

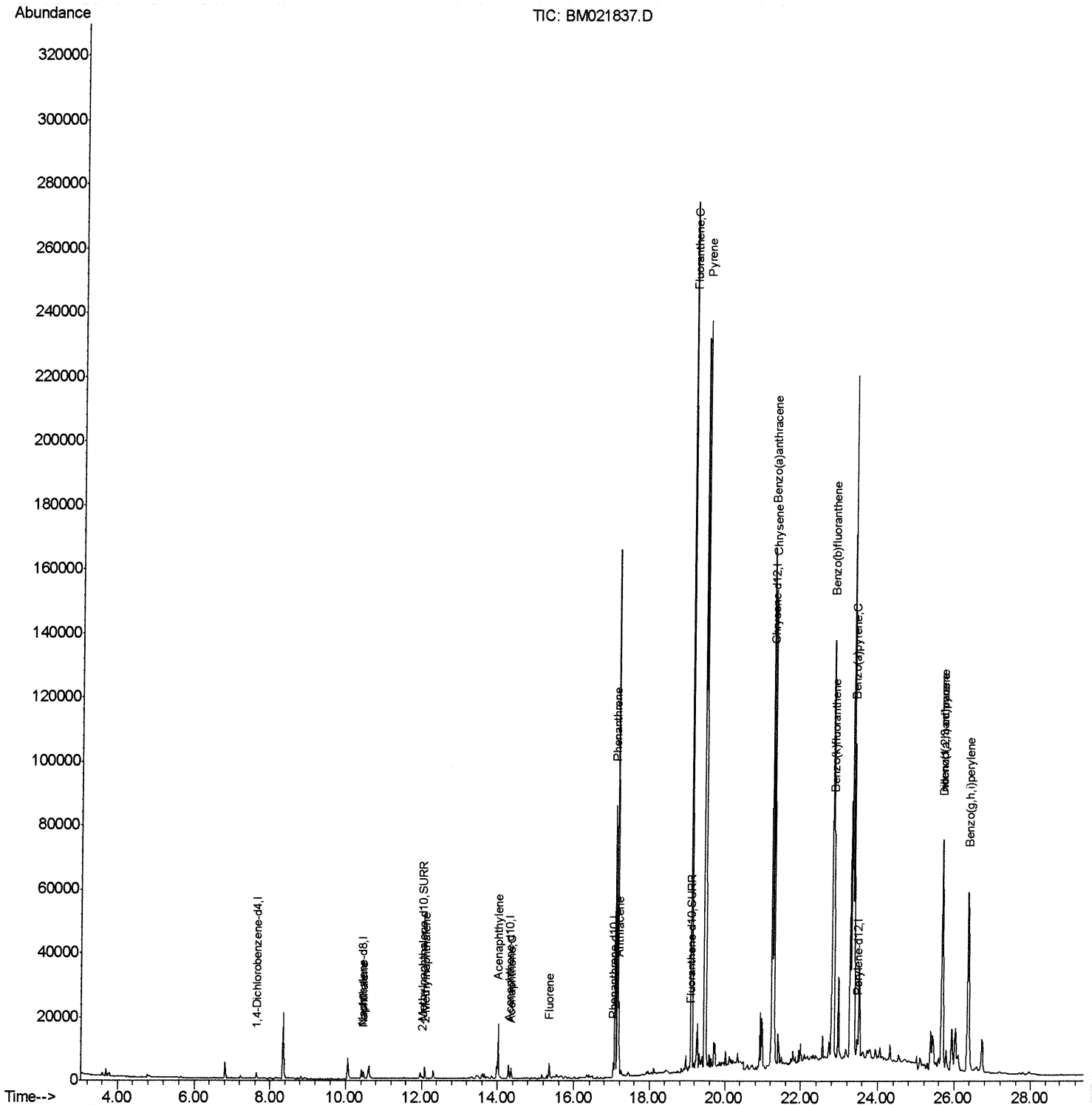
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:49:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

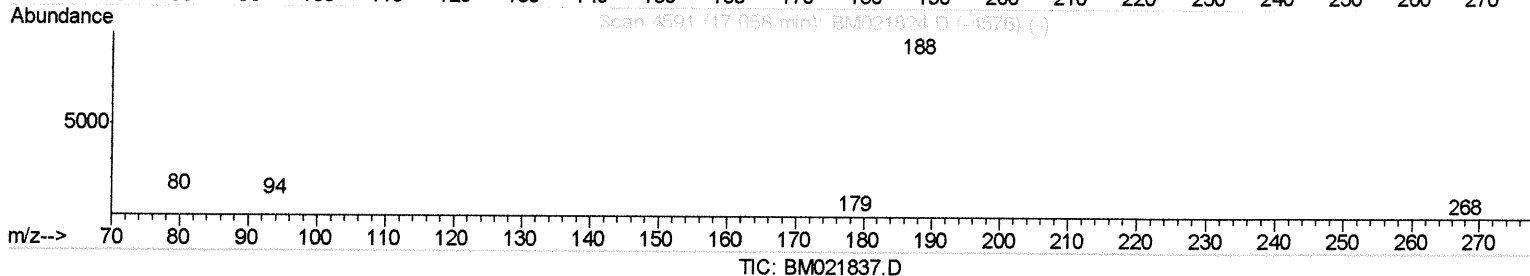
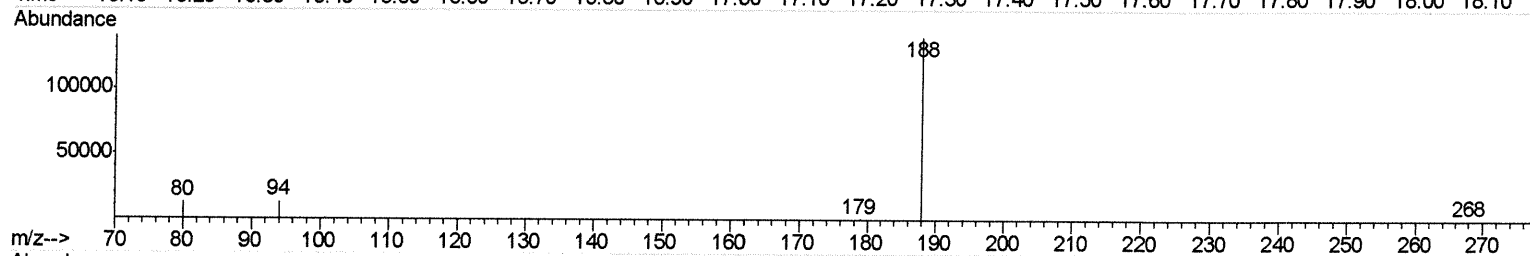
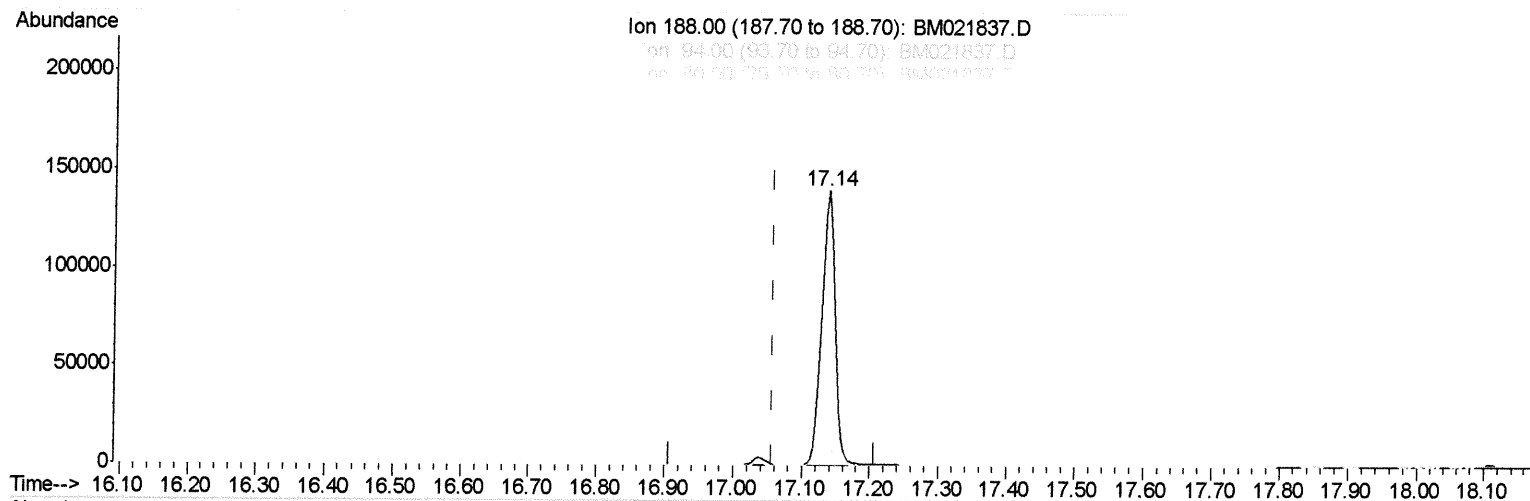
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.136min (+0.078) 0.40ng/ul

response 192601

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.22
80.00	11.40	8.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

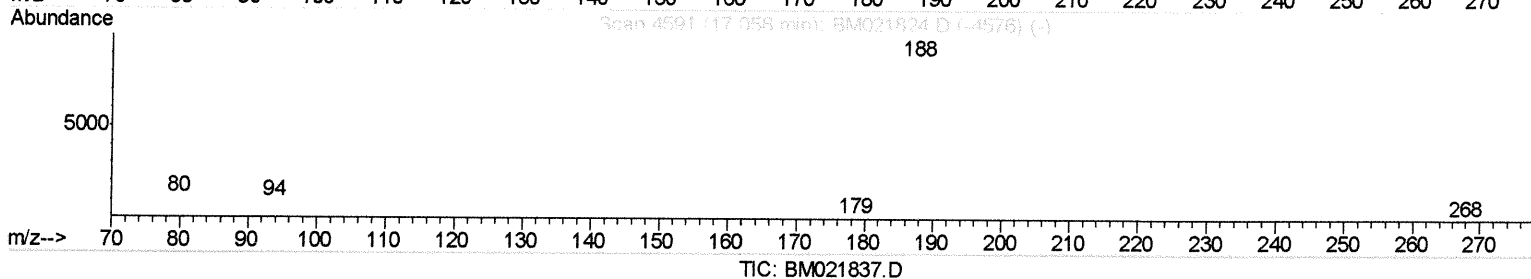
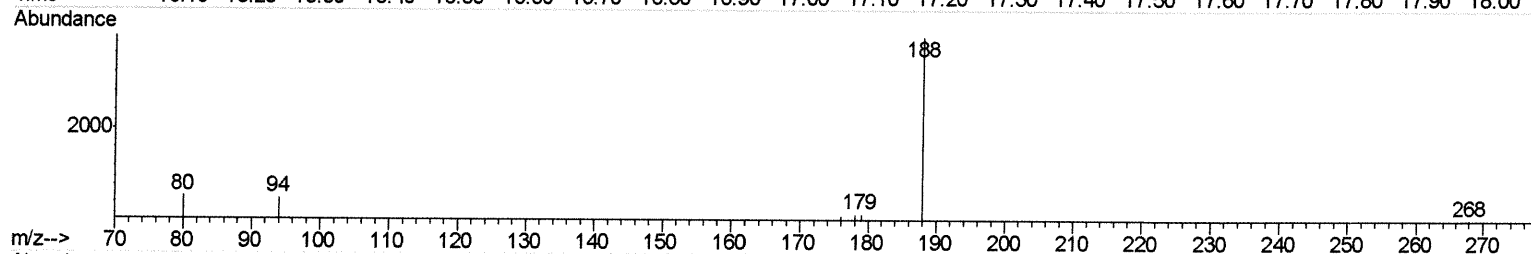
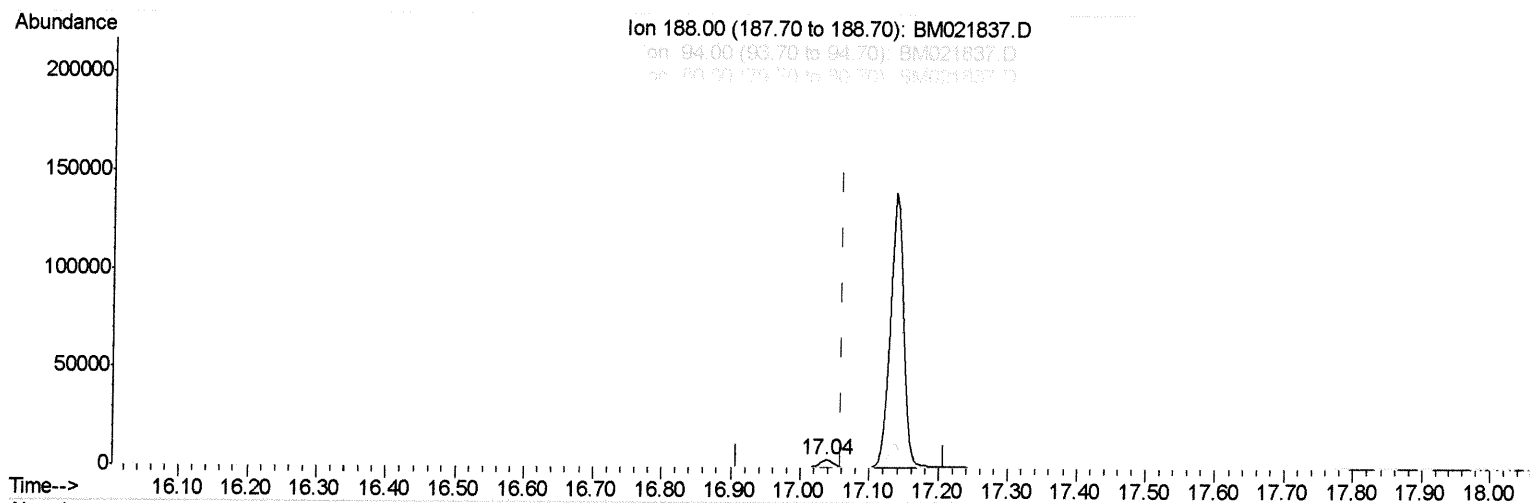
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.036min (-0.022) 0.40ng/ul m

JU
08/05/19

response 5681

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.46
80.00	11.40	13.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

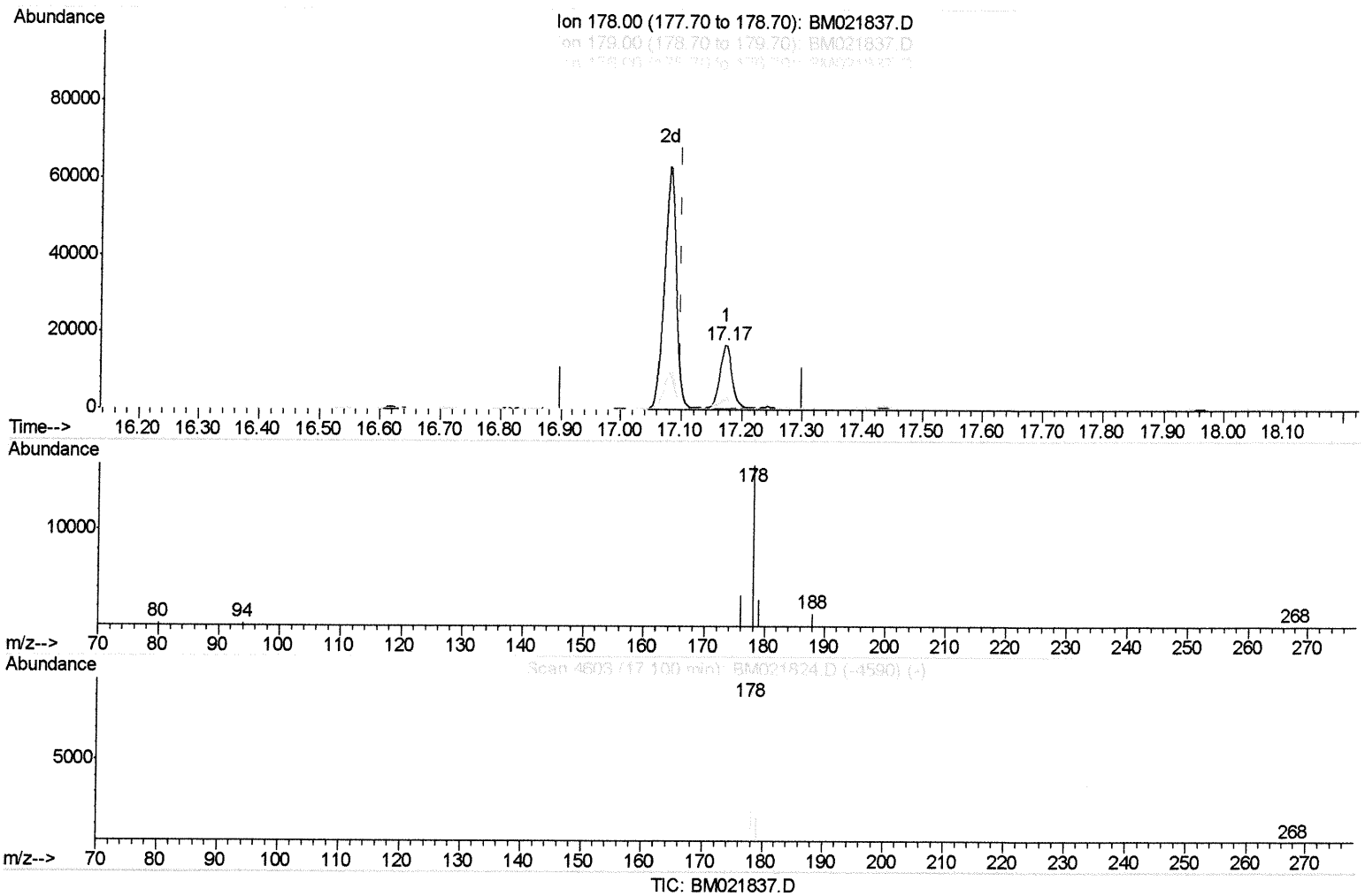
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(12) Phenanthrene

17.175min (+0.075) 1.39ng/ul

response 22950

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.80
176.00	21.00	19.39
0.00	0.00	0.00

Quantitation Report (Qedit)

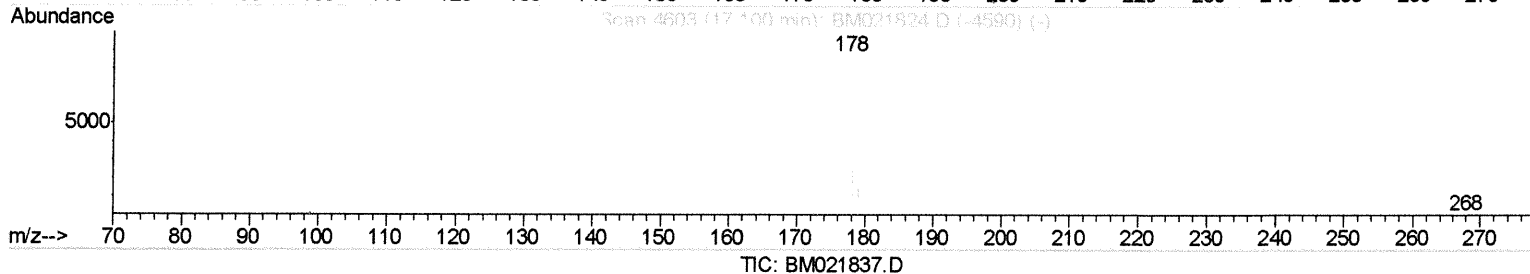
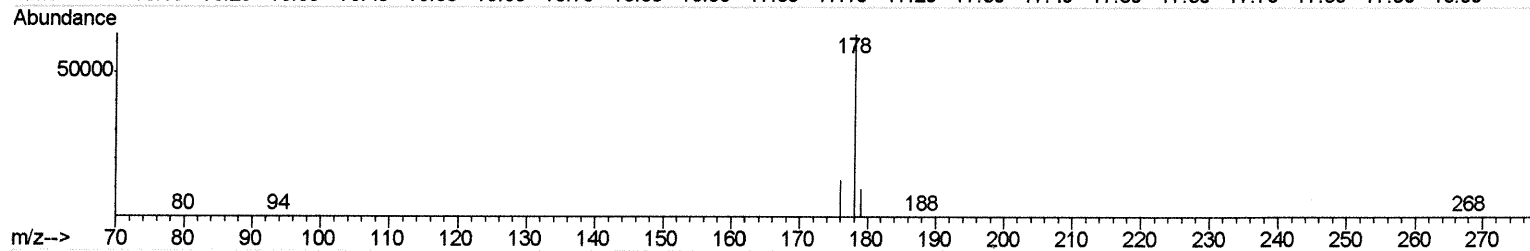
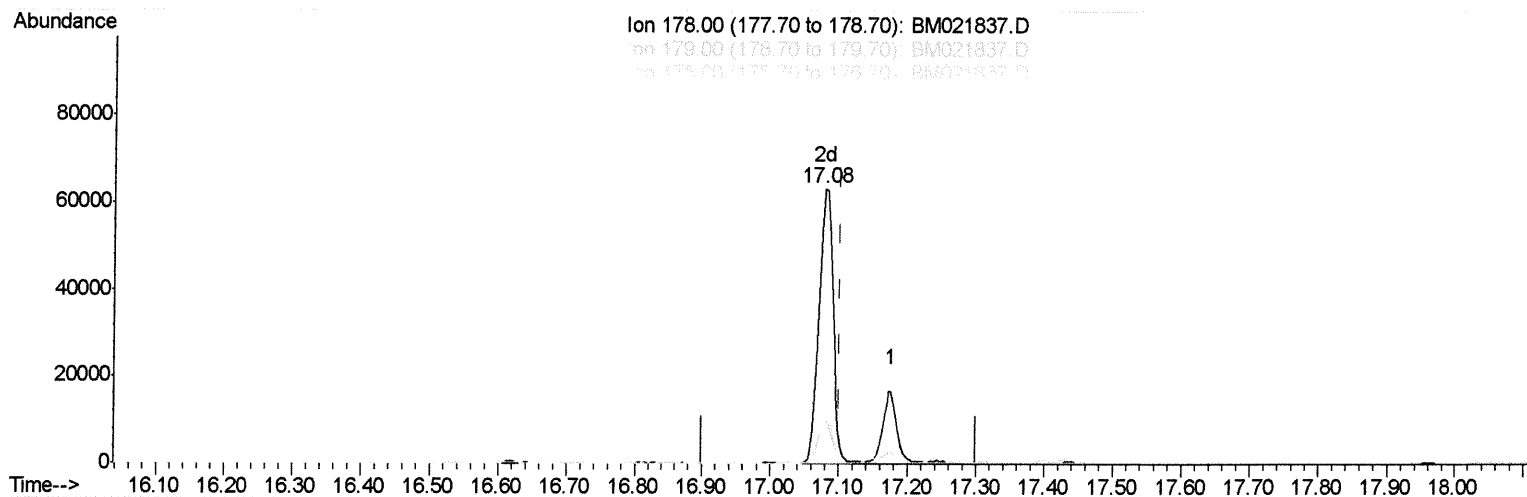
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.077min (-0.022) 5.35ng/ul m

JU 8/10/19

response 88384

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.43
176.00	21.00	19.86
0.00	0.00	0.00

Quantitation Report (Qedit)

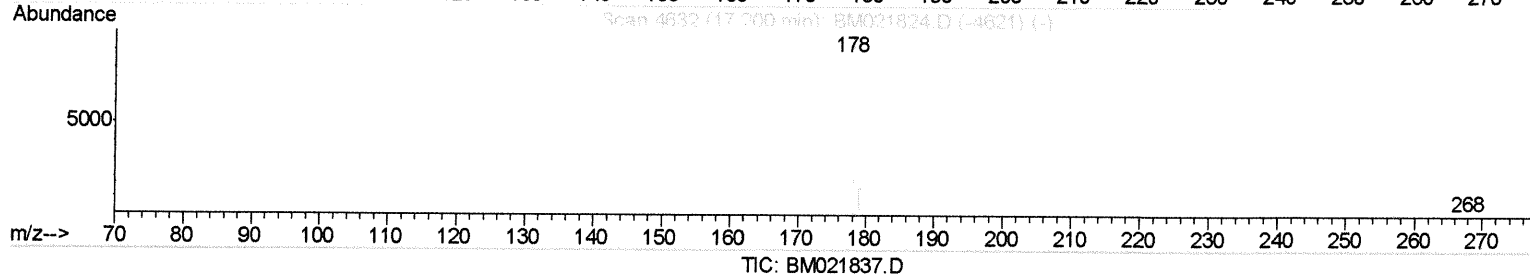
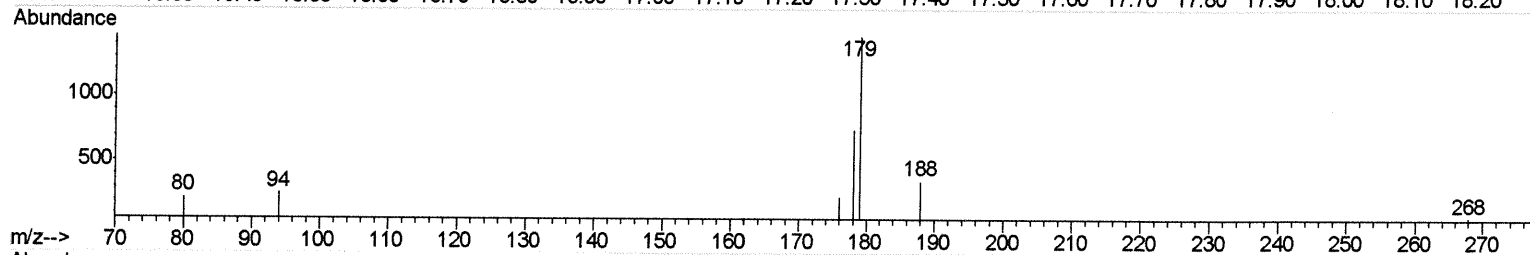
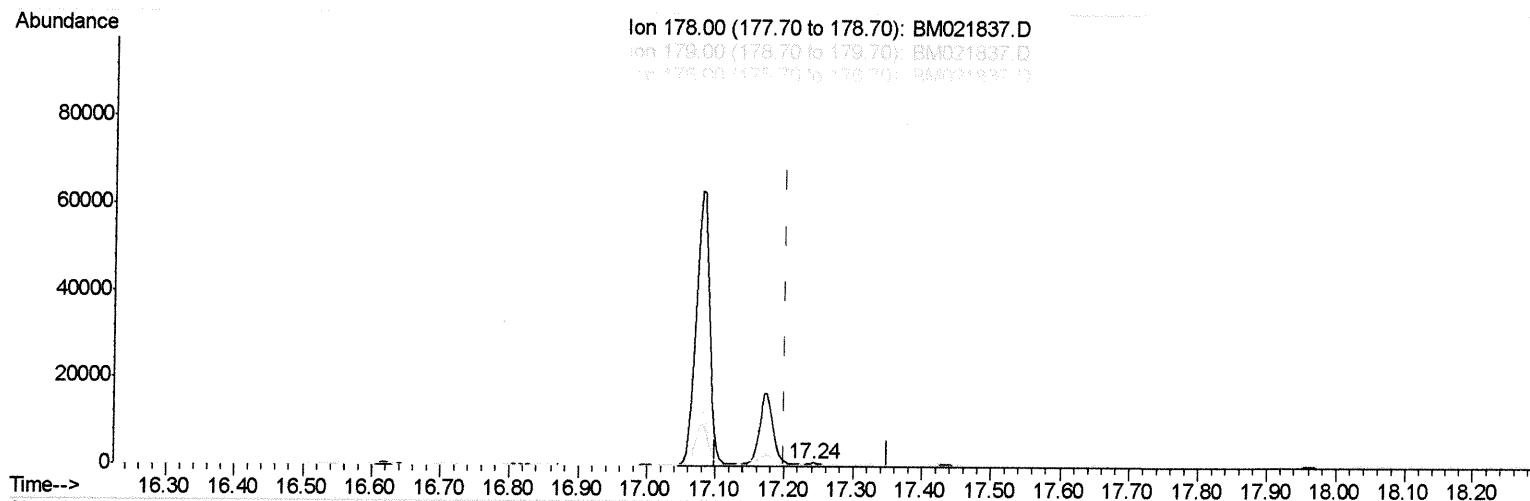
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(13) Anthracene

17.240min (+0.040) 0.05ng/ul

response 691

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	197.30#
176.00	20.80	30.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

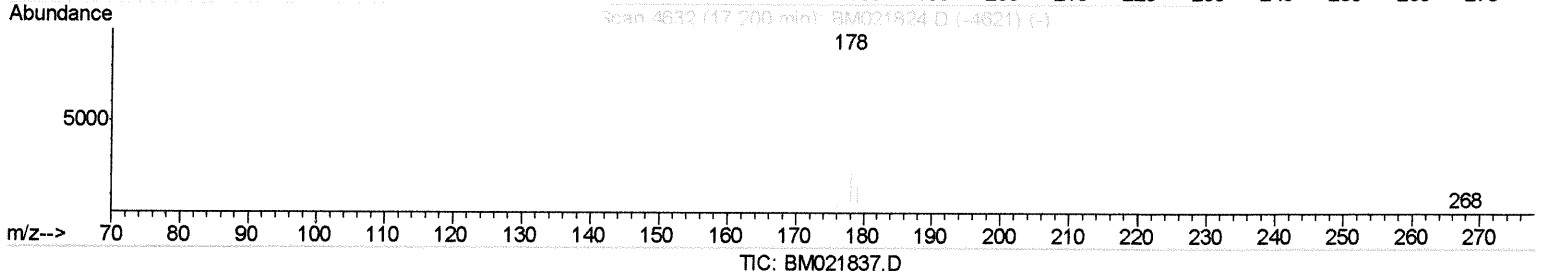
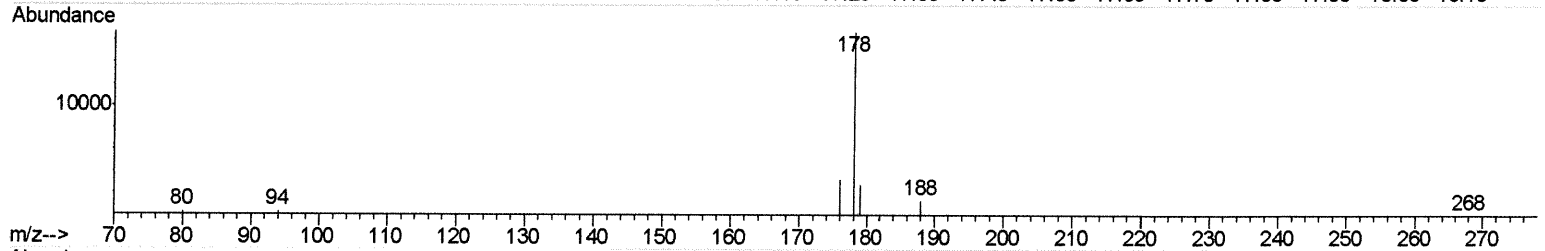
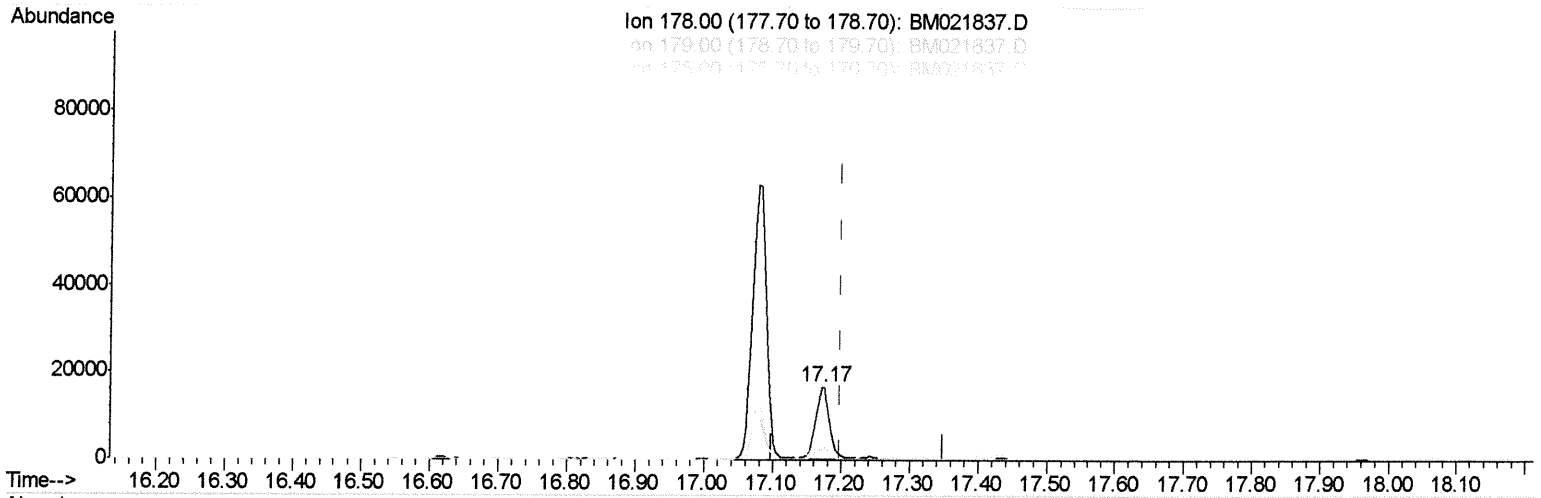
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(13) Anthracene

17.175min (-0.026) 1.69ng/ul m *Ju 08/05/19*

response 23884

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.80
176.00	20.80	19.39
0.00	0.00	0.00

Quantitation Report (Qedit)

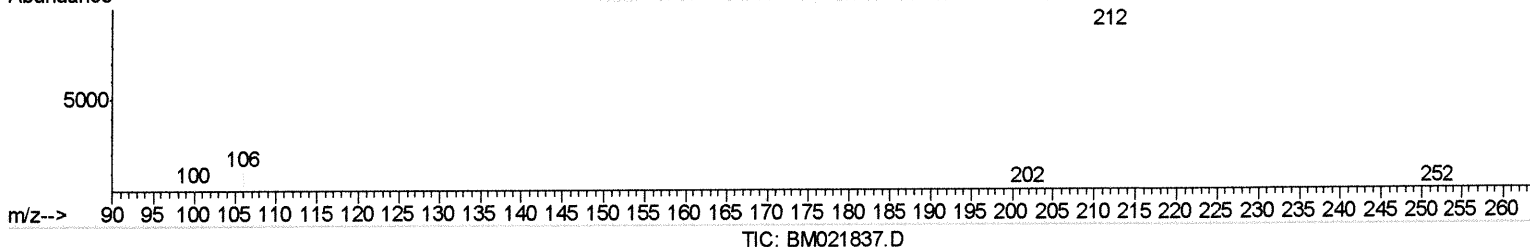
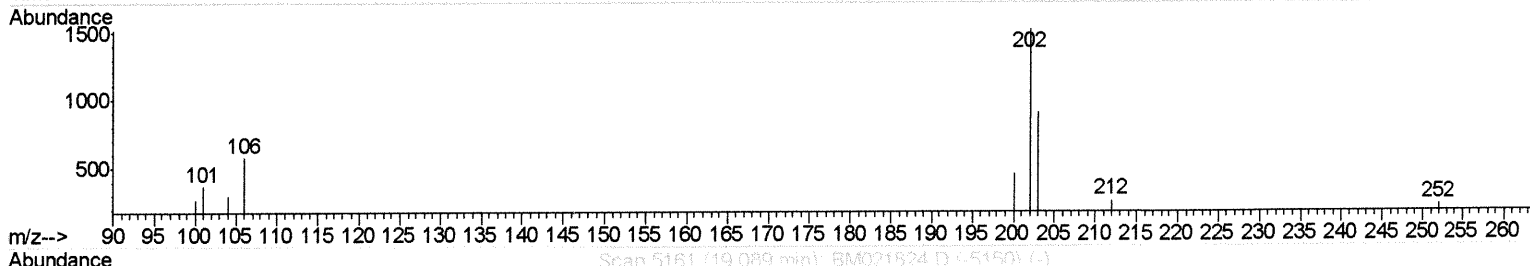
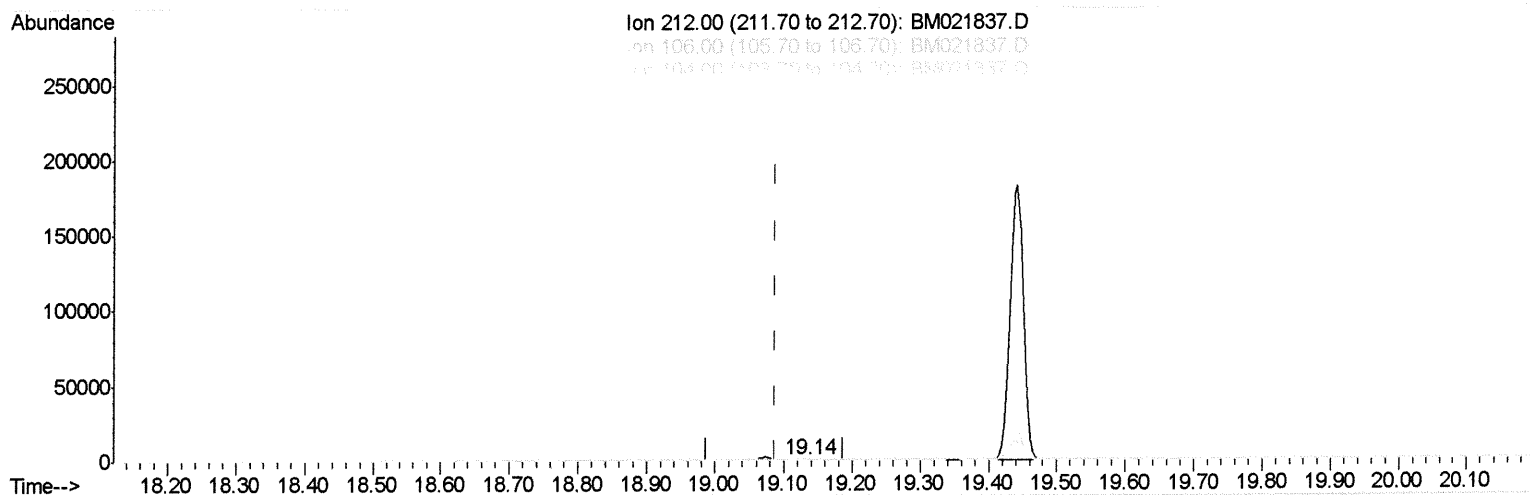
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.137min (+0.048) 0.01ng/ui

response 144

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	22.22#
104.00	6.00	10.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

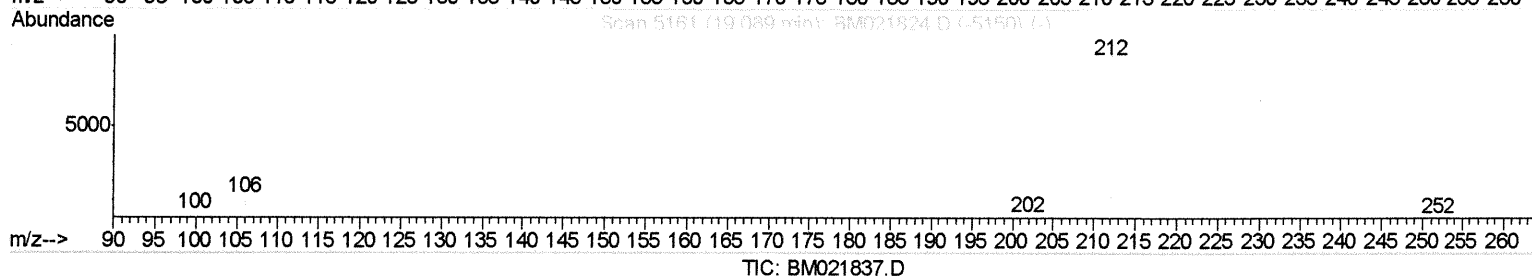
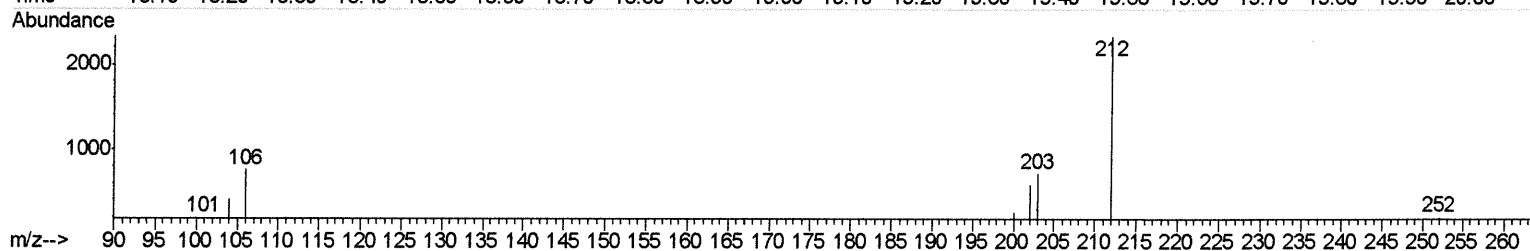
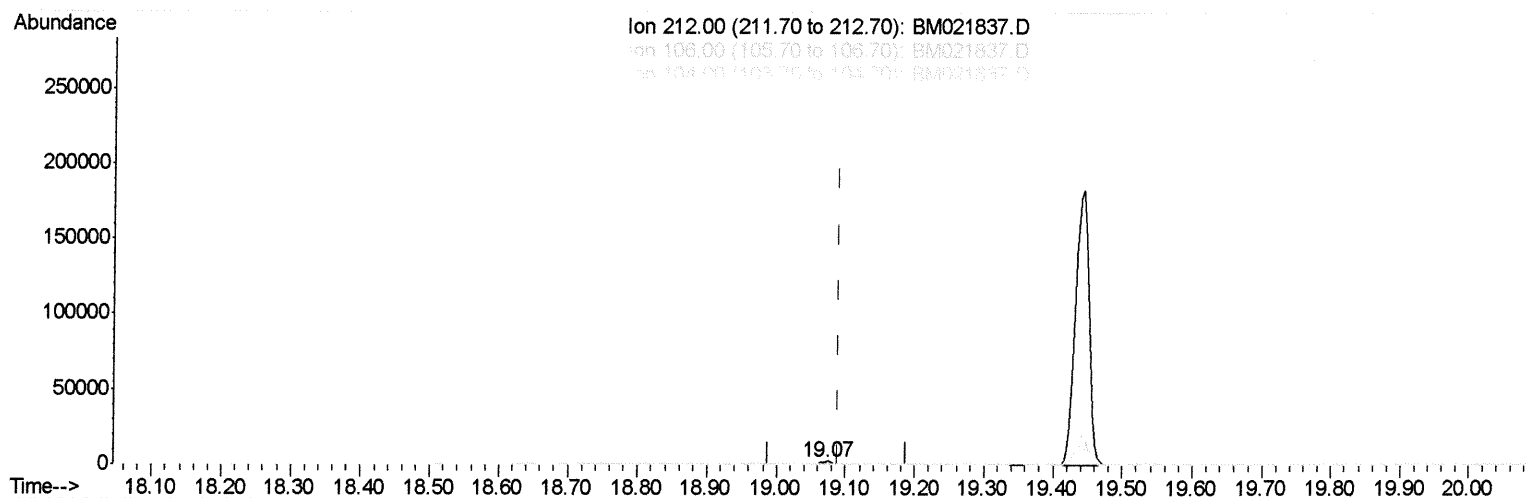
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.072min (-0.017) 0.18ng/ul m

JU
08/05/19

response 3377

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.95#
104.00	6.00	0.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

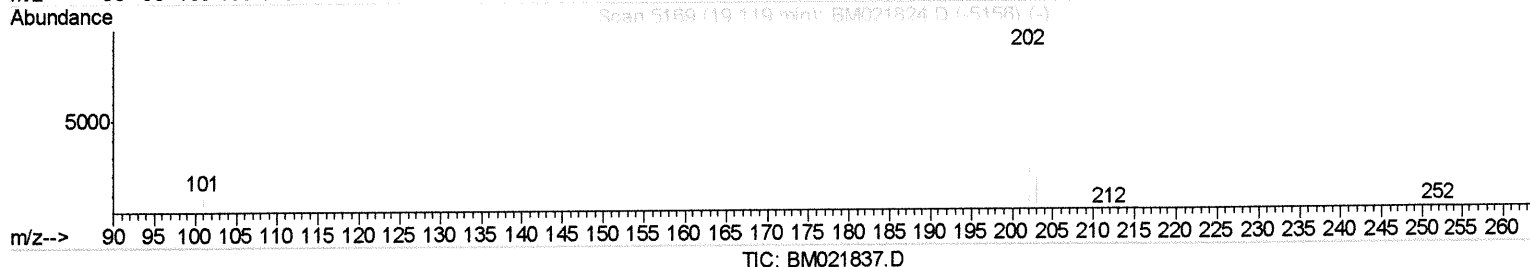
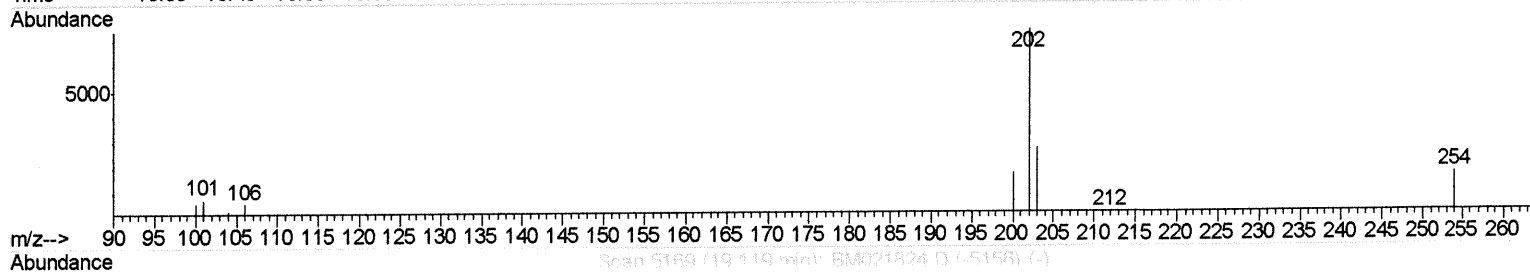
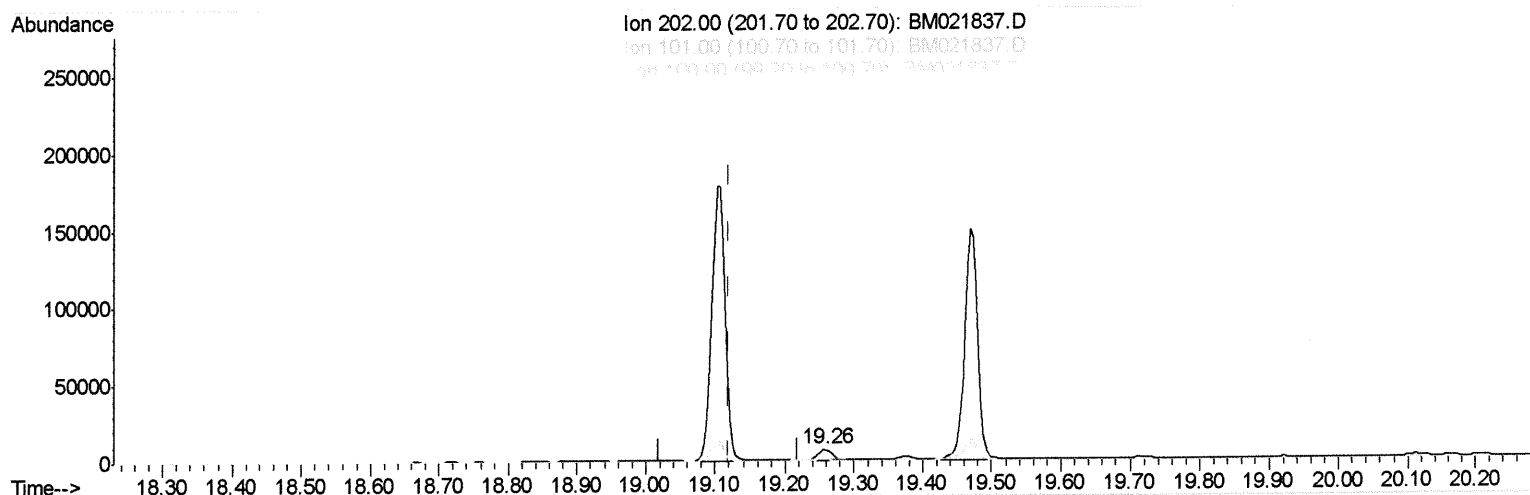
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.259min (+0.139) 0.40ng/ul

response 8798

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.33
100.00	8.10	7.99
0.00	0.00	0.00

Quantitation Report (Qedit)

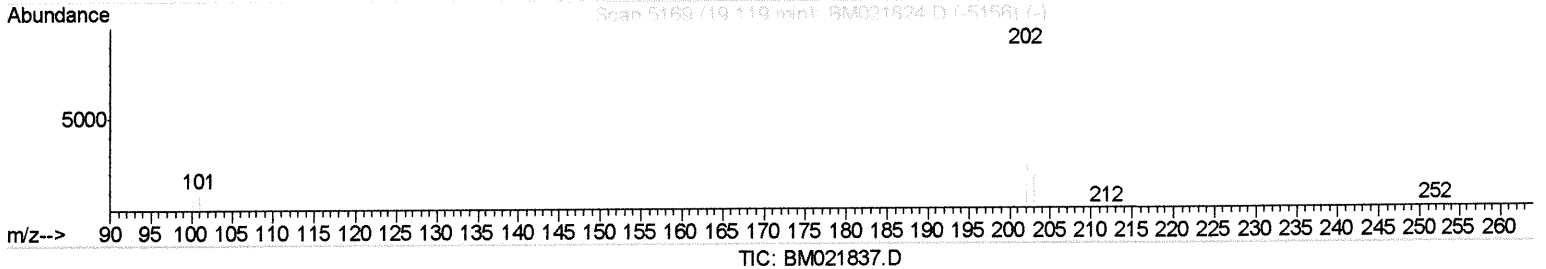
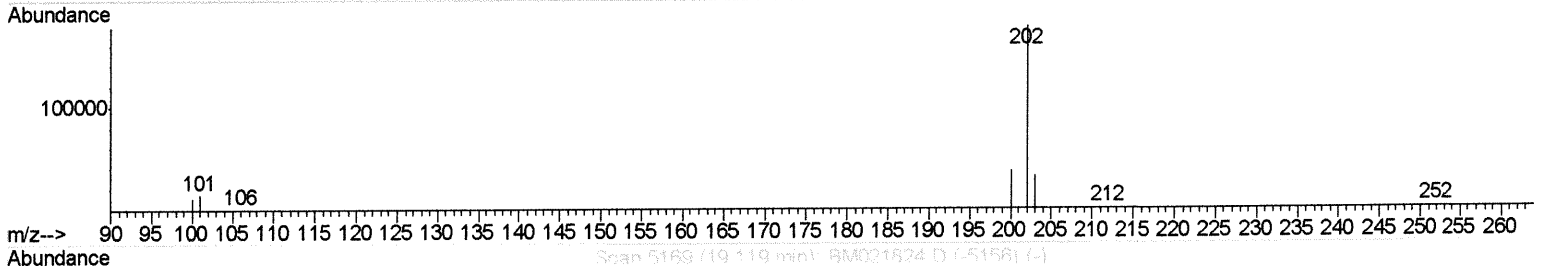
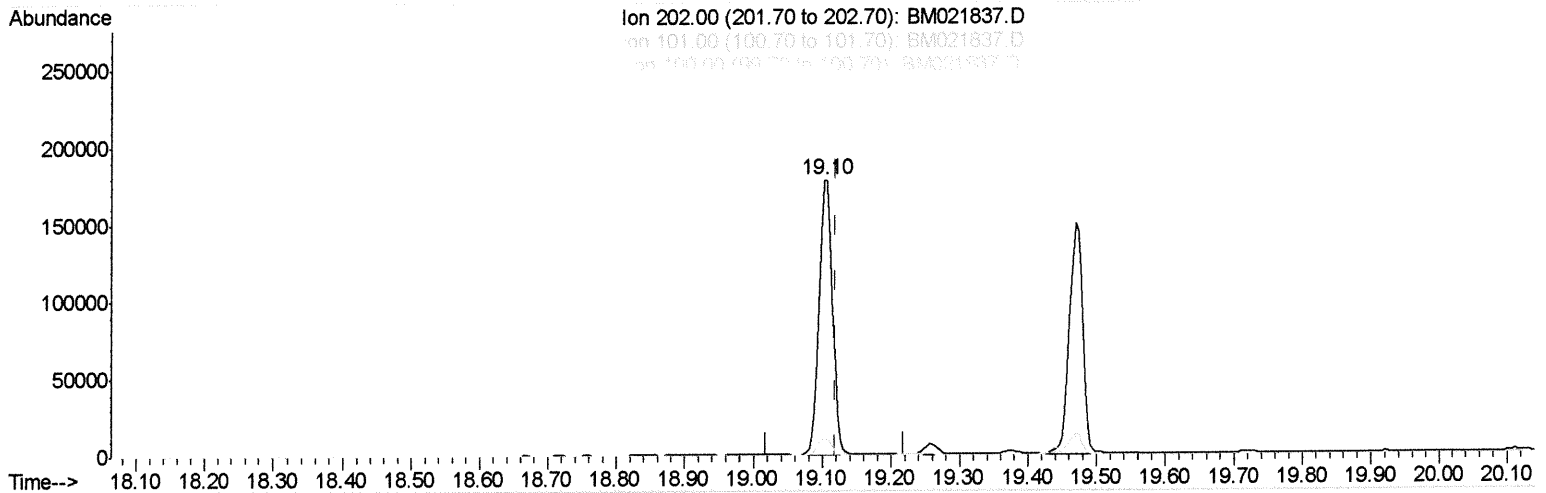
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.102min (-0.017) 10.87ng/ul m

JU
08/05/19

response 240685

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.27
100.00	8.10	6.44
0.00	0.00	0.00

Quantitation Report (Qedit)

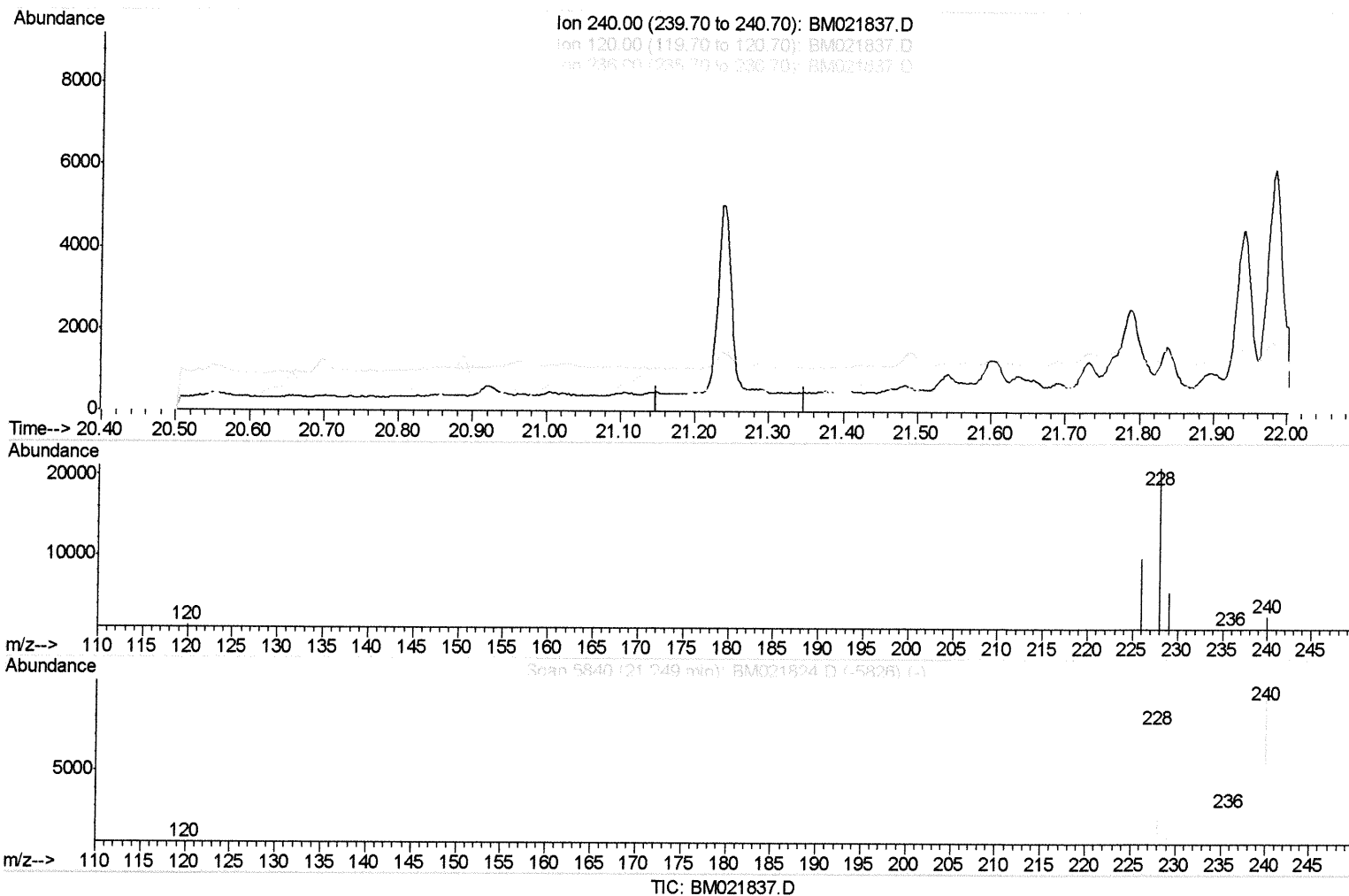
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.249min (-21.249) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

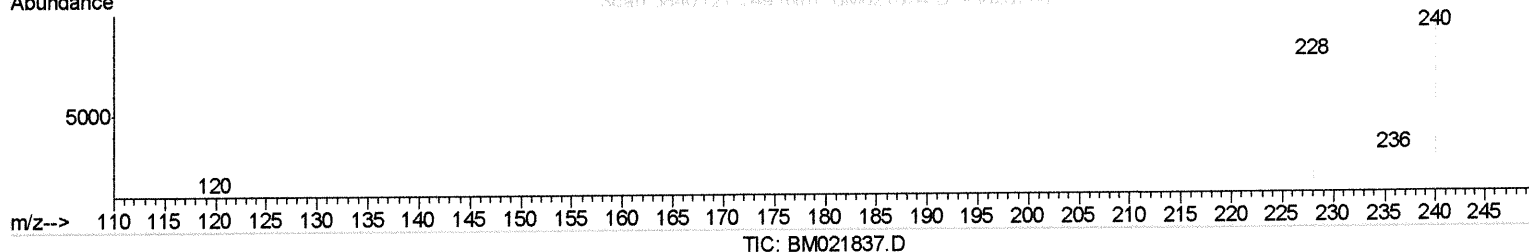
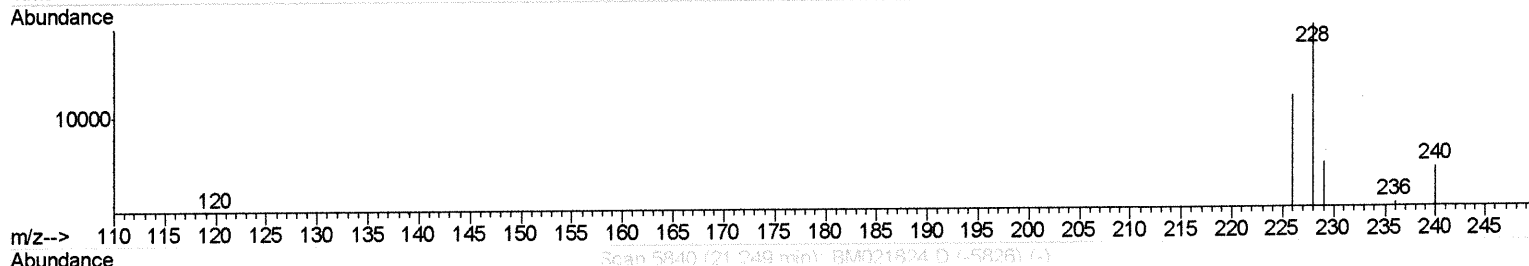
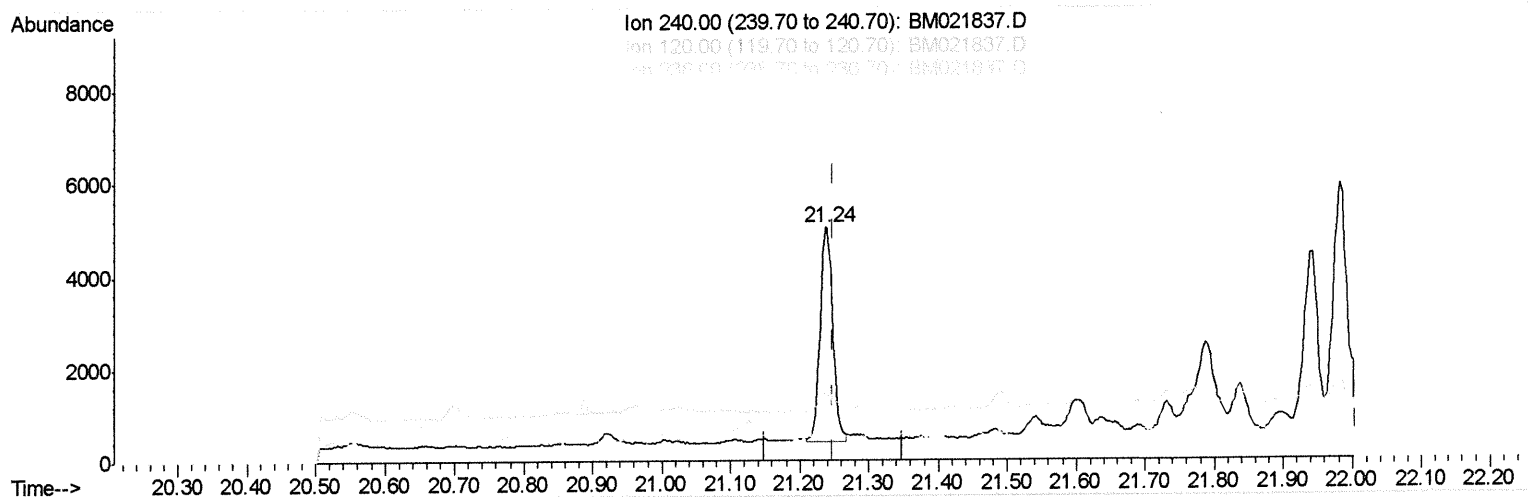
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.239min (-0.010) 0.40ng/ul m

JU
 05/05/19

response 5840

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	28.99#
236.00	32.30	35.87
0.00	0.00	0.00

Quantitation Report (Qedit)

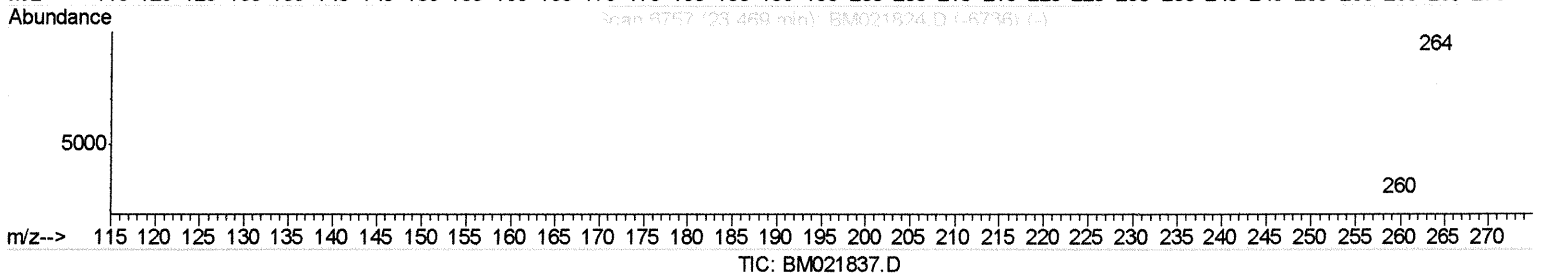
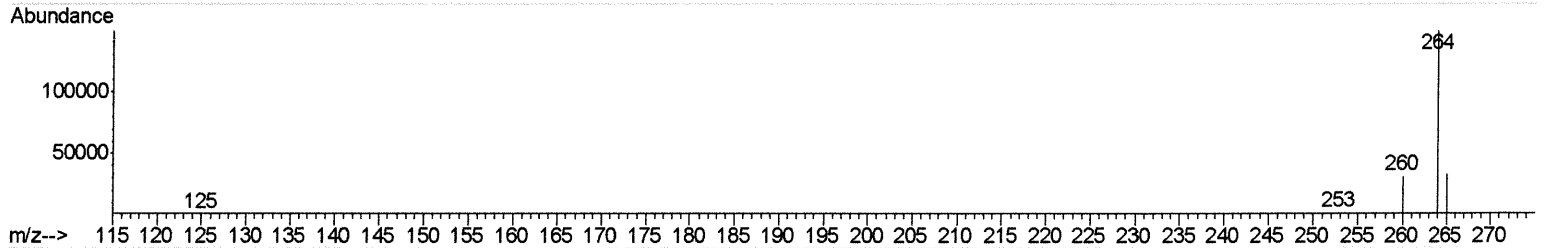
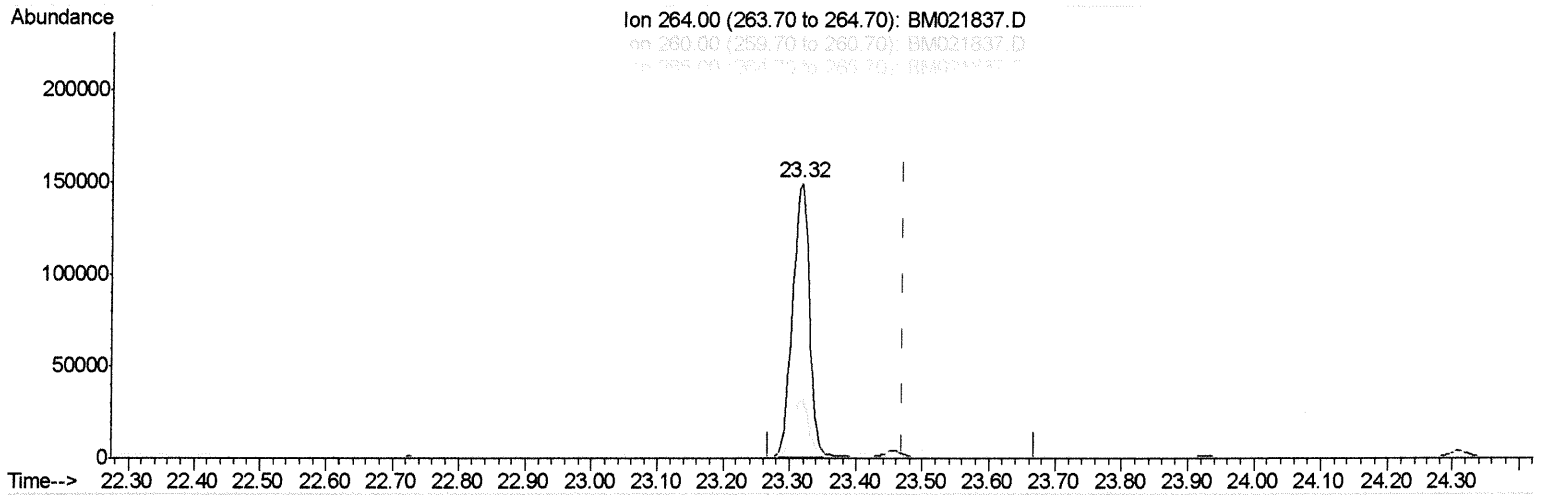
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:44:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.316min (-0.153) 0.40ng/ul

response 261465

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.07#
265.00	117.00	22.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

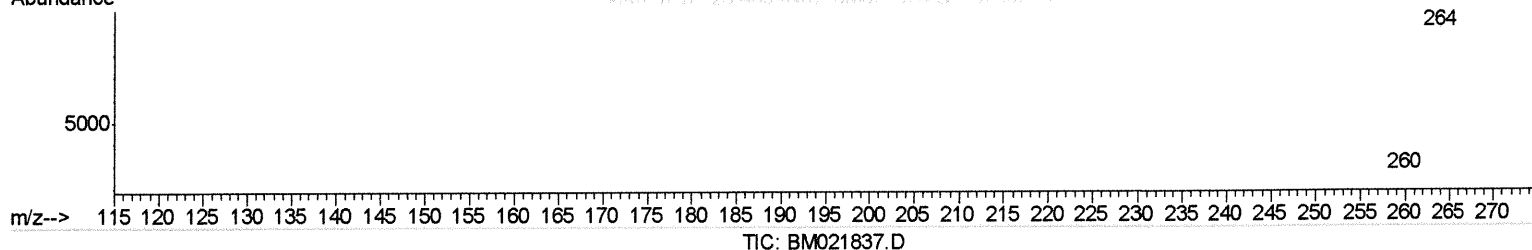
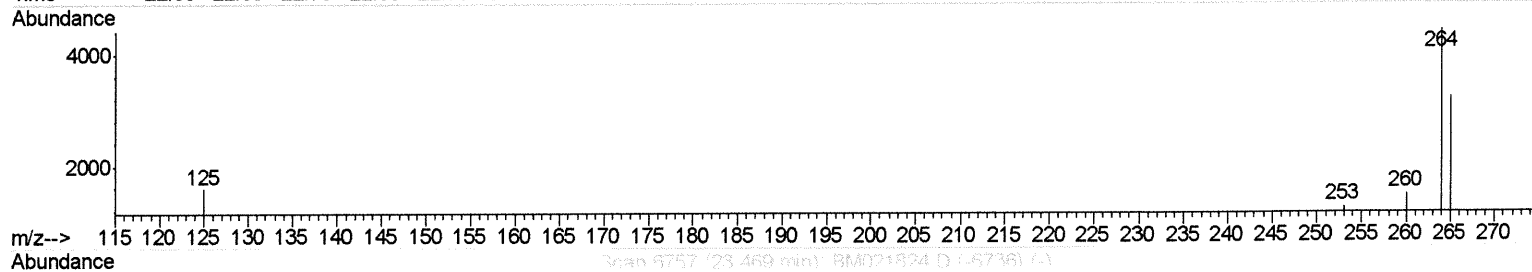
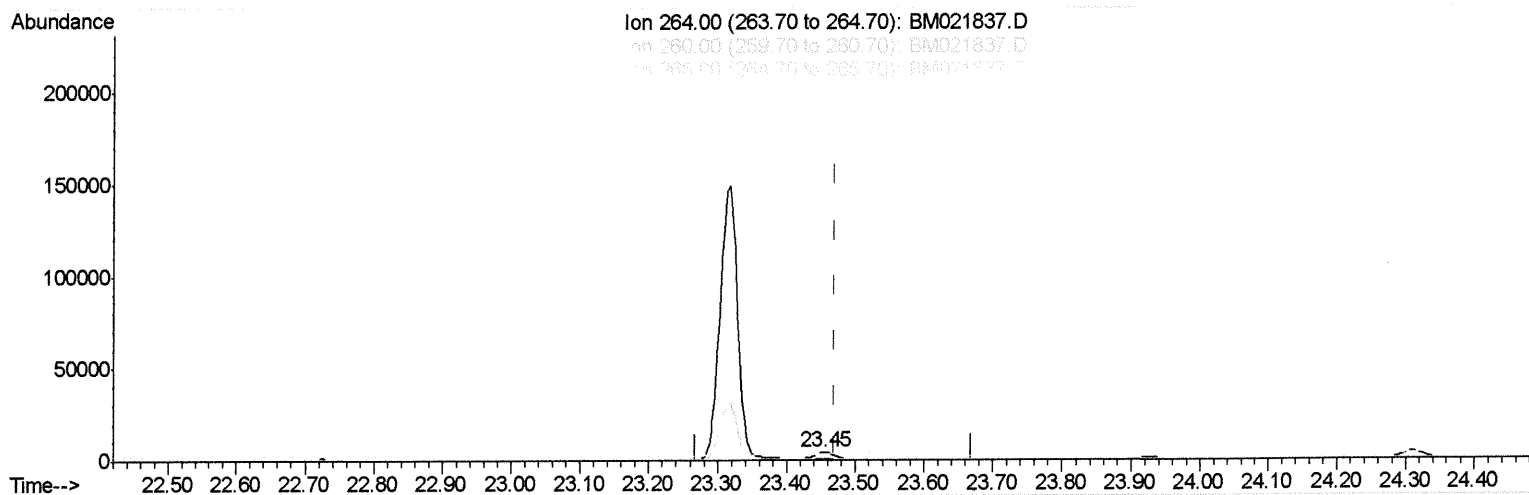
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:44:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.455min (-0.015) 0.40ng/ul m

JU
8/5/19

response 6245

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	33.57#
265.00	117.00	72.99#
0.00	0.00	0.00

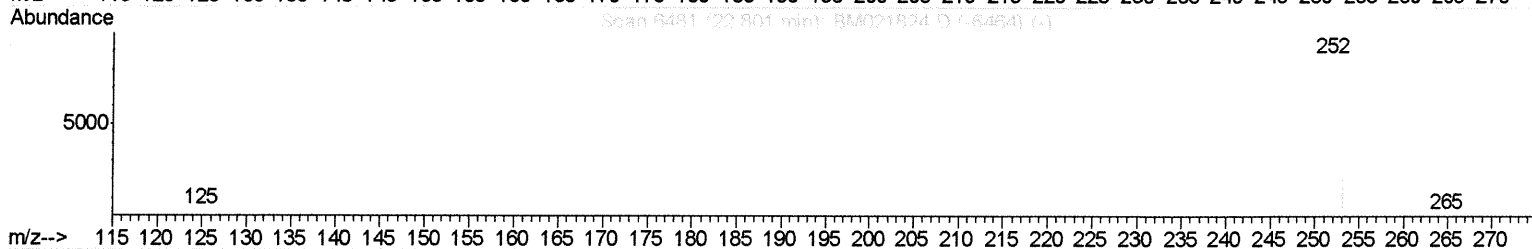
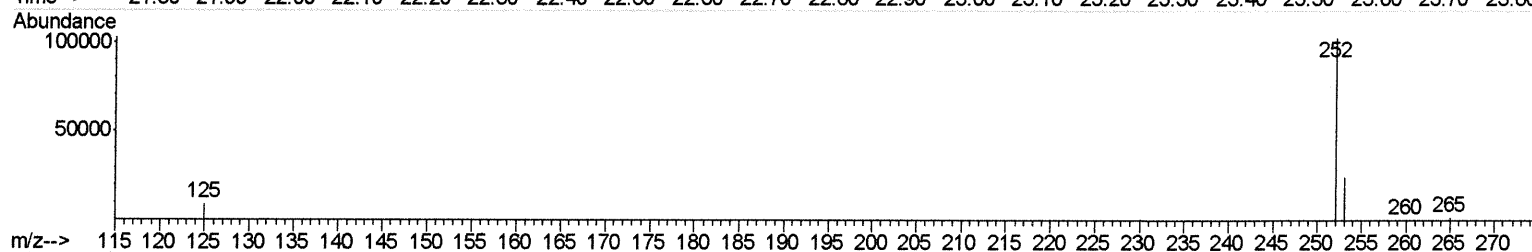
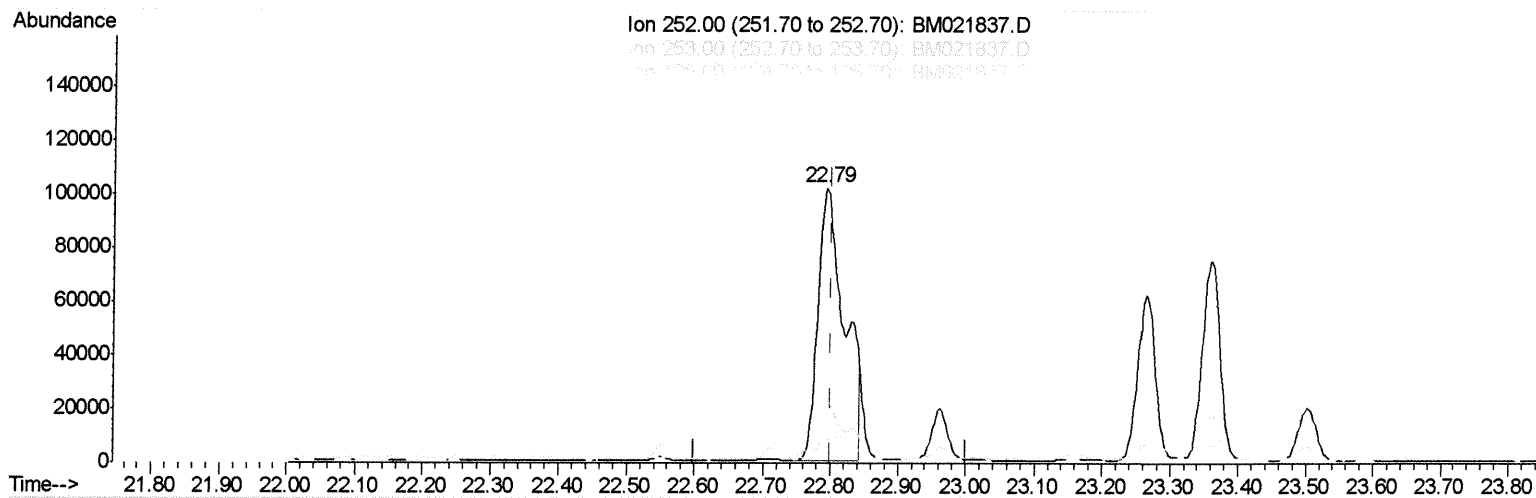
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021837.D

(21) Benzo(b)fluoranthene

22.793min (-0.008) 13.02ng/ul

response 274213

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.28
125.00	15.50	8.59
0.00	0.00	0.00

Quantitation Report (Qedit)

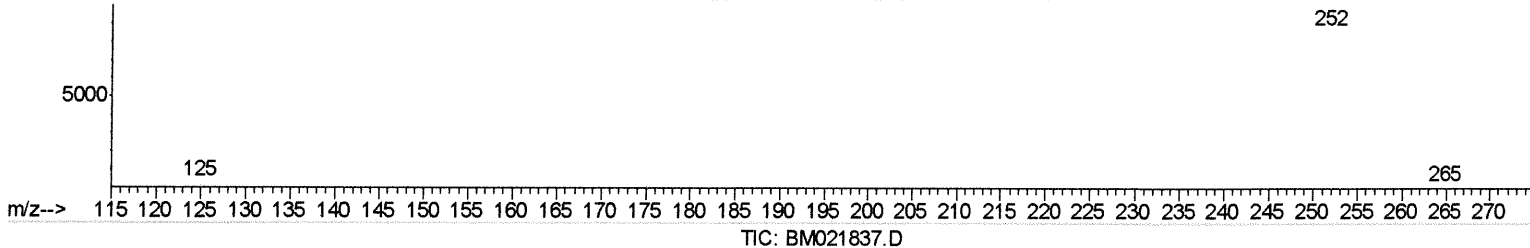
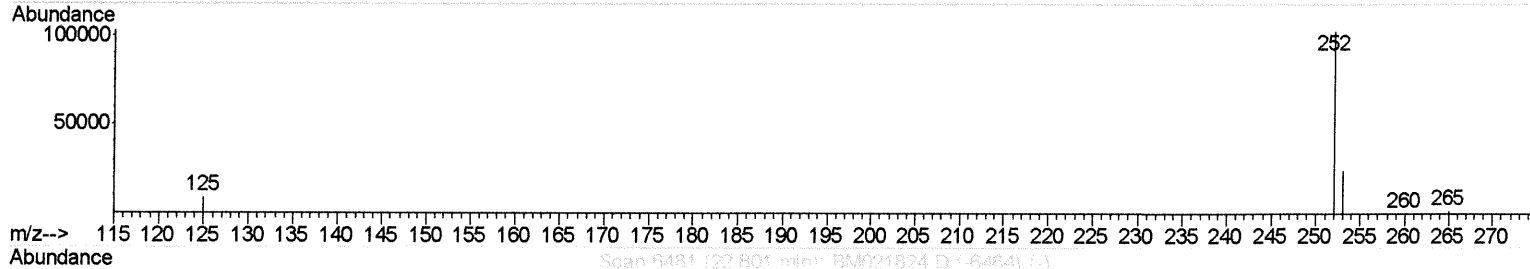
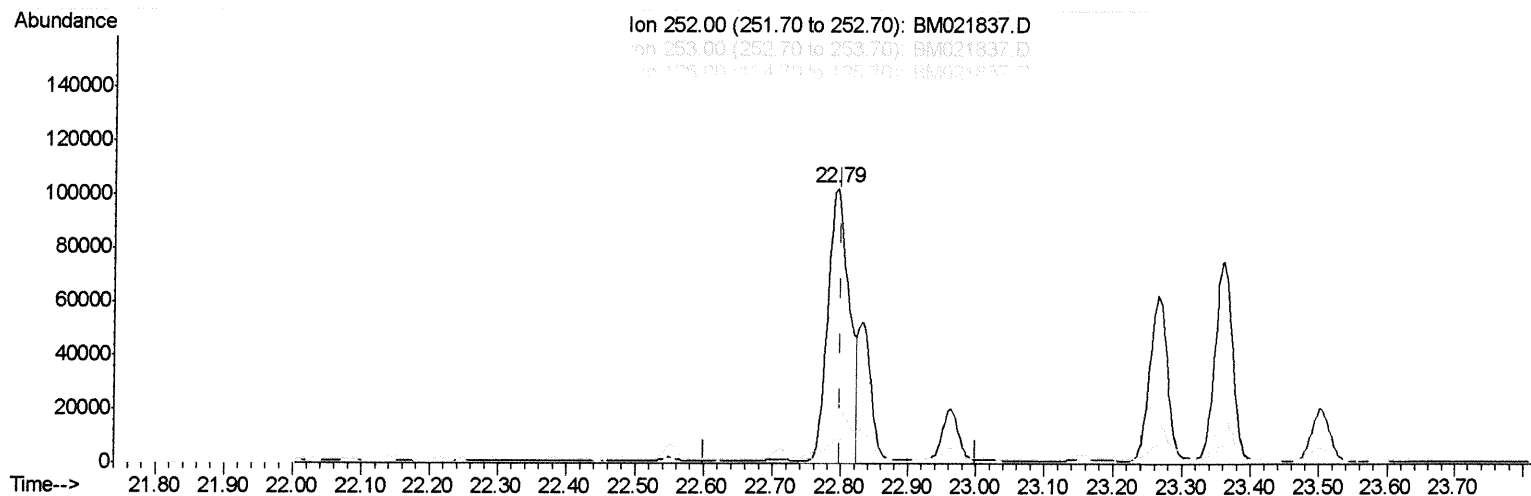
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENS2

Manual Integrations
APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.793min (-0.008) 10.66ng/ul m

JU
08/05/19

response 224475

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.28
125.00	15.50	8.59
0.00	0.00	0.00

Quantitation Report (Qedit)

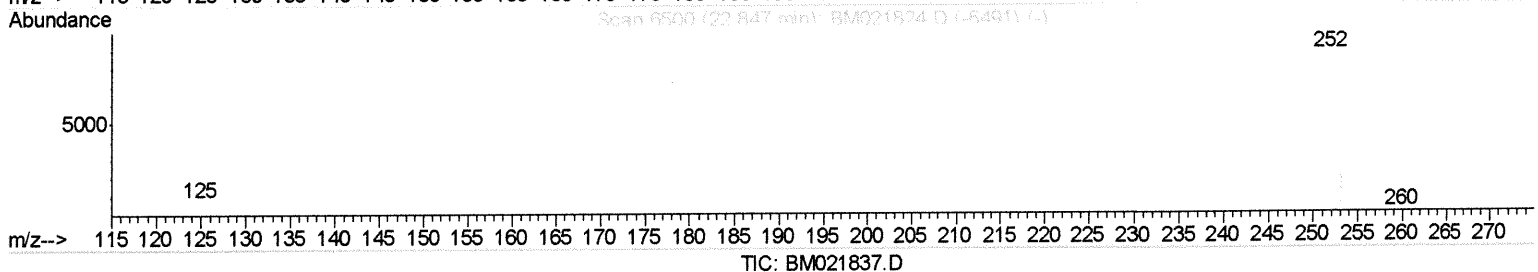
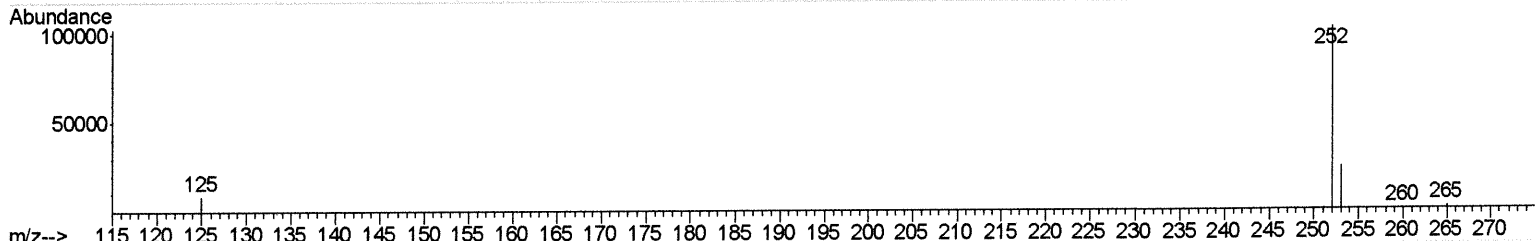
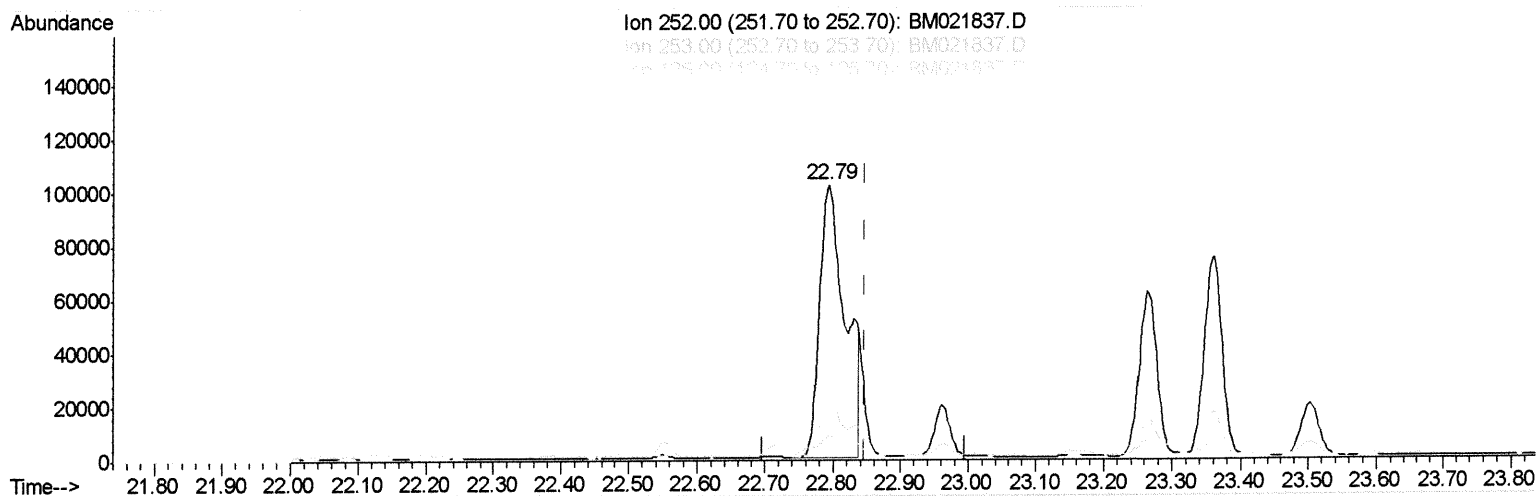
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.793min (-0.054) 11.03ng/ul
 response 262979

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.28#
125.00	15.20	8.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

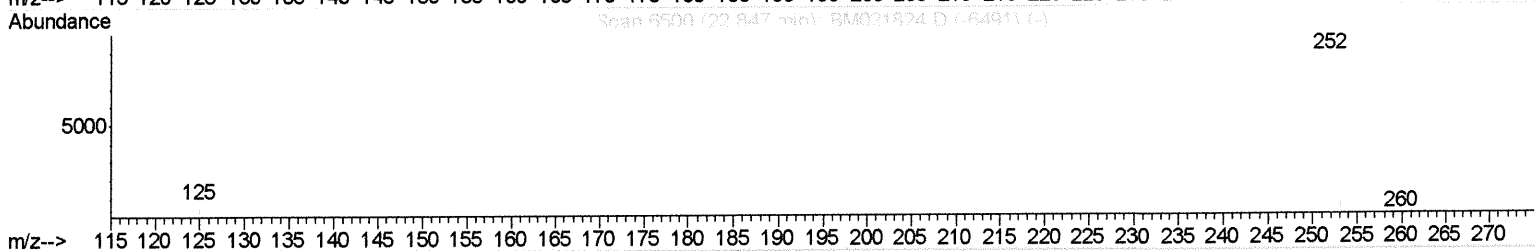
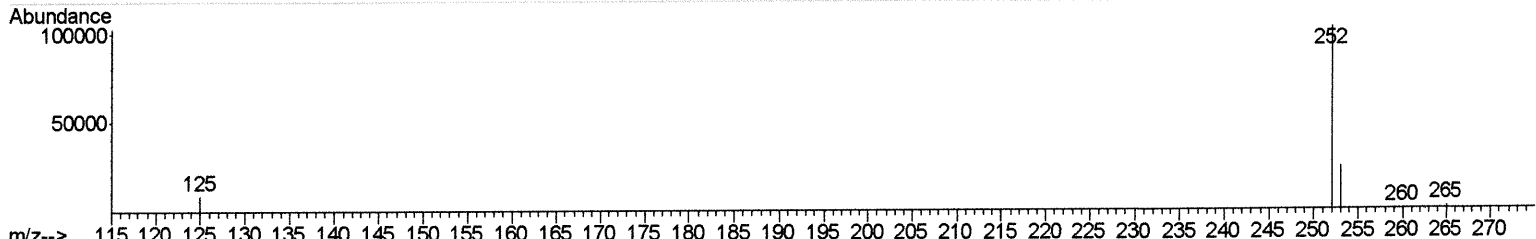
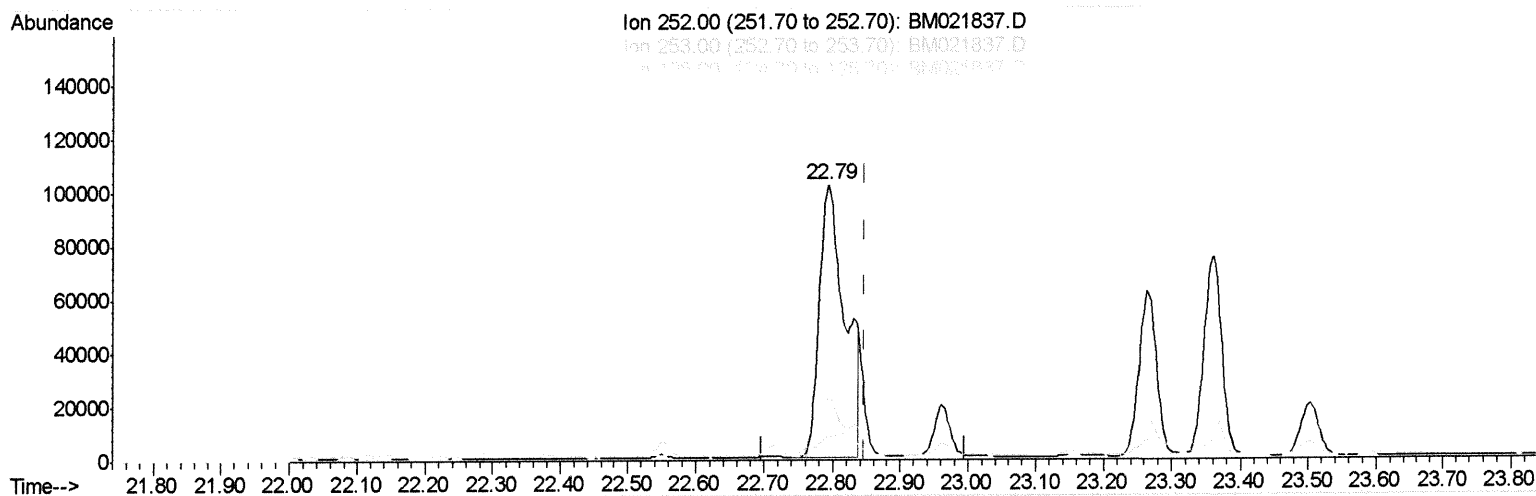
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



TIC: BM021837.D

(22) Benzo(k)fluoranthene

22.793min (-0.054) 11.03ng/ui

response 262979

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.28#
125.00	15.20	8.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

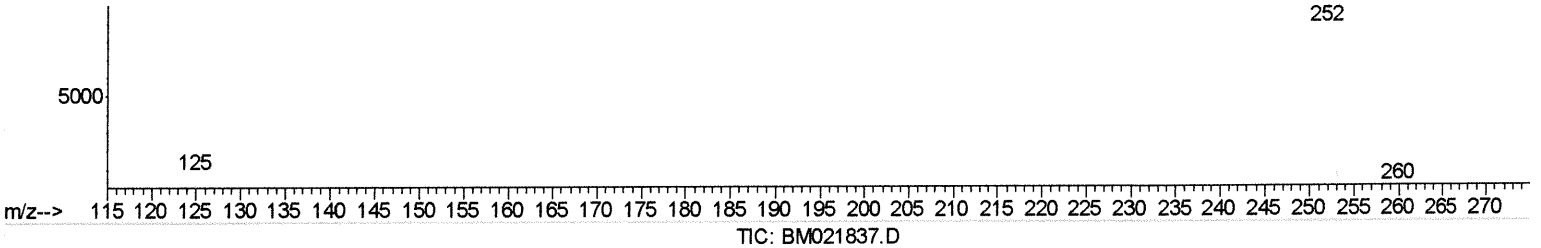
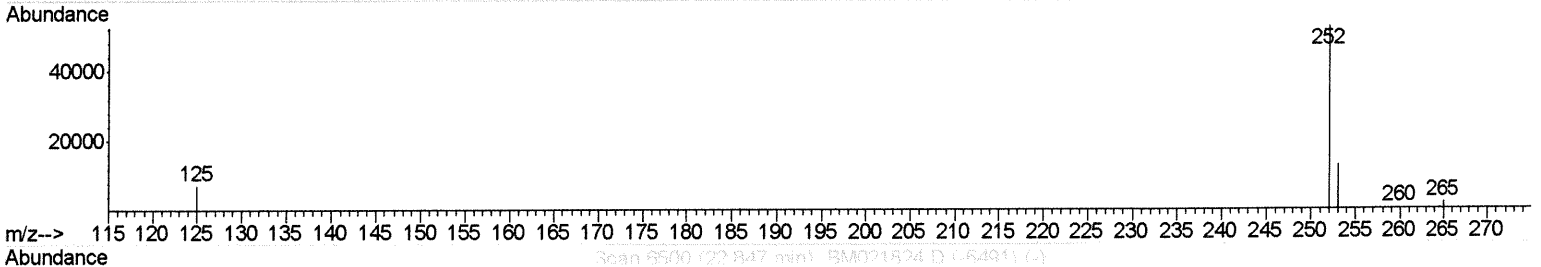
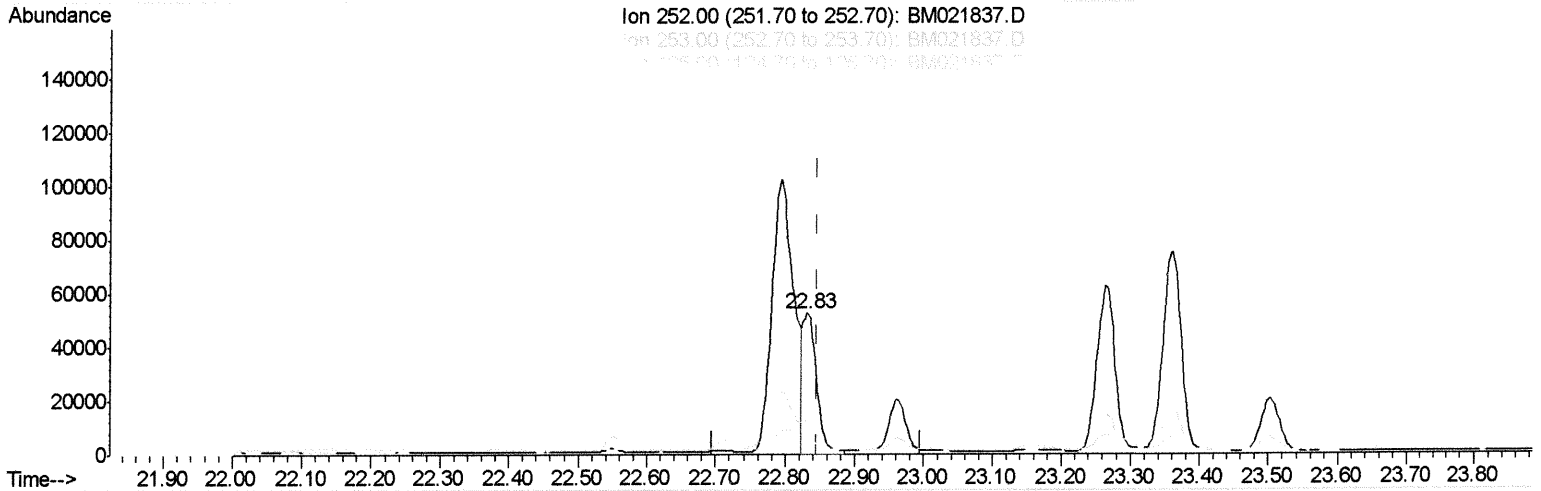
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

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Quant Time: Aug 05 13:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.832min (-0.015) 3.12ng/ul m

JU
 08/05/19

response 74432

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.91#
125.00	15.20	13.89
0.00	0.00	0.00

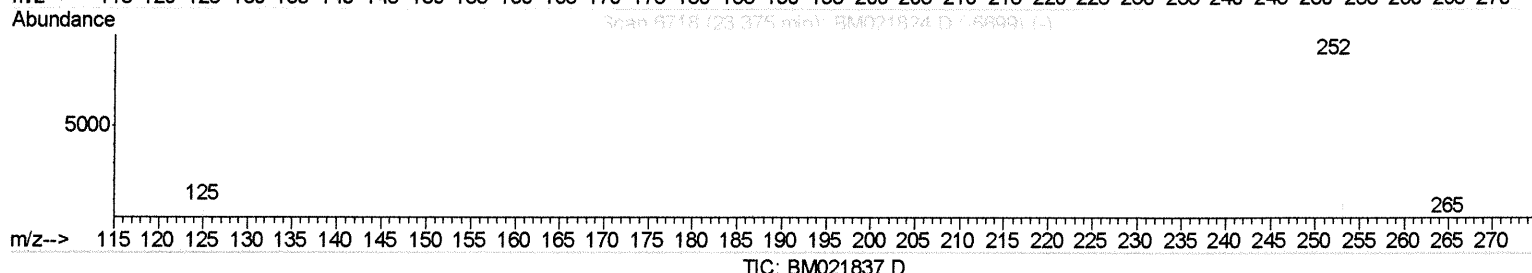
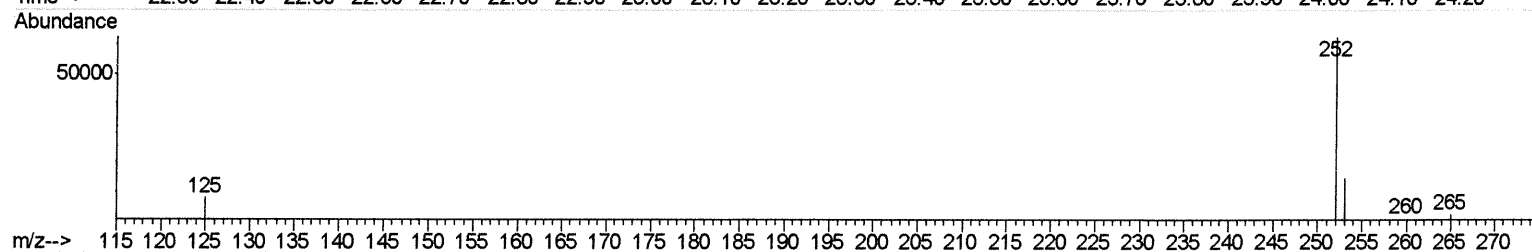
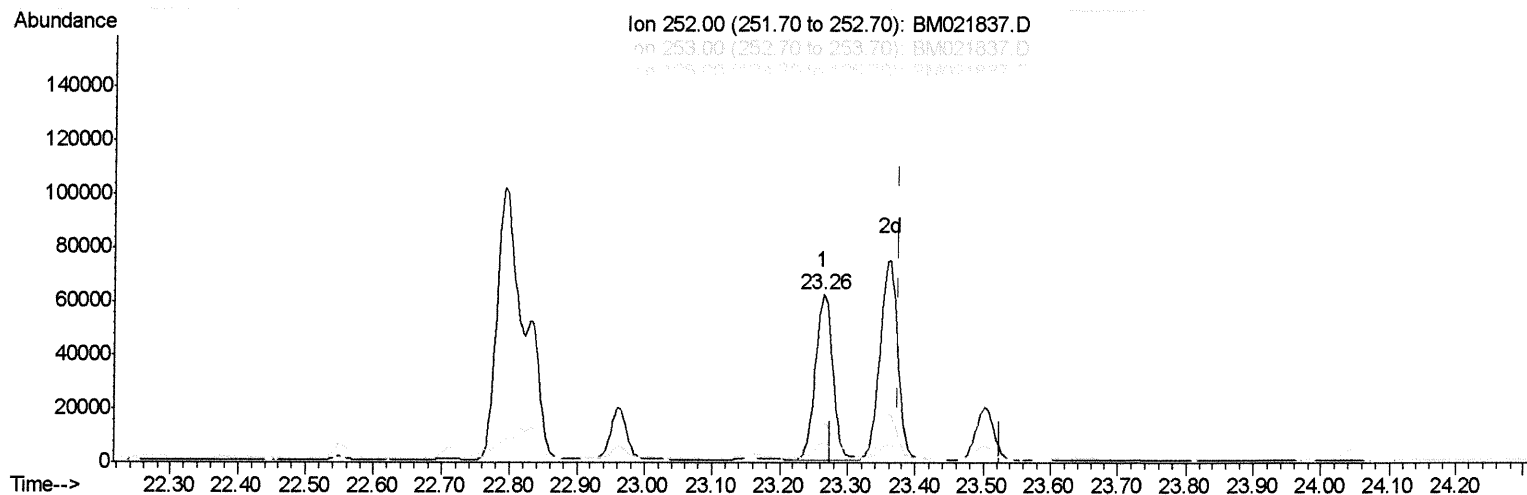
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021837.D

(23) Benzo(a)pyrene (C)

23.263min (-0.112) 5.22ng/ul

response 111724

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.30#
125.00	18.20	11.99#
0.00	0.00	0.00

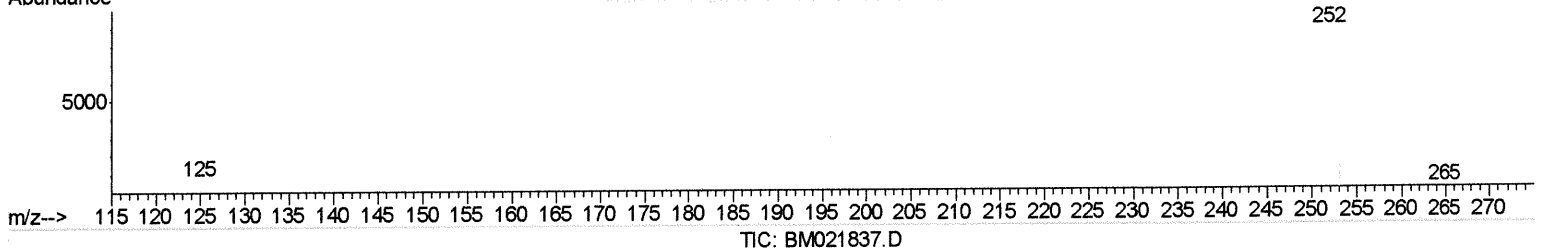
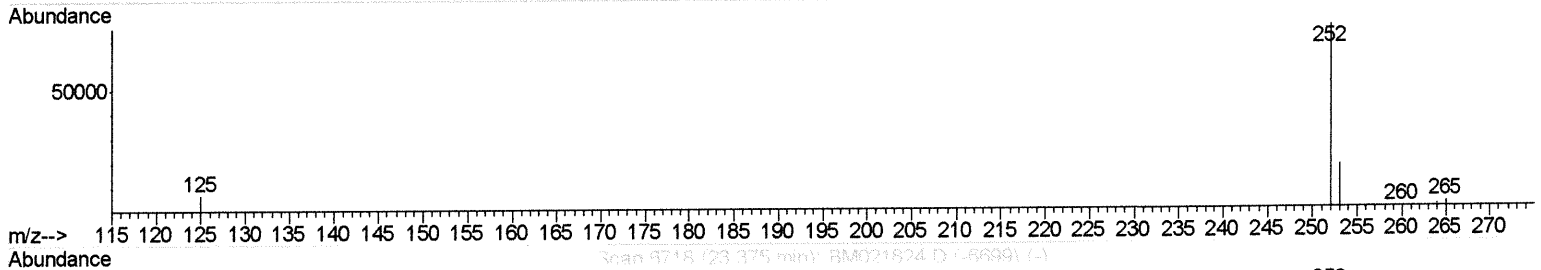
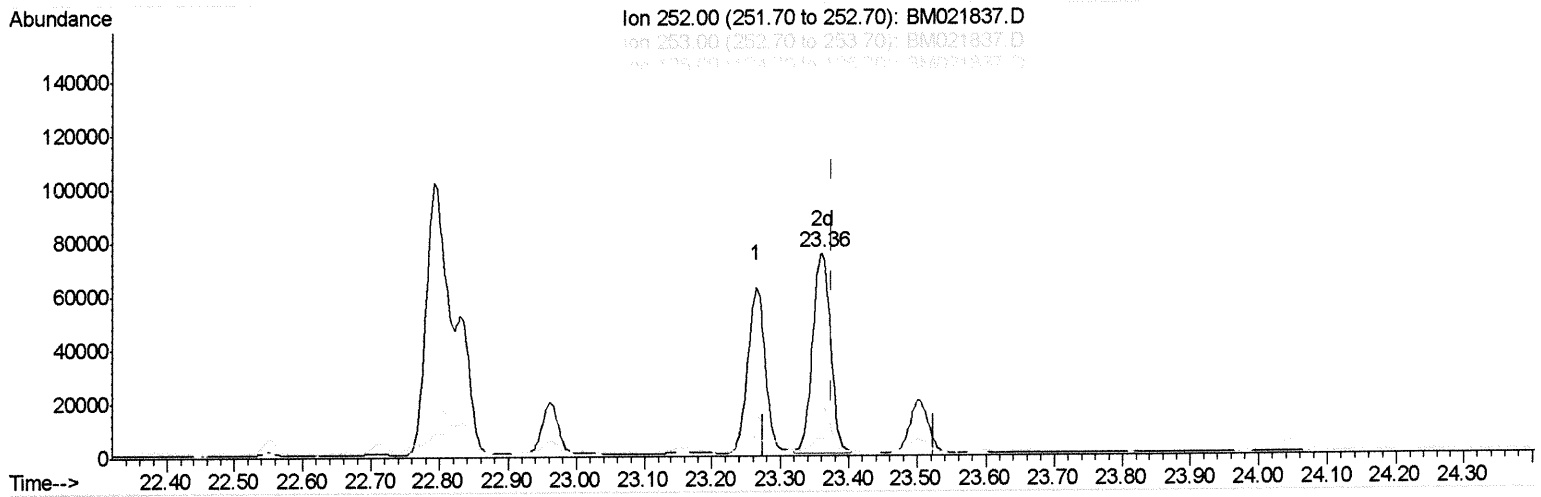
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
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Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.360min (-0.015) 6.38ng/ul m

response 136551

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.99#
125.00	18.20	9.14#
0.00	0.00	0.00

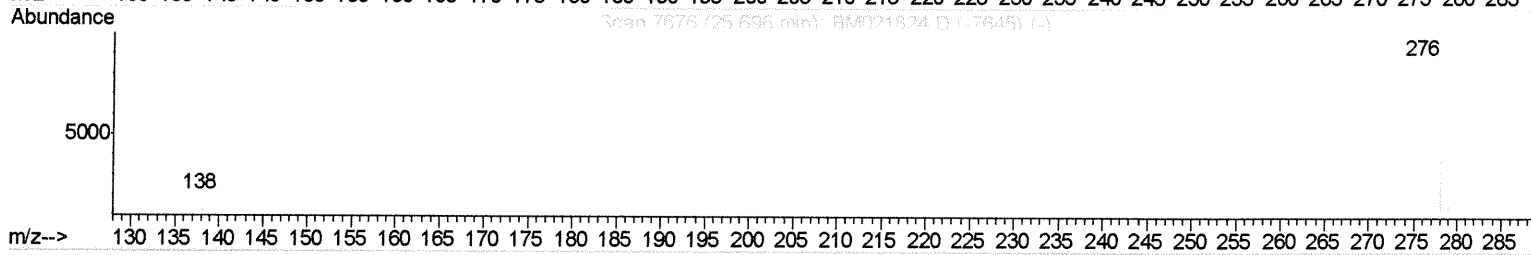
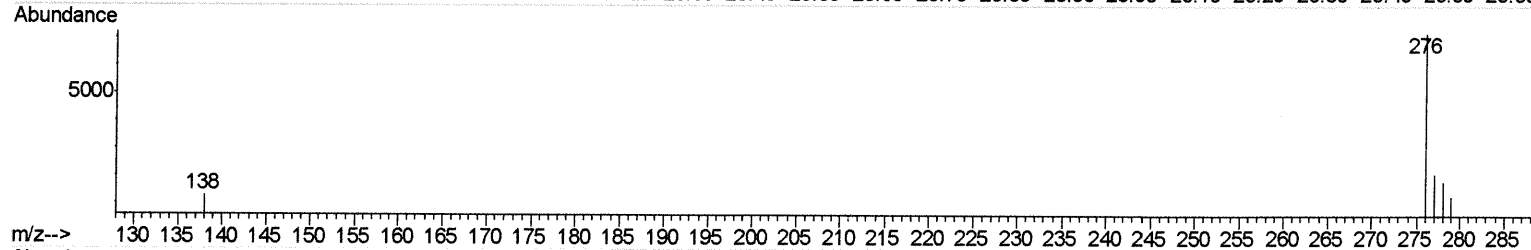
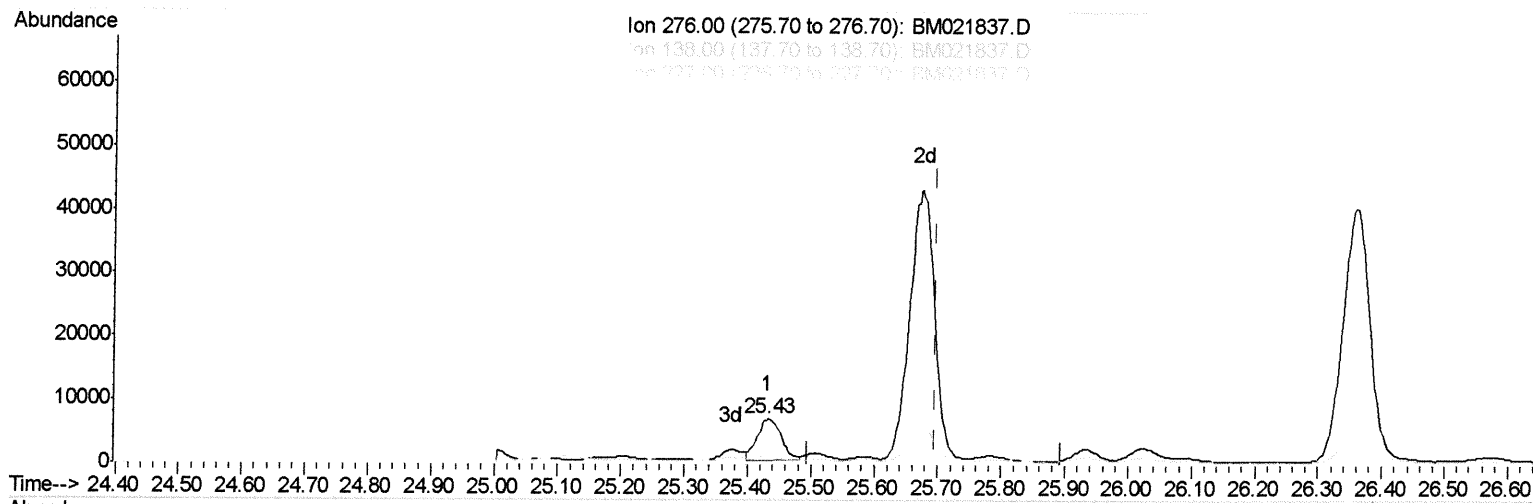
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021837.D

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

25.432min (-0.264) 0.67ng/ul

response 17081

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	10.06#
227.00	0.00	0.00
0.00	0.00	0.00

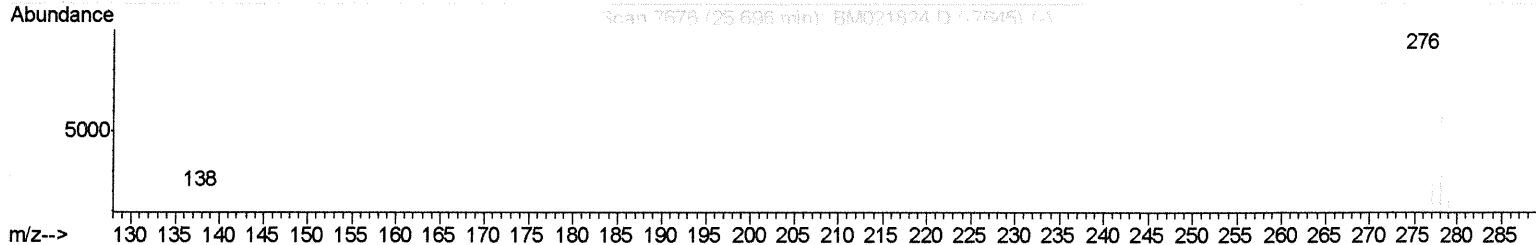
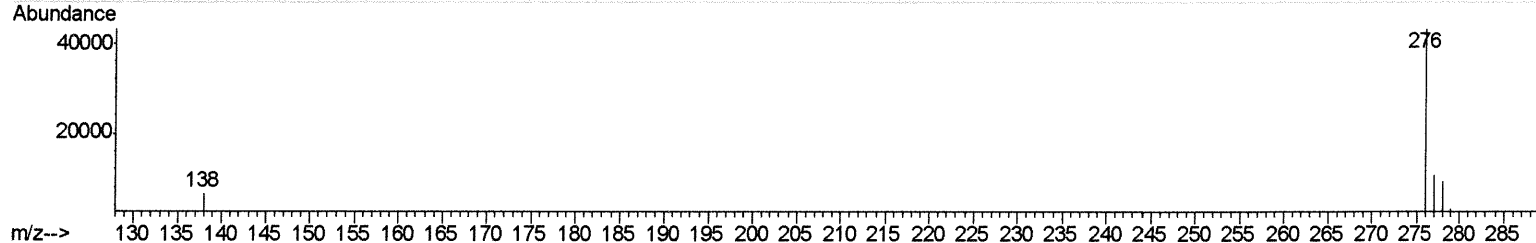
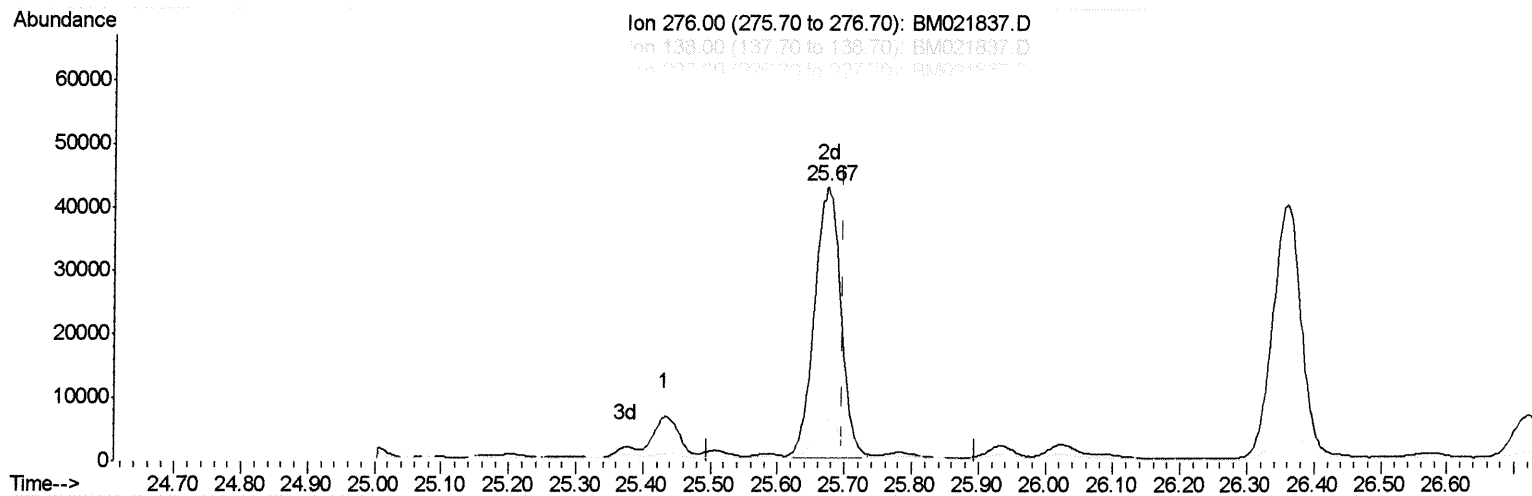
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



TIC: BM021837.D

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

25.674min (-0.022) 4.57ng/ul m

JU 8/05/19

response 116938

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.47#
227.00	0.00	0.00
0.00	0.00	0.00

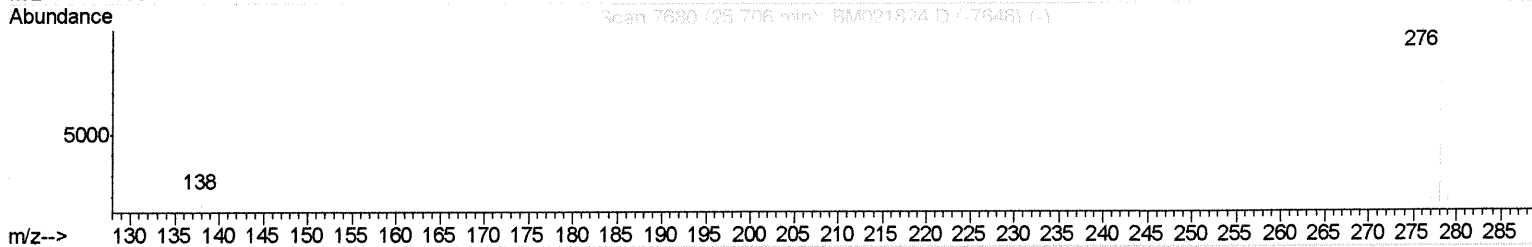
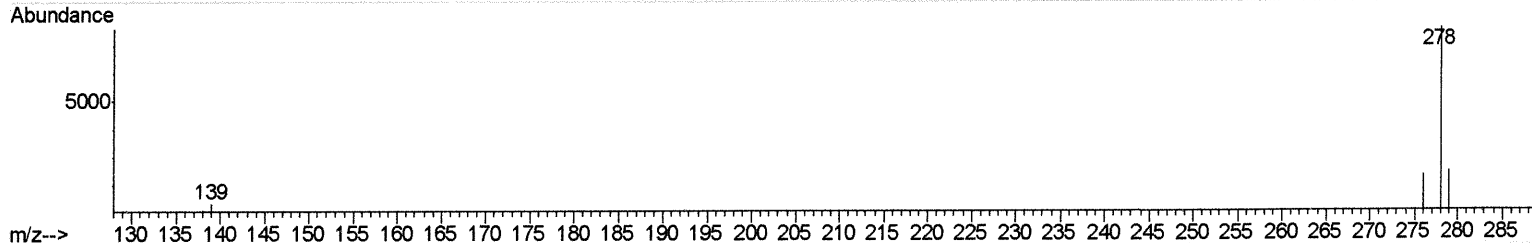
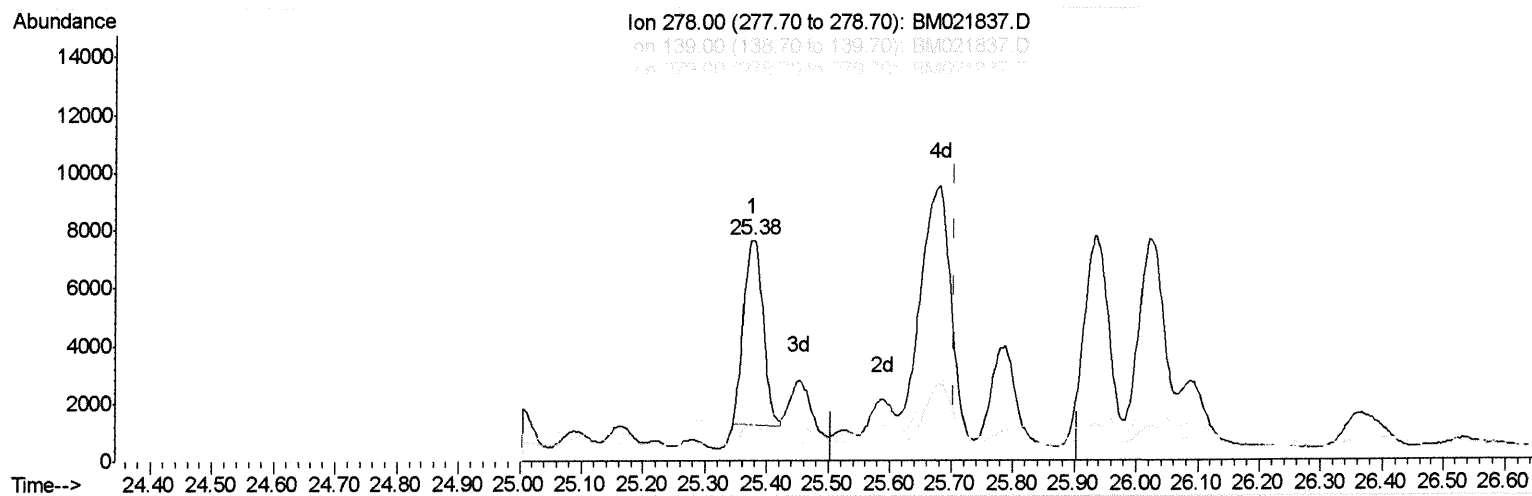
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021837.D

(25) Dibenzo(a,h)anthracene

25.376min (-0.330) 0.66ng/ul

response 13733

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.22
279.00	35.40	31.90
0.00	0.00	0.00

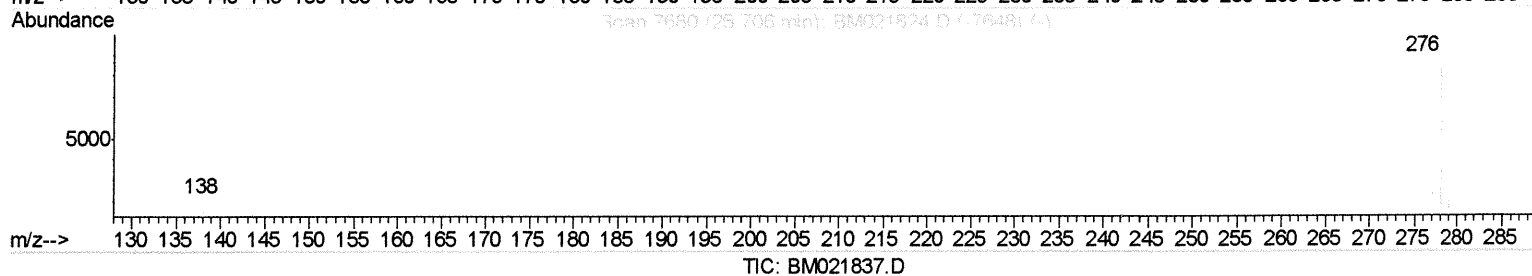
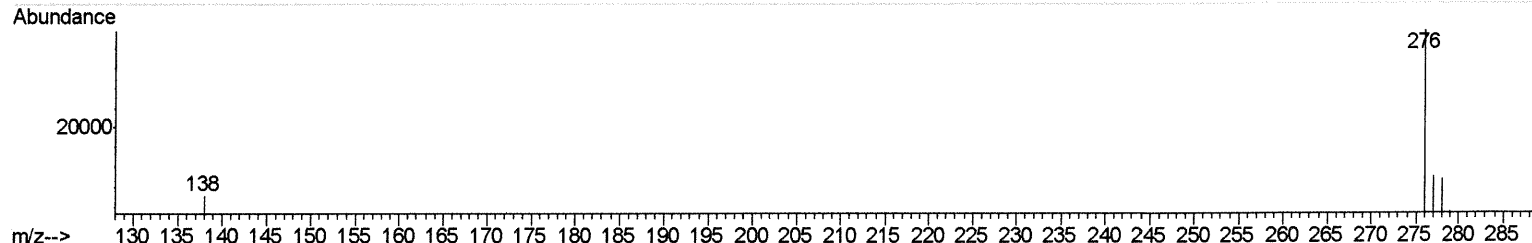
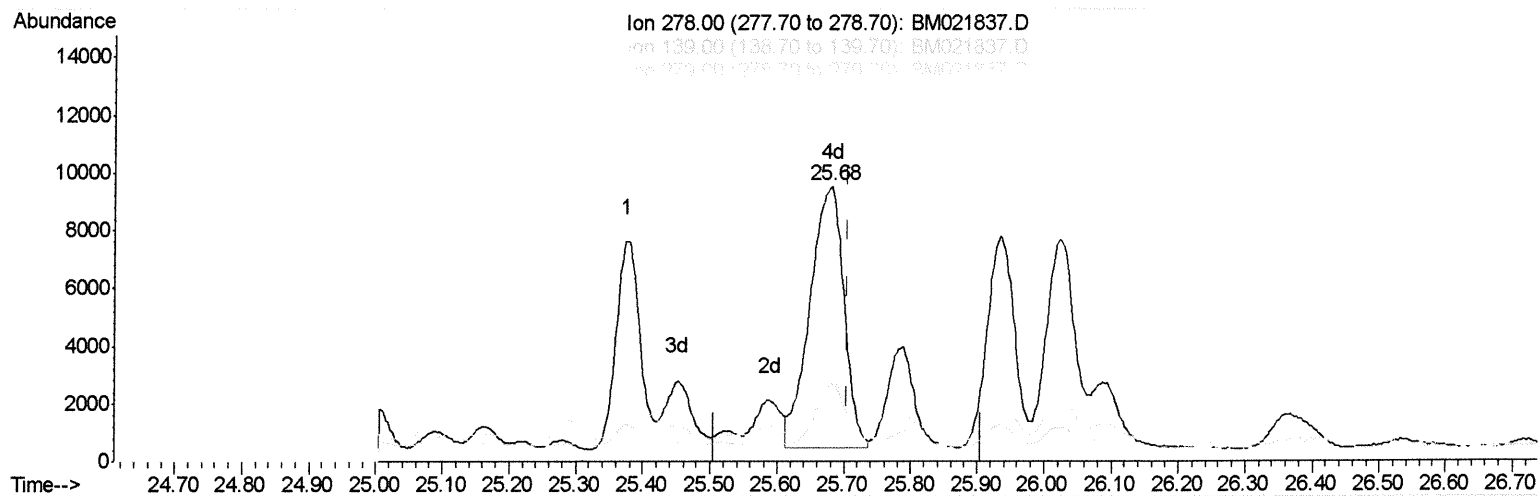
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.681min (-0.024) 1.55ng/ul m

JU
08/05/19

response 32027

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	28.06#
279.00	35.40	31.48
0.00	0.00	0.00

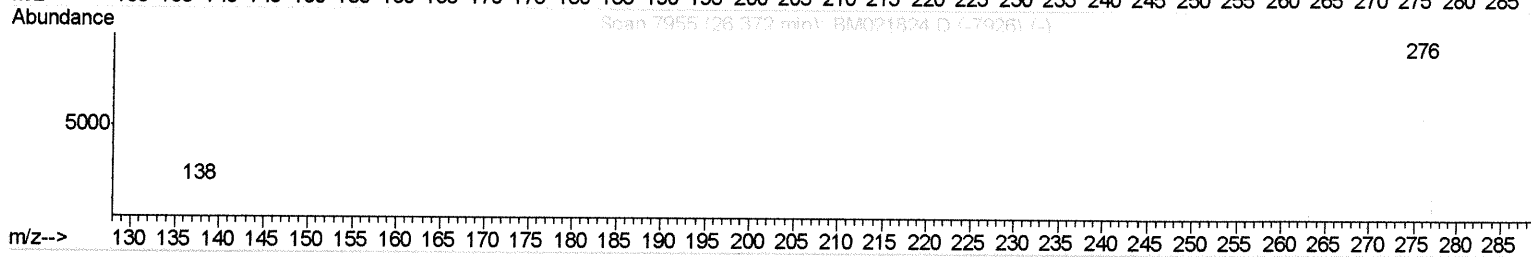
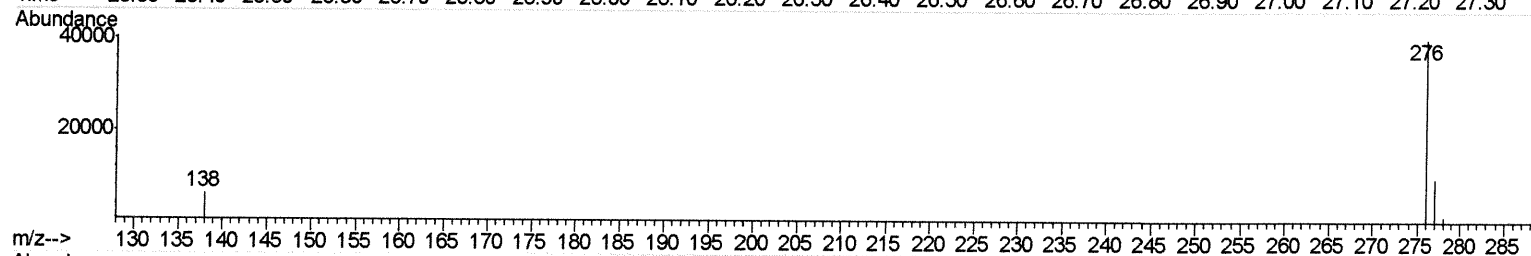
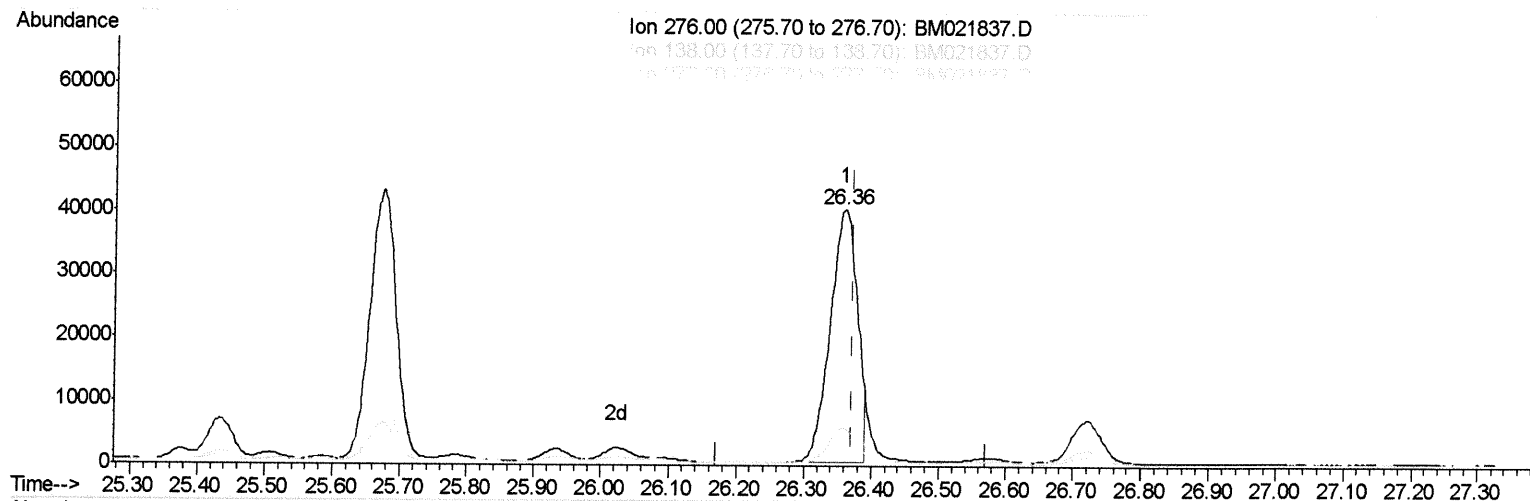
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021837.D

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

26.360min (-0.012) 4.80ng/ul

response 110480

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.23#
277.00	26.80	24.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

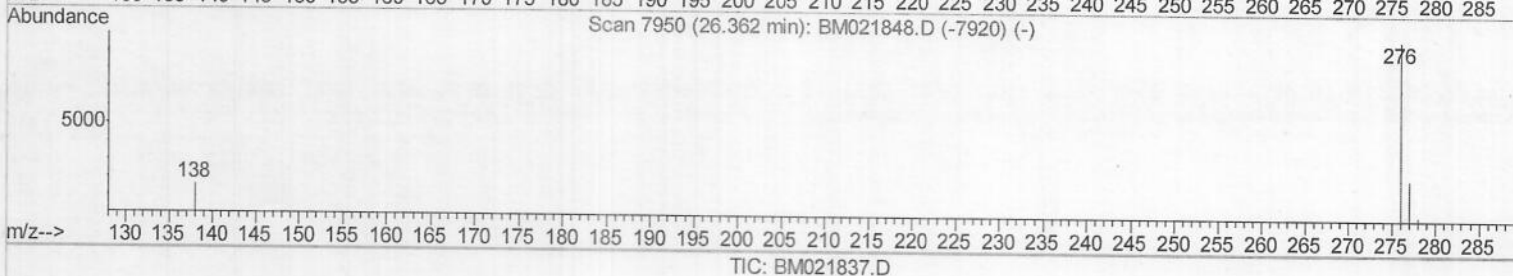
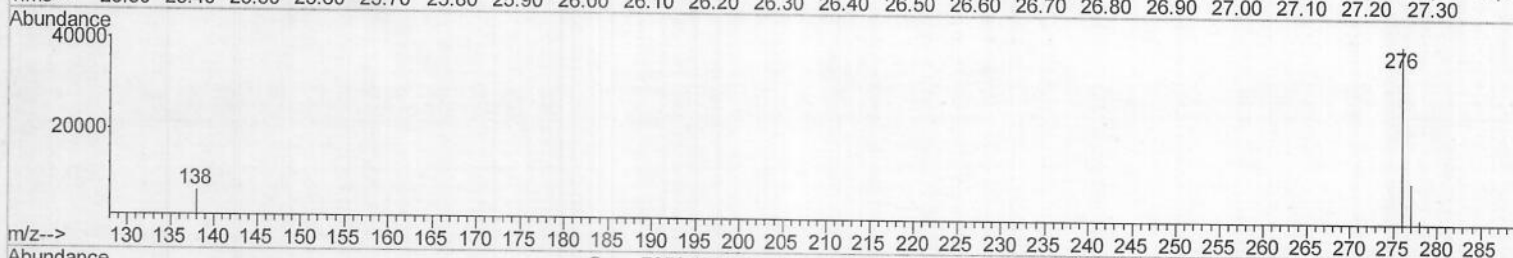
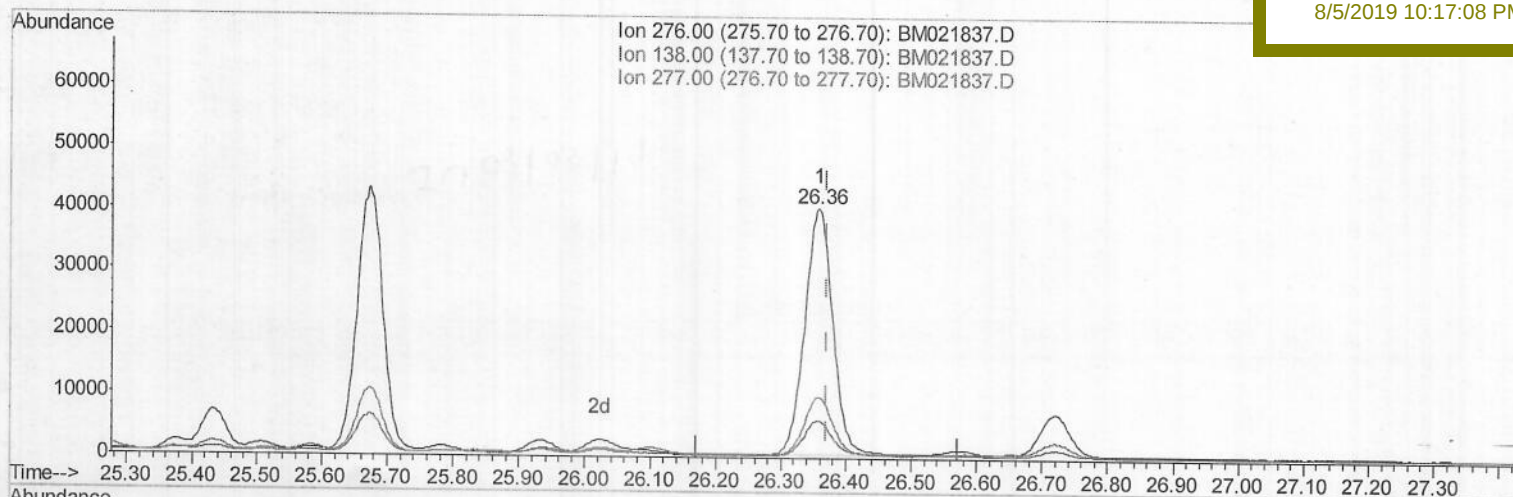
Data File : BM021837.D
Acq On : 05 Aug 2019 09:57
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 80 Sample Multiplier: 1

Quant Time: Aug 05 13:49:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENS2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:08 PM



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

26.360min (-0.012) 5.13ng/ul m JU 08/05/19

response 118094

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.23#
277.00	26.80	24.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021837.D
 Acq On : 05 Aug 2019 09:57
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:08 PM

Quant Time: Aug 05 13:49:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	942	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3774	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2212	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	5681m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5840m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6245m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1059	0.17	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	3377m	0.18	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	3053	0.286	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	2631	0.370	ng/ul	96
7) Acenaphthylene	14.01	152	16966	1.645	ng/ul	94
8) Acenaphthene	14.35	153	2008	0.238	ng/ul	96
9) Fluorene	15.34	166	3256	0.347	ng/ul	98
12) Phenanthrene	17.08	178	88384m	5.347	ng/ul	95
13) Anthracene	17.17	178	23884m	1.694	ng/ul	95
15) Fluoranthene	19.10	202	240685m	10.870	ng/ul	95
17) Pyrene	19.47	202	198796	8.284	ng/ul	97
18) Benzo(a)anthracene	21.22	228	131451	6.293	ng/ul	98
19) Chrysene	21.27	228	138485	5.155	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	224475m	10.659	ng/ul	95
22) Benzo(k)fluoranthene	22.83	252	74432m	3.123	ng/ul	95
23) Benzo(a)pyrene	23.36	252	136551m	6.376	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.67	276	116938m	4.573	ng/ul	95
25) Dibenzo(a,h)anthracene	25.68	278	32027m	1.550	ng/ul	95
26) Benzo(g,h,i)perylene	26.36	276	118094m	5.130	ng/ul	95

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