

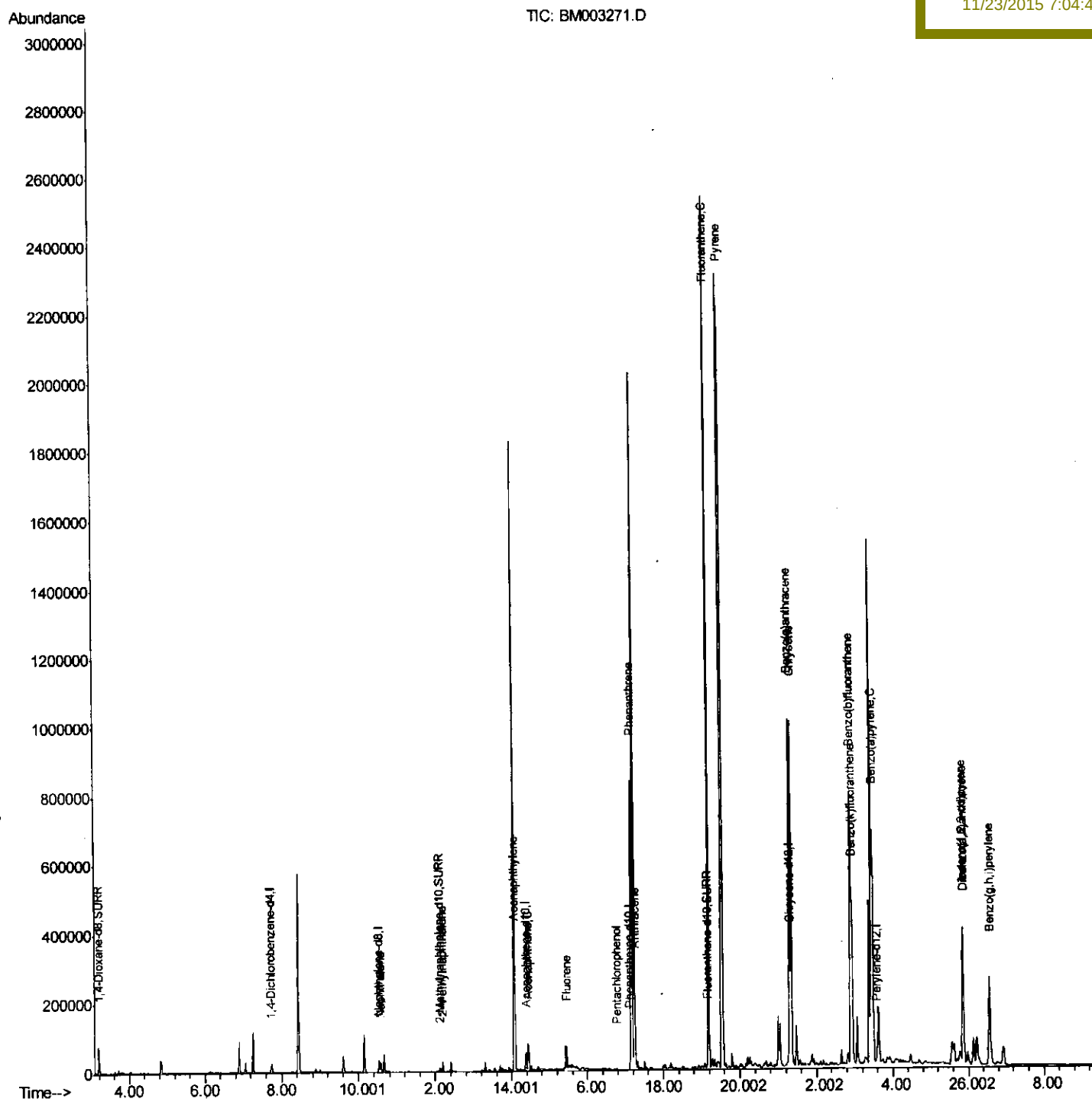
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003271.D
Acq On : 22 Nov 2015 04:51
Operator : UM/IZ
Sample : G4345-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J57

Quant Time: Nov 22 05:36:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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Quantitation Report (Qedit)

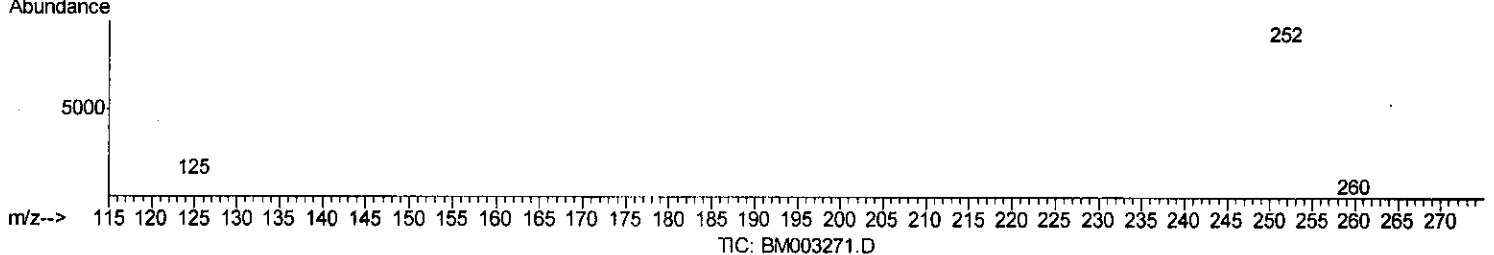
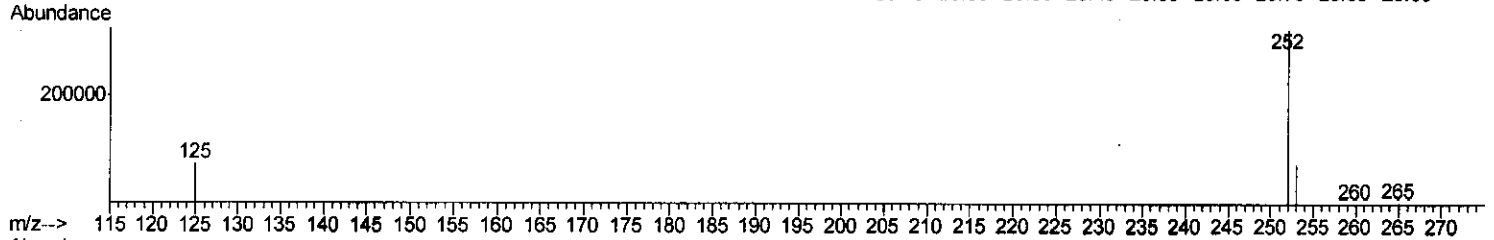
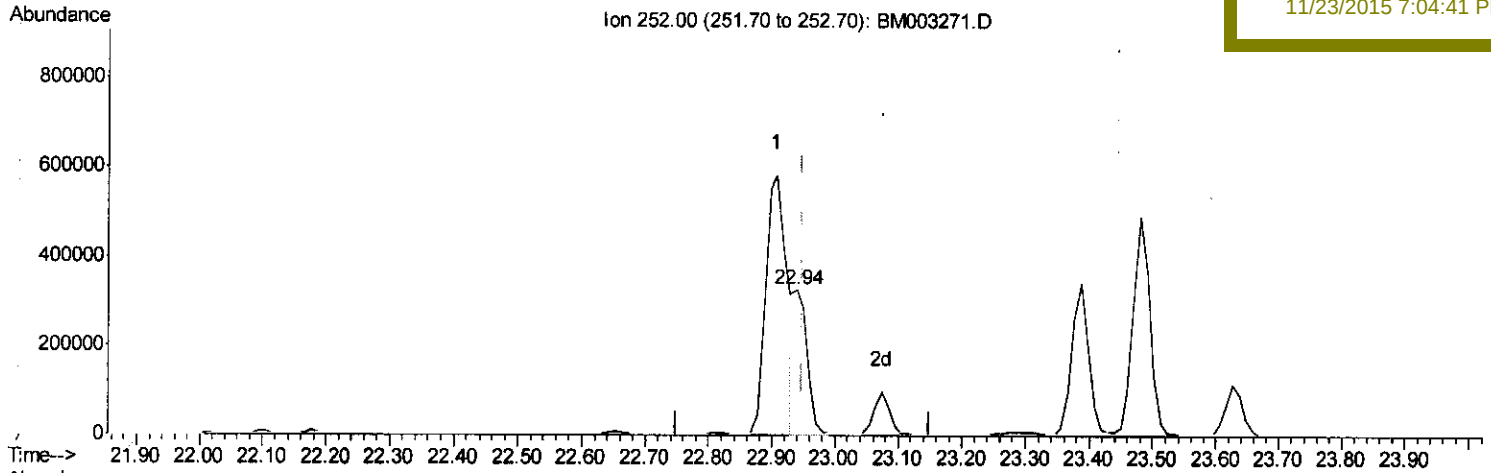
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
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 Acq On : 22 Nov 2015 04:51
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 Sample : G4345-15
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Instrument :
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 ClientSampleId :
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Quant Time: Nov 22 05:35:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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(24) Benzo(k)fluoranthene

22.939min (-0.010) 2.02ng/ul m

response 482160

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.05
125.00	13.00	22.52#
0.00	0.00	0.00

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 11/25/15

Quantitation Report (Qedit)

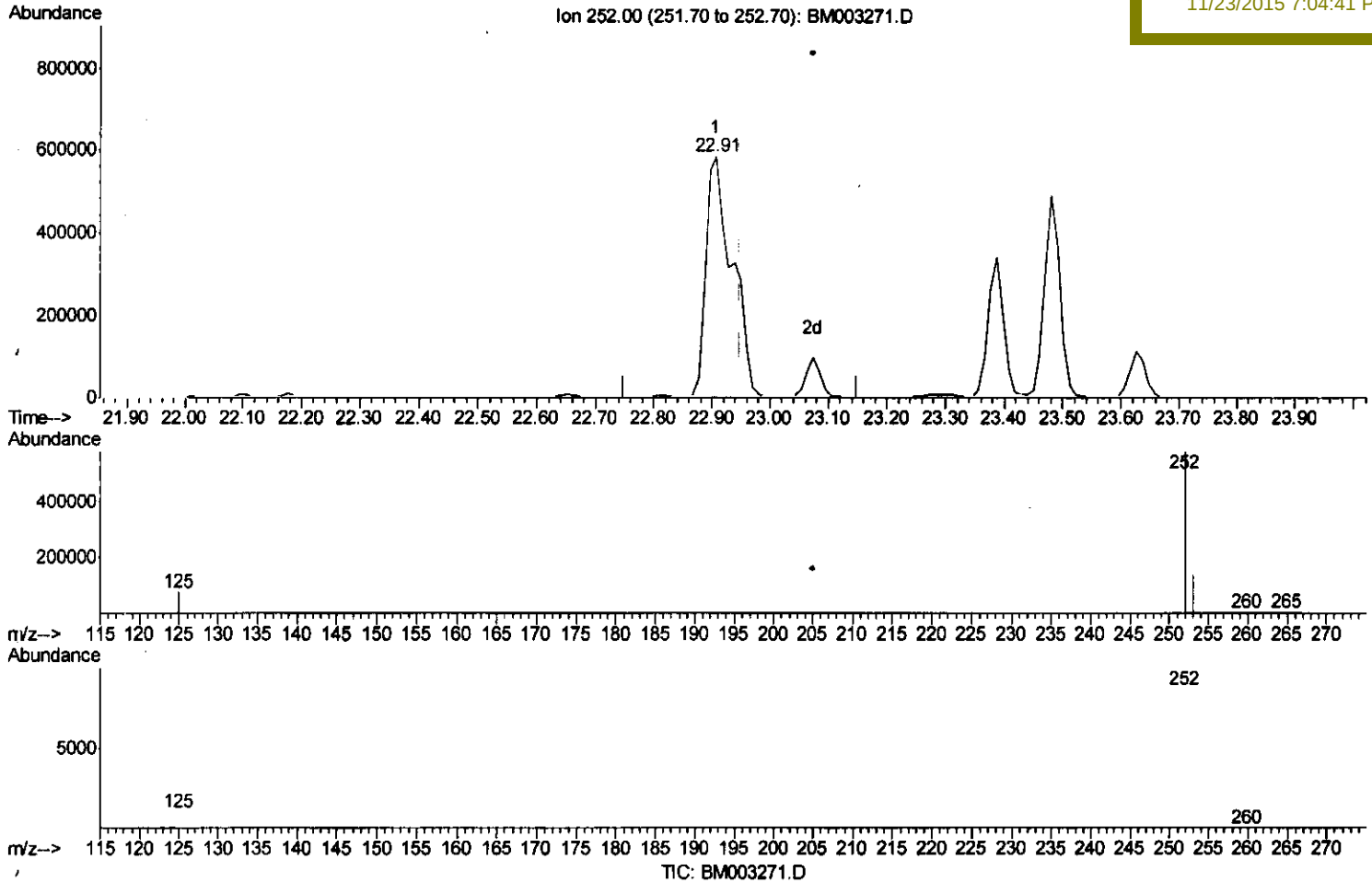
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
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 Sample : G4345-15
 Misc :
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Instrument :
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 ClientSampleId :
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Manual Integrations
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(24) Benzo(k)fluoranthene

22.907min (-0.042) 7.67ng/ul

response 1830243

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.41
125.00	13.00	12.83
0.00	0.00	0.00

Quantitation Report (Qedit)

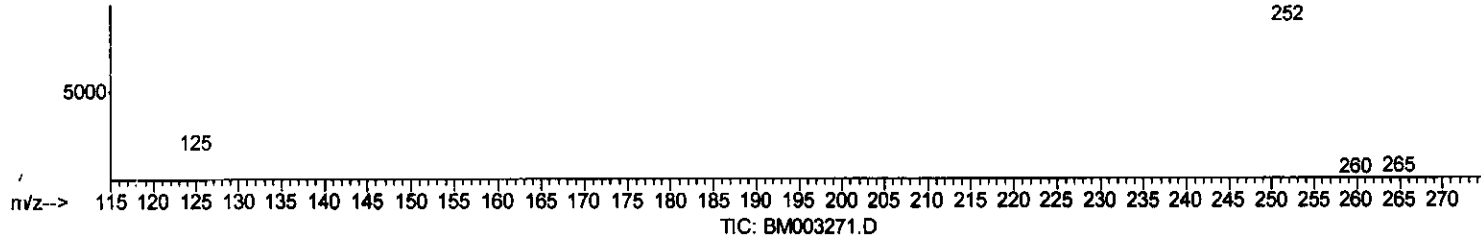
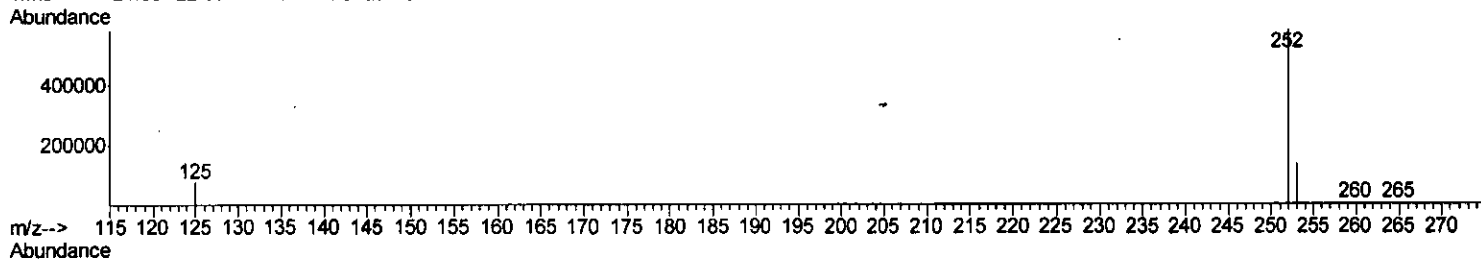
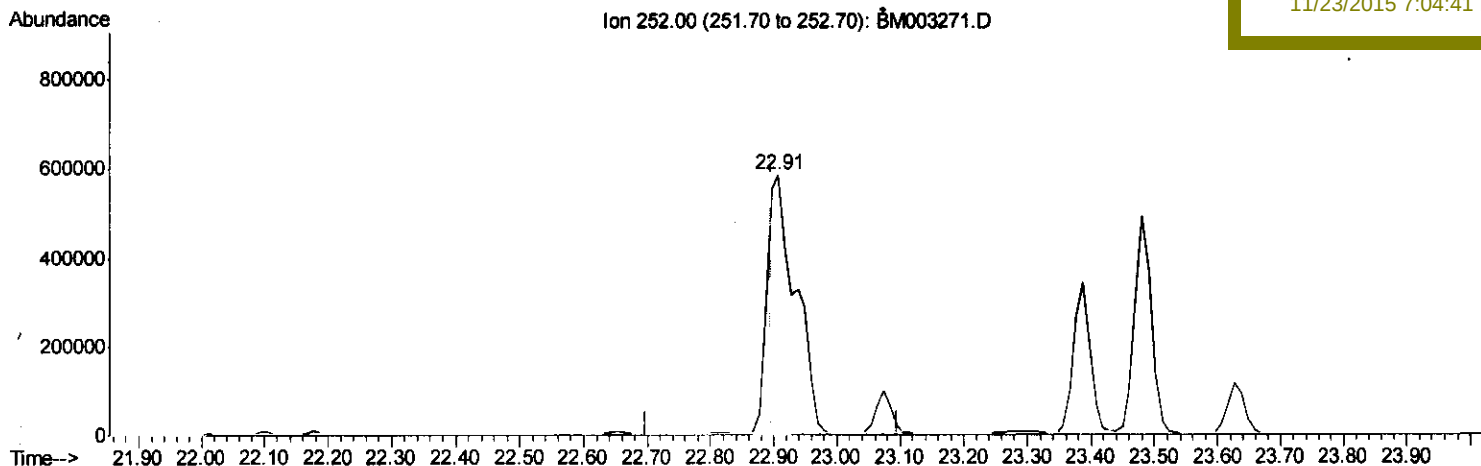
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J57

Quant Time: Nov 22 05:35:25 2015
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Manual Integrations
 APPROVED

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(23) Benzo(b)fluoranthene

22.907min (+0.010) 5.39ng/ul m

response 1360050

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.41
125.00	14.40	12.83
0.00	0.00	0.00

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 11/25/15

Quantitation Report (Qedit)

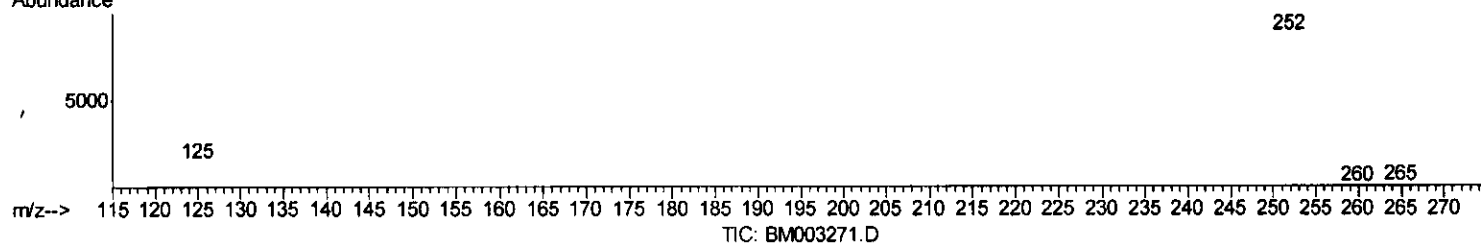
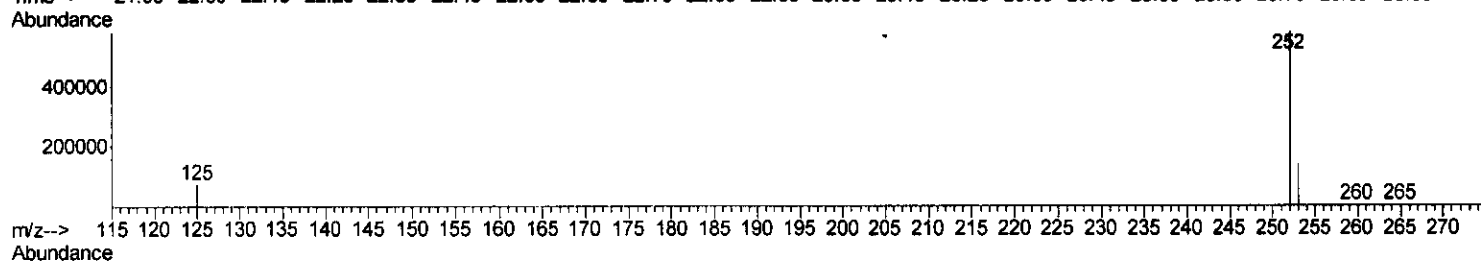
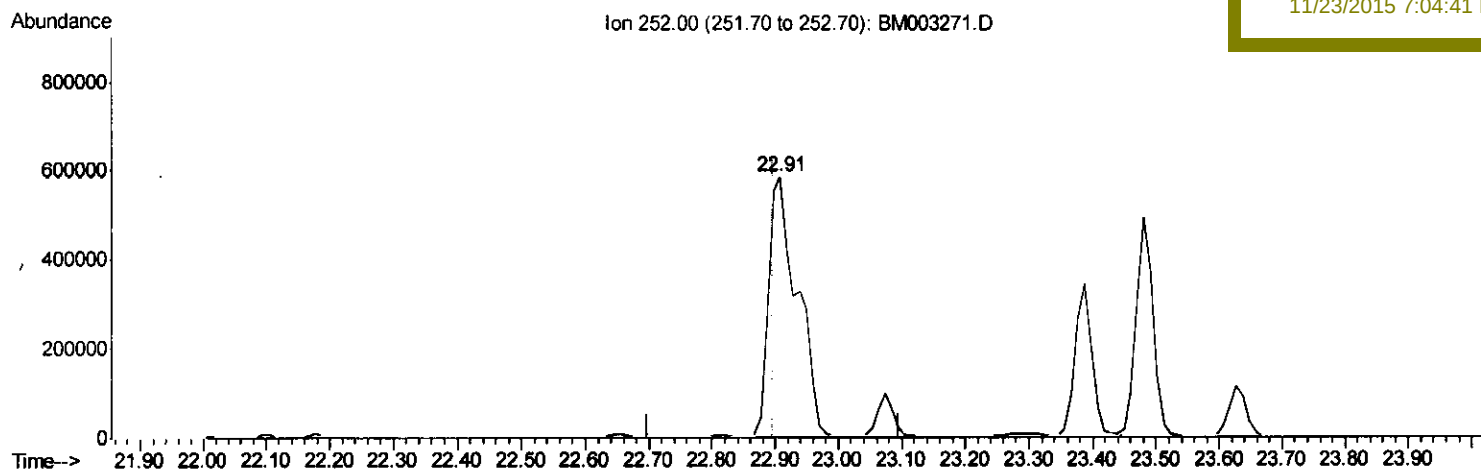
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003271.D
Acq On : 22 Nov 2015 04:51
Operator : UM/IZ
Sample : G4345-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 22 05:35:25 2015
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Instrument :
BNA_M
ClientSampleId :
A4J57

Manual Integrations
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(23) Benzo(b)fluoranthene

22.907min (+0.010) 7.25ng/ul

response 1830243

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.41
125.00	14.40	12.83
0.00	0.00	0.00

Quantitation Report (Qedit)

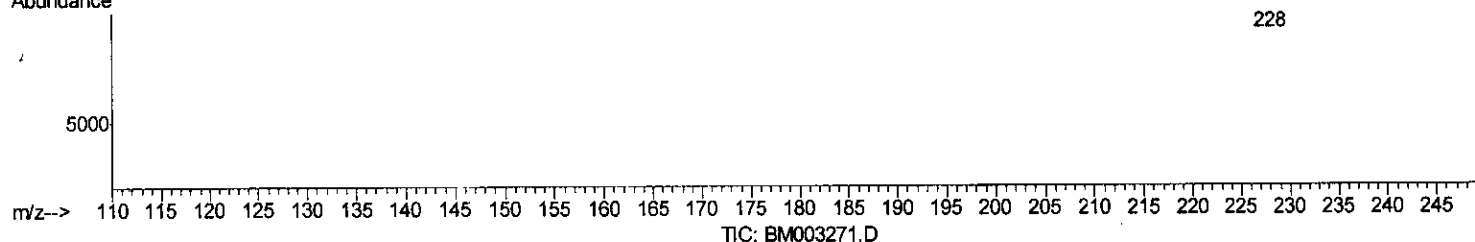
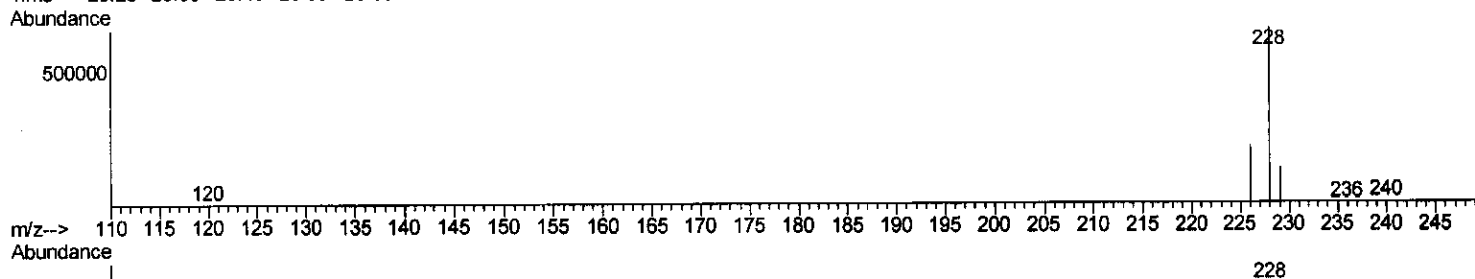
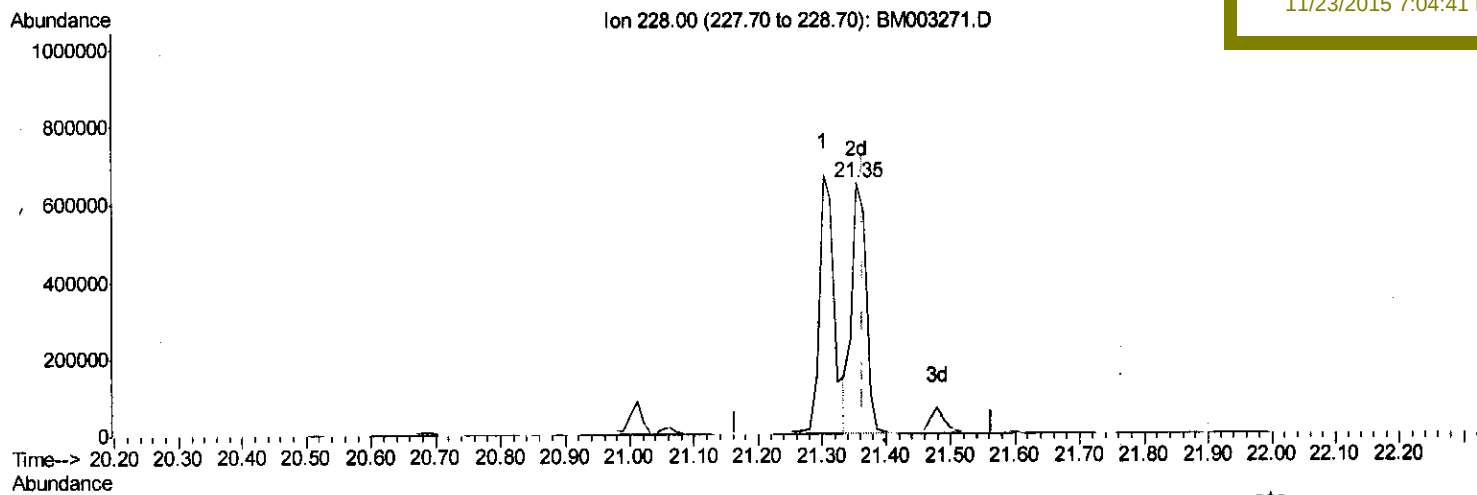
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Nov 22 05:35:25 2015
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Manual Integrations
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 11/23/2015 7:04:41 PM



(21) Chrysene

21.354min (-0.010) 4.88ng/ul m

response 1009192

Ion Exp% Act%

228.00 100 100

226.00 26.50 33.13#

229.00 21.30 20.17

0.00 0.00 0.00

Quantitation Report (Qedit)

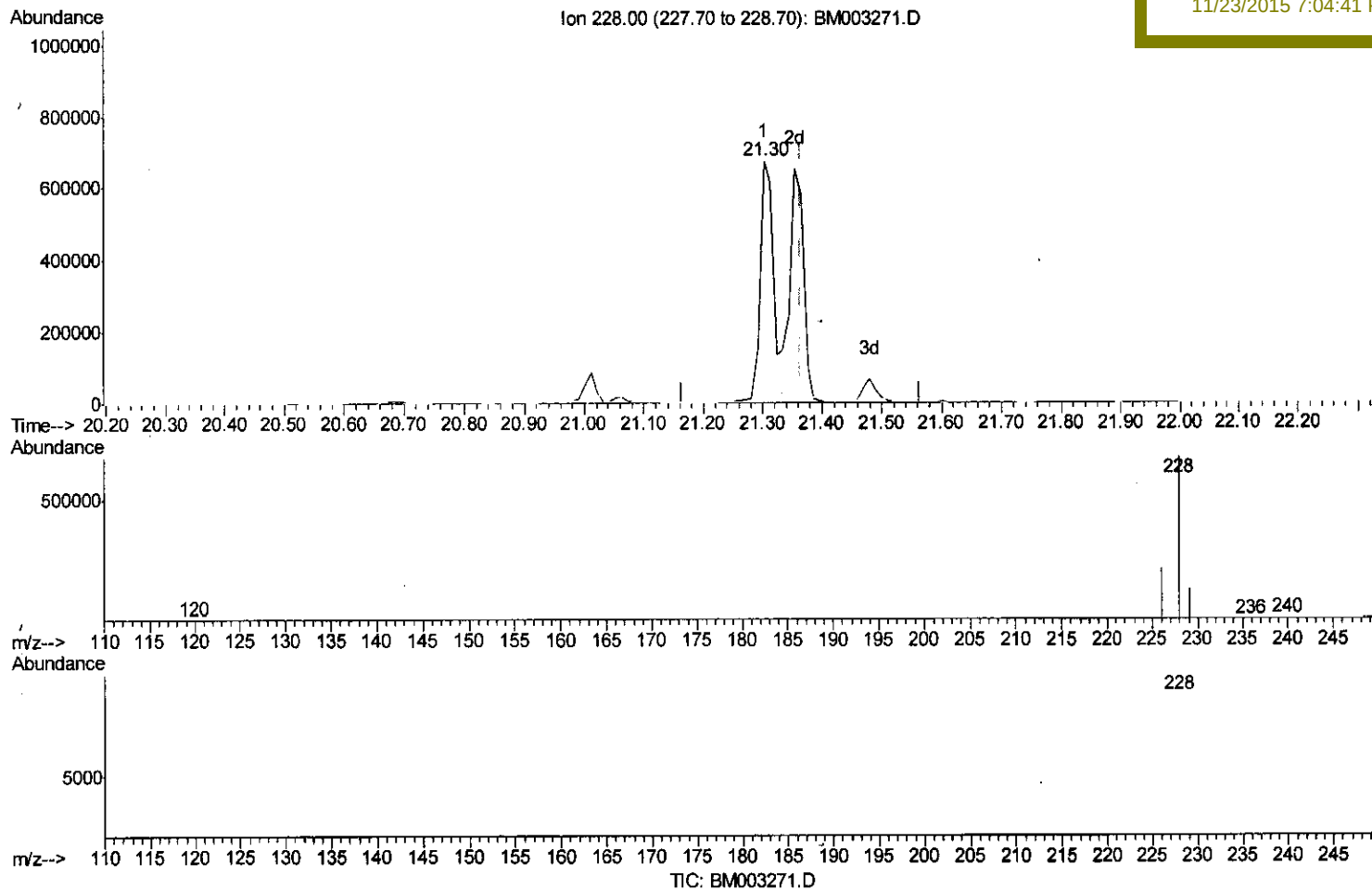
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Nov 22 05:35:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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(21) Chrysene

21.302min (-0.063) 5.27ng/ul

response 1091683

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.10
229.00	21.30	18.47
0.00	0.00	0.00

Quantitation Report (Qedit)

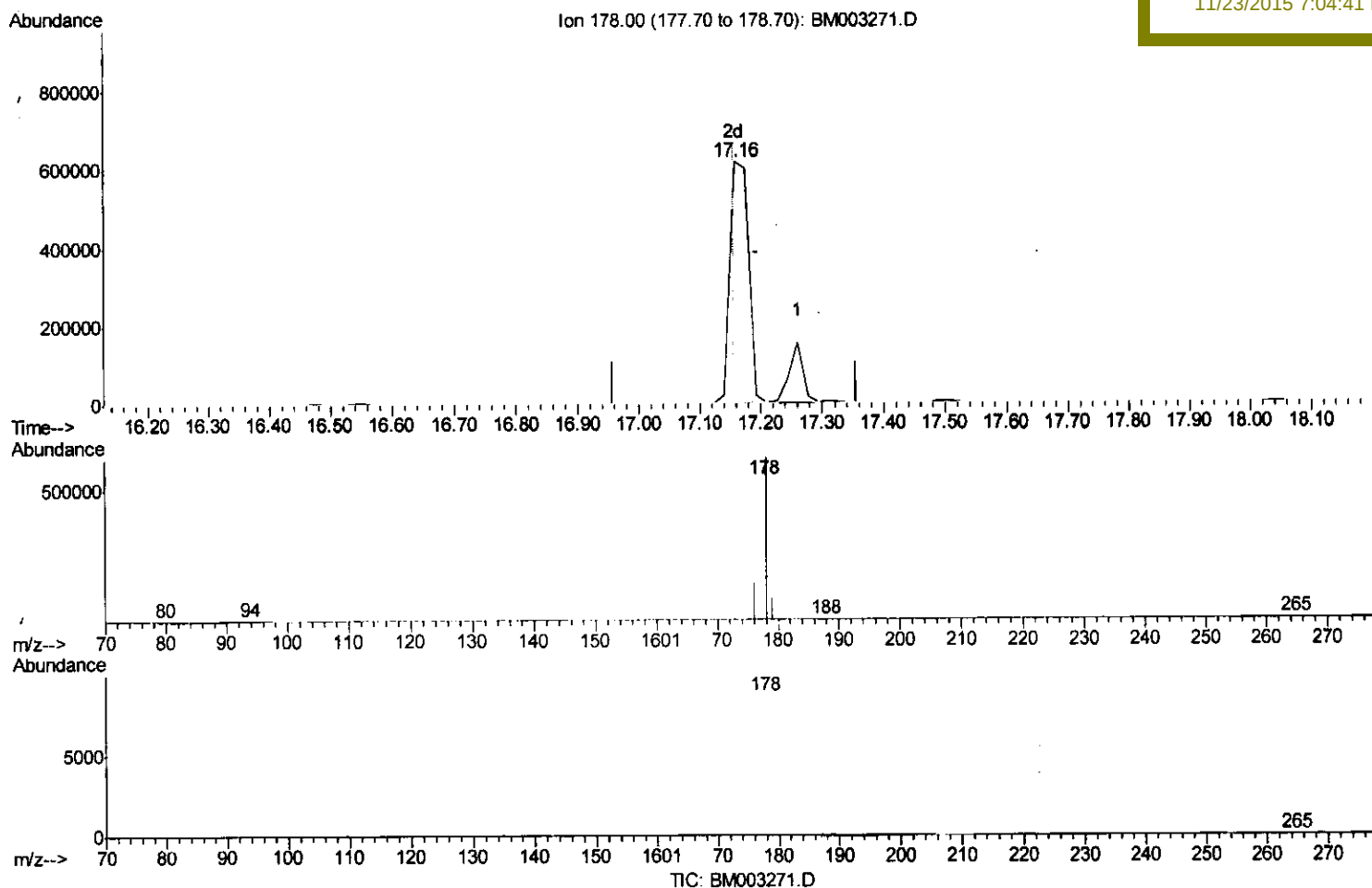
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003271.D
Acq On : 22 Nov 2015 04:51
Operator : UM/IZ
Sample : G4345-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 22 05:35:25 2015
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Instrument :
BNA_M
ClientSampleId :
A4J57

Manual Integrations
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(14) Phenanthrene

17.157min (+0.000) 7.49ng/ul m

response 1297129

Ion Exp% Act%

178.00 100 100

176.00 16.20 22.37#

179.00 17.70 13.27#

0.00 0.00 0.00

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11/25/15

Quantitation Report (Qedit)

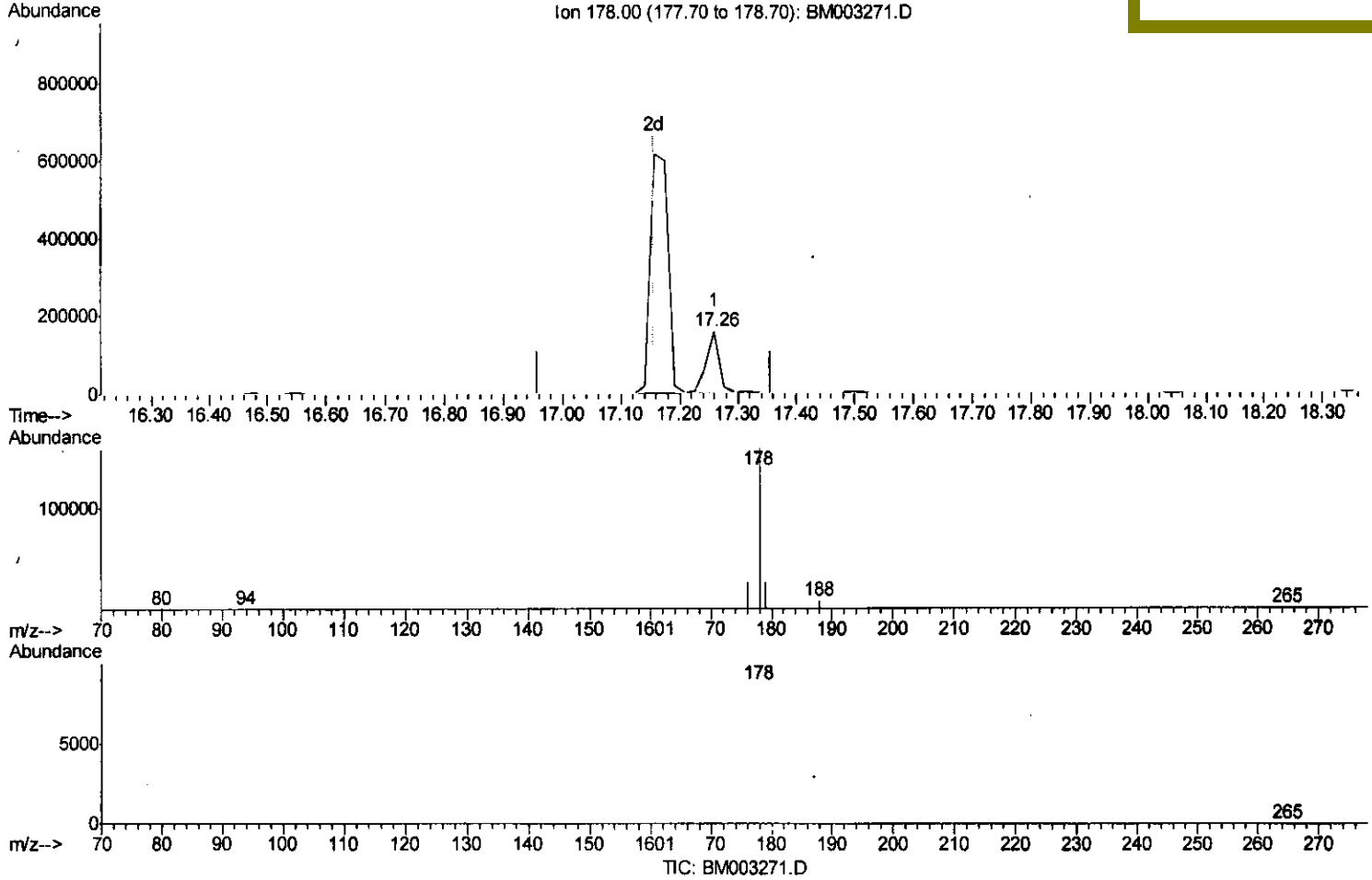
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Nov 22 05:35:25 2015
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Manual Integrations
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(14) Phenanthrene

17.260min (+0.103) 1.48ng/ui

response 256382

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	16.83
179.00	17.70	16.52
0.00	0.00	0.00

Quantitation Report (Qedit)

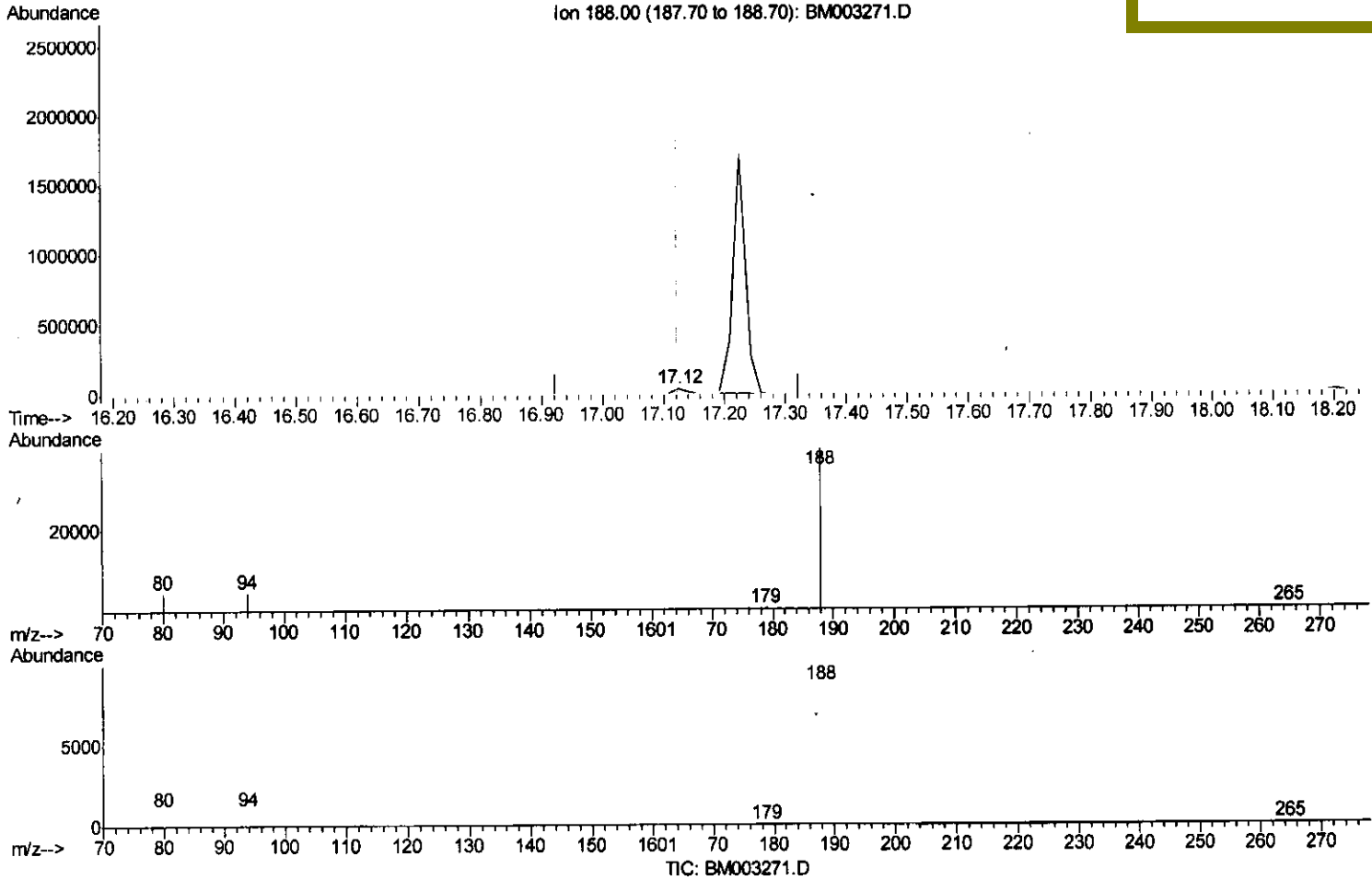
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J57

Quant Time: Nov 22 05:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 59641

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.42
80.00	11.90	11.18
0.00	0.00	0.00

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Quantitation Report (Qedit)

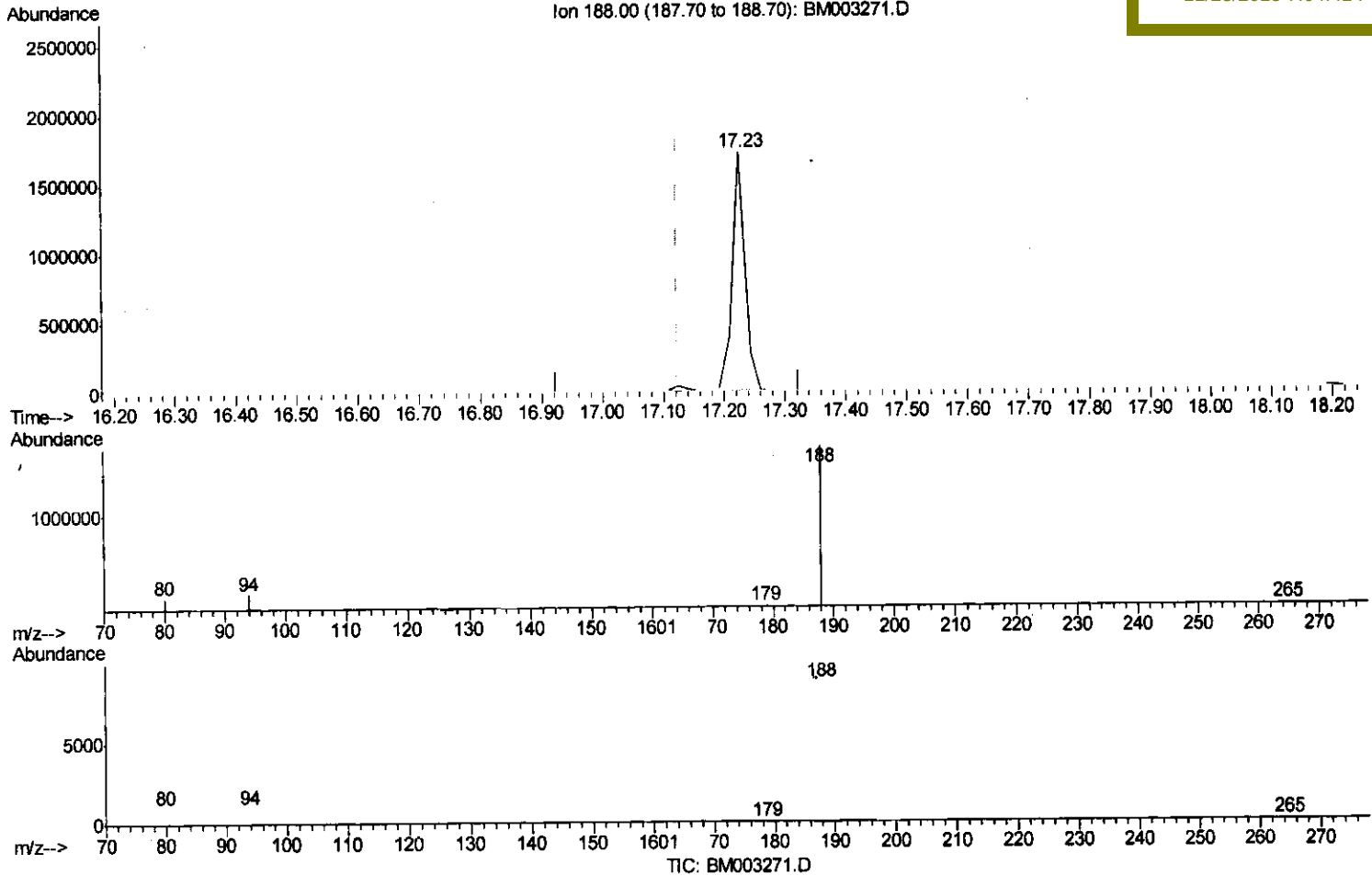
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J57

Quant Time: Nov 22 05:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 11/23/2015 7:04:41 PM



(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 2447012

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.44
80.00	11.90	7.11#
0.00	0.00	0.00

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003271.D
 Acq On : 22 Nov 2015 04:51
 Operator : UM/IZ
 Sample : G4345-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13049	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	50953	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28160	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	59641m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	63380	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	66390	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	54584	3.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	14670	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	31106	0.21	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.57	128	39688	0.30	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	21355	0.25	ng/ul#	100
9) Acenaphthylene	14.09	152	48248	0.41	ng/ul	98
10) Acenaphthene	14.43	153	61019	0.62	ng/ul#	76
11) Fluorene	15.44	166	70621	0.66	ng/ul	97
13) Pentachlorophenol	16.78	266	1632	0.12	ng/ul	96
14) Phenanthrene	17.16	178	1297129m	7.49	ng/ul	
15) Anthracene	17.26	178	260696	1.80	ng/ul	99
17) Fluoranthene	19.19	202	2322302	12.10	ng/ul	98
19) Pyrene	19.55	202	2096450	9.65	ng/ul	99
20) Benzo(a)anthracene	21.30	228	1097434	5.97	ng/ul#	89
21) Chrysene	21.35	228	1009192m	4.88	ng/ul	
23) Benzo(b)fluoranthene	22.91	252	1360050m	5.39	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	482160m	2.02	ng/ul	
25) Benzo(a)pyrene	23.48	252	909666	4.05	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	25.86	276	623896	2.33	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.87	278	152137	0.70	ng/ul	95
28) Benzo(a,h,i)perylene	26.57	276	546888	2.33	ng/ul	96

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

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