

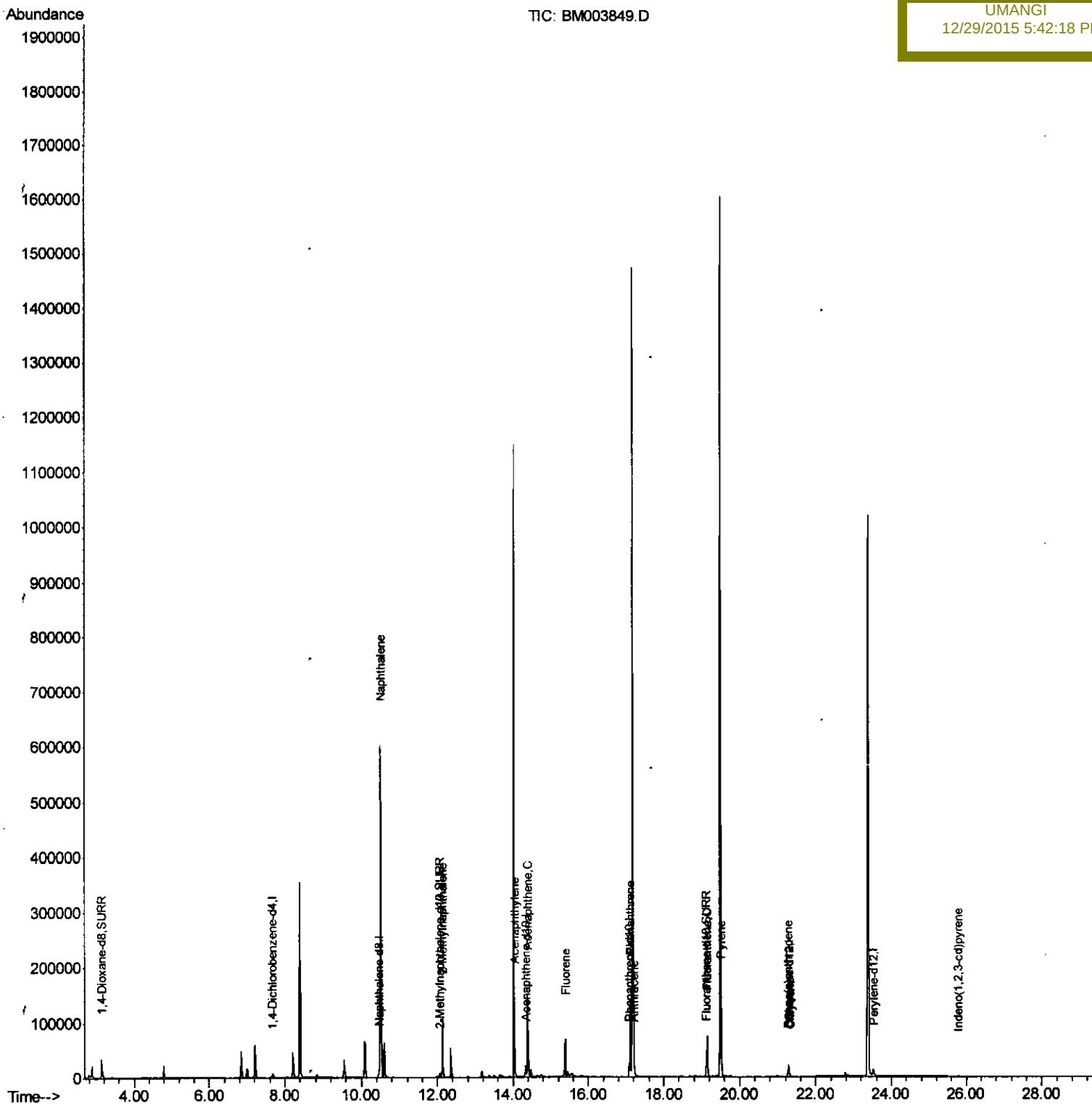
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003849.D
Acq On : 29 Dec 2015 04:07
Operator : SJ/UM
Sample : G4848-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:41:32 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 :
D9N62

Manual Integrations
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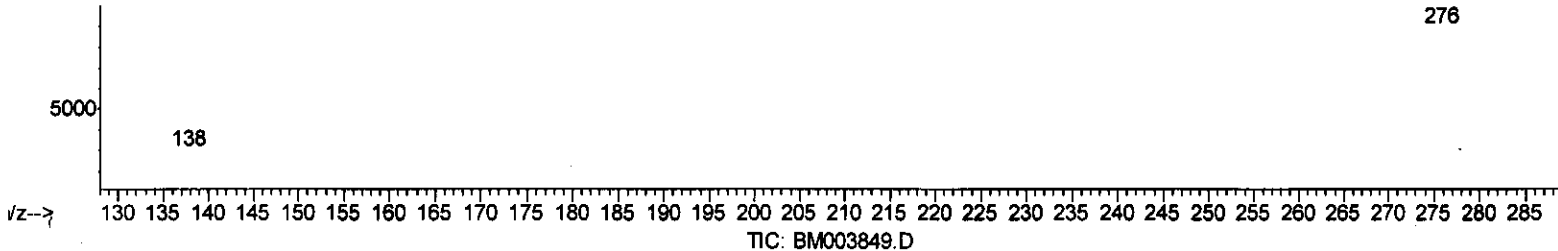
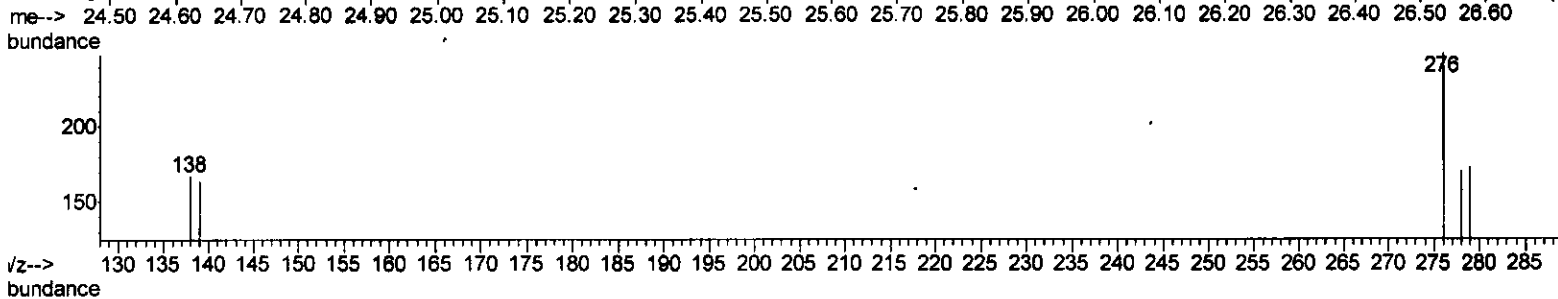
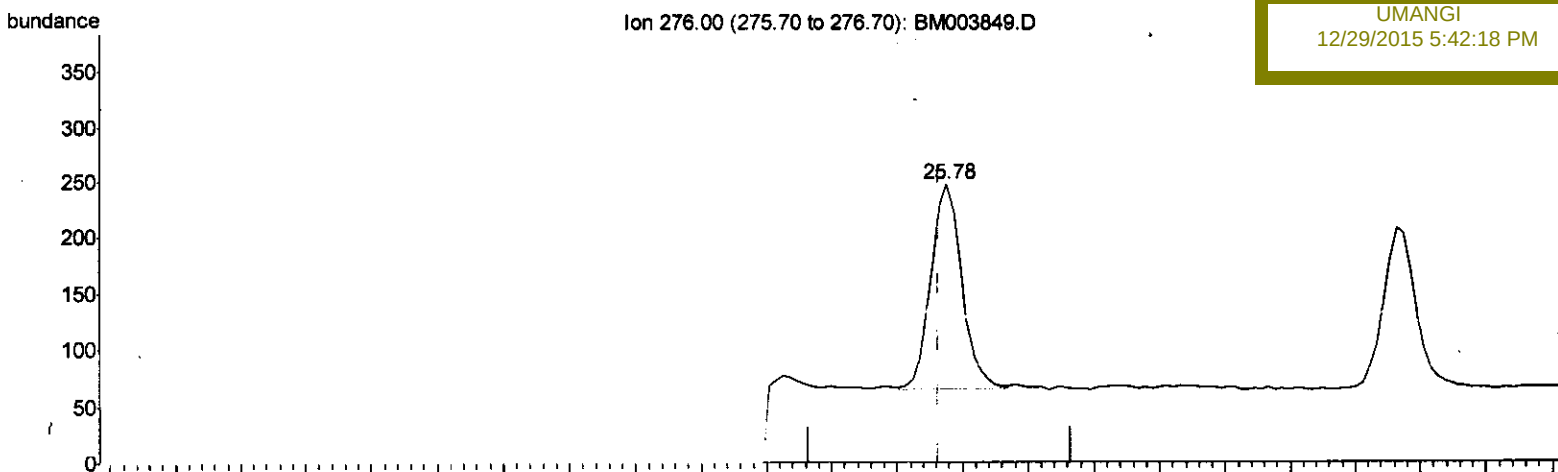
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:40:36 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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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

25.776min (+0.011) 0.01ng/ul m

response 604

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

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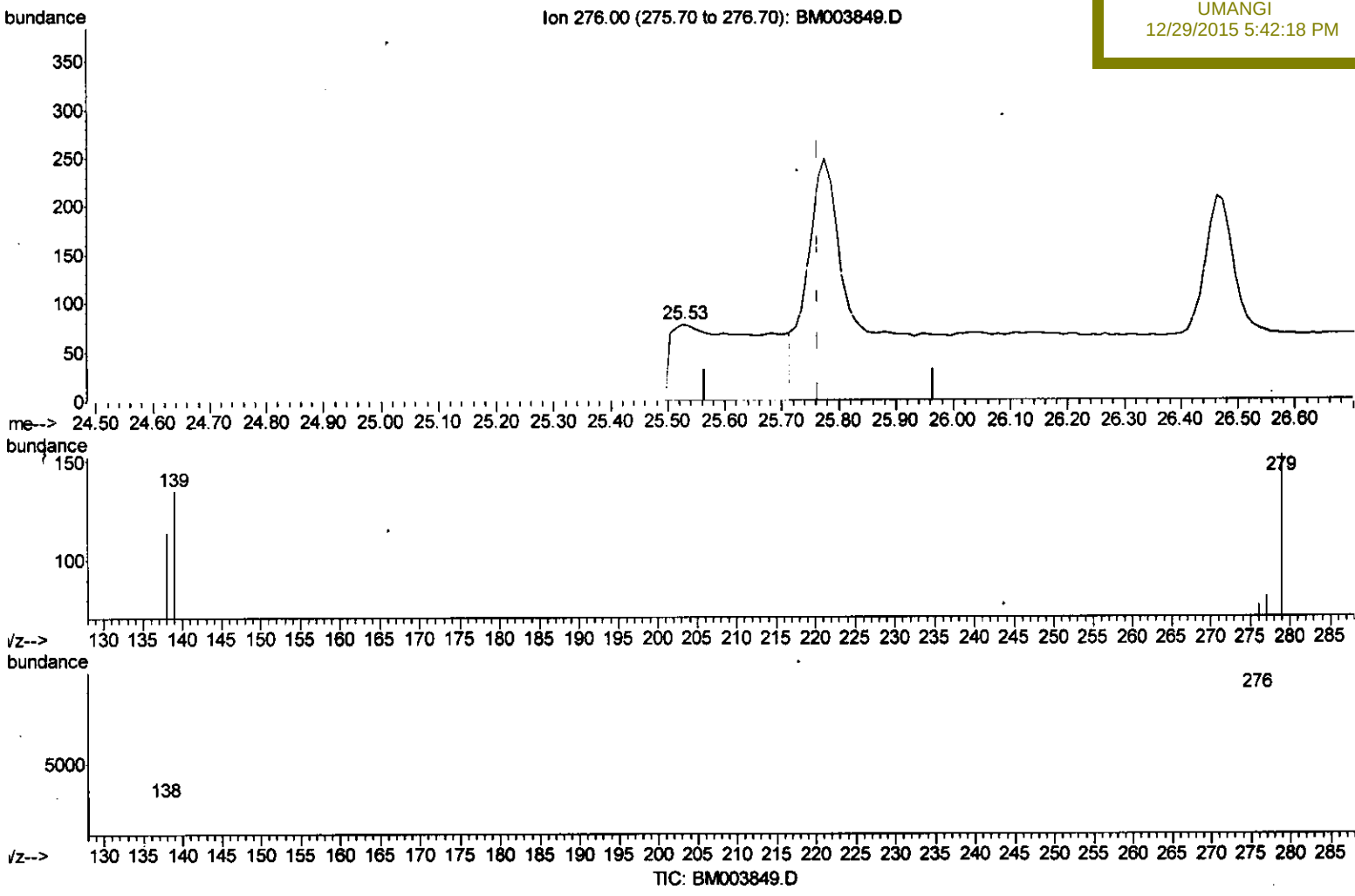
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:40:36 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 :
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Manual Integrations
 APPROVED

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

25.526min (-0.239) 0.02ng/ul

response 899

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

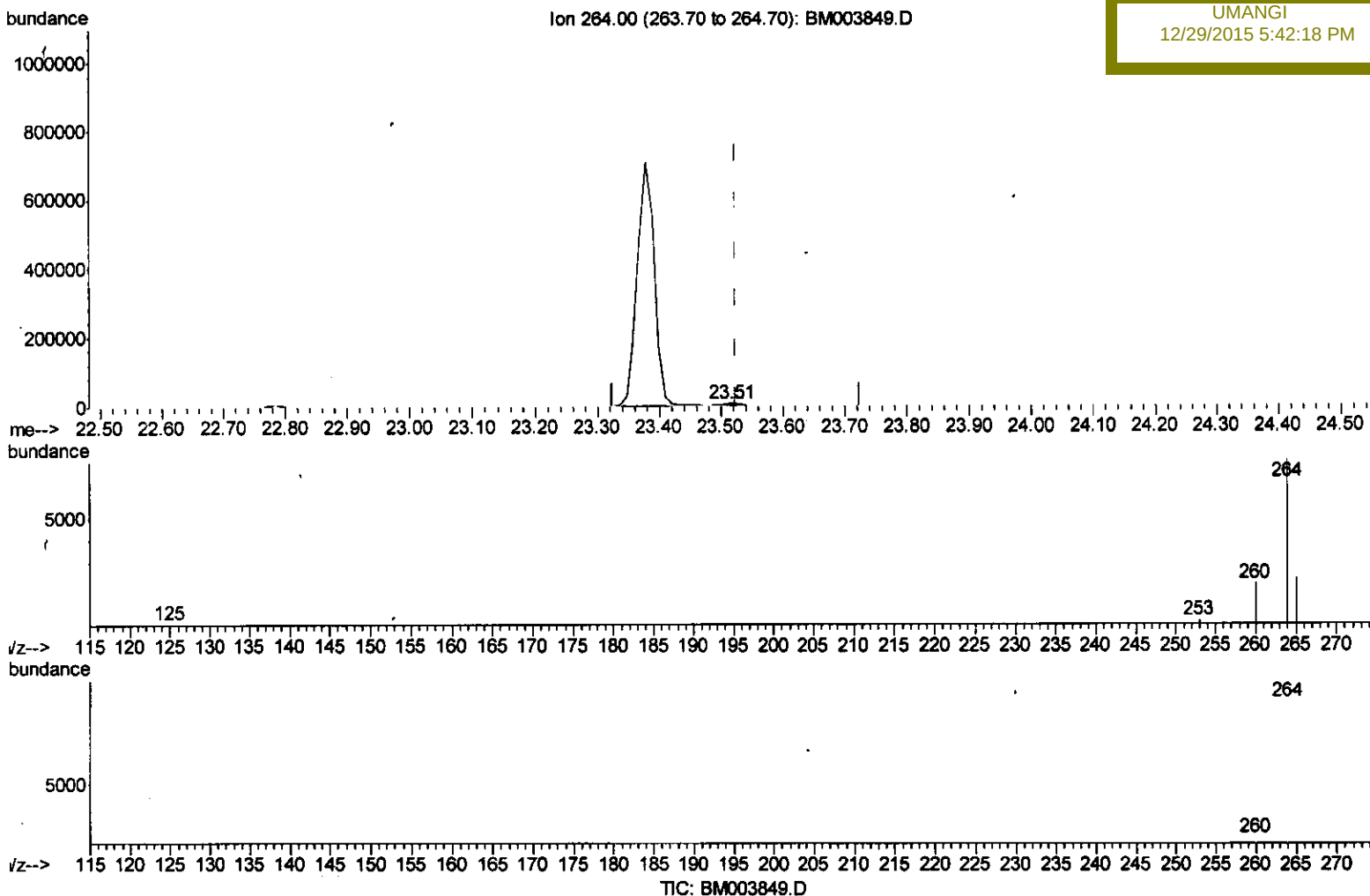
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Manual Integrations
 APPROVED

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(22) Perylene-d12 (I)

23.514min (-0.010) 0.40ng/ul m

response 12723

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.70
265.00	38.20	29.68#
0.00	0.00	0.00

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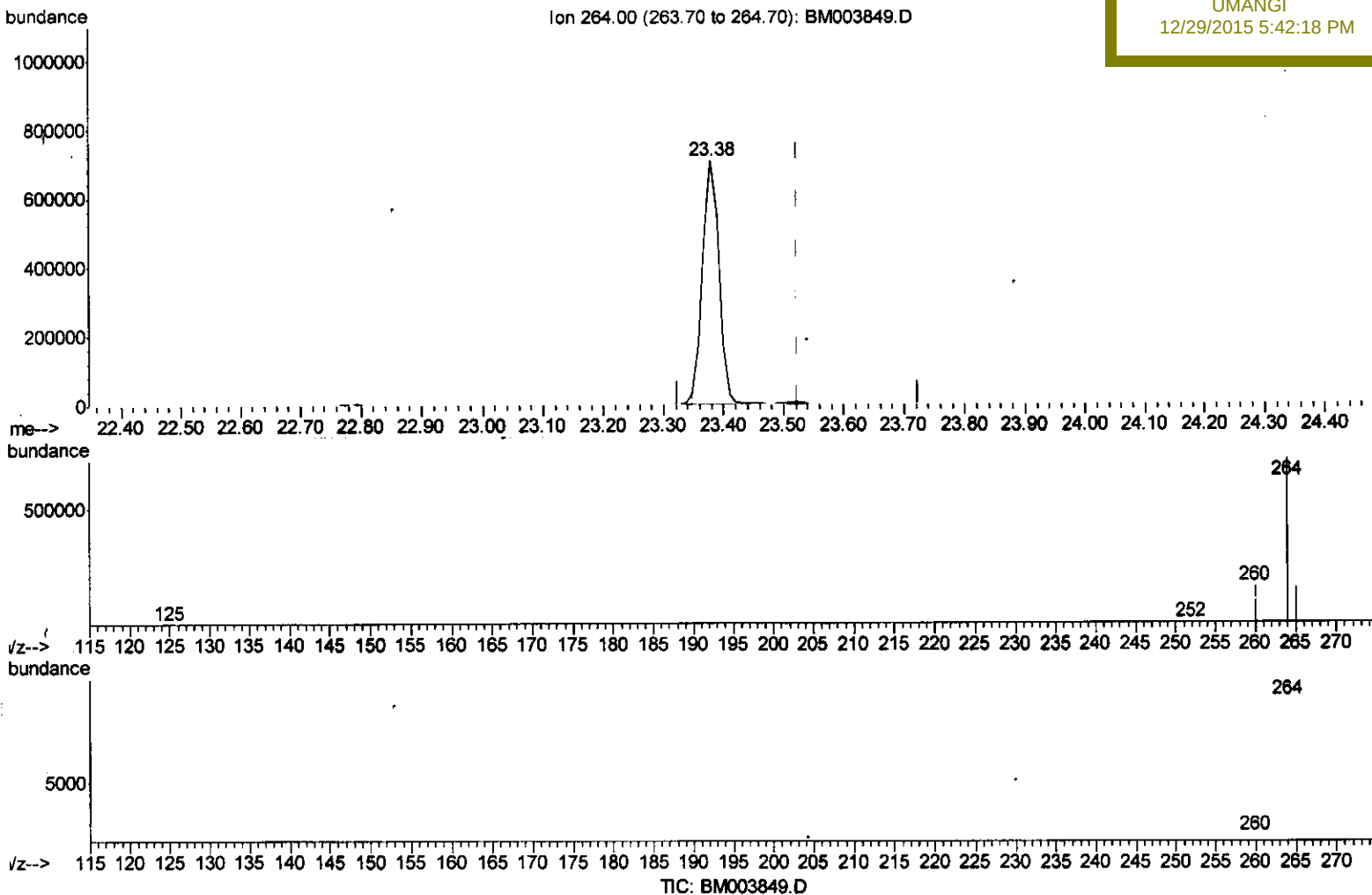
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 2015
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Manual Integrations
 APPROVED

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(22) Perylene-d12 (I)

23.379min (-0.146) 0.40ng/ui

response 1320964

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.21
265.00	38.20	21.39#
0.00	0.00	0.00

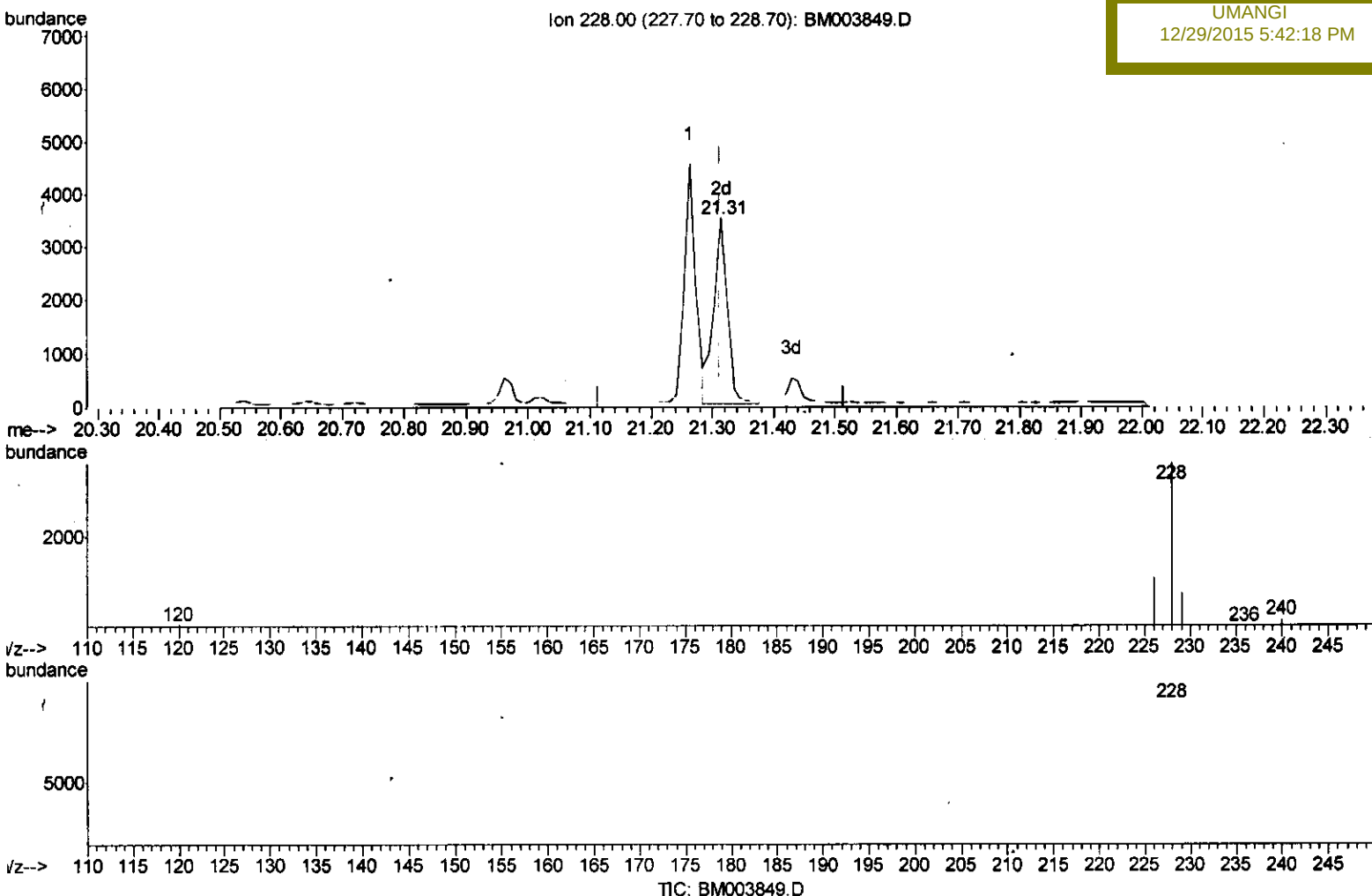
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 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 2015
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 QLast Update : Tue Dec 29 08:19:02 2015
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Instrument :
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 ClientSampled :
 D9N62

Manual Integrations
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(21) Chrysene

21.315min (+0.000) 0.10ng/ul m

response 5290

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.90#
229.00	21.30	23.17
0.00	0.00	0.00

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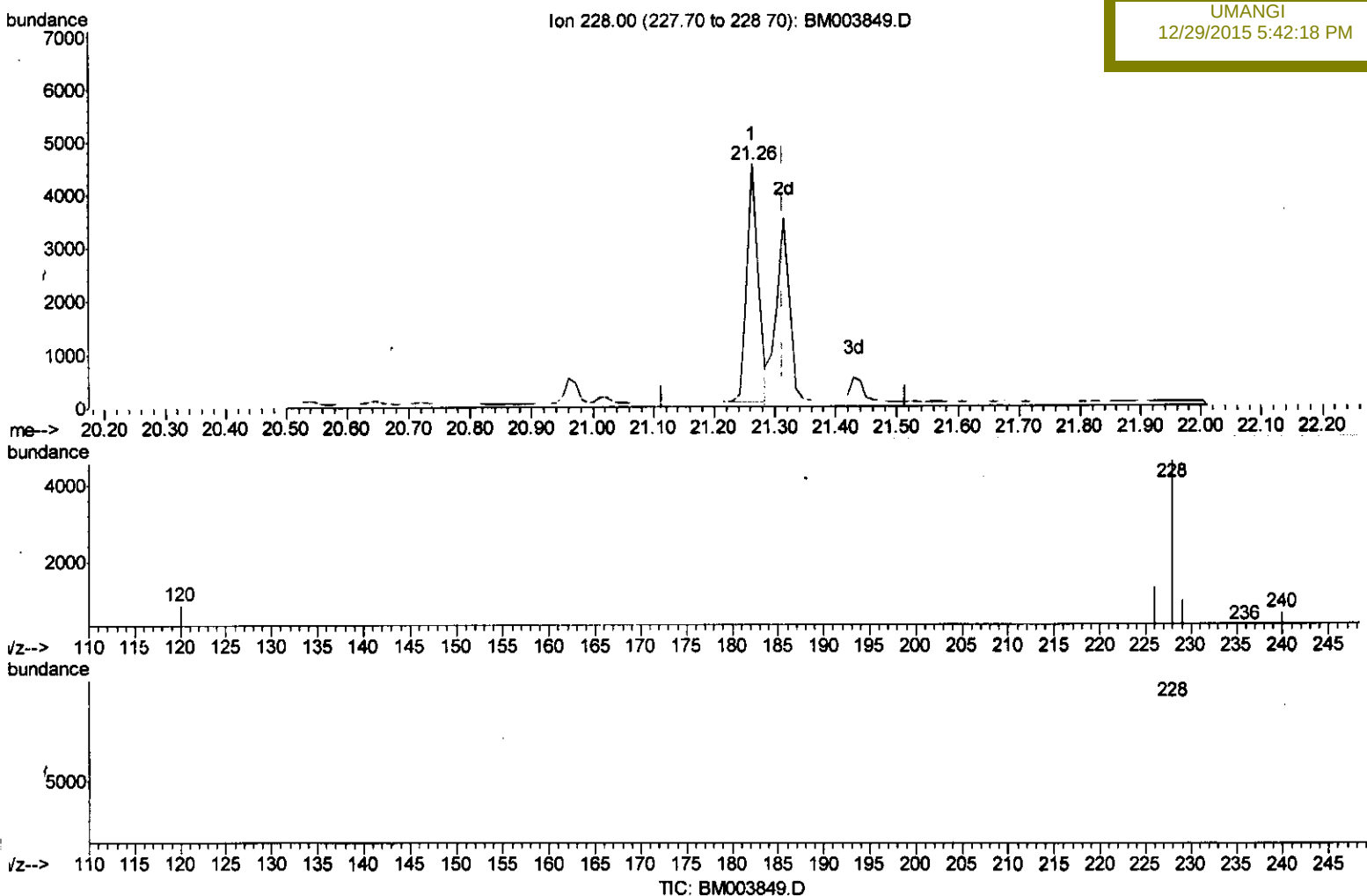
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 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 :
 D9N62

Manual Integrations
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UMANGI
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(21) Chrysene

21.263min (-0.052) 0.11ng/ul

response 5856

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	28.54
229.00	21.30	21.14
0.00	0.00	0.00

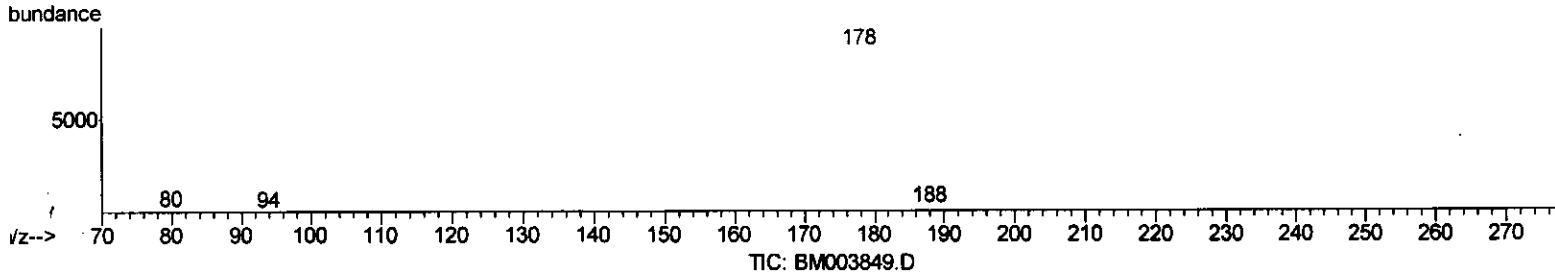
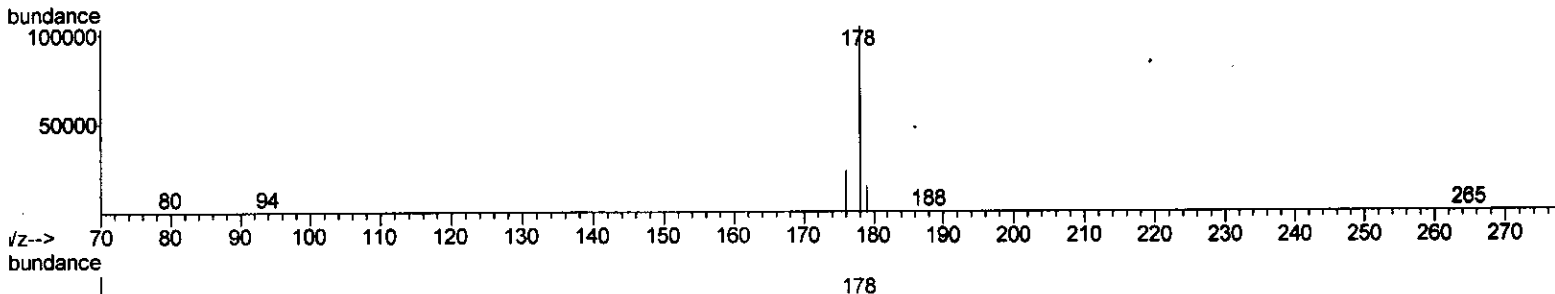
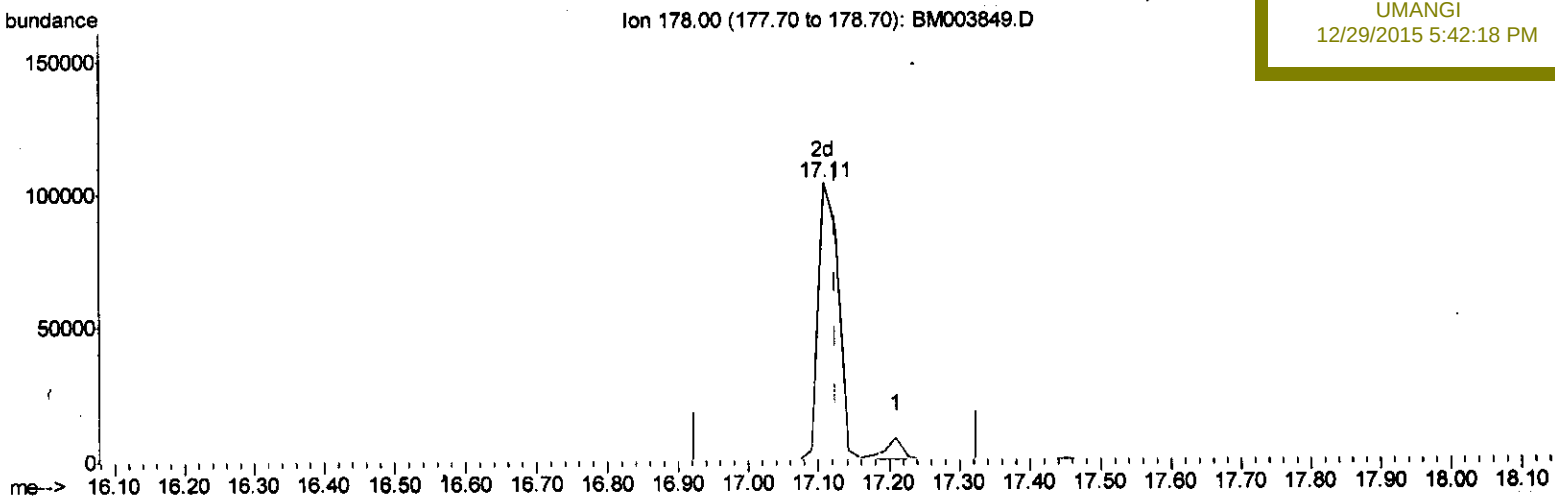
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Manual Integrations
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UMANGI
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(14) Phenanthrene

17.108min (-0.017) 3.28ng/ul m

response 204247

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.87#
179.00	17.70	13.56#
0.00	0.00	0.00

U. m
 12/31/15

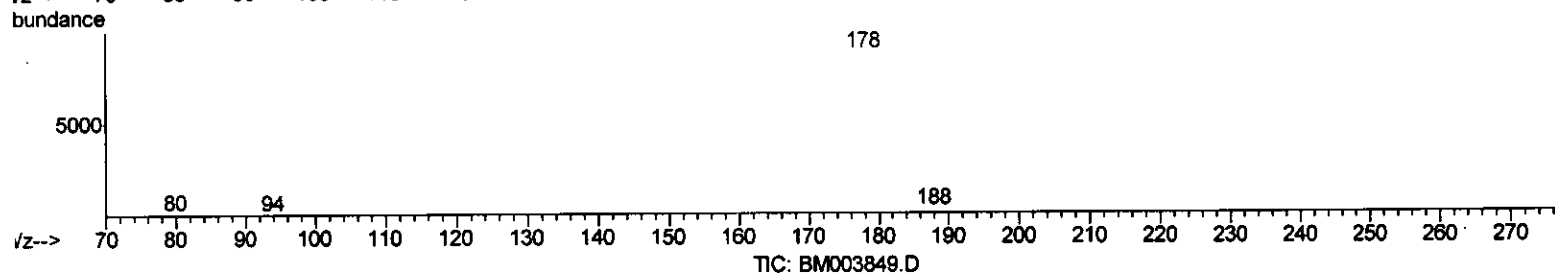
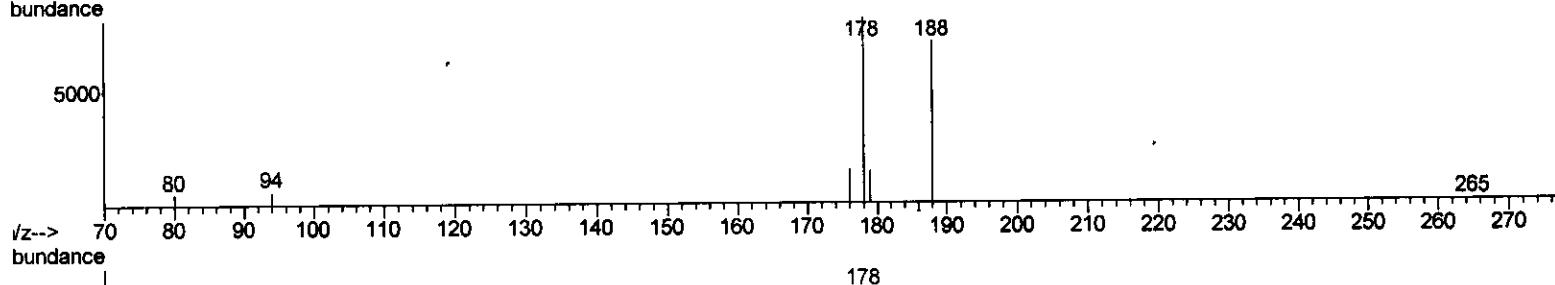
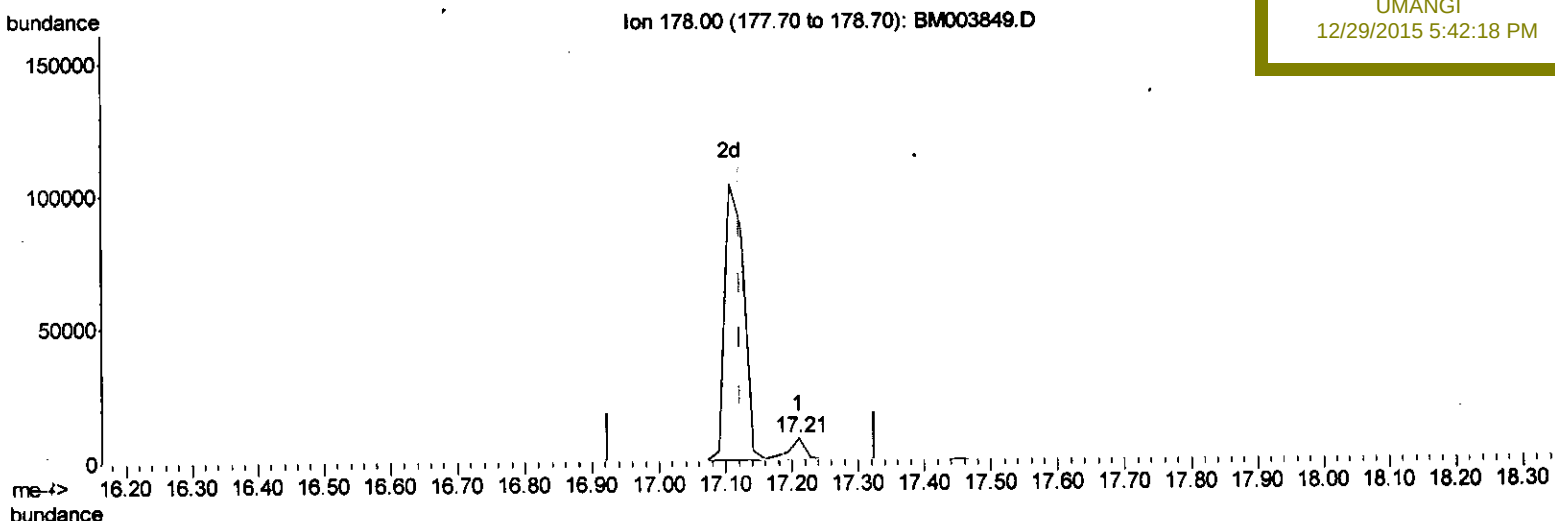
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:39:02 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 :
 D9N62

Manual Integrations
 APPROVED

UMANGI
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(14) Phenanthrene

17.211min (+0.086) 0.23ng/ul

response 14114

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.03
179.00	17.70	17.60
0.00	0.00	0.00

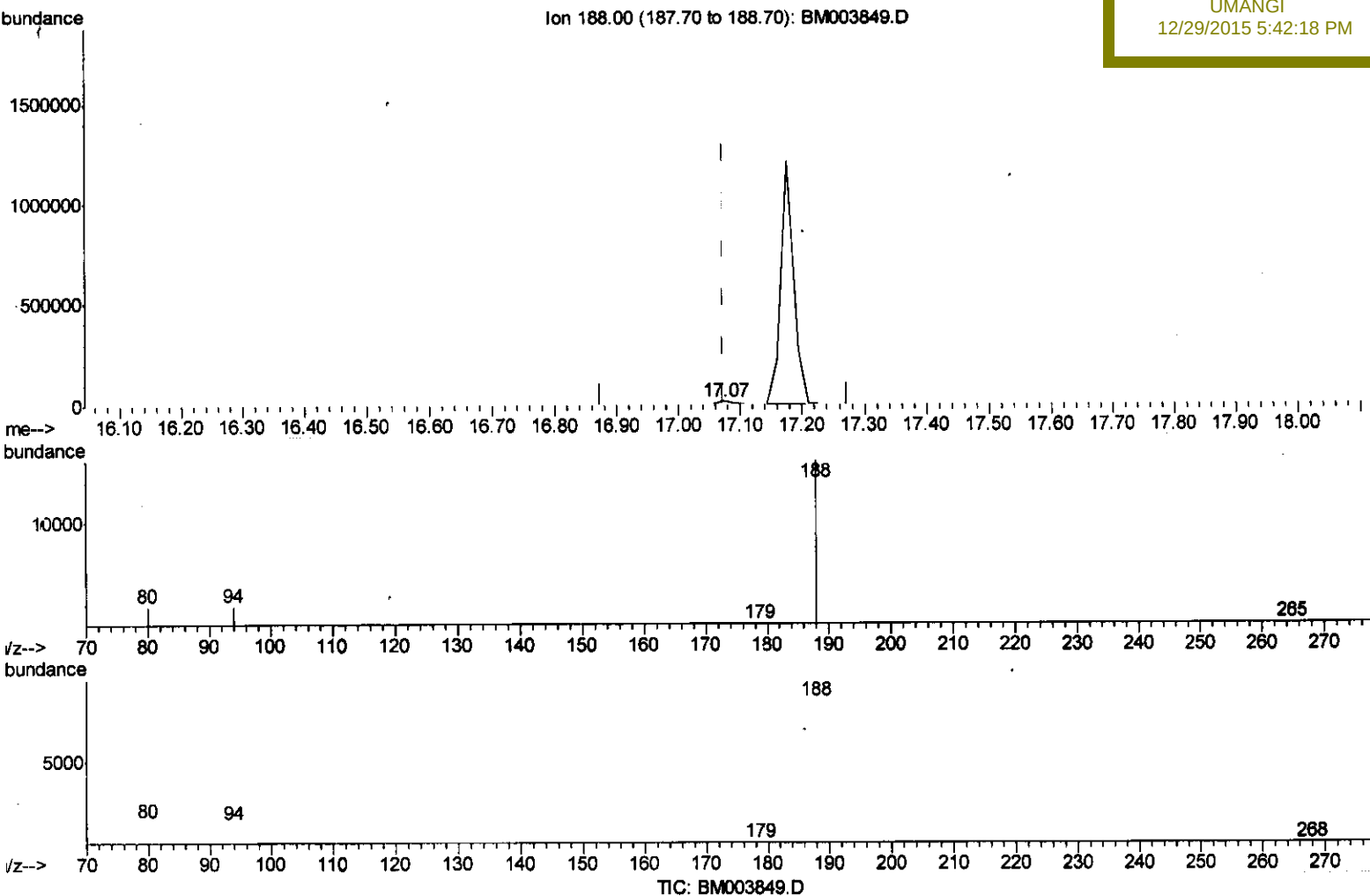
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:22:32 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
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 D9N62

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.074min (+0.000) 0.40ng/ul m

response 24116

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.27
80.00	11.90	11.56
0.00	0.00	0.00

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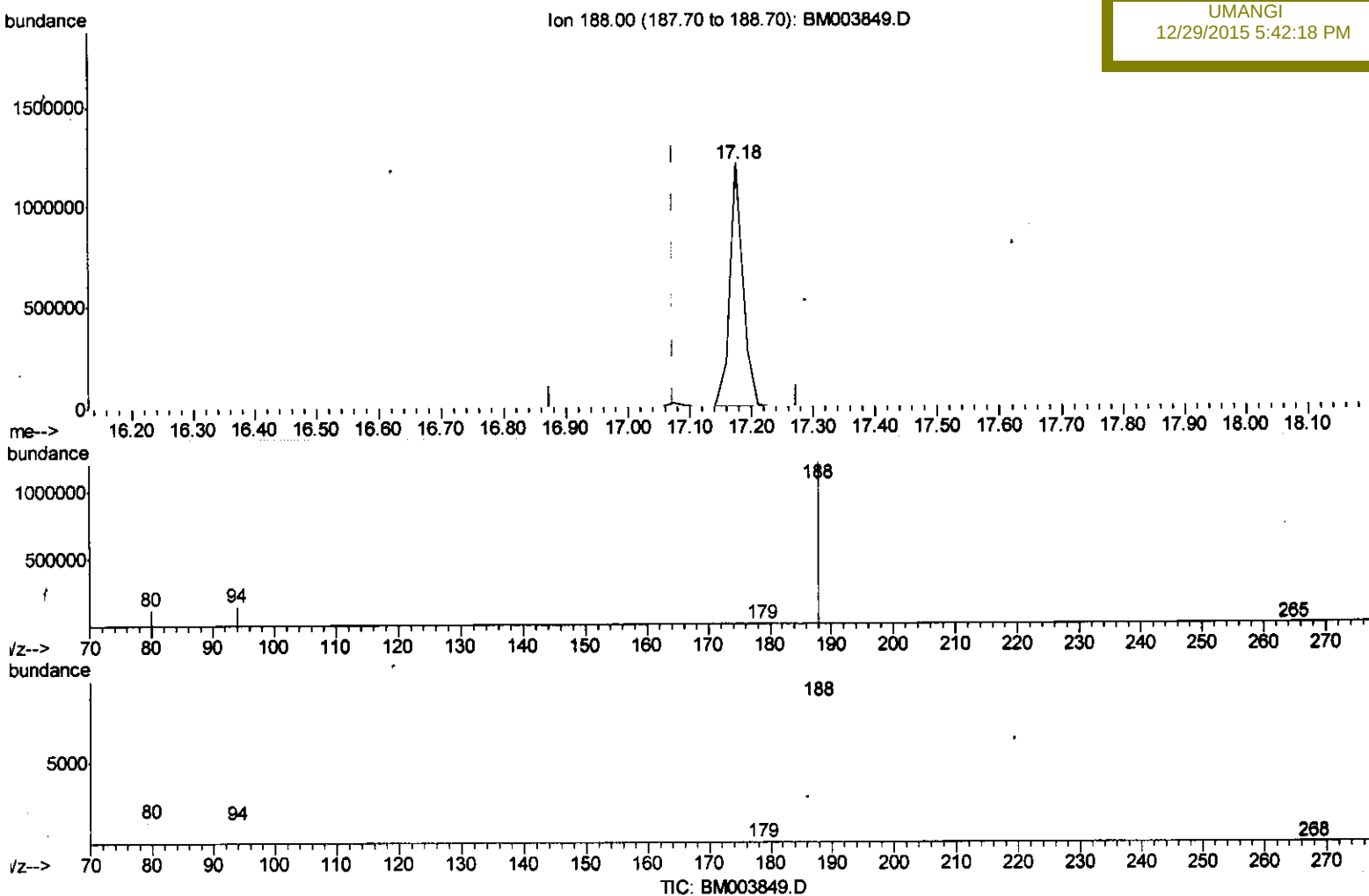
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:22:32 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 :
 D9N62

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1755605

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.83
80.00	11.90	9.65
0.00	0.00	0.00

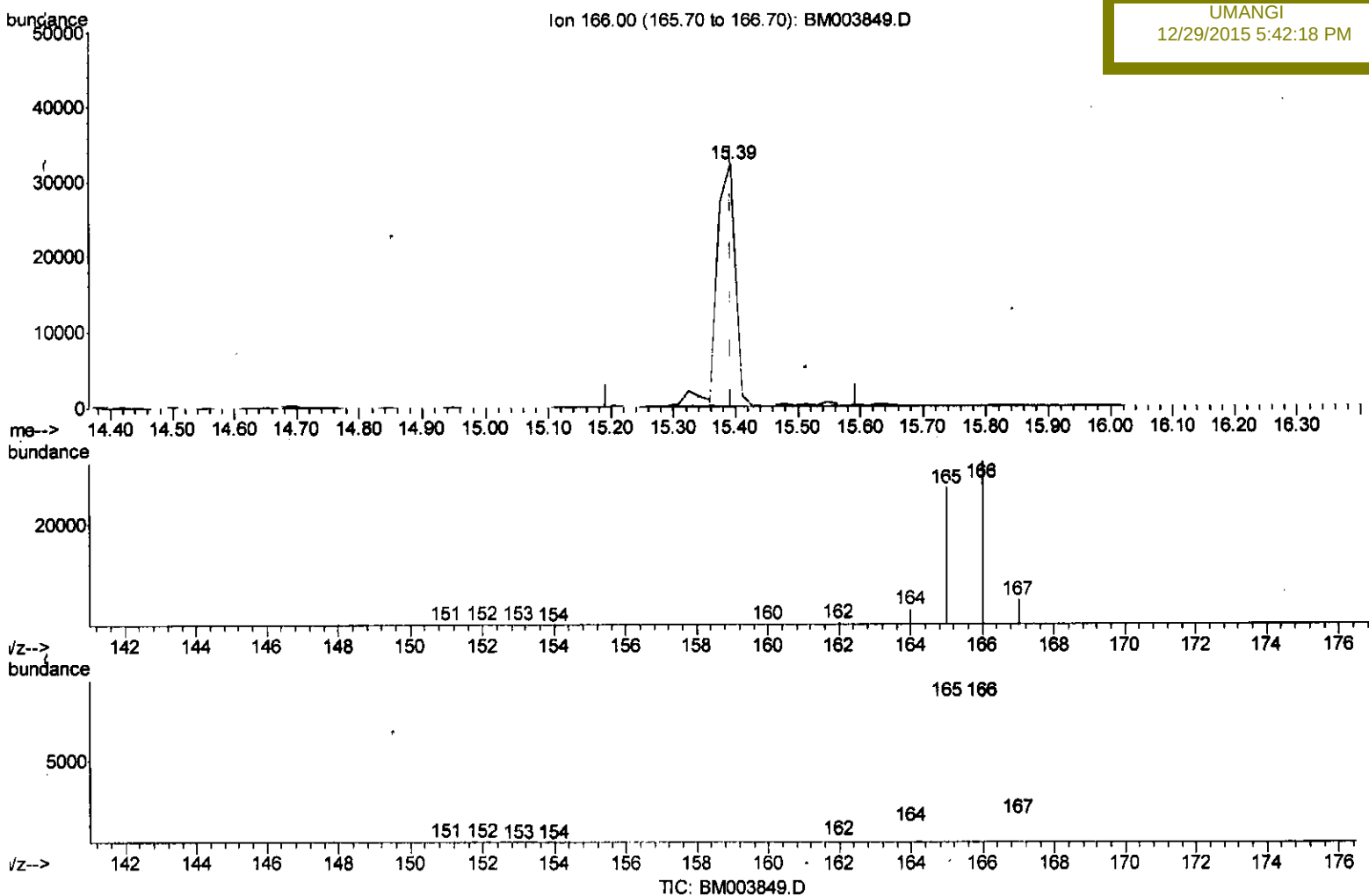
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 08:22:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Manual Integrations
 APPROVED

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(11) Fluorene

15.393min (+0.000) 1.65ng/ul m

response 62760

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	83.53
167.00	14.90	15.25
0.00	0.00	0.00

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 12/31/15

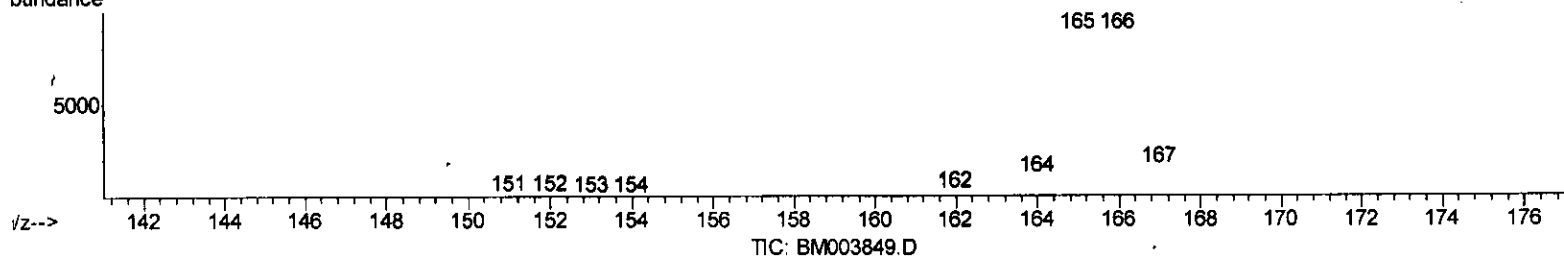
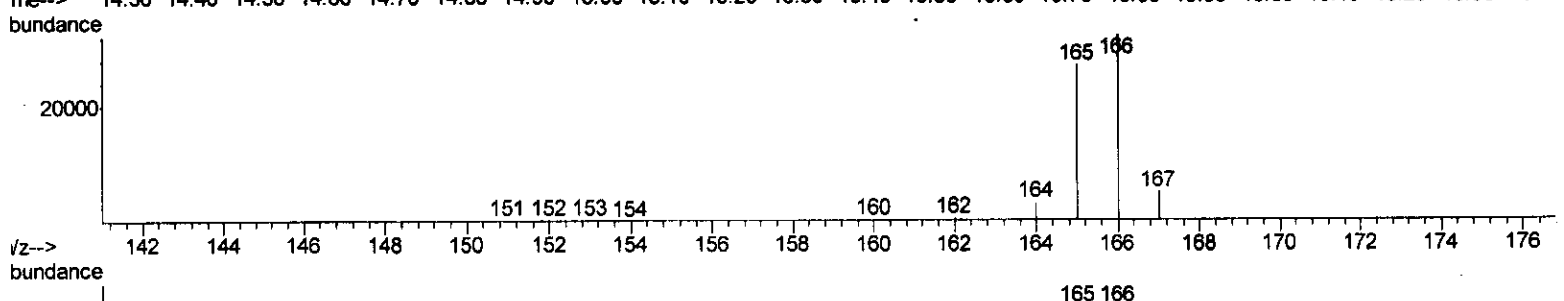
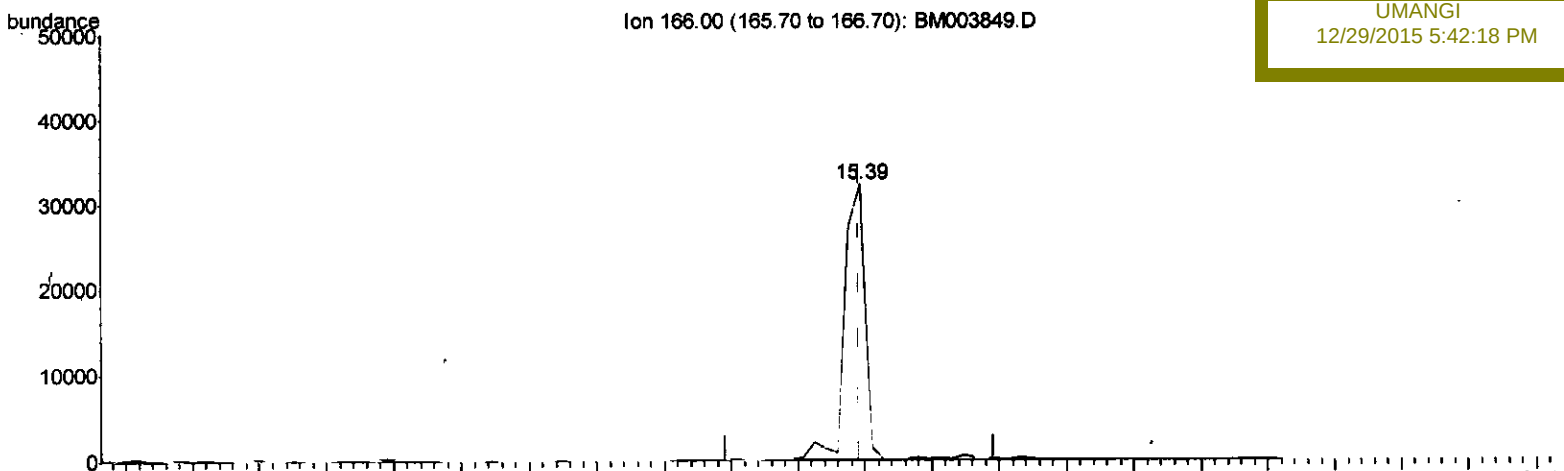
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003849.D
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 D9N62

Manual Integrations
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(11) Fluorene

15.393min (+0.000) 1.76ng/ul

response 66952

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	83.53
167.00	14.90	15.25
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
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 Operator : SJ/UM
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4046	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18146	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11170	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	24116m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	18561	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	12723m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	25604	14.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	10279	0.47	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	24125	0.47	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	842545	20.61	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	76154	2.77	ng/ul	99
9) Acenaphthylene	14.04	152	8594	0.20	ng/ul#	96
10) Acenaphthene	14.38	153	97626	2.84	ng/ul#	80
11) Fluorene	15.39	166	62760m	1.65	ng/ul	
14) Phenanthrene	17.11	178	204247m	3.28	ng/ul	
15) Anthracene	17.21	178	14039	0.26	ng/ul	98
17) Fluoranthene	19.14	202	68724	1.02	ng/ul	99
19) Pyrene	19.51	202	50052	1.00	ng/ul	98
20) Benzo(a)anthracene	21.26	228	5849	0.13	ng/ul#	94
21) Chrysene	21.31	228	5290m	0.10	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.78	276	604m	0.01	ng/ul	

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