

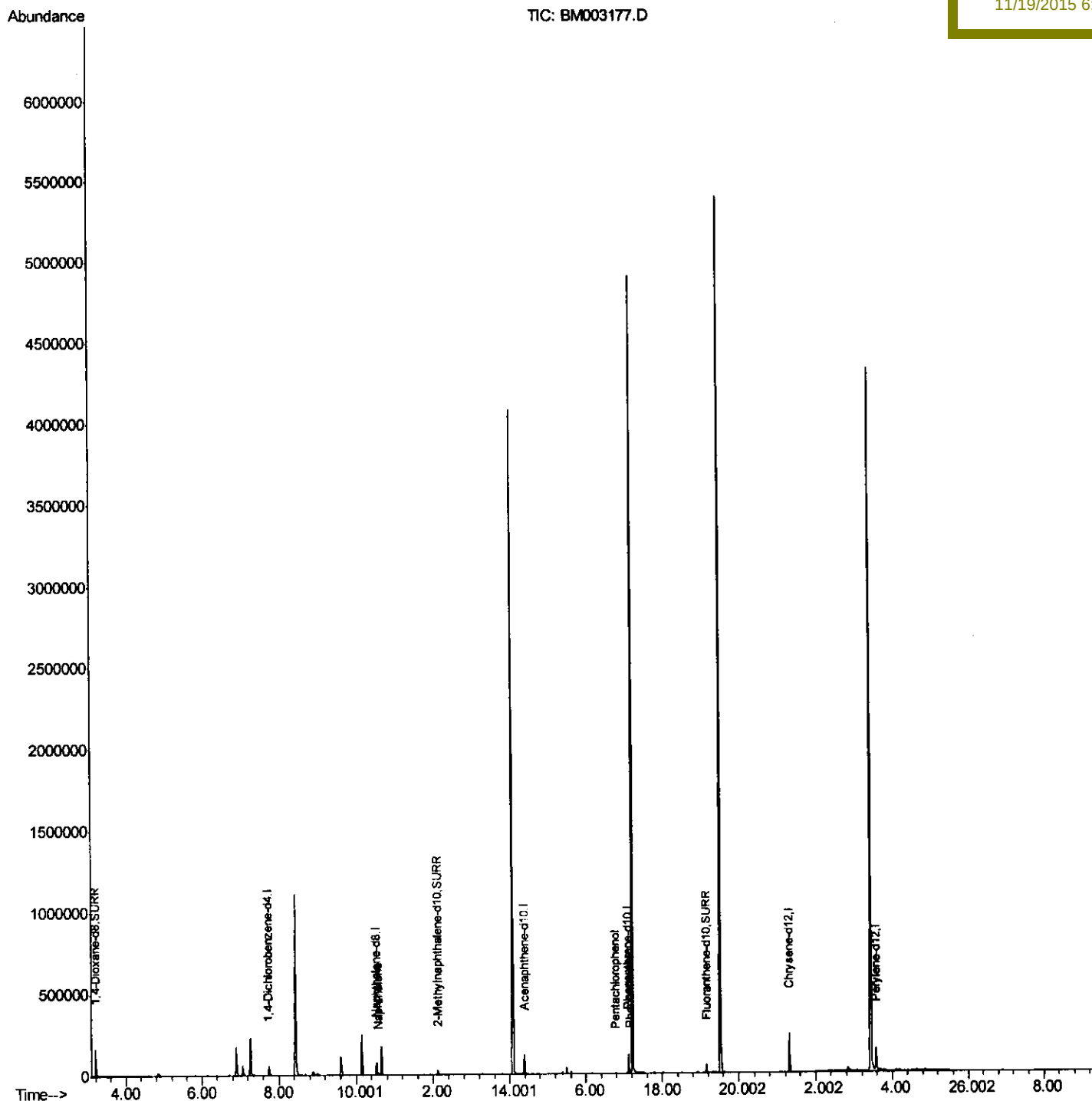
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003177.D
Acq On : 19 Nov 2015 01:24
Operator : UM/IZ
Sample : G4323-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT5

Manual Integrations
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Mmdadoda
11/19/2015 6:42:54 PM

Quant Time: Nov 19 04:05:24 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 : Thu Nov 19 03:20:59 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003177.D
 Acq On : 19 Nov 2015 01:24
 Operator : UM/IZ
 Sample : G4323-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

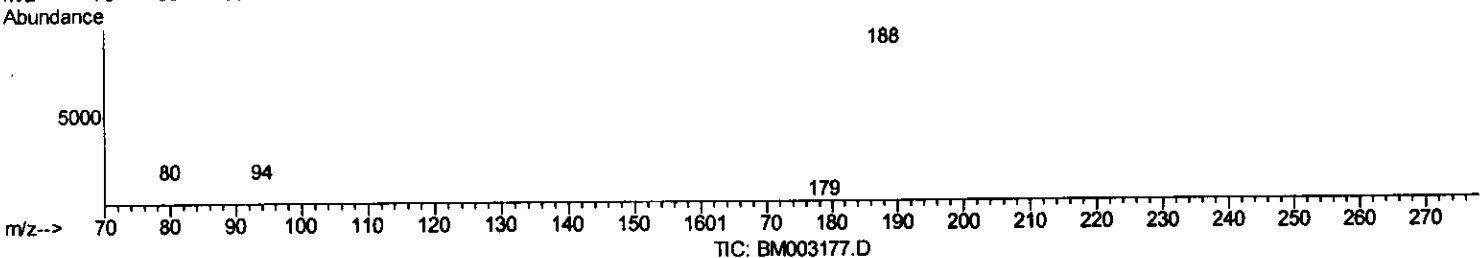
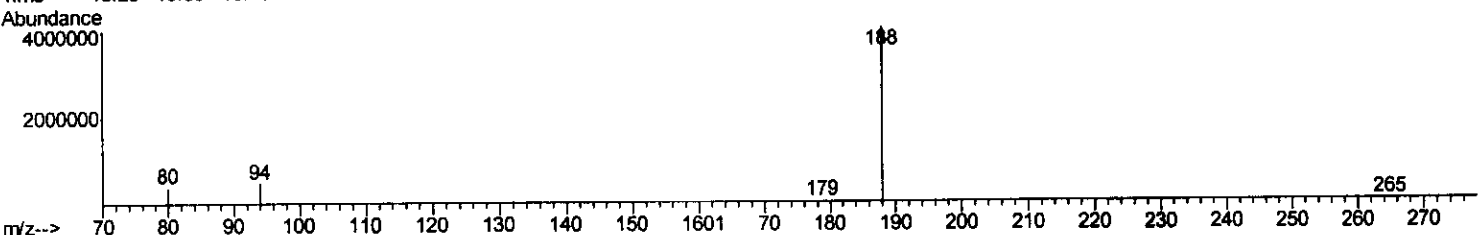
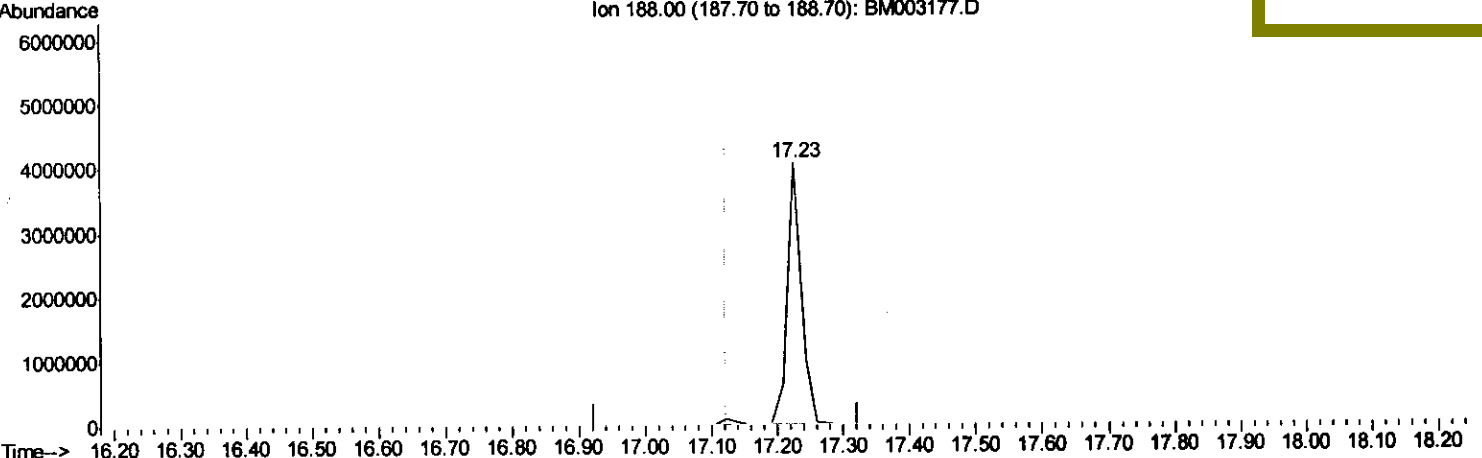
Instrument :
 BNA_M
 ClientSampleId :
 A4HT5

Quant Time: Nov 19 03:58:08 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 : Thu Nov 19 03:20:59 2015
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Manual Integrations
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Ion 188.00 (187.70 to 188.70): BM003177.D



(12) Phenanthrene-d10 (I)
 17.226min (+0.103) 0.40ng/ul
 response 5899124

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.47
80.00	11.90	8.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

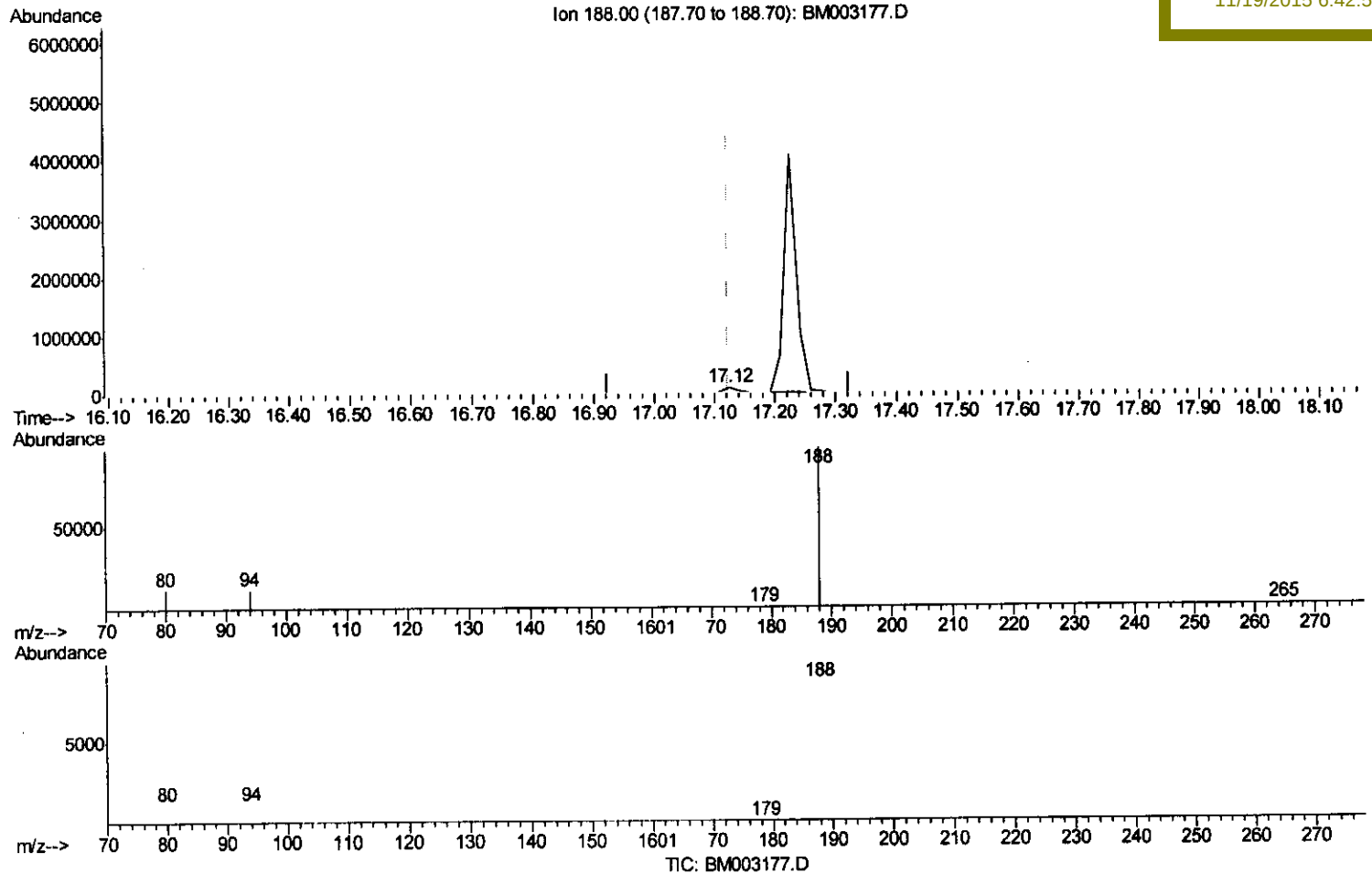
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003177.D
 Acq On : 19 Nov 2015 01:24
 Operator : UM/IZ
 Sample : G4323-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT5

Quant Time: Nov 19 03:58:08 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 : Thu Nov 19 03:20:59 2015
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Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:42:54 PM



(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m > $\frac{U.M.}{11/21/15}$
 response 153800

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.97
80.00	11.90	12.09
0.00	0.00	0.00

Quantitation Report (Qedit)

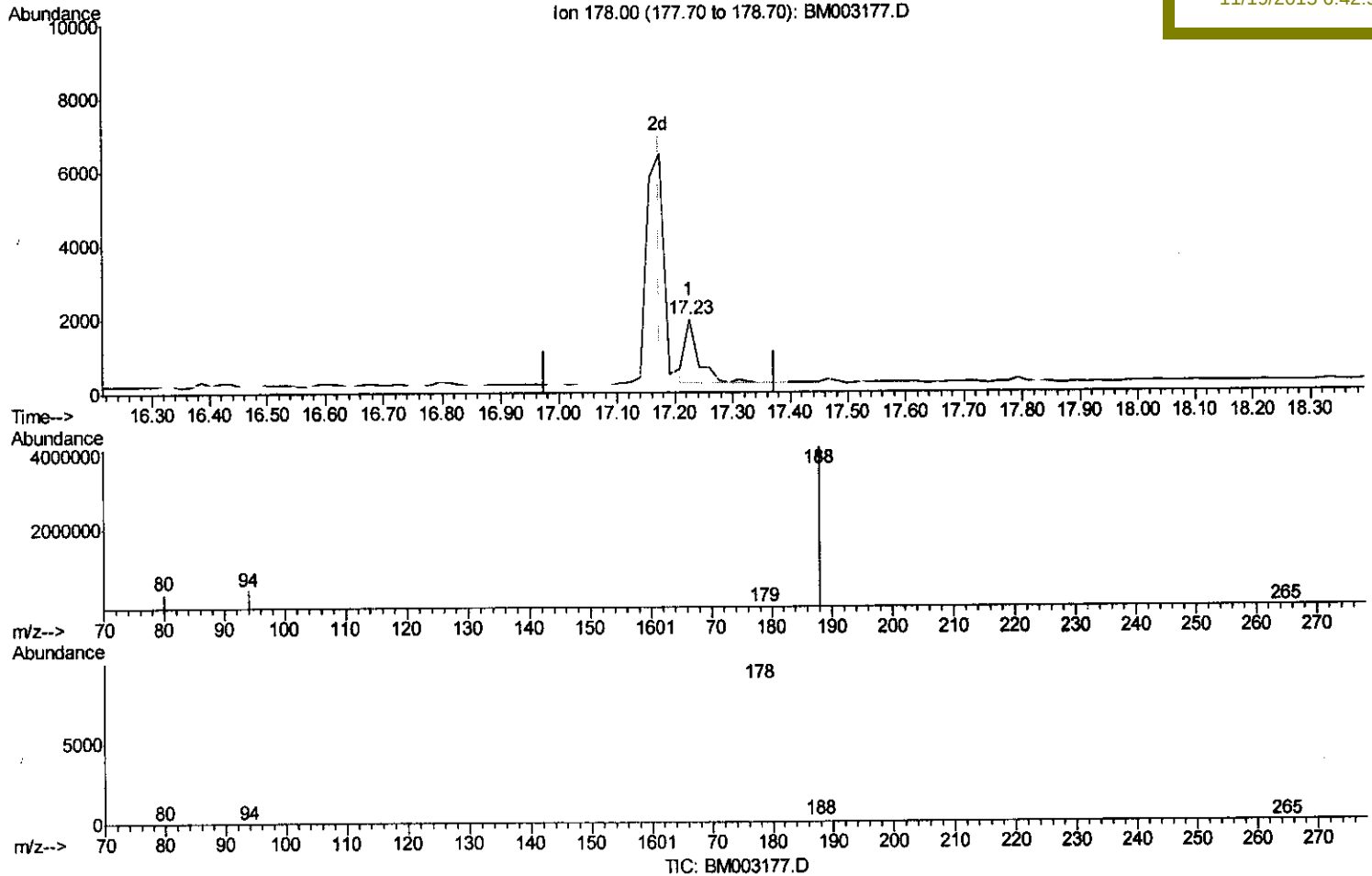
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003177.D
 Acq On : 19 Nov 2015 01:24
 Operator : UM/IZ
 Sample : G4323-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT5

Quant Time: Nov 19 04:01:24 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 : Thu Nov 19 03:20:59 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:42:54 PM



(14) Phenanthrene

17.226min (+0.052) 0.01ng/ul

response 2832

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	11.66#
179.00	17.70	255.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

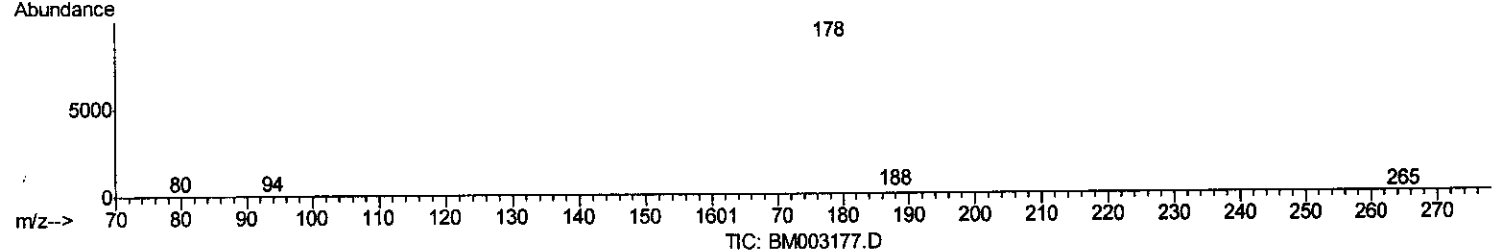
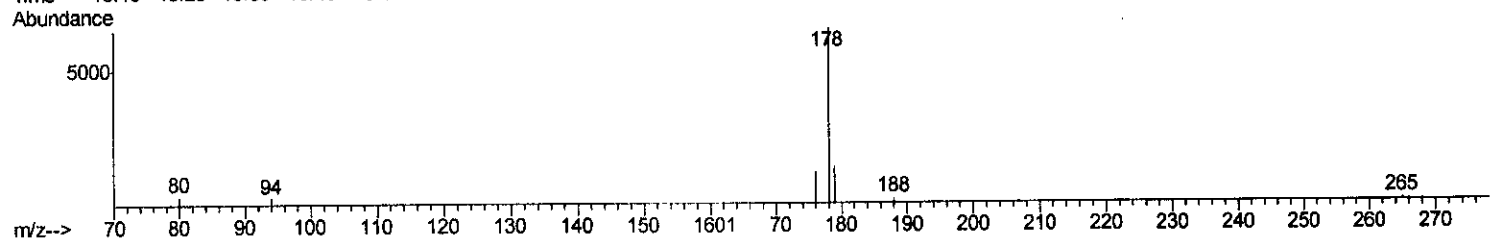
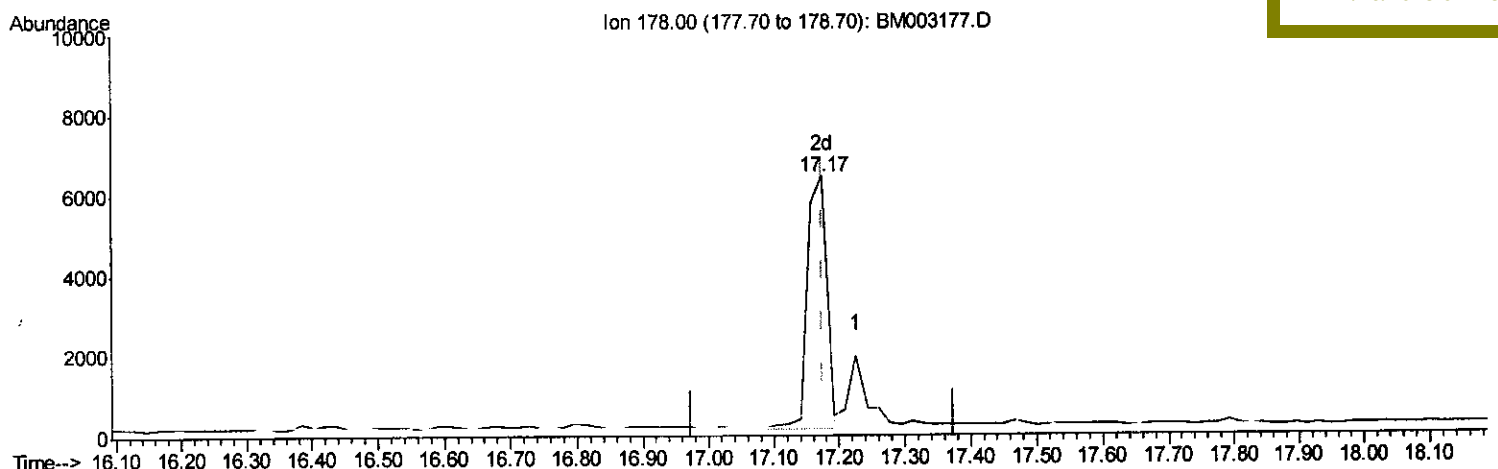
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003177.D
 Acq On : 19 Nov 2015 01:24
 Operator : UM/IZ
 Sample : G4323-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT5

Quant Time: Nov 19 04:01:24 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 : Thu Nov 19 03:20:59 2015
 Response via : Initial Calibration

Manual Integrations
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 11/19/2015 6:42:54 PM



(14) Phenanthrene

17.174min (+0.000) 0.03ng/ul m

response 13131

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.66
179.00	17.70	21.84#
0.00	0.00	0.00

> U.M.
 11/21/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003177.D
 Acq On : 19 Nov 2015 01:24
 Operator : UM/IZ
 Sample : G4323-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT5

Quant Time: Nov 19 04:05:24 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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 11/19/2015 6:42:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	28854	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	114046	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	68252	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	153800m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	216182	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	212609	0.40	ng/ul	0.00

> U.M.
 11/21/15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	123292	4.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	34842	0.22	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	68115	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	10969	0.04	ng/ul#	94
13) Pentachlorophenol	16.78	266	1706	0.05	ng/ul#	13
14) Phenanthrene	17.17	178	13131m	0.03	ng/ul	

> U.M.
 11/21/15

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