

Quantitation Report (QT Reviewed)

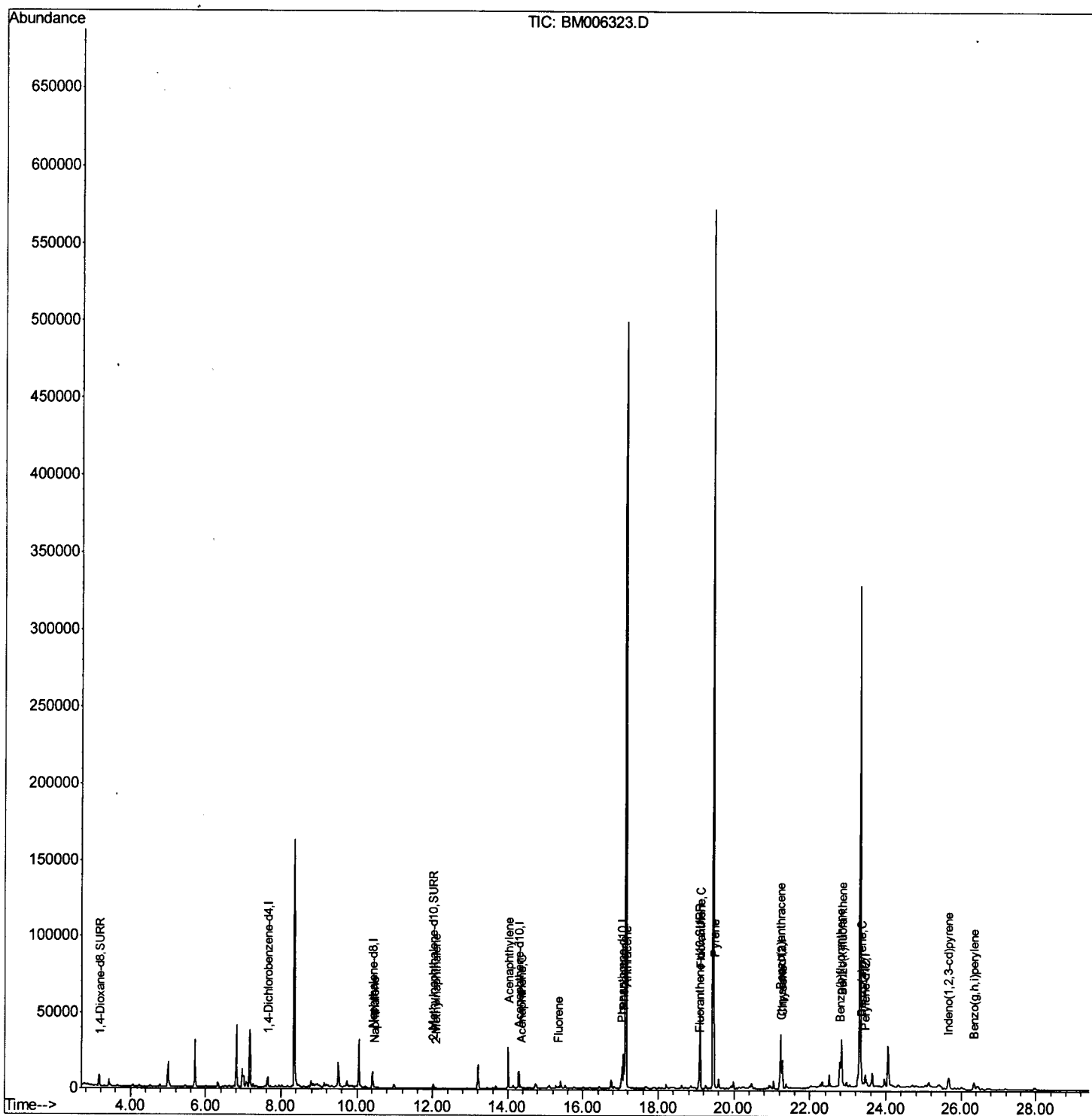
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integration

Quant Time: Jul 08 04:21:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

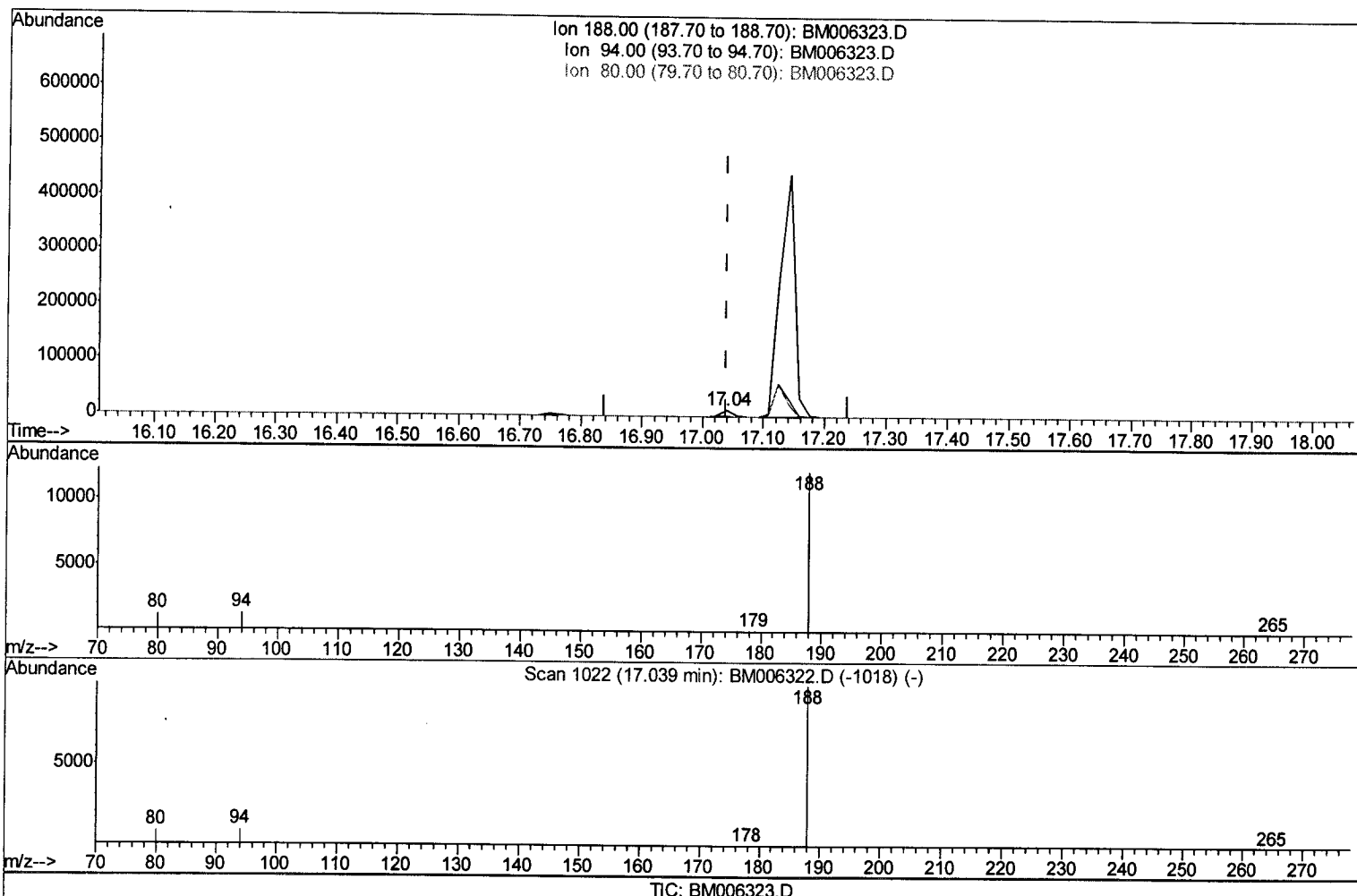
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integration

Quant Time: Jul 08 03:46:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
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(12) Phenanthrene-d10 (I)

17.039min (-0.000) 0.40ng/ul m

response 17607

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.78
80.00	11.90	10.17
0.00	0.00	0.00

U.M
 07/12/16

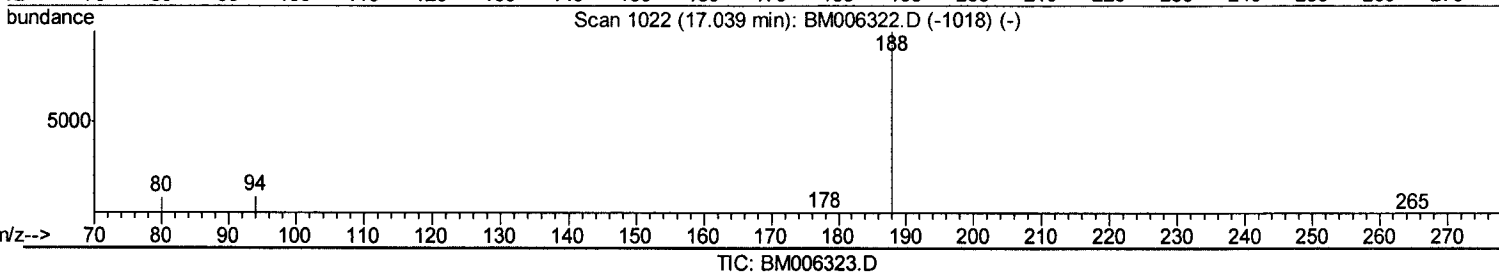
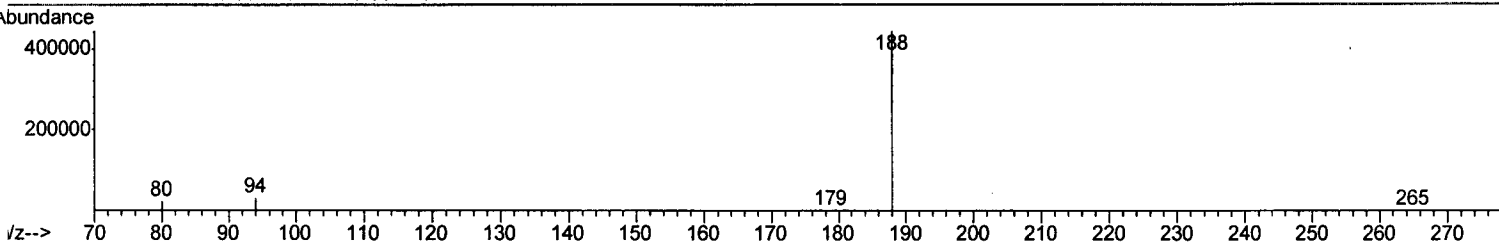
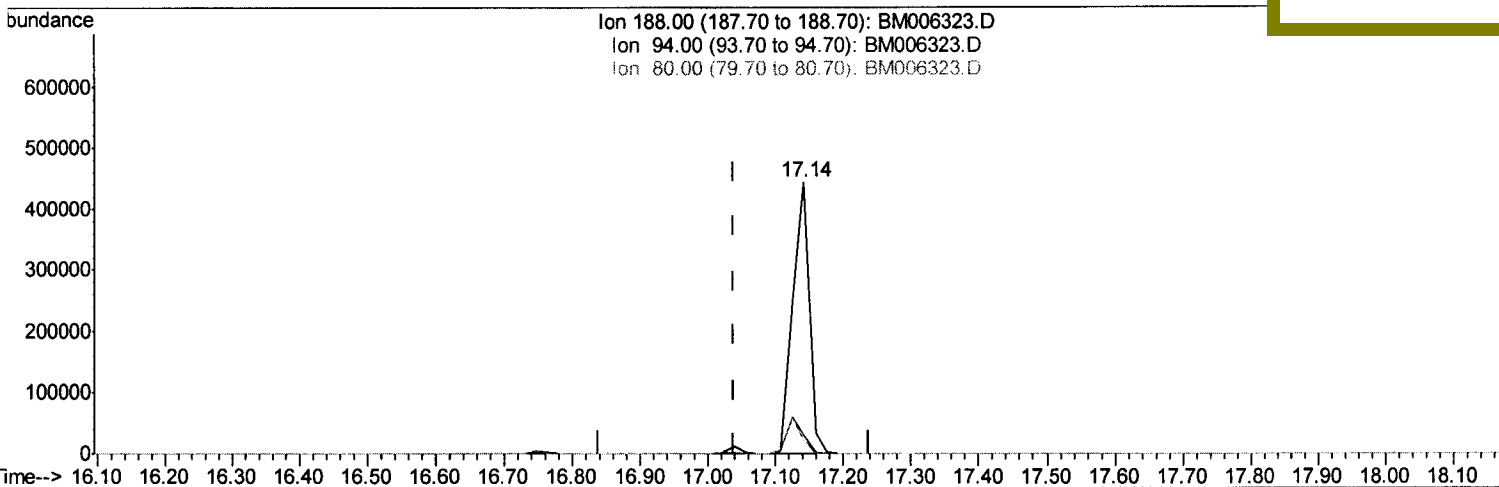
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 751810

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.01#
80.00	11.90	5.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

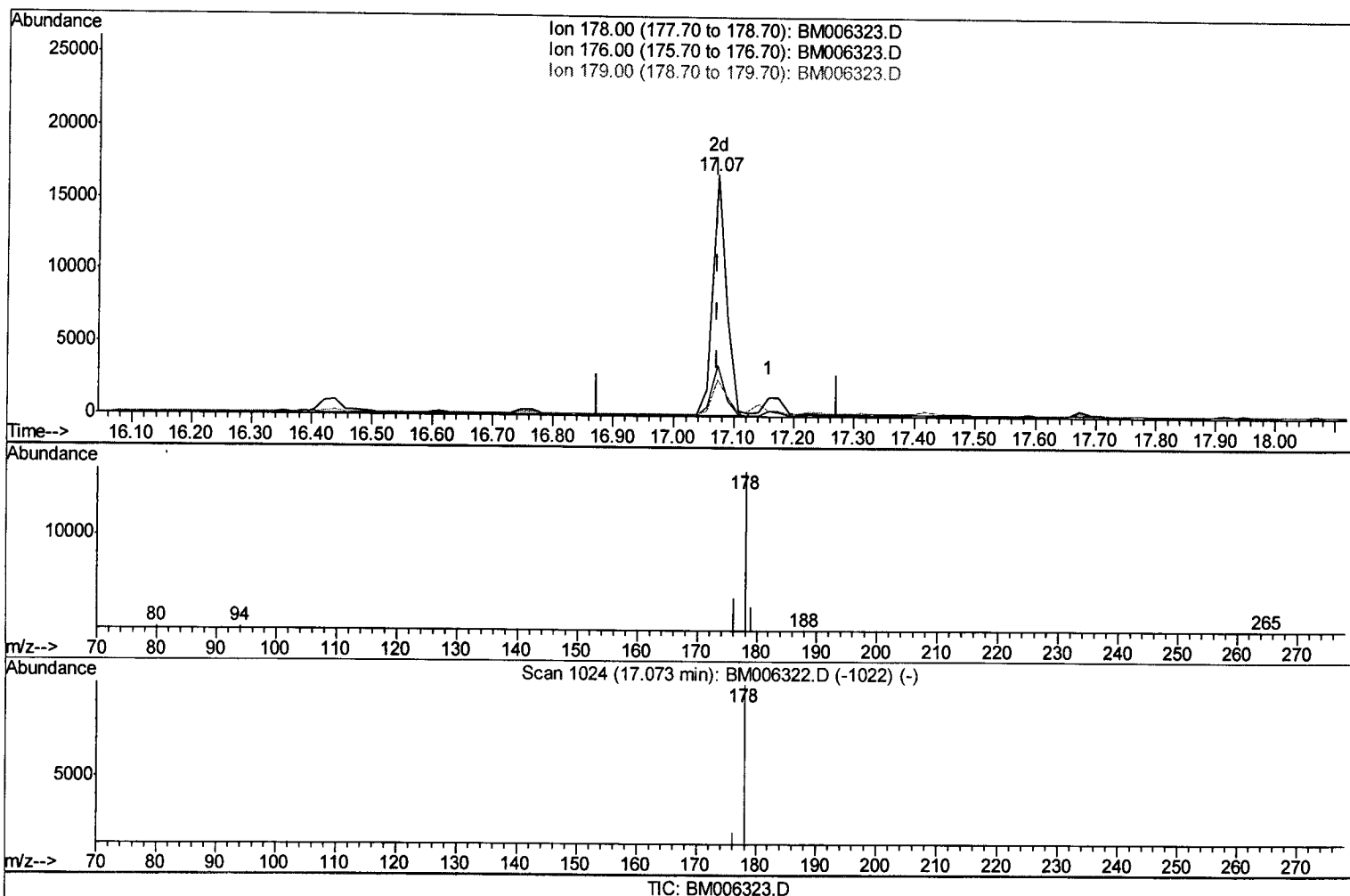
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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Instrument :
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 ClientSampleId :
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Manual Integration

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Quant Time: Jul 08 04:09:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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TIC: BM006323.D

(14) Phenanthrene

17.073min (-0.000) 0.54ng/ul m

response 26155

Ion Exp% Act%

178.00 100 100

176.00 16.20 20.84#

179.00 17.70 15.23

0.00 0.00 0.00

Quantitation Report (Qedit)

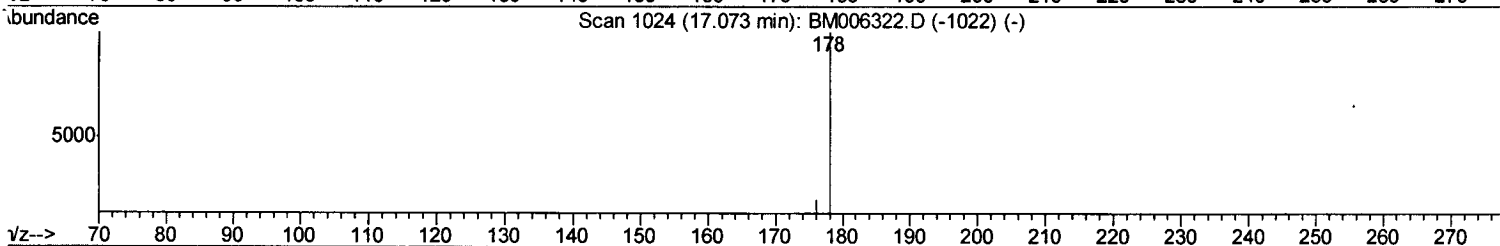
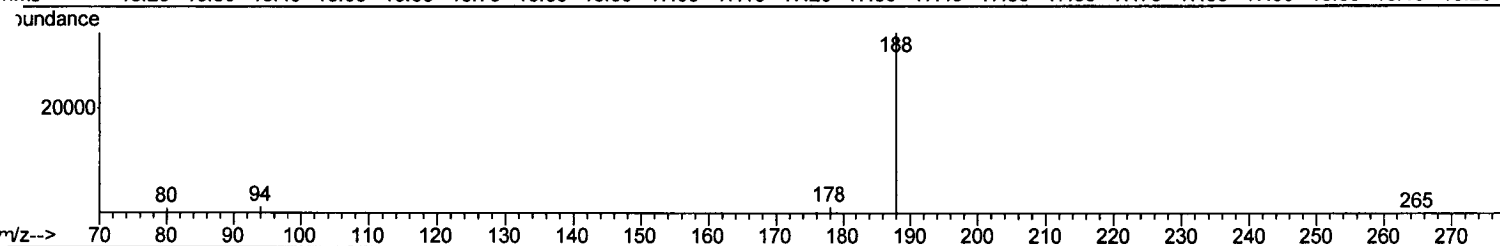
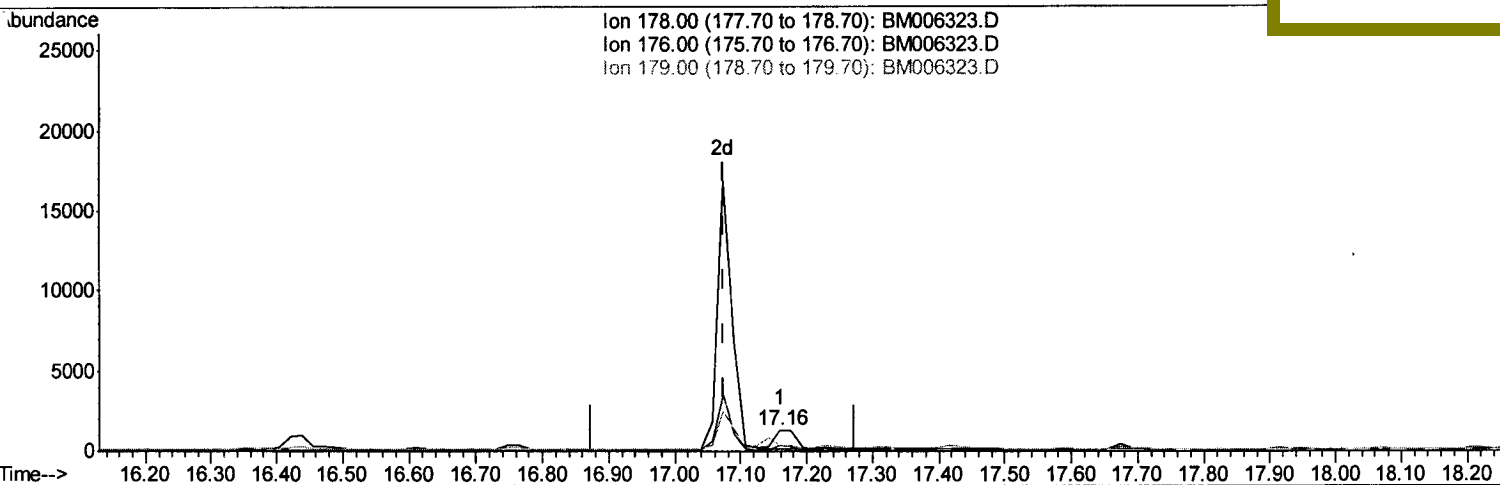
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TIC: BM006323.D

(14) Phenanthrene

17.159min (+0.086) 0.06ng/ul

response 2989

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	27.71#
179.00	17.70	29.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

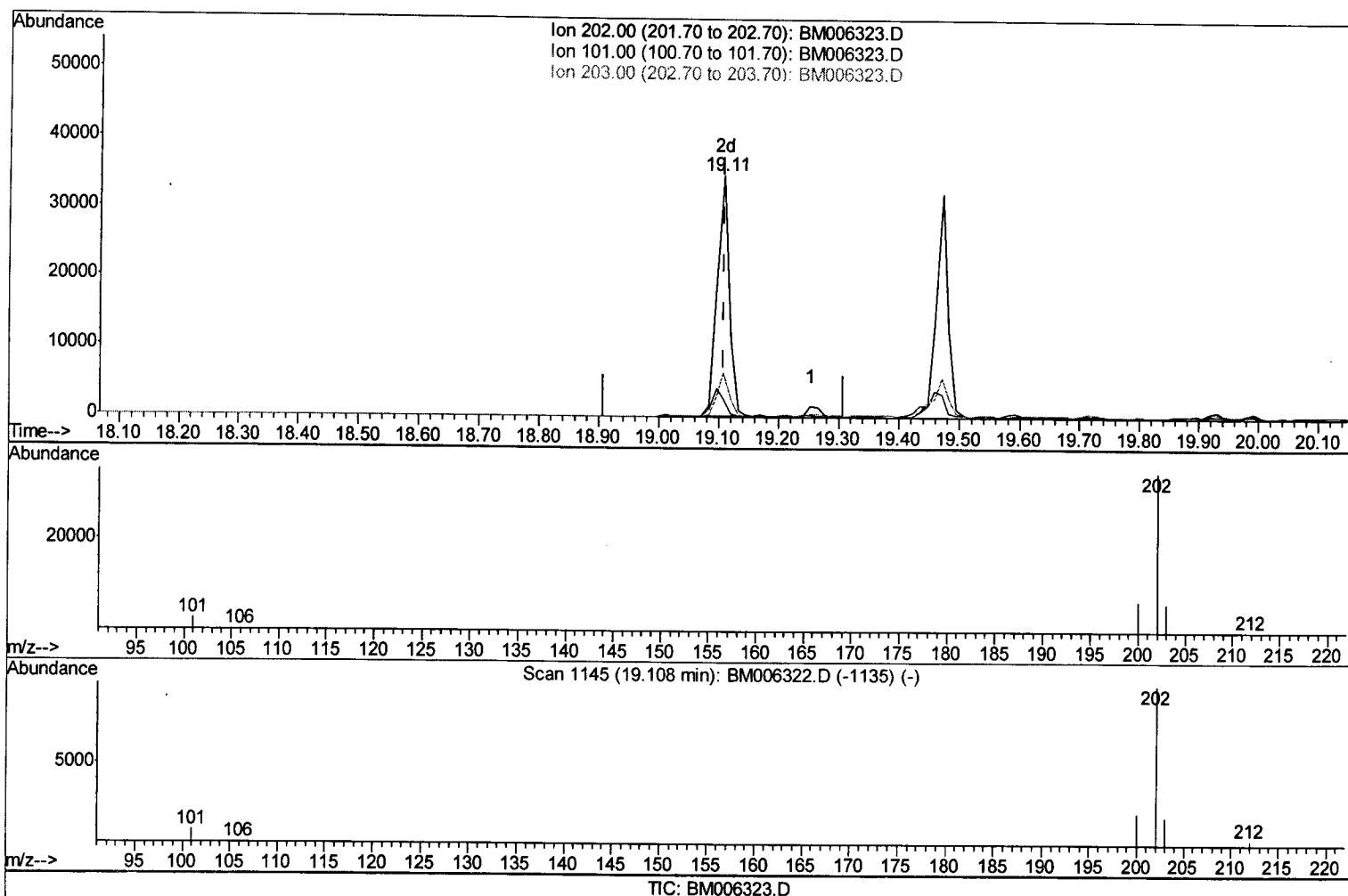
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(17) Fluoranthene (C)

19.108min (-0.000) 0.92ng/ul m

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response 49265

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	7.91
203.00	16.30	18.18
0.00	0.00	0.00

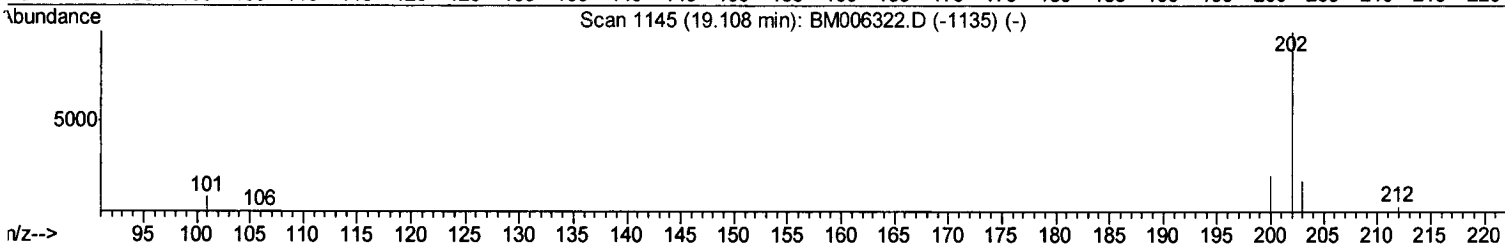
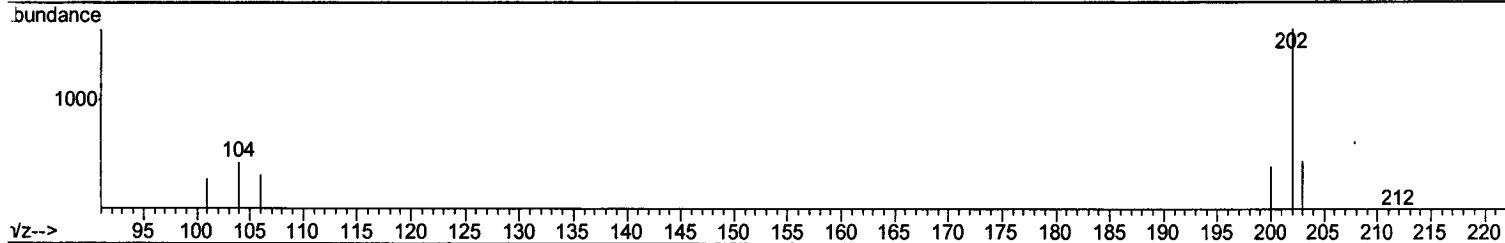
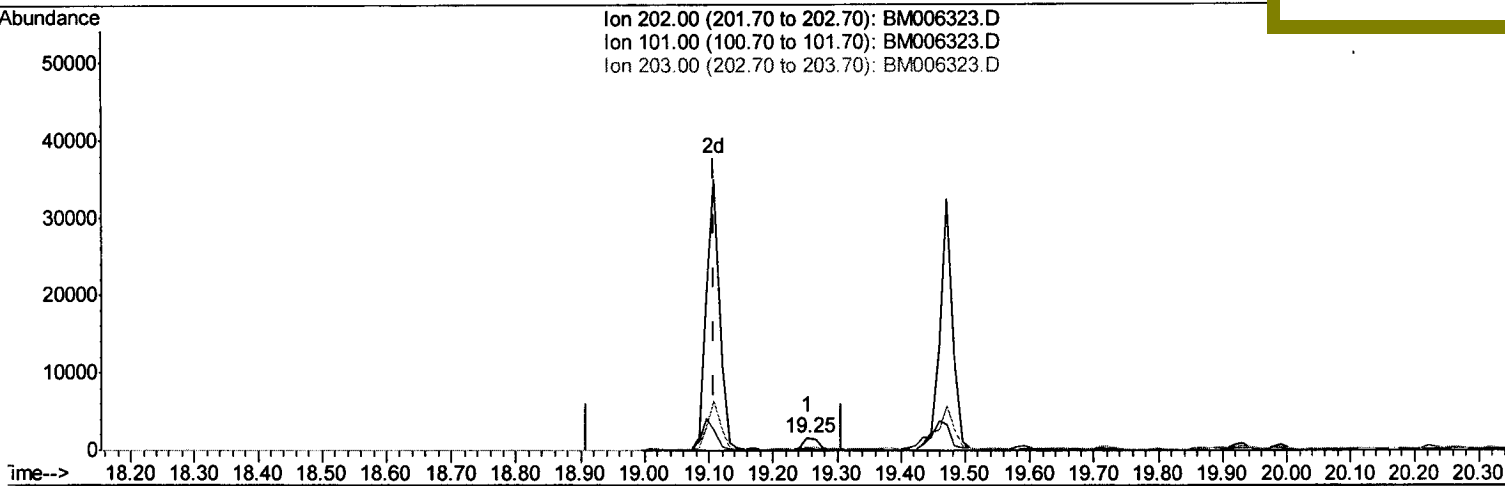
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006323.D
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Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM006323.D

(17) Fluoranthene (C)

19.253min (+0.145) 0.05ng/ul

response 2573

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	20.98
203.00	16.30	30.70
0.00	0.00	0.00

Quantitation Report (Qedit)

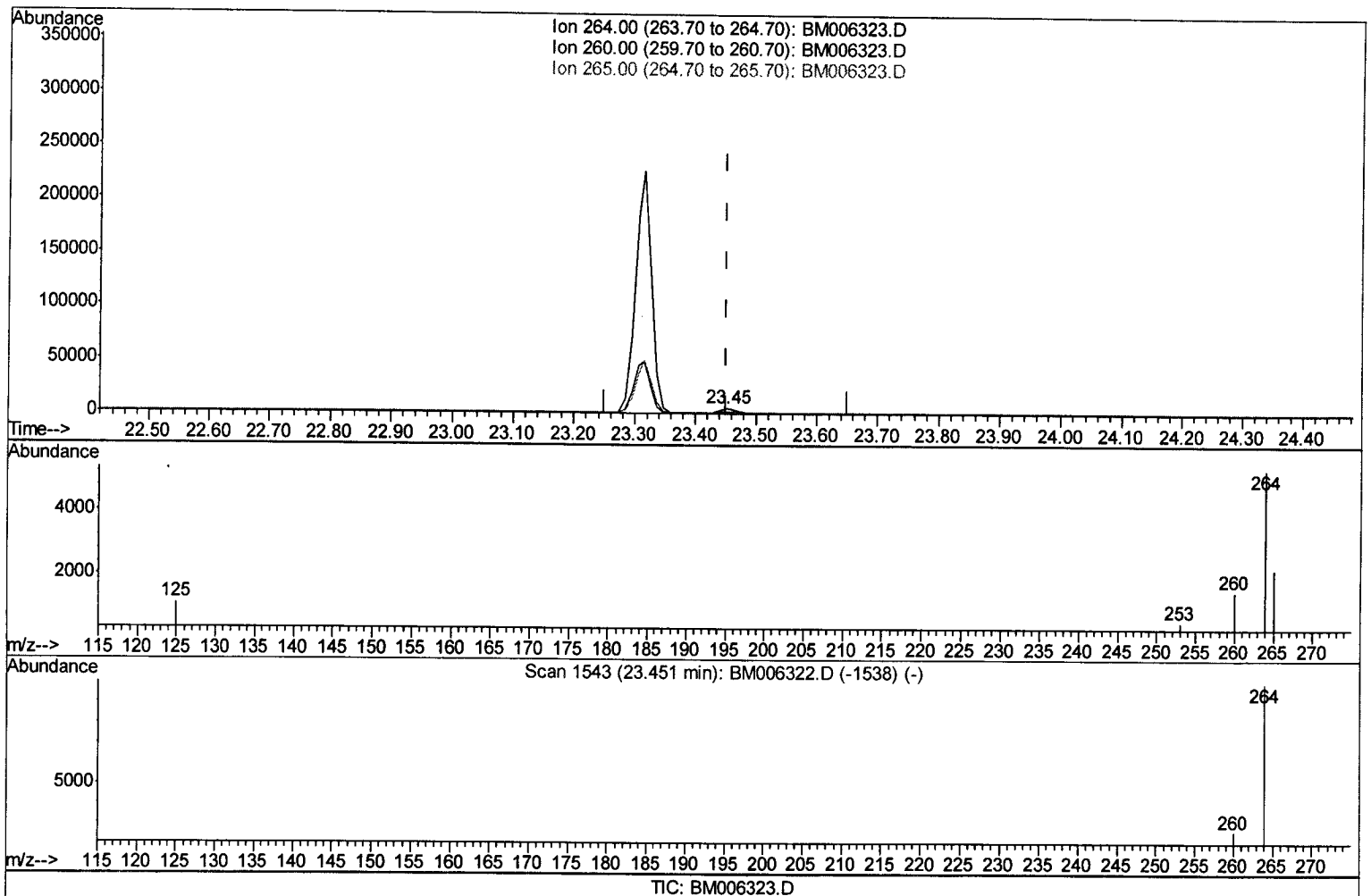
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 A4TX1

Manual Integration

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(22) Perylene-d12 (I)

23.451min (-0.000) 0.40ng/ul m

response 8853

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	28.25
265.00	38.20	41.47
0.00	0.00	0.00

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 07/12/16

Quantitation Report (Qedit)

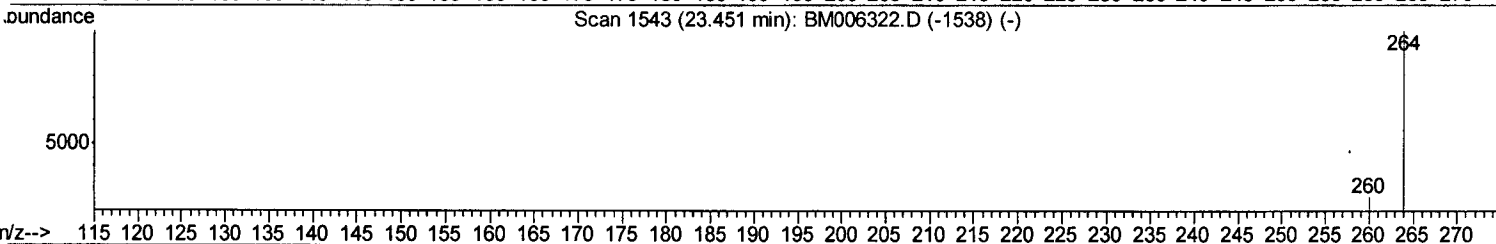
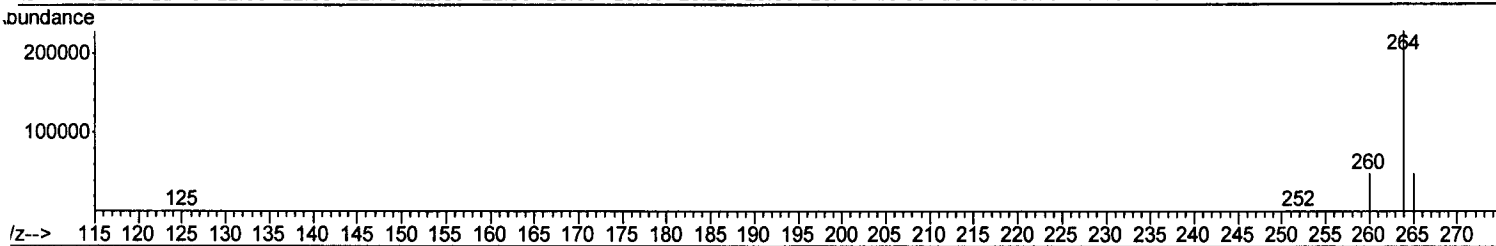
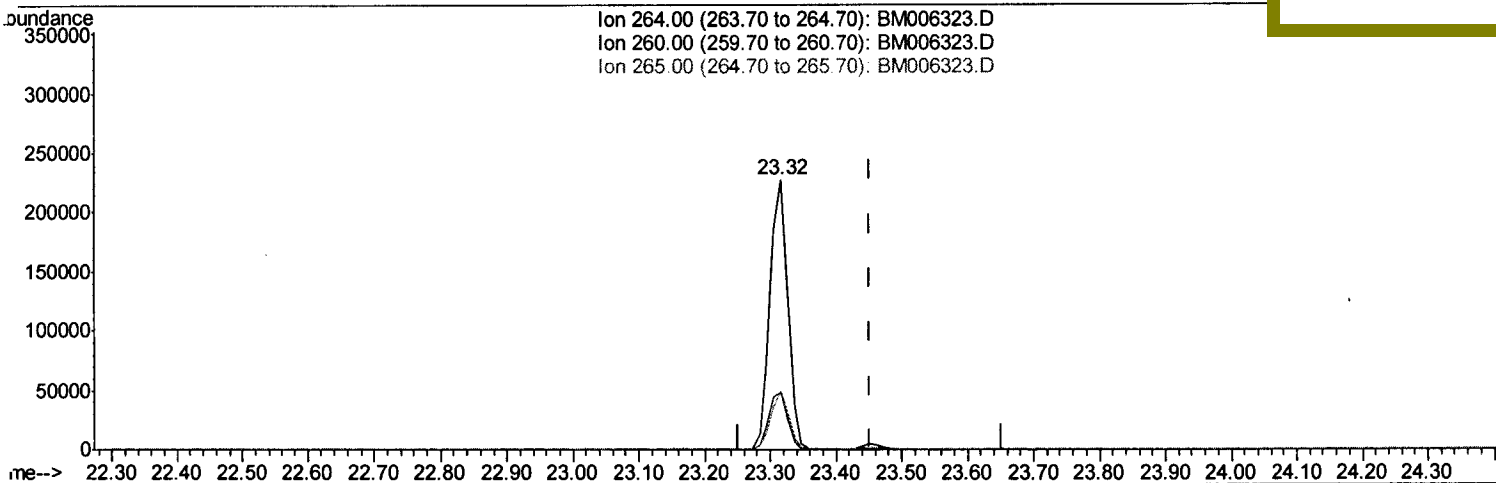
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Data File : BM006323.D
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Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TX1

Manual Integration

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TIC: BM006323.D

(22) Perylene-d12 (I)

23.316min (-0.136) 0.40ng/ul

response 420977

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.50
265.00	38.20	21.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

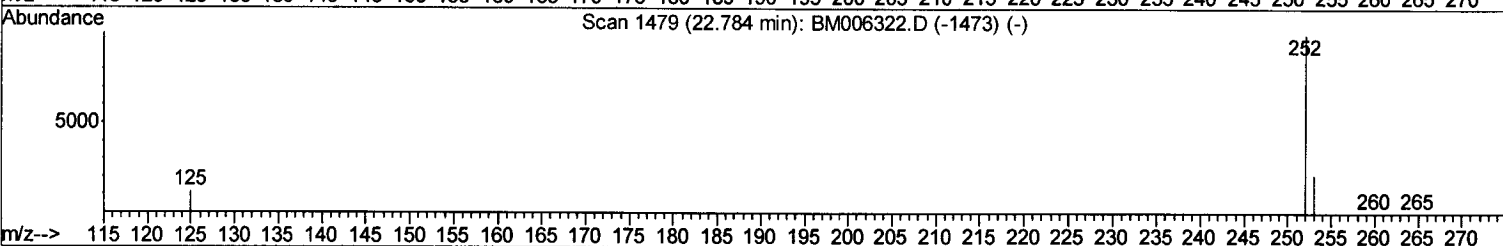
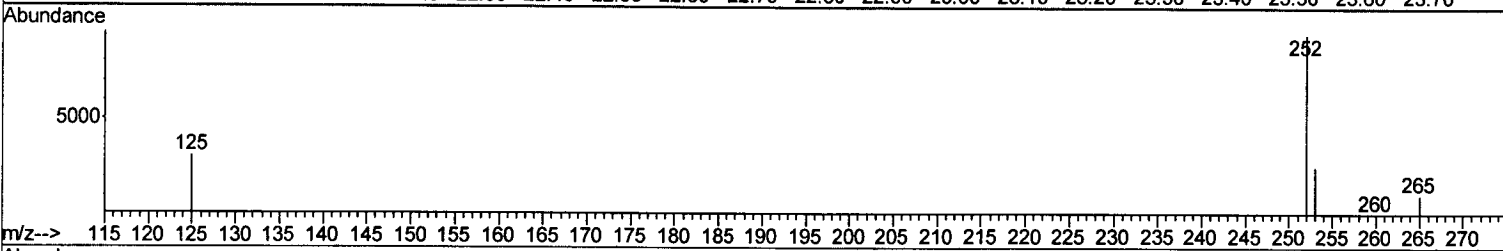
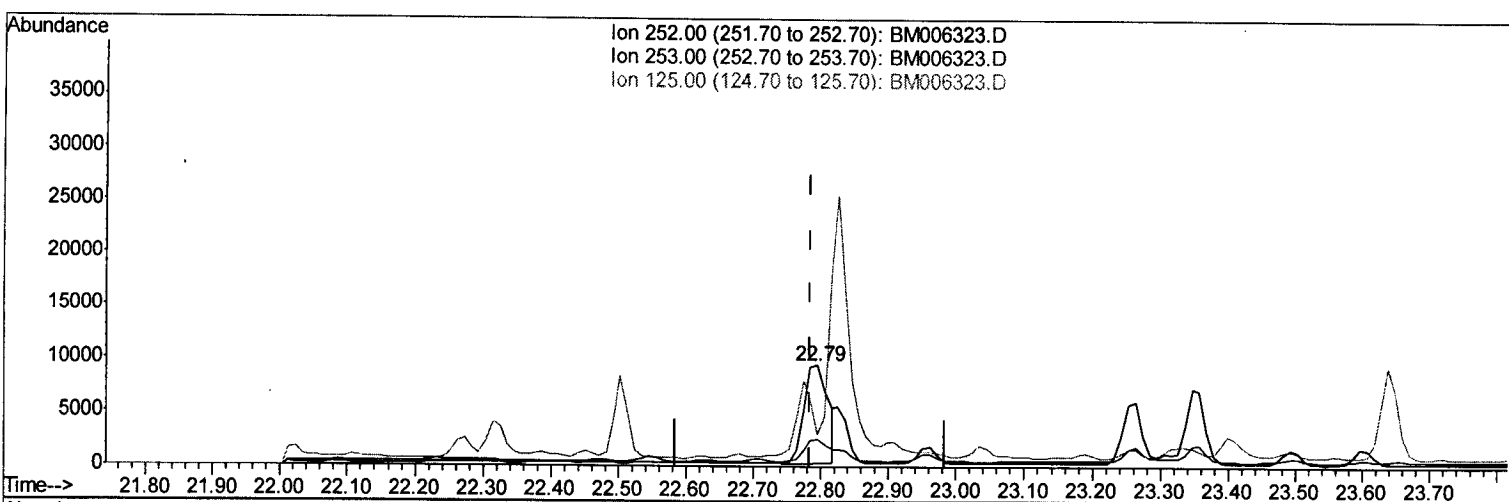
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integration

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Quant Time: Jul 08 04:11:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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(23) Benzo(b)fluoranthene

22.794min (+0.010) 0.72ng/ul m

response 22817

Ion Exp% Act%

252.00 100 100

253.00 22.70 26.66

125.00 14.40 32.23#

0.00 0.00 0.00

U.M
 07/12/16

Quantitation Report (Qedit)

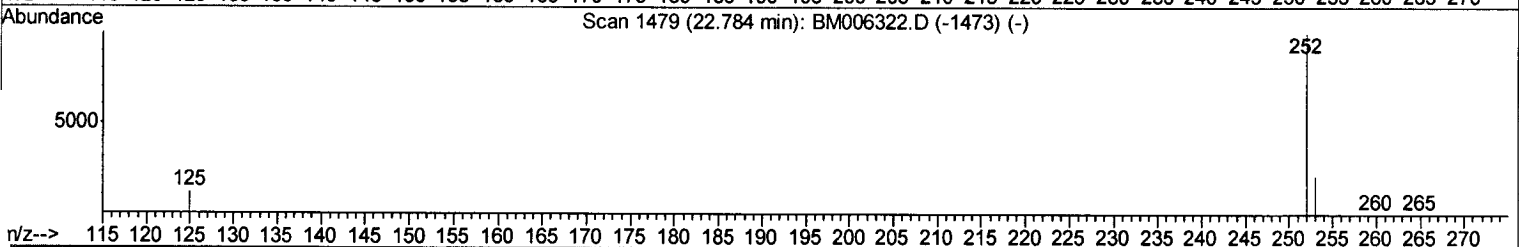
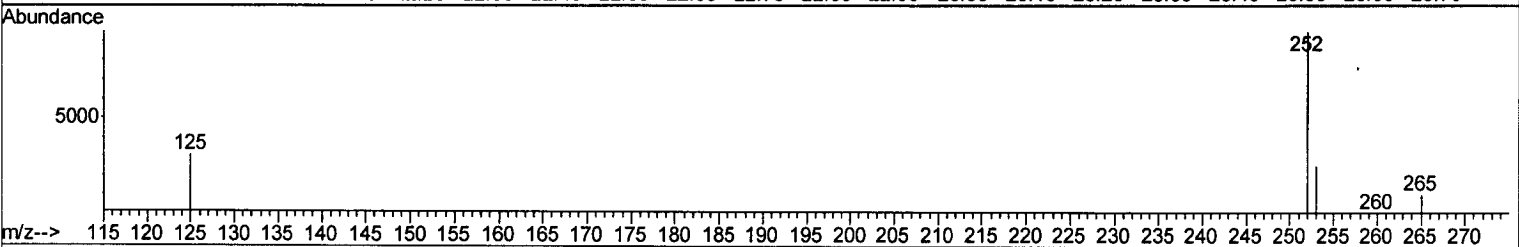
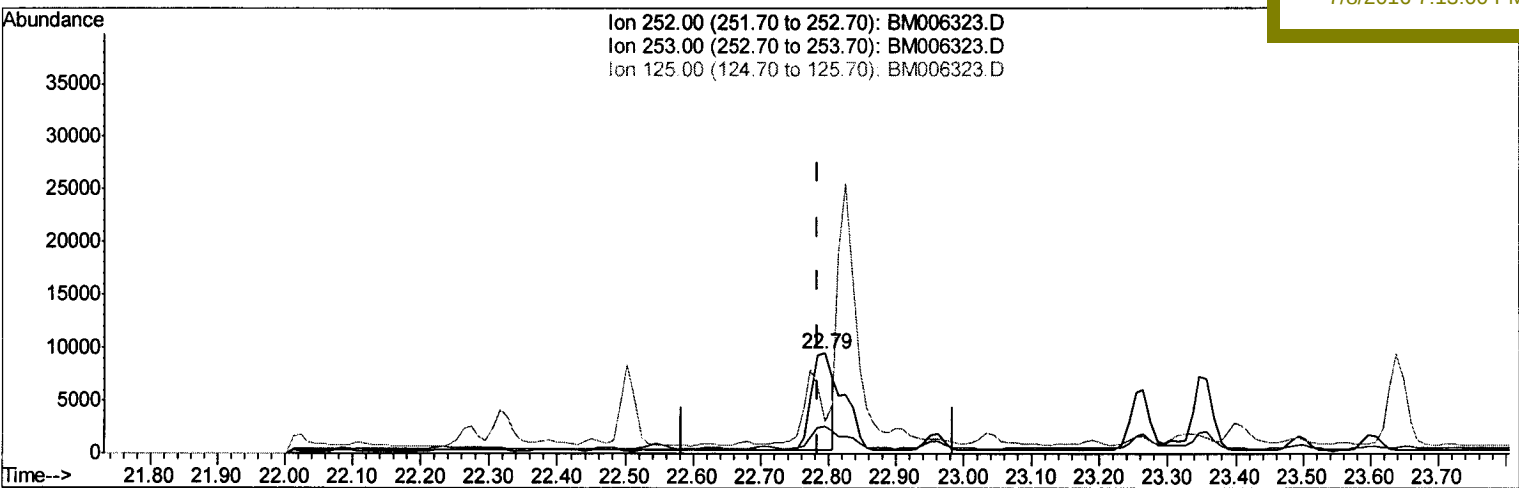
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
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 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

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TIC: BM006323.D

(23) Benzo(b)fluoranthene

22.794min (+0.010) 0.62ng/ul

response 19531

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.66
125.00	14.40	32.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

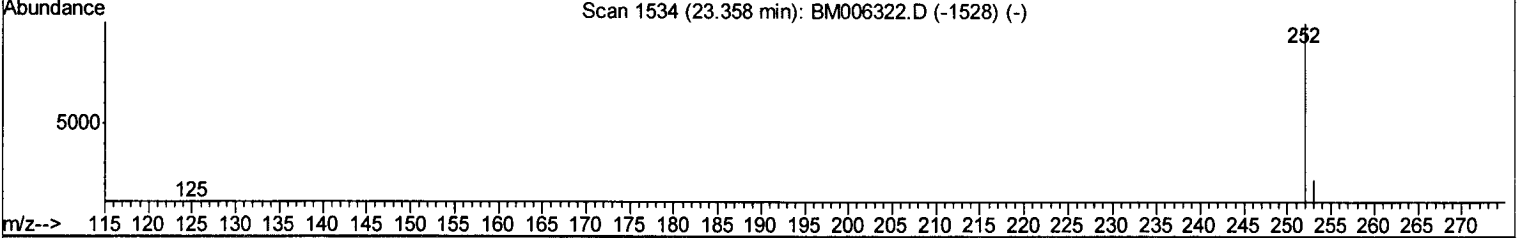
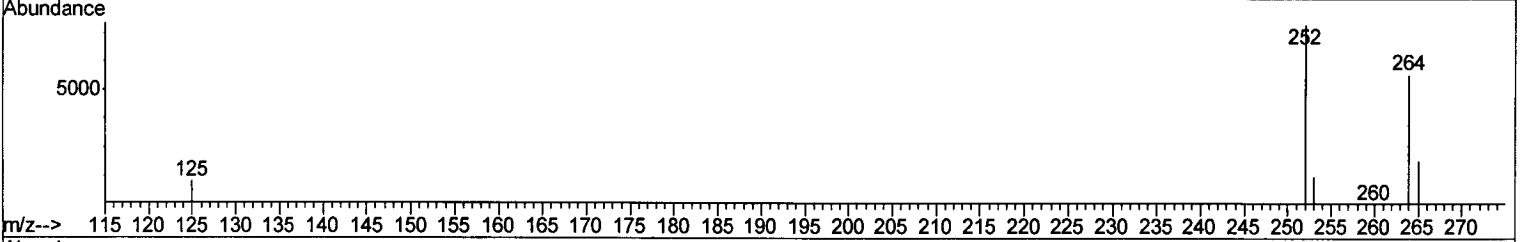
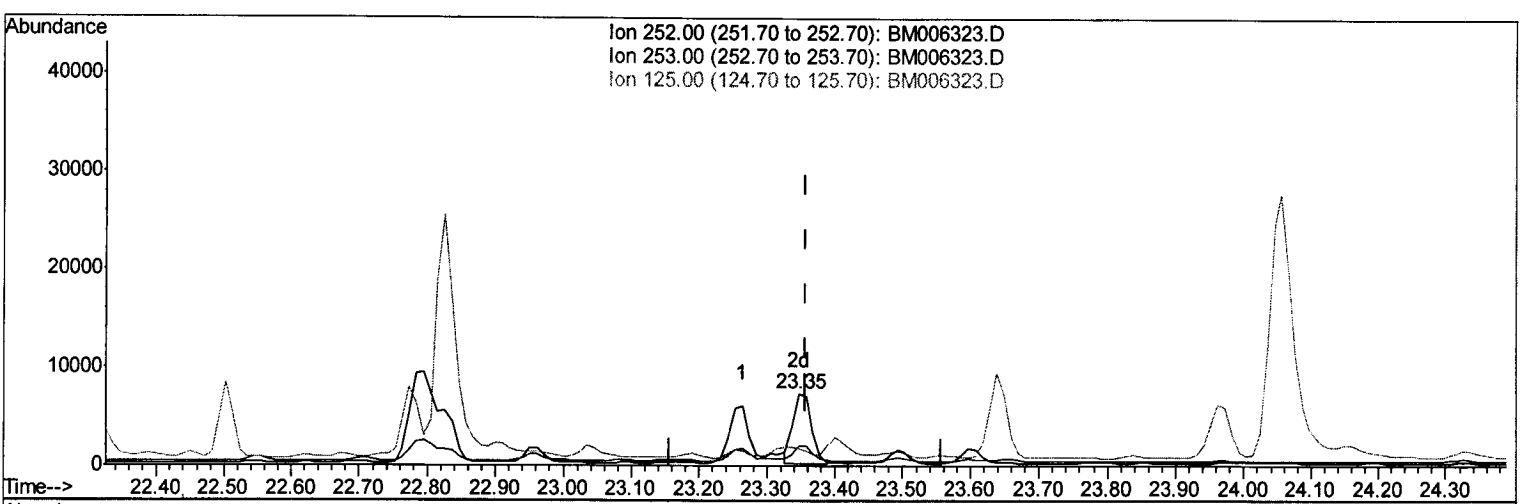
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Manual Integration

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TIC: BM006323.D

(25) Benzo(a)pyrene (C)

23.347min (-0.011) 0.46ng/ul m U.M

response 13513

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	27.05
125.00	15.90	24.60#
0.00	0.00	0.00

07/12/16

Quantitation Report (Qedit)

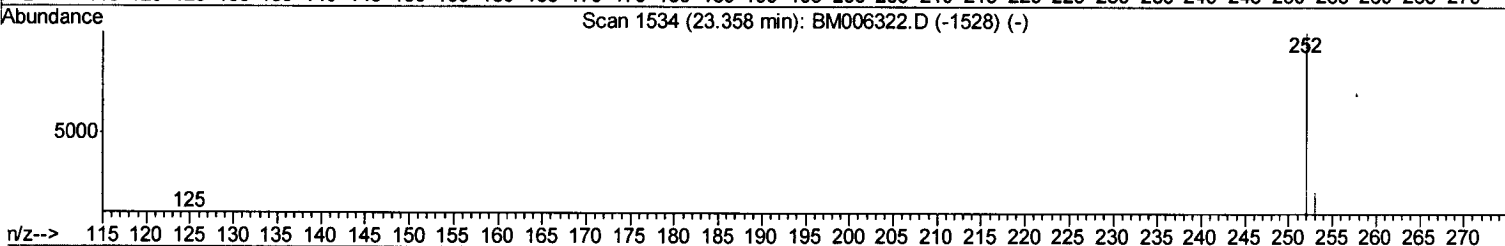
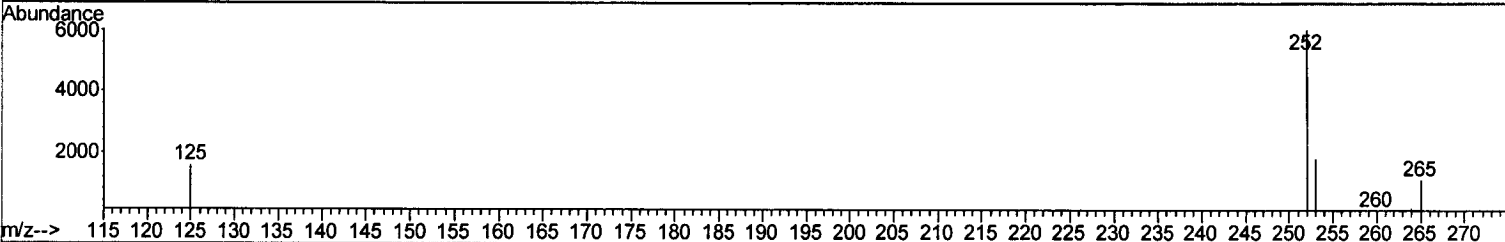
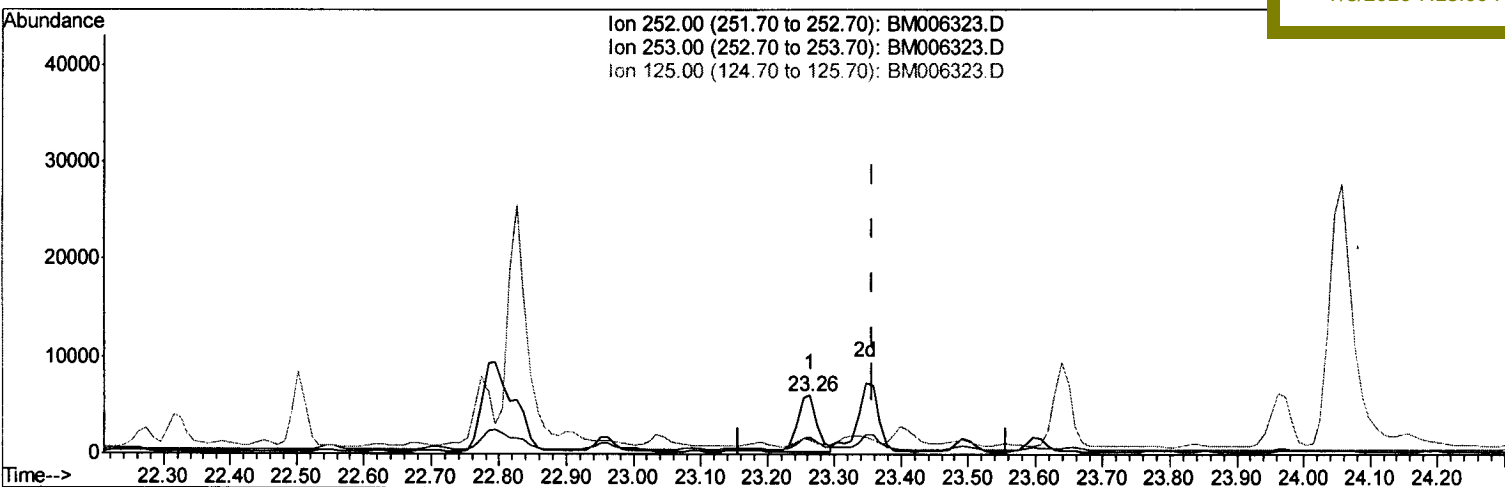
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TIC: BM006323.D

(25) Benzo(a)pyrene (C)

23.264min (-0.094) 0.40ng/ul

response 11685

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	30.08#
125.00	15.90	26.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

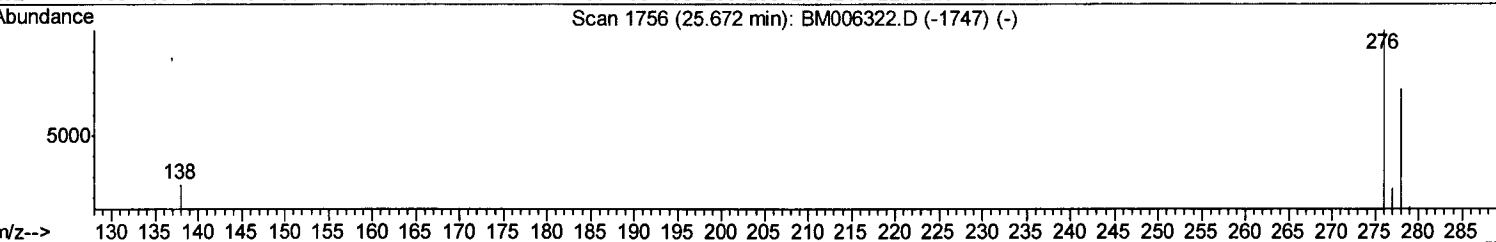
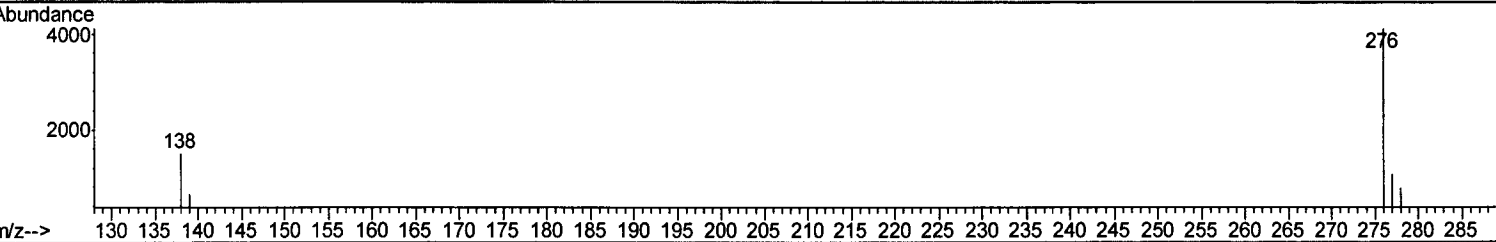
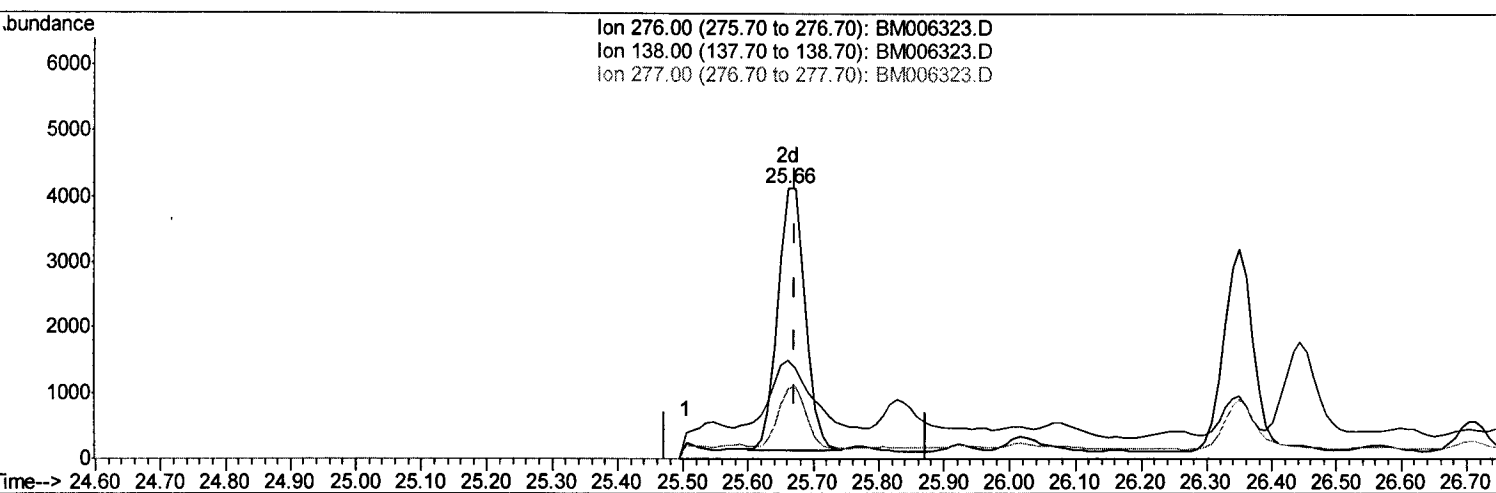
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(26) Indeno(1,2,3-cd)pyrene

25.661min (-0.011) 0.36ng/ul m

response 11652

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

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 07/12/16

Quantitation Report (Qedit)

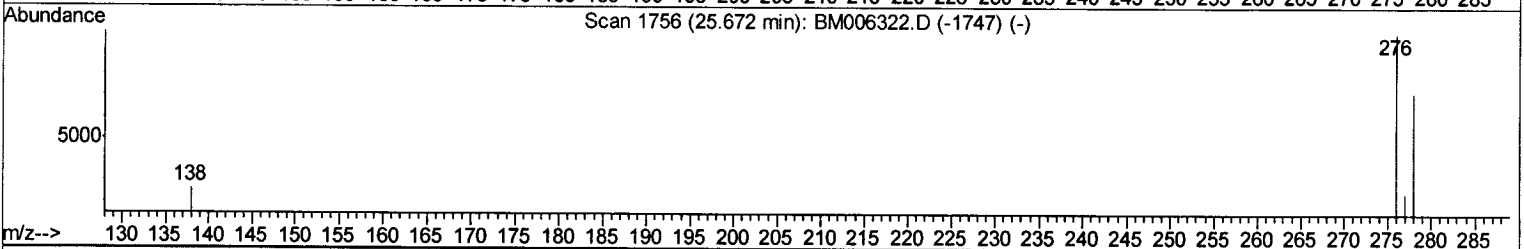
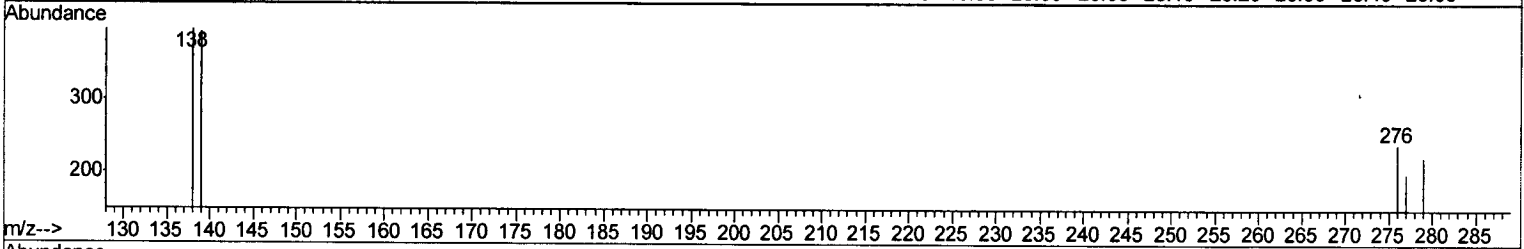
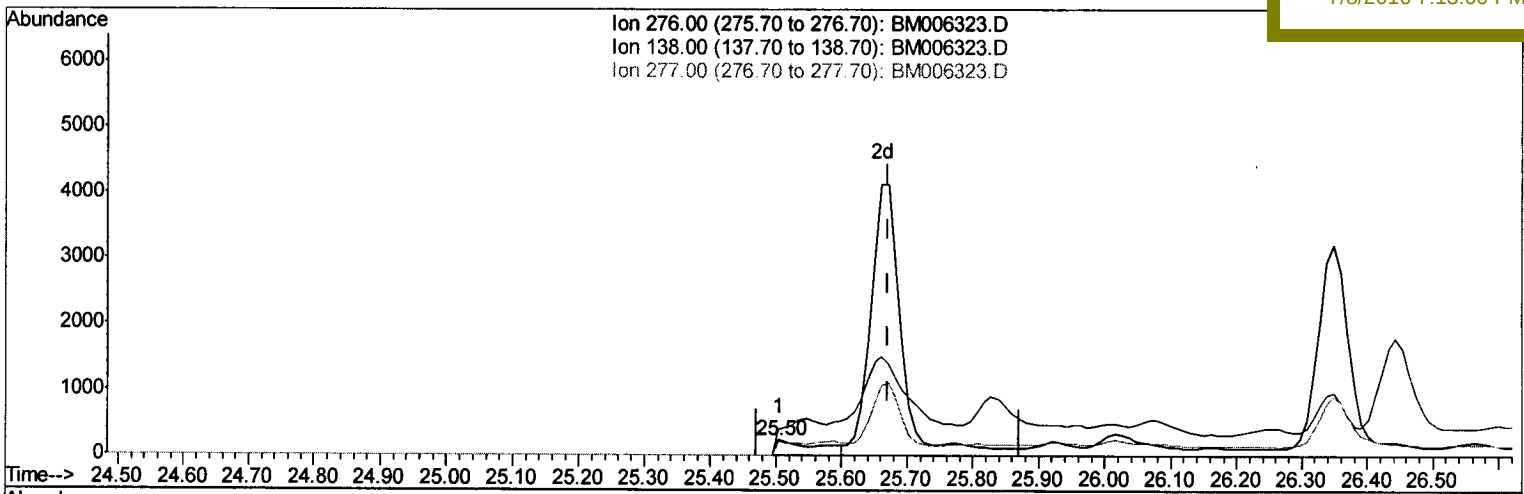
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(26) Indeno(1,2,3-cd)pyrene

25.505min (-0.167) 0.03ng/ul

response 1030

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

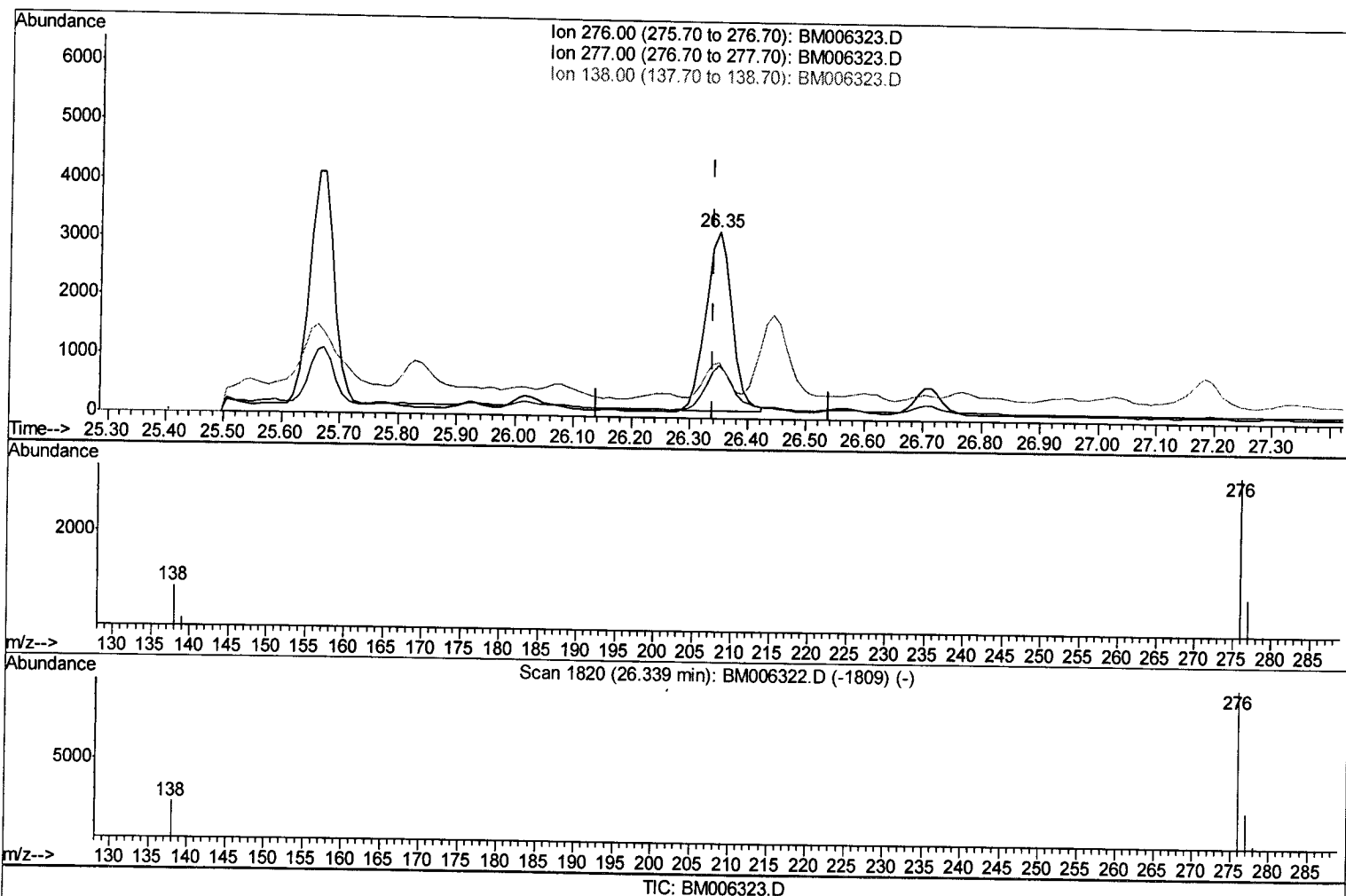
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(28) Benzo(g,h,i)perylene

26.349min (+0.010) 0.34ng/ul m

response 9527

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	27.95
138.00	28.10	29.60
0.00	0.00	0.00

U.M
 07/12/16

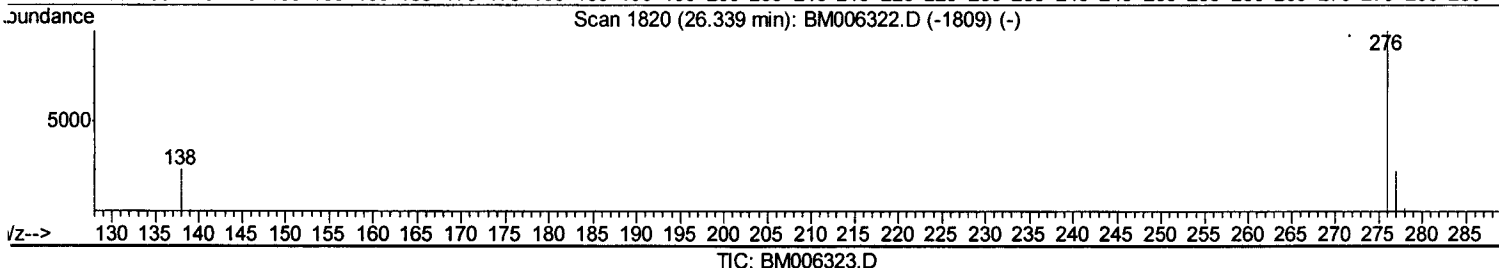
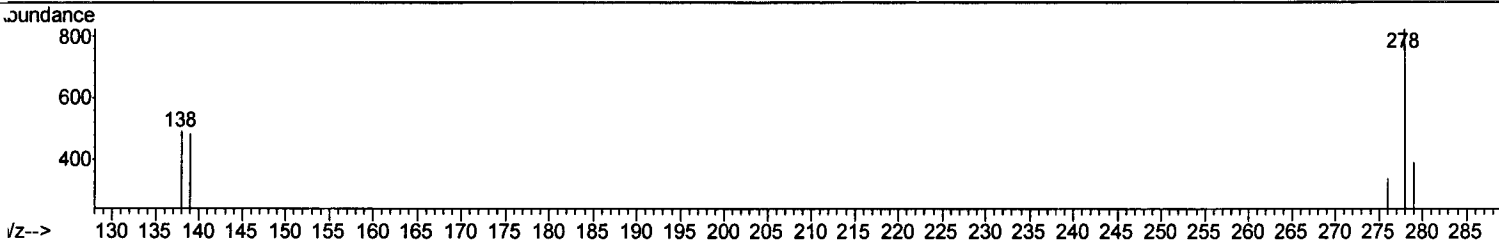
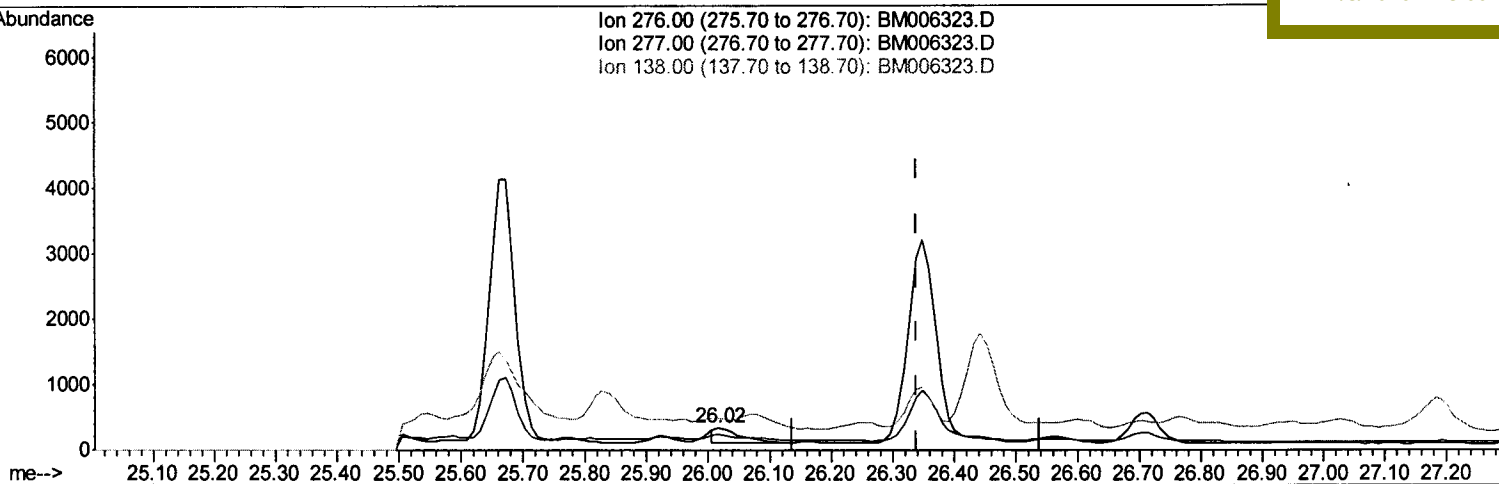
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006323.D
Acq On : 07 Jul 2016 17:28
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TX1

Manual Integration

umangi
7/8/2016 7:13:00 PM

Quant Time: Jul 08 04:11:24 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 03:28:13 2016
Response via : Initial Calibration



(28) Benzo(g,h,i)perylene

26.016min (-0.323) 0.02ng/ul

response 590

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	70.67#
138.00	28.10	144.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

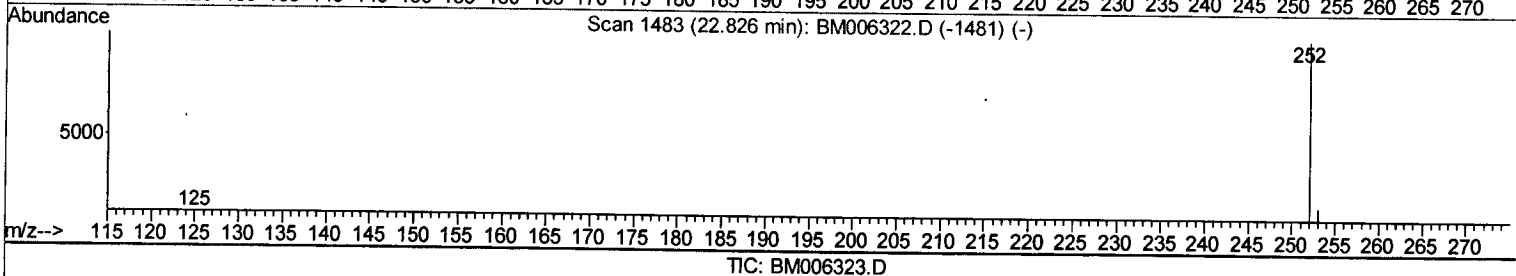
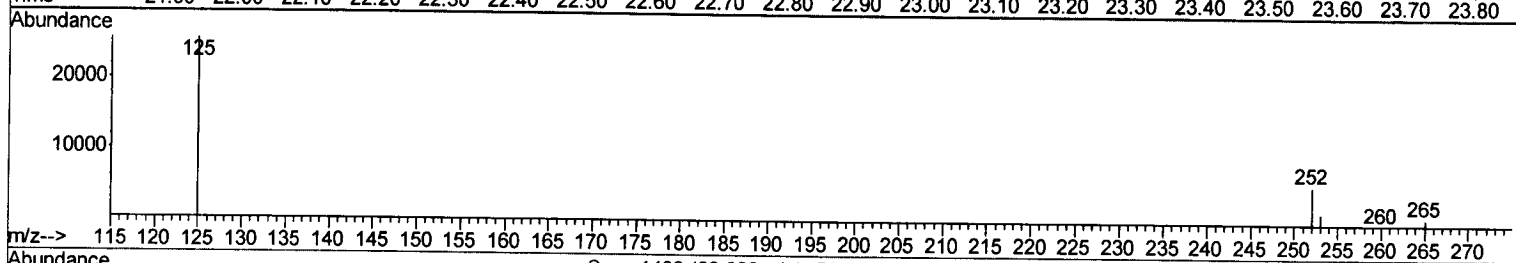
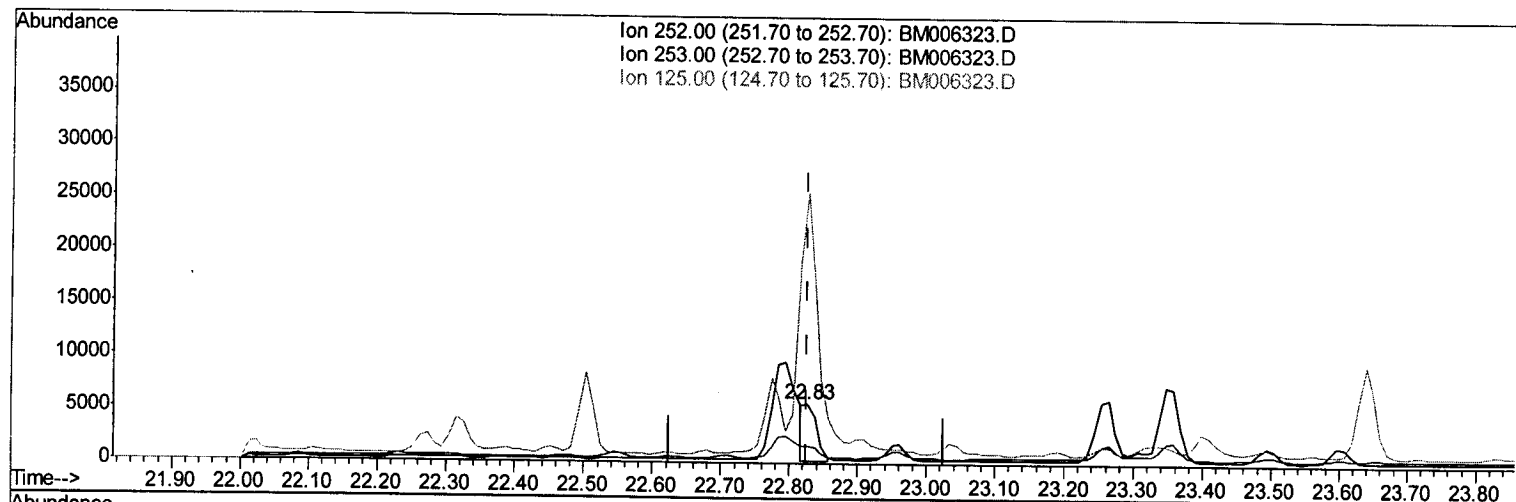
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integration

Quant Time: Jul 08 04:17:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

APPROVED
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(24) Benzo(k)fluoranthene

22.826min (-0.000) 0.24ng/ul m *U.M*

response 7050

07/12/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.96#
125.00	13.00	457.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

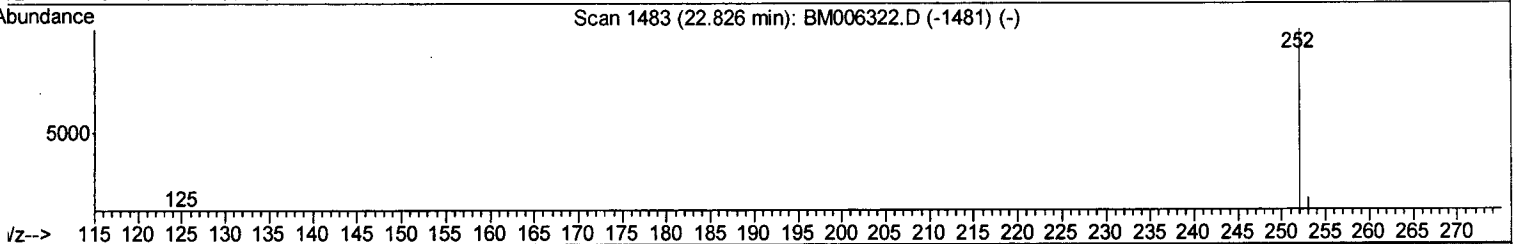
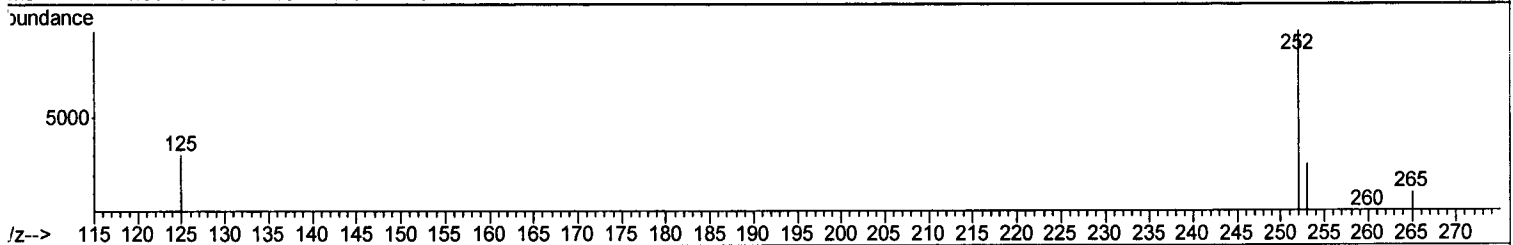
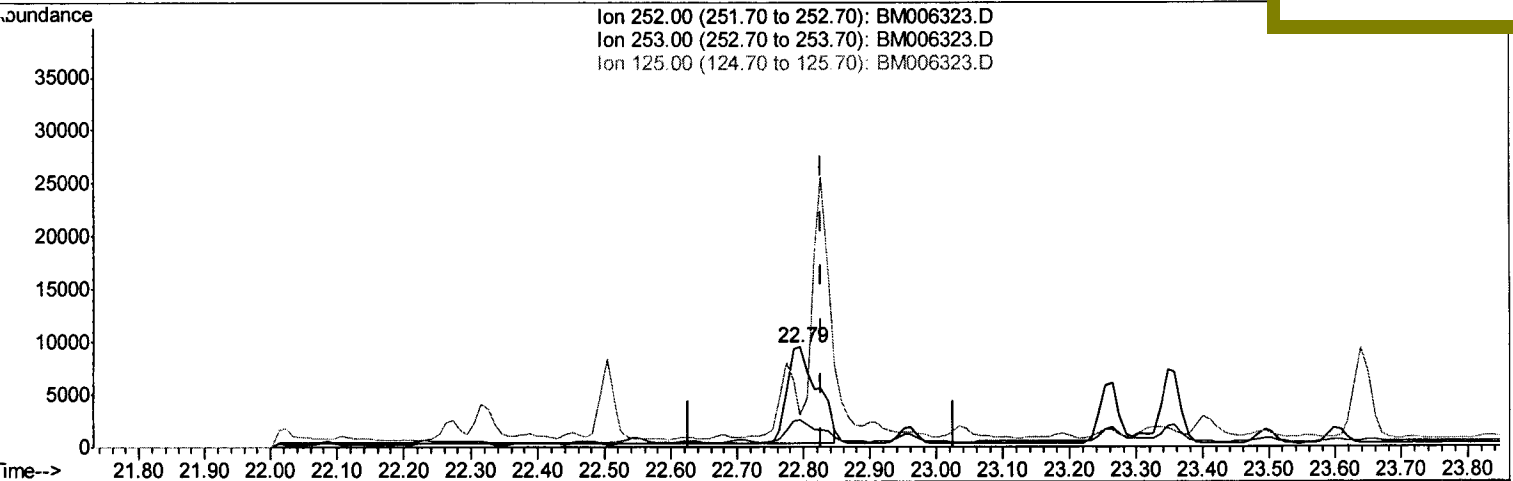
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integration

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 7/8/2016 7:13:00 PM

Quant Time: Jul 08 04:17:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration



TIC: BM006323.D

(24) Benzo(k)fluoranthene

22.794min (-0.031) 1.00ng/ul

response 29493

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.66
125.00	13.00	32.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Quant Time: Jul 08 04:21:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

Manual Integration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4024	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	16058	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	8908	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	17607m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	11050	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	8853m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	5711	3.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	4682	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	8149	0.22	ng/ul	0.00

Target Compounds

						Ovalue
5) Naphthalene	10.48	128	841	0.02	ng/ul#	66
7) 2-Methylnaphthalene	12.09	142	388	0.02	ng/ul	99
9) Acenaphthylene	14.01	152	3137	0.10	ng/ul#	95
10) Acenaphthene	14.35	153	626	0.02	ng/ul#	71
11) Fluorene	15.34	166	1005	0.03	ng/ul#	79
14) Phenanthrene	17.07	178	26155m	0.54	ng/ul	
15) Anthracene	17.16	178	2956	0.07	ng/ul#	72
17) Fluoranthene	19.11	202	49265m	0.92	ng/ul	
19) Pyrene	19.47	202	44427	0.96	ng/ul	96
20) Benzo(a)anthracene	21.22	228	12263	0.34	ng/ul#	90
21) Chrysene	21.27	228	18455	0.53	ng/ul#	94
23) Benzo(b)fluoranthene	22.79	252	22817m	0.72	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	7050m	0.24	ng/ul	
25) Benzo(a)pyrene	23.35	252	13513m	0.46	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	11652m	0.36	ng/ul	
28) Benzo(a,h,i)perylene	26.35	276	9527m	0.34	ng/ul	

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