

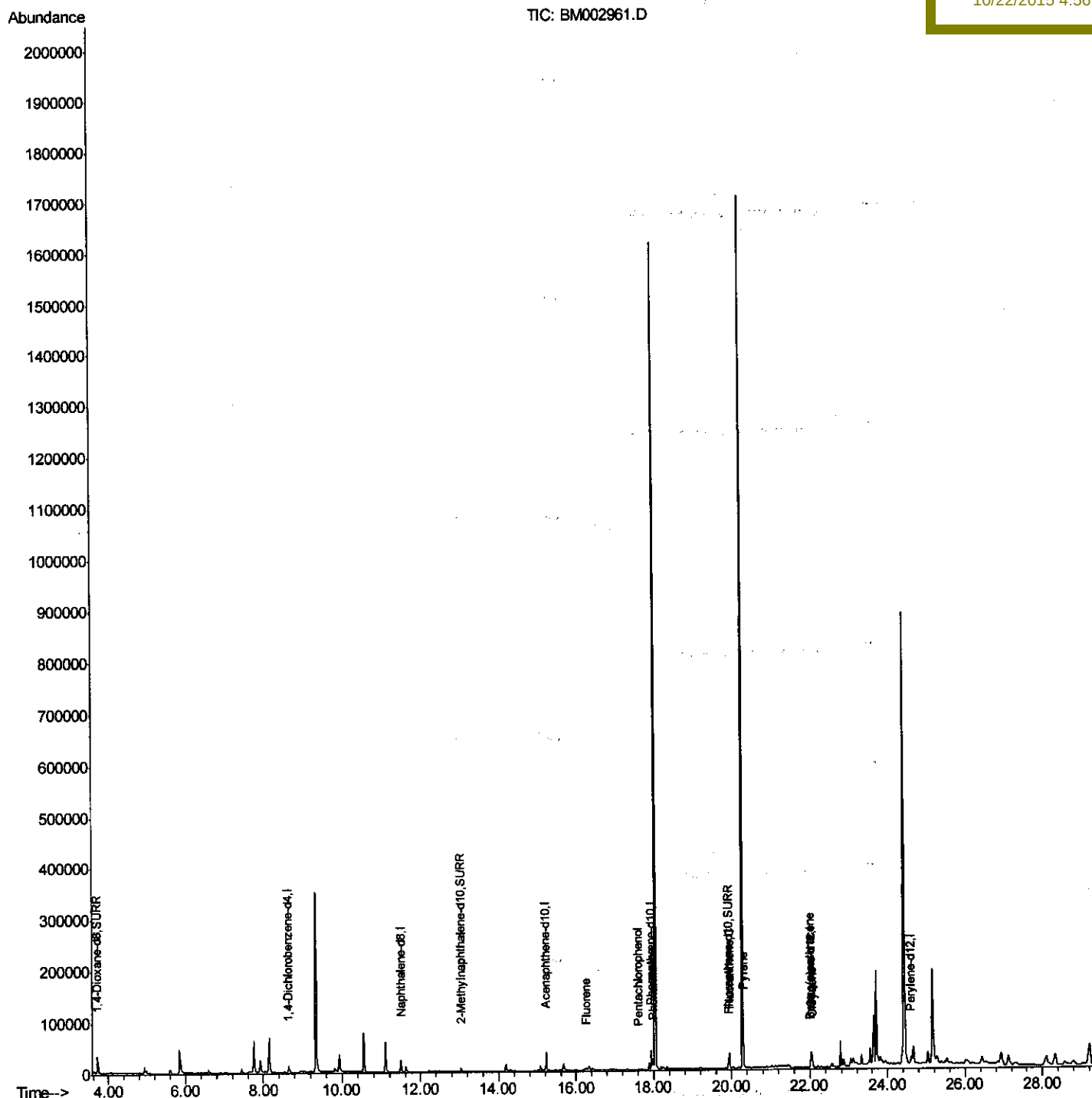
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002961.D
Acq On : 21 Oct 2015 23:25
Operator : UM/IZ
Sample : G4075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9J6

Quant Time: Oct 22 13:13:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
10/22/2015 4:56:57 PM



Quantitation Report (Qedit)

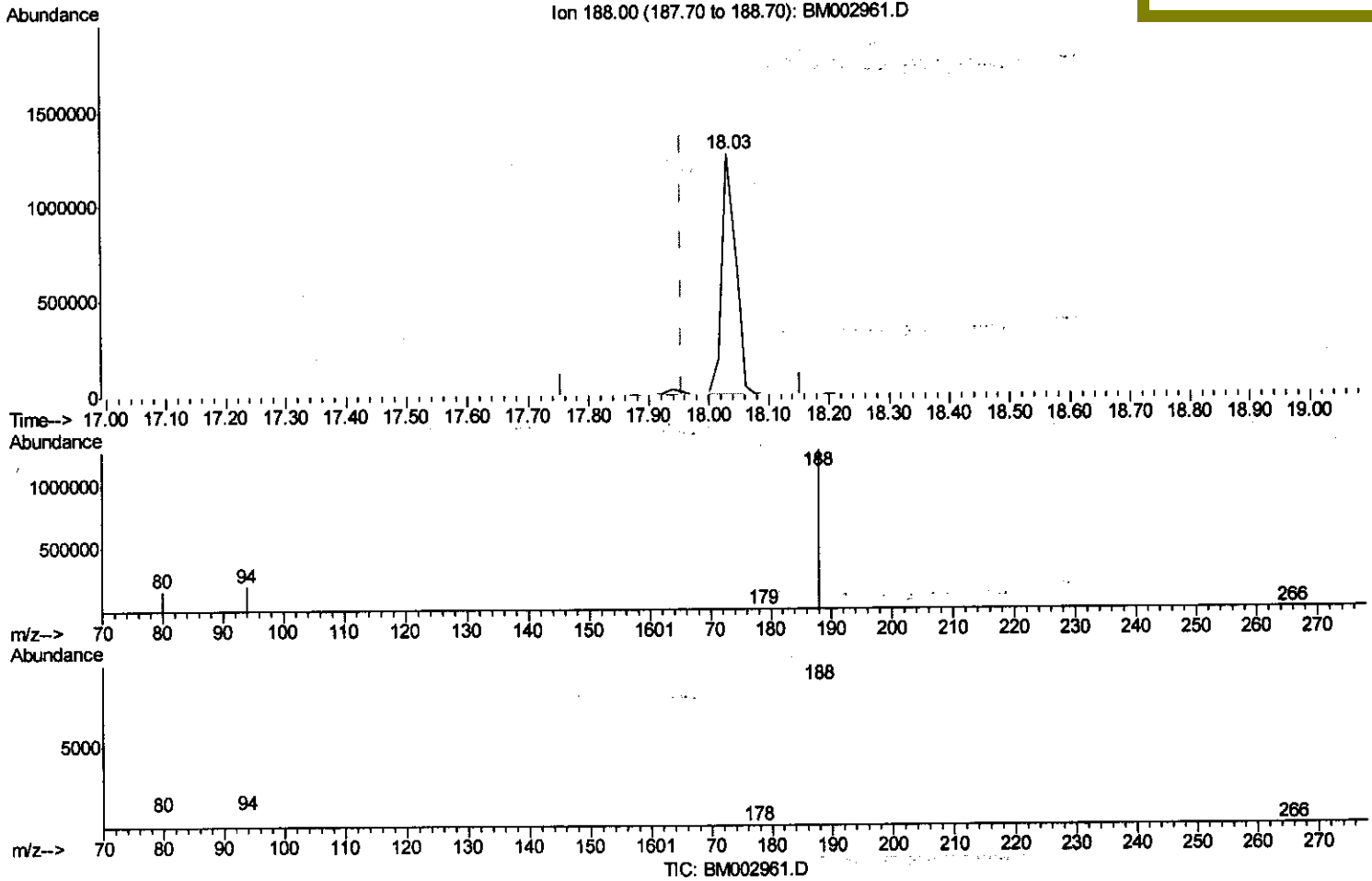
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002961.D
 Acq On : 21 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J6

Quant Time: Oct 22 12:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:57 PM



(12) Phenanthrene-d10 (I)

18.031min (+0.077) 0.40ng/ul

response 2029687

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	15.12#
80.00	8.90	12.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

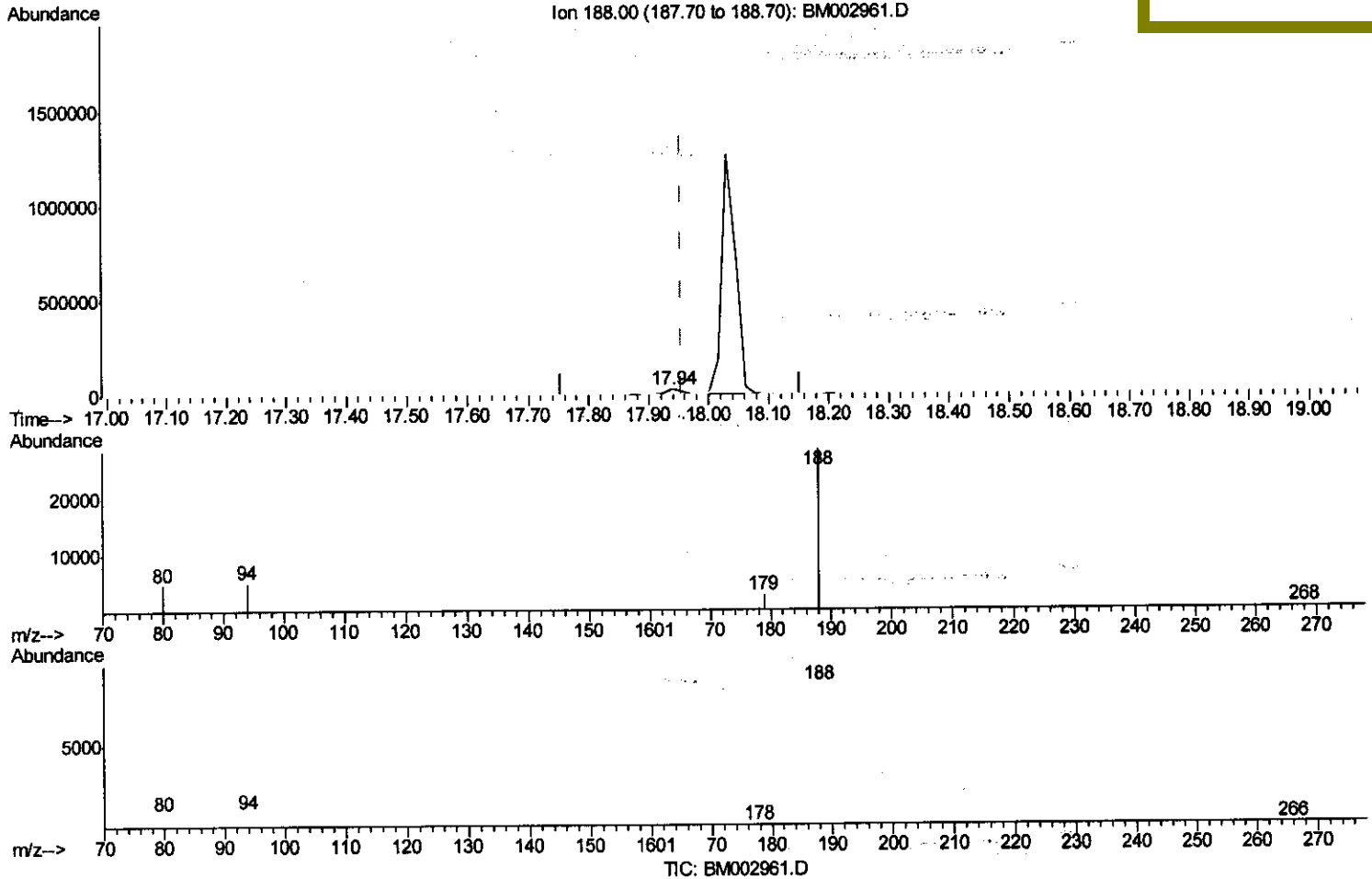
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002961.D
 Acq On : 21 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J6

Quant Time: Oct 22 12:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:57 PM



(12) Phenanthrene-d10 (I)

17.938min (-0.016) 0.40ng/ul m

response 44940

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.83#
80.00	8.90	16.50#
0.00	0.00	0.00

U.M.
 10/23/15

Quantitation Report (Qedit)

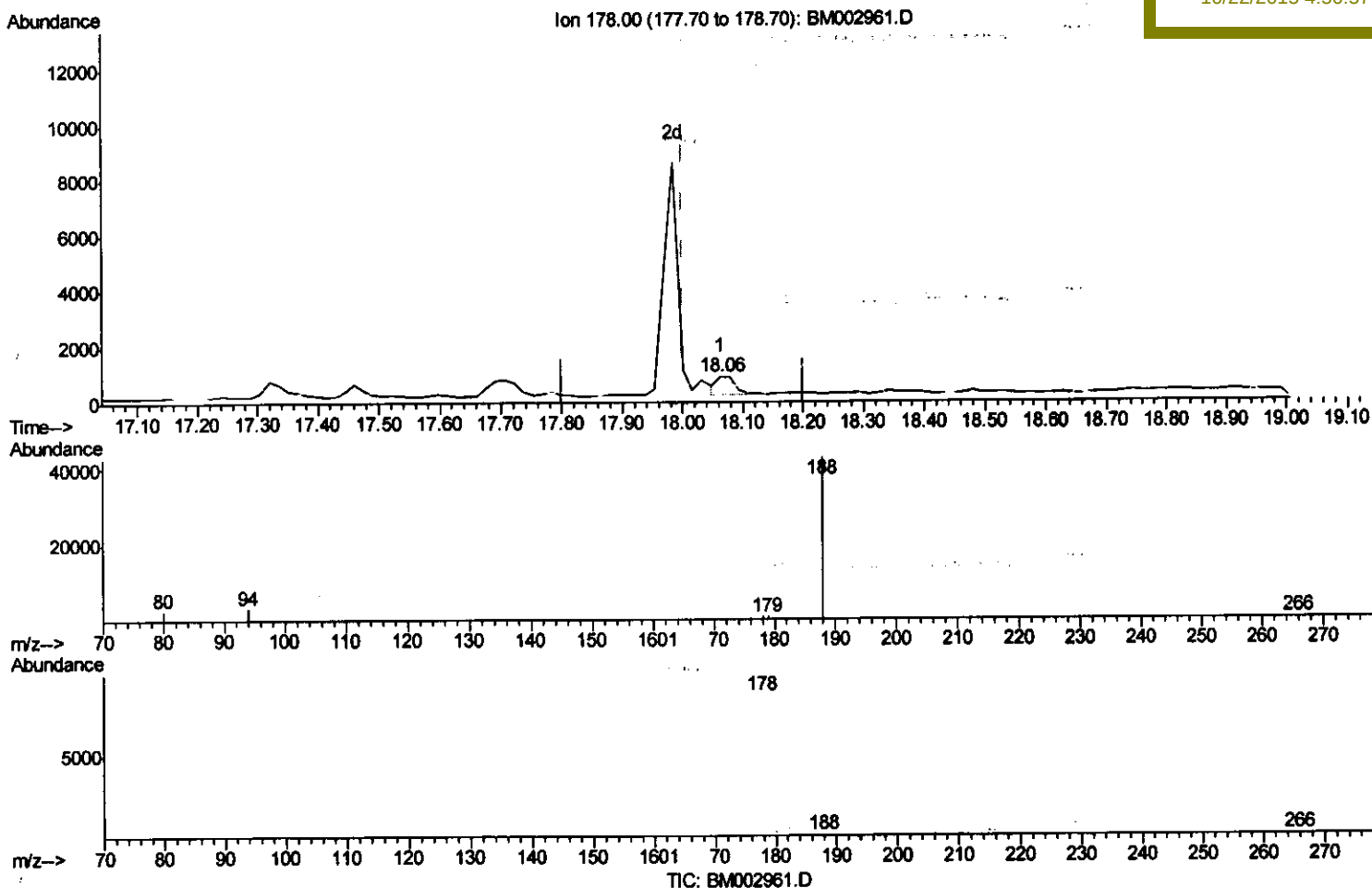
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002961.D
 Acq On : 21 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J6

Quant Time: Oct 22 13:11:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:57 PM



(14) Phenanthrene

18.062min (+0.062) 0.01ng/ul

response 1365

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	35.82#
179.00	16.00	106.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

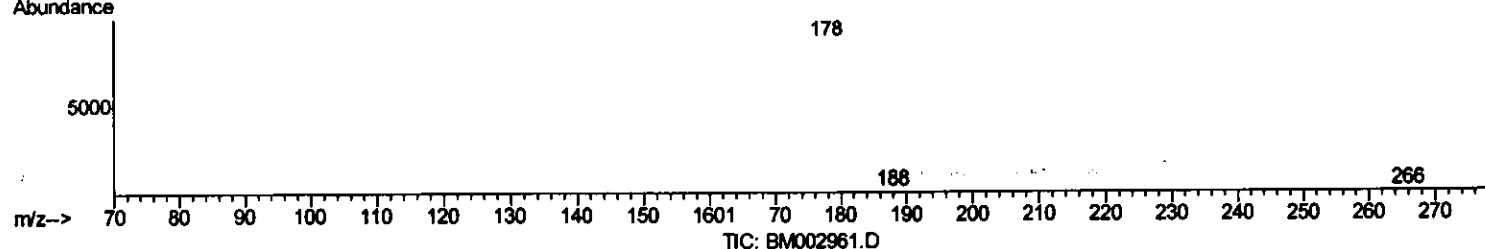
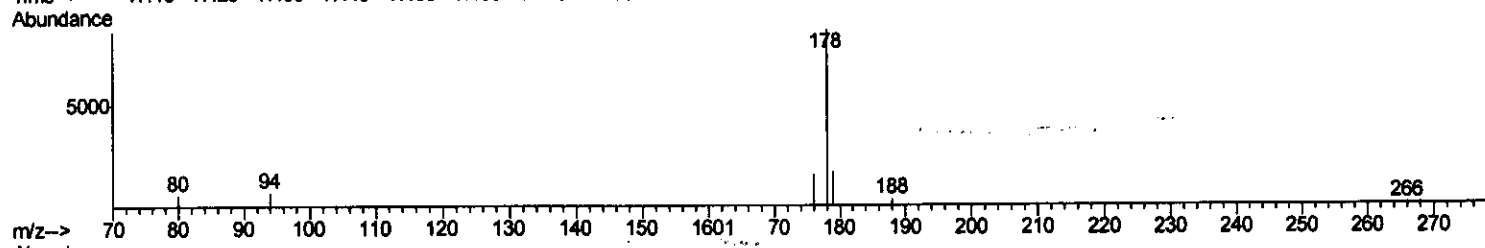
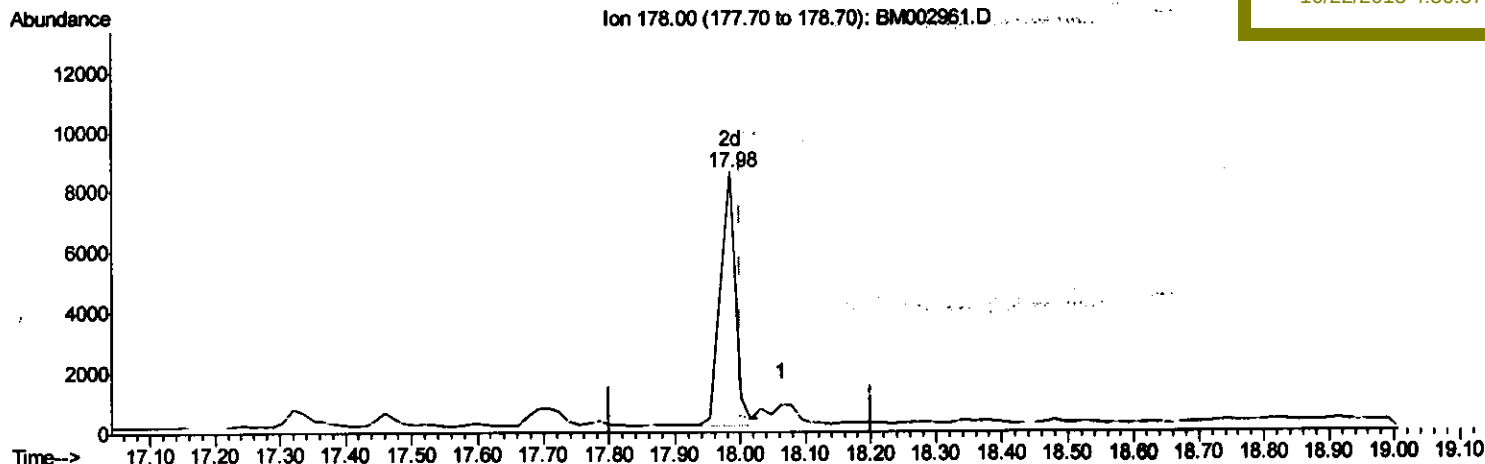
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002961.D
 Acq On : 21 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J6

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:57 PM

Quant Time: Oct 22 13:11:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration



(14) Phenanthrene

17.985min (-0.016) 0.09ng/ul m

response 13435

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	18.81
179.00	16.00	20.44#
0.00	0.00	0.00

U.M.
 10/23/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002961.D
 Acq On : 21 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J6

Quant Time: Oct 22 13:13:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	8868	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	38514	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	21160	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	44940m	0.40	ng/ul	-0.02
18) Chrysene-d12	22.03	240	31337	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	29185	0.40	ng/ul	-0.02

U.M.
 10/23/15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	29776	3.14	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	14474	0.22	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	24664	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Fluorene	16.27	166	9256	0.10	ng/ul#	56
13) Pentachlorophenol	17.61	266	1163	0.43	ng/ul	98
14) Phenanthrene	17.98	178	13435m	0.09	ng/ul	
17) Fluoranthene	19.95	202	28881	0.17	ng/ul	92
19) Pyrene	20.30	202	28007	0.25	ng/ul#	95
20) Benzo(a)anthracene	22.01	228	9519	0.09	ng/ul#	84
21) Chrysene	22.07	228	12203	0.12	ng/ul#	88

U.M.
 10/23/15

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