

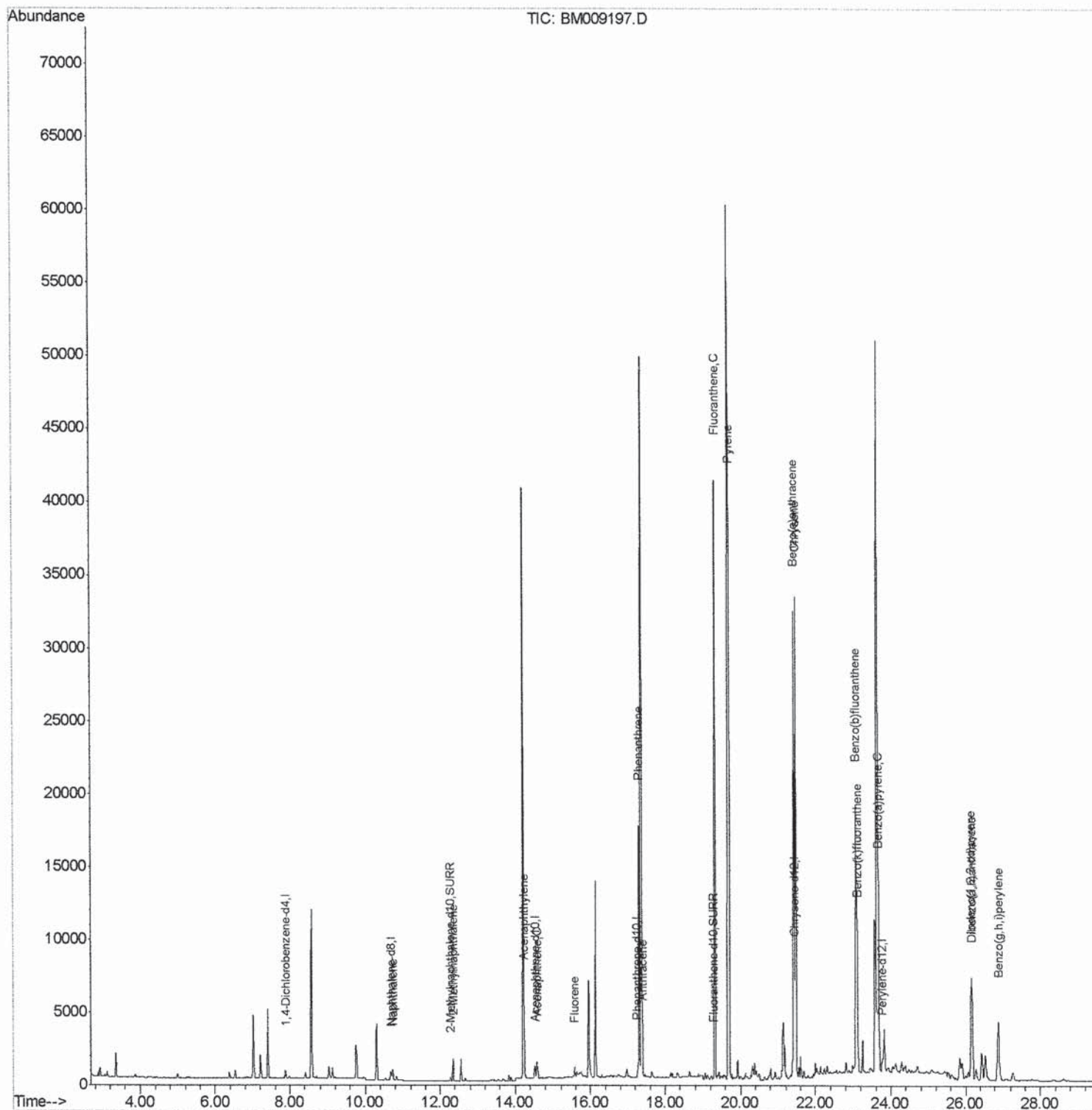
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:54:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

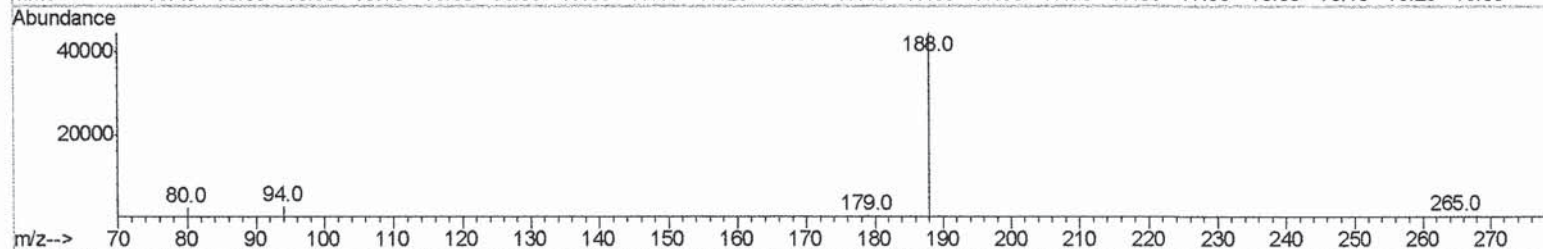
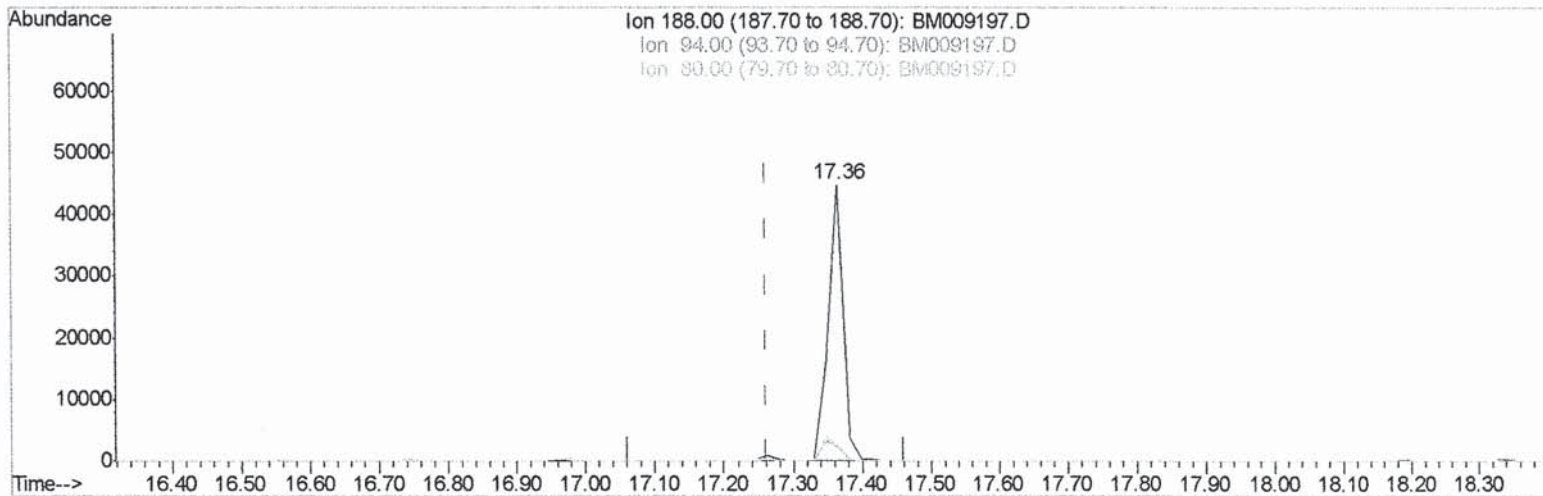
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0AK2

Manual Integrations
APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(10) Phenanthrene-d10 (I)
 17.365min (+0.103) 0.40ng/ul
 response 66472

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.27#
80.00	11.80	4.85#
0.00	0.00	0.00

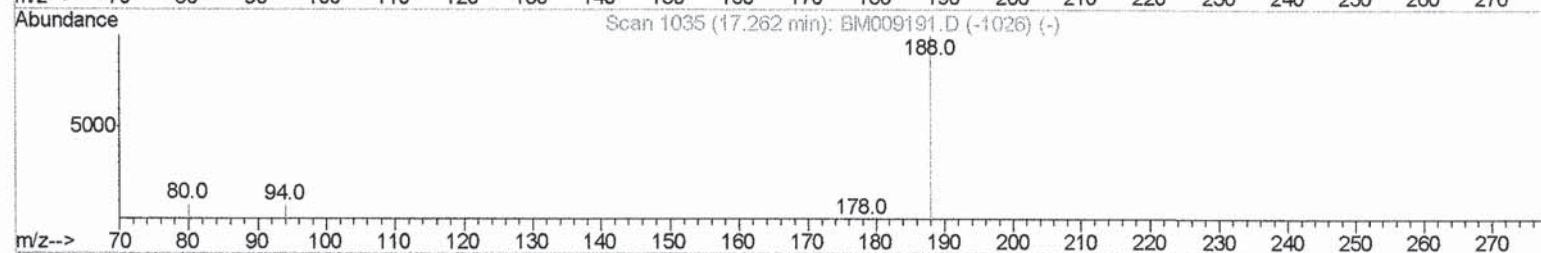
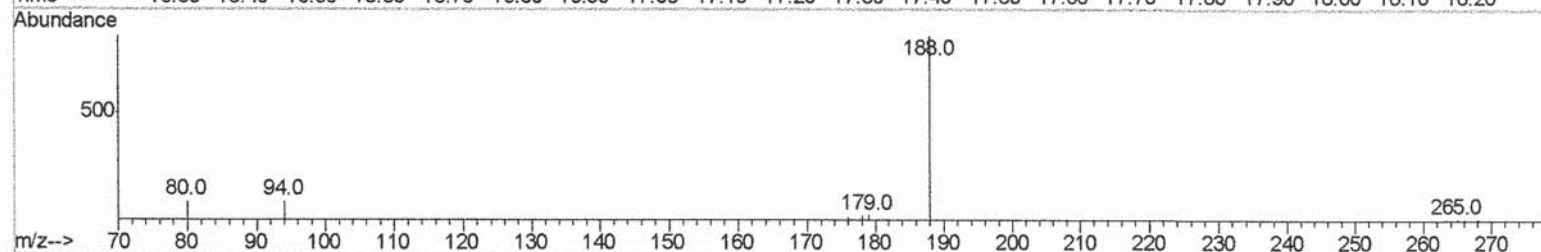
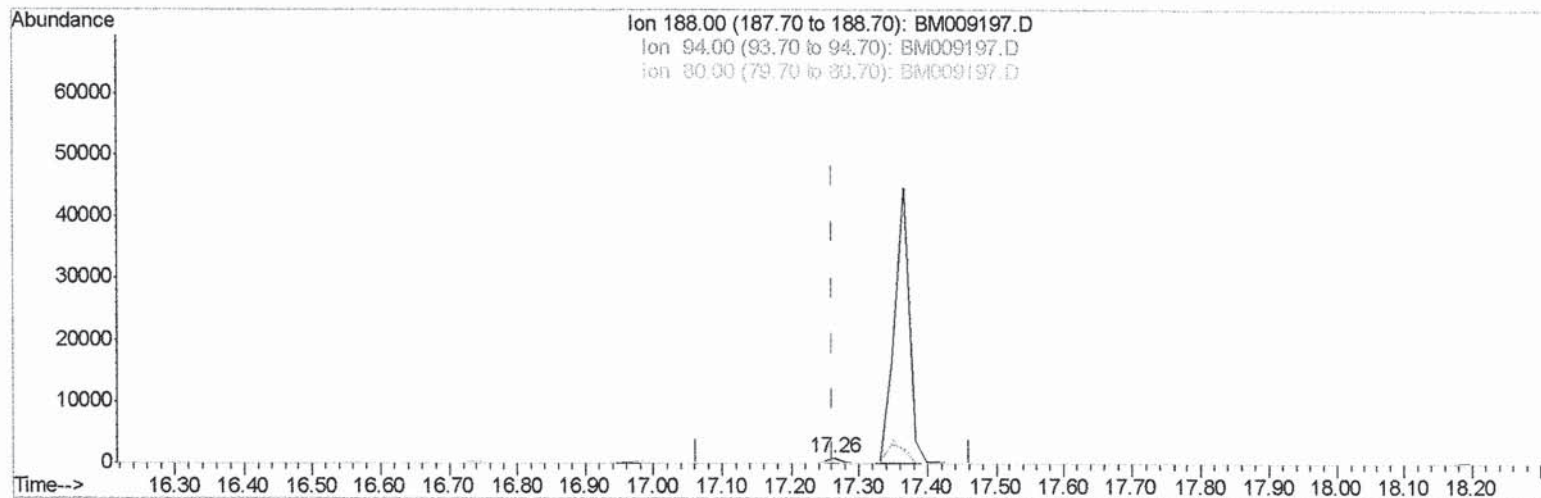
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(10) Phenanthrene-d10 (I)

17.262min (-0.000) 0.40ng/ul m

response 1135

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.61#
80.00	11.80	14.86#
0.00	0.00	0.00

SJ
03/13/17

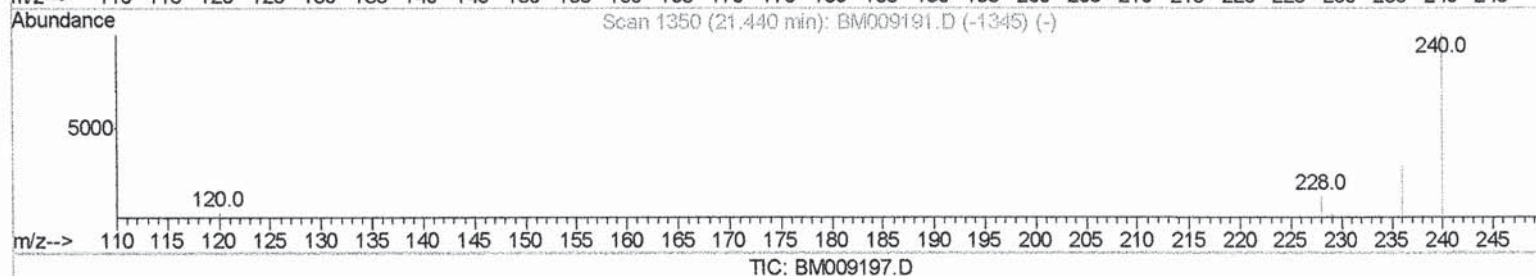
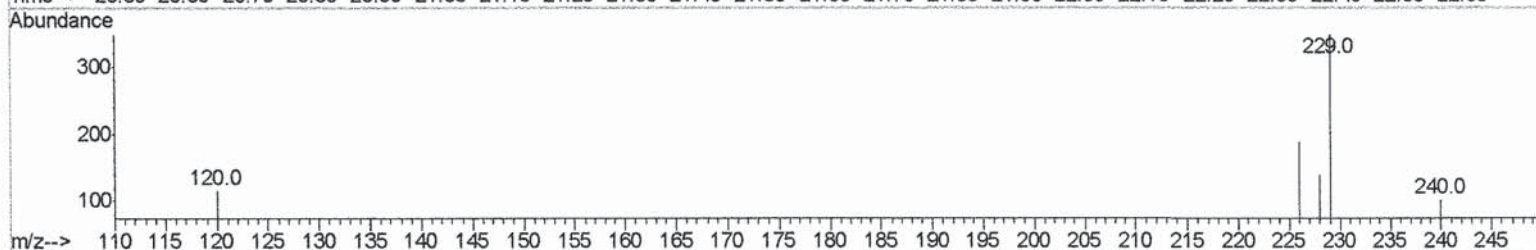
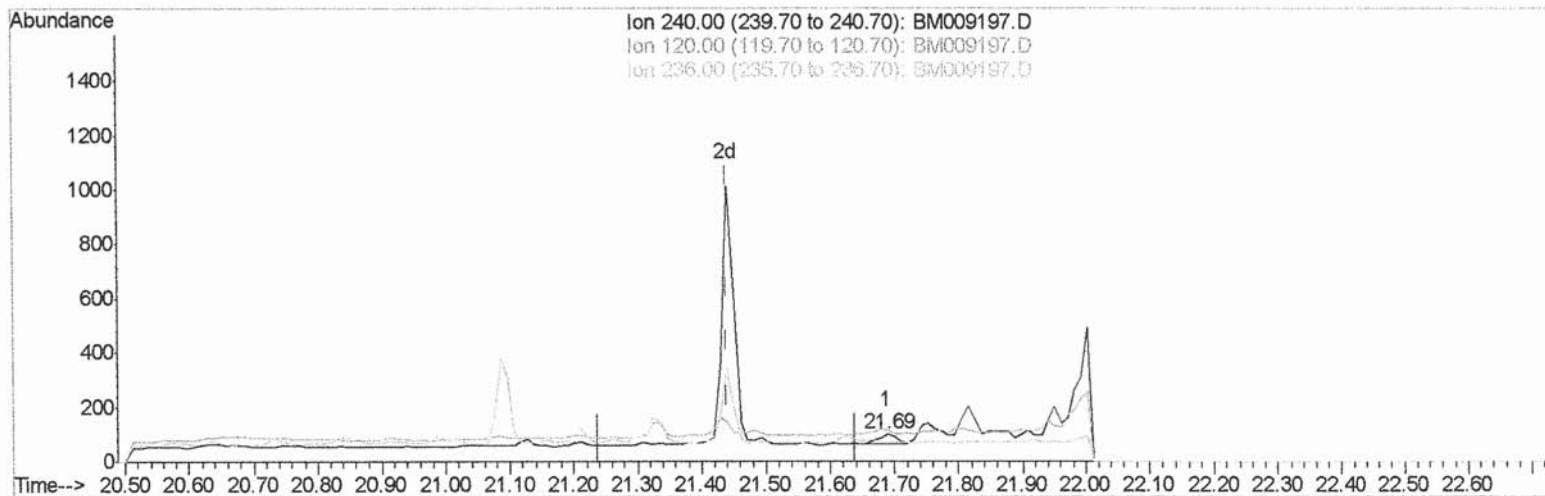
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.690min (+0.250) 0.40ng/ul

response 87

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	114.85#
236.00	34.90	73.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

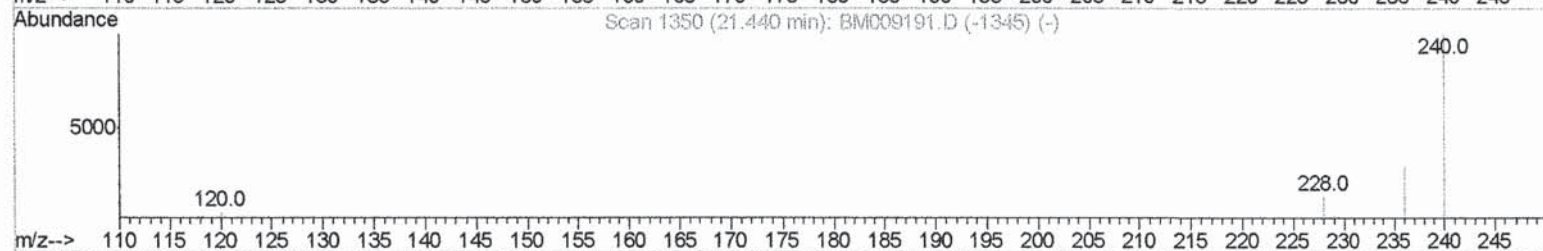
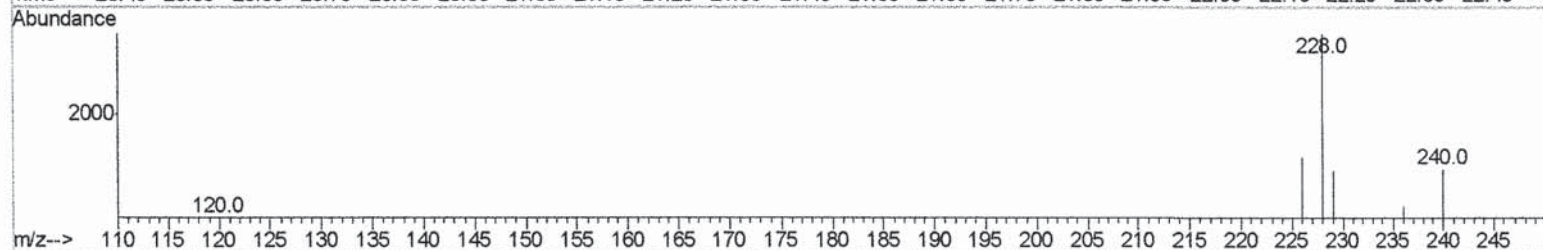
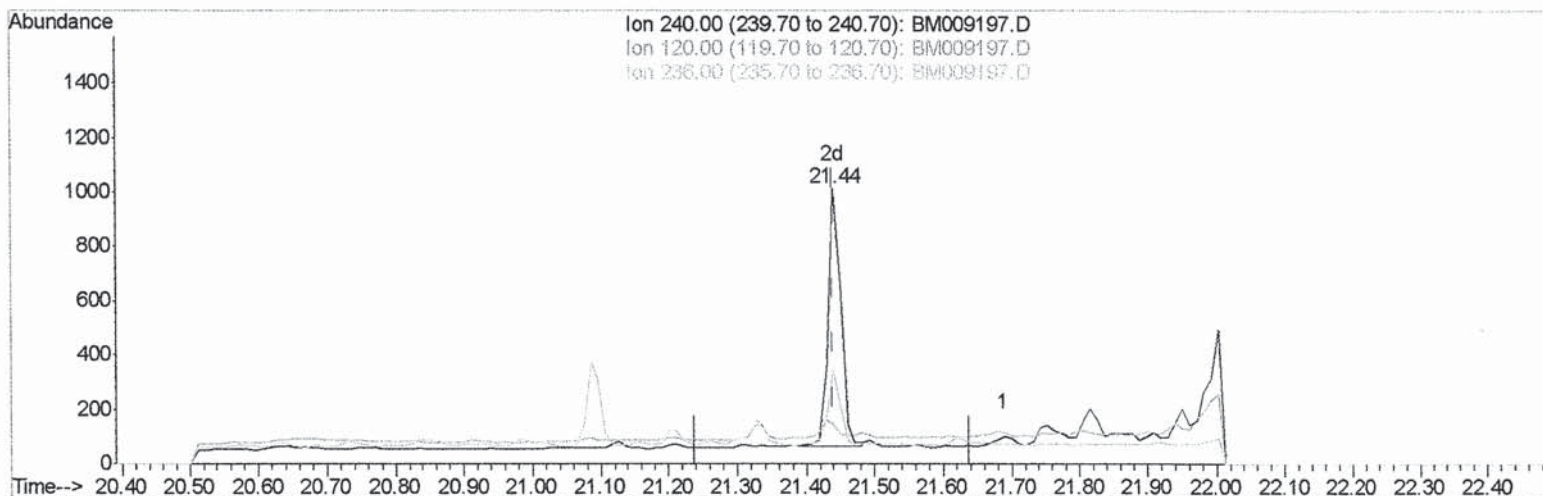
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(16) Chrysene-d12 (I)

21.440min (-0.000) 0.40ng/ul m

response 1221

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.60#
236.00	34.90	34.02
0.00	0.00	0.00

> SJ
 03/13/17

Quantitation Report (Qedit)

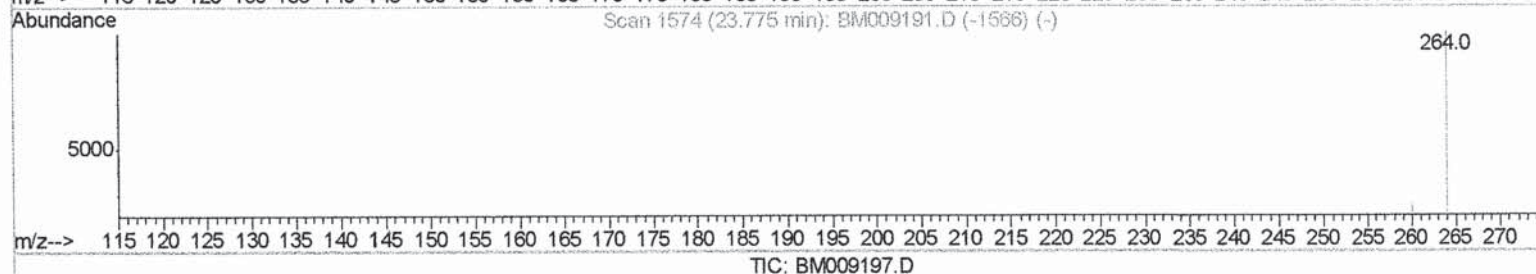
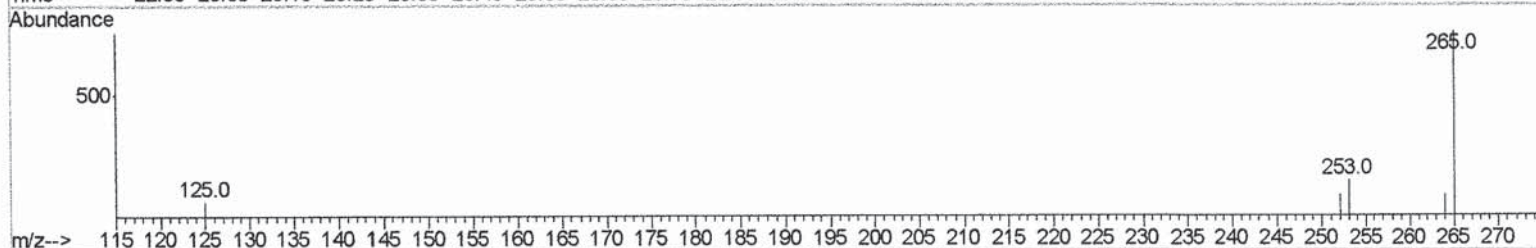
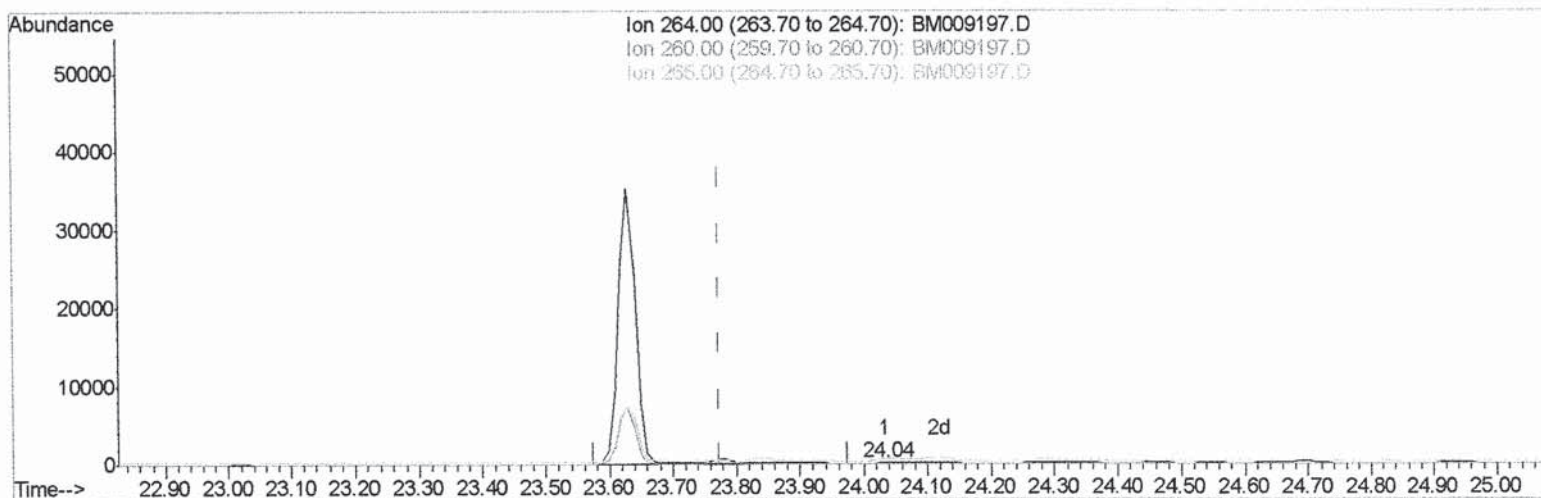
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 24.035min (+0.261) 0.40ng/ul
 response 190

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	45.52#
265.00	103.50	541.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

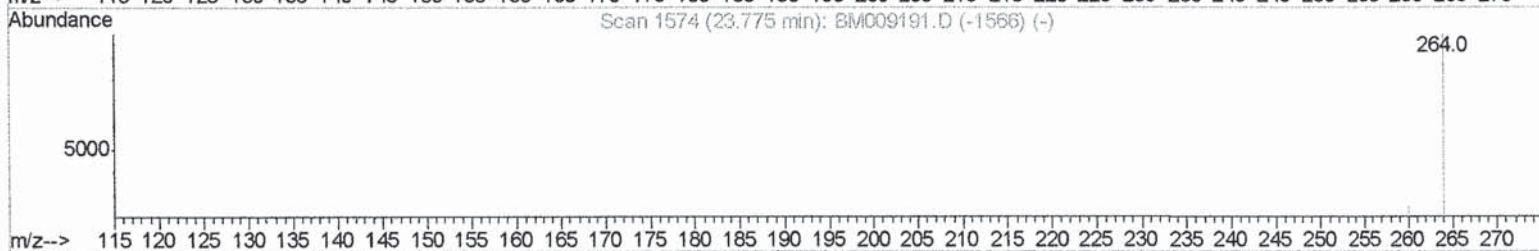
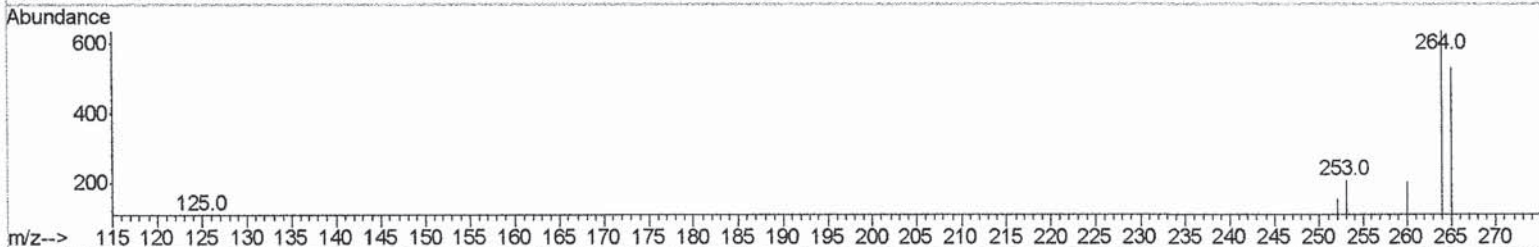
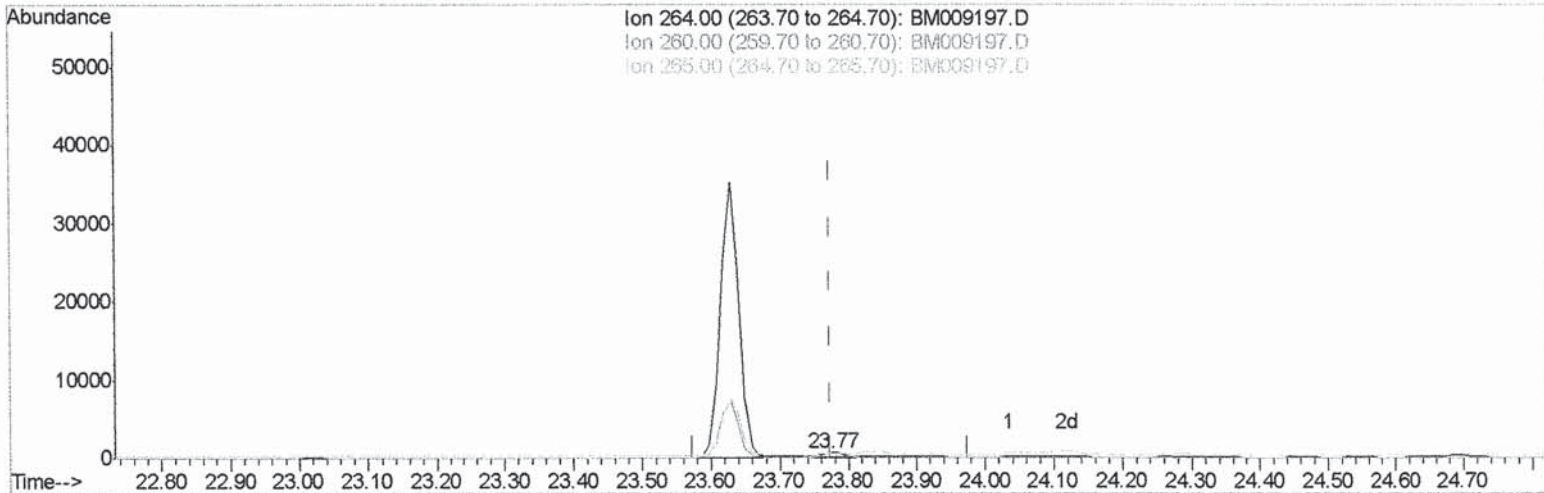
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(20) Perylene-d12 (I)

23.774min (-0.000) 0.40ng/ul m

response 1245

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.97
265.00	103.50	82.76#
0.00	0.00	0.00

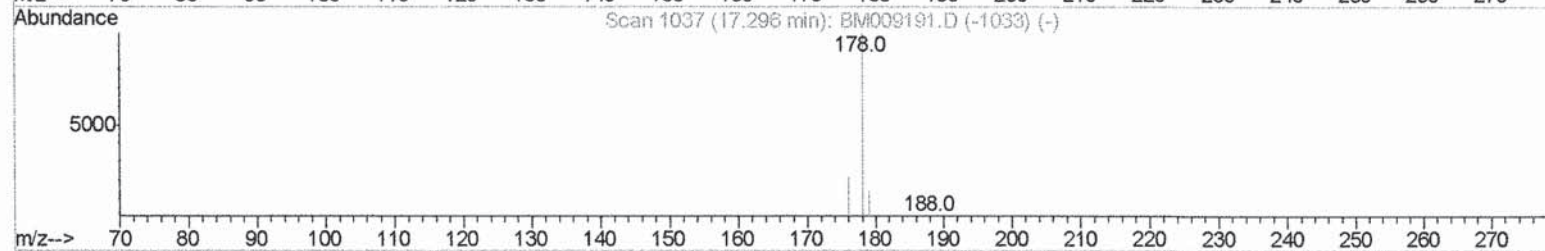
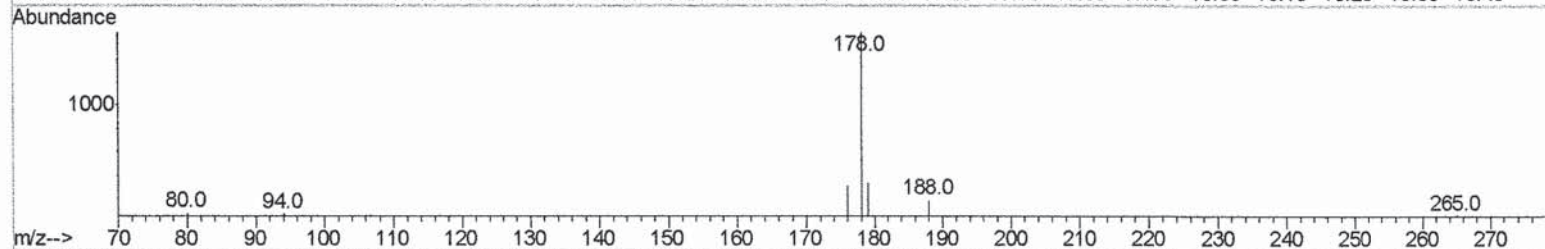
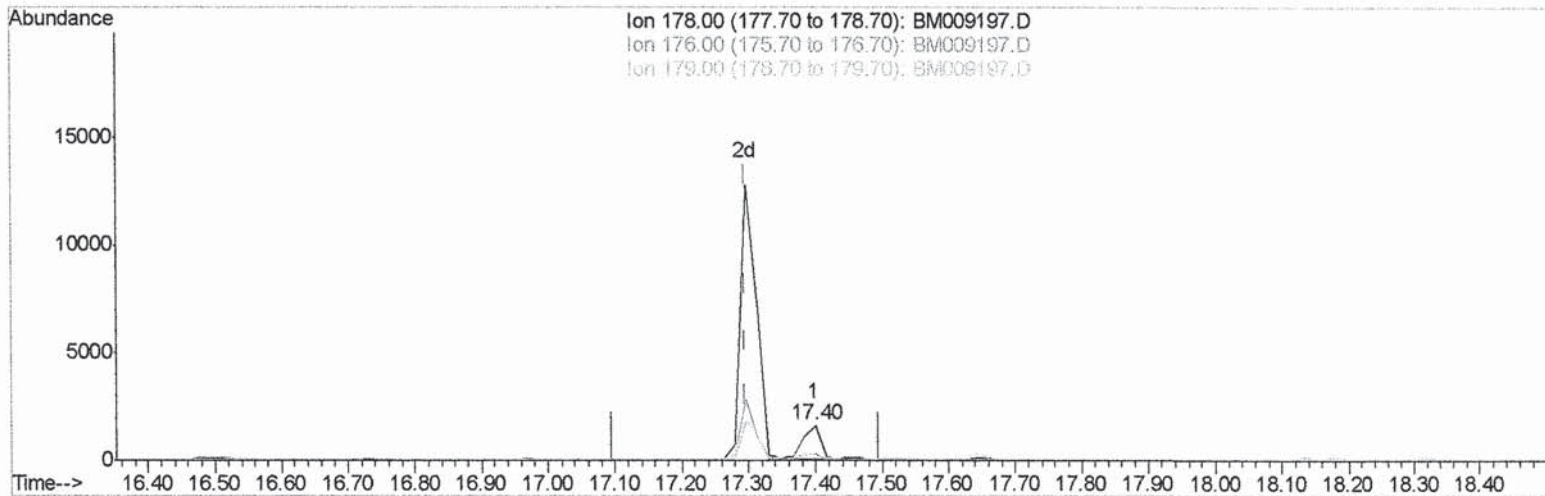
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(12) Phenanthrene

17.399min (+0.103) 0.84ng/ui

response 2997

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	18.65
179.00	17.00	20.00
0.00	0.00	0.00

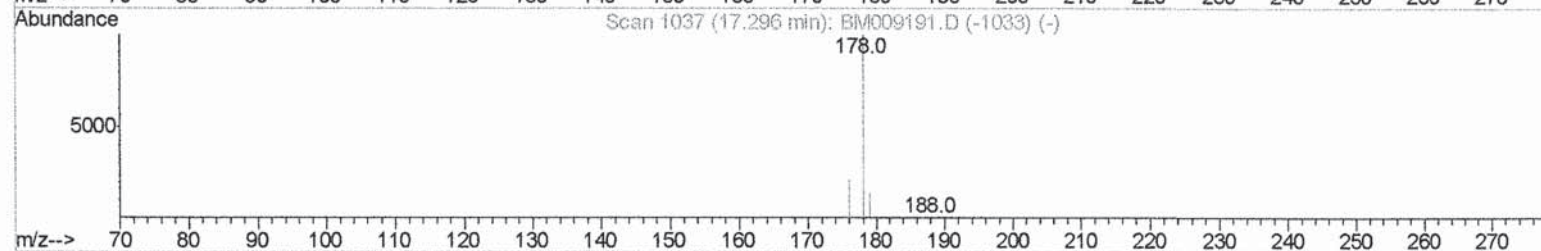
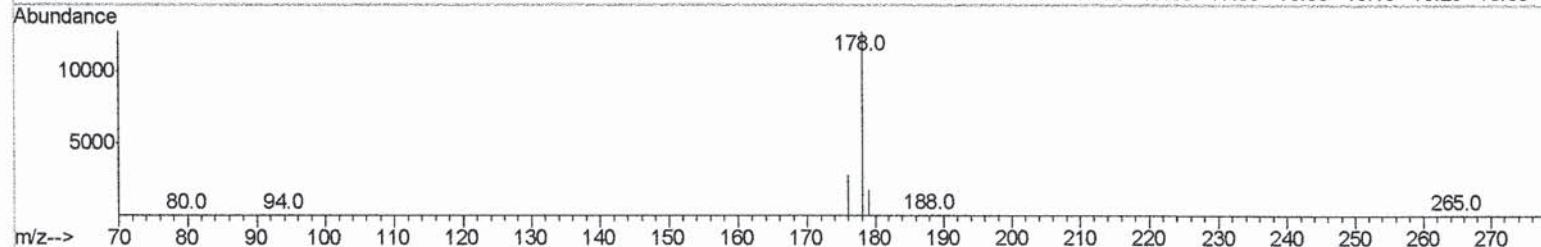
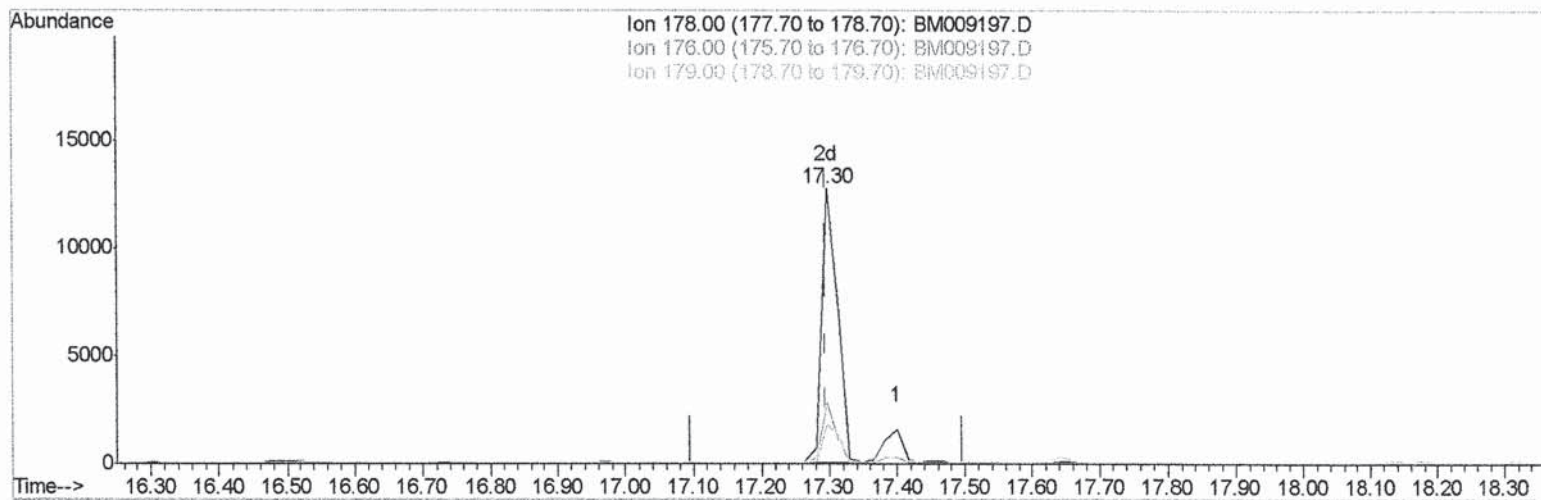
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(12) Phenanthrene

17.296min (-0.000) 6.01ng/ul m

response 21423

Ion Exp% Act%

178.00 100 100

176.00 23.00 22.07

179.00 17.00 14.36

0.00 0.00 0.00

> $\frac{SJ}{03/13/17}$

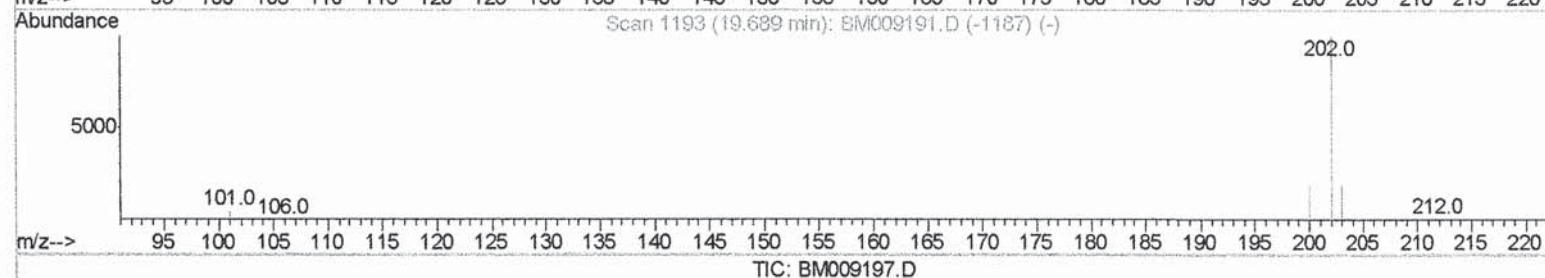
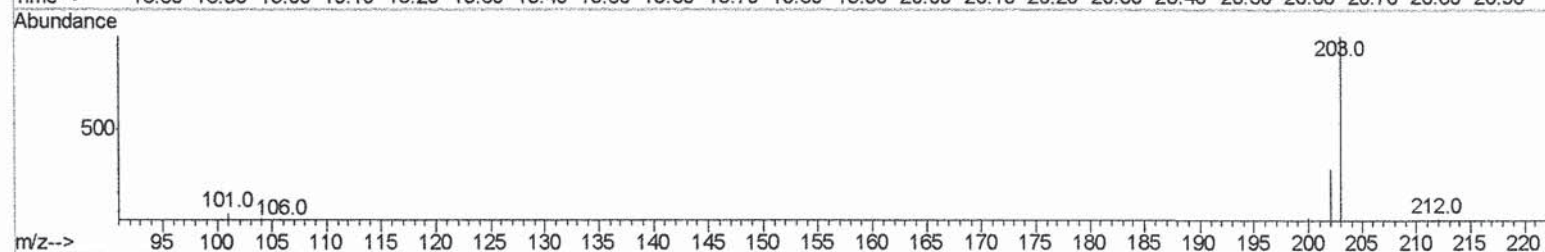
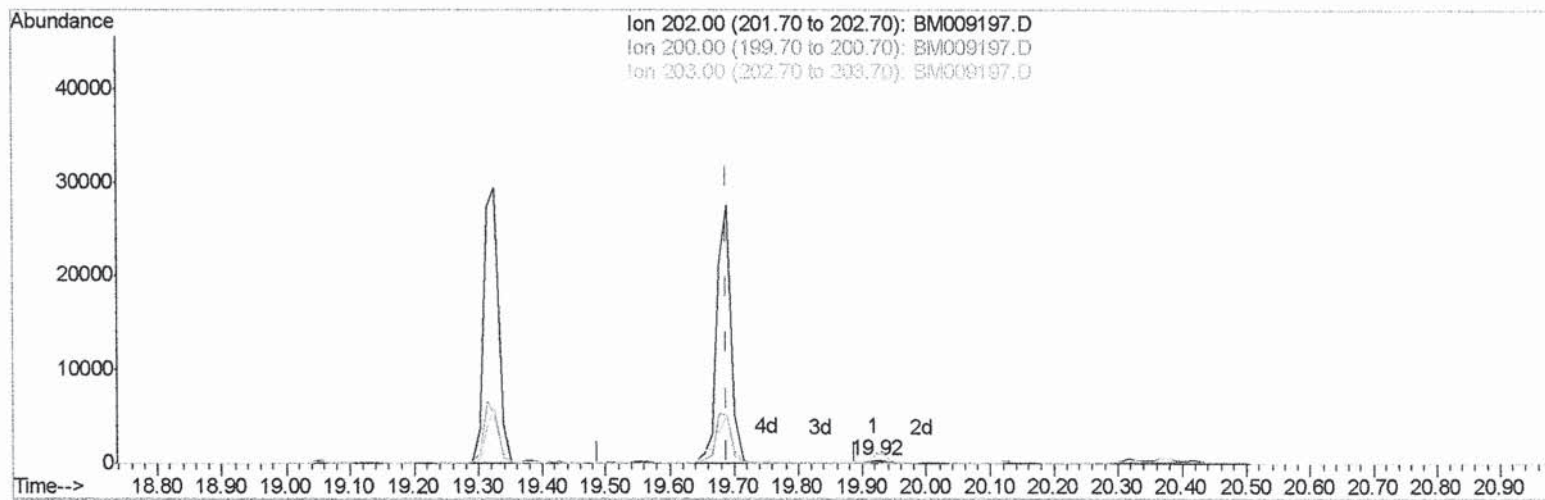
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



(17) Pyrene

19.919min (+0.230) 0.10ng/ui

response 433

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	23.64
203.00	19.50	302.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

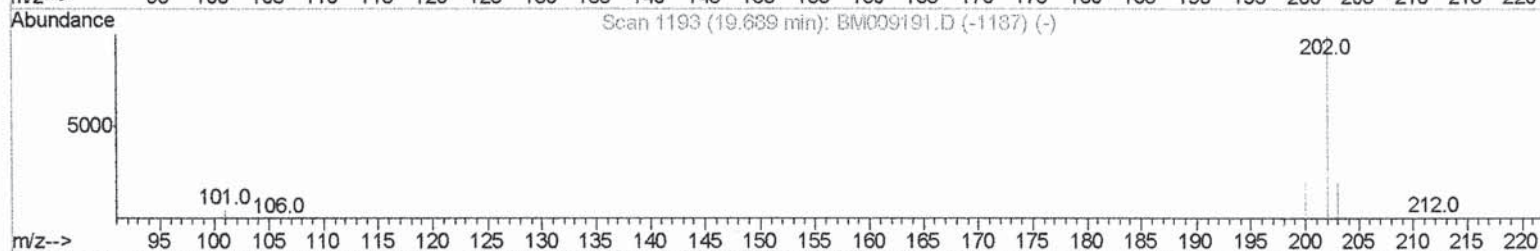
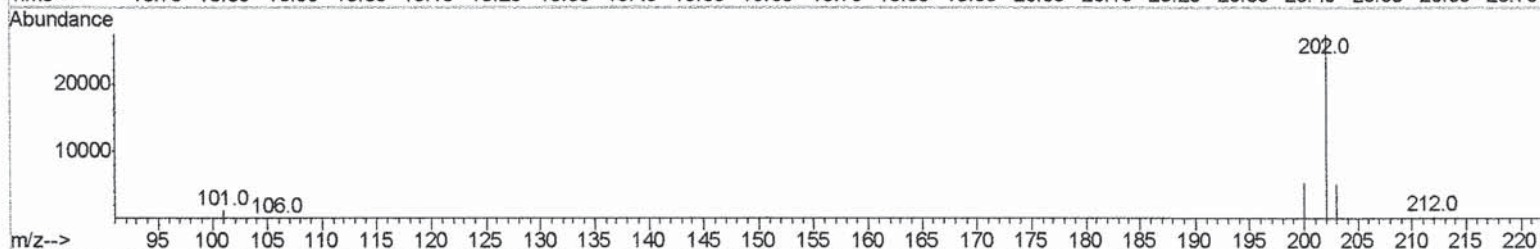
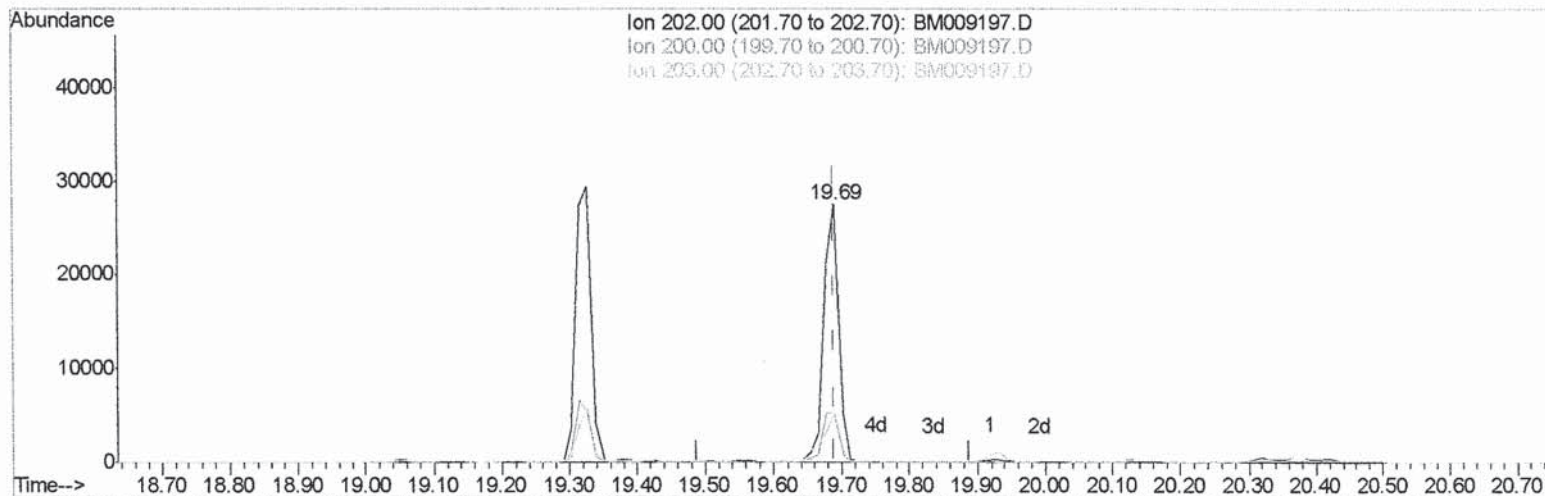
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(17) Pyrene

19.689min (-0.000) 10.14ng/ul m

response 42562

Ion Exp% Act%

202.00 100 100

200.00 22.80 19.09

203.00 19.50 19.06

0.00 0.00 0.00

> $\frac{55}{03/13/17}$

Quantitation Report (Qedit)

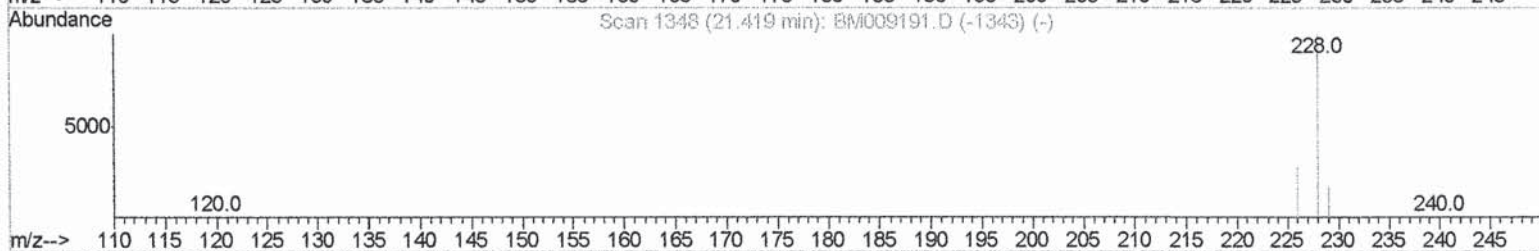
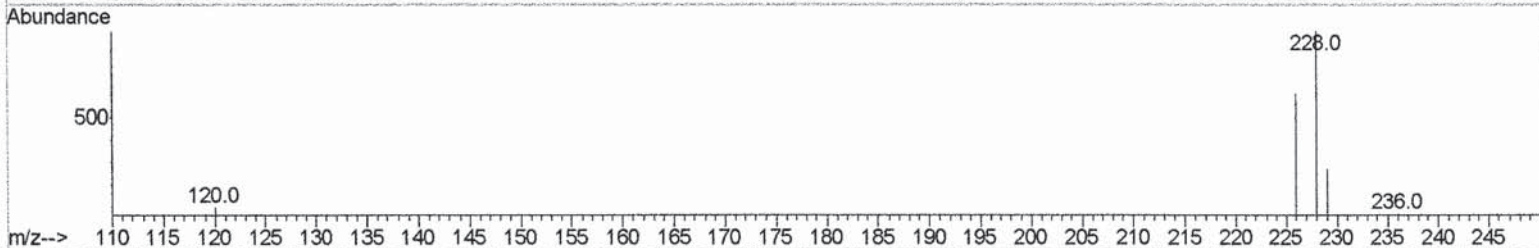
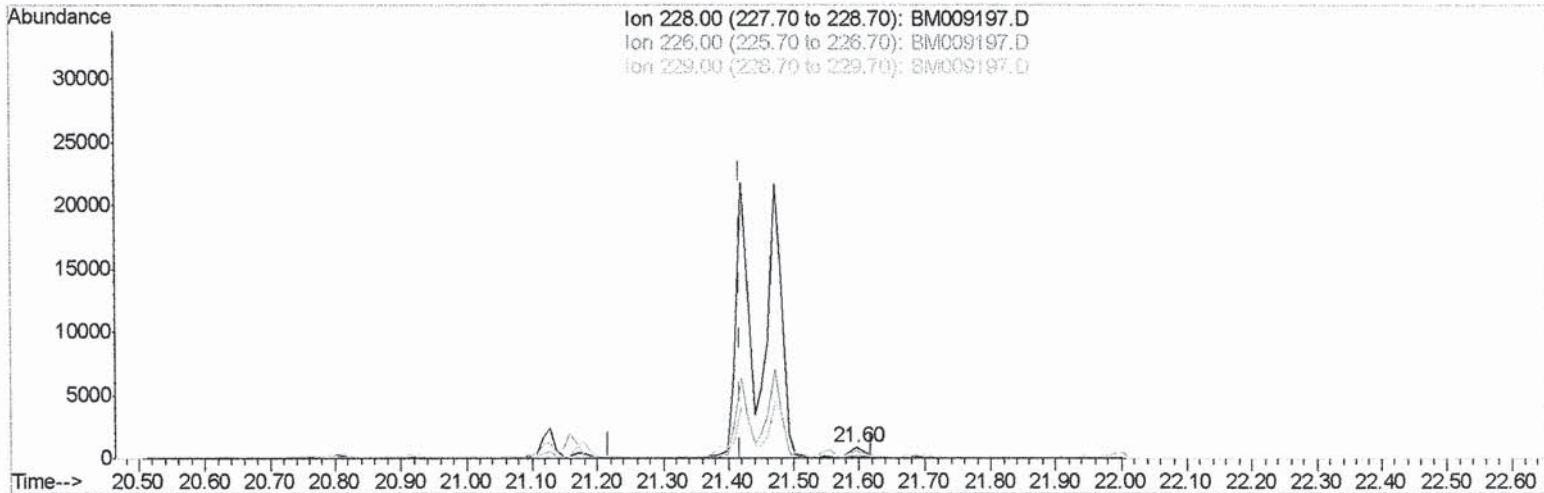
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(18) Benzo(a)anthracene
 21.596min (+0.177) 0.31ng/ui
 response 1239

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	68.01#
229.00	21.30	30.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

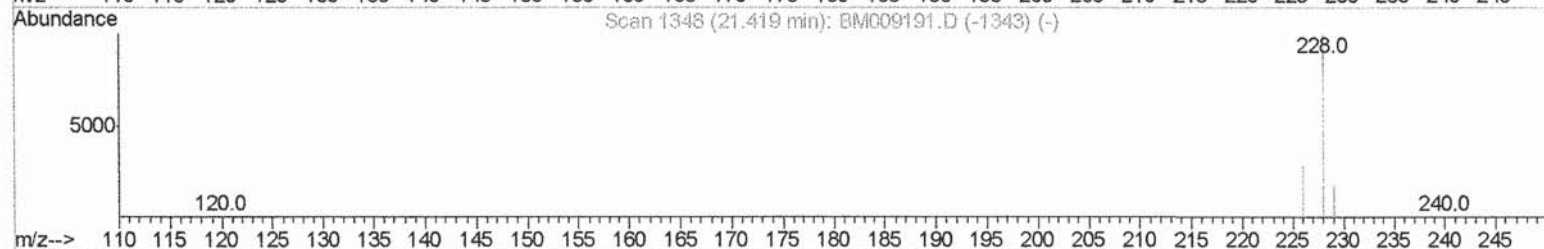
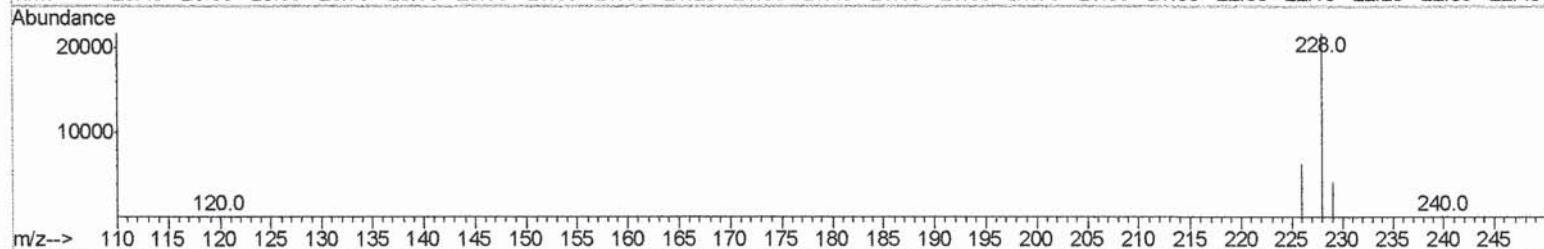
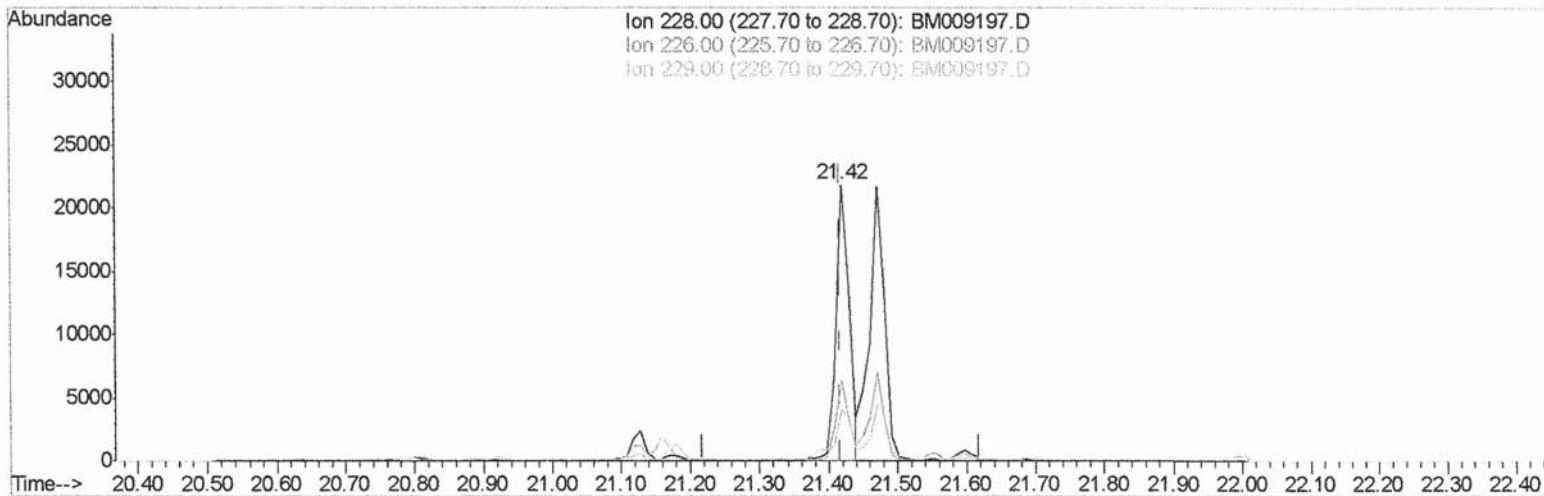
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(18) Benzo(a)anthracene

21.419min (-0.000) 7.26ng/ul m

response 29460

Ion Exp% Act%

228.00 100 100

226.00 28.50 29.31

229.00 21.30 18.75

0.00 0.00 0.00

SJ
03/13/17

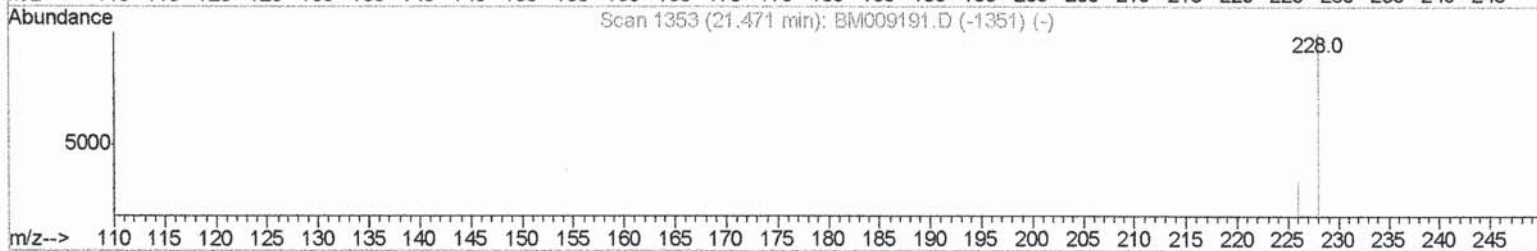
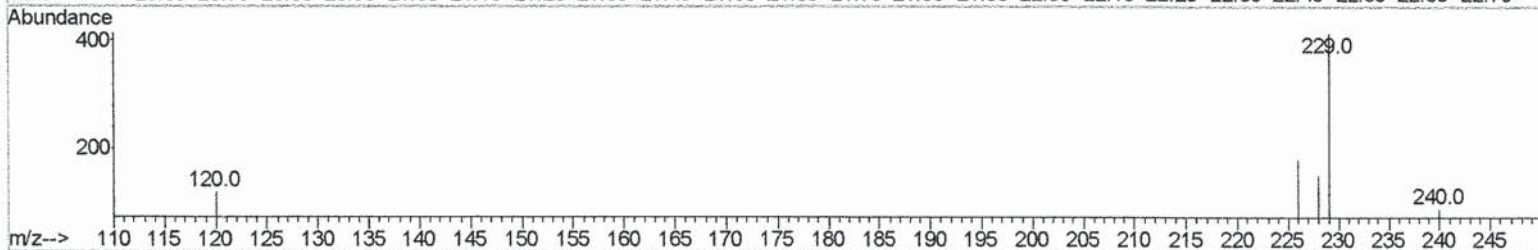
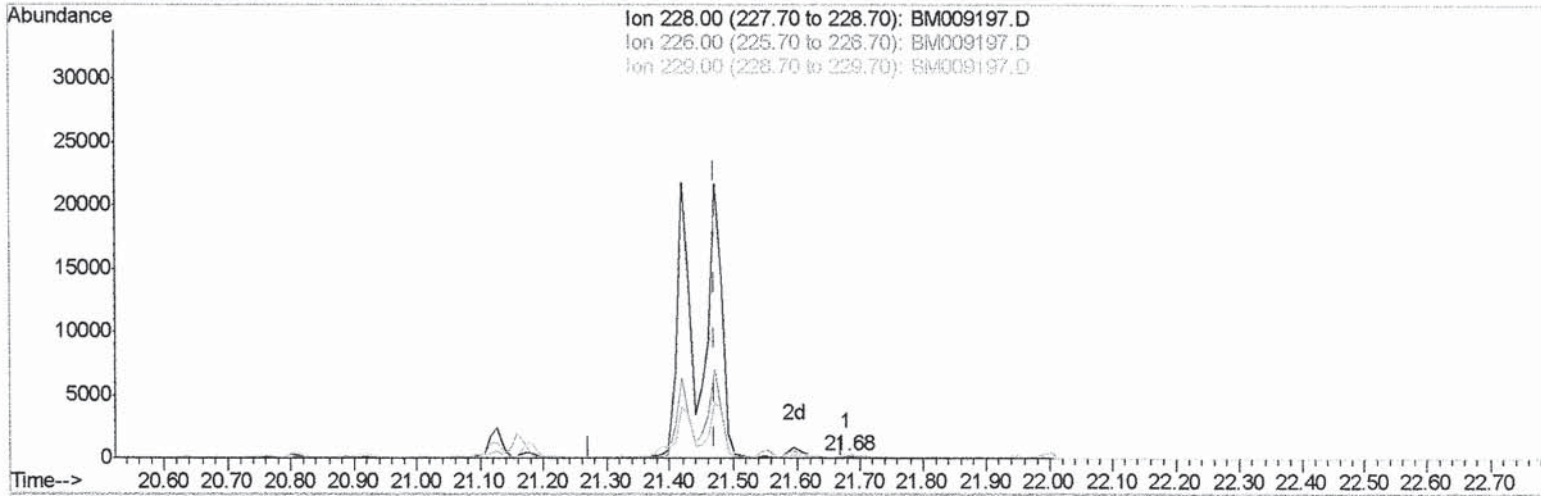
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(19) Chrysene

21.679min (+0.208) 0.05ng/ul

response 175

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	120.39#
229.00	22.10	273.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

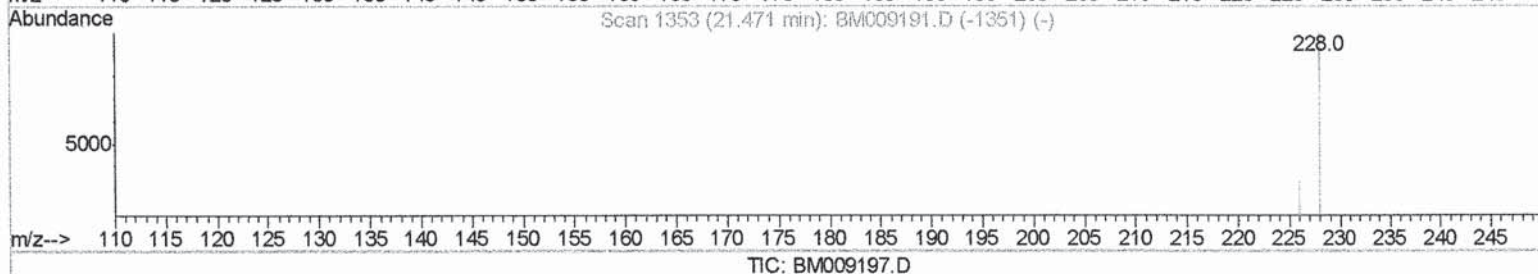
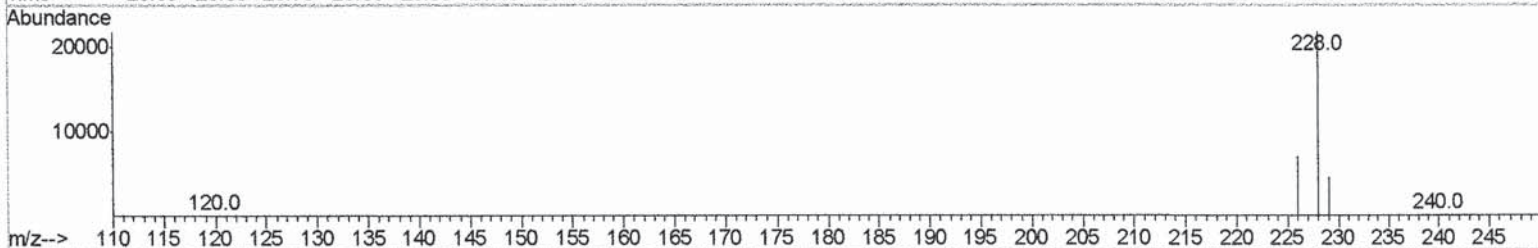
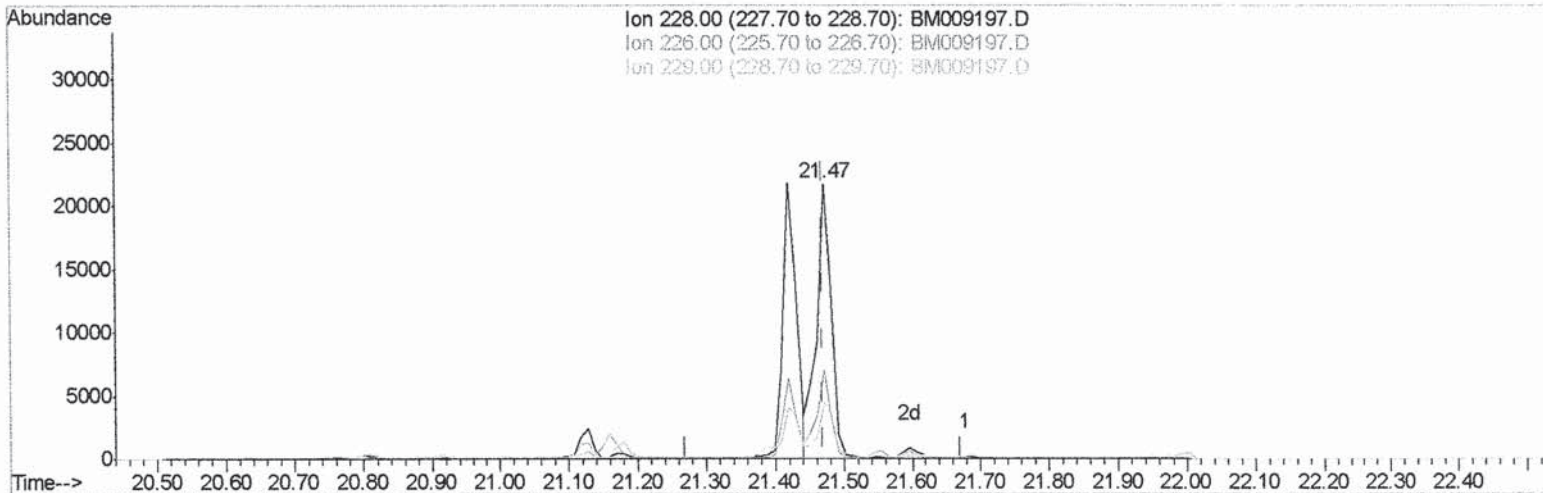
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



(19) Chrysene

21.471min (-0.000) 8.57ng/ul m

response 32975

Ion	Exp%	Act%
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228.00	100	100
--------	-----	-----

226.00	29.20	32.45
--------	-------	-------

229.00	22.10	20.65
--------	-------	-------

0.00	0.00	0.00
------	------	------

> $\frac{55}{09/13/17}$

Quantitation Report (Qedit)

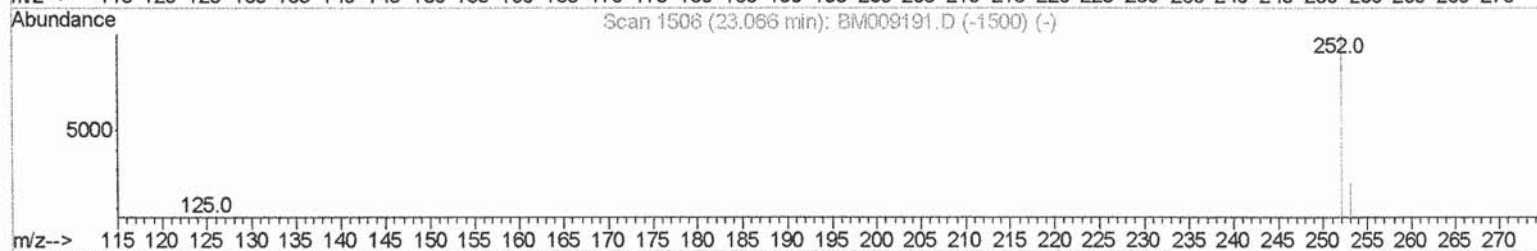
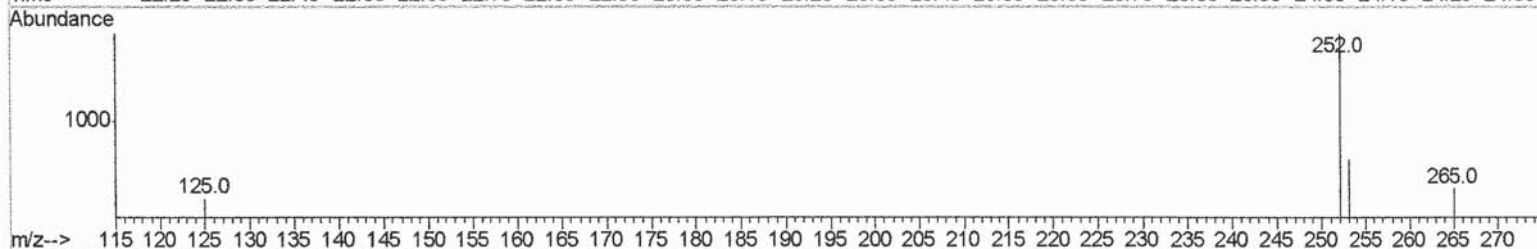
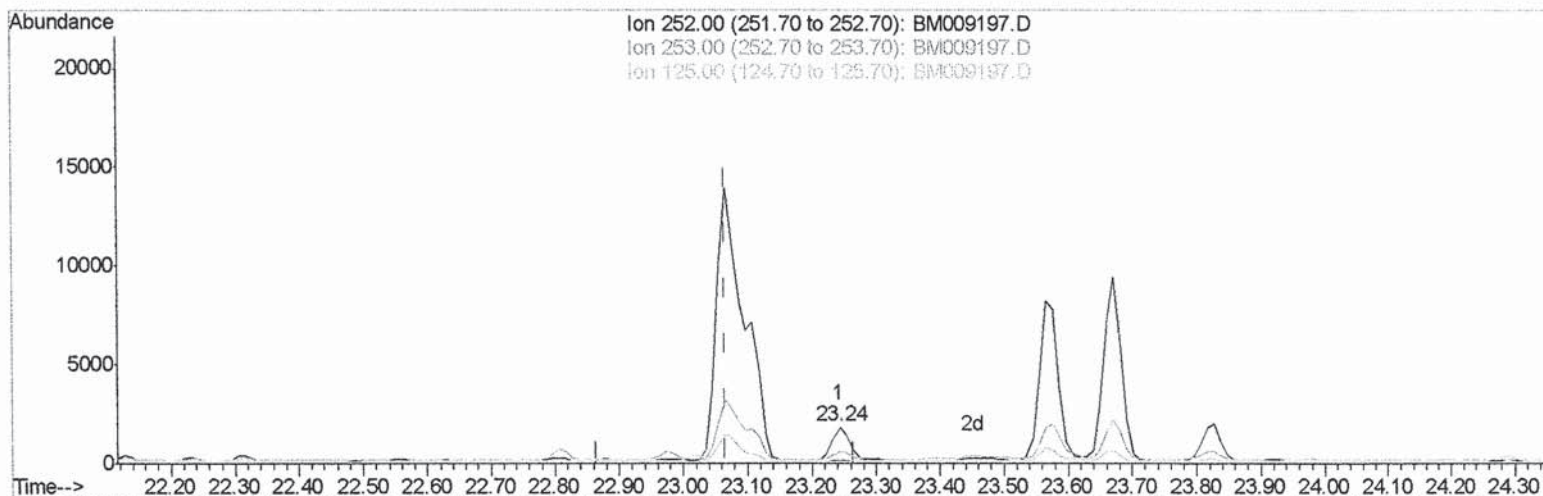
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(21) Benzo(b)fluoranthene

23.243min (+0.177) 0.66ng/ul

response 3237

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.94
125.00	17.50	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

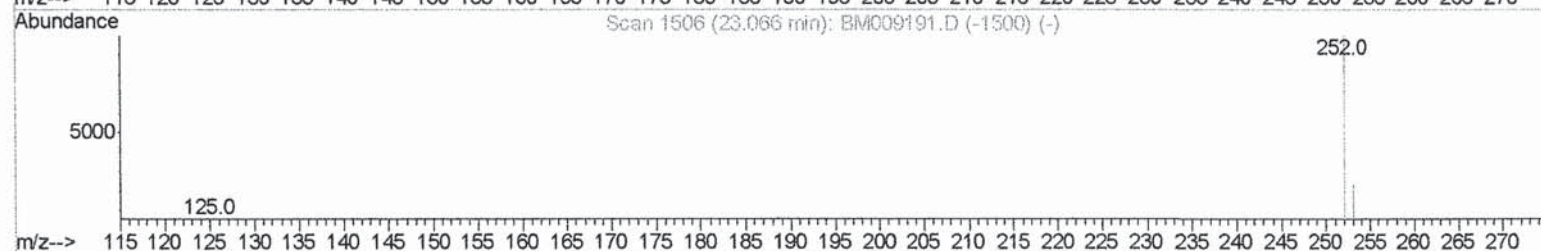
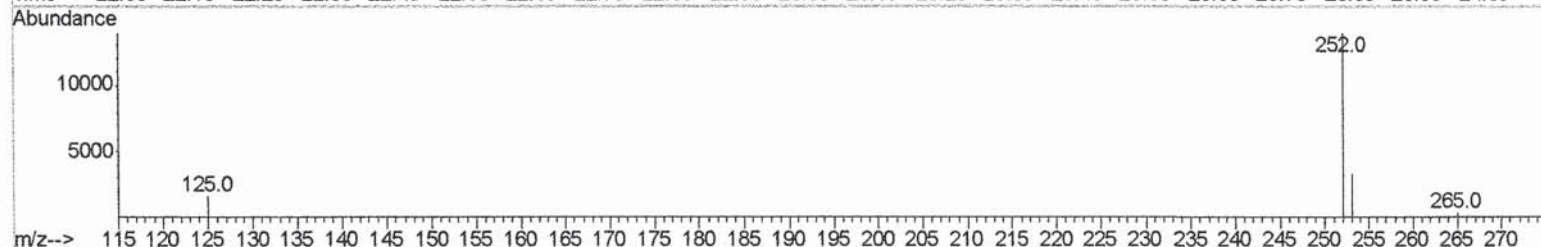
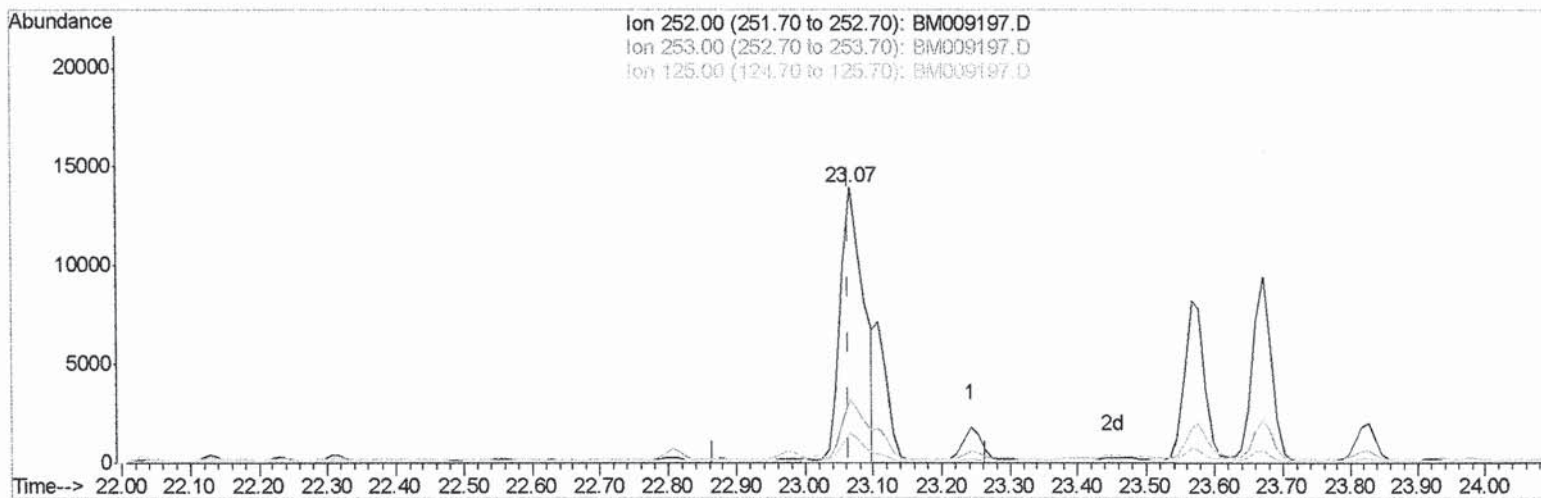
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(21) Benzo(b)fluoranthene

23.066min (-0.000) 7.03ng/ul m

response 34371

Ion Exp% Act%

252.00 100 100

253.00 32.10 23.40

125.00 17.50 11.09

0.00 0.00 0.00

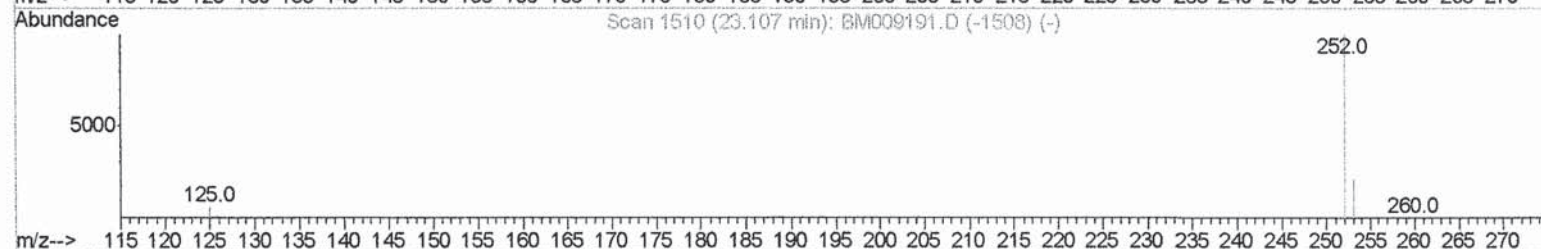
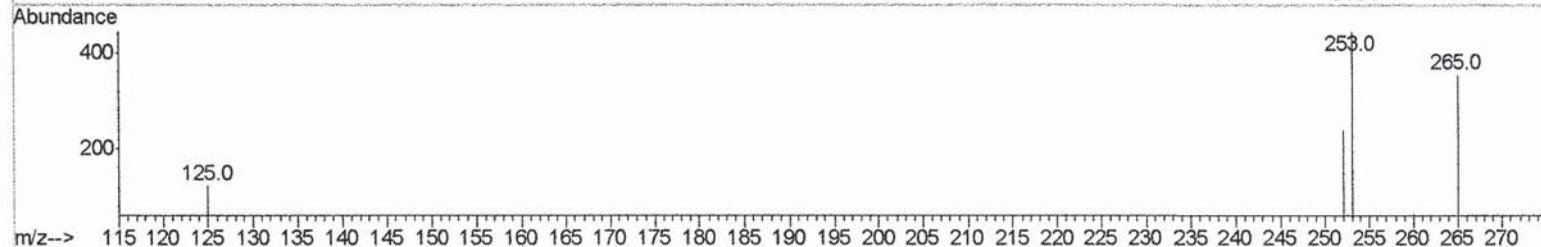
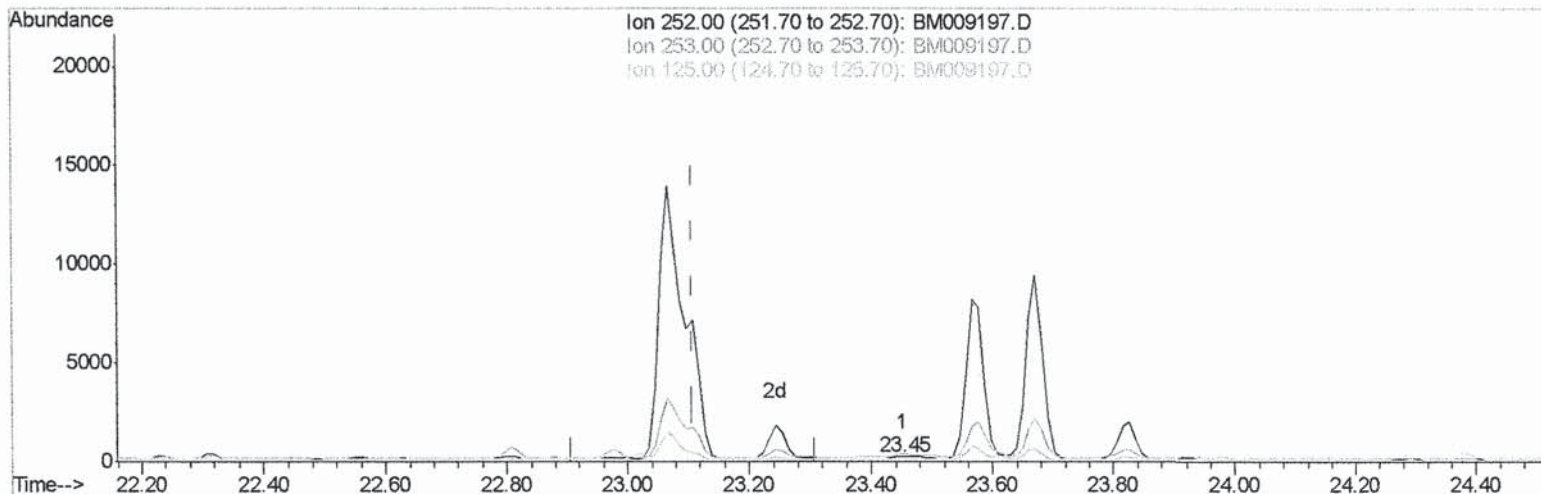
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(22) Benzo(k)fluoranthene
 23.451min (+0.344) 0.09ng/ul
 response 405

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	184.65#
125.00	17.10	51.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

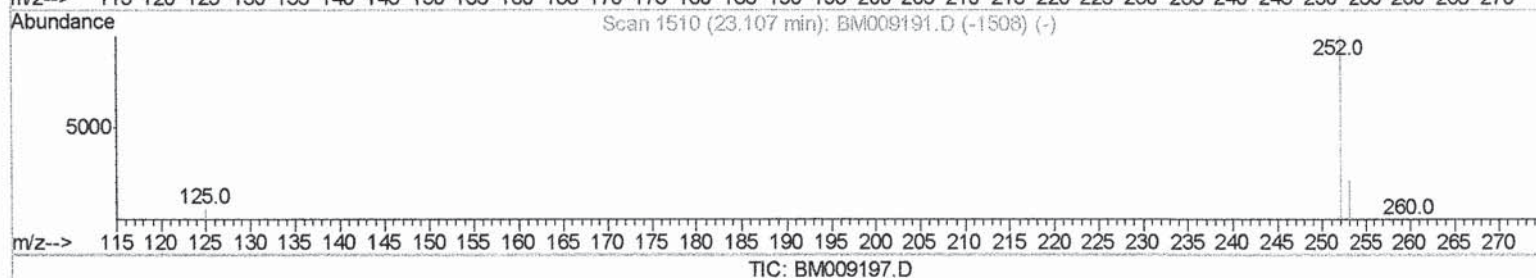
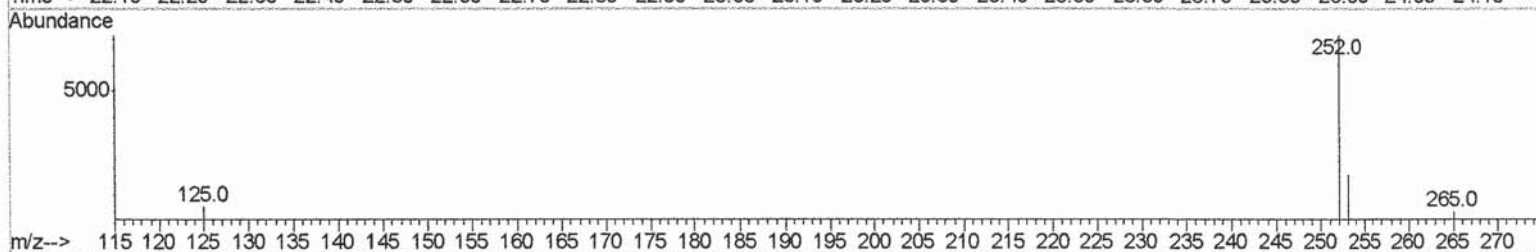
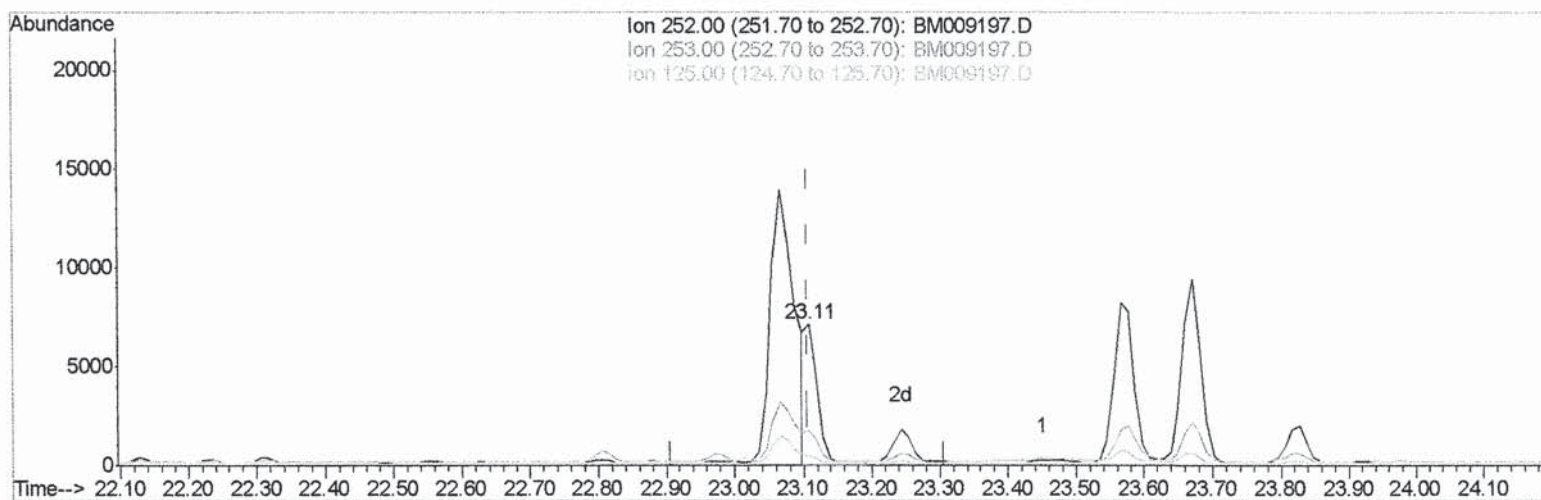
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.107min (-0.000) 2.09ng/ul m

response 9048

Ion Exp% Act%

252.00 100 100

253.00 30.60 24.56

125.00 17.10 7.56#

0.00 0.00 0.00

> $\frac{55}{08/13/17}$

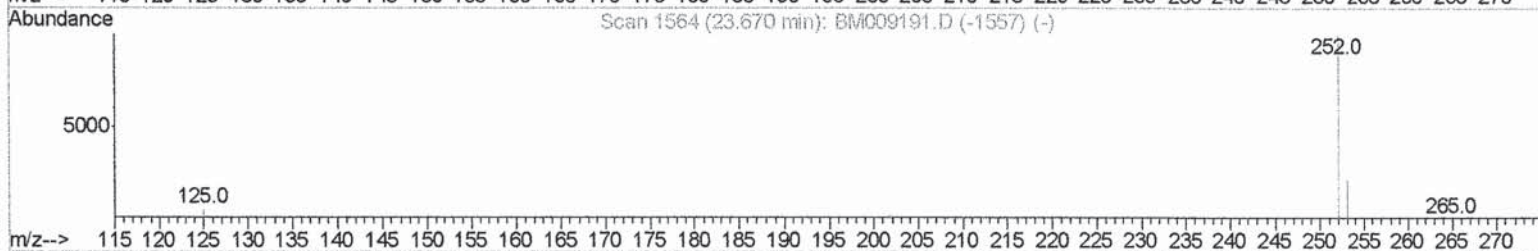
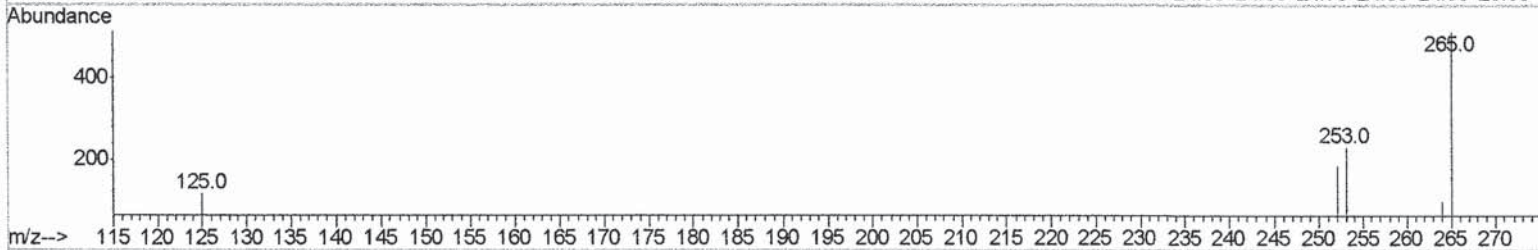
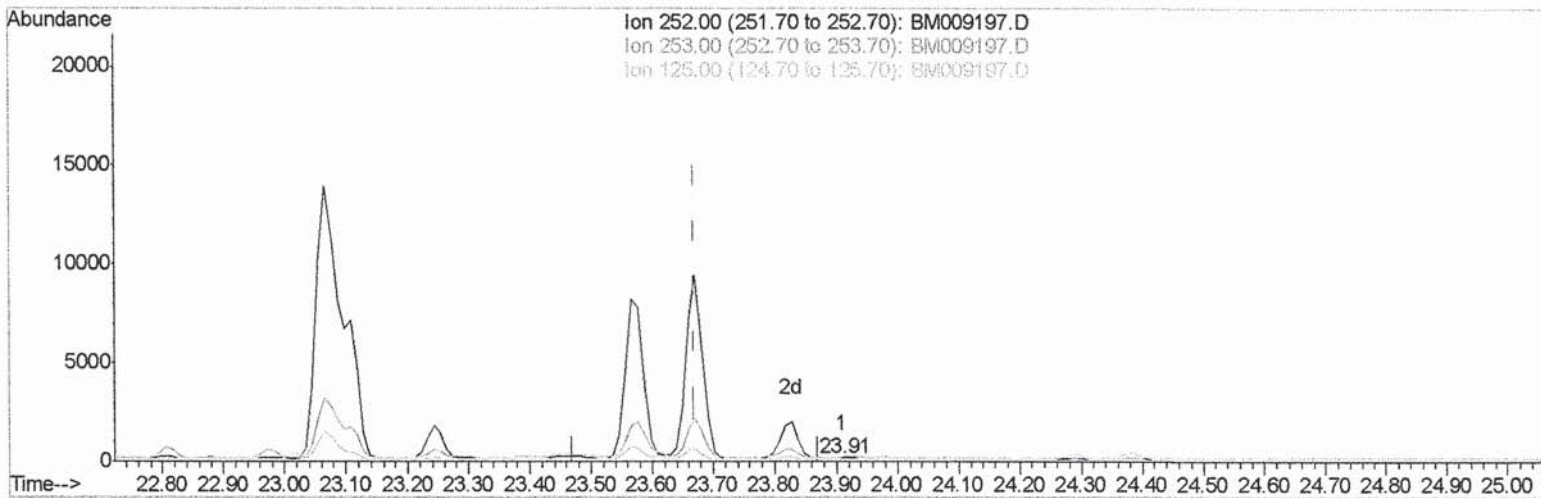
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

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Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(23) Benzo(a)pyrene (C)

23.910min (+0.240) 0.04ng/ul

response 173

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	125.82#
125.00	22.60	62.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

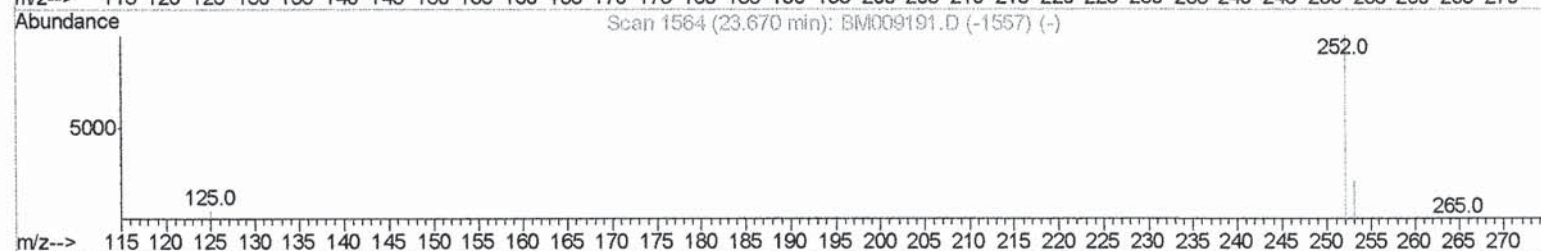
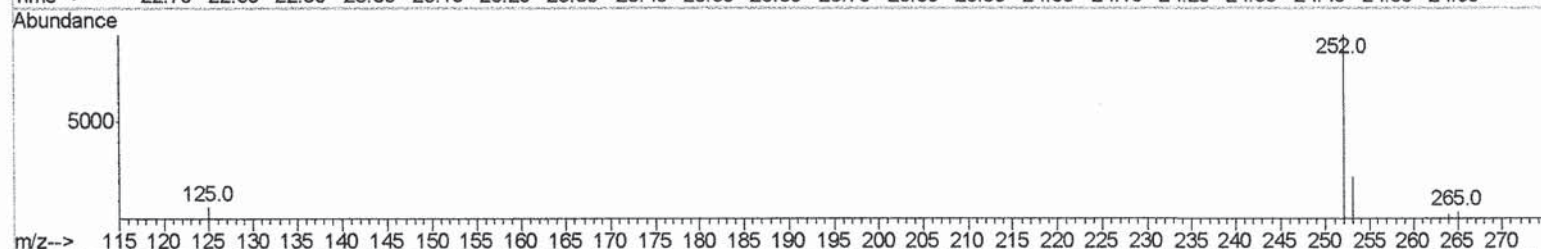
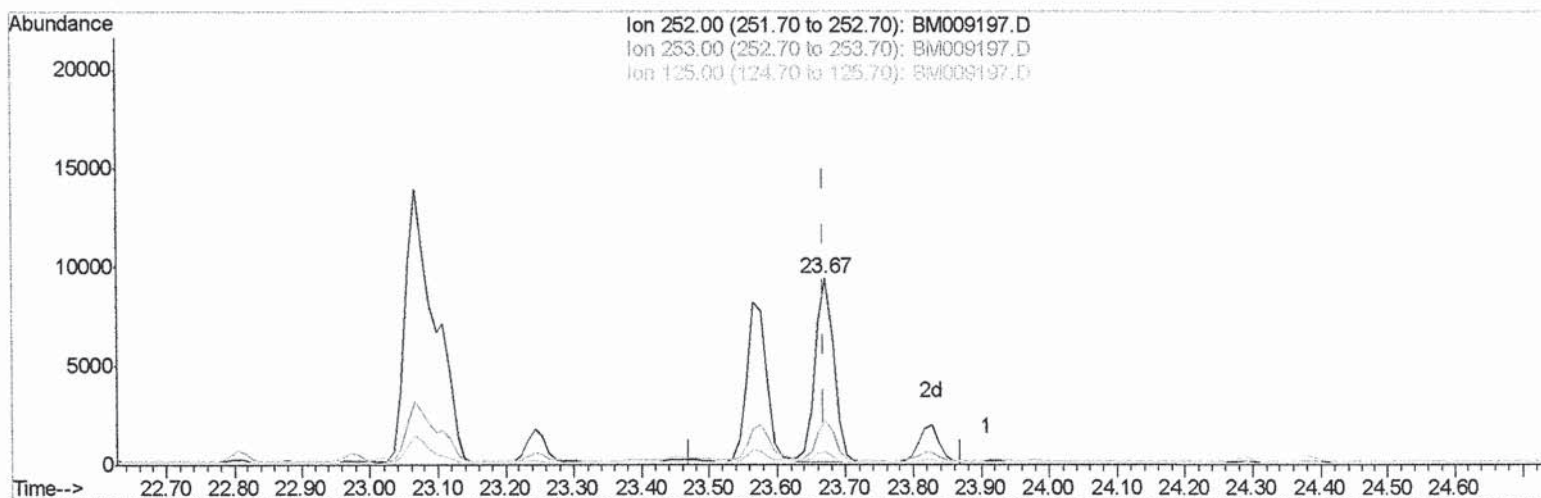
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

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 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.670min (-0.000) 4.04ng/ul m

response 17798

Ion Exp% Act%

252.00 100 100

253.00 35.60 23.67#

125.00 22.60 7.47#

0.00 0.00 0.00

> $\frac{55}{03/13/17}$

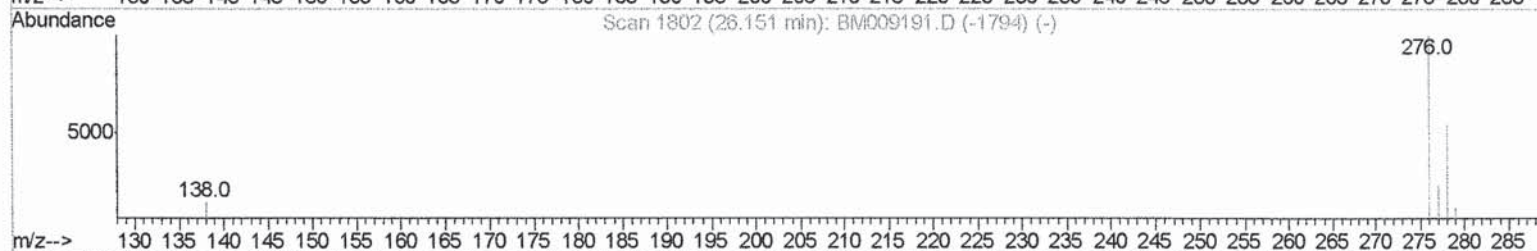
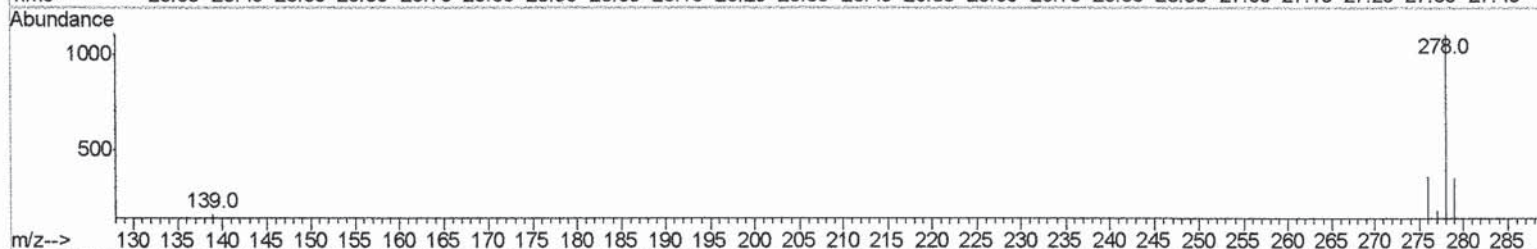
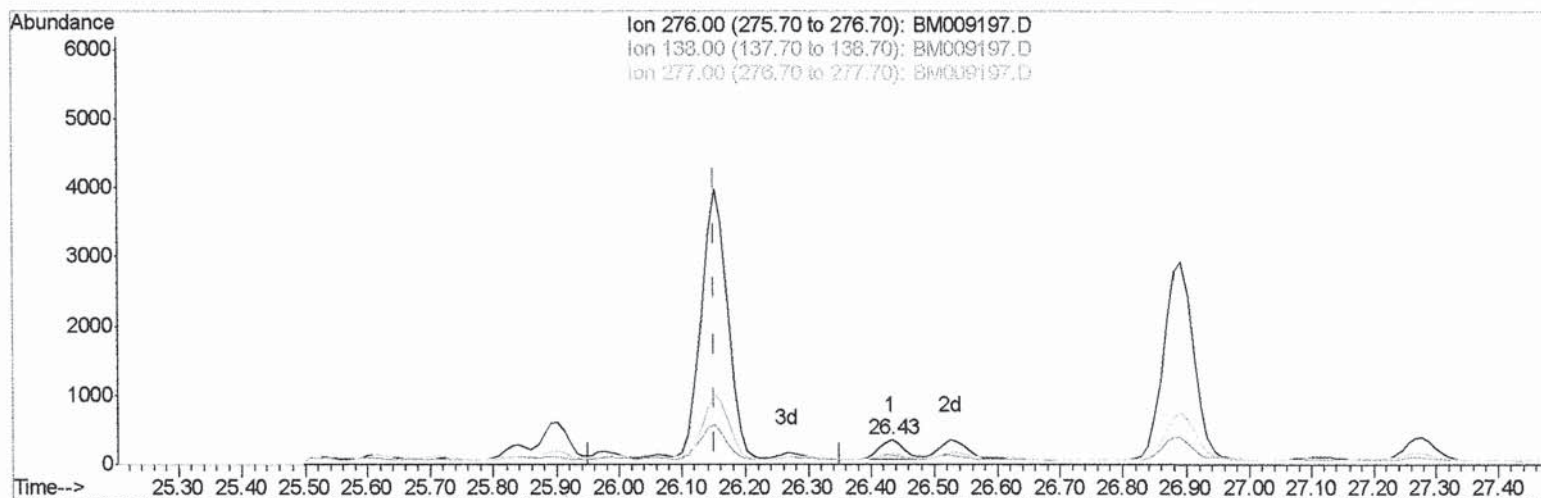
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

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

26.433min (+0.281) 0.15ng/ul

response 820

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	28.54
277.00	24.50	39.39#
0.00	0.00	0.00

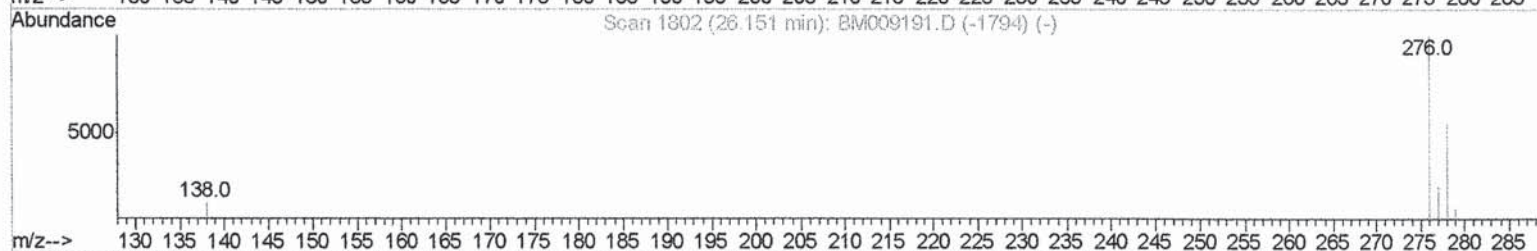
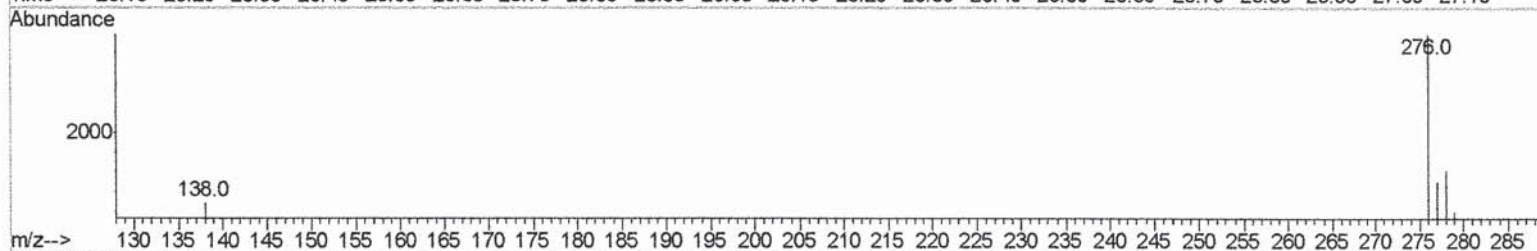
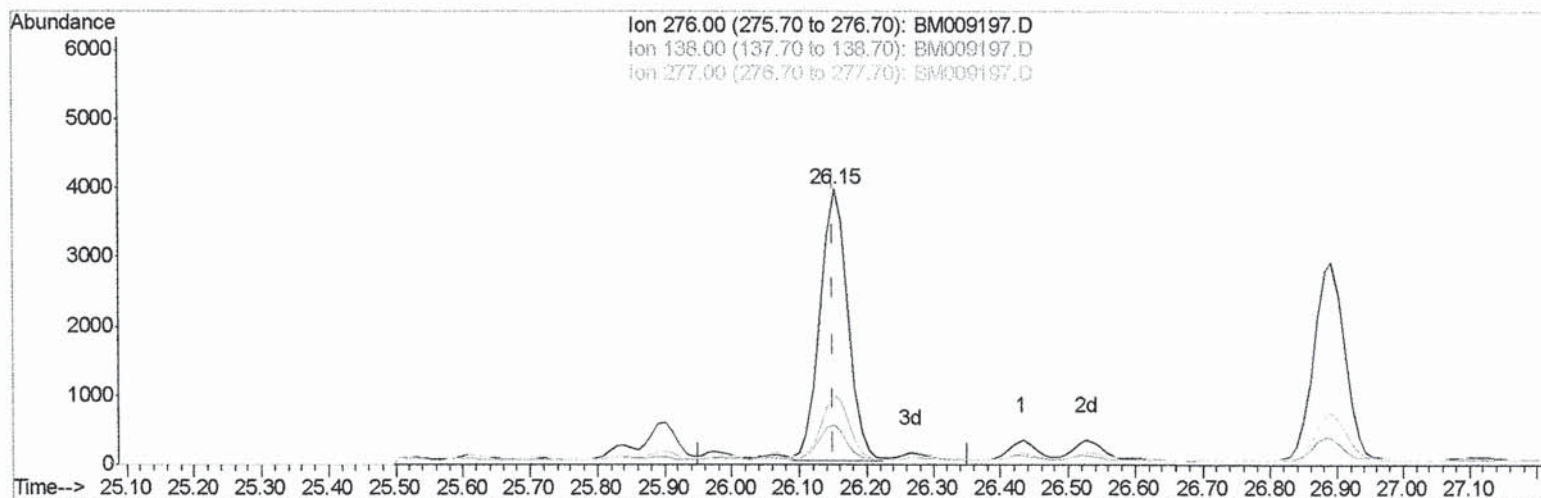
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

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

26.151min (-0.000) 2.04ng/ul m

response 11401

Ion	Exp%	Act%
-----	------	------

276.00	100	100
--------	-----	-----

138.00	23.90	2.05#
--------	-------	-------

277.00	24.50	2.83#
--------	-------	-------

0.00	0.00	0.00
------	------	------

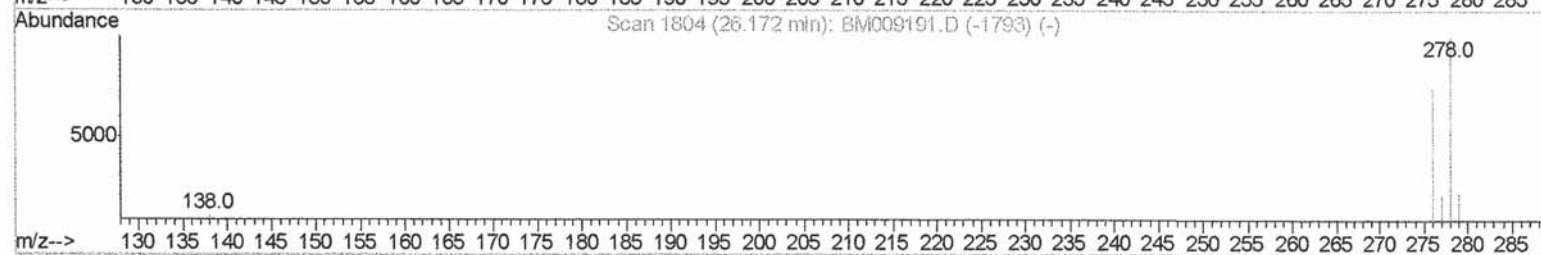
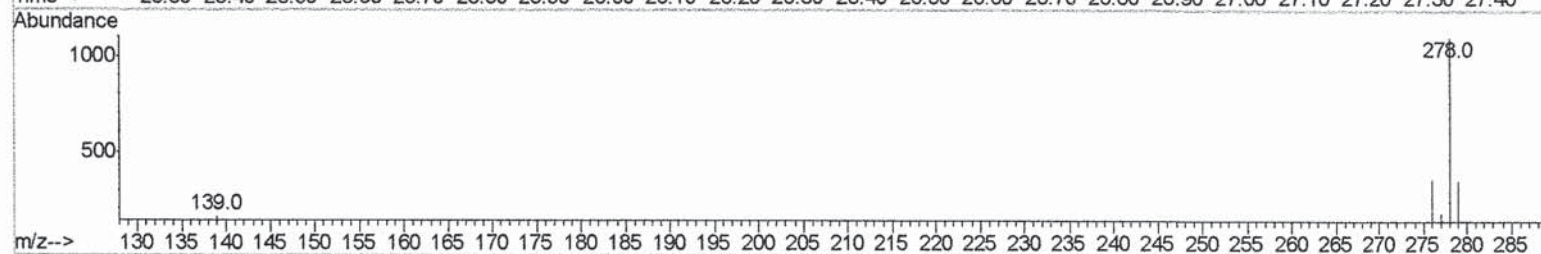
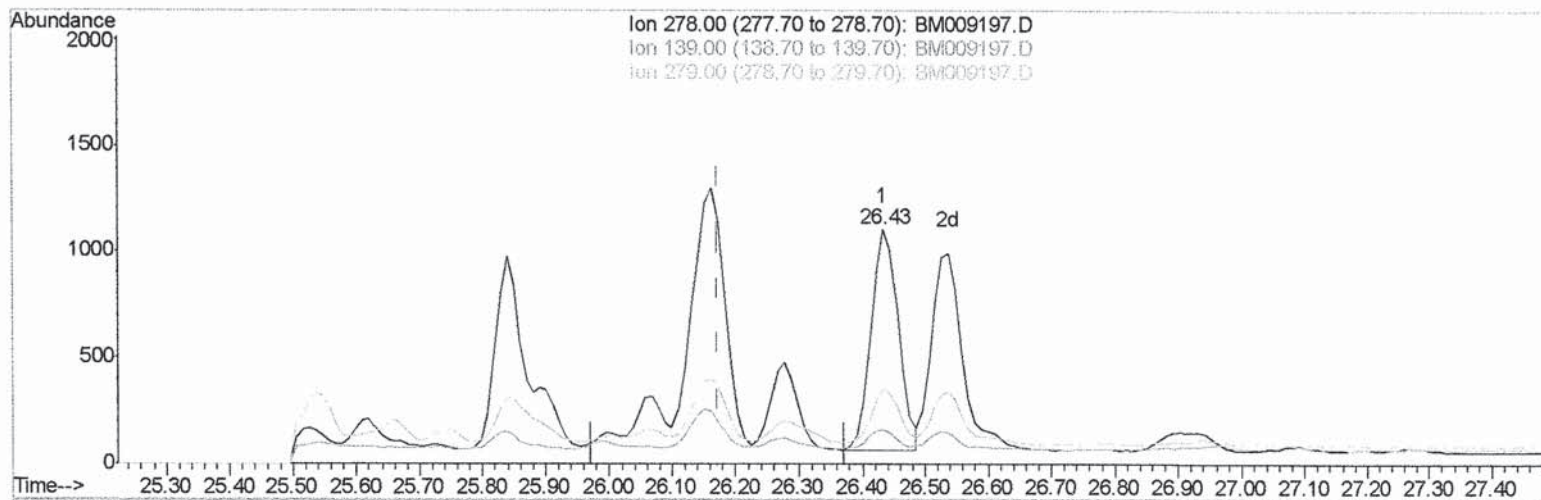
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(25) Dibenzo(a,h)anthracene

26.433min (+0.261) 0.66ng/ul

response 3098

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	14.87#
279.00	32.40	32.00
0.00	0.00	0.00

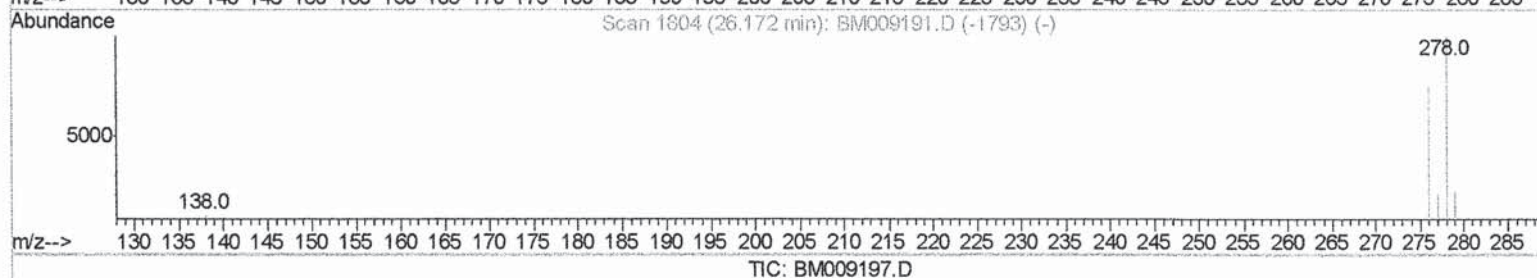
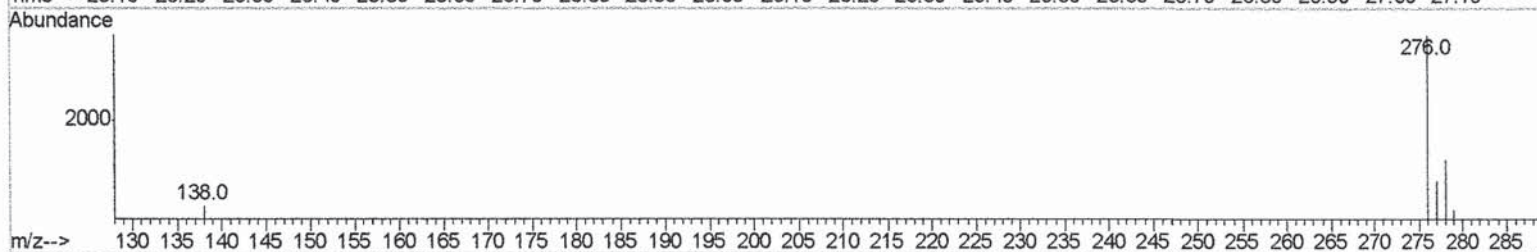
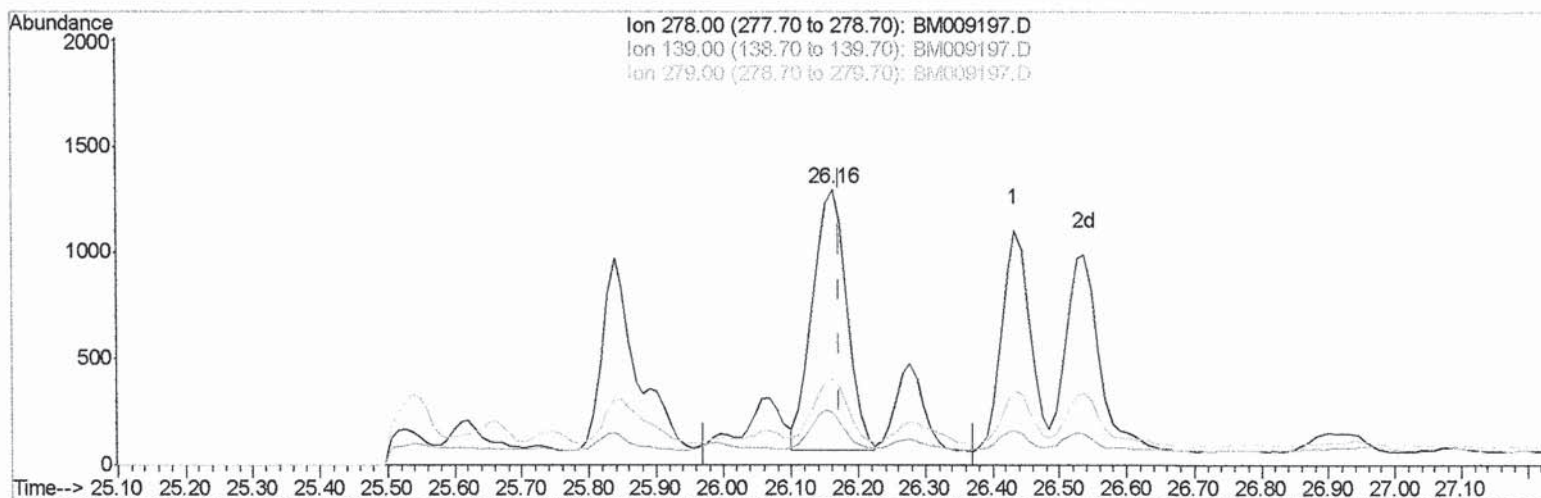
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.162min (-0.010) 0.93ng/ul m

response 4366

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.04
279.00	32.40	31.23
0.00	0.00	0.00

55
03/13/17

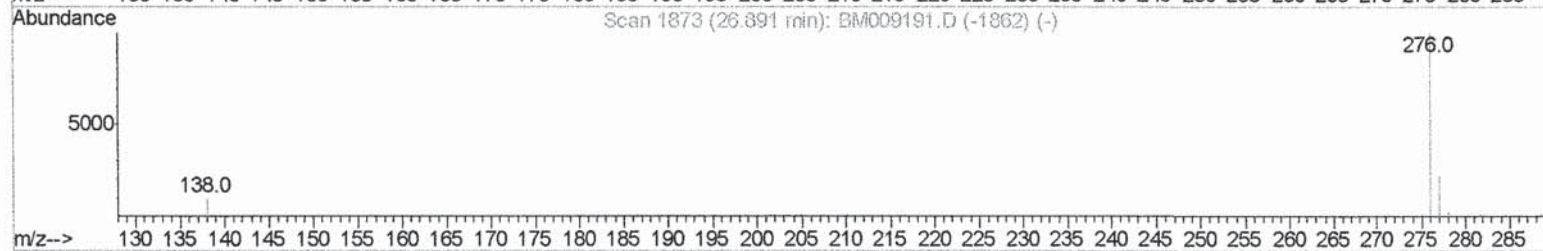
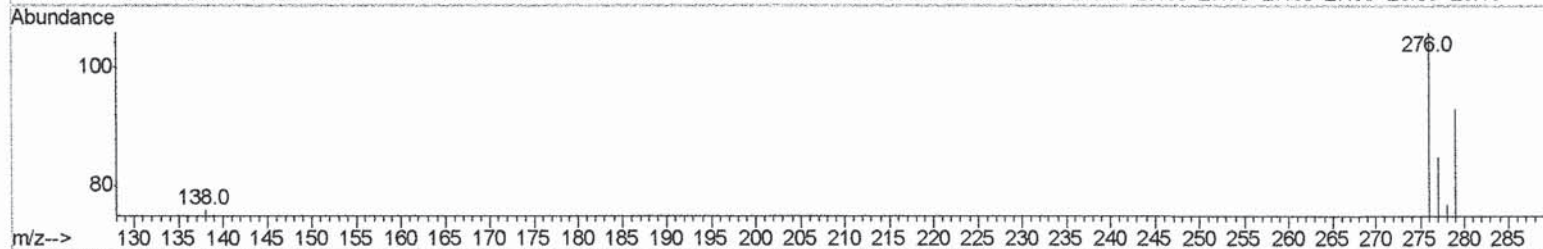
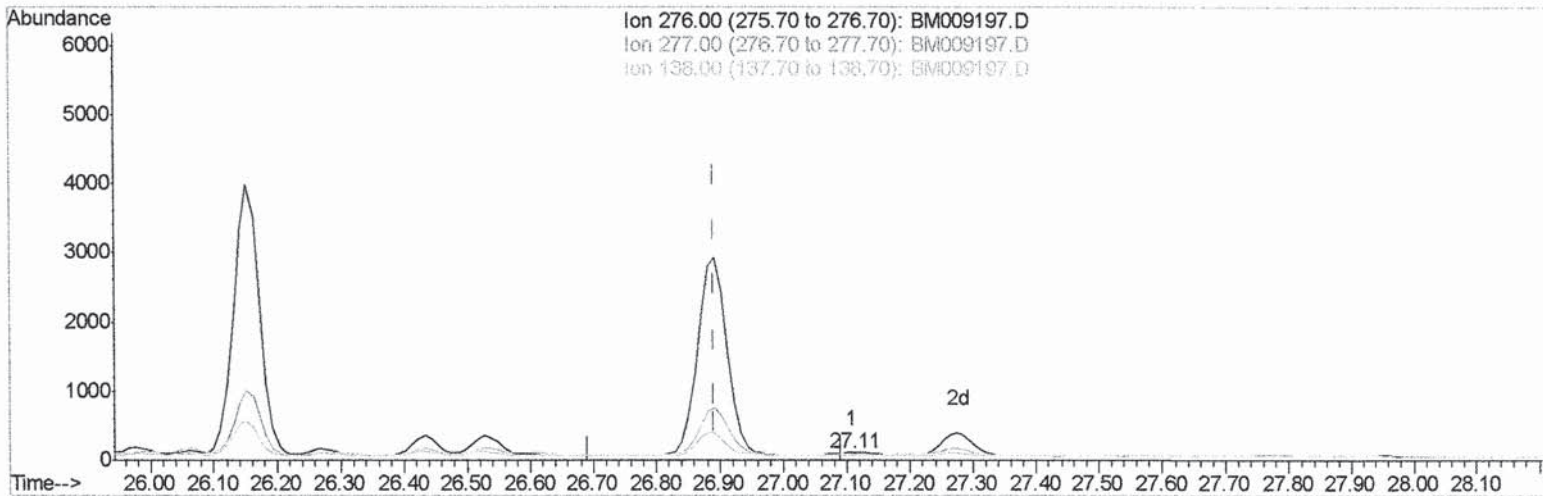
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

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

27.110min (+0.219) 0.03ng/ul

response 160

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	80.19#
138.00	25.60	71.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

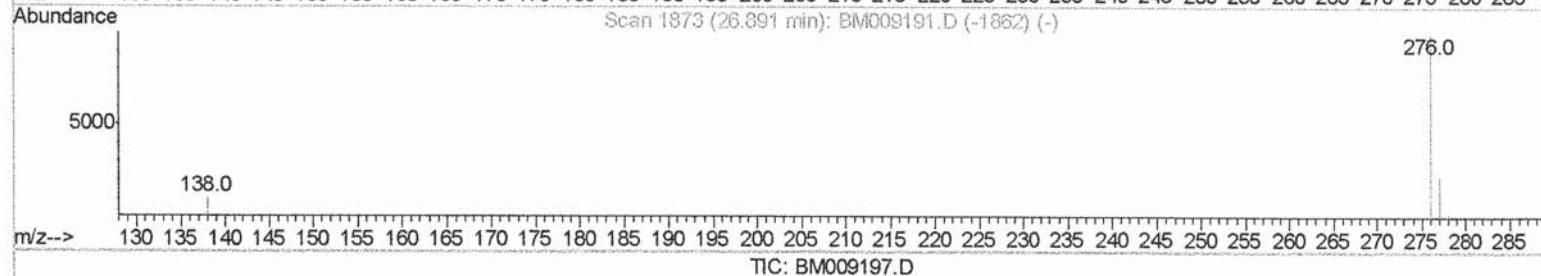
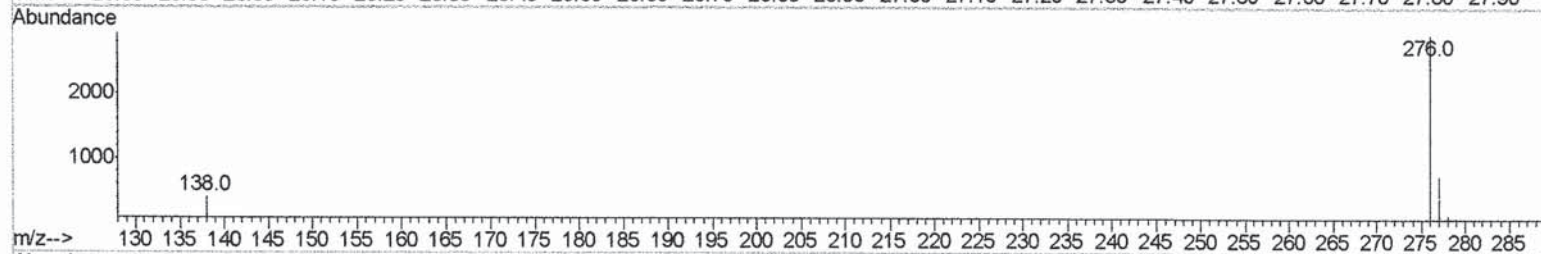
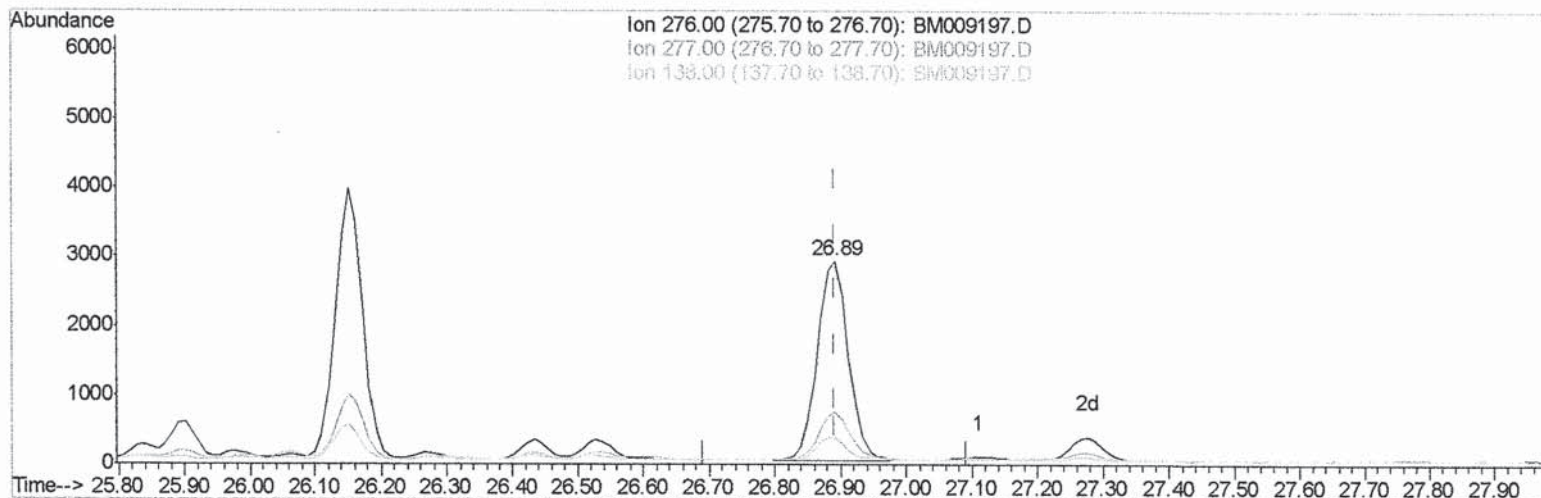
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



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

26.891 min (-0.000) 1.98ng/ul m

response 9447

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	25.63
138.00	25.60	13.55#
0.00	0.00	0.00

SJ
 03/13/17

Quantitation Report (Qedit)

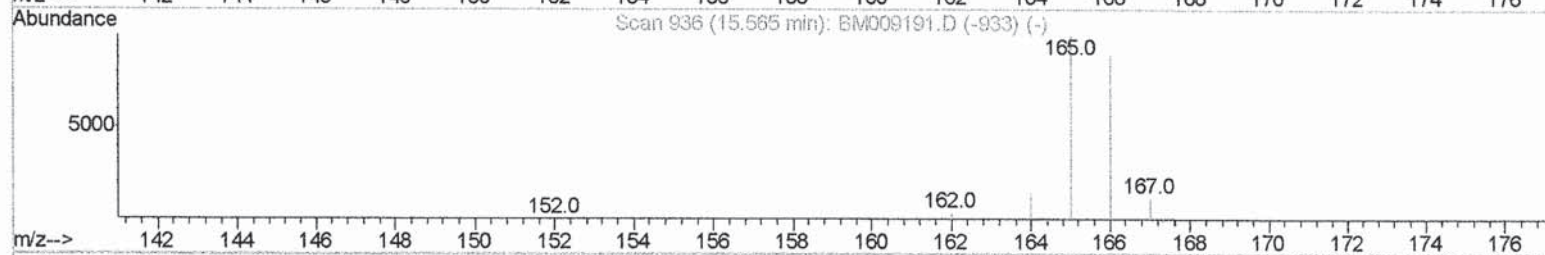
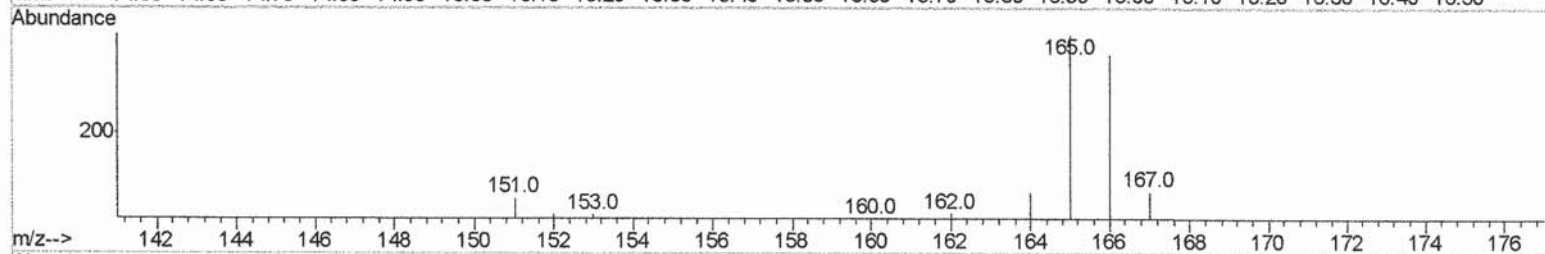
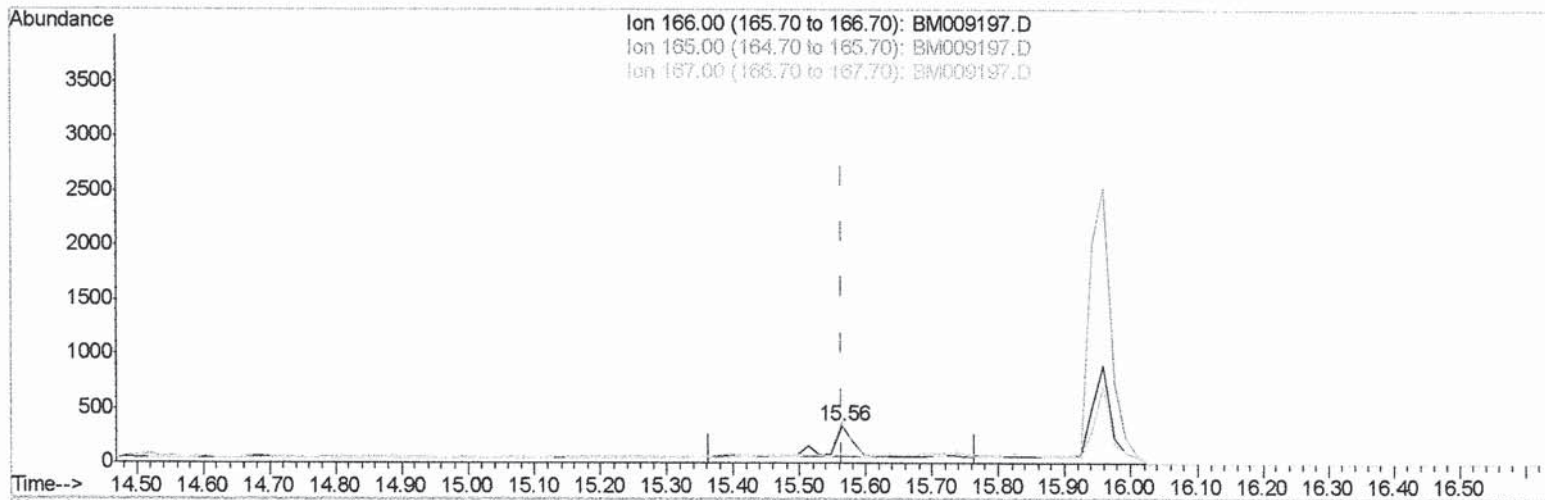
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0AK2

Manual Integrations
APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration



TIC: BM009197.D

(9) Fluorene

15.564min (-0.000) 0.27ng/ul

response 629

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	110.29#
167.00	18.30	28.53#
0.00	0.00	0.00

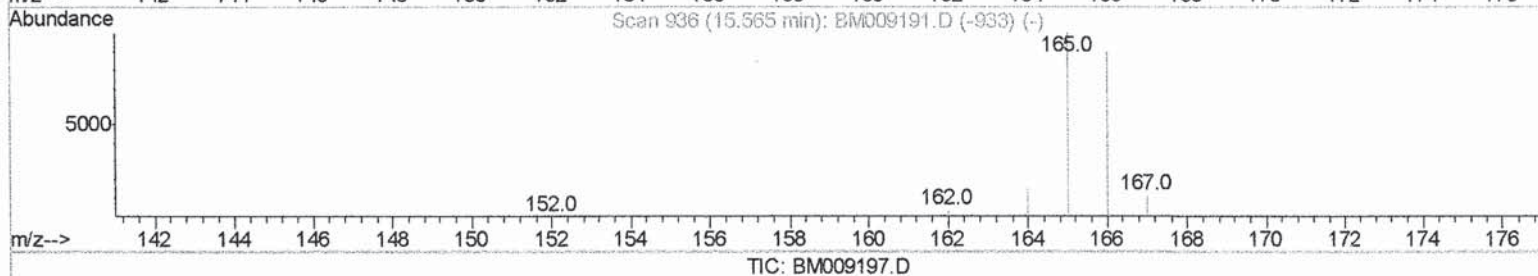
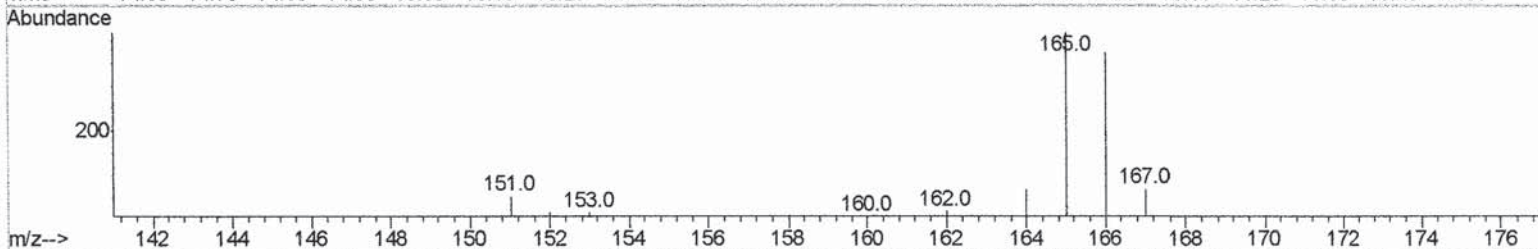
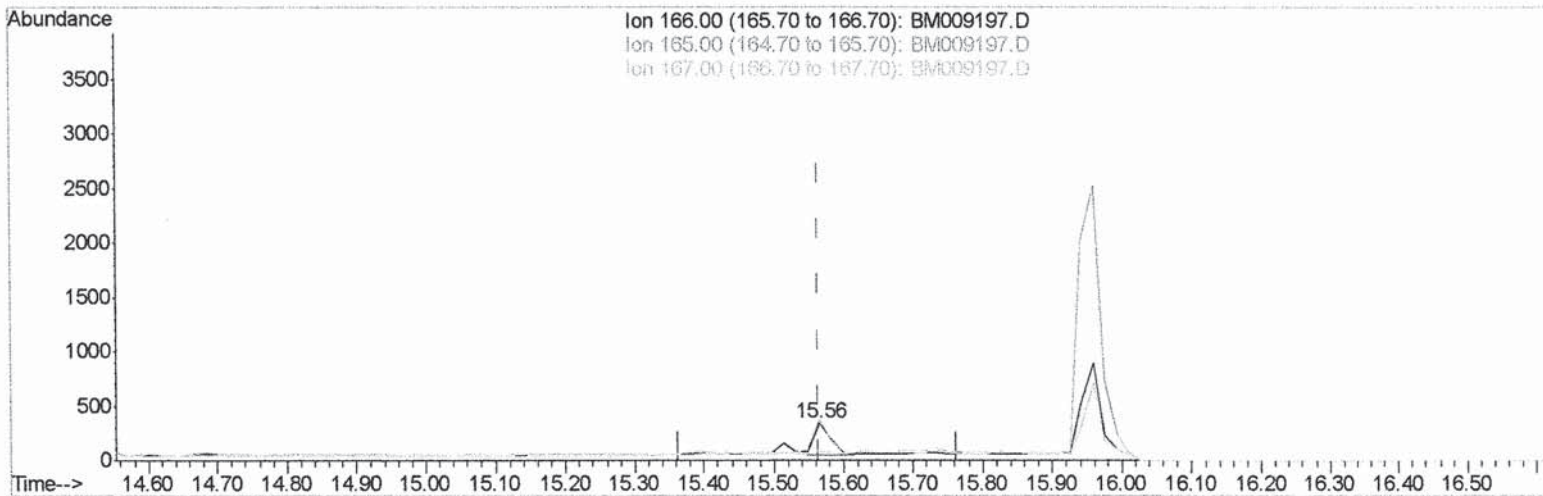
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK2

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:48:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration



TIC: BM009197.D

(9) Fluorene

15.564min (-0.000) 0.21ng/ul m

response 487

Ion	Exp%	Act%
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166.00	100	100
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165.00	91.80	110.29#
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167.00	18.30	28.53#
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0.00	0.00	0.00
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 04:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1135m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1221m	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1245m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	315	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	866	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	693	0.29	ng/ul#	85
5) 2-Methylnaphthalene	12.34	142	1068	0.63	ng/ul	100
7) Acenaphthylene	14.23	152	311	0.12	ng/ul#	57
8) Acenaphthene	14.57	153	745	0.37	ng/ul	93
9) Fluorene	15.56	166	487m	0.21	ng/ul	
12) Phenanthrene	17.30	178	21423m	6.01	ng/ul	
13) Anthracene	17.40	178	2942	0.84	ng/ul	94
15) Fluoranthene	19.33	202	46774	10.06	ng/ul	93
17) Pyrene	19.69	202	42562m	10.14	ng/ul	
18) Benzo(a)anthracene	21.42	228	29460m	7.26	ng/ul	
19) Chrysene	21.47	228	32975m	8.57	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	34371m	7.03	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	9048m	2.09	ng/ul	
23) Benzo(a)pyrene	23.67	252	17798m	4.04	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	11401m	2.04	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	4366m	0.93	ng/ul	
26) Benzo(a,h,i)perylene	26.89	276	9447m	1.98	ng/ul	

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