

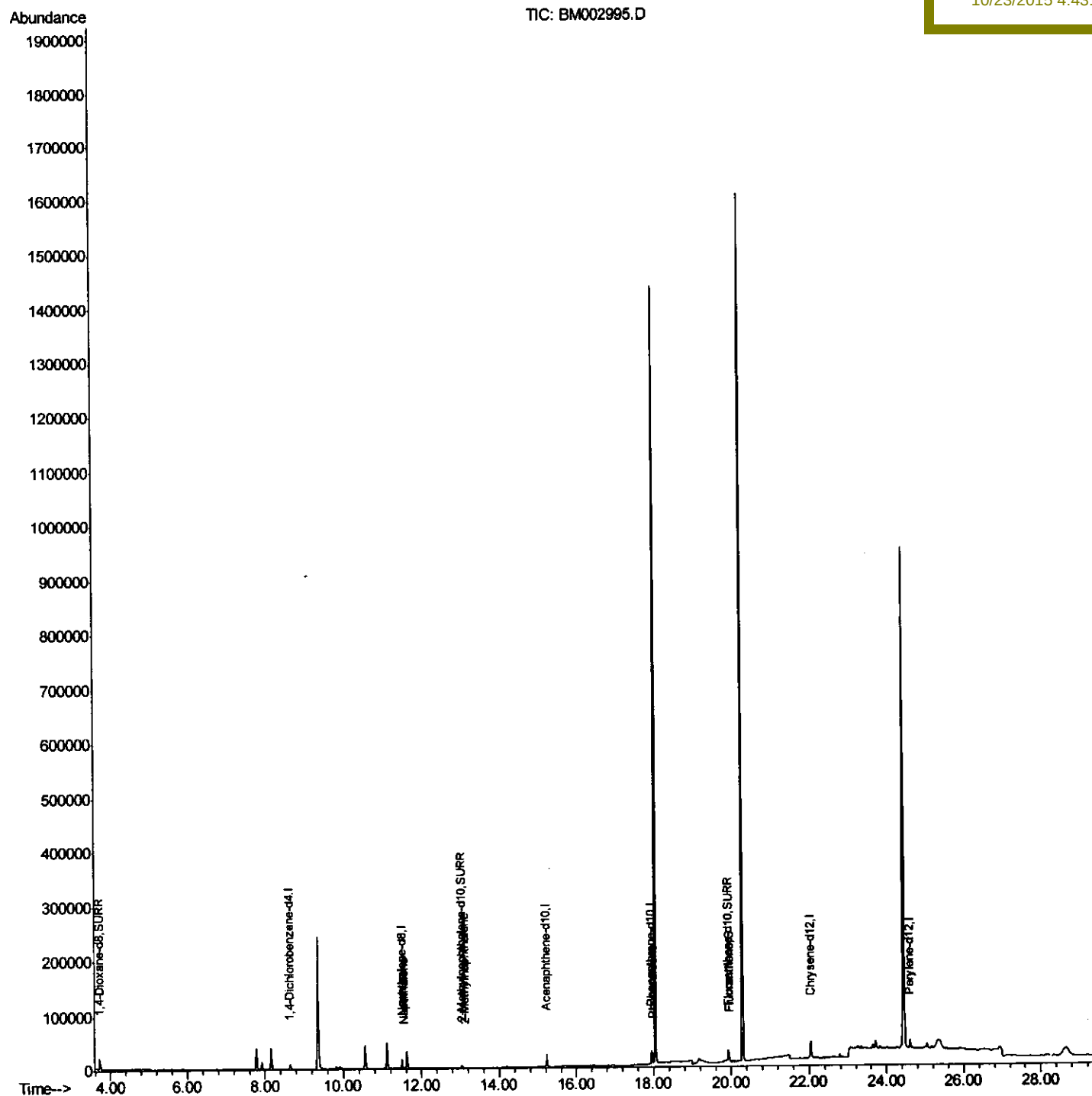
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002995.D
Acq On : 23 Oct 2015 02:05
Operator : UM/IZ
Sample : G4074-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9L0

Quant Time: Oct 23 06:47:33 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 : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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Quantitation Report (Qedit)

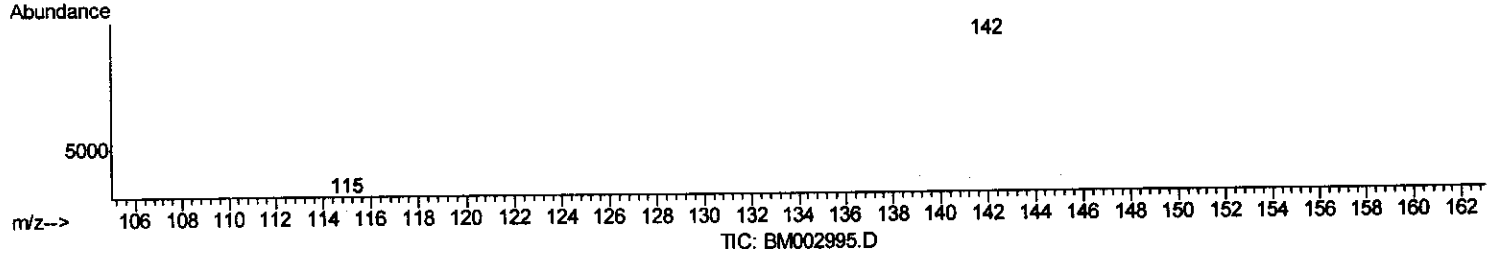
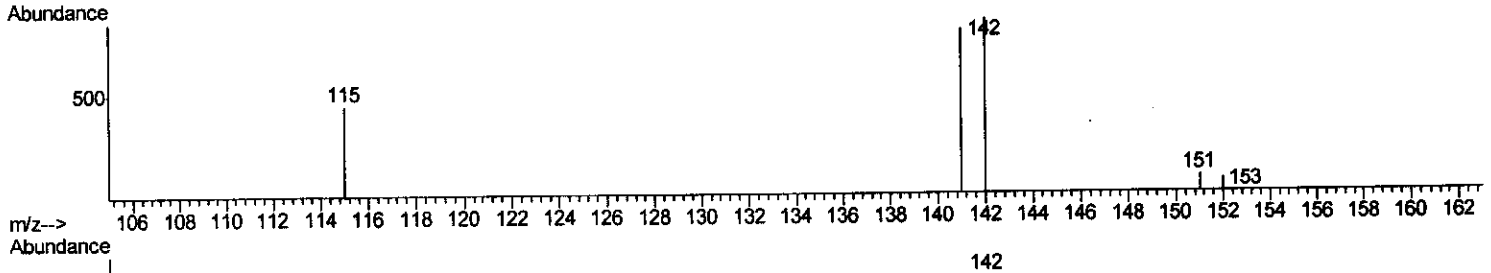
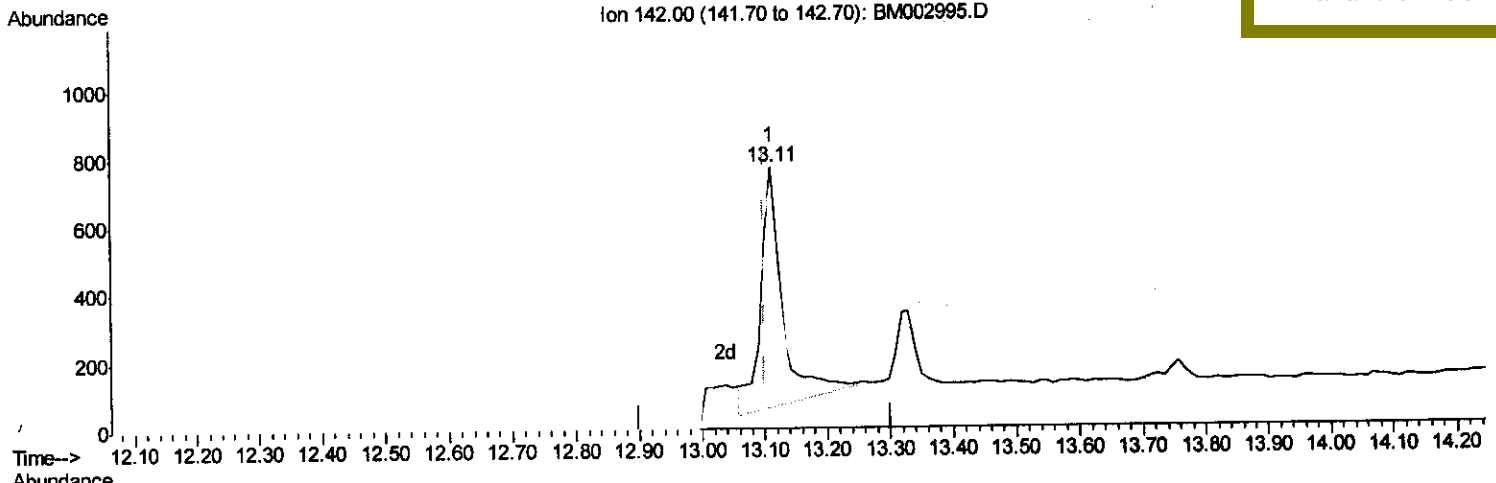
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 Operator : UM/IZ
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Instrument :
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 ClientSampleId :
 JG9L0

Quant Time: Oct 23 03:54:24 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 : Fri Oct 23 01:55:29 2015
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Manual Integrations
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(7) 2-Methylnaphthalene

13.110min (+0.010) 0.04ng/ul

response 1731

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	208.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

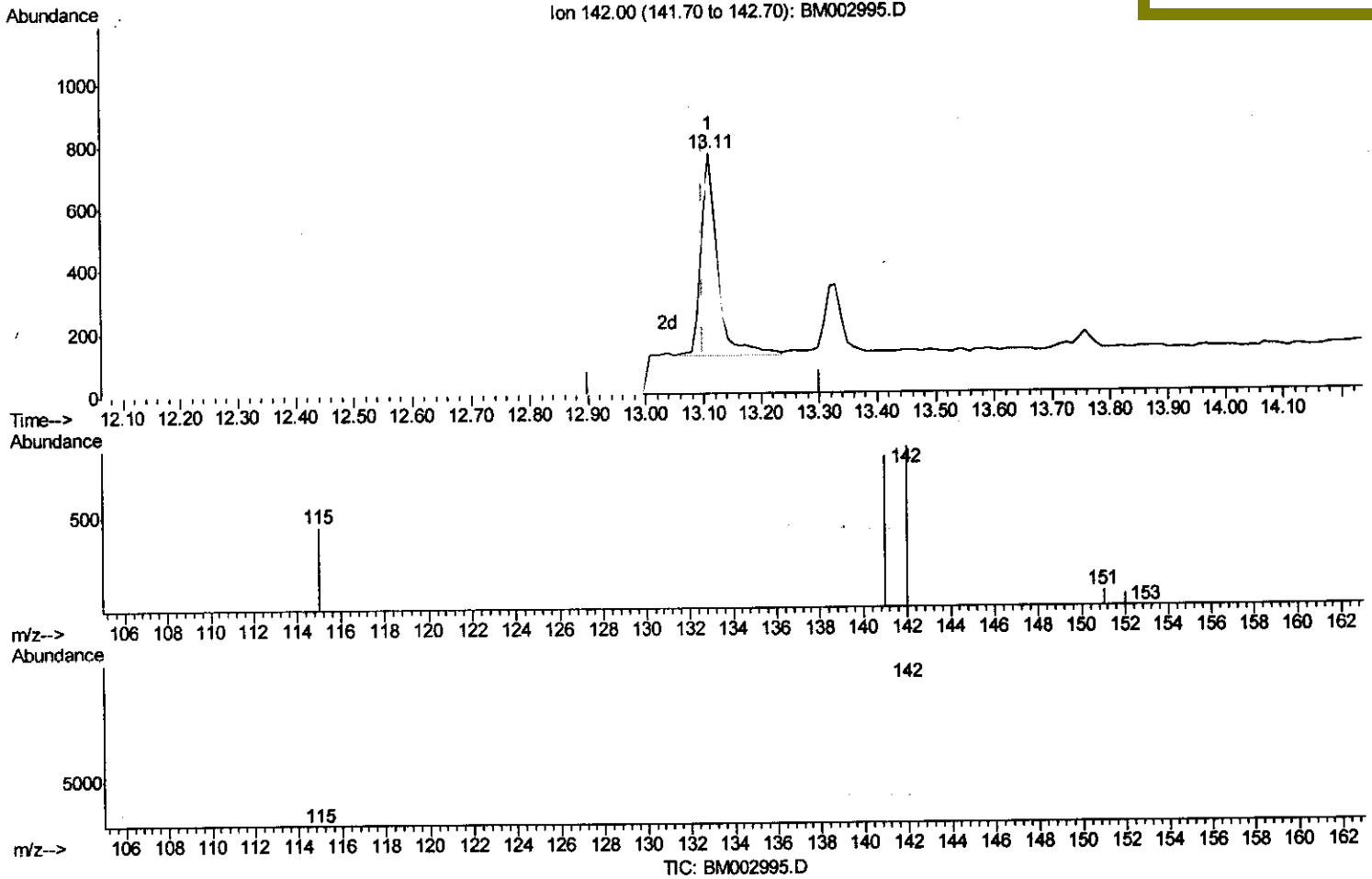
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 03:54:24 2015
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Manual Integrations
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(7) 2-Methylnaphthalene

13.110min (+0.010) 0.03ng/ul m U.M

response 1278

10/27/15

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	282.39#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

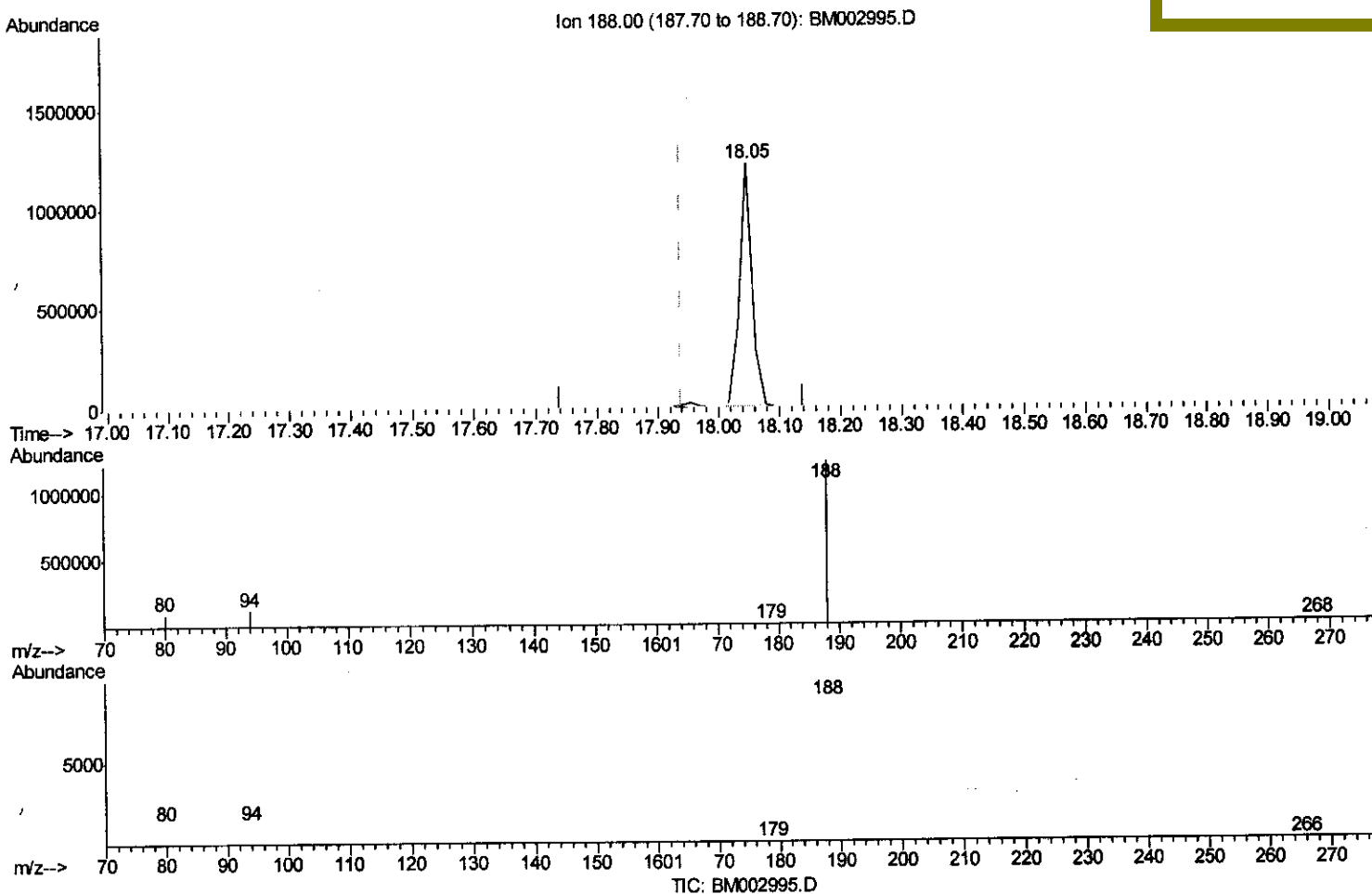
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 03:54:24 2015
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Manual Integrations
 APPROVED

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(12) Phenanthrene-d10 (I)

18.047min (+0.108) 0.40ng/ul

response 1782094

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.26
80.00	8.90	7.69
0.00	0.00	0.00

Quantitation Report (Qedit)

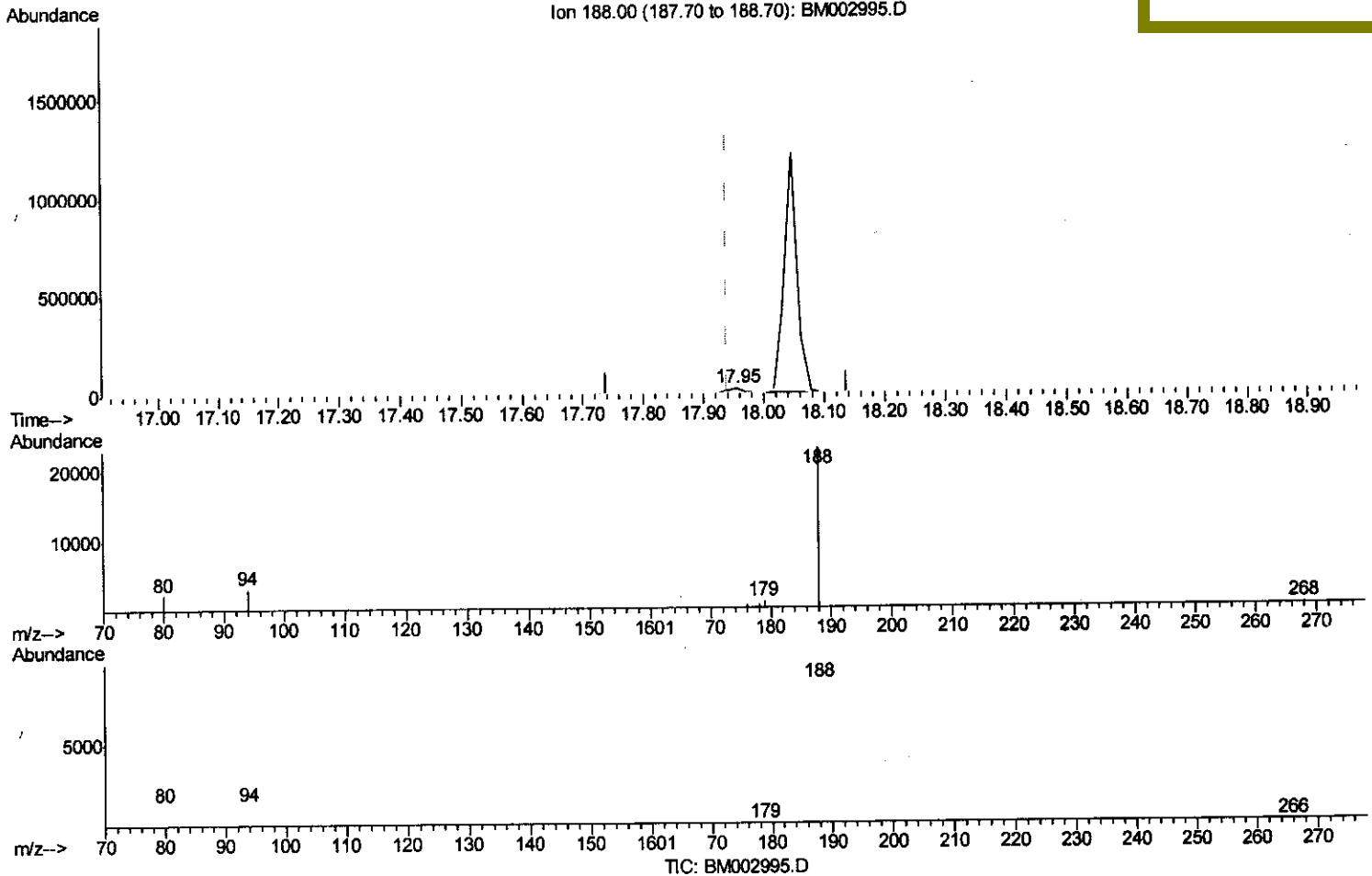
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Manual Integrations
 APPROVED

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 10/23/2015 4:43:52 PM

Quant Time: Oct 23 03:54:24 2015
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 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.954min (+0.015) 0.40ng/ul m U.M

response 36908

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	13.72#
80.00	8.90	10.08
0.00	0.00	0.00

Quantitation Report (Qedit)

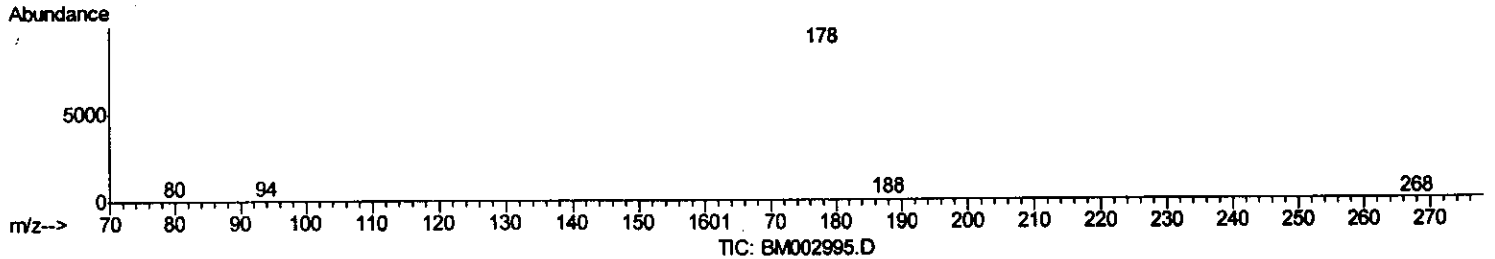
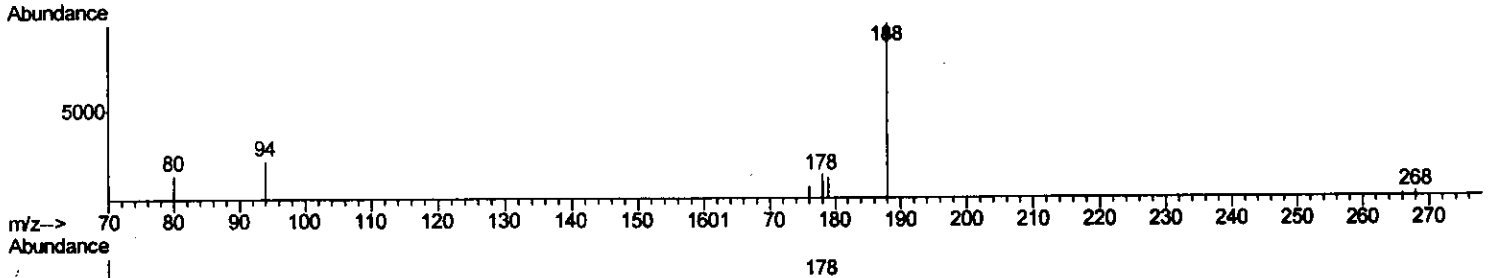
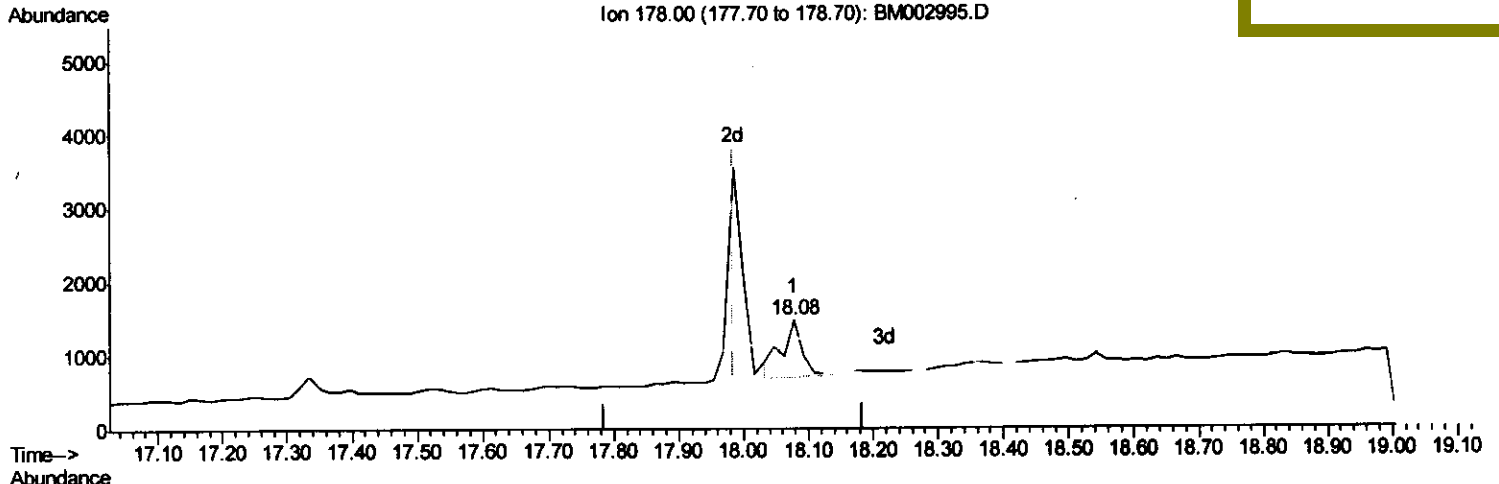
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 03:54:24 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 : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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(14) Phenanthrene

18.078min (+0.093) 0.01ng/ul

response 1724

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	55.65#
179.00	16.00	87.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

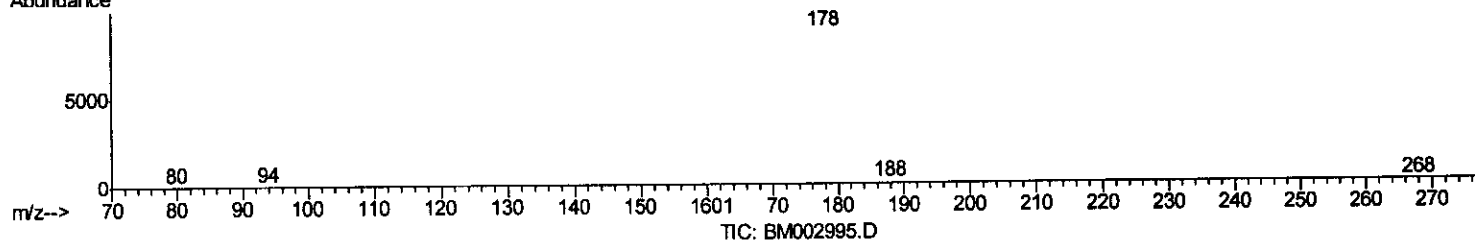
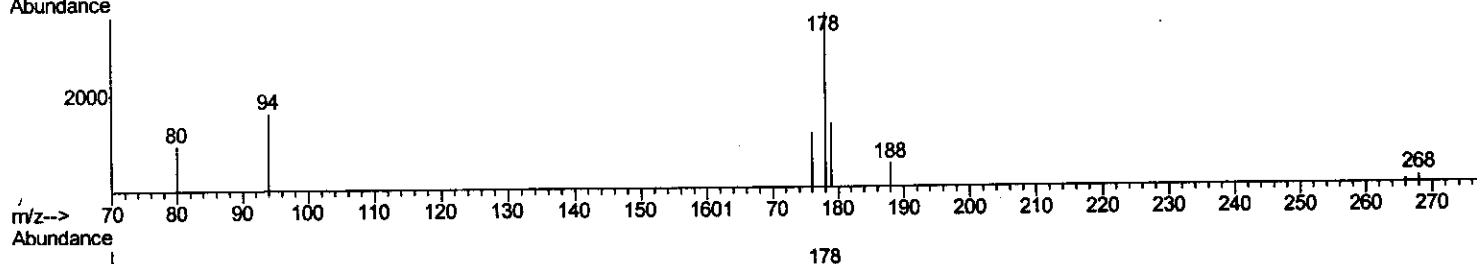
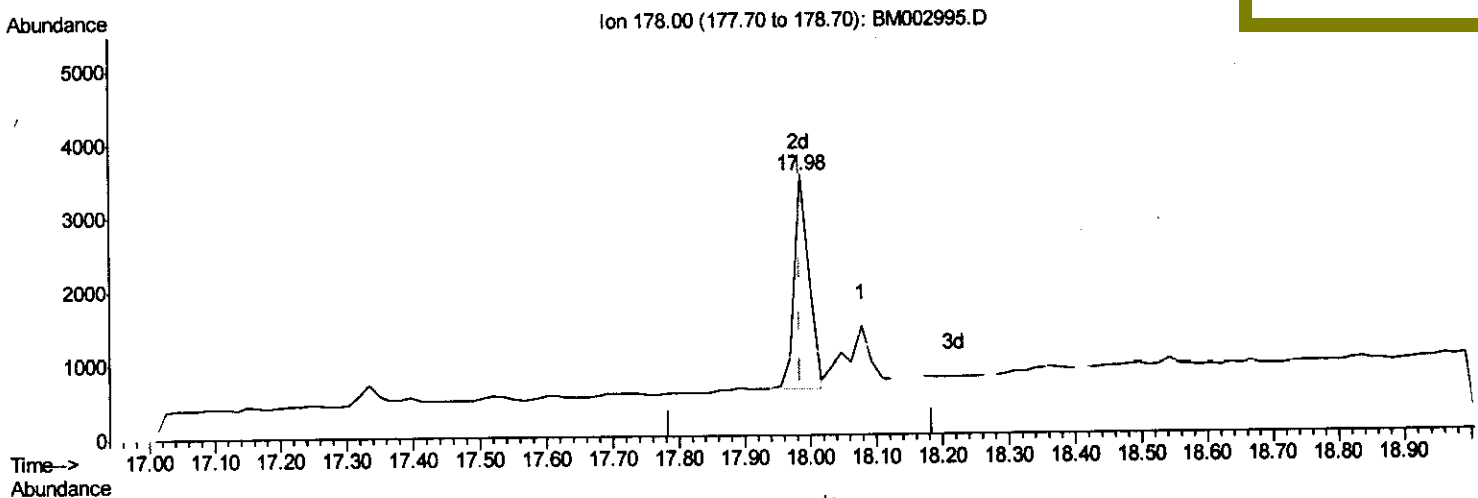
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 03:54:24 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 : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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(14) Phenanthrene

17.985min (-0.000) 0.04ng/ul m

U.M
 10/27/15

response 4584

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	34.28#
179.00	16.00	40.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

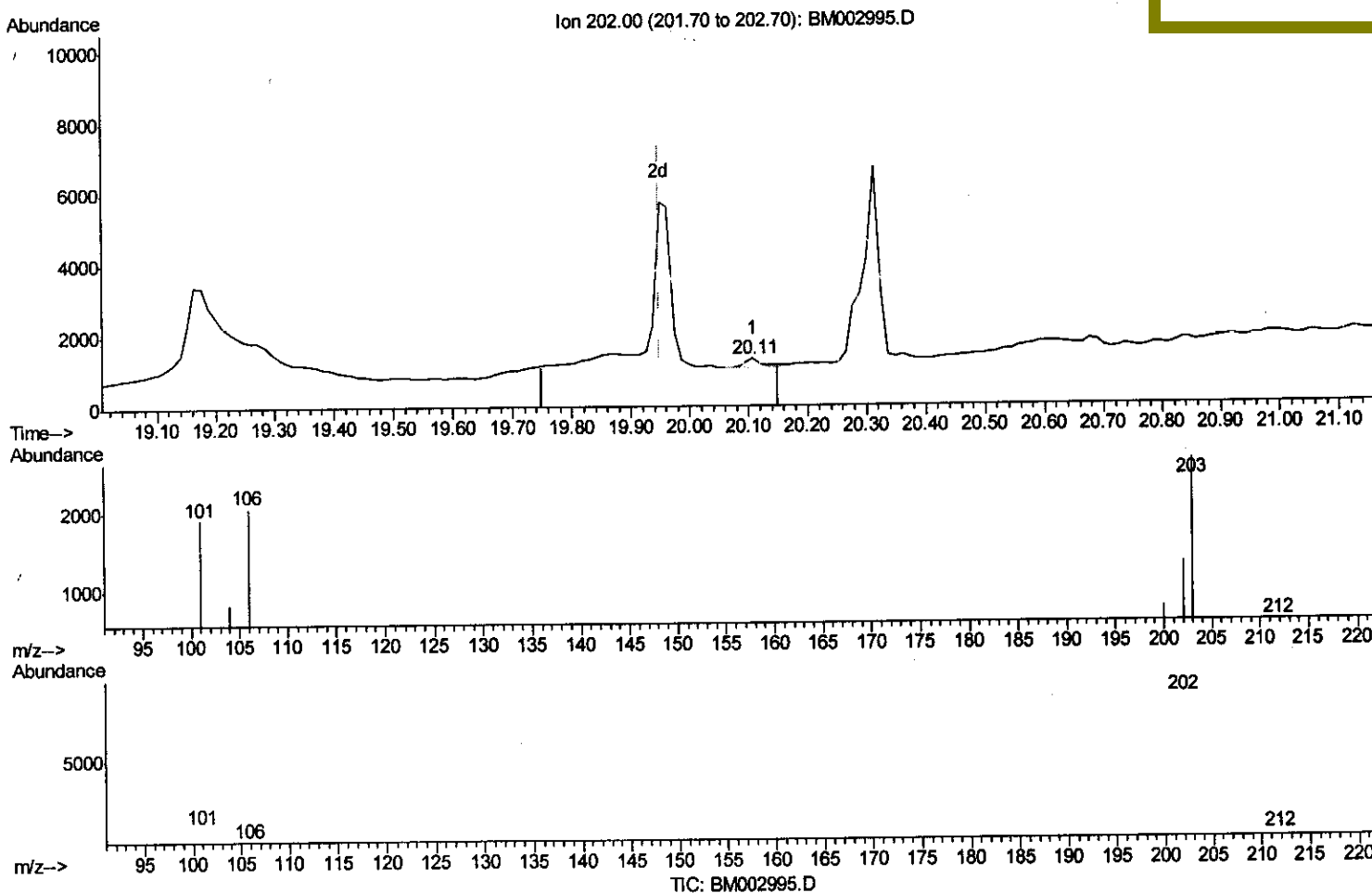
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 06:45:00 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 : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/23/2015 4:43:52 PM



(17) Fluoranthene (C)

20.107min (+0.157) 0.00ng/ul

response 492

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	144.96#
203.00	17.20	199.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

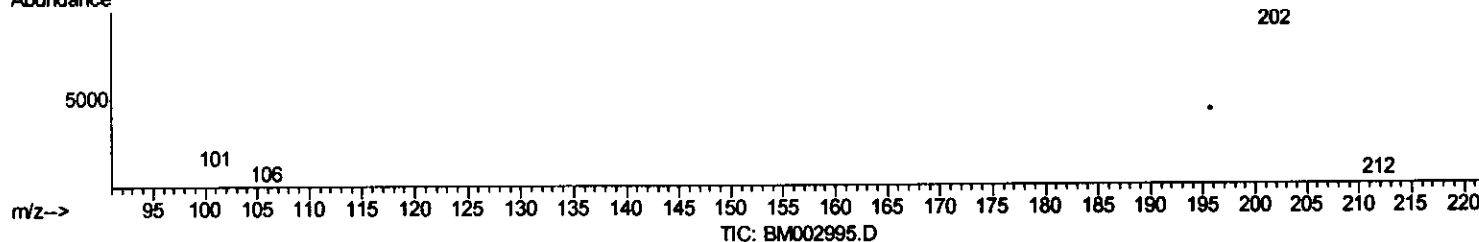
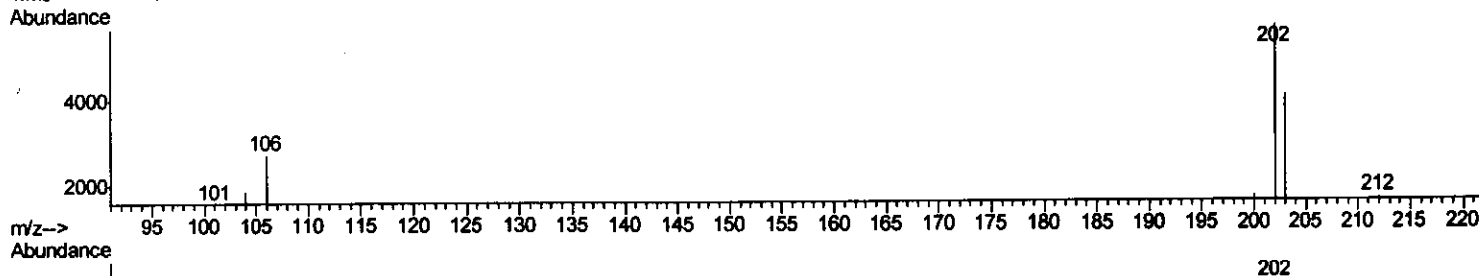
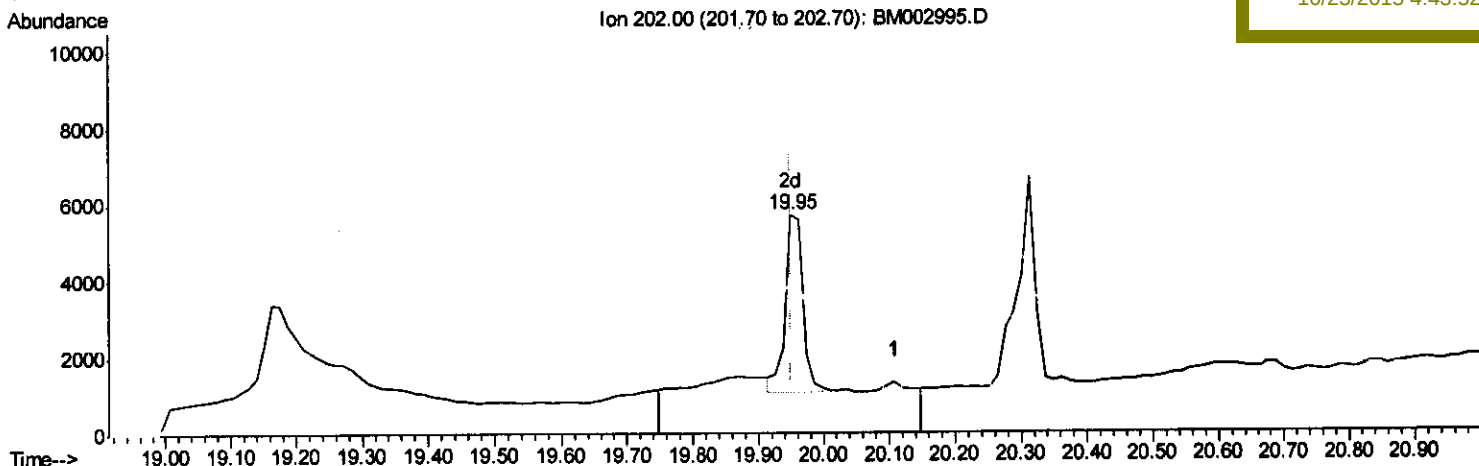
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Manual Integrations
 APPROVED

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 10/23/2015 4:43:52 PM

Quant Time: Oct 23 06:42:38 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 : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration



(17) Fluoranthene (C)

19.950min (-0.000) 0.06ng/ul m *U.M*
10/27/15

response 8832

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	27.38
203.00	17.20	71.36#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002995.D
 Acq On : 23 Oct 2015 02:05
 Operator : UM/IZ
 Sample : G4074-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L0

Quant Time: Oct 23 06:47:33 2015
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Manual Integrations
 APPROVED

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 10/23/2015 4:43:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	5698	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	26550	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	16122	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.95	188	36908m	0.40	ng/ul	0.02
18) Chrysene-d12	22.04	240	32412	0.40	ng/ul	0.01
22) Perylene-d12	24.61	264	27245	0.40	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.71	96	16907	2.78	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	9948	0.22	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	22981	0.23	ng/ul	0.00

Target Compounds

					Ovalue	
5) Naphthalene	11.54	128	1179	0.02	ng/ul#	61
7) 2-Methylnaphthalene	13.11	142	1278m	0.03	ng/ul	
14) Phenanthrene	17.98	178	4584m	0.04	ng/ul	
17) Fluoranthene	19.95	202	8832m	0.06	ng/ul	

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