

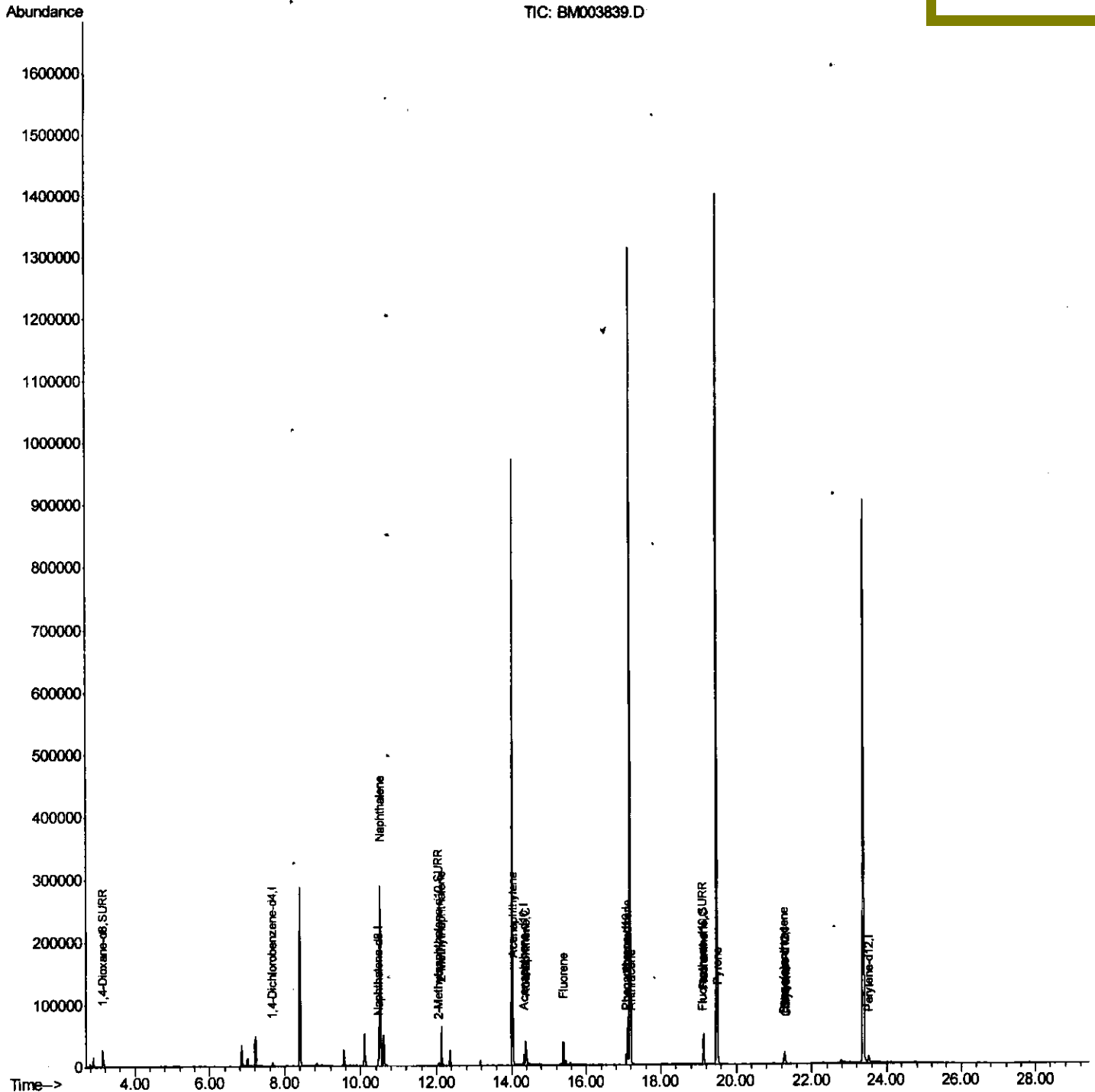
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003839.D
Acq On : 28 Dec 2015 21:34
Operator : SJ/UM
Sample : G4849-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N68

Quant Time: Dec 29 14:54:16 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 07:09:39 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

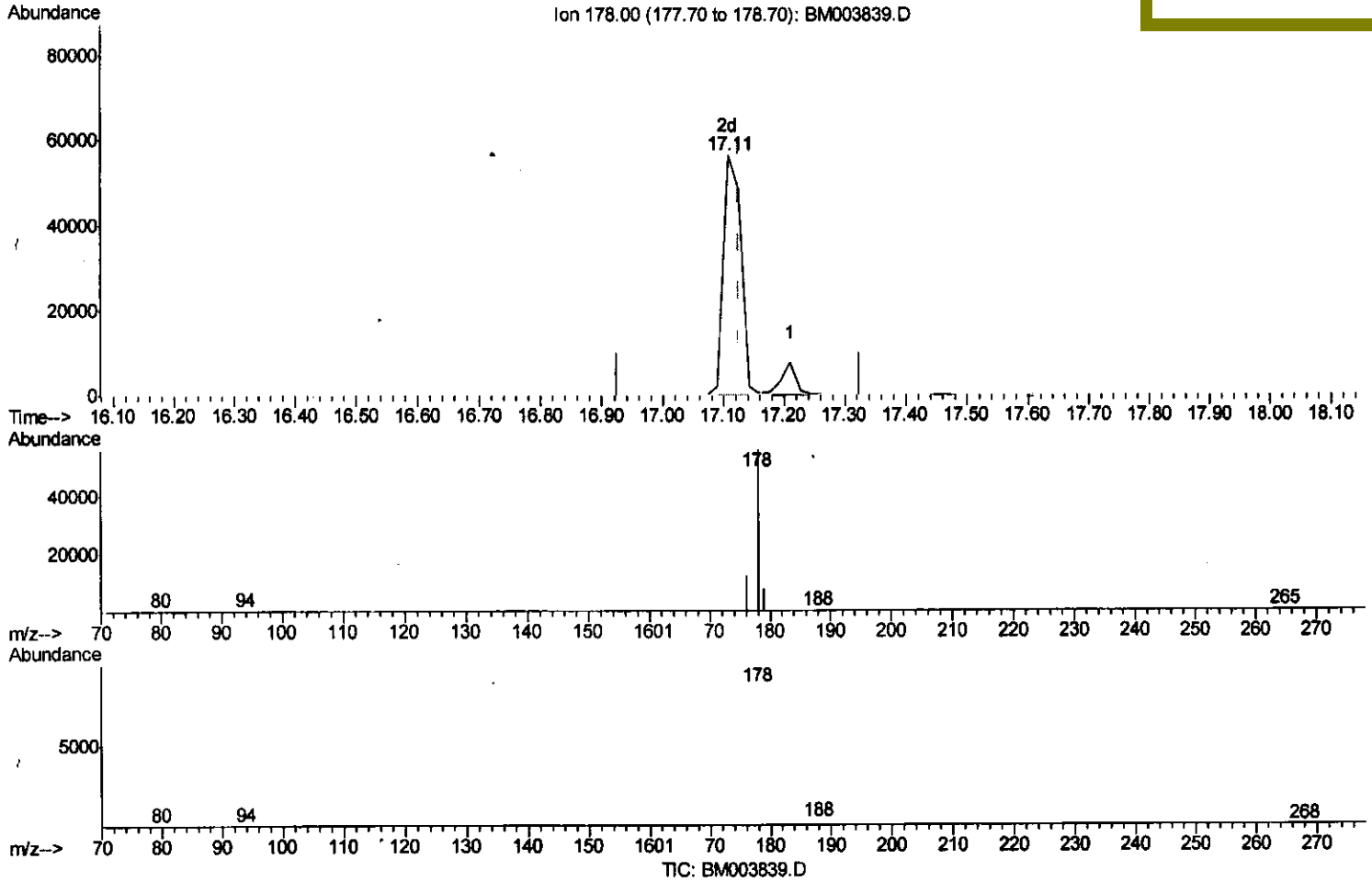
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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 07:09:39 2015
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(14) Phenanthrene

17.108min (-0.017) 1.96ng/ul m

response 112907

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.34#
179.00	17.70	13.49#
0.00	0.00	0.00

U.M.
 12/31/15

Quantitation Report (Qedit)

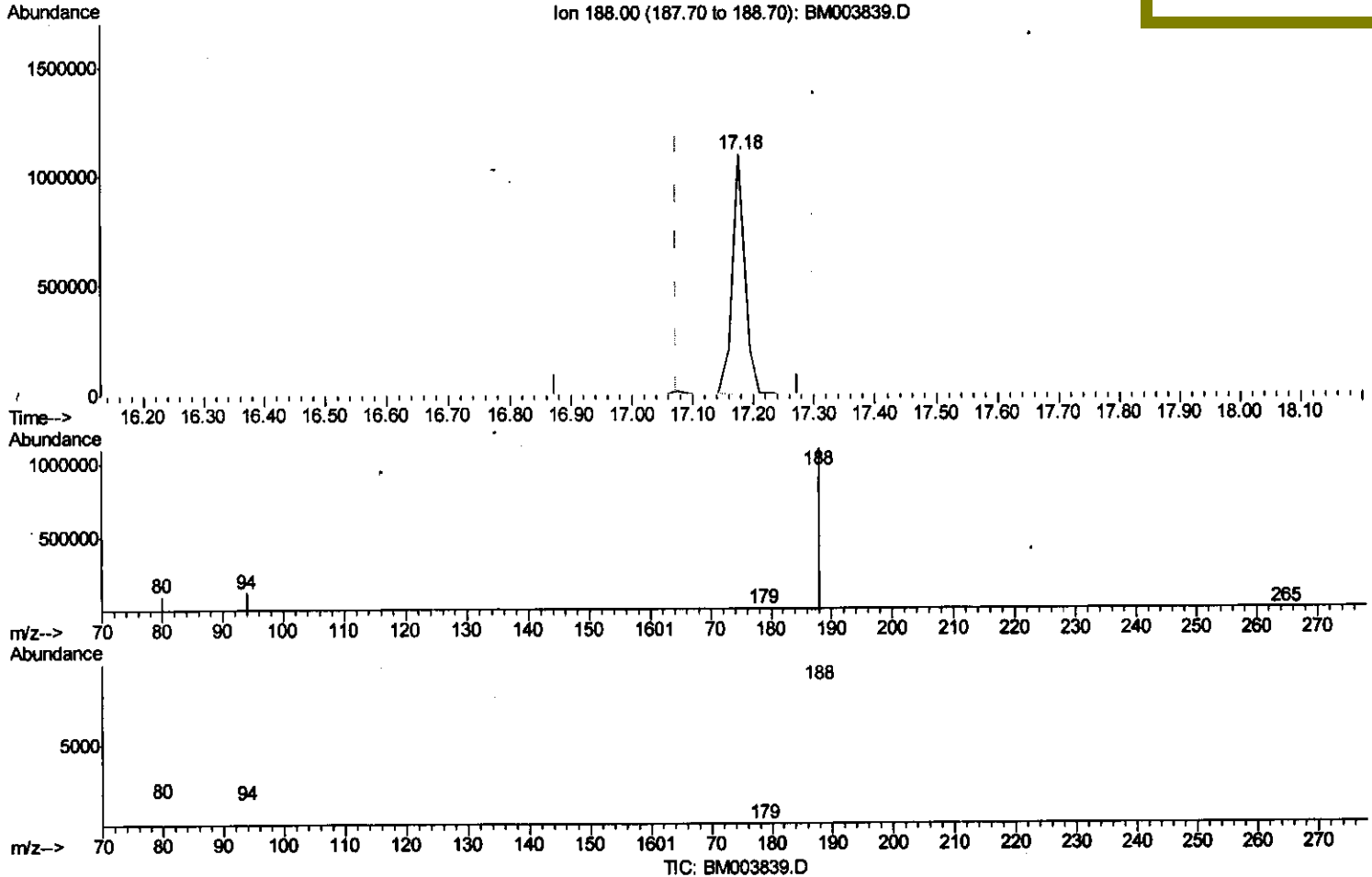
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:14:29 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 07:09:39 2015
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Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1558396

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.76
80.00	11.90	8.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

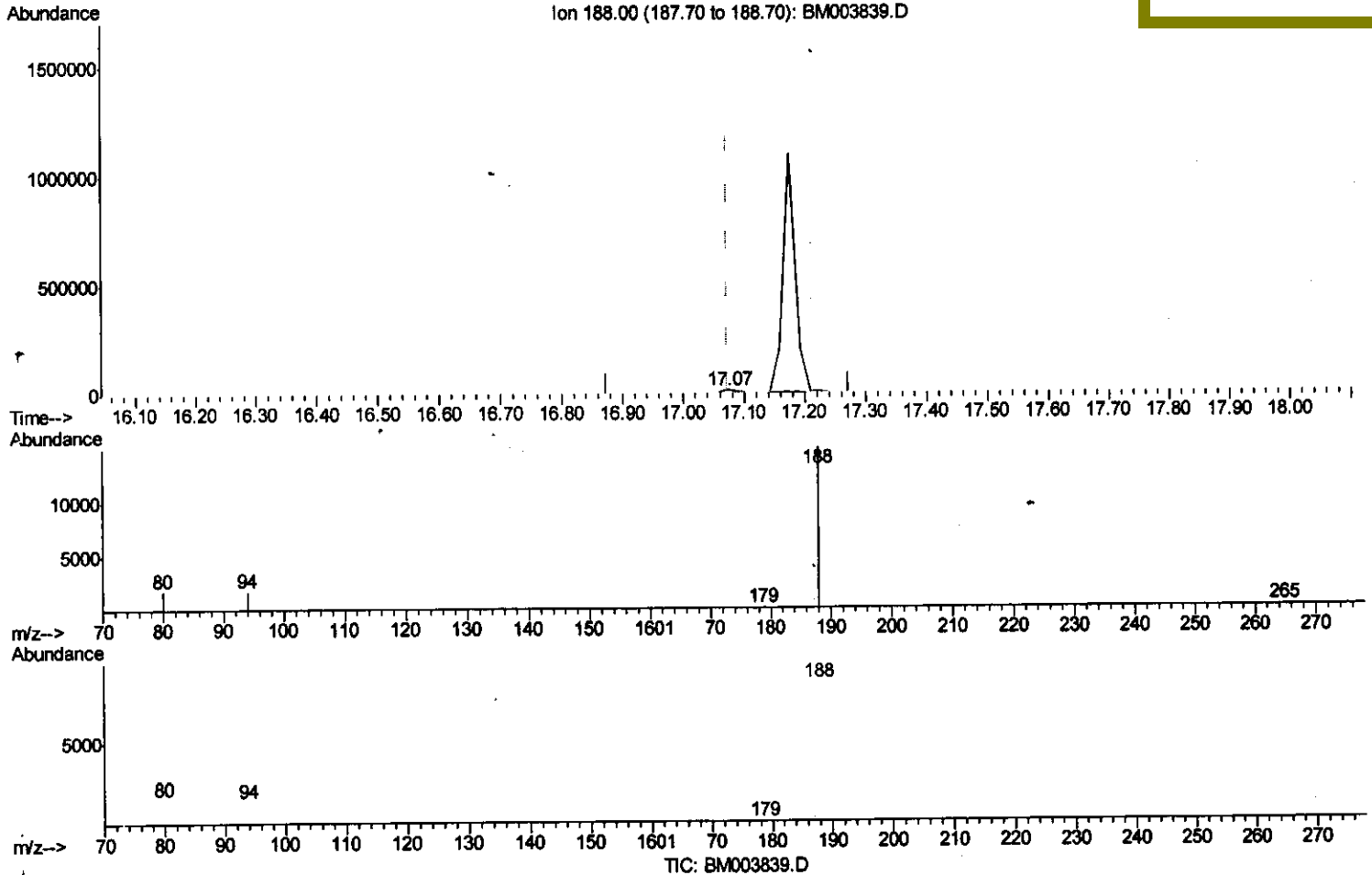
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9N68

Quant Time: Dec 29 07:14:29 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 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m

response 22346

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.59
80.00	11.90	11.92
0.00	0.00	0.00

G.M.
12/31/15

Quantitation Report (Qedit)

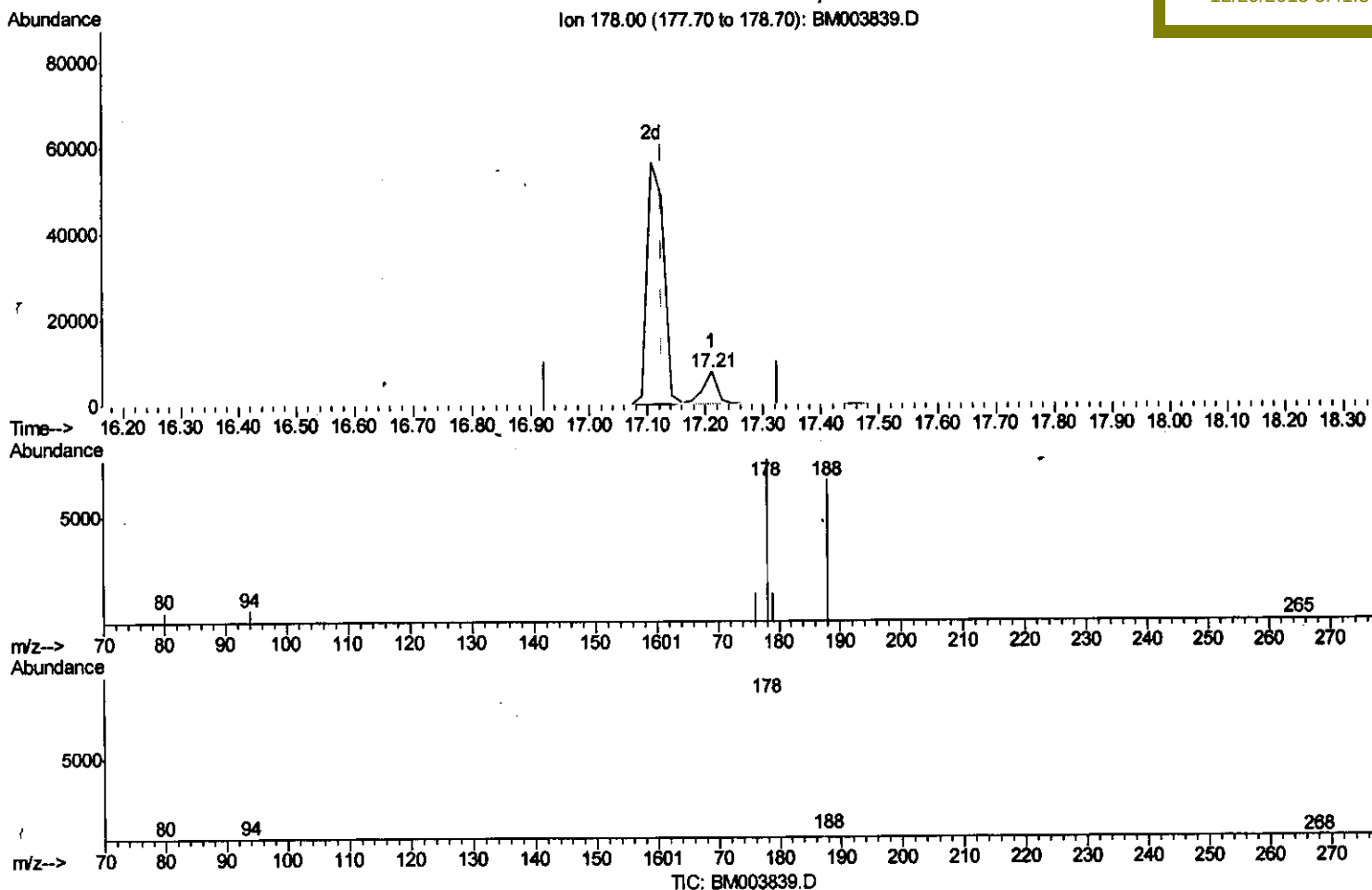
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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 07:09:39 2015
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Manual Integrations
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(14) Phenanthrene

17.211min (+0.086) 0.22ng/ul

response 12931

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.94
179.00	17.70	17.56
0.00	0.00	0.00

Quantitation Report (Qedit)

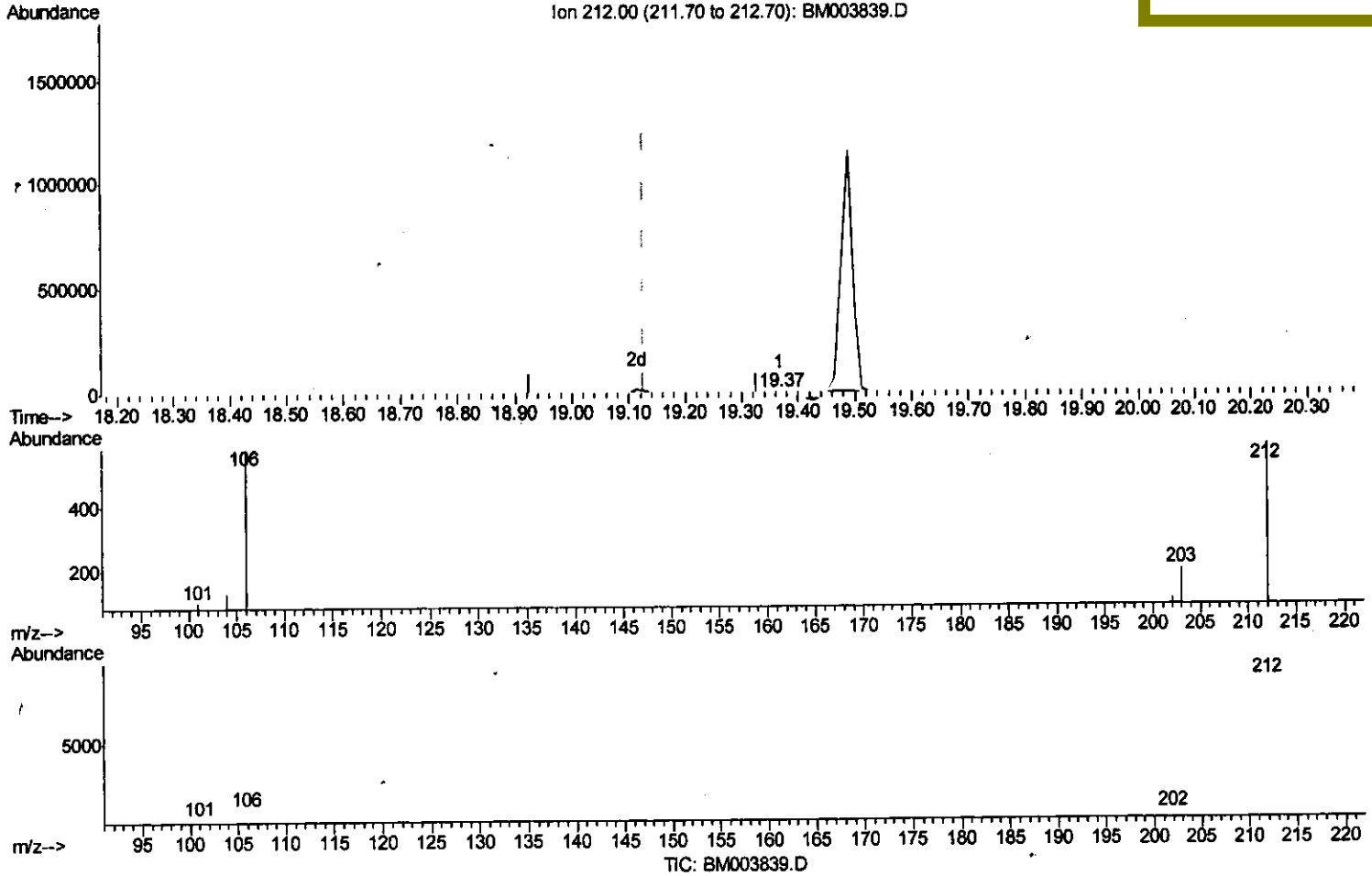
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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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Manual Integrations
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(16) Fluoranthene-d10 (SURR)

19.368min (+0.242) 0.02ng/ul

response 845

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	78.93#
104.00	11.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

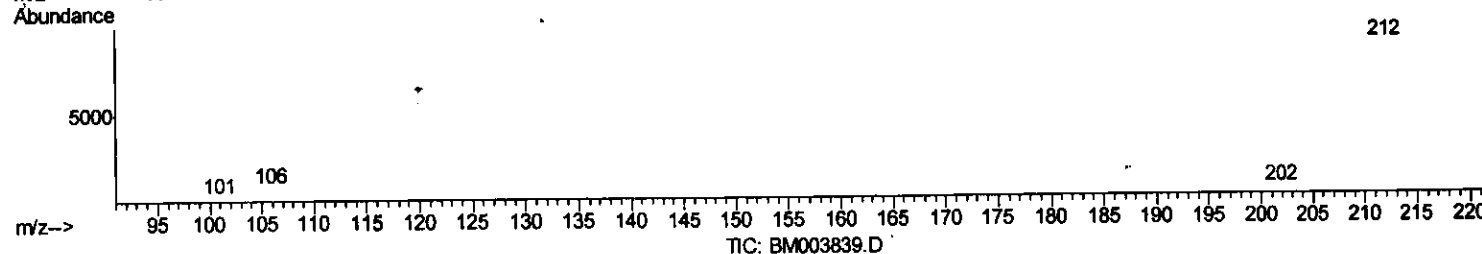
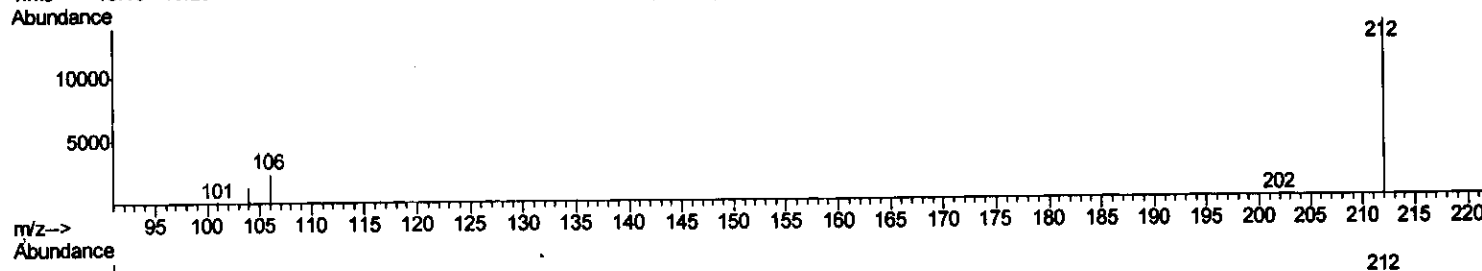
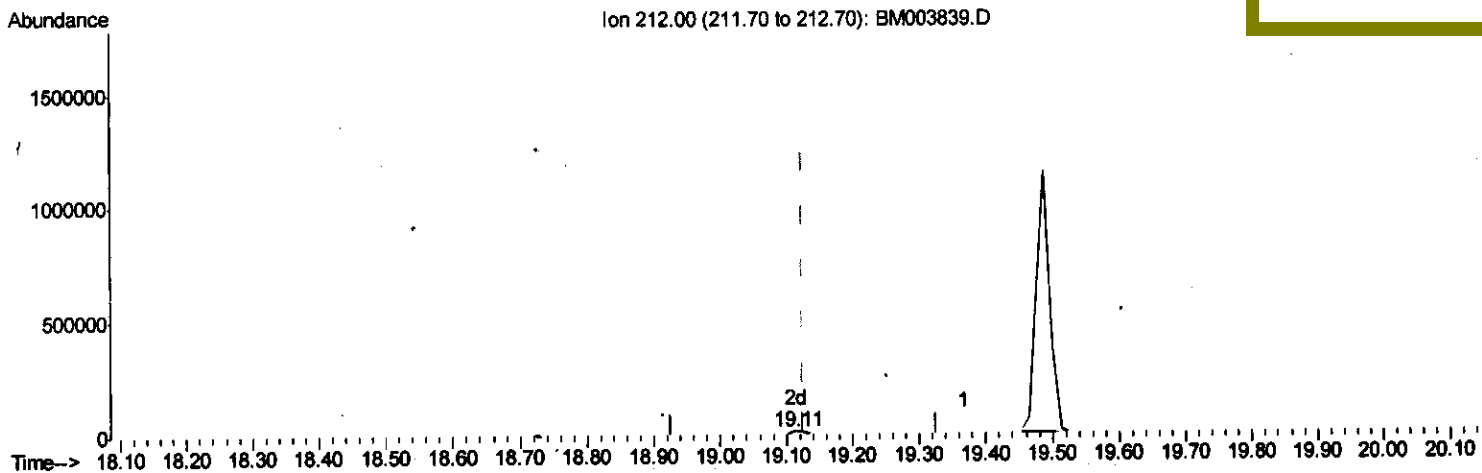
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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 07:09:39 2015
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Manual Integrations
 APPROVED

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(16) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.45ng/ul m

U.M
 1213115

response 21191

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	3.15#
104.00	11.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

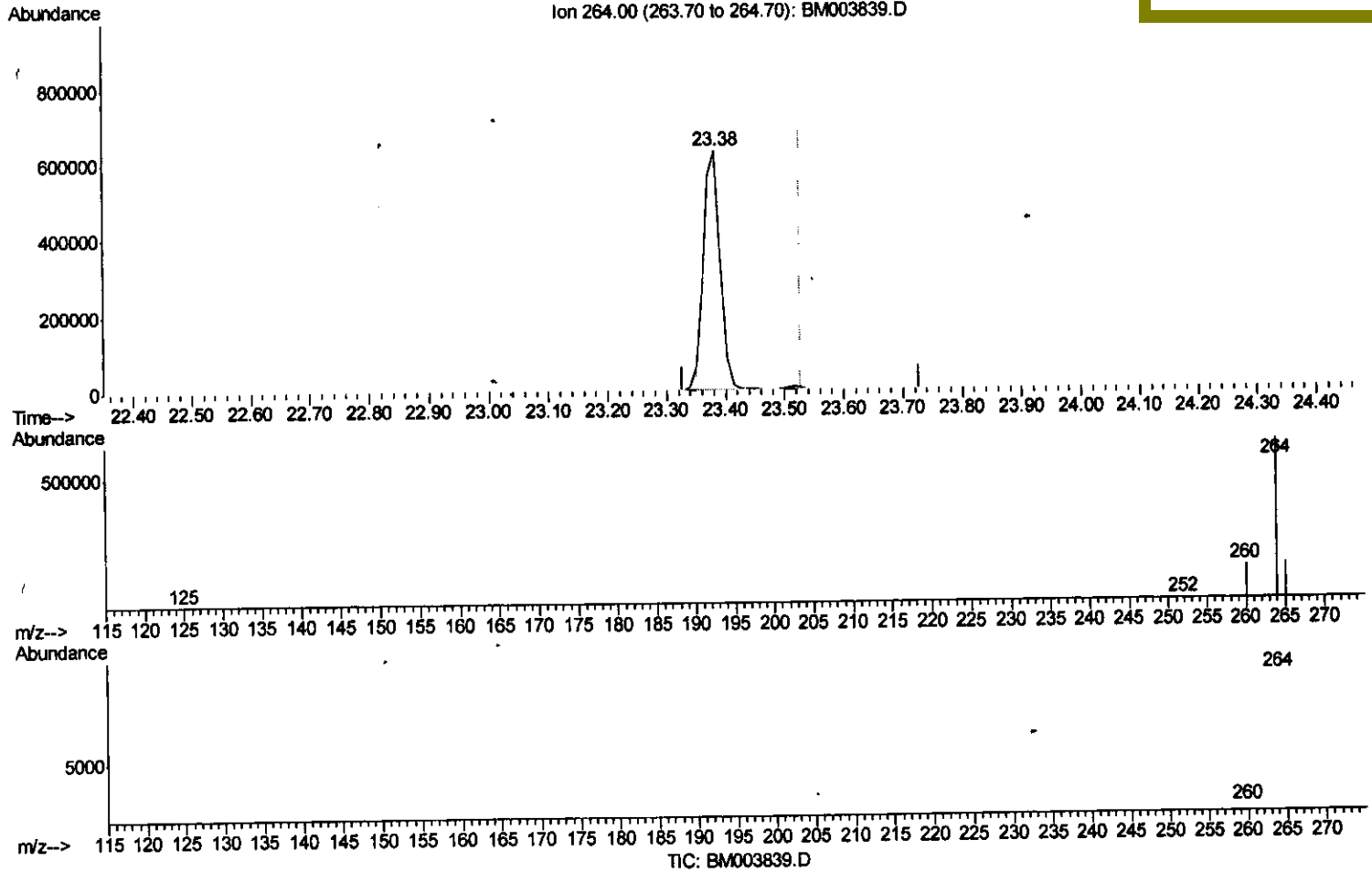
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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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Manual Integrations
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(22) Perylene-d12 (I)

23.382min (-0.146) 0.40ng/ul

response 1200798

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.83
265.00	38.20	22.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

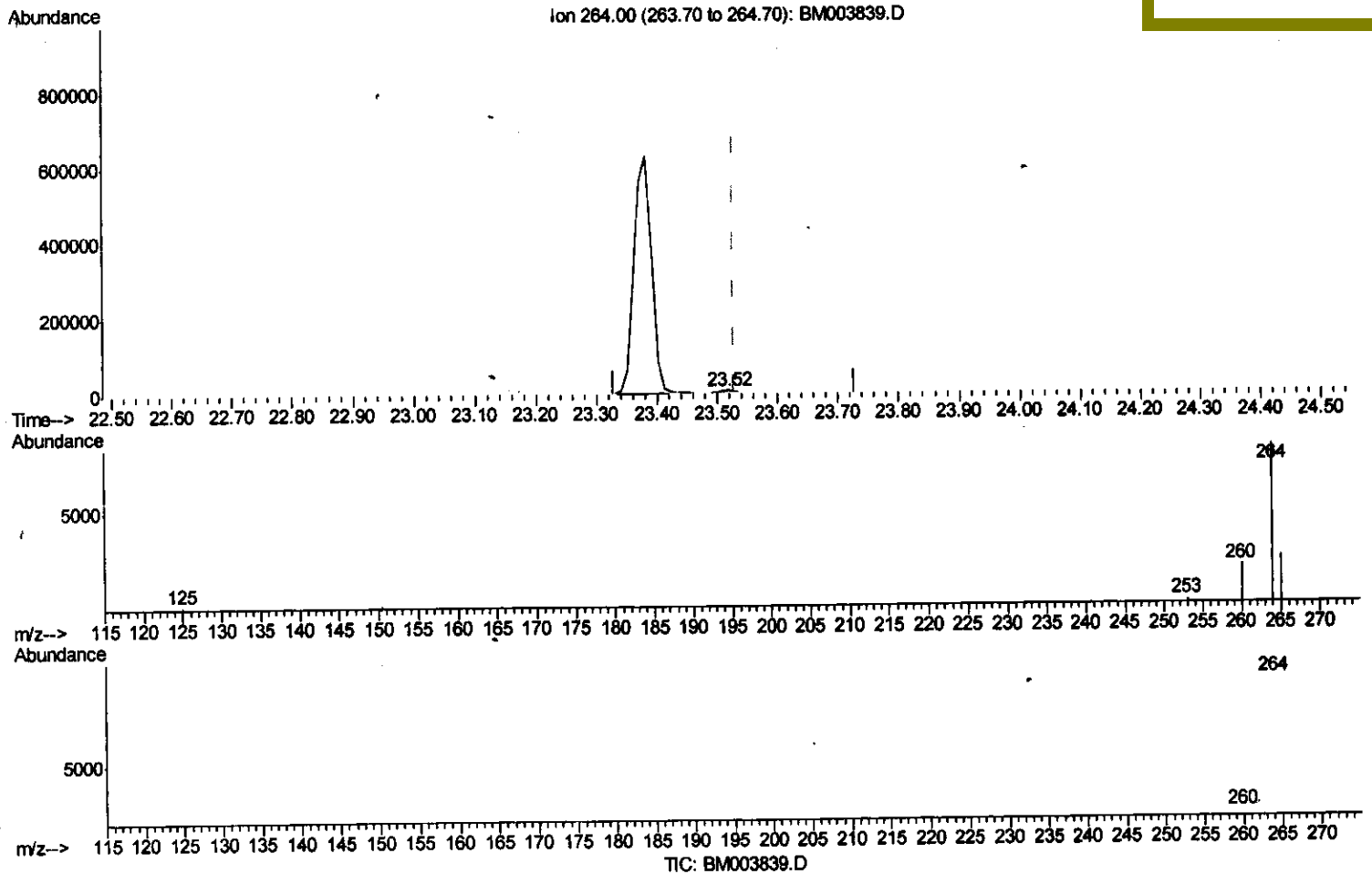
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 07:51:05 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 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
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(22) Perylene-d12 (I)

23.517min (-0.011) 0.40ng/ul m

response 12754

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.07
265.00	38.20	31.61
0.00	0.00	0.00

U.M
 12/31/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003839.D
 Acq On : 28 Dec 2015 21:34
 Operator : SJ/UM
 Sample : G4849-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68

Quant Time: Dec 29 14:54:16 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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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3648	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16321	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10302	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	22346m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	19476	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	12754m	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	21256	13.63	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.06	152	8416	0.43	ng/ul	-0.01
16) Fluoranthene-d10	19.11	212	21191m	0.45	ng/ul	-0.01

Target Compounds

						Ovalue
5) Naphthalene	10.51	128	404591	11.00	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	48476	1.96	ng/ul	99
9) Acenaphthylene	14.04	152	1239	0.03	ng/ul#	80
10) Acenaphthene	14.38	153	27193	0.86	ng/ul#	81
11) Fluorene	15.39	166	39028	1.11	ng/ul	96
14) Phenanthrene	17.11	178	112907m	1.96	ng/ul	98
15) Anthracene	17.21	178	12975	0.26	ng/ul	98
17) Fluoranthene	19.15	202	52423	0.84	ng/ul	93
19) Pyrene	19.51	202	37714	0.72	ng/ul	95
20) Benzo(a)anthracene	21.27	228	6979	0.15	ng/ul	94
21) Chrysene	21.32	228	5731	0.11	ng/ul	93

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