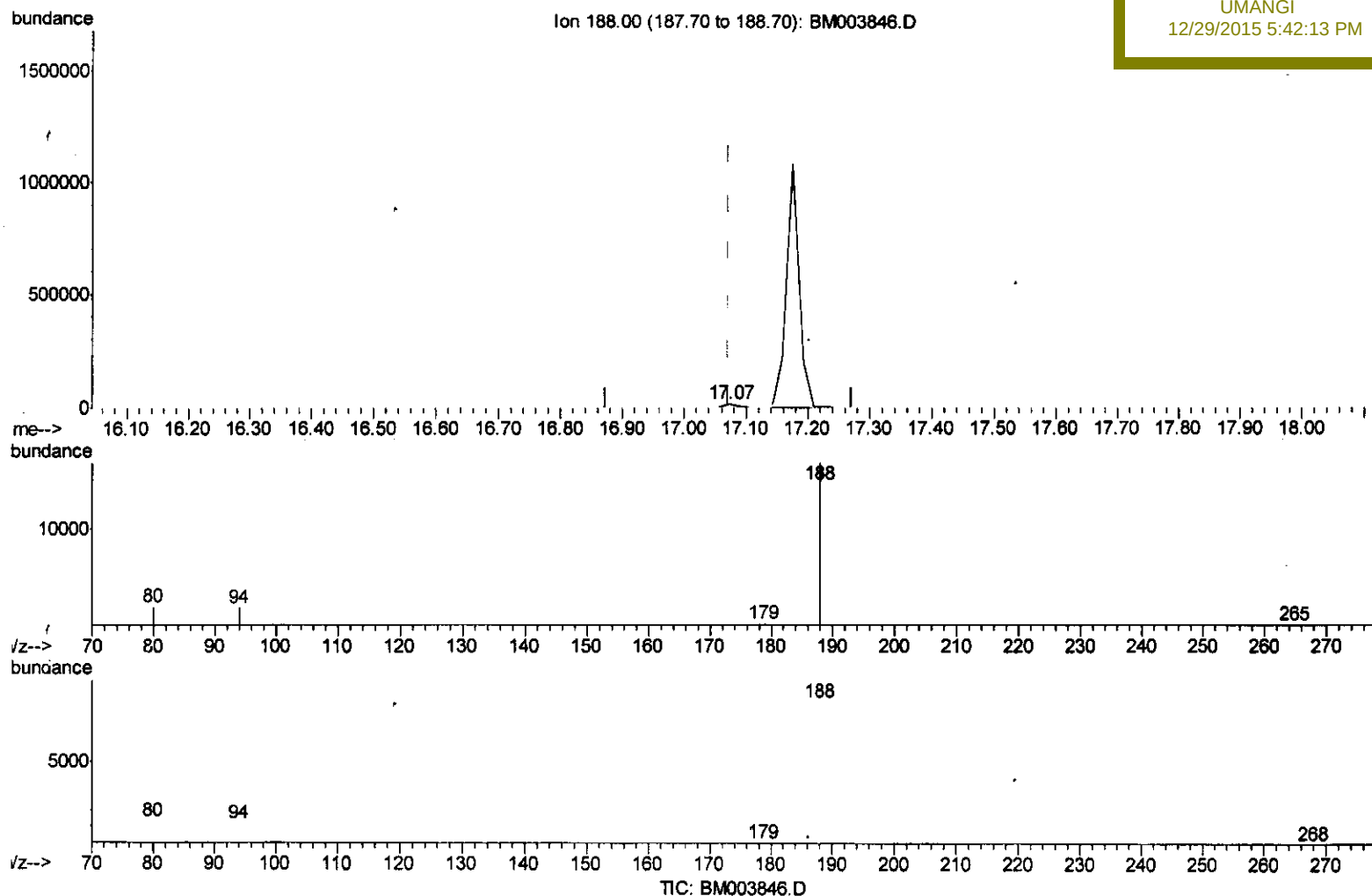
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:21:28 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.073min (+0.000) 0.40ng/ul m

response 25060

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.03
80.00	11.90	11.42
0.00	0.00	0.00

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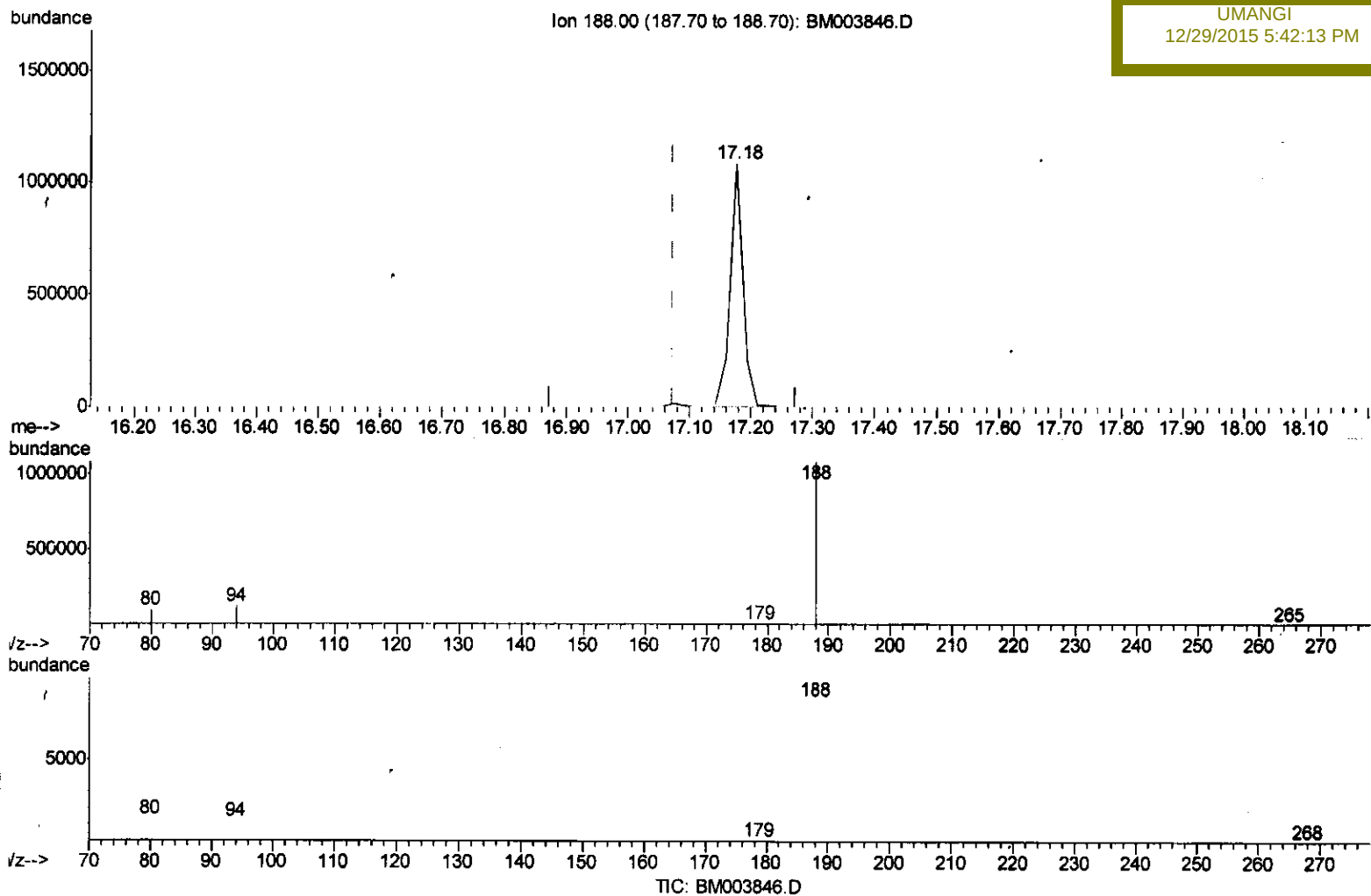
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:21:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1554409

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.72
80.00	11.90	8.37#
0.00	0.00	0.00

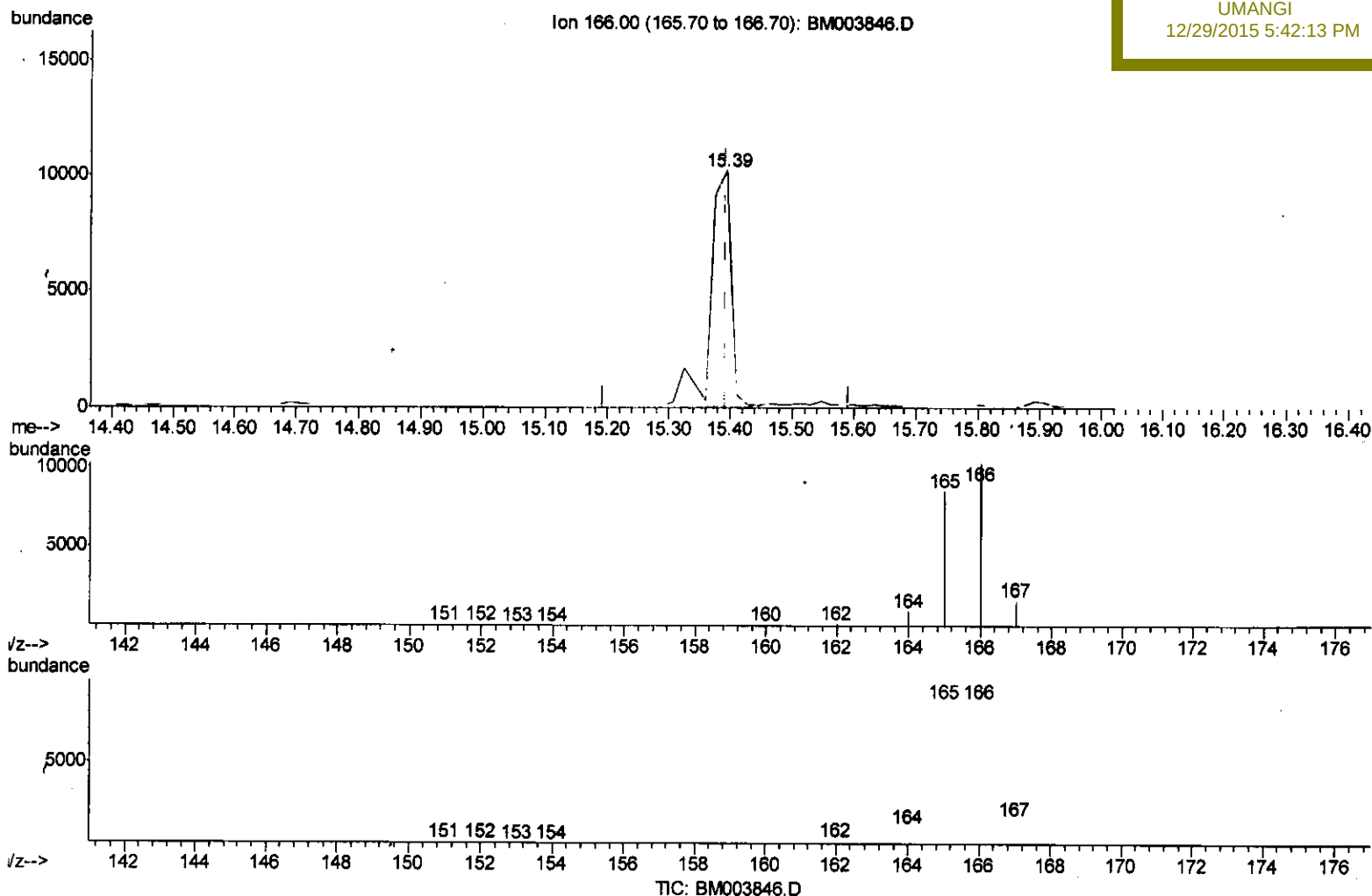
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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Manual Integrations
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(11) Fluorene

15.393min (+0.000) 0.53ng/ul m

response 20427

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	82.94
167.00	14.90	15.72
0.00	0.00	0.00

U.M
 12/31/15

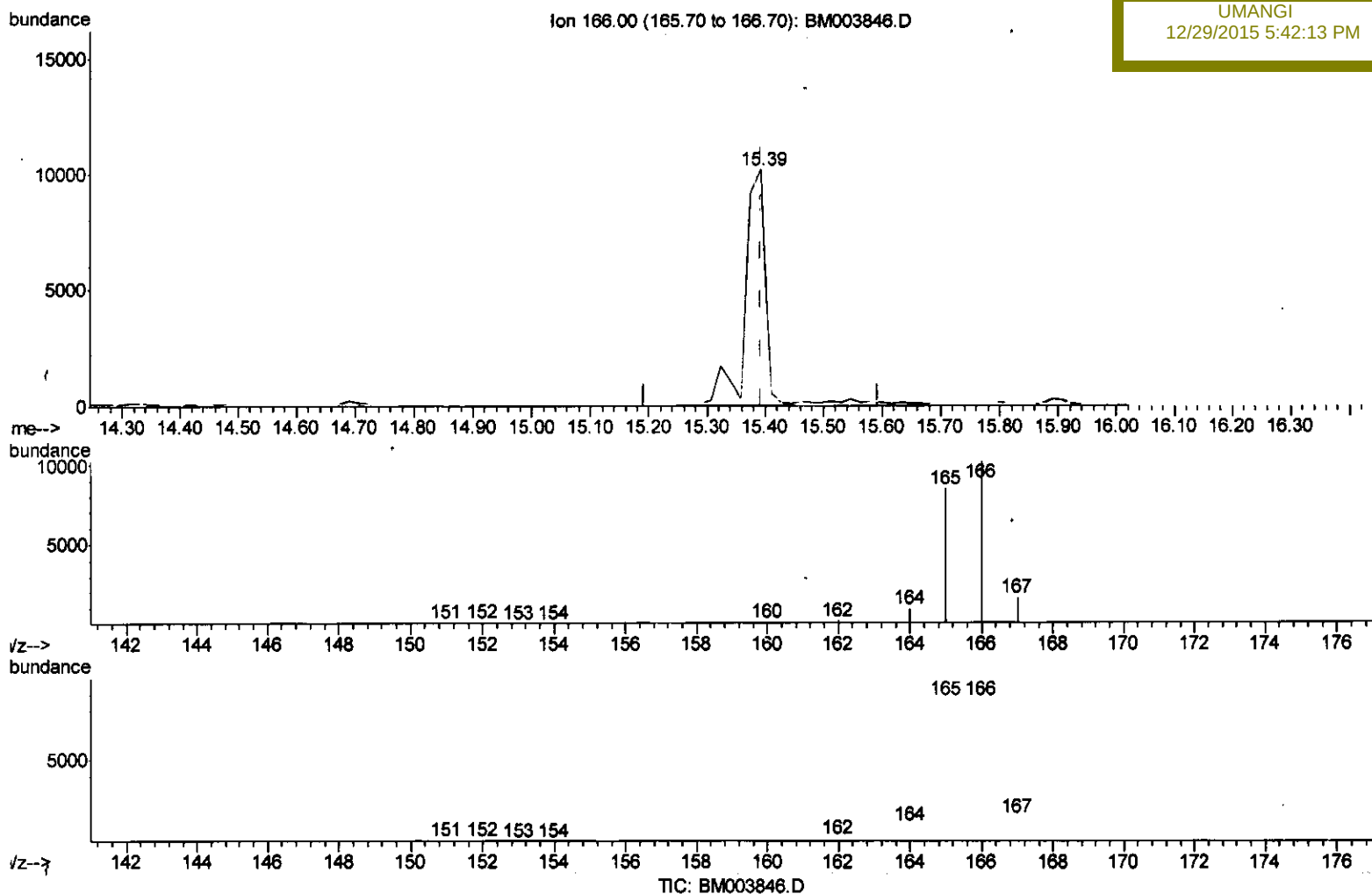
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Manual Integrations
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(11) Fluorene

15.393min (+0.000) 0.61ng/ul

response 23634

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	82.94
167.00	14.90	15.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 08:28:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4266	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18595	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11261	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	25060m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21824	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	14552m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	19432	10.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8008	0.36	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	22095	0.42	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.51	128	49321	1.18	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	6930	0.25	ng/ul	99
9) Acenaphthylene	14.04	152	1097	0.03	ng/ul#	82
10) Acenaphthene	14.38	153	12599	0.36	ng/ul#	81
11) Fluorene	15.39	166	20427m	0.53	ng/ul	
14) Phenanthrene	17.11	178	161554m	2.50	ng/ul	
15) Anthracene	17.21	178	15349	0.27	ng/ul	98
17) Fluoranthene	19.14	202	97269	1.39	ng/ul	99
19) Pyrene	19.51	202	70403	1.19	ng/ul	99
20) Benzo(a)anthracene	21.26	228	11822	0.22	ng/ul#	95
21) Chrysene	21.31	228	10461	0.17	ng/ul	94
25) Benzo(a)pyrene	23.42	252	2336m	0.06	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.77	276	899m	0.02	ng/ul	
28) Benzo(g,h,i)perylene	26.46	276	789m	0.02	ng/ul	

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