

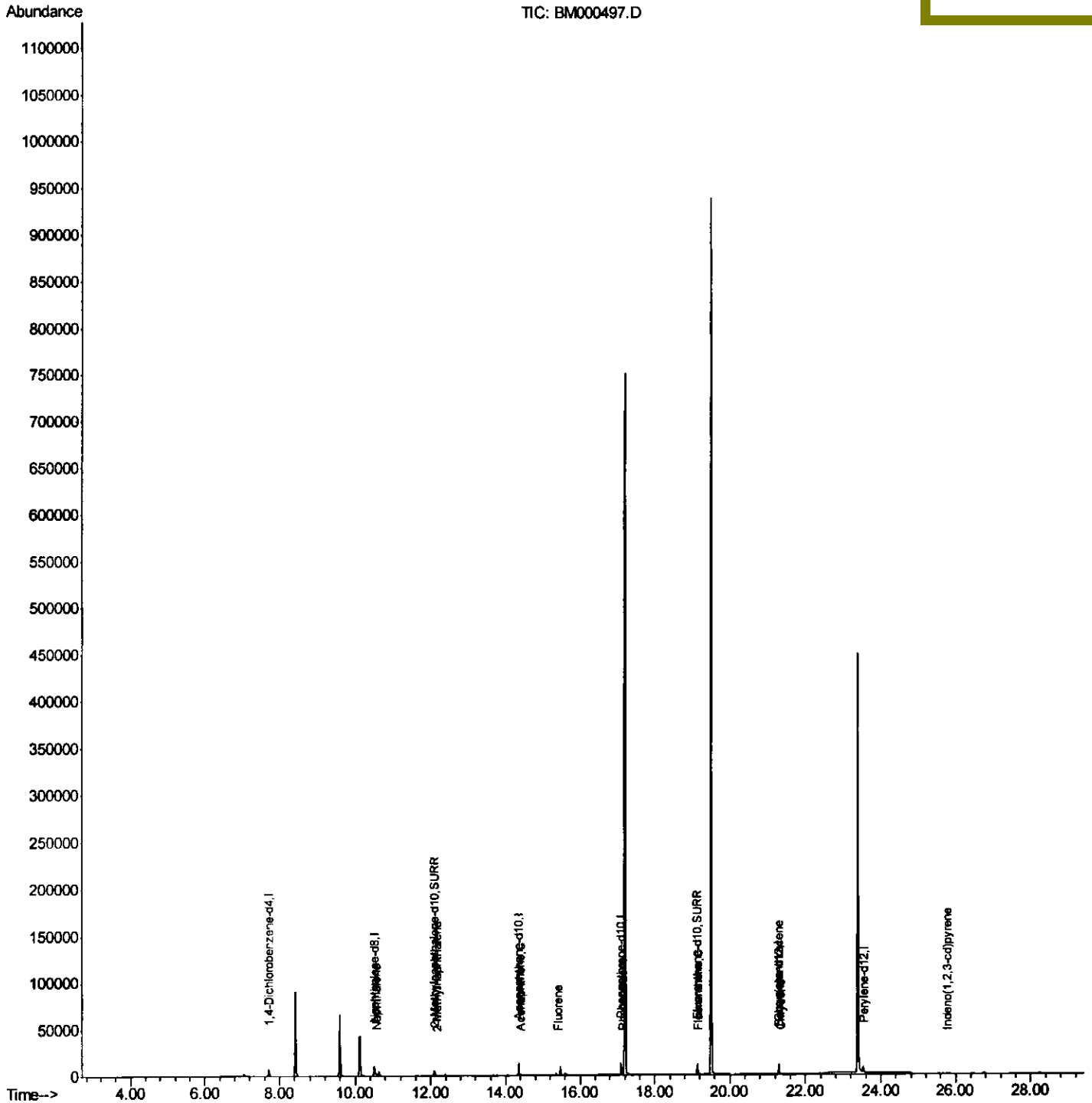
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000497.D
Acq On : 12 Feb 2015 03:29
Operator : TP/IZ
Sample : G1249-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FN1

Quant Time: Feb 12 07:45:12 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

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2/12/2015 4:11:02 PM



Quantitation Report (Qedit)

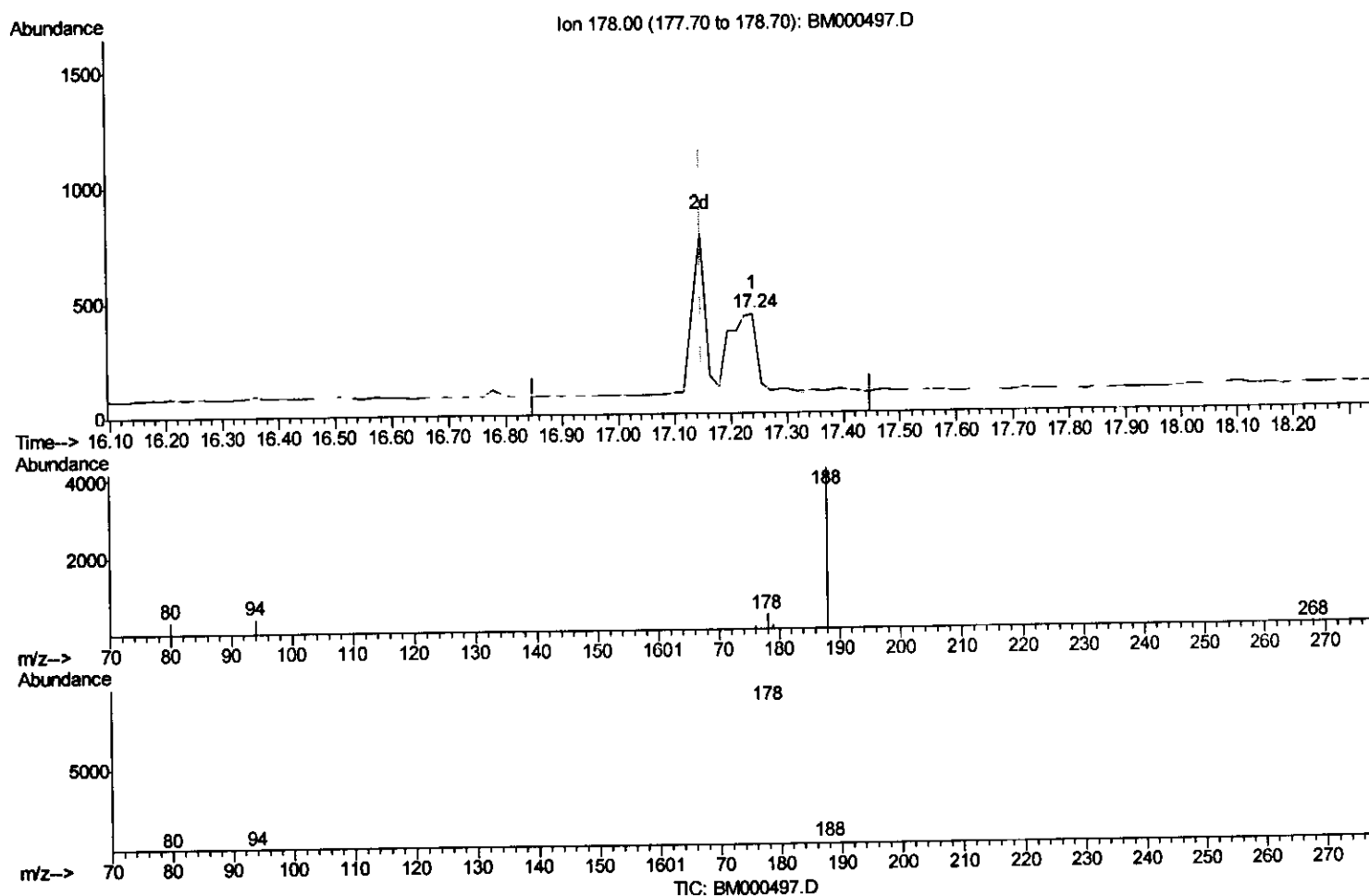
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
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 Sample : G1249-18
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Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Feb 12 07:42:39 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



(12) Phenanthrene

17.241min (+0.092) 0.03ng/ul

response 1233

Ion	Exp%	Act%
178.00	100	100
176.00	18.70	33.87#
179.00	16.20	38.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

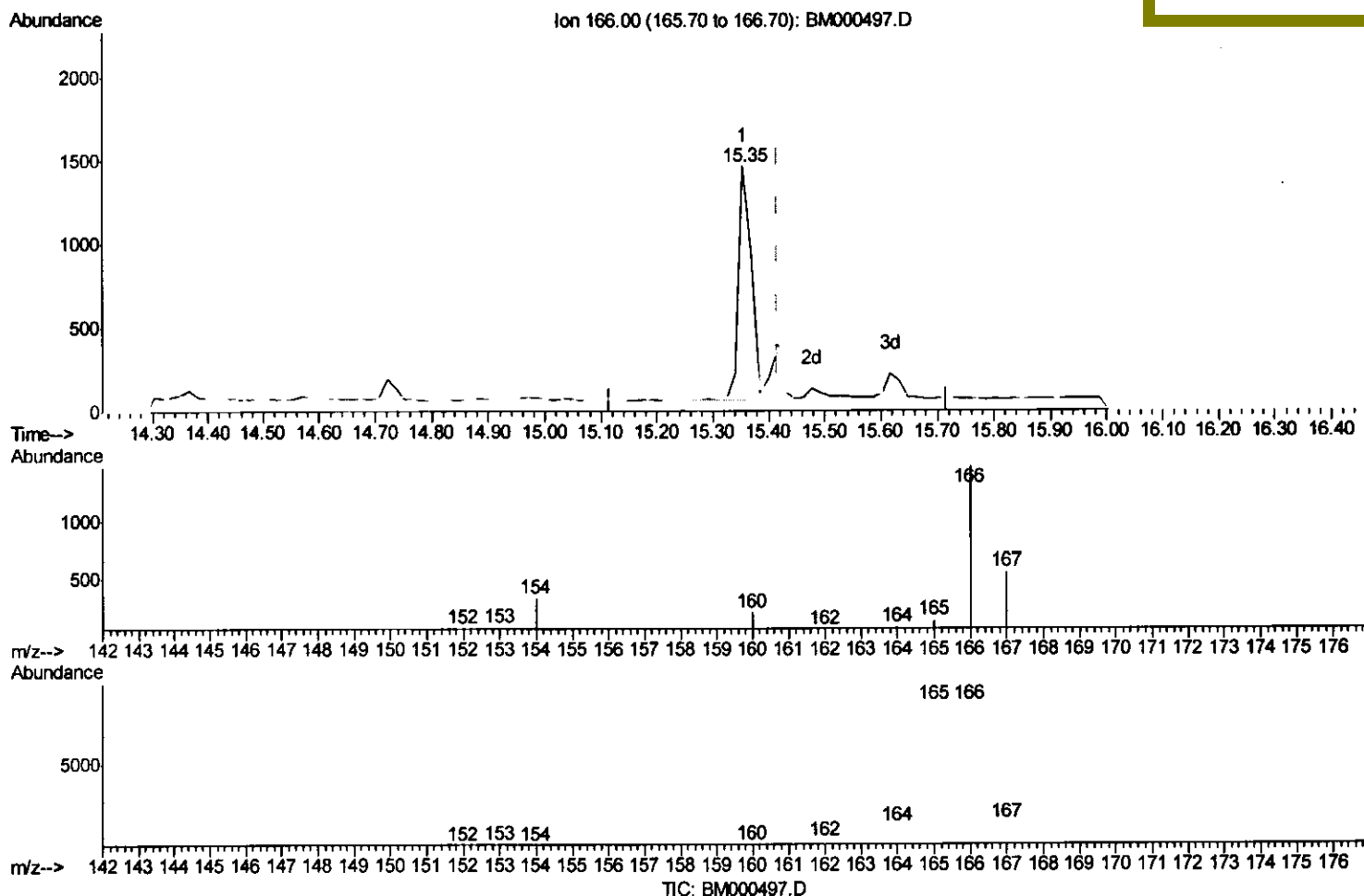
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Quant Time: Feb 12 07:34:18 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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Manual Integrations
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(9) Fluorene

15.354min (-0.062) 0.08ng/ul

response 2445

Ion	Exp%	Act%
166.00	100	100
165.00	93.00	9.49#
167.00	14.10	37.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

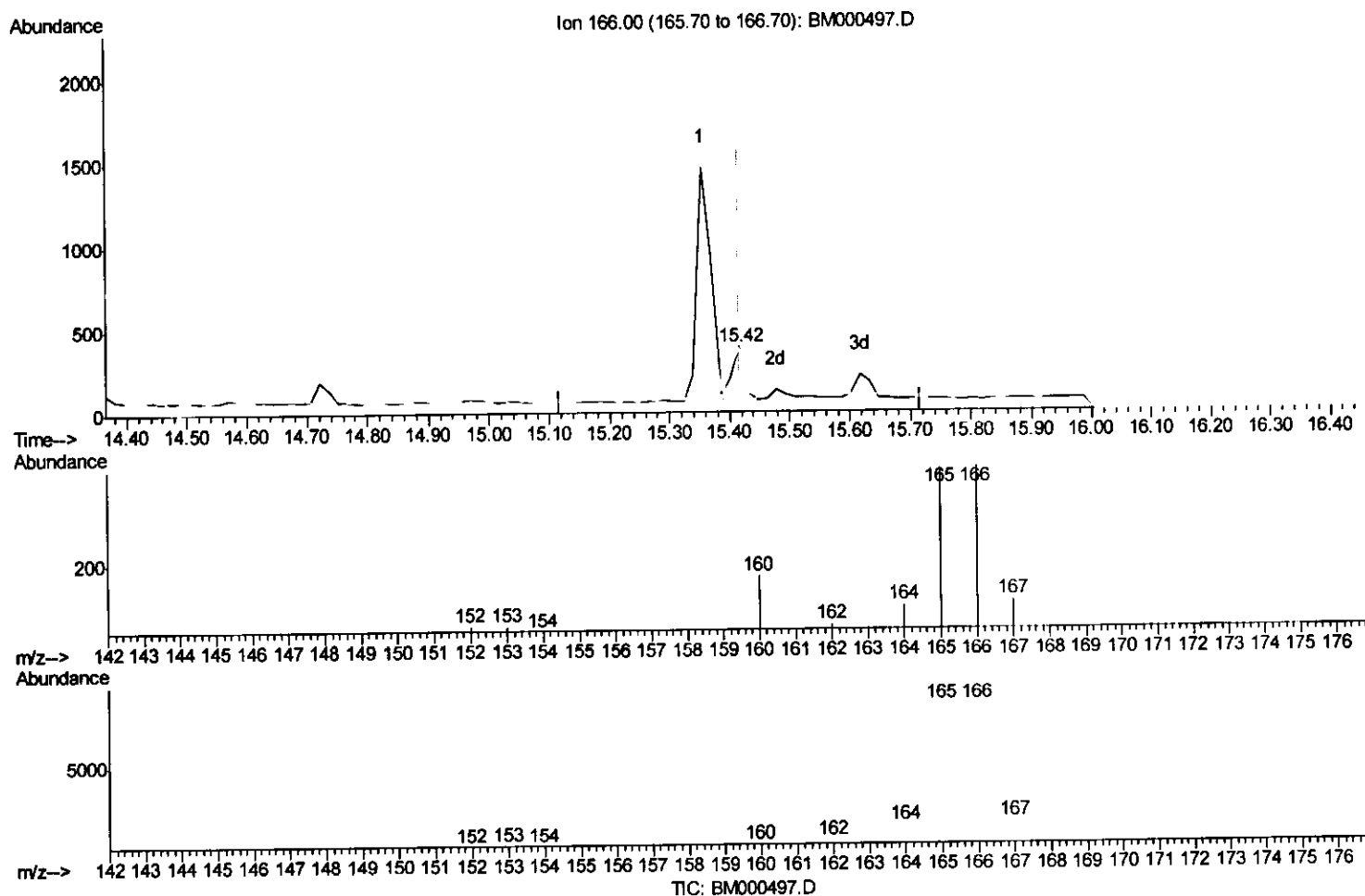
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Manual Integrations
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Quant Time: Feb 12 07:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
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 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration



(9) Fluorene

15.416min (-0.000) 0.01ng/ul m

response 468

Ion	Exp%	Act%
166.00	100	100
165.00	93.00	98.72
167.00	14.10	30.69#
0.00	0.00	0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

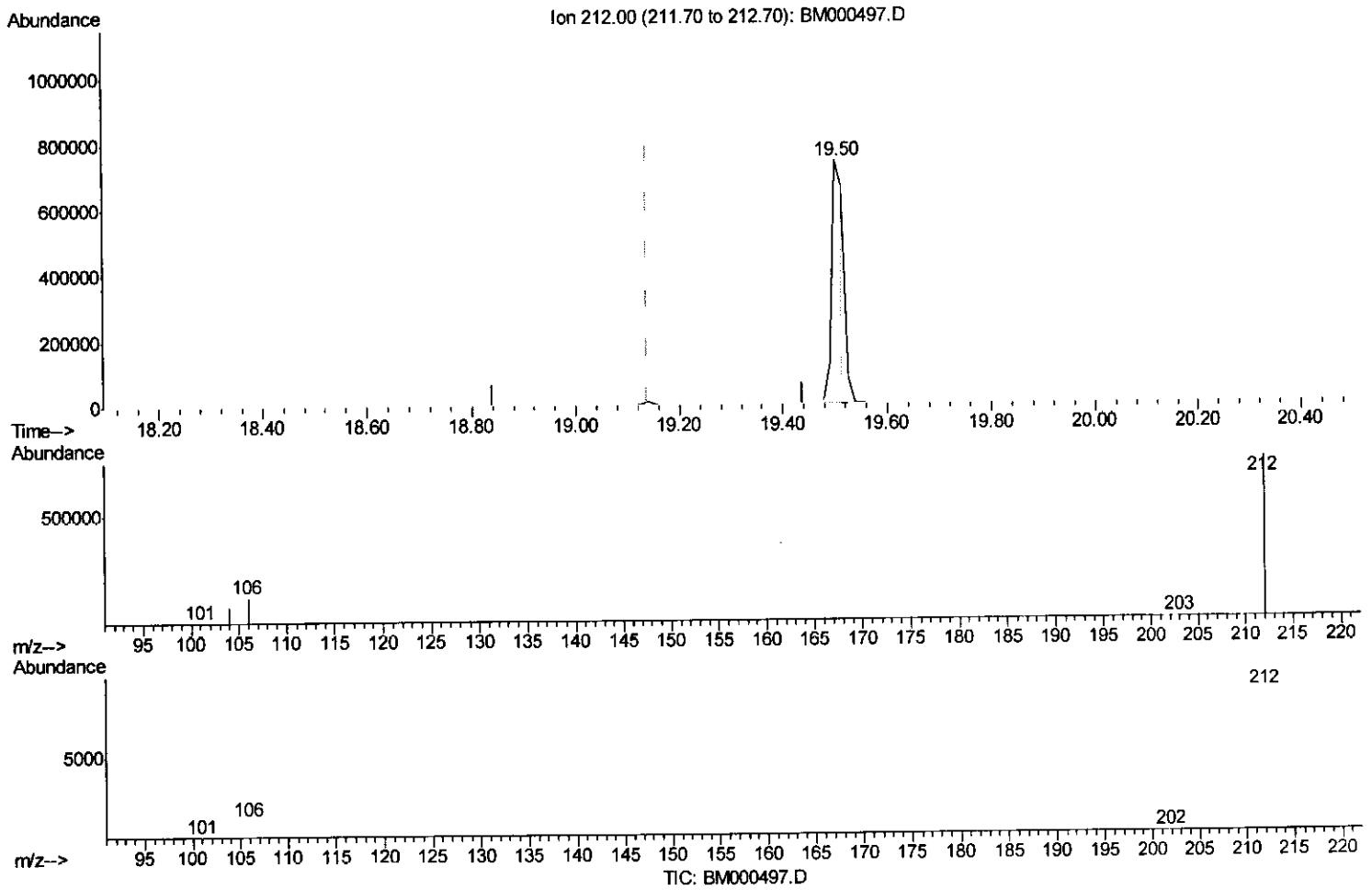
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Quant Time: Feb 12 07:42:39 2015
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 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.502min (+0.363) 28.75ng/ul

response 1109108

Ion	Exp%	Act%
212.00	100	100
106.00	11.50	14.15#
104.00	6.80	9.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

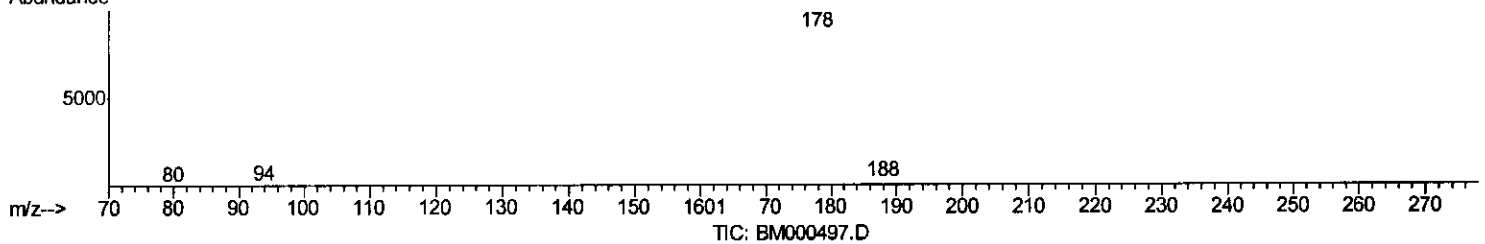
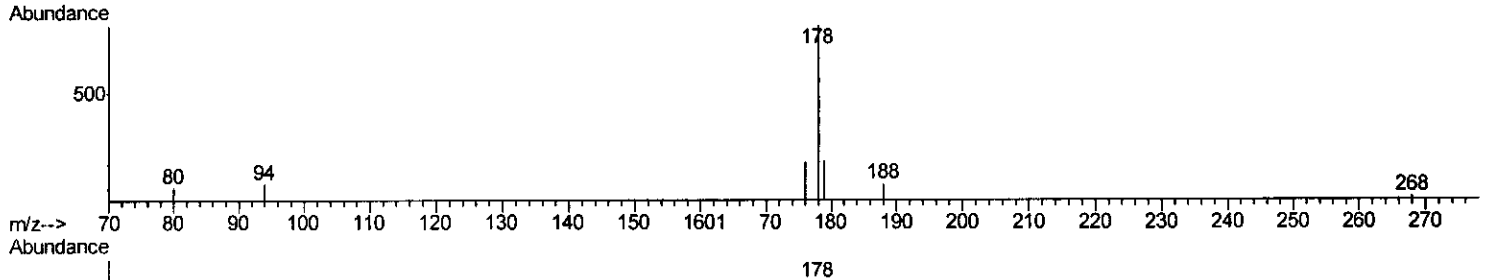
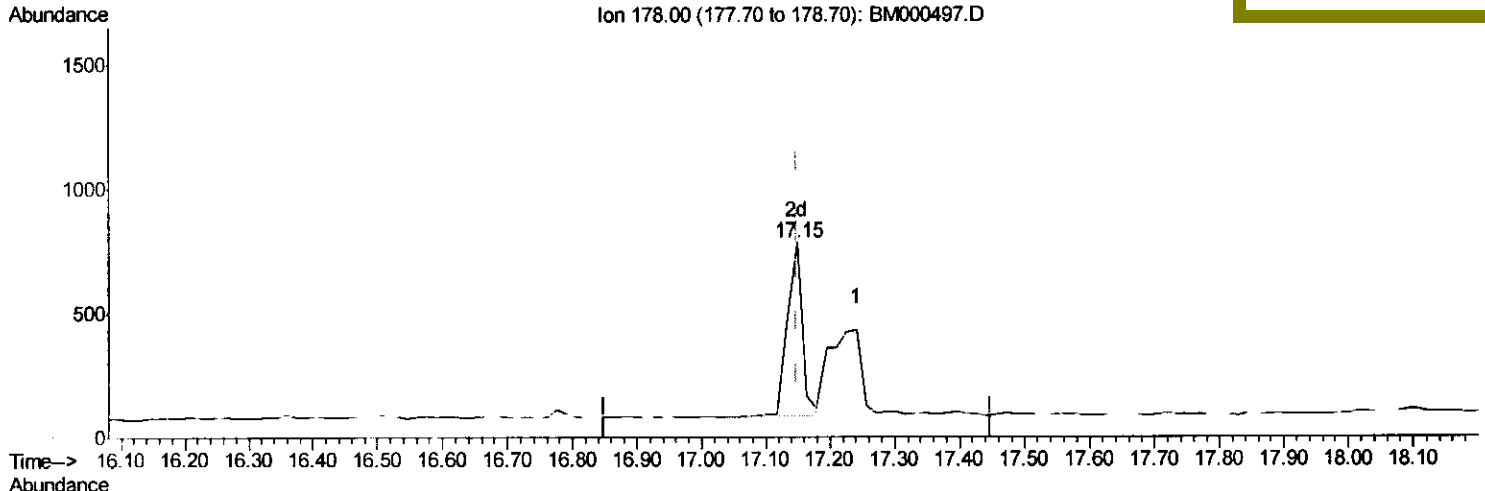
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Quant Time: Feb 12 07:42:39 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

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(12) Phenanthrene

17.148min (-0.000) 0.02ng/ul m

response 1105

Ion Exp% Act%

178.00	100	100
176.00	18.70	26.60#
179.00	16.20	27.24#
0.00	0.00	0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

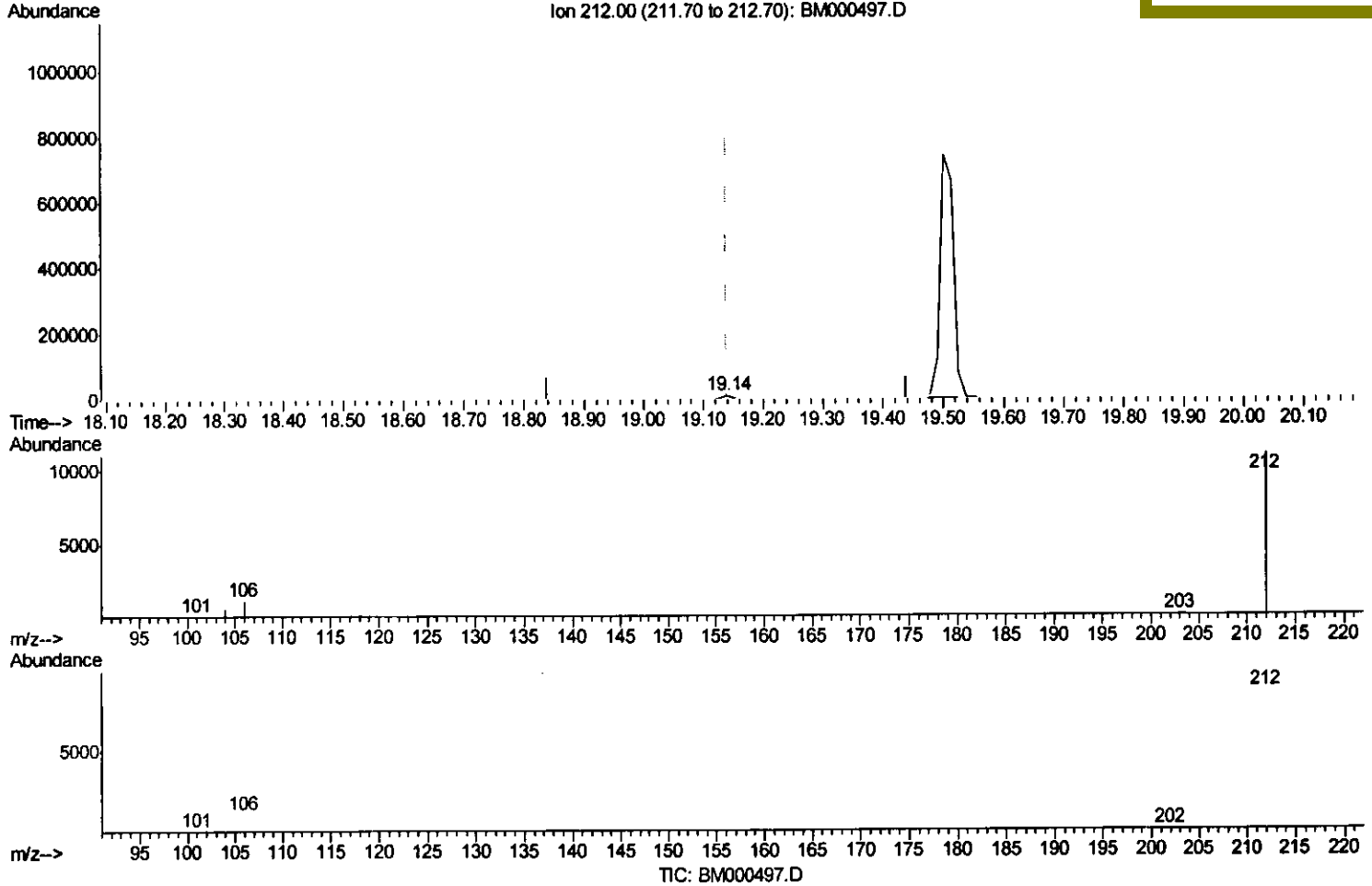
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Quant Time: Feb 12 07:42:39 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

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(14) Fluoranthene-d10 (SURR)

19.139min (-0.000) 0.39ng/ul m

response 15037

Ion Exp% Act%

212.00 100 100

106.00 11.50 1044.01#

104.00 6.80 688.14#

0.00 0.00 0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

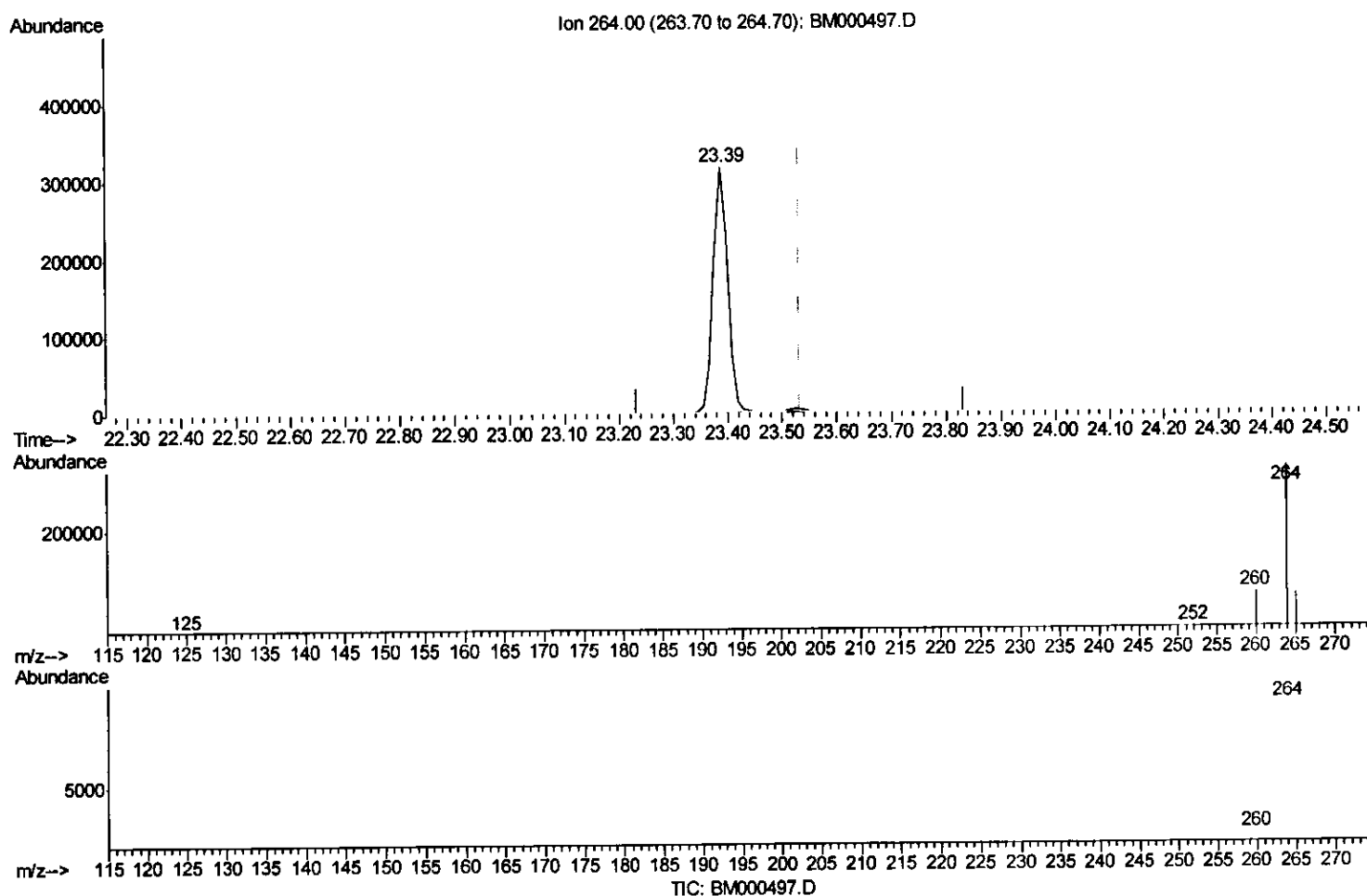
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Manual Integrations
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Quant Time: Feb 12 07:42:39 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)

23.387min (-0.146) 0.40ng/ul

response 570576

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	21.50
265.00	30.20	20.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

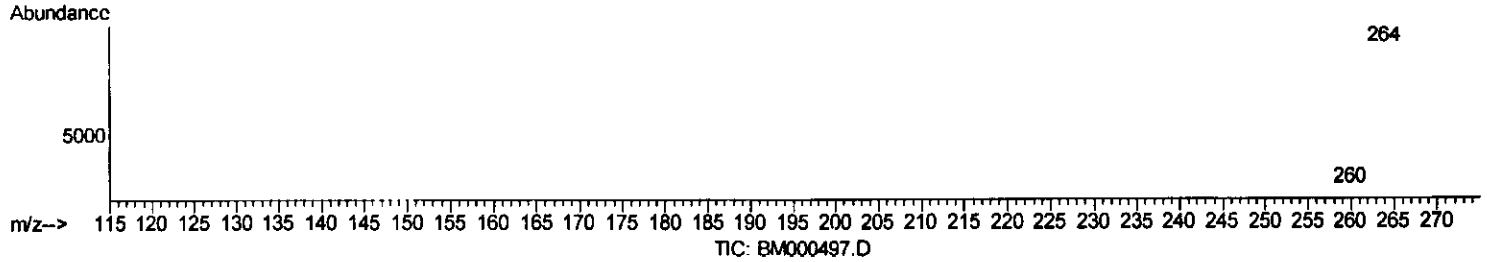
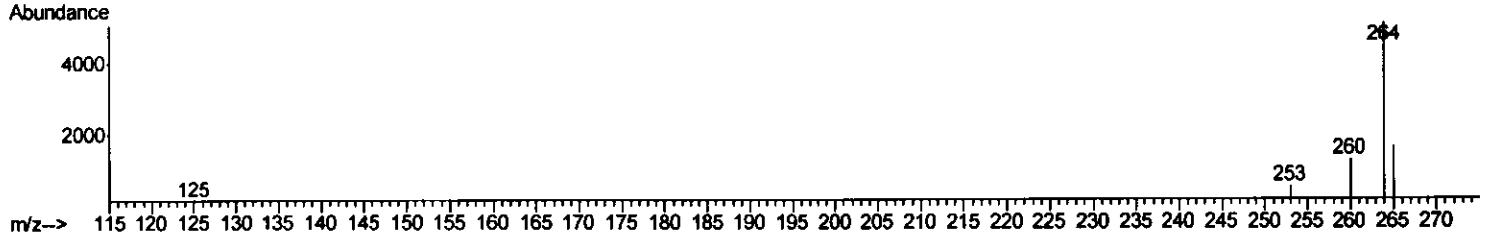
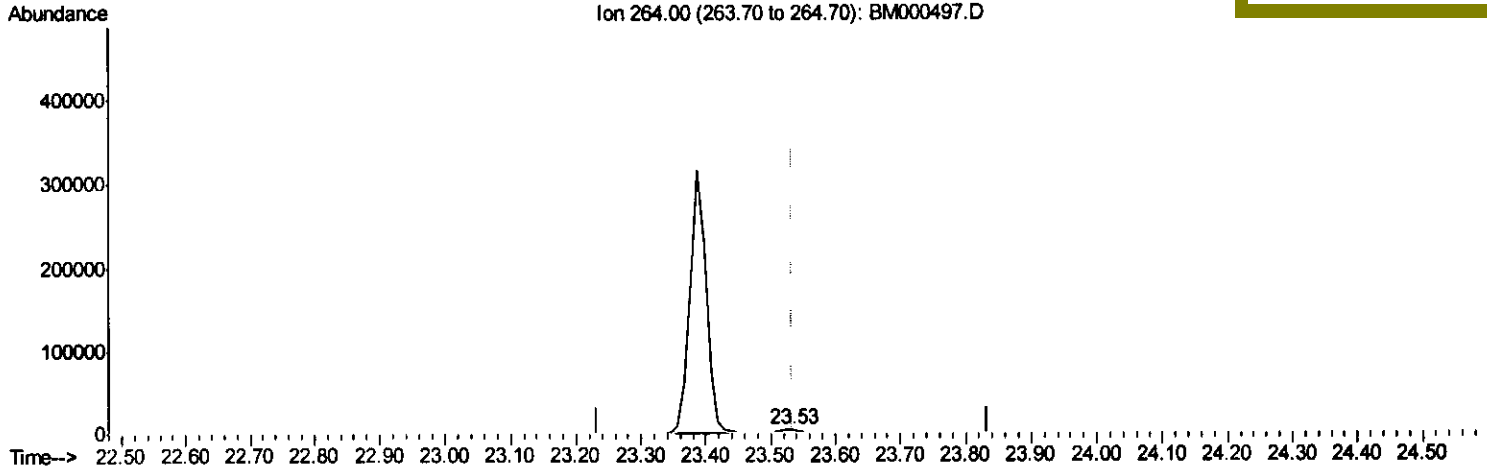
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Quant Time: Feb 12 07:42:39 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
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(20) Perylene-d12 (I)

23.533min (-0.000) 0.40ng/ul m

response 11994

T.P.
 2/17/15

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	24.87
265.00	30.20	32.25
0.00	0.00	0.00

Quantitation Report (Qedit)

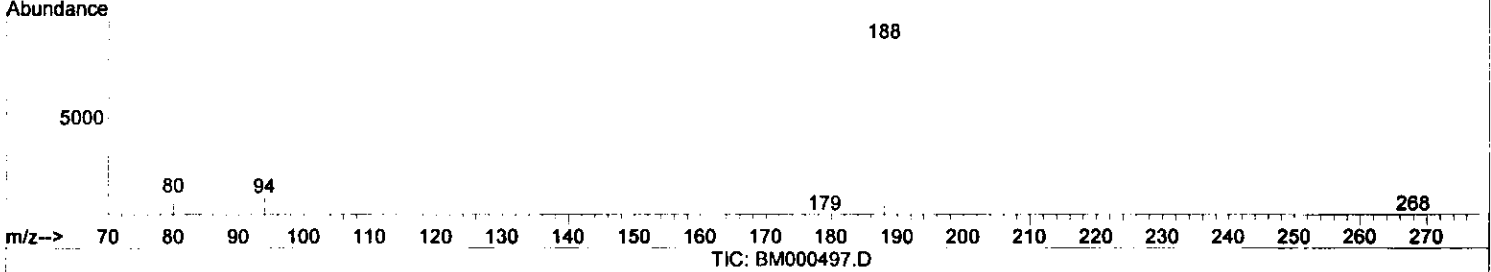
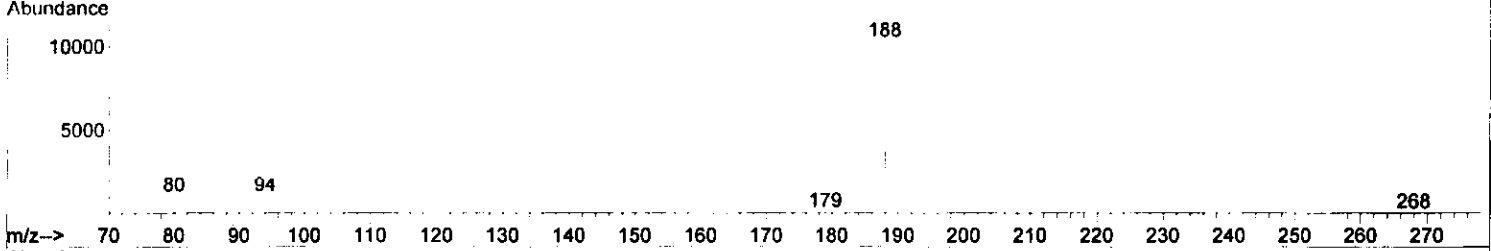
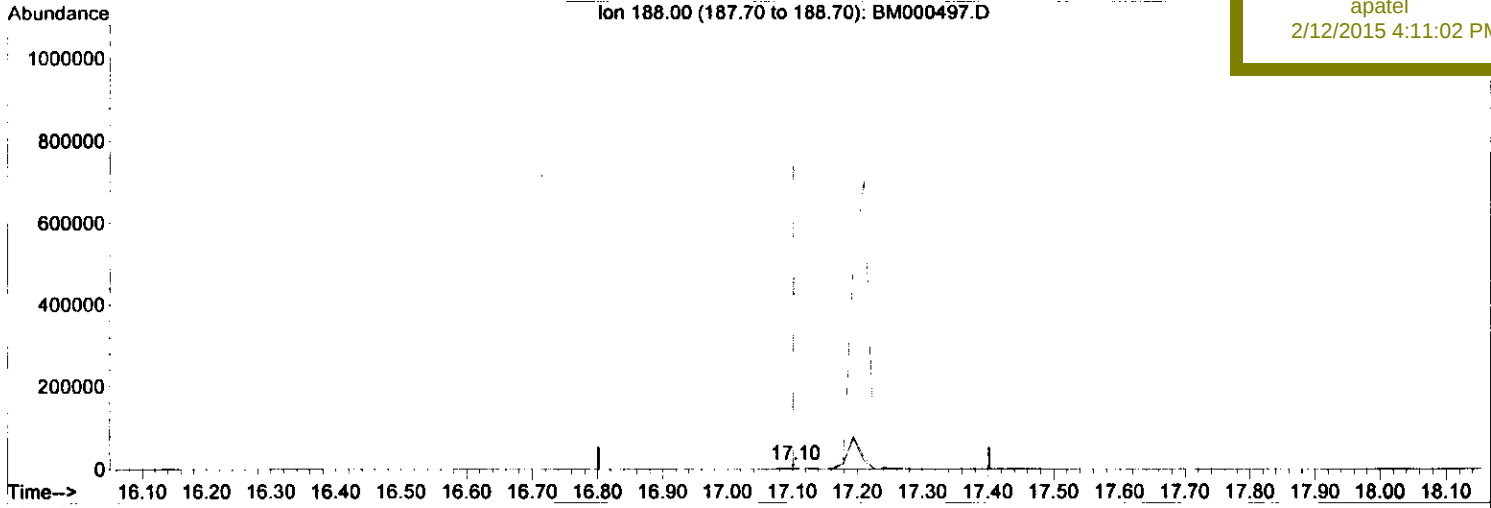
Data Path : Z:\HPCHEM1\BNA M\Data\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 12 08:08:25 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 : Thu Feb 12 07:39:05 2015
 Response via : Initial Calibration

Instrument :
 BNA M
 ClientSampleId :
 A4FN1

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:11:02 PM



(10) Phenanthrene-d10 (I)

17.101min (-0.000) 0.40ng/ul m

response 17346

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	9.16
80.00	10.40	9.16
0.00	0.00	0.00

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 2/17/2015

Quantitation Report (Qedit)

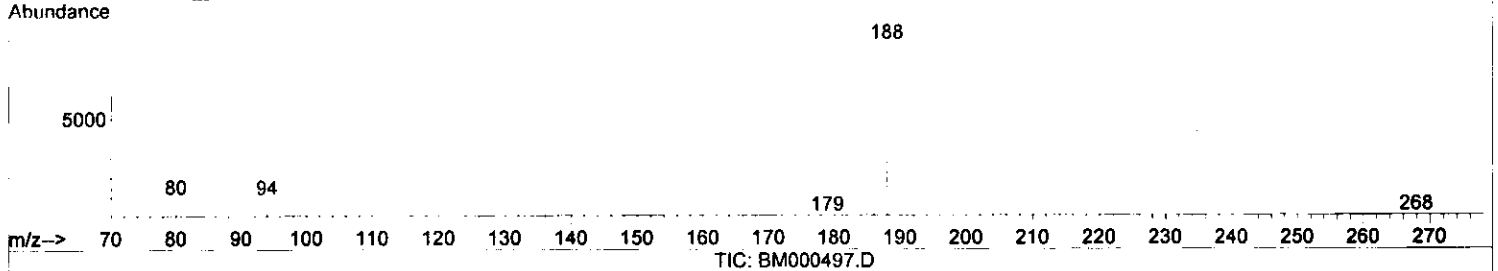
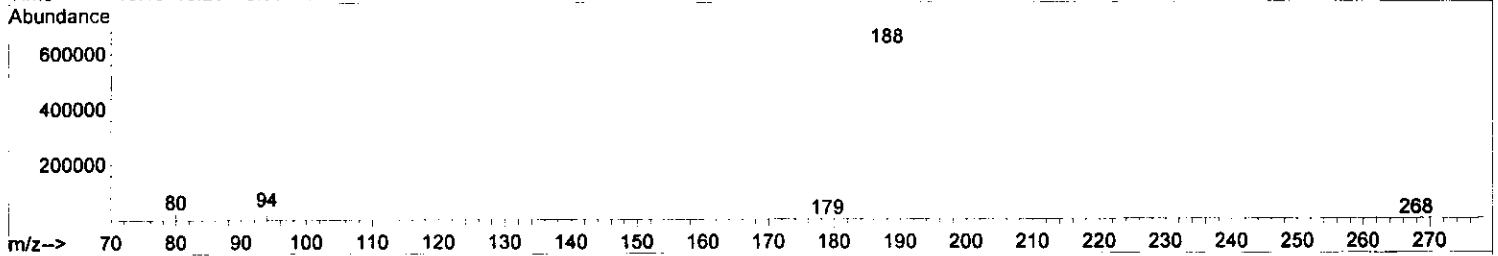
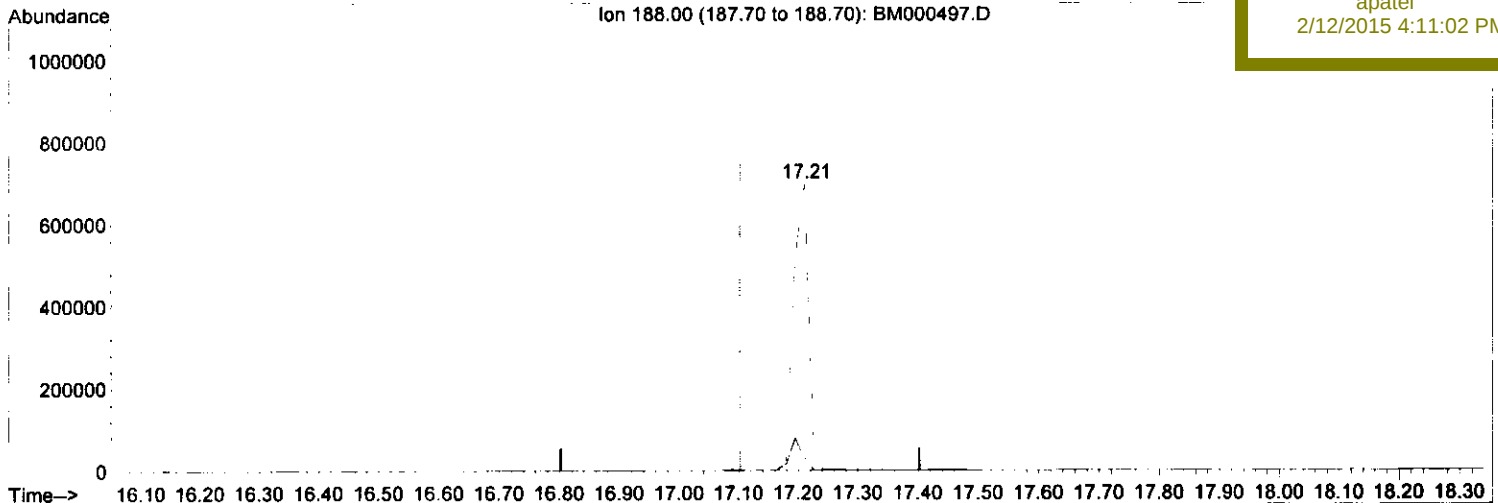
Data Path : Z:\HPCHEM1\BNA M\Data\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 27 12:39:32 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

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Manual Integrations
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apatel
 2/12/2015 4:11:02 PM



(10) Phenanthrene-d10 (I)

17.210min (+0.108) 0.40ng/ul

response 1207678

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	4.44#
80.00	10.40	3.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Manual Integrations
 APPROVED

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Quant Time: Feb 12 07:45:12 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	13359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17413m	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	12156	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	11994m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	7112	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	15037m	0.39	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.55	128	3094	0.09	ng/ul#	94
5) 2-Methylnaphthalene	12.17	142	611	0.03	ng/ul	96
8) Acenaphthene	14.41	153	581	0.02	ng/ul	98
9) Fluorene	15.42	166	468m	0.01	ng/ul	
12) Phenanthrene	17.15	178	1105m	0.02	ng/ul	
15) Fluoranthene	19.16	202	924	0.02	ng/ul	67
18) Benzo(a)anthracene	21.28	228	1333	0.04	ng/ul#	81
19) Chrysene	21.33	228	1326	0.03	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.77	276	742	0.02	ng/ul	93

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

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 2/17/15