

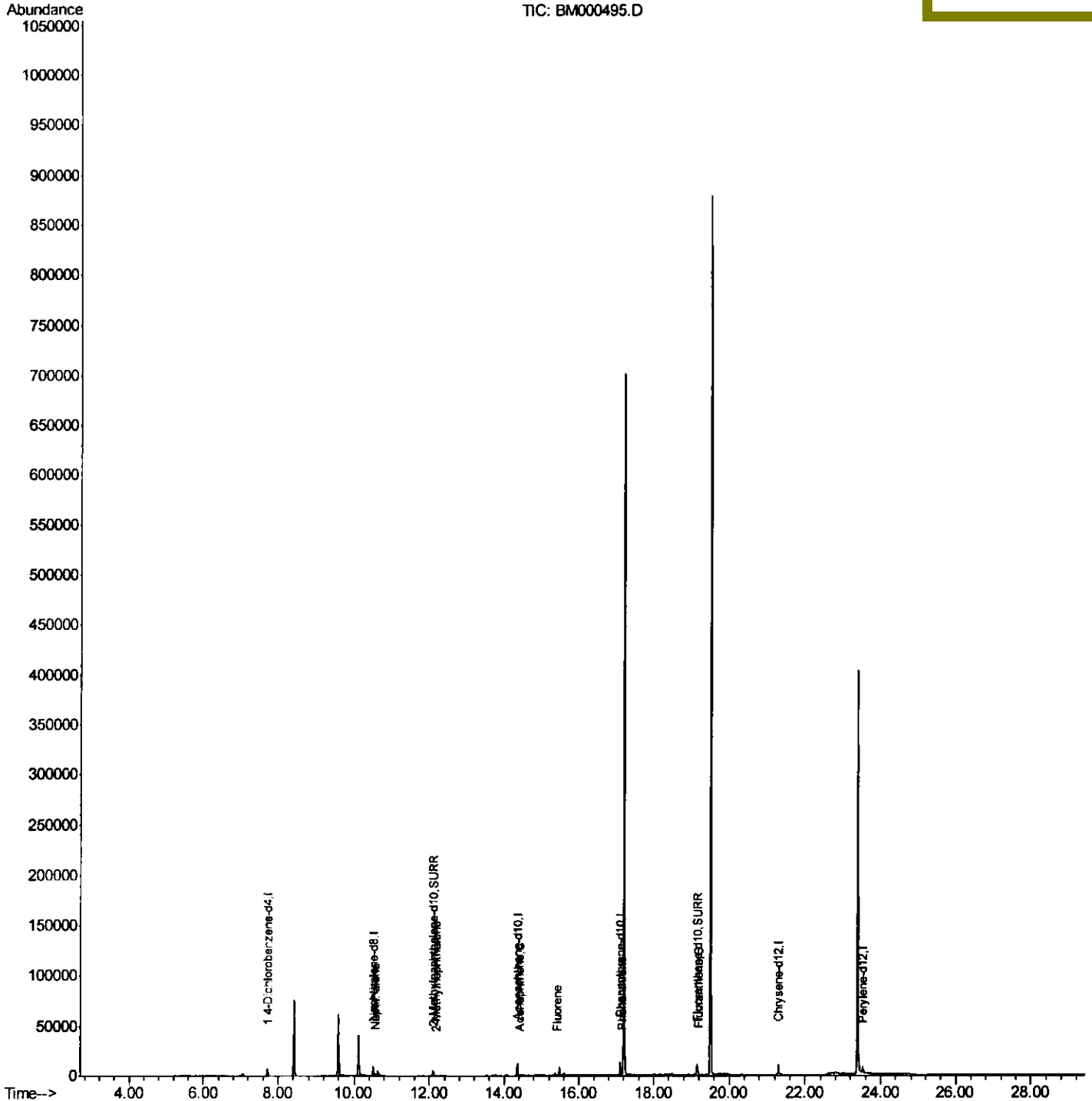
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000495.D
Acq On : 12 Feb 2015 02:18
Operator : TP/IZ
Sample : G1249-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FM9

Quant Time: Feb 12 03:18:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
2/12/2015 4:10:53 PM



Quantitation Report (Qedit)

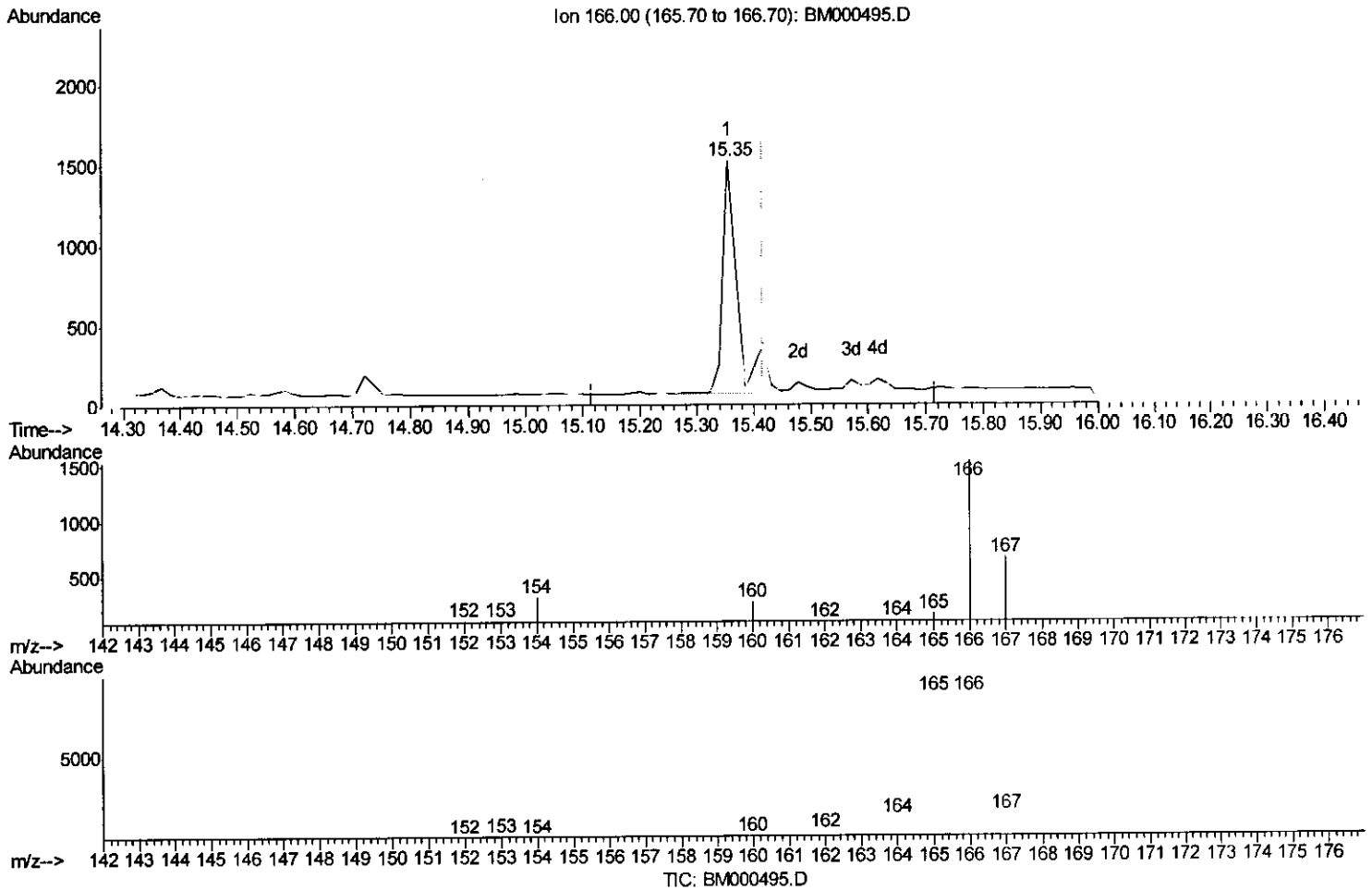
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
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Manual Integrations
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Quant Time: Feb 12 03:03:22 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 23:58:48 2015
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(9) Fluorene

15.354min (-0.062) 0.08ng/ul

response 2390

Ion	Exp%	Act%
166.00	100	100
165.00	93.00	10.14#
167.00	14.10	43.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

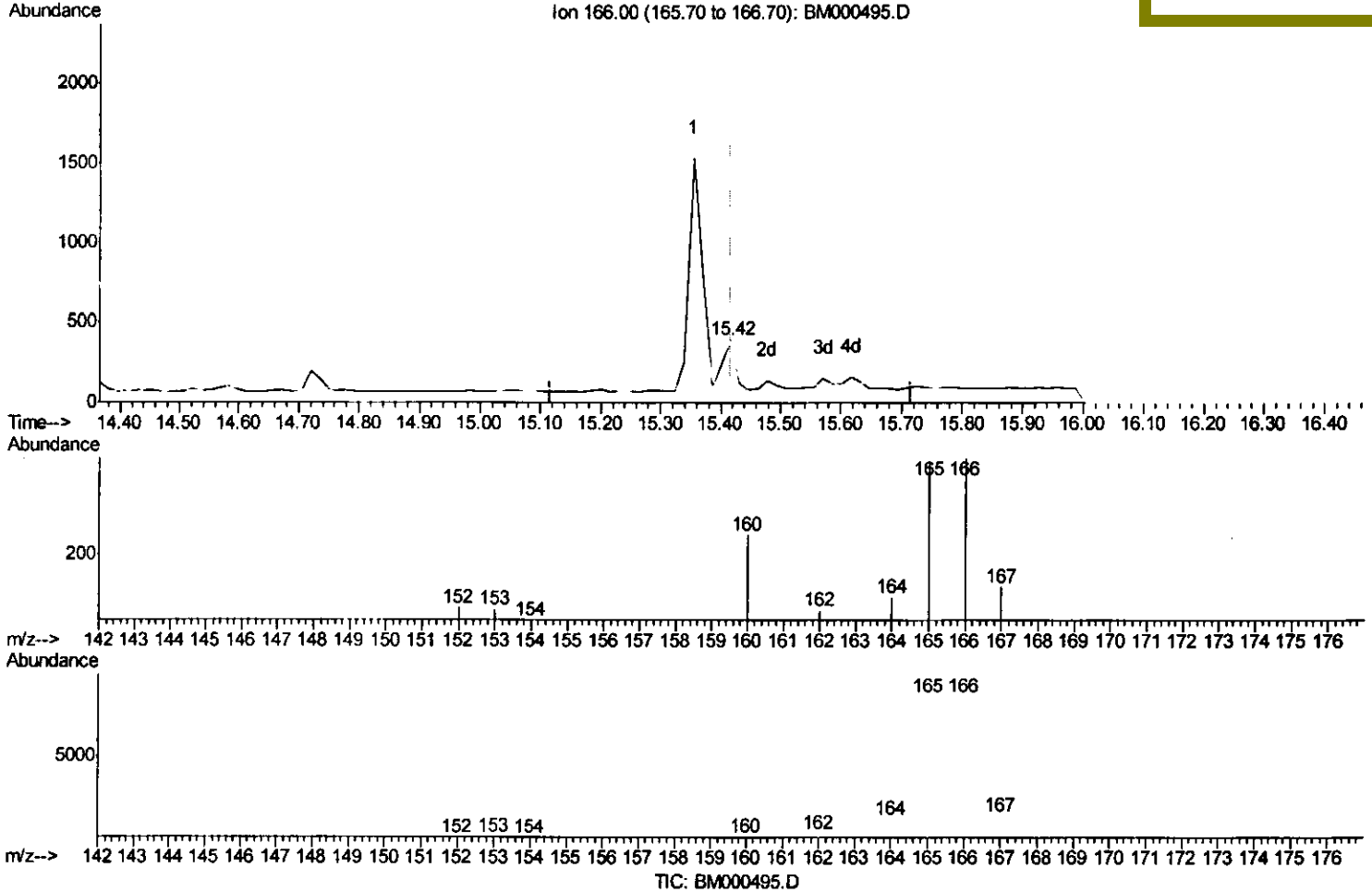
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Feb 12 03:03:22 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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(9) Fluorene

15.416min (-0.000) 0.01ng/ul m

response 443

Ion	Exp%	Act%
166.00	100	100
165.00	93.00	96.94
167.00	14.10	34.69#
0.00	0.00	0.00

TP
 2/17/15

Quantitation Report (Qedit)

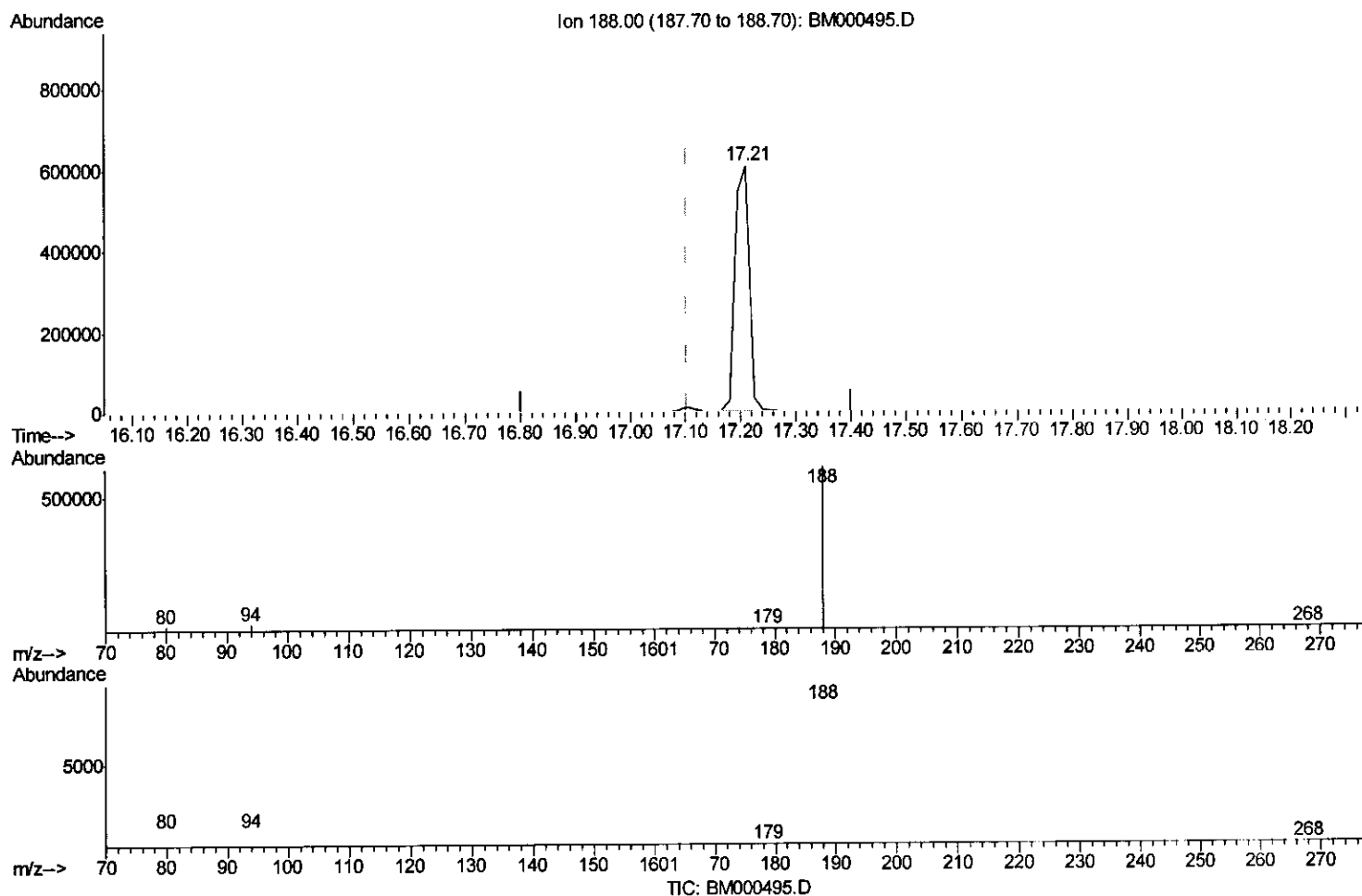
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Manual Integrations
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apatel
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Quant Time: Feb 12 03:03:22 2015
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(10) Phenanthrene-d10 (I)

17.210min (+0.108) 0.40ng/ul

response 1135641

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	3.91#
80.00	10.40	2.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

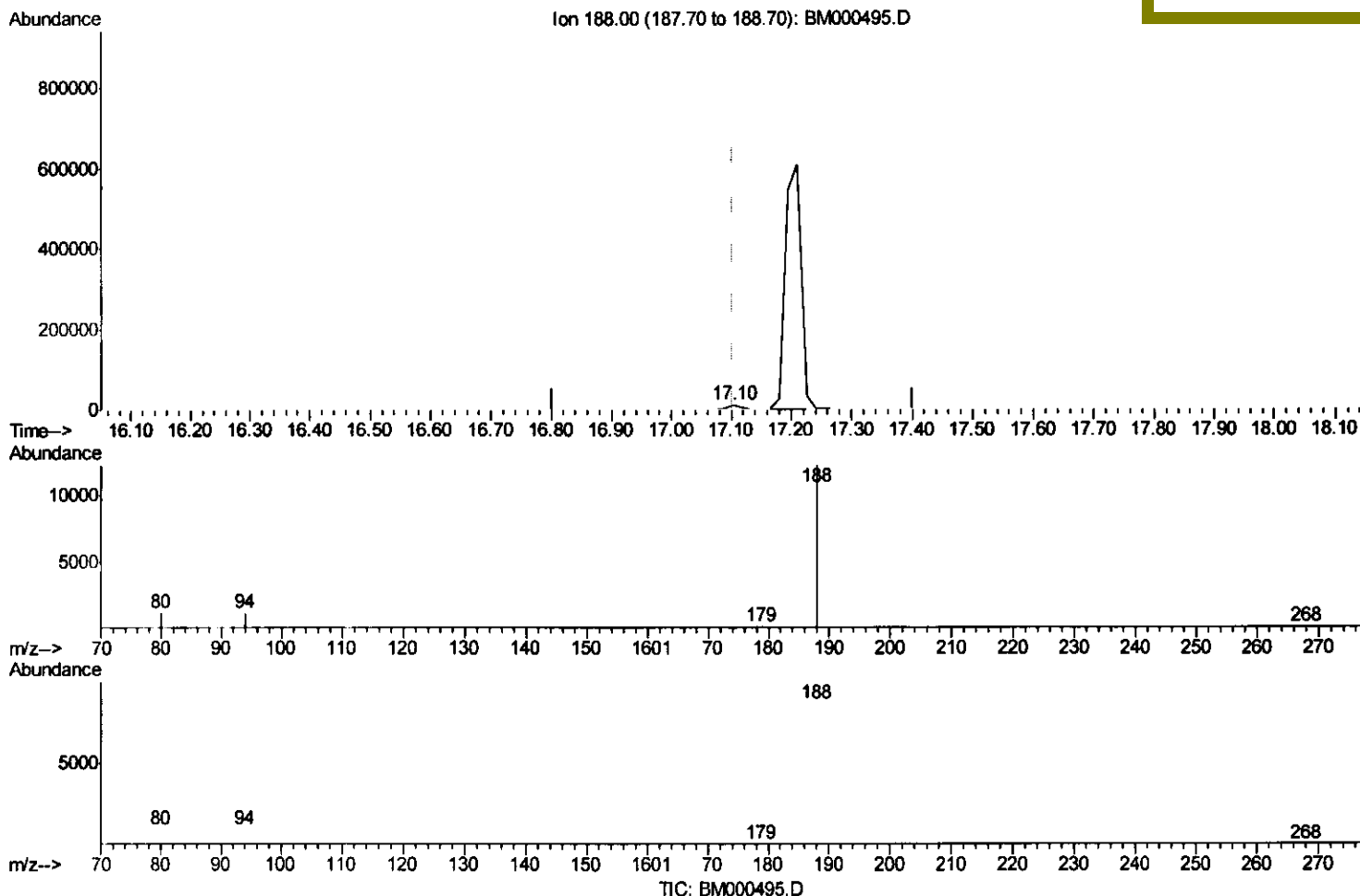
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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apatel
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Quant Time: Feb 12 03:03:22 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
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(10) Phenanthrene-d10 (I)

17.102min (-0.000) 0.40ng/ul m

response 17876

T.P.
 2/17/15

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	9.43
80.00	10.40	9.54
0.00	0.00	0.00

Quantitation Report (Qedit)

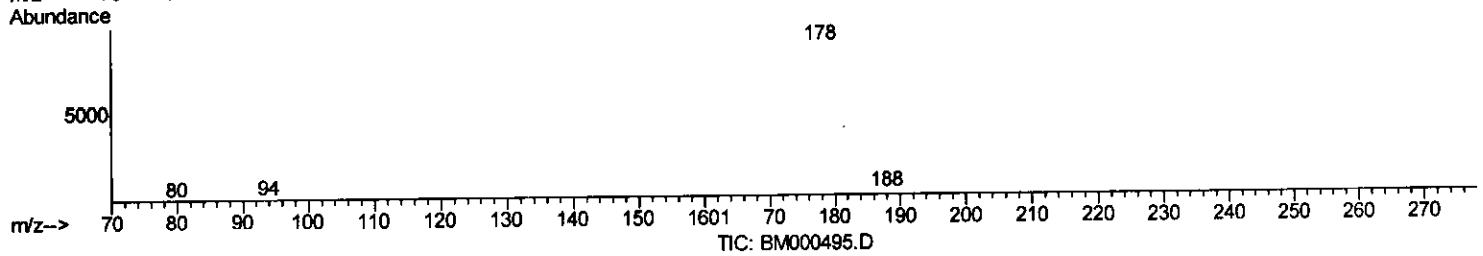
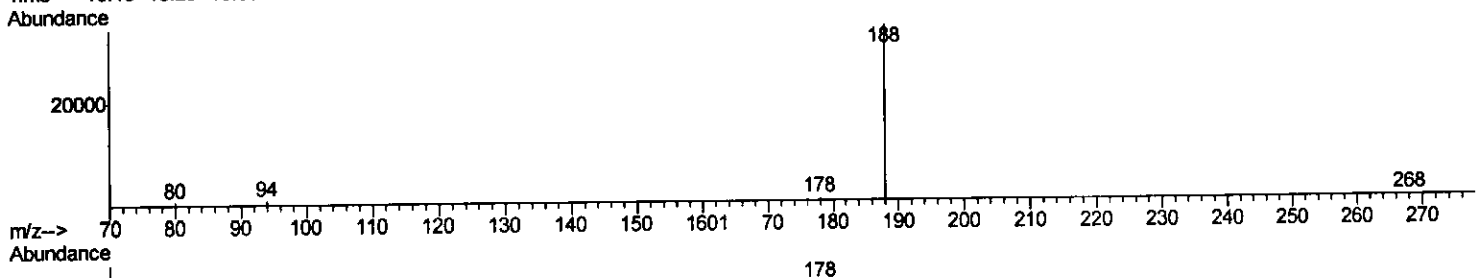
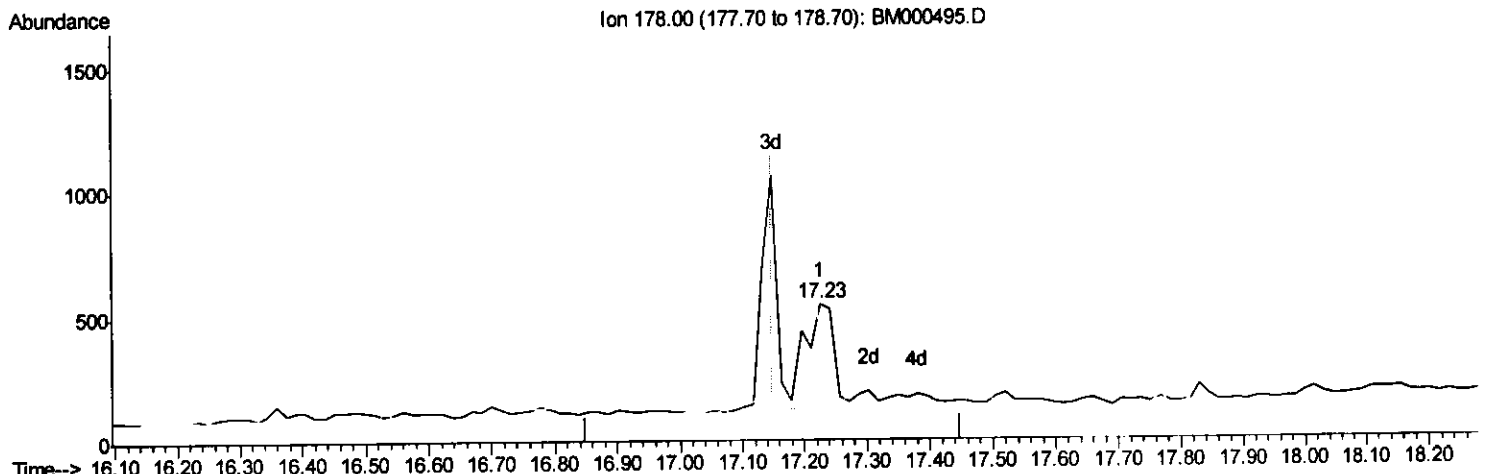
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Manual Integrations
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Quant Time: Feb 12 03:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
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(12) Phenanthrene

17.226min (+0.077) 0.03ng/ul

response 1328

Ion	Exp%	Act%
178.00	100	100
176.00	18.70	37.29#
179.00	16.20	53.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

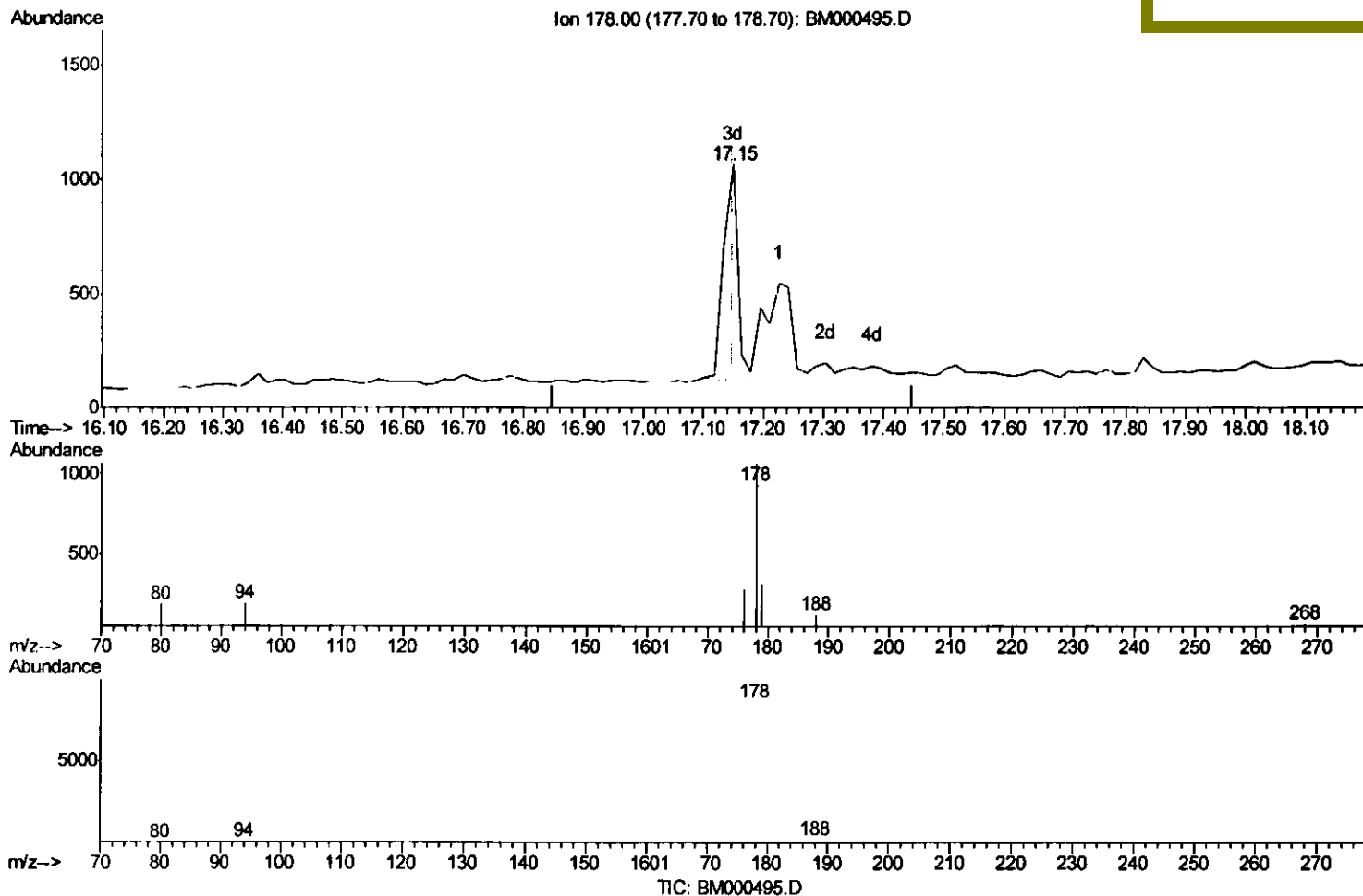
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Quant Time: Feb 12 03:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM



(12) Phenanthrene

17.148min (-0.000) 0.03ng/ul m

response 1554

Ion Exp% Act%

178.00 100 100

176.00 18.70 26.06#

179.00 16.20 29.54#

0.00 0.00 0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

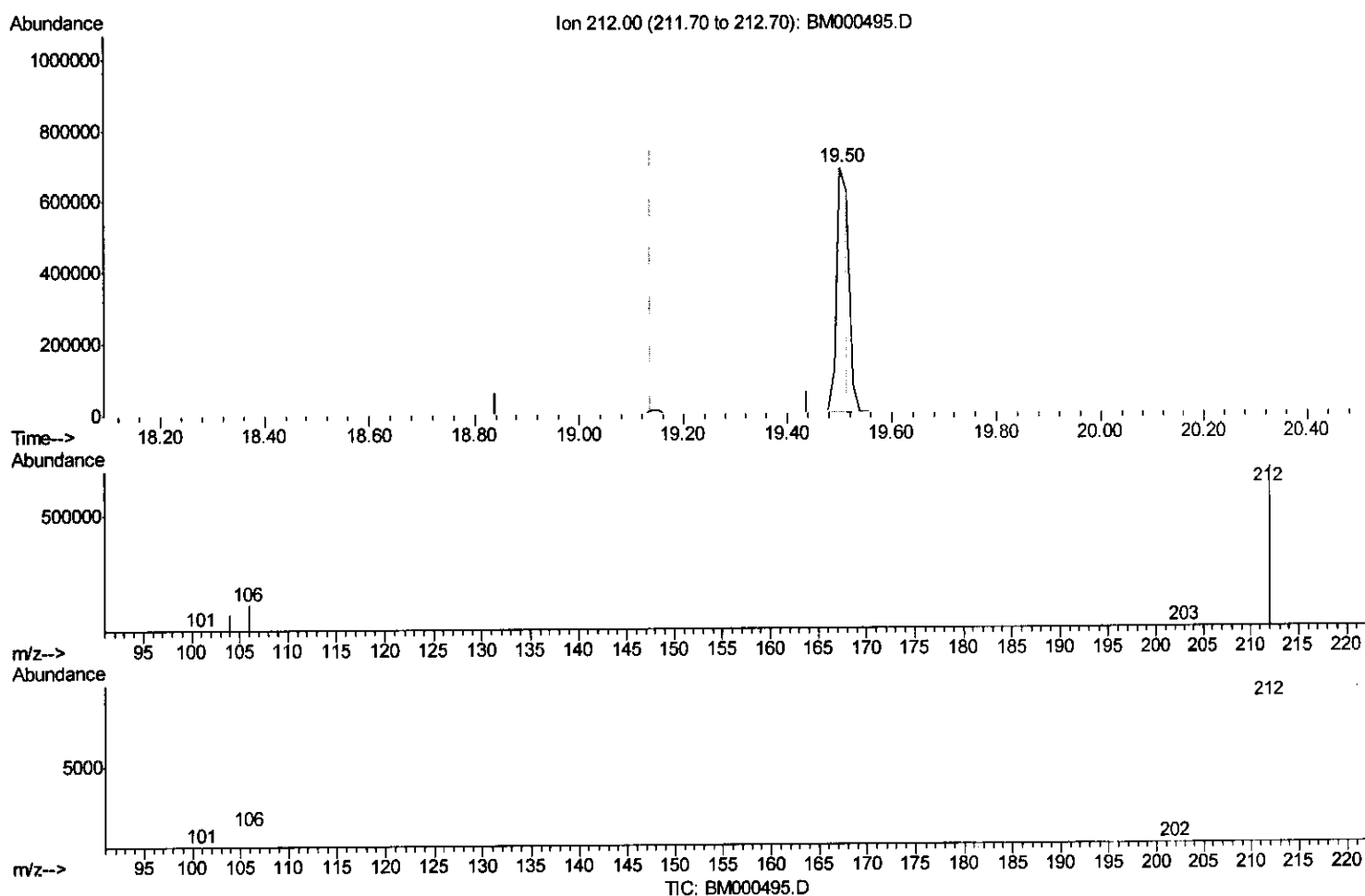
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000495.D
Acq On : 12 Feb 2015 02:18
Operator : TP/IZ
Sample : G1249-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FM9

Manual Integrations
APPROVED

apatel
2/12/2015 4:10:53 PM

Quant Time: Feb 12 03:14:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
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Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.502min (+0.363) 26.36ng/ul

response 1043744

Ion	Exp%	Act%
212.00	100	100
106.00	11.50	14.15#
104.00	6.80	9.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

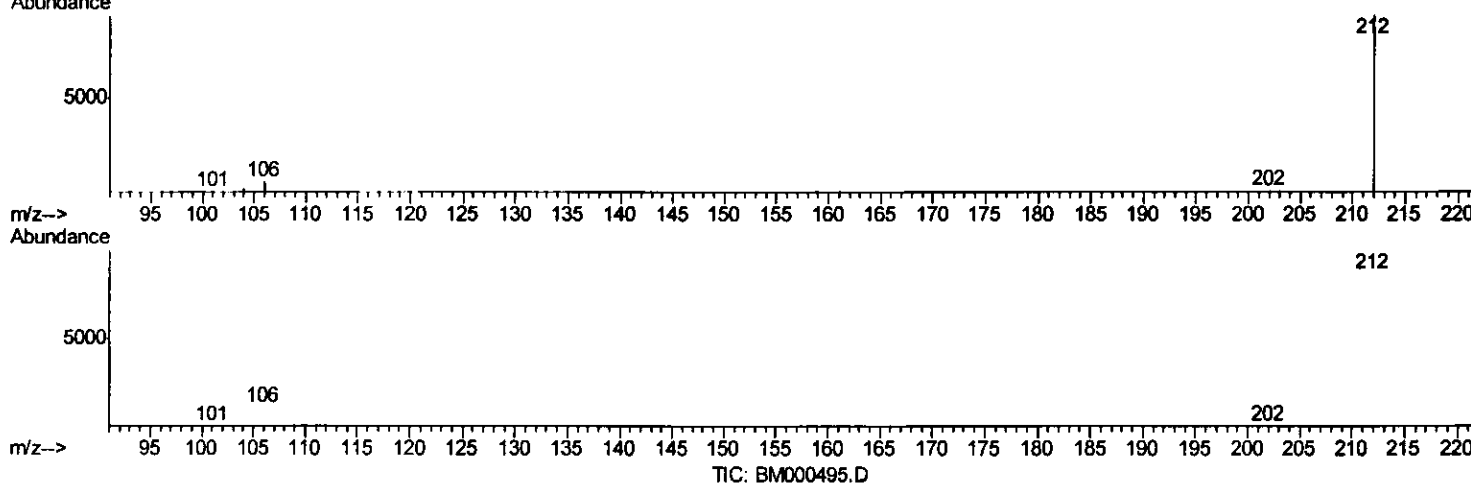
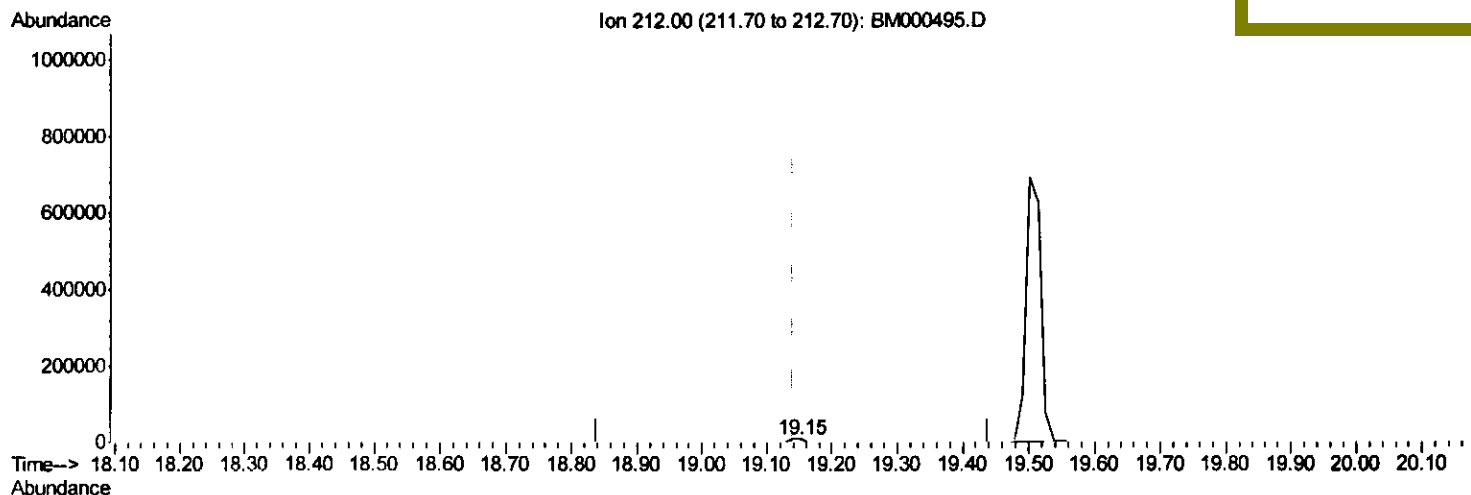
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Quant Time: Feb 12 03:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM



(14) Fluoranthene-d10 (SURR)

19.151min (+0.012) 0.39ng/ul m T.P.

response 15354

Ion	Exp%	Act%
212.00	100	100
106.00	11.50	961.63#
104.00	6.80	635.81#
0.00	0.00	0.00

2/12/15

Quantitation Report (Qedit)

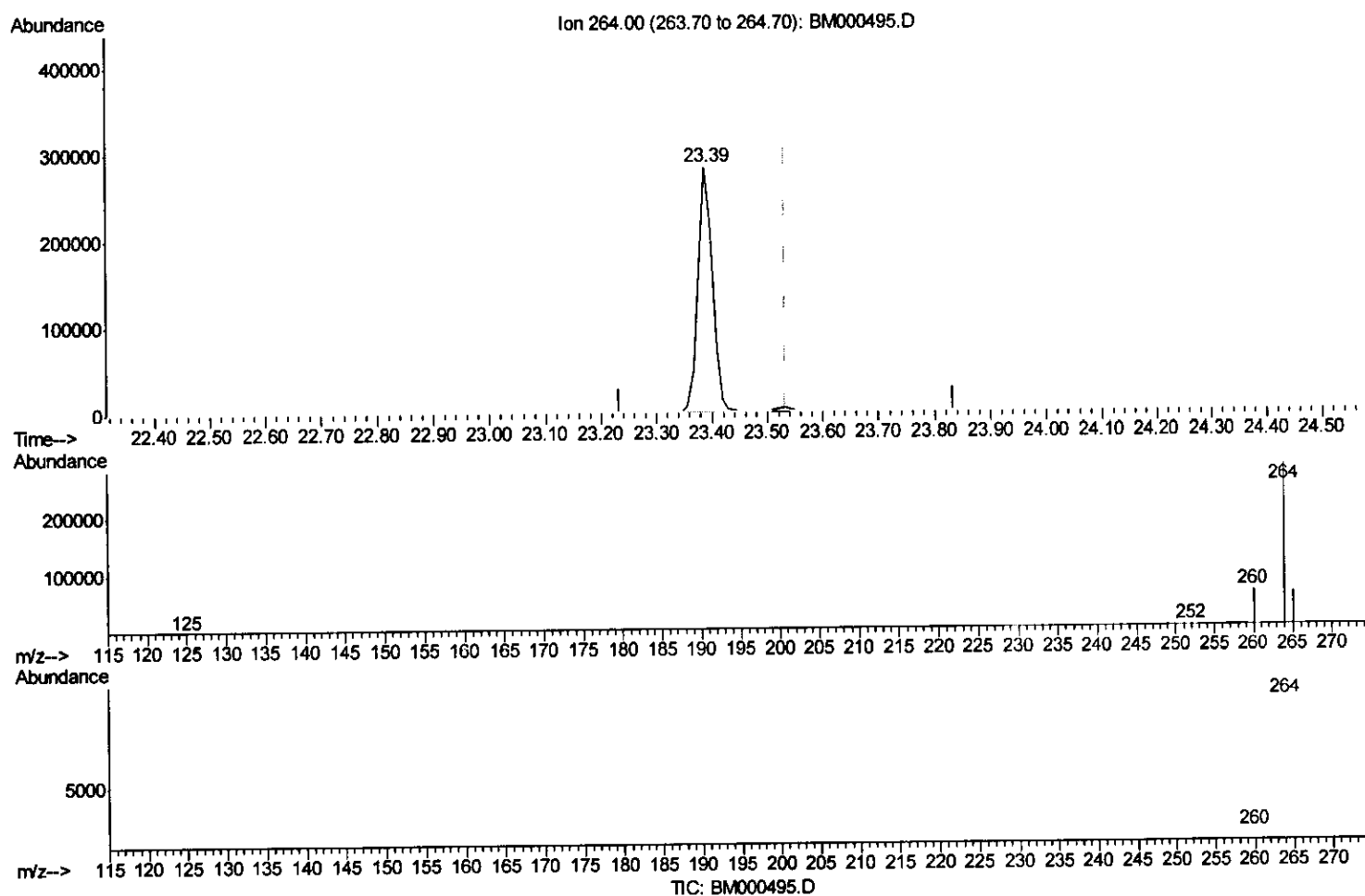
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM

Quant Time: Feb 12 03:14:13 2015
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(20) Perylene-d12 (I)

23.387min (-0.146) 0.40ng/ul

response 518972

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	21.82
265.00	30.20	20.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

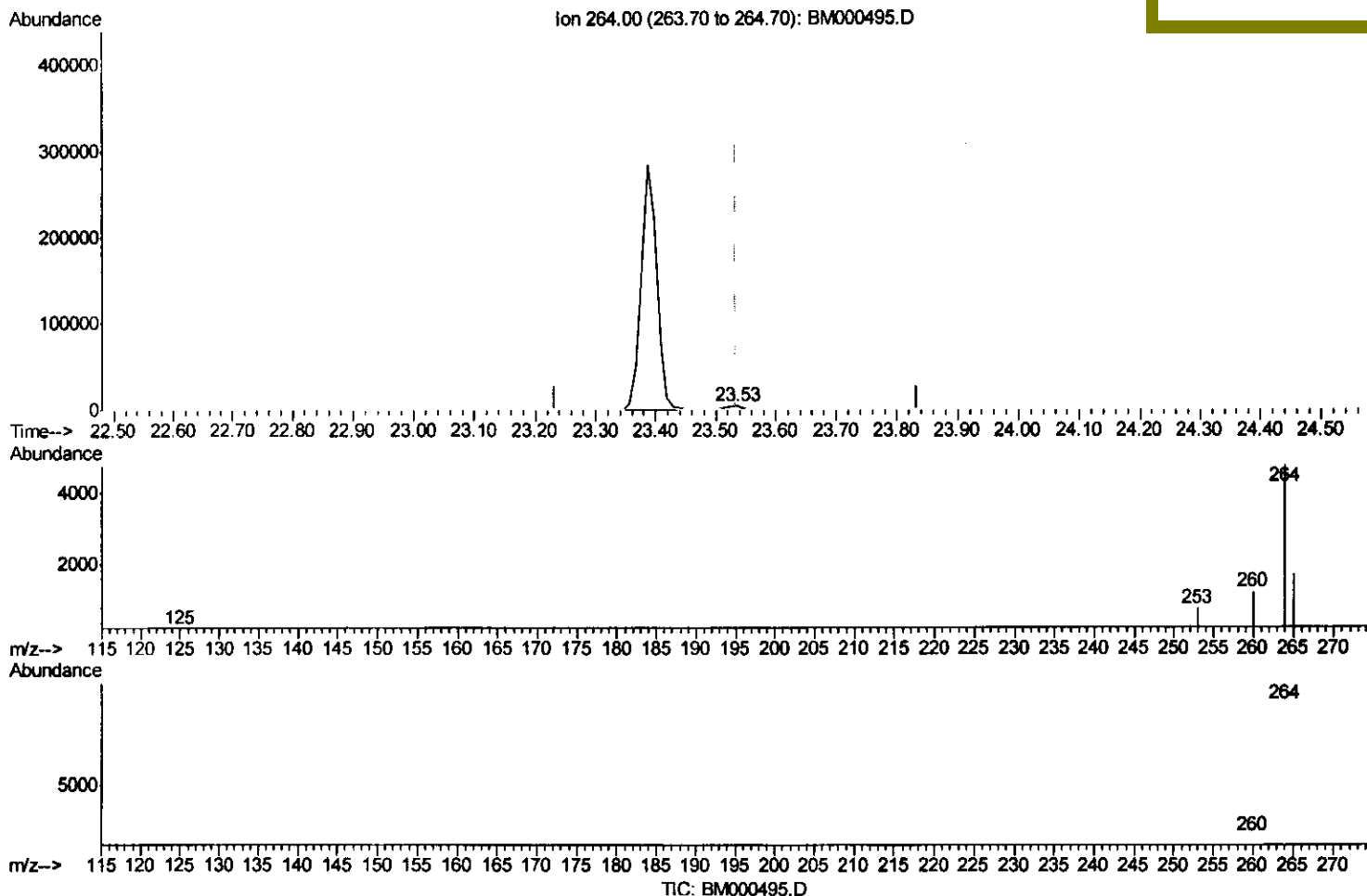
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM

Quant Time: Feb 12 03:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.533min (-0.000) 0.40ng/ul m

response 10350

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	25.37
265.00	30.20	35.53
0.00	0.00	0.00

T.P.
 2/17/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	13306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17876m	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	11704	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	10350m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	6787	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	15354m	0.39	ng/ul	0.01
Target Compounds						
						Qvalue
3) Naphthalene	10.55	128	2391	0.07	ng/ul#	92
5) 2-Methylnaphthalene	12.17	142	142	0.01	ng/ul	92
8) Acenaphthene	14.41	153	351	0.01	ng/ul#	86
9) Fluorene	15.42	166	443m	0.01	ng/ul	
12) Phenanthrene	17.15	178	1554m	0.03	ng/ul	
15) Fluoranthene	19.18	202	2887	0.05	ng/ul	83

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