

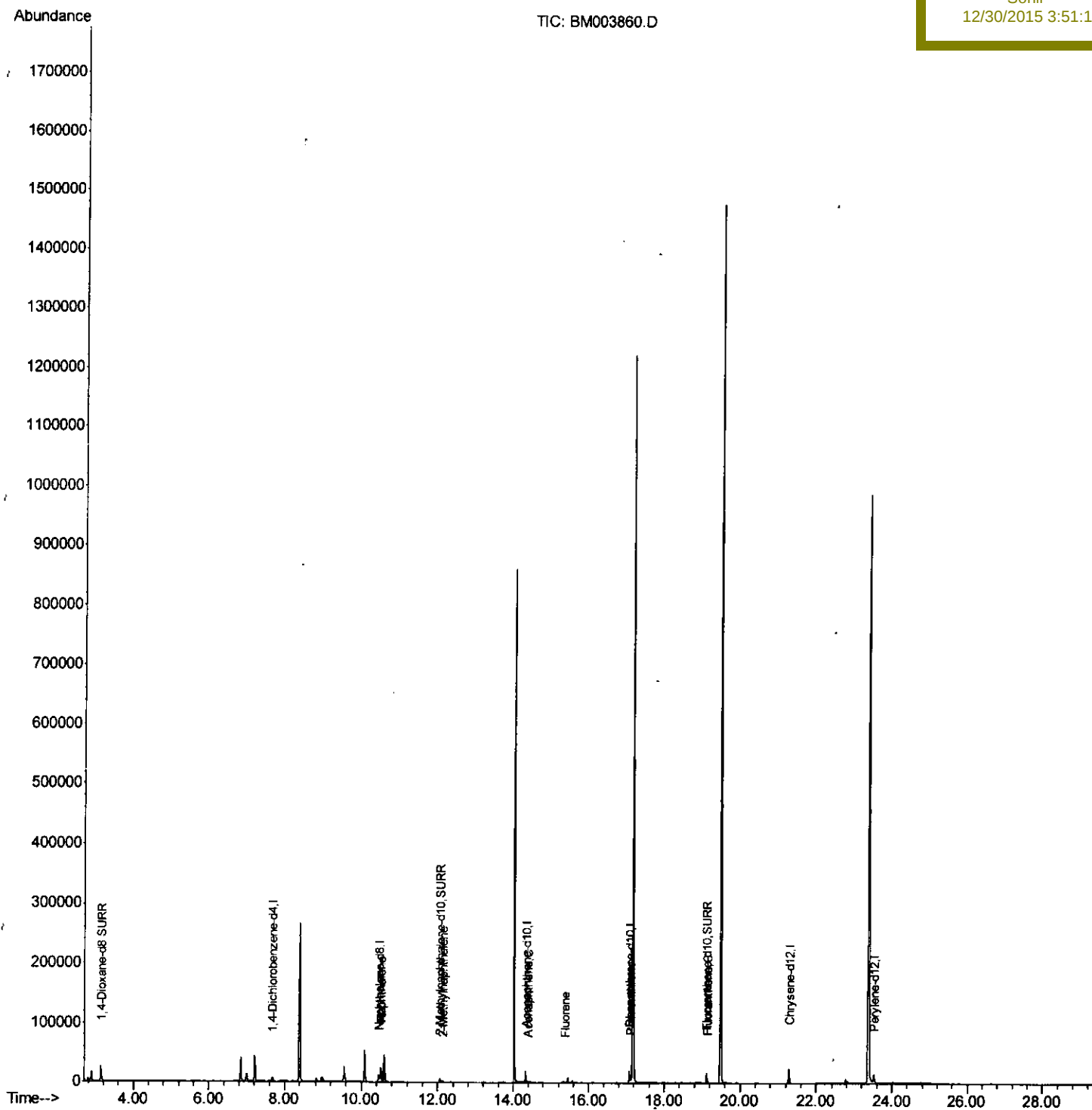
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
Data File : BM003860.D
Acq On : 29 Dec 2015 21:45
Operator : SJ/UM
Sample : G4848-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 10:21:35 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 : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N67

Manual Integrations
APPROVED

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Quantitation Report (Qedit)

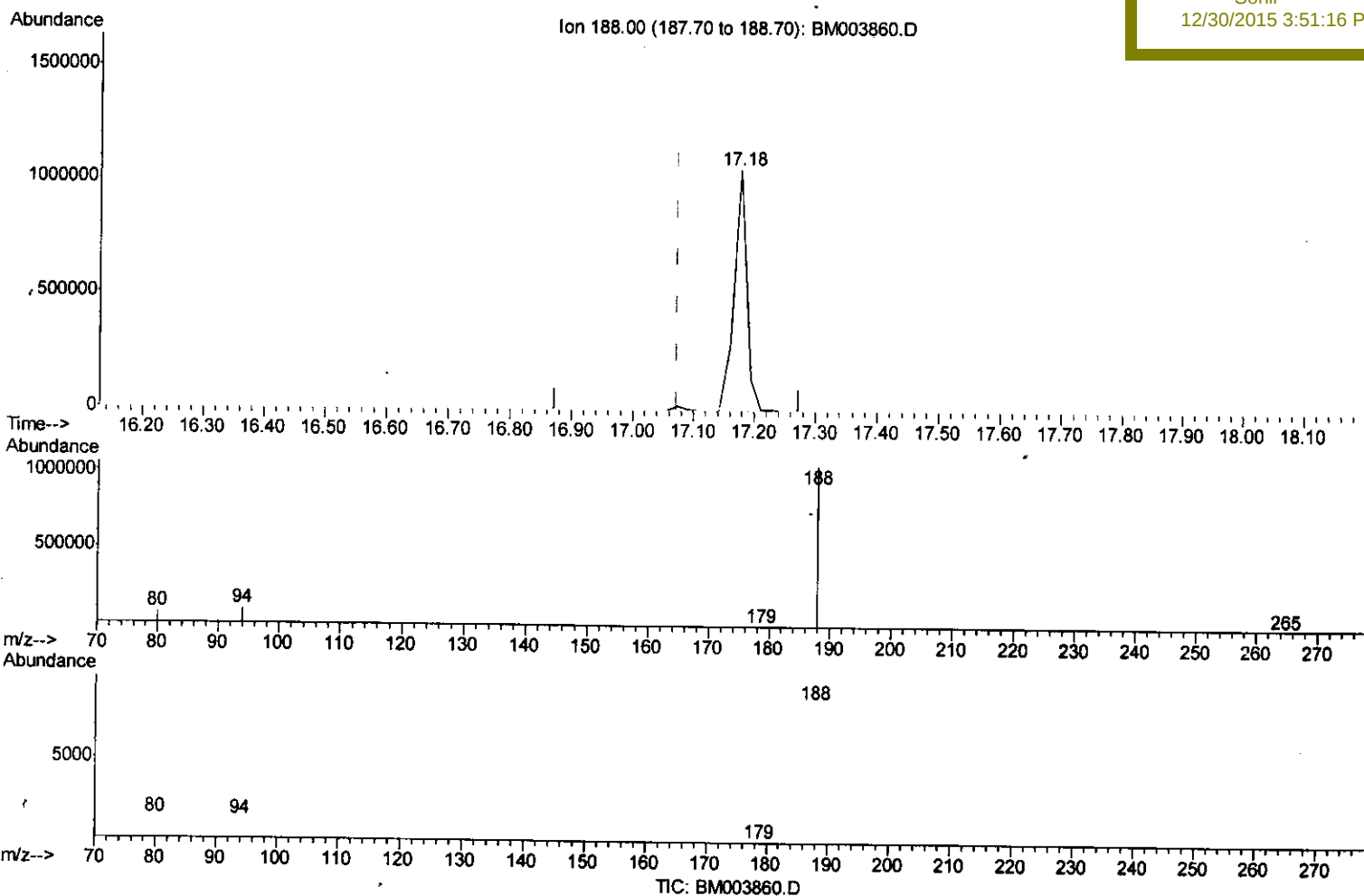
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003860.D
 Acq On : 29 Dec 2015 21:45
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Quant Time: Dec 30 03:34:21 2015
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1515592

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.20#
80.00	11.90	7.15#
0.00	0.00	0.00

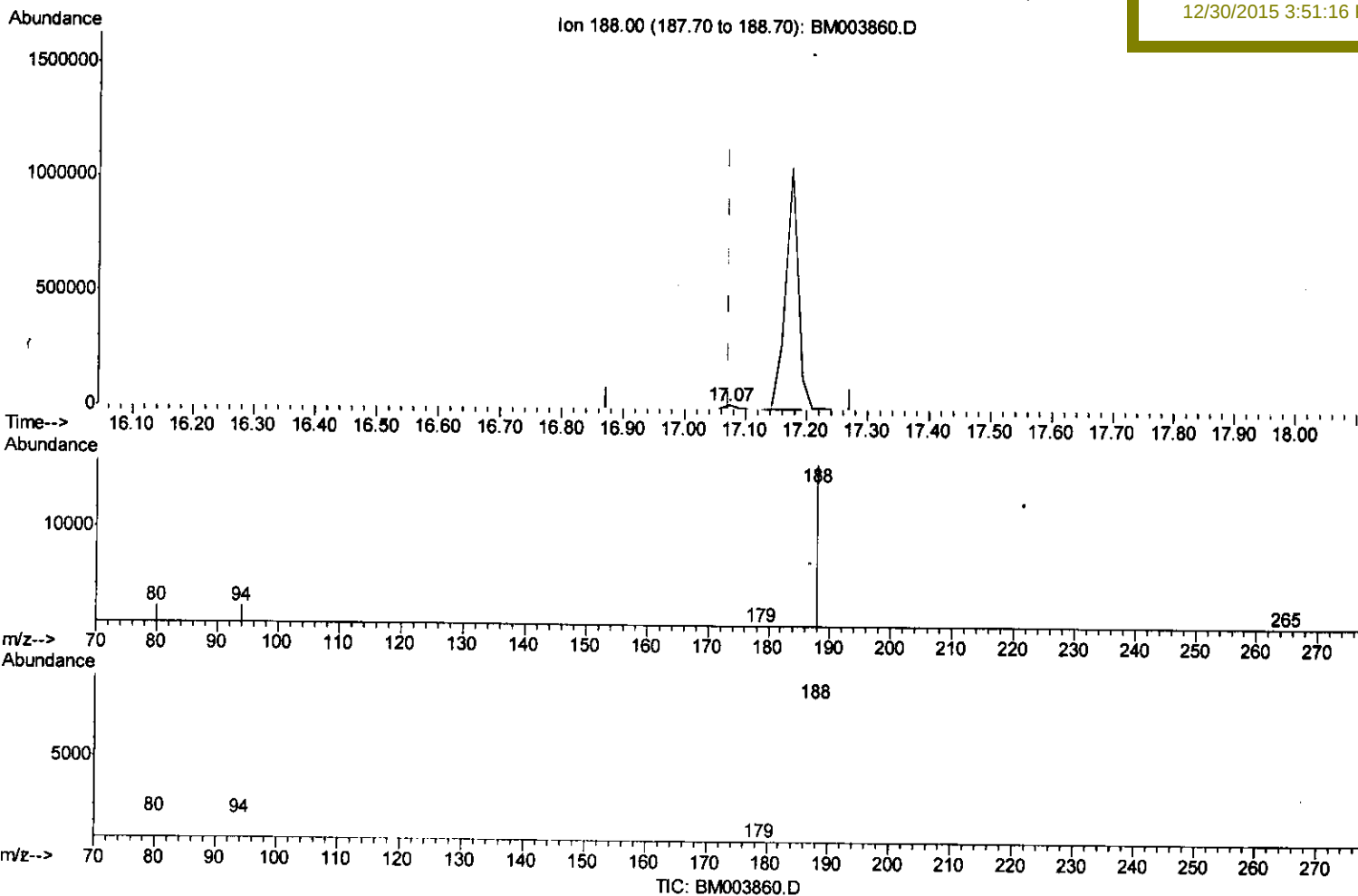
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(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m

response 24912

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.30
80.00	11.90	10.45
0.00	0.00	0.00

U.M
11/16

Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
Data File : BM003860.D
Acq On : 29 Dec 2015 21:45
Operator : SJ/UM
Sample : G4848-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 04:46:23 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 : Wed Dec 30 03:30:26 2015

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

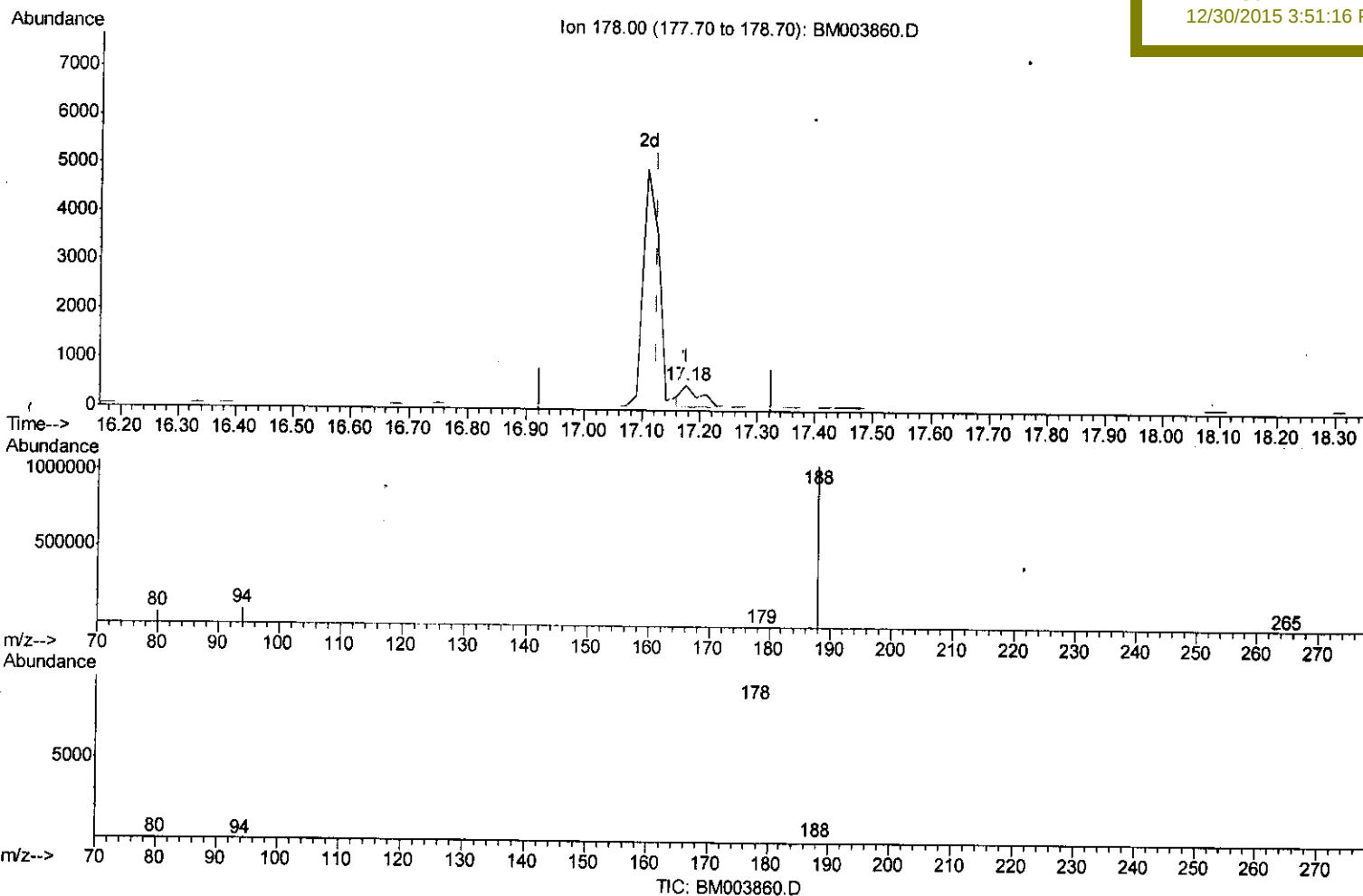
D9N67

Manual Integrations

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(14) Phenanthrene

17.176min (+0.051) 0.02ng/ul

response 984

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	15.74
179.00	17.70	275.43#
0.00	0.00	0.00

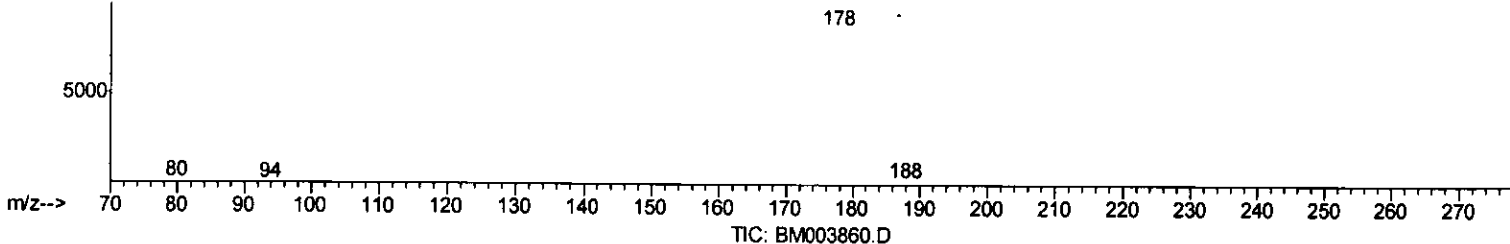
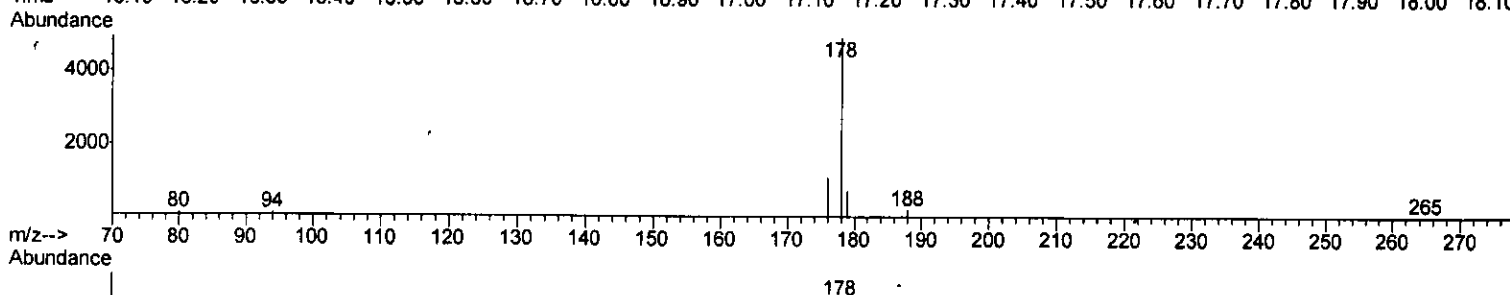
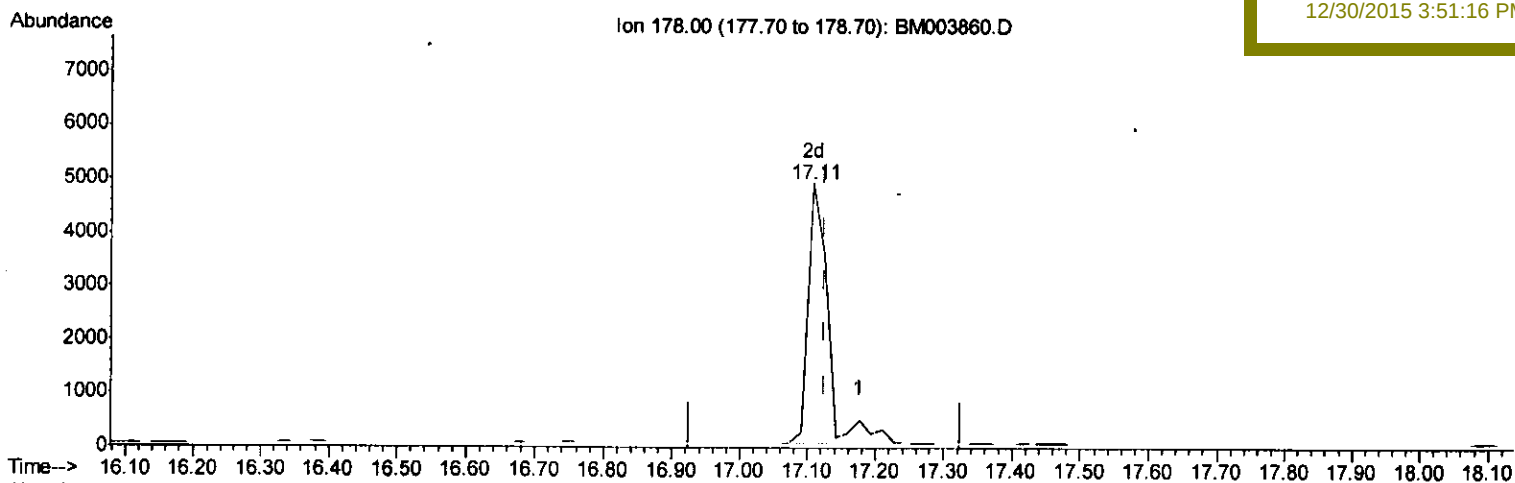
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Manual Integrations
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(14) Phenanthrene

17.107min (-0.017) 0.14ng/ul m *U, M*
17.1116

response 8954

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	23.02#
179.00	17.70	15.02
0.00	0.00	0.00

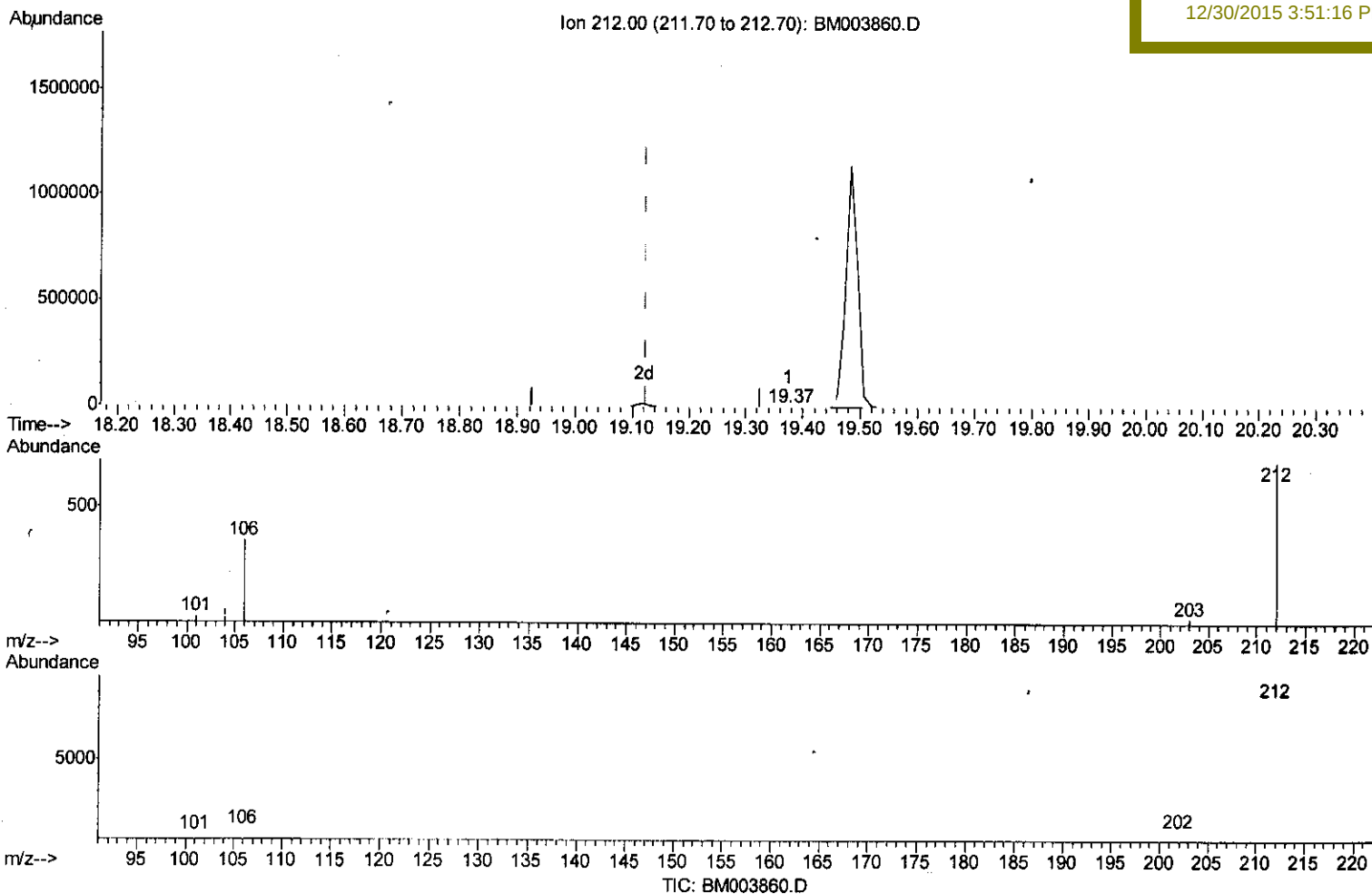
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Manual Integrations
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(16) Fluoranthene-d10 (SURR)

19.375min (+0.249) 0.02ng/ul

response 870

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	76.67#
104.00	11.10	7.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

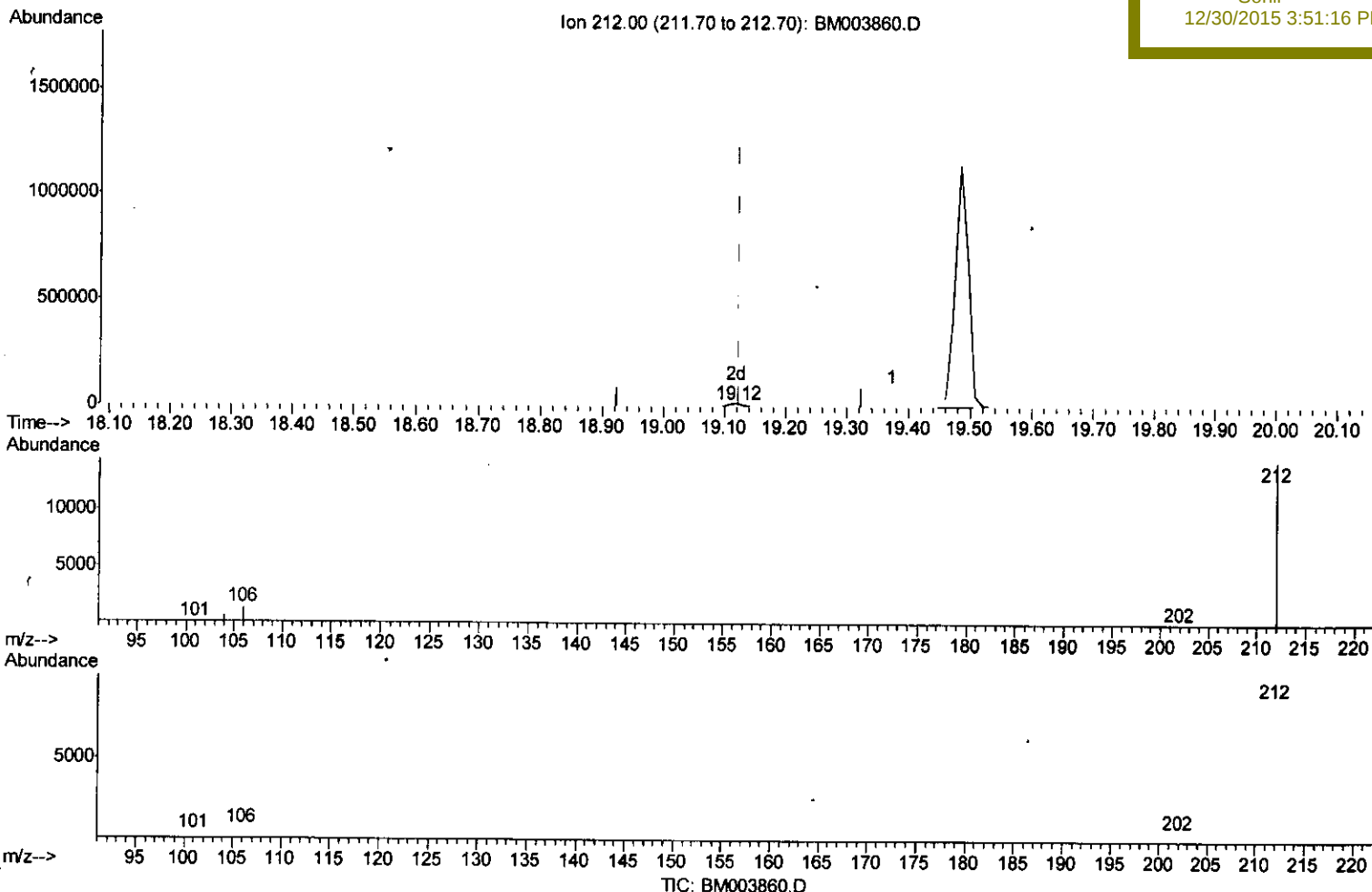
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003860.D
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 Operator : SJ/UM
 Sample : G4848-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 04:46:23 2015
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Manual Integrations
 APPROVED

Sohil
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(16) Fluoranthene-d10 (SURR)

19.120min (-0.005) 0.40ng/ul m UM
1/1/16

response 20907

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	3.19#
104.00	11.10	0.33#
0.00	0.00	0.00

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Data File : BM003860.D
Acq On : 29 Dec 2015 21:45
Operator : SJ/UM
Sample : G4848-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 04:46:23 2015

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

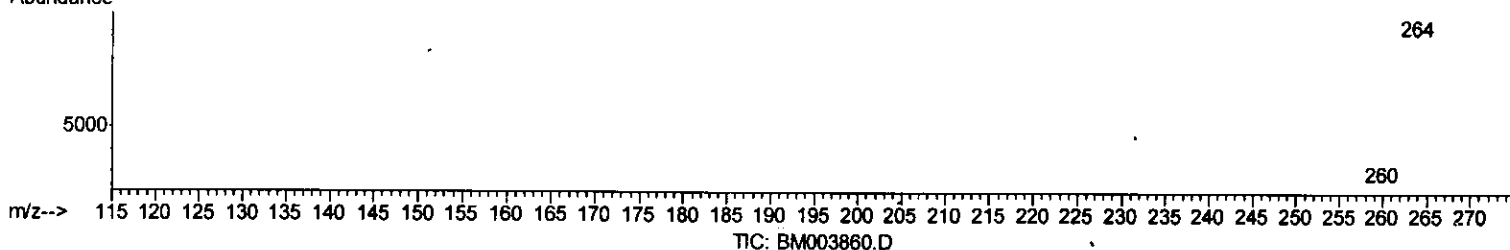
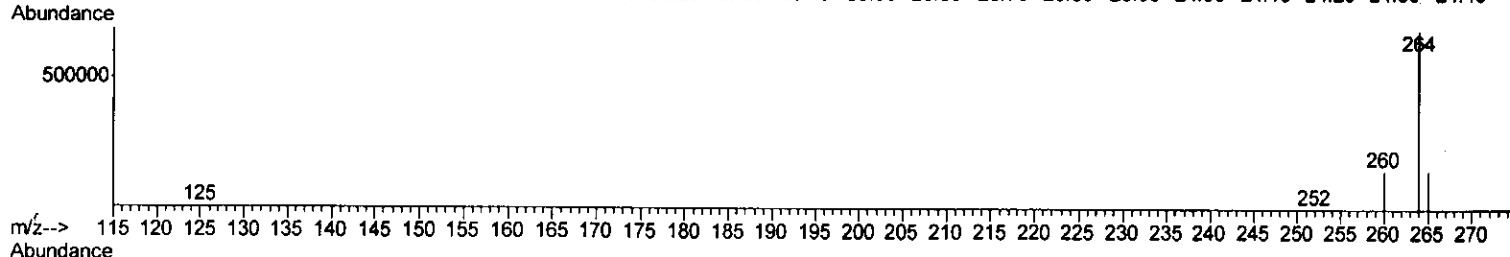
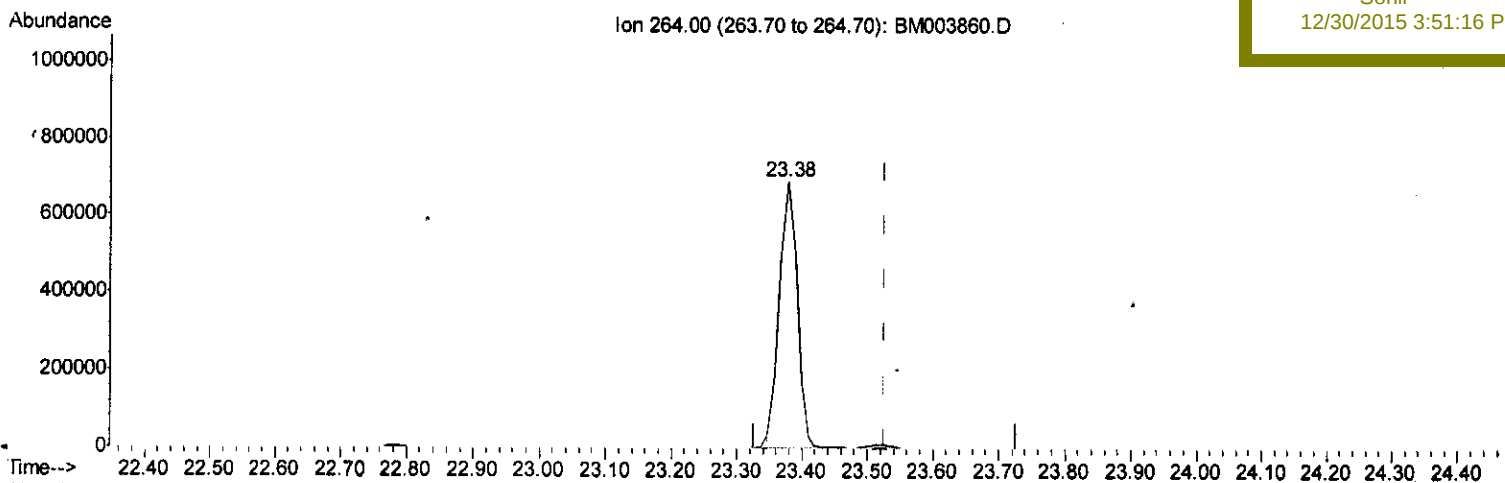
QLast Update : Wed Dec 30 03:30:26 2015

Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N67

Manual Integrations
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(22) Perylene-d12 (I)

23.378min (-0.149) 0.40ng/ul

response 1288148

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.68
265.00	38.20	21.52#
0.00	0.00	0.00

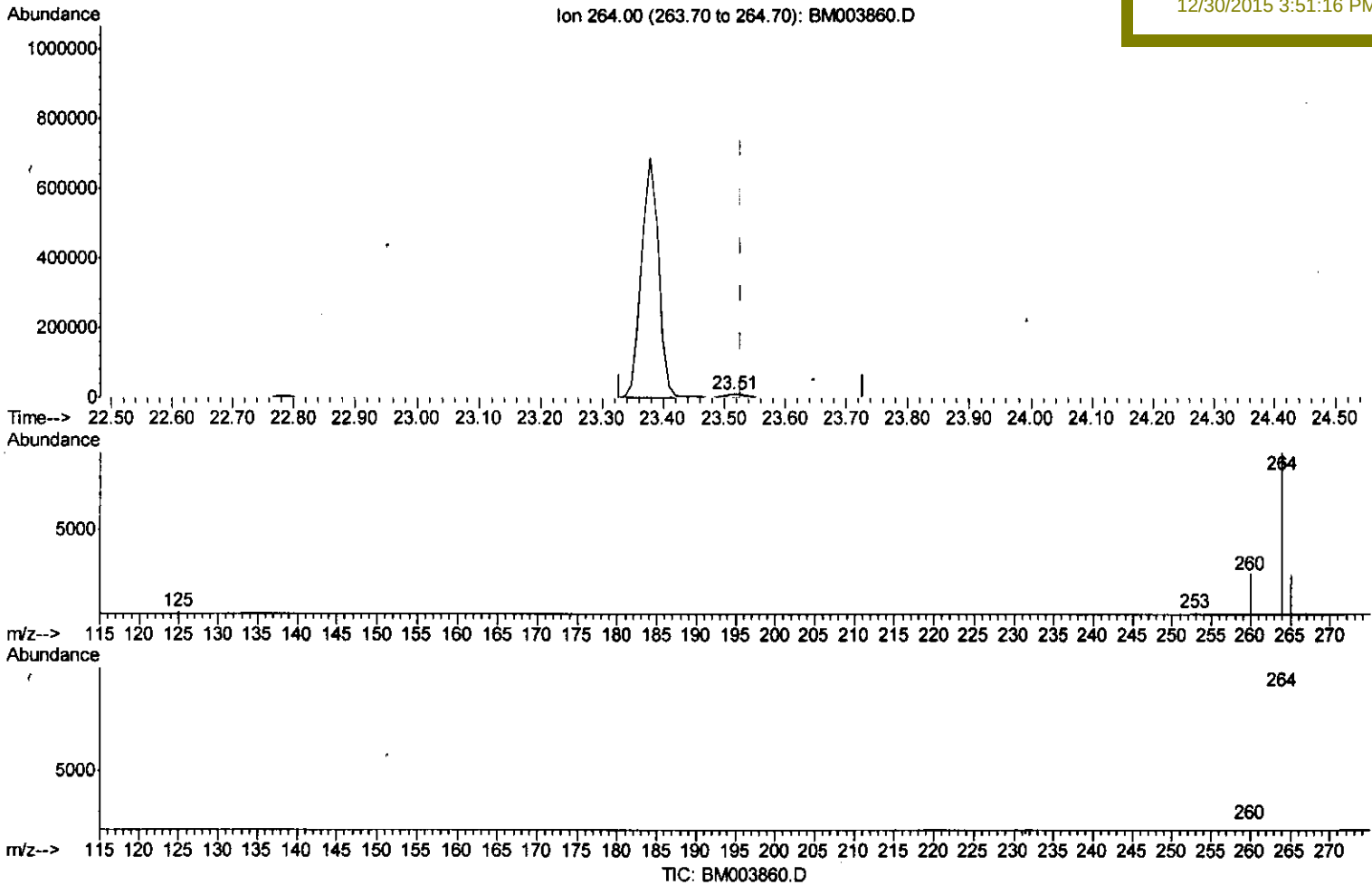
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Instrument :
BNA_M
ClientSampled :
D9N67

Manual Integrations
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(22) Perylene-d12 (I)

23.514min (-0.014) 0.40ng/ul m

response 15955

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.62
265.00	38.20	26.10#
0.00	0.00	0.00

U.M
11/18

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
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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	4015	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17706	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11055	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	24912m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	23297	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	15955m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	19504	11.37	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	7831	0.37	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	20907m	0.40	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	34248	0.86	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	1837	0.07	ng/ul	99
10) Acenaphthene	14.38	153	998	0.03	ng/ul#	81
11) Fluorene	15.38	166	1272	0.03	ng/ul#	72
14) Phenanthrene	17.11	178	8954m	0.14	ng/ul	
17) Fluoranthene	19.14	202	5857	0.08	ng/ul	96

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