

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (QT Reviewed)

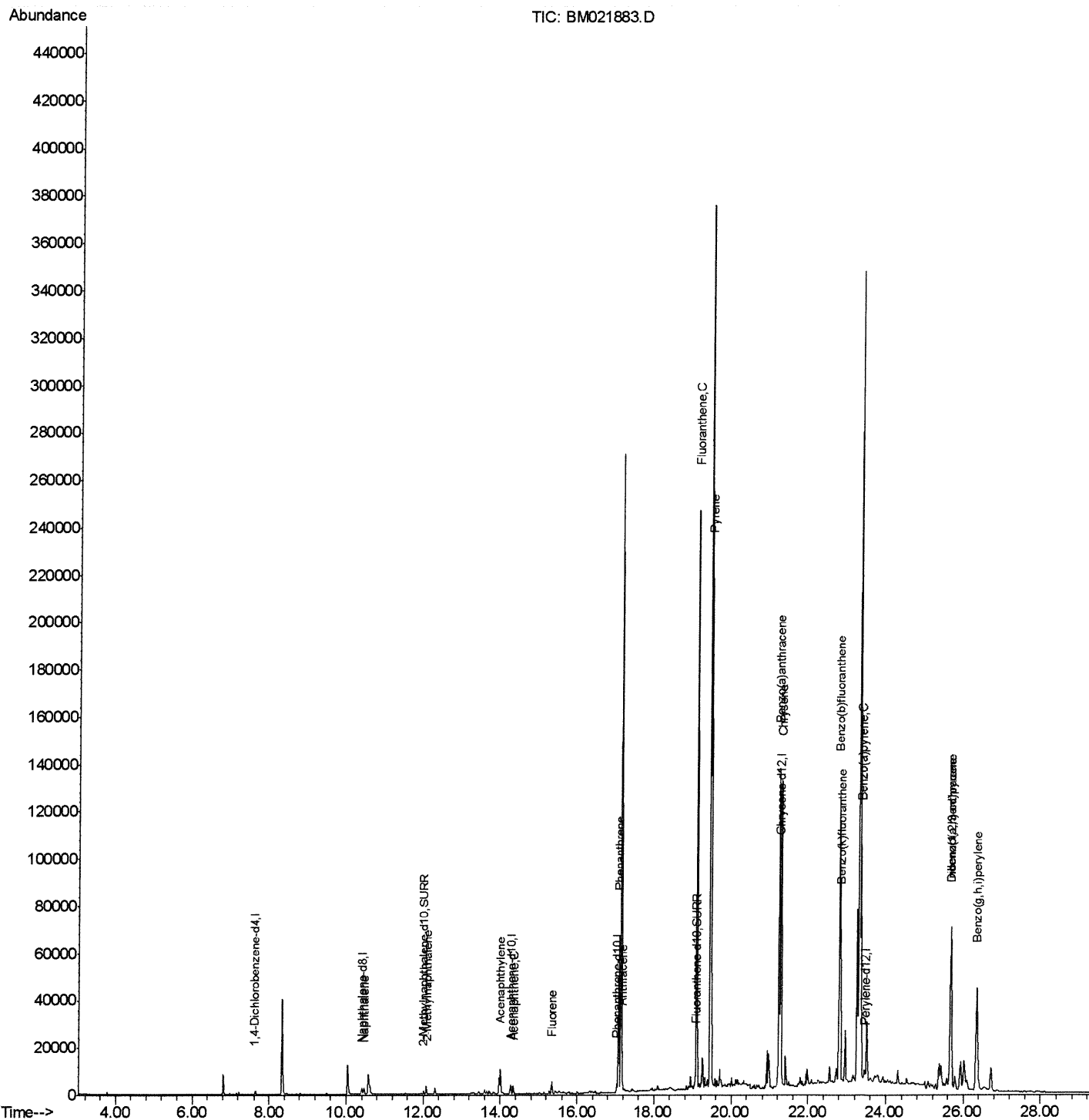
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:36:24 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

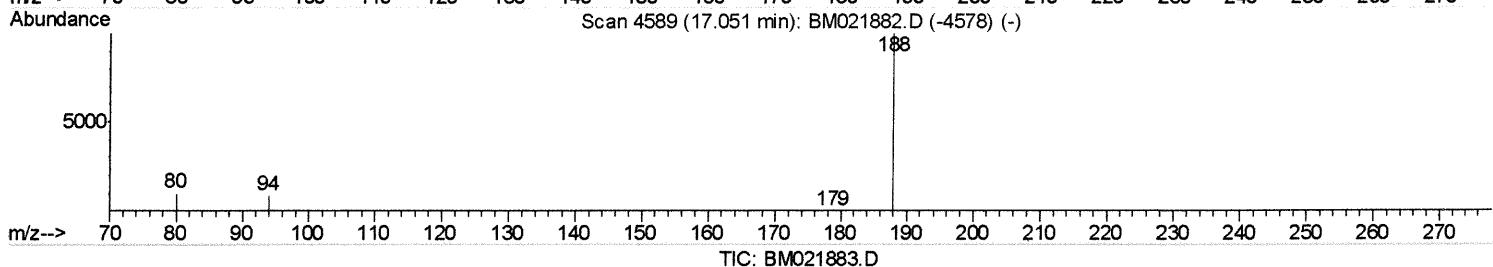
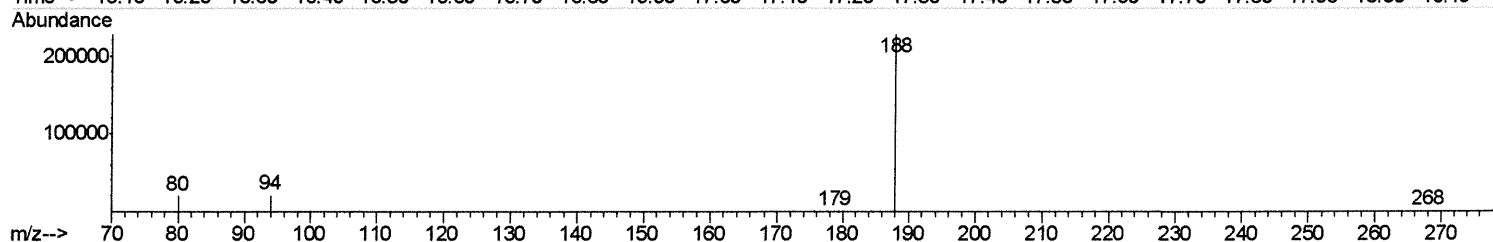
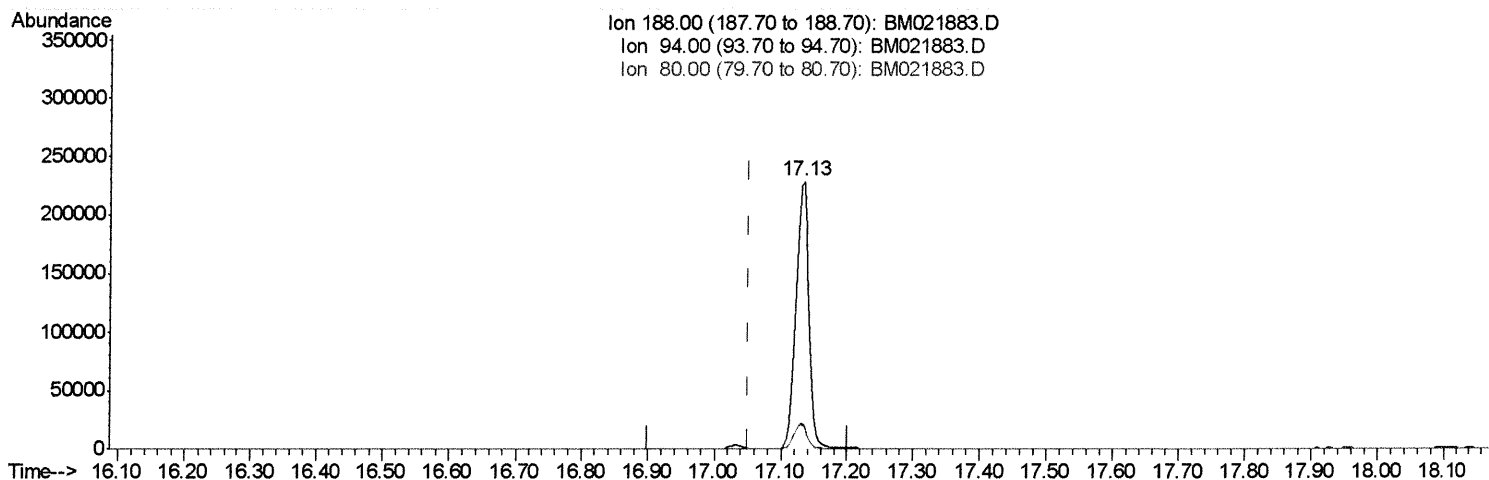
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:30:45 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.133min (+0.081) 0.40ng/ul

response 310286

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.21
80.00	11.40	8.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

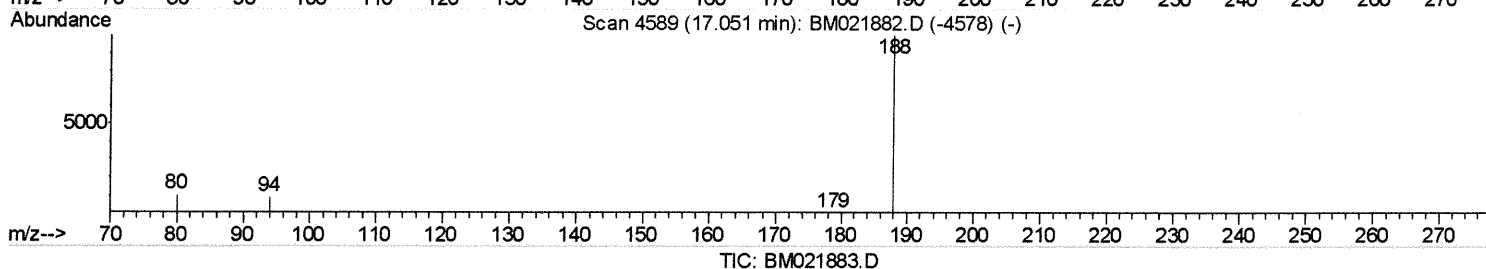
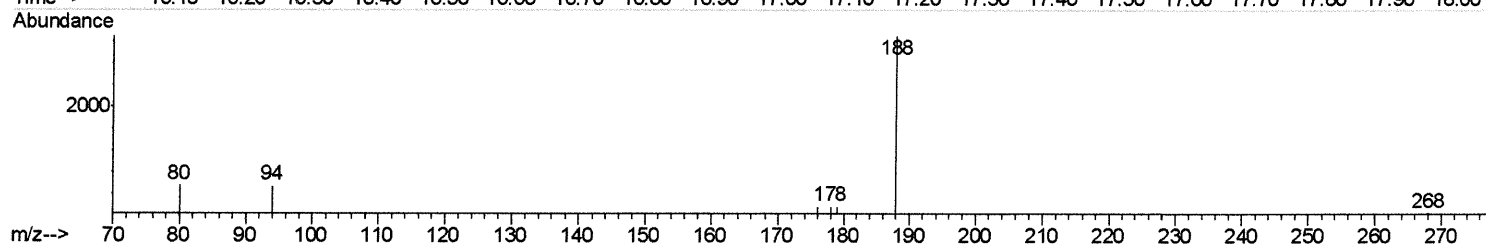
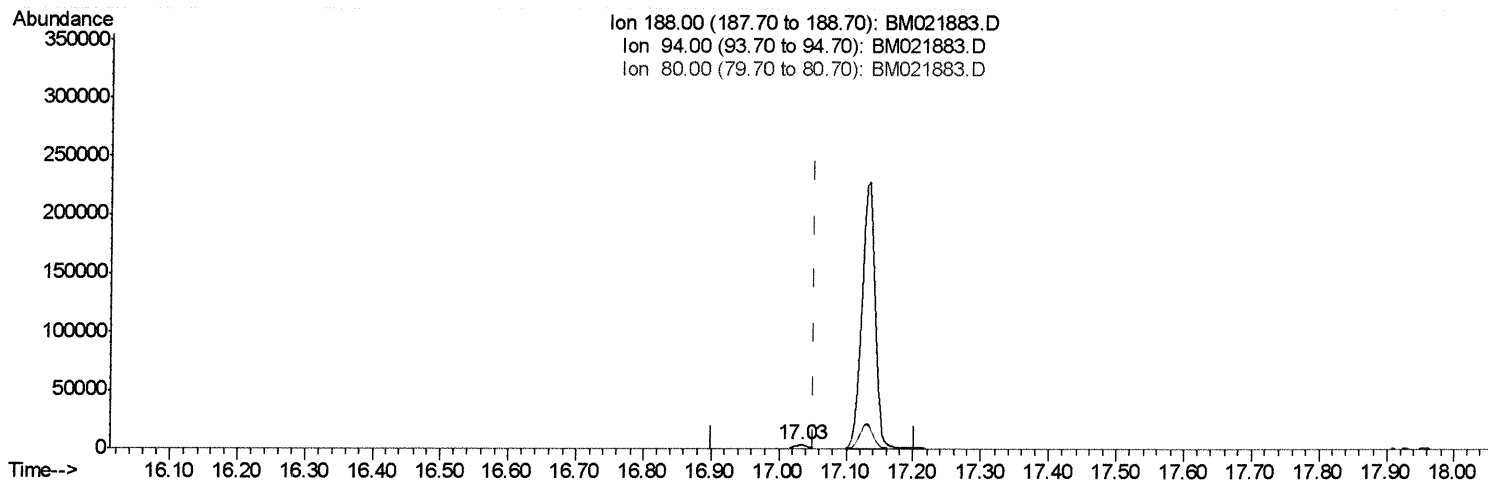
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:30:45 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.032min (-0.019) 0.40ng/ul m

50
08/07/19

response 4621

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	16.38#
80.00	11.40	16.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

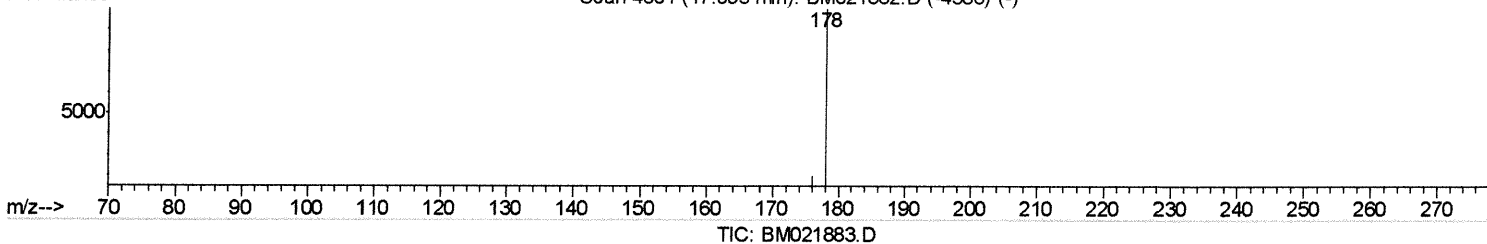
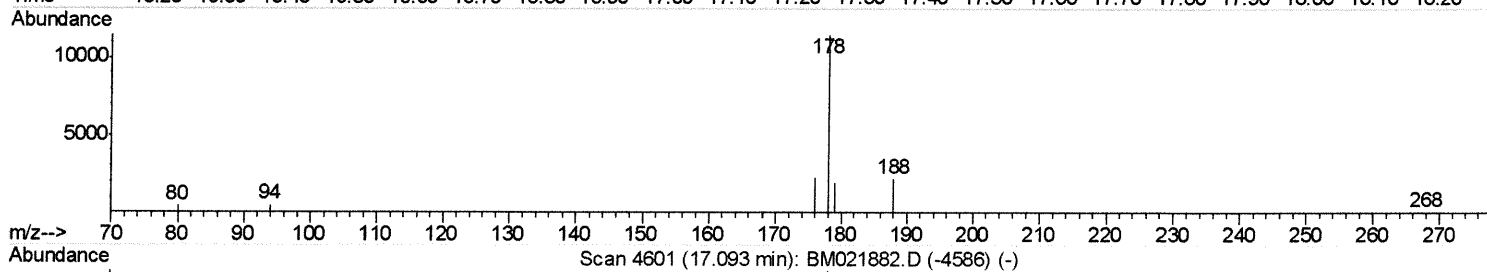
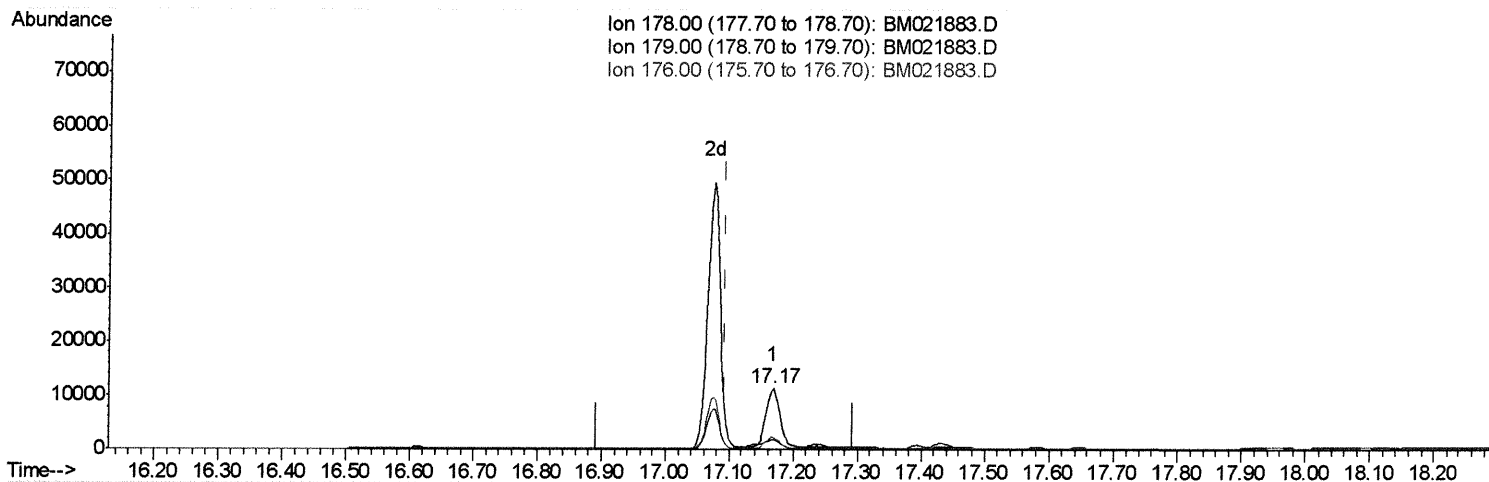
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(12) Phenanthrene

17.167min (+0.074) 1.33ng/ul

response 17924

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.76
176.00	21.00	19.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

Data File : BM021883.D

Acq On : 07 Aug 2019 06:50

Operator : HP/JU

Sample : K3893-11

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

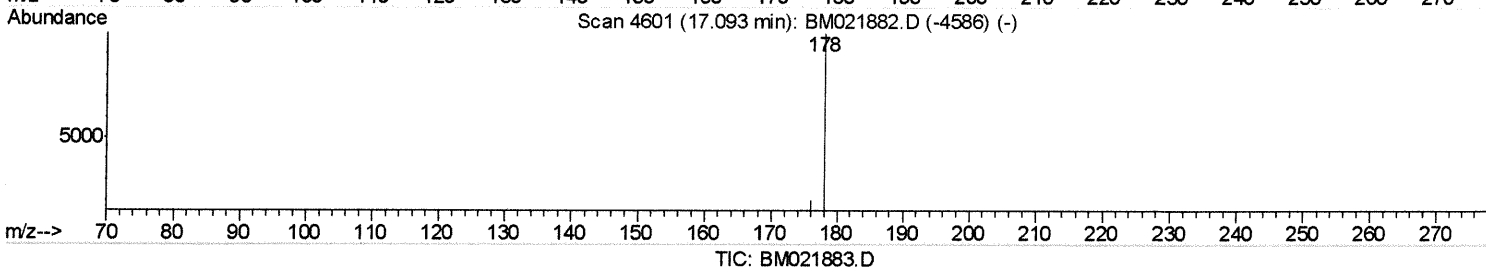
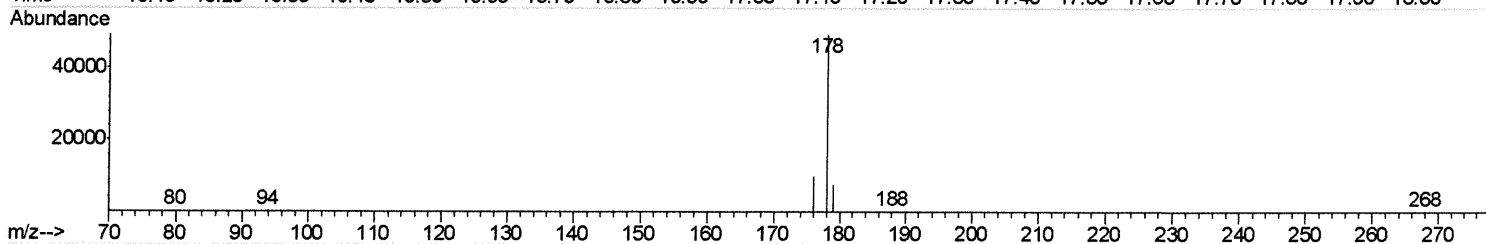
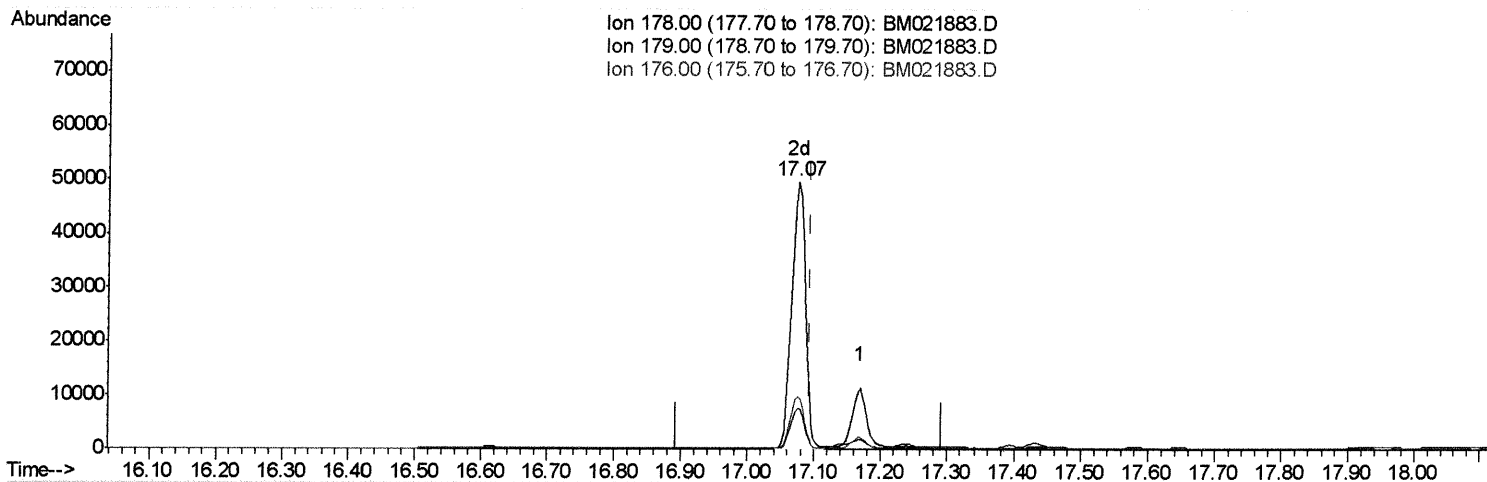
Quant Time: Aug 07 08:31:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 08:28:11 2019

Response via : Initial Calibration



(12) Phenanthrene

17.074min (-0.019) 5.11ng/ul m 08/07/19

response 68749

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.49
176.00	21.00	19.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

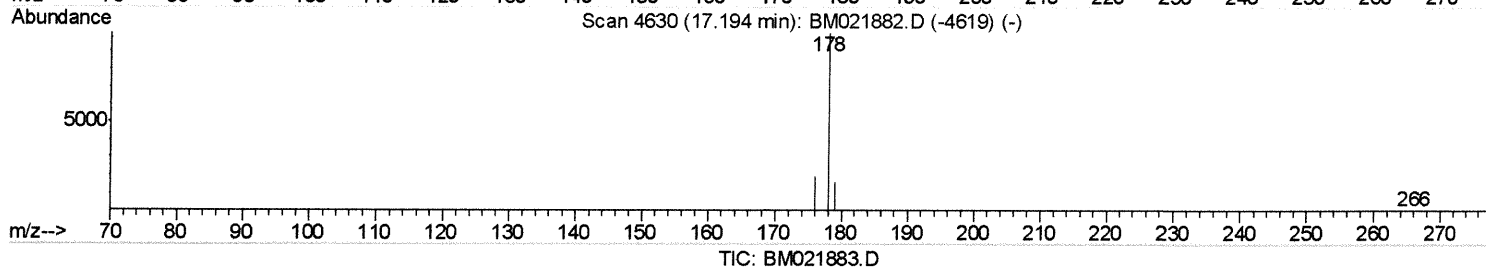
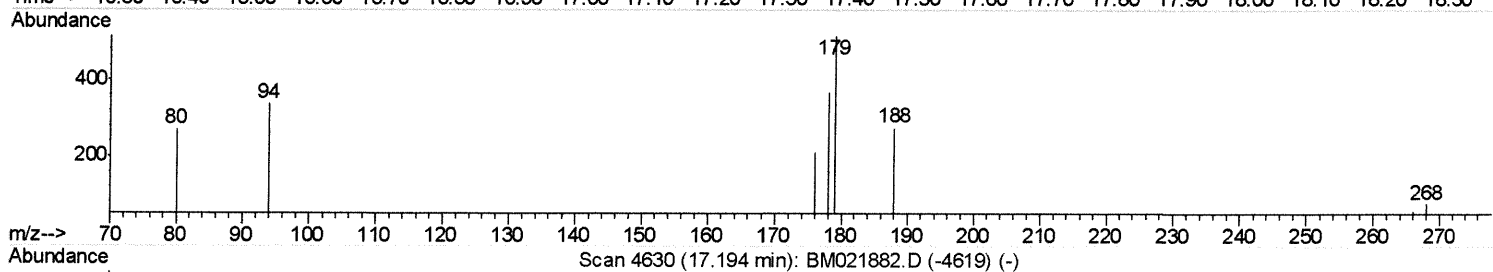
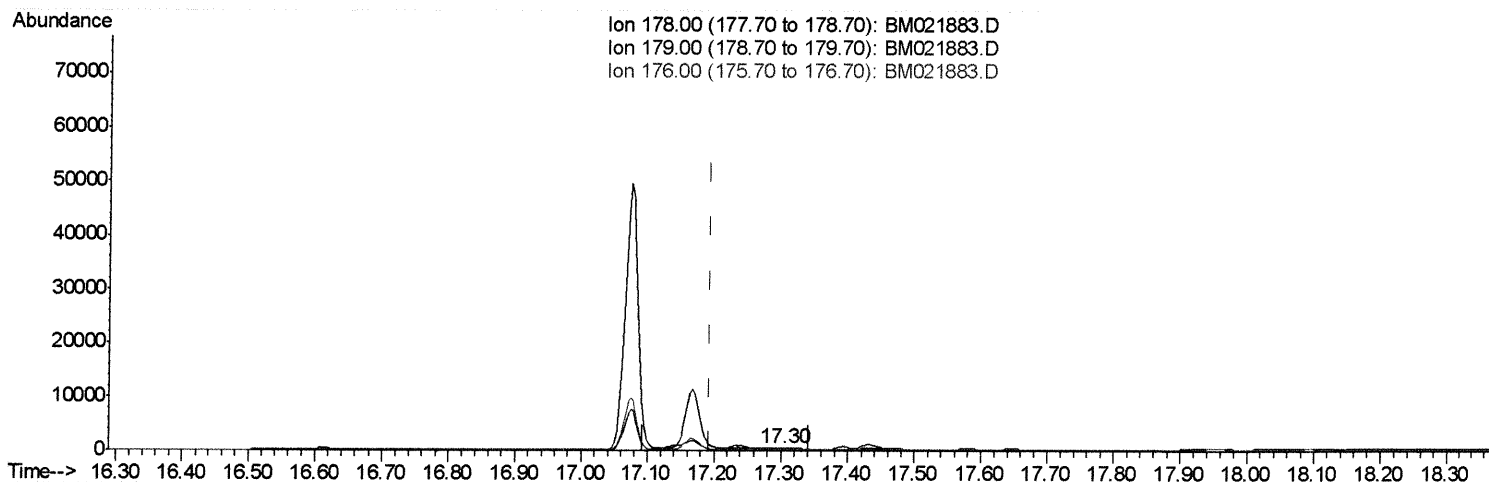
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(13) Anthracene

17.303min (+0.109) 0.03ng/ul

response 297

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	140.71#
176.00	20.80	57.10#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

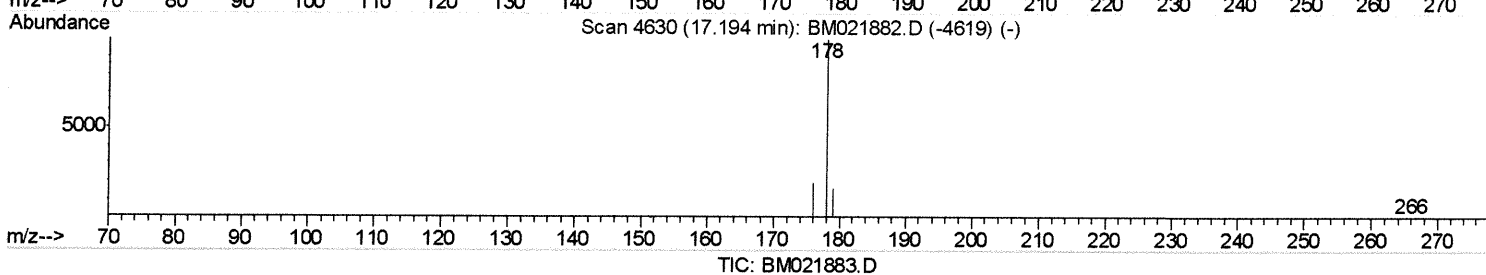
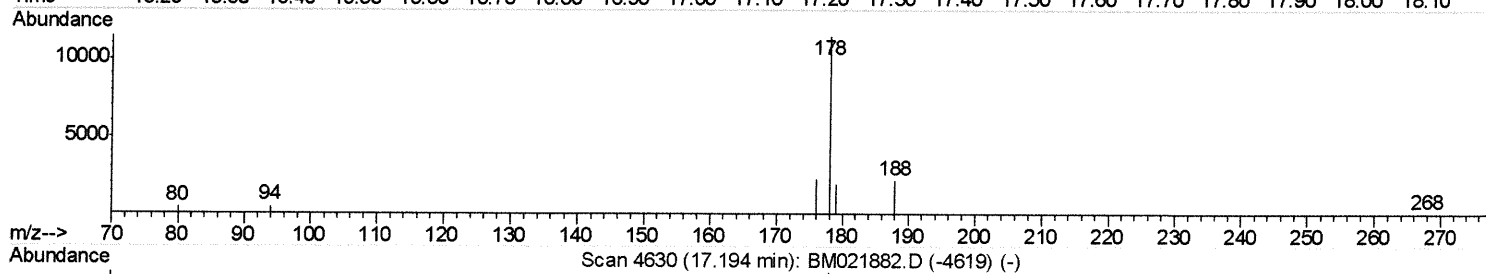
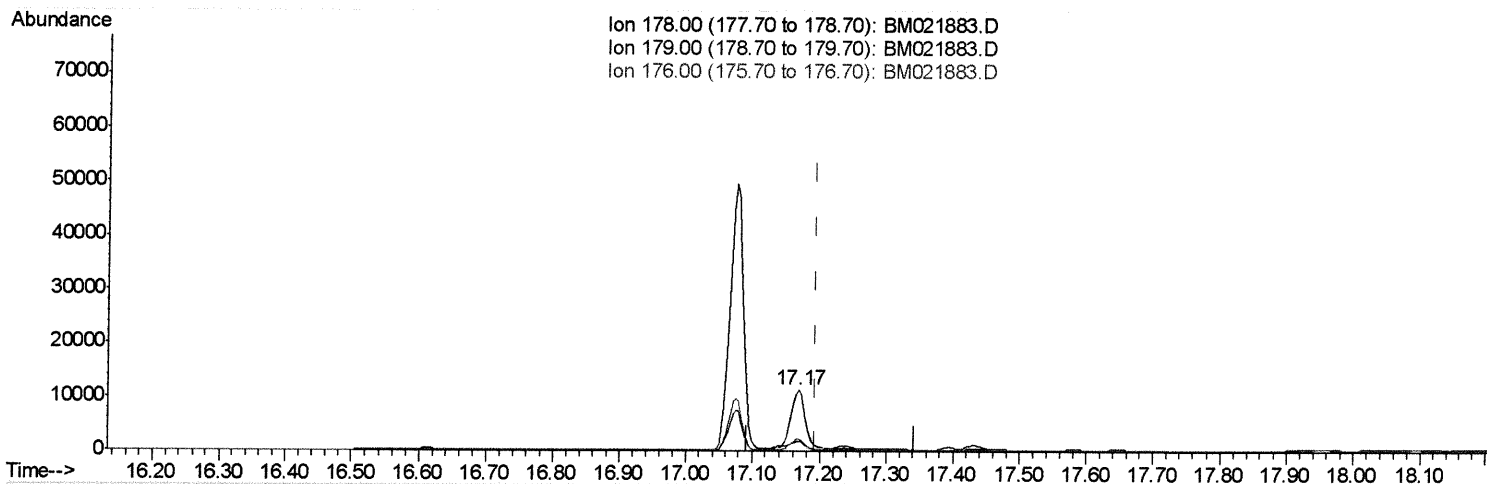
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(13) Anthracene

17.167min (-0.026) 1.41ng/ul m 08/07/19

response 16134

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.76
176.00	20.80	19.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

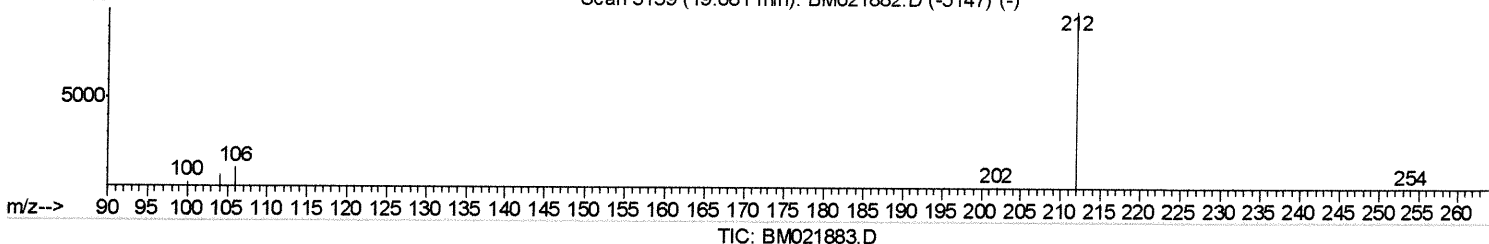
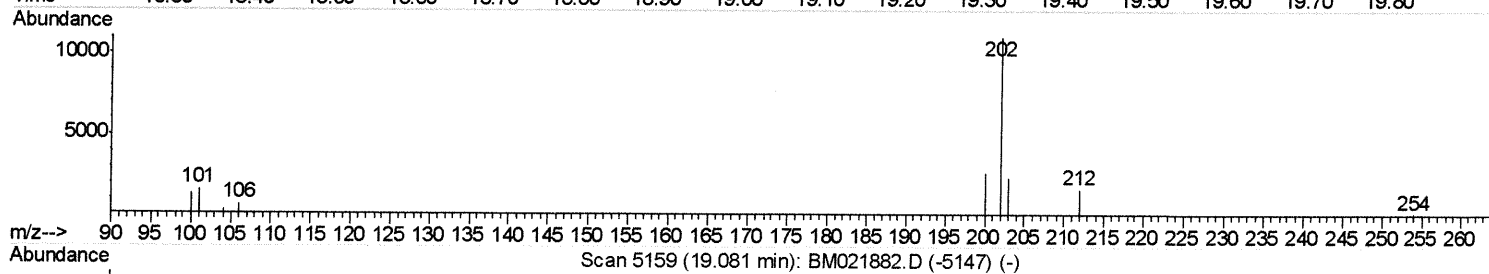
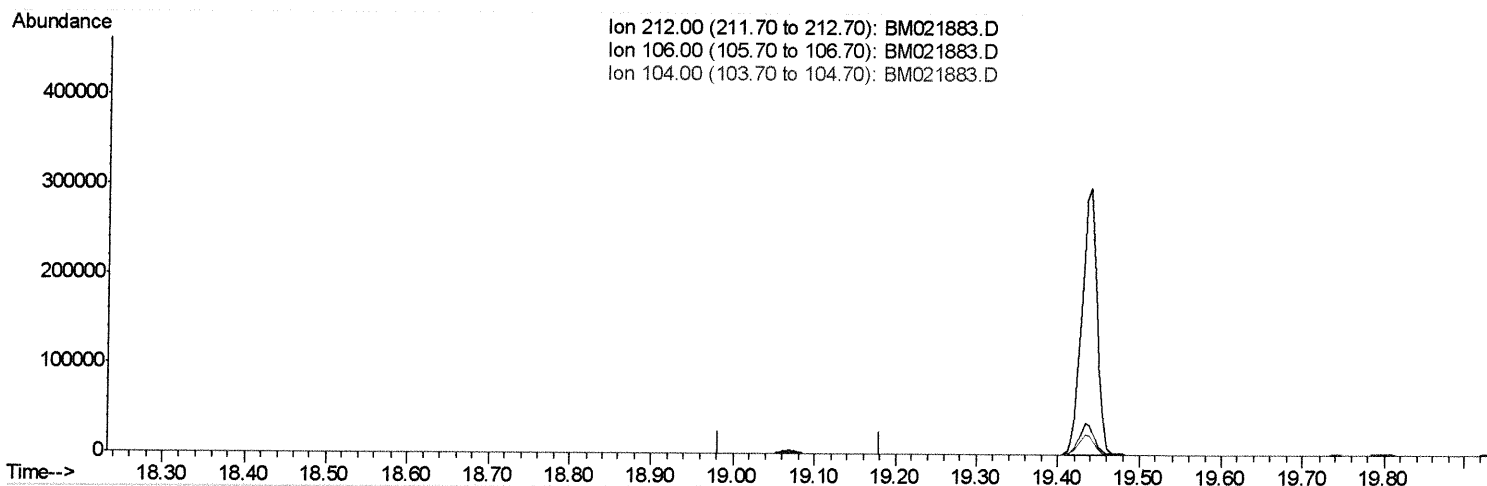
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

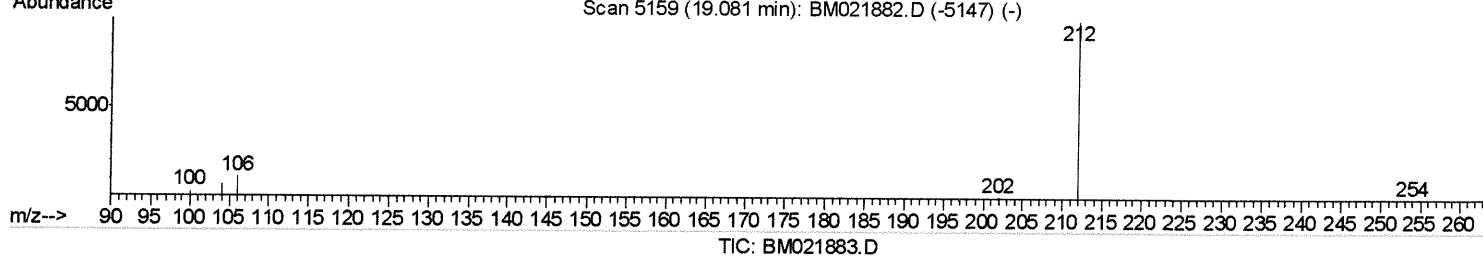
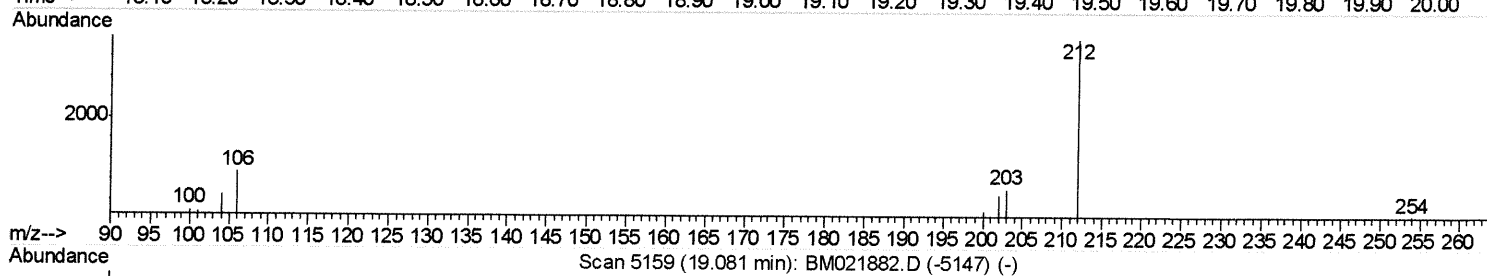
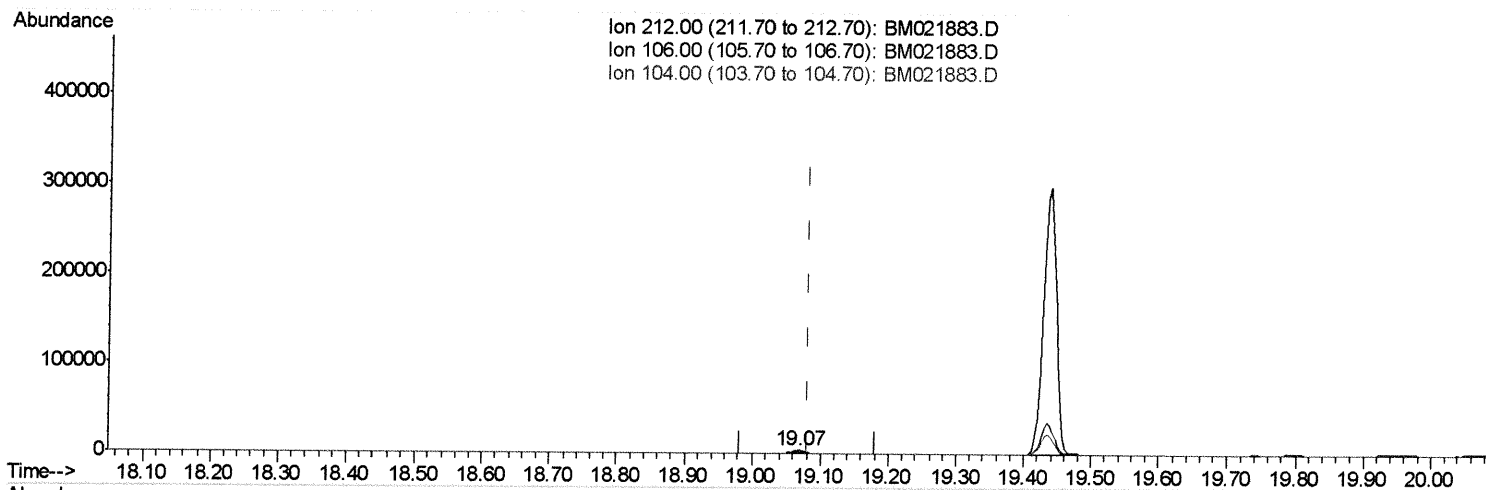
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURRE)

19.068min (-0.013) 0.30ng/ul m *JU 08/07/19*

response 4636

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

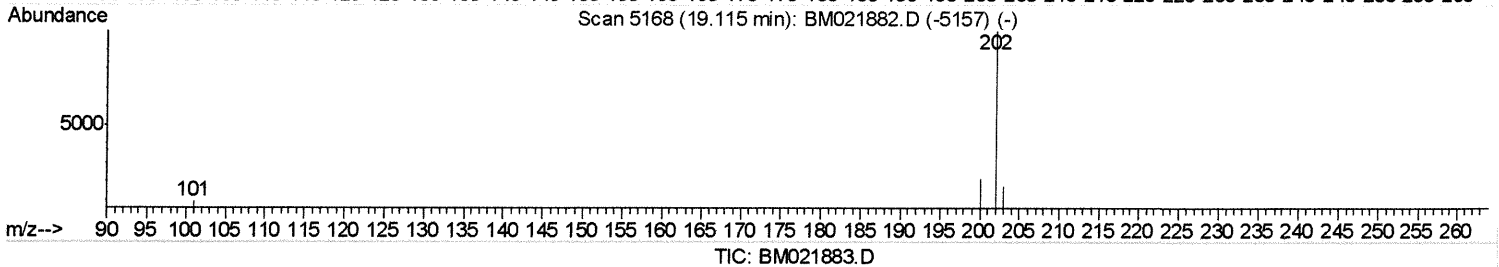
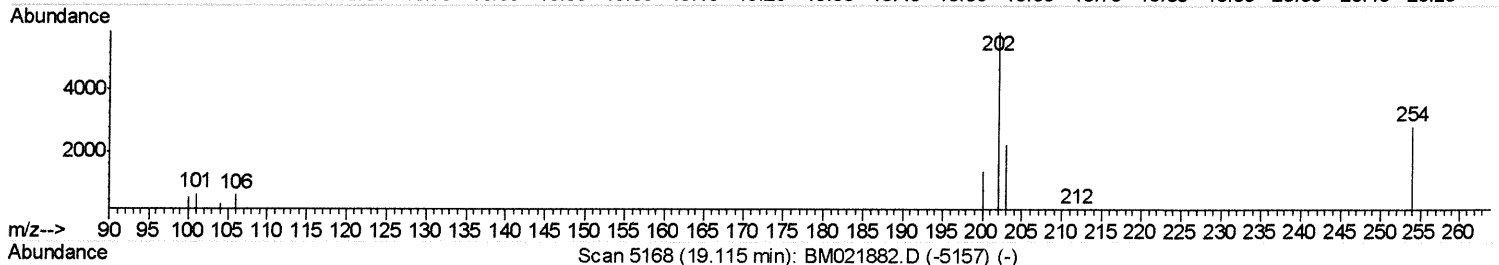
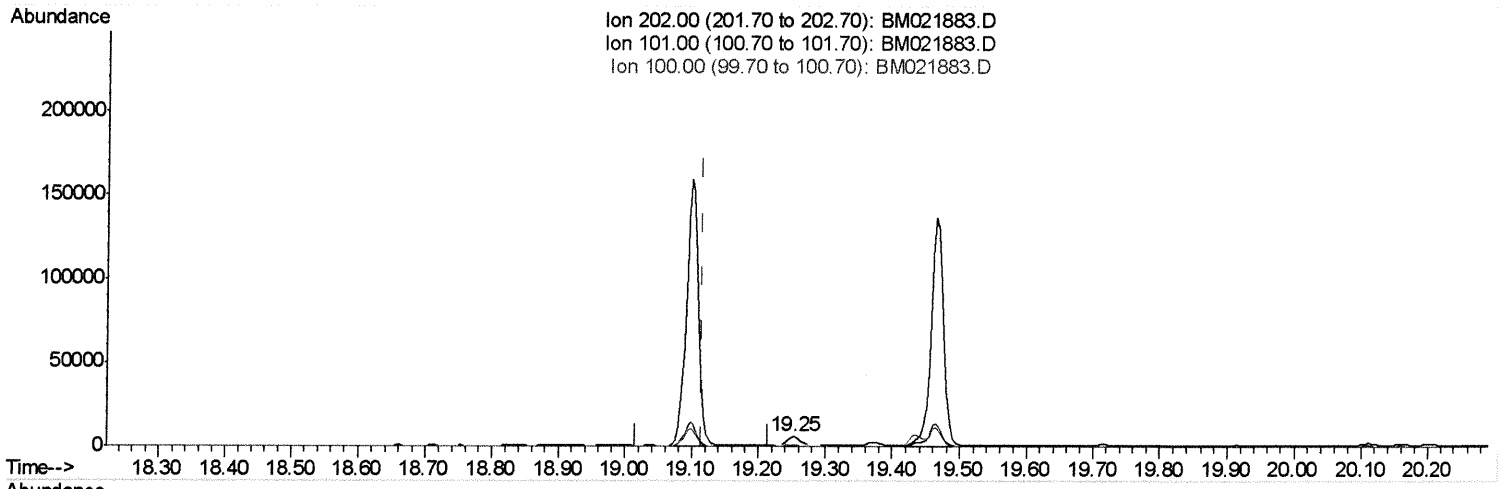
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.135) 0.39ng/ul

response 7017

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.51
100.00	8.10	8.47
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

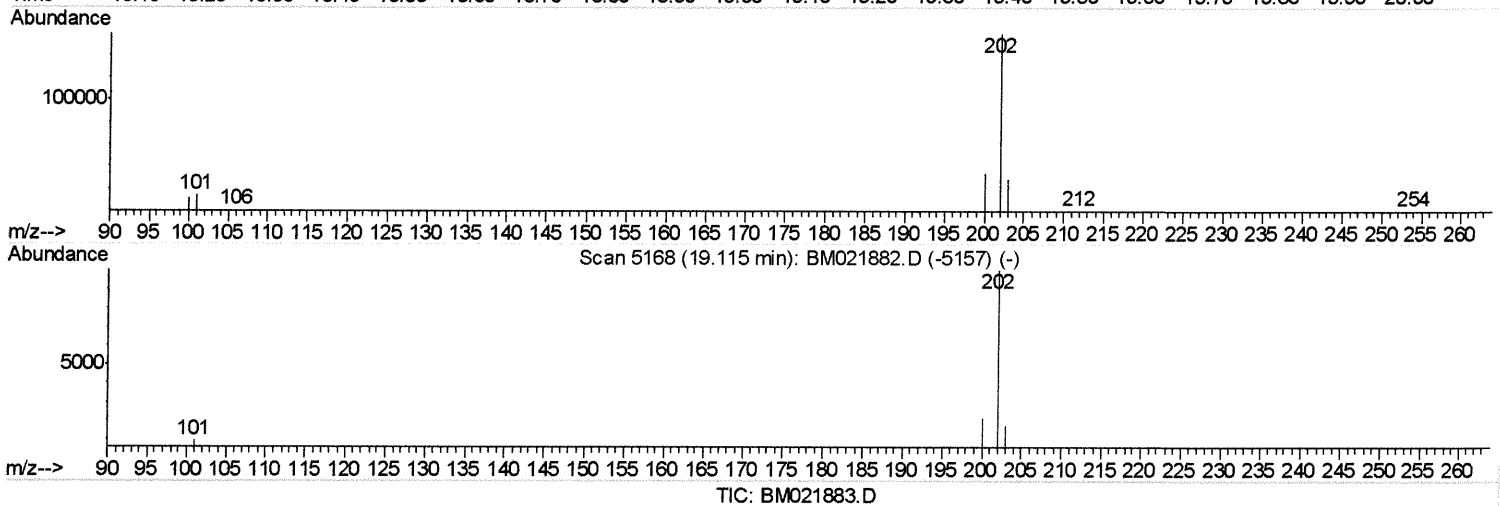
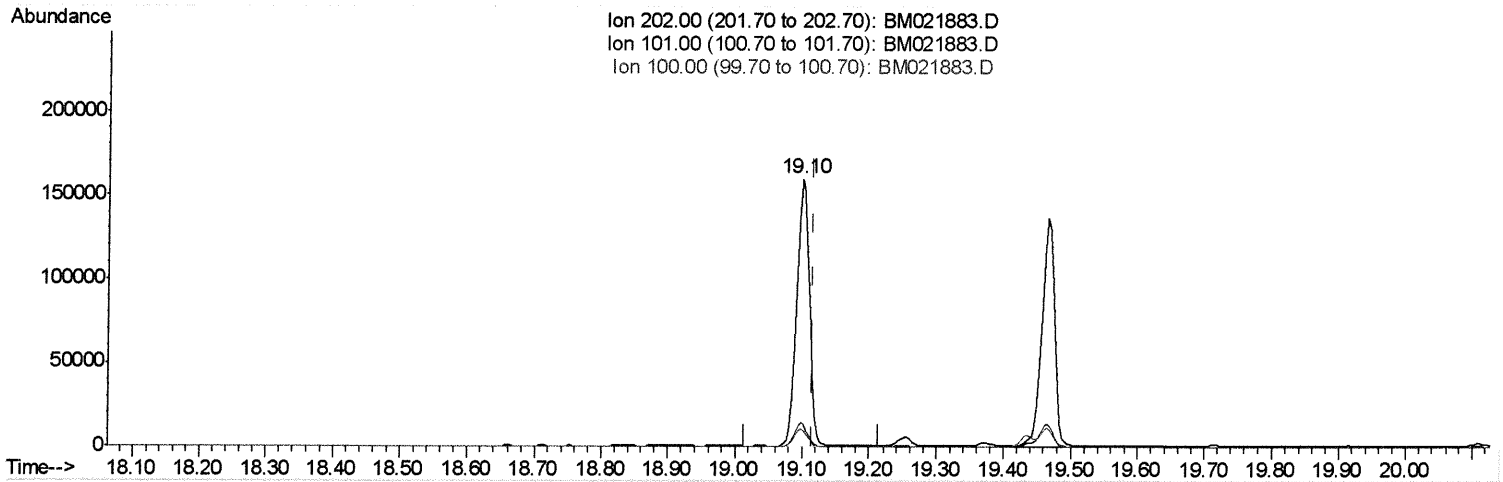
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-0.017) 11.61ng/ul m 68/07/19

response 209084

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.92
100.00	8.10	6.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

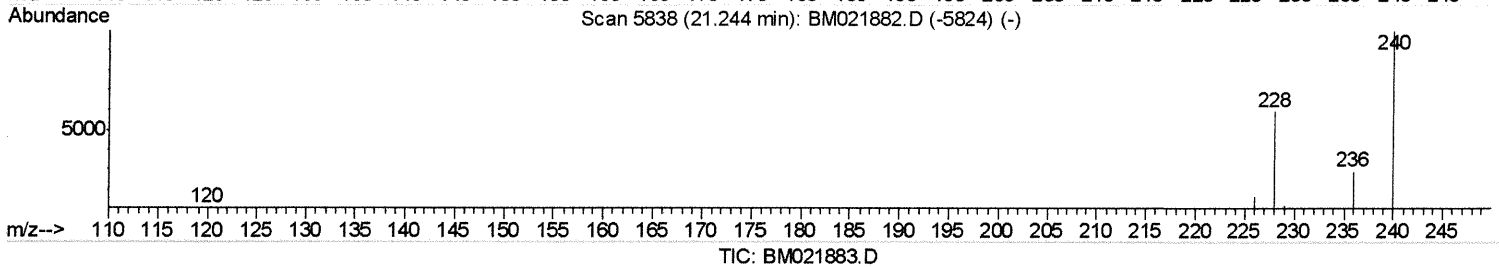
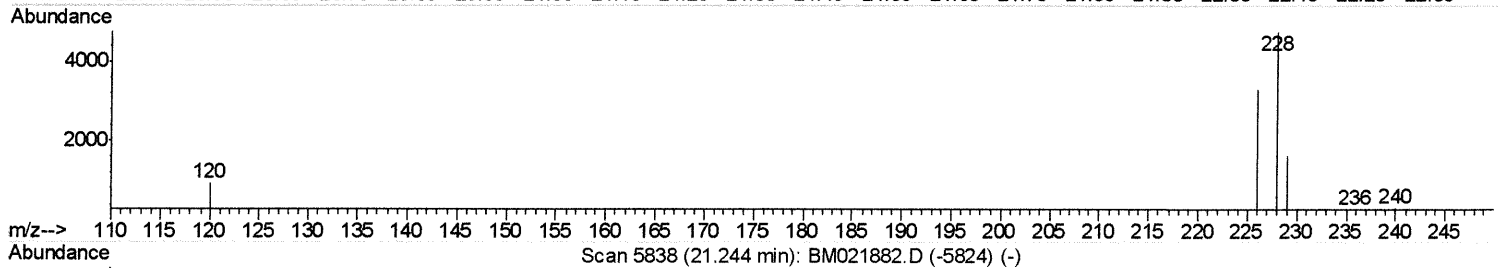
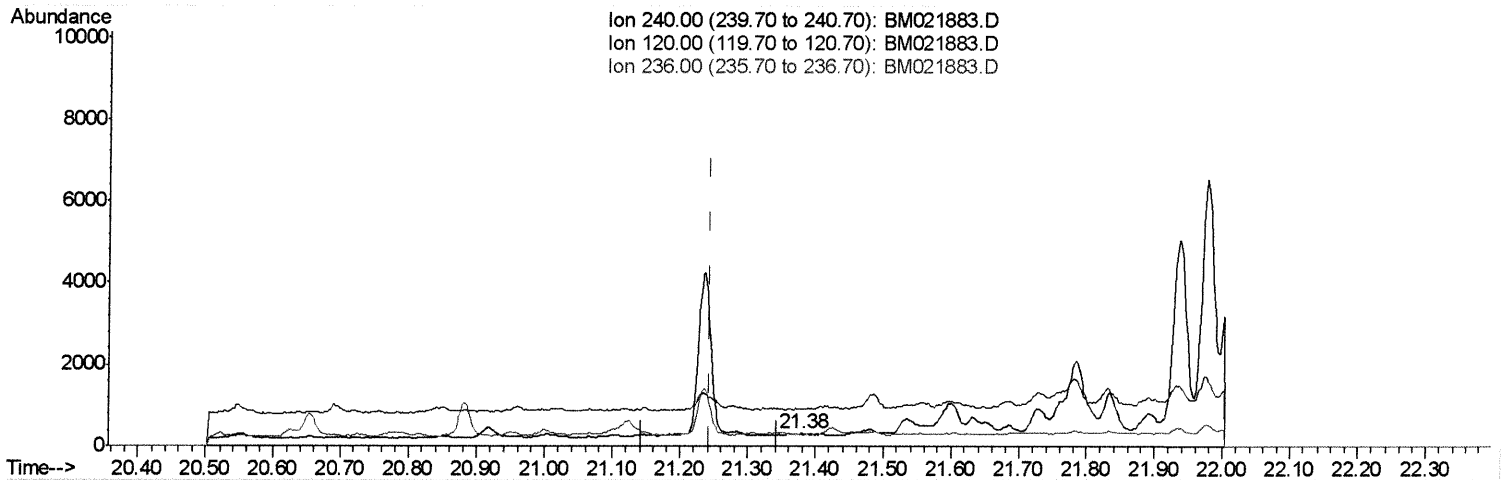
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.379min (+0.135) 0.40ng/ul

response 79

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	293.67#
236.00	32.30	92.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

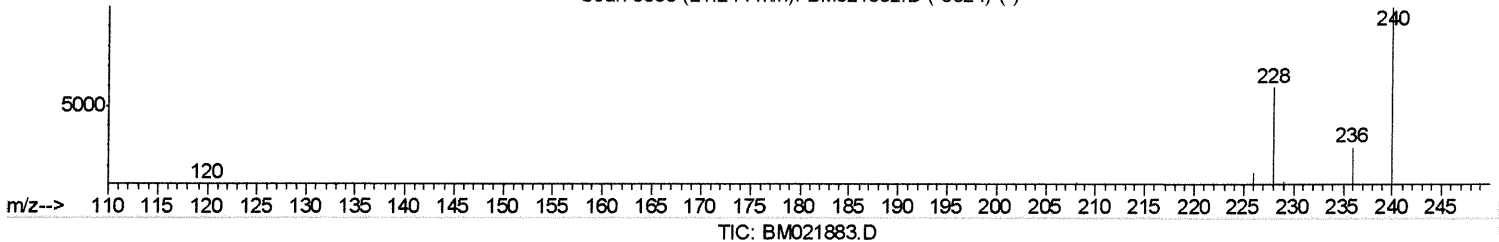
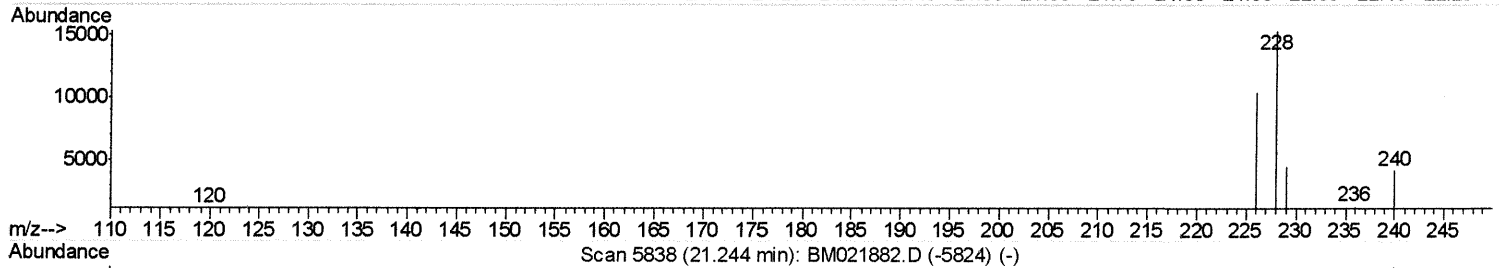
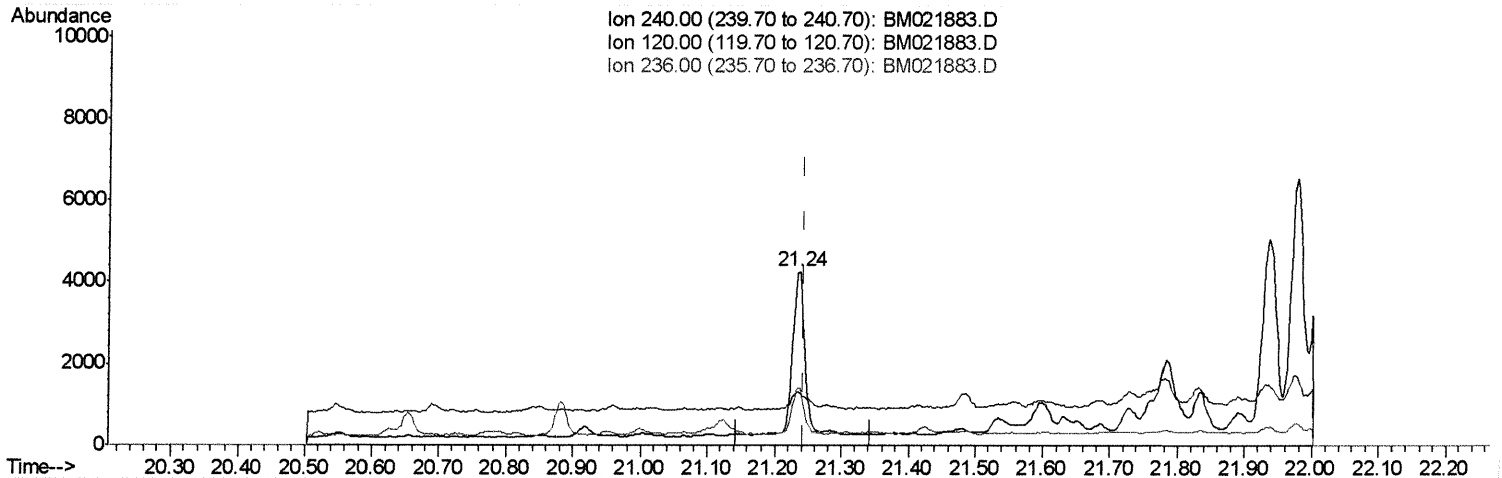
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:31:50 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.236min (-0.008) 0.40ng/ul m JU 08/07/19

response 4799

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	30.16#
236.00	32.30	33.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

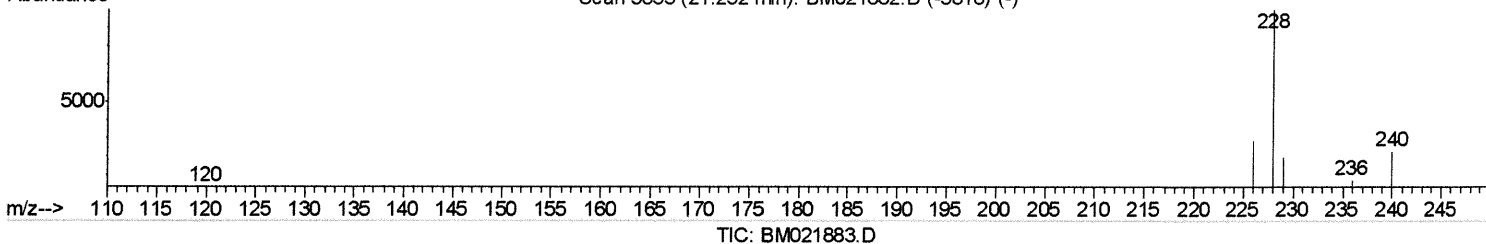
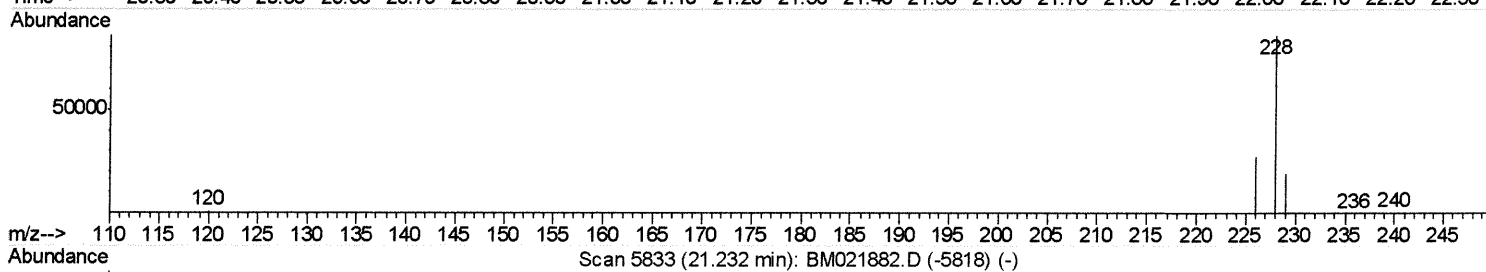
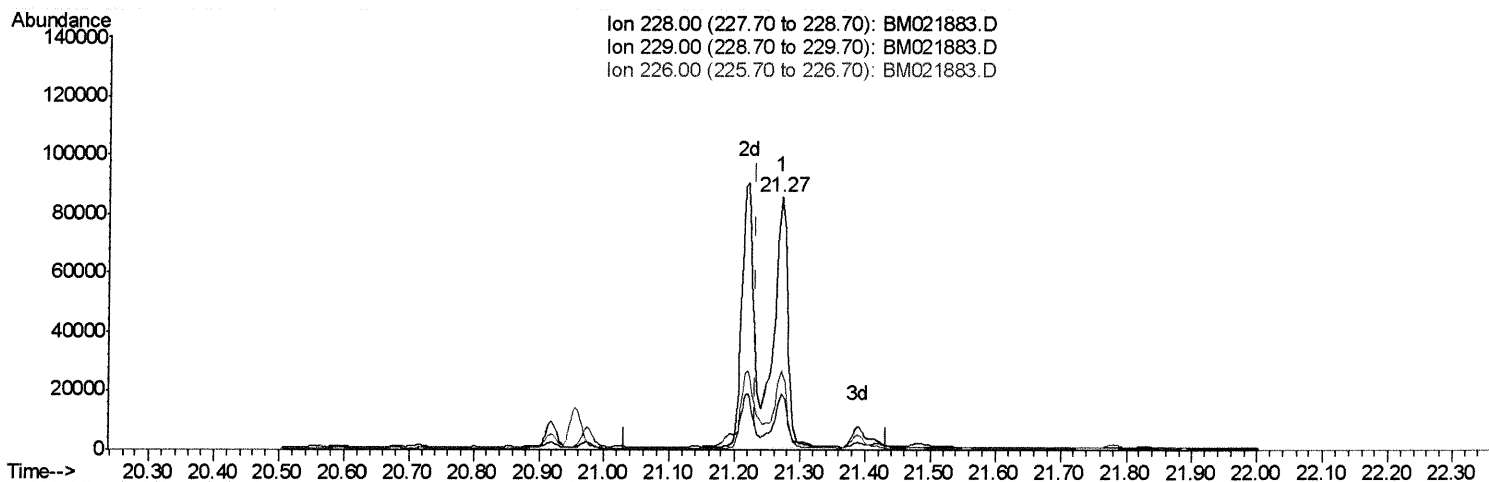
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:33:41 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.270min (+0.038) 7.40ng/ul
response 127049

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.98
226.00	28.30	31.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

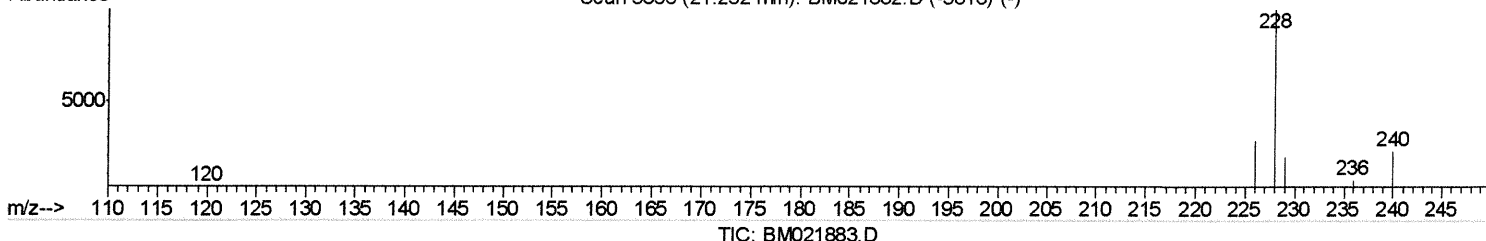
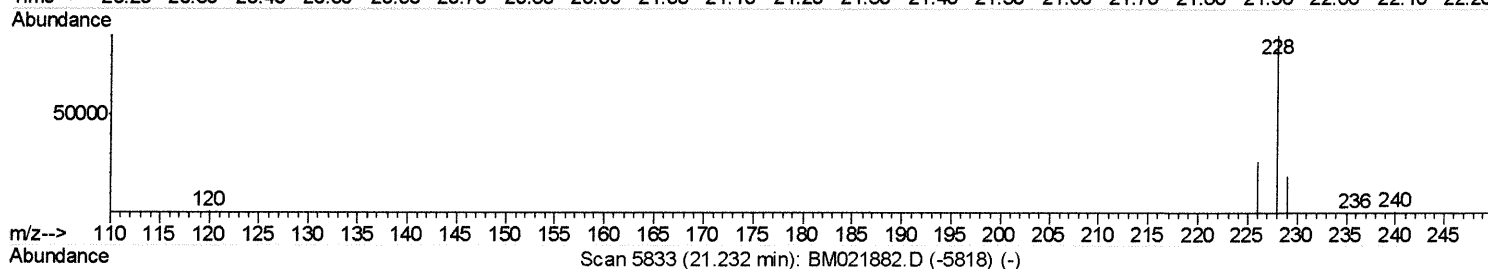
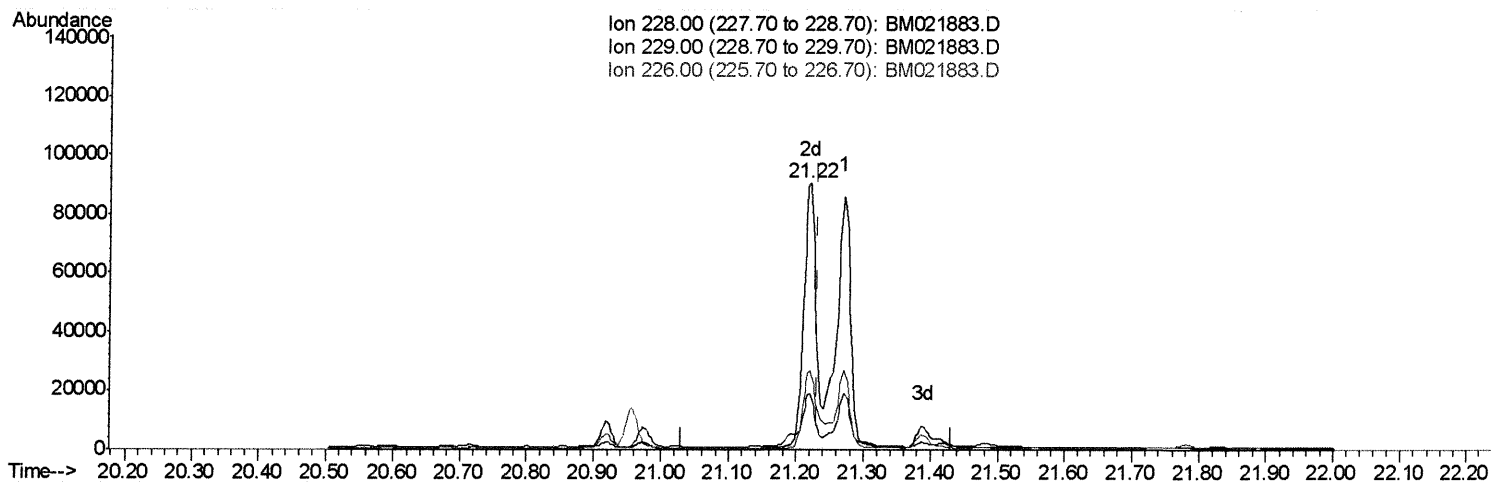
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:33:41 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.219min (-0.013) 6.54ng/ul m 50 8/67/19

response 112227

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.03
226.00	28.30	29.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

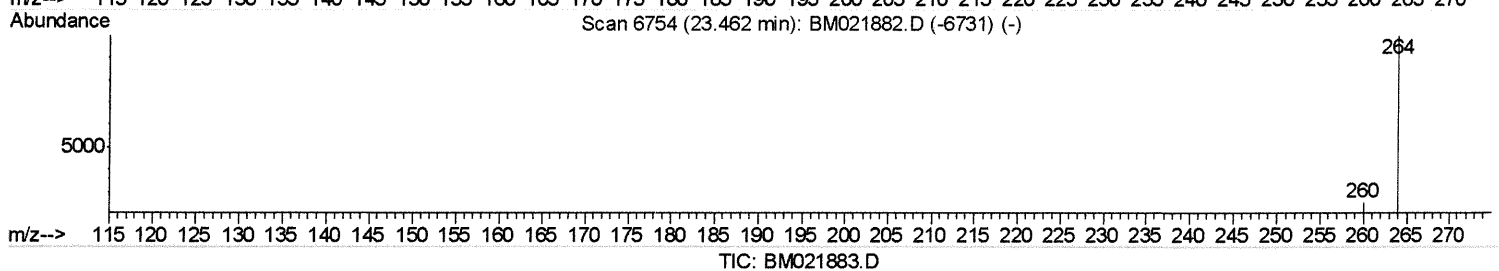
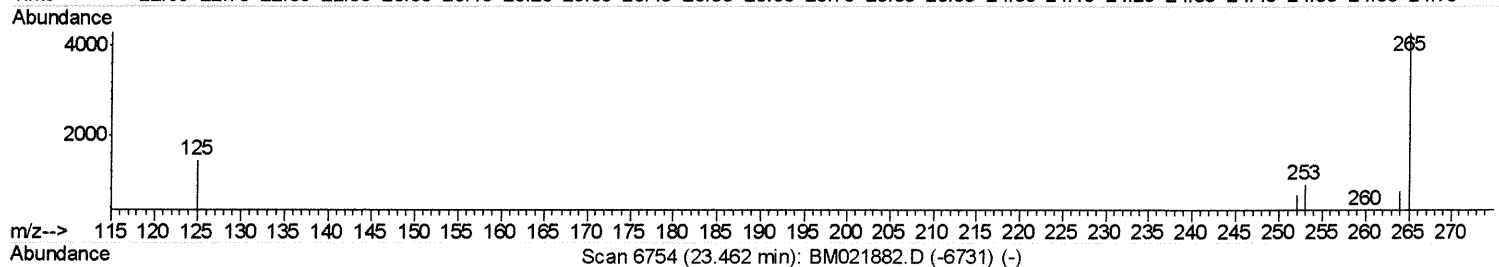
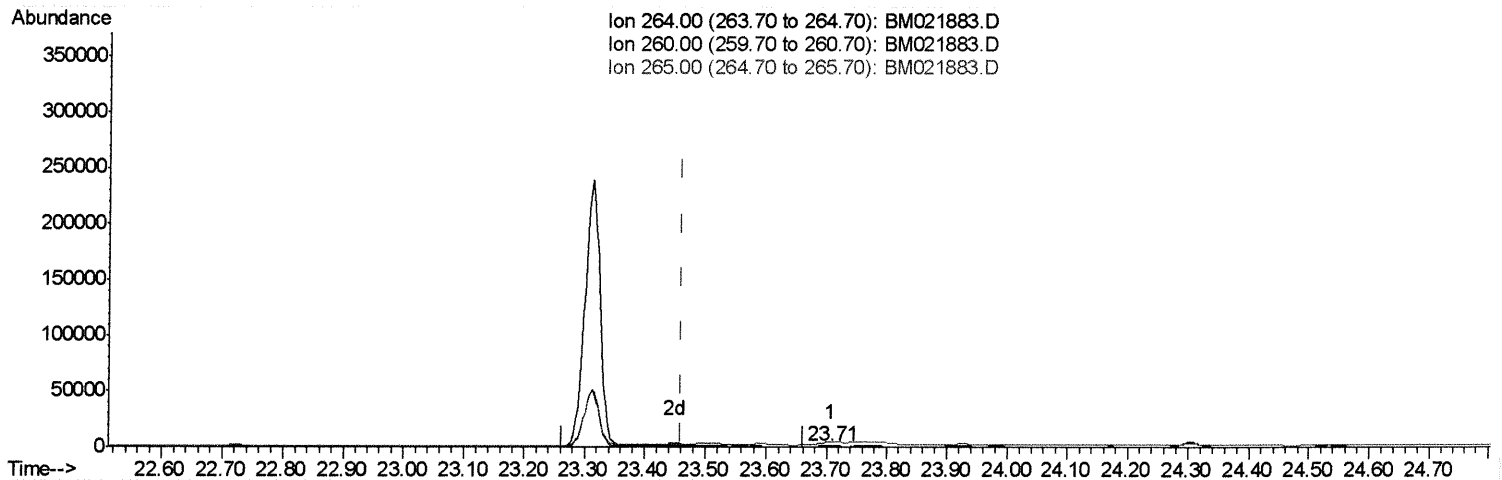
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:33:41 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)
23.706min (+0.244) 0.40ng/ul
response 1979

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	45.52#
265.00	117.00	584.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

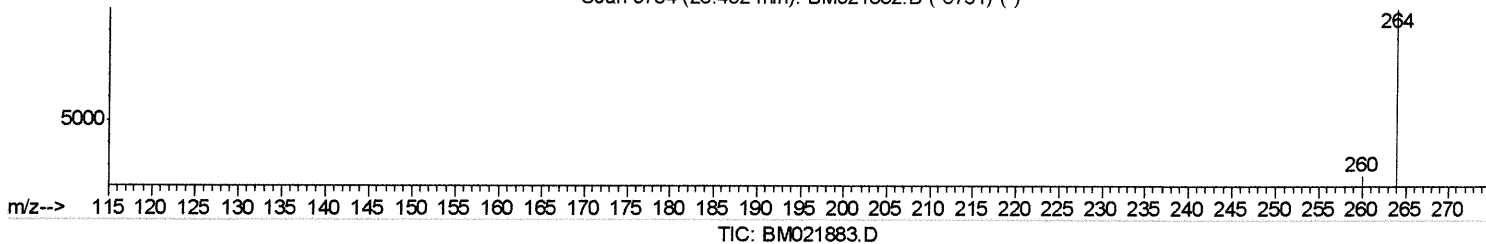
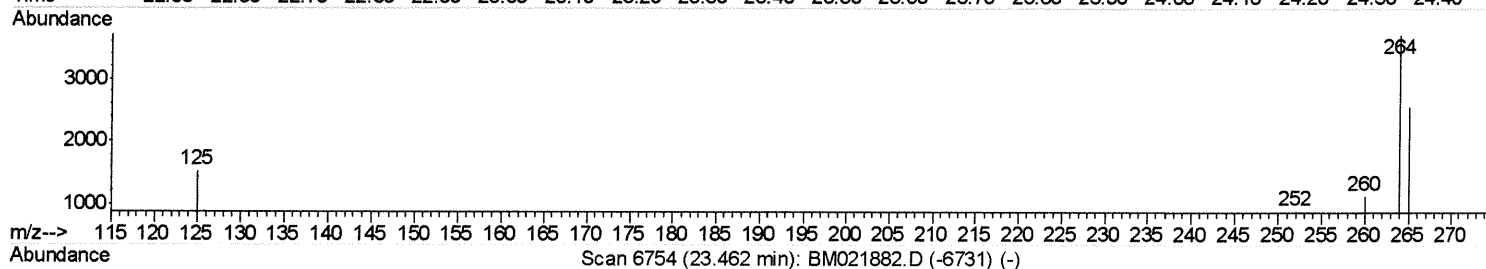
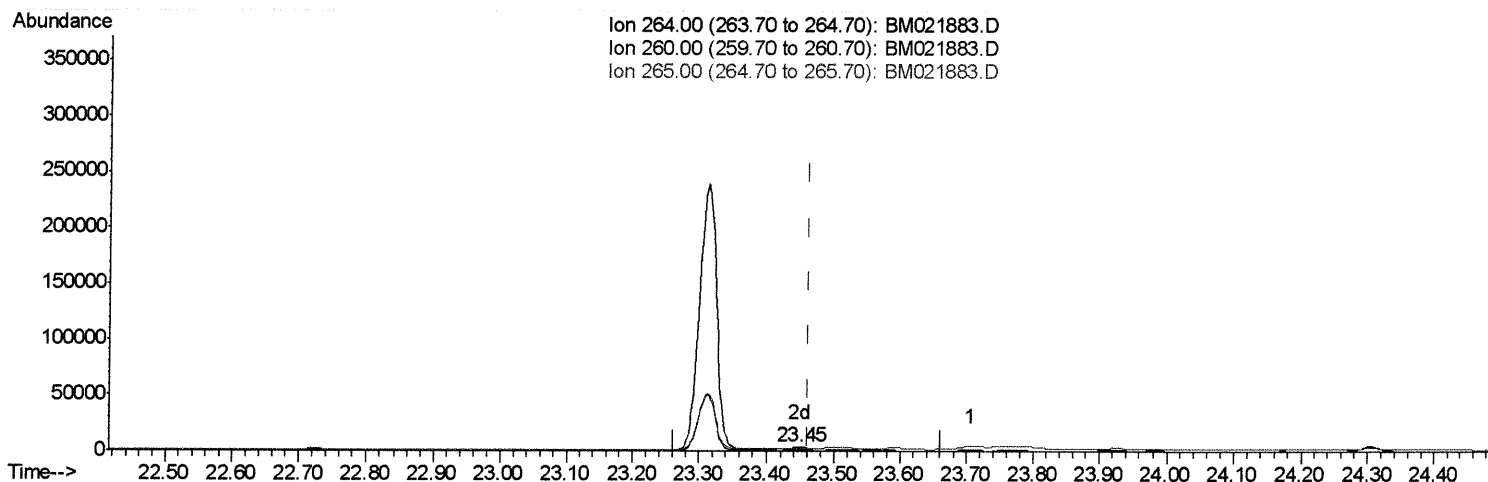
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:33:41 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.450min (-0.013) 0.40ng/ul m *JU 08/07/19*

response 5320

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	30.70
265.00	117.00	69.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

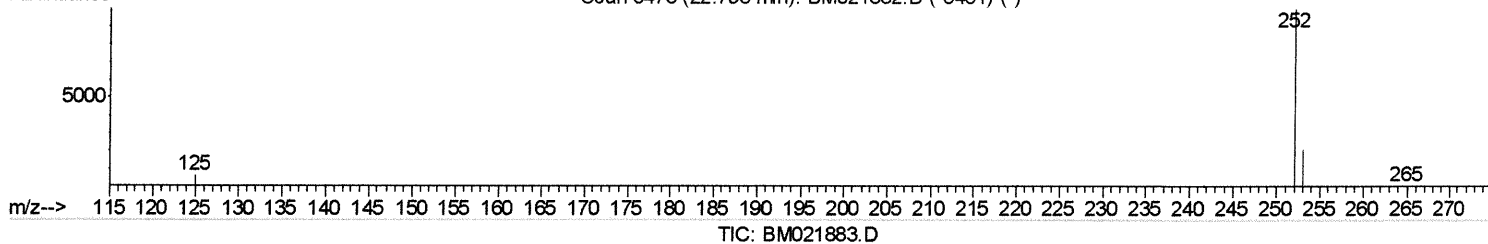
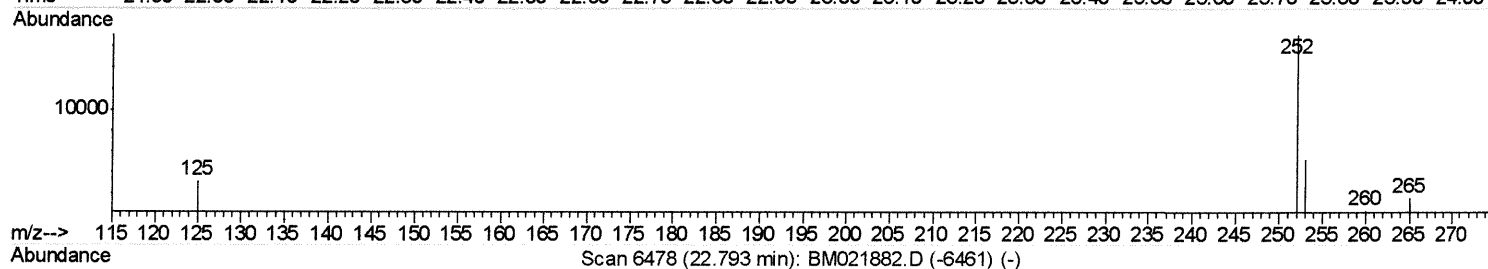
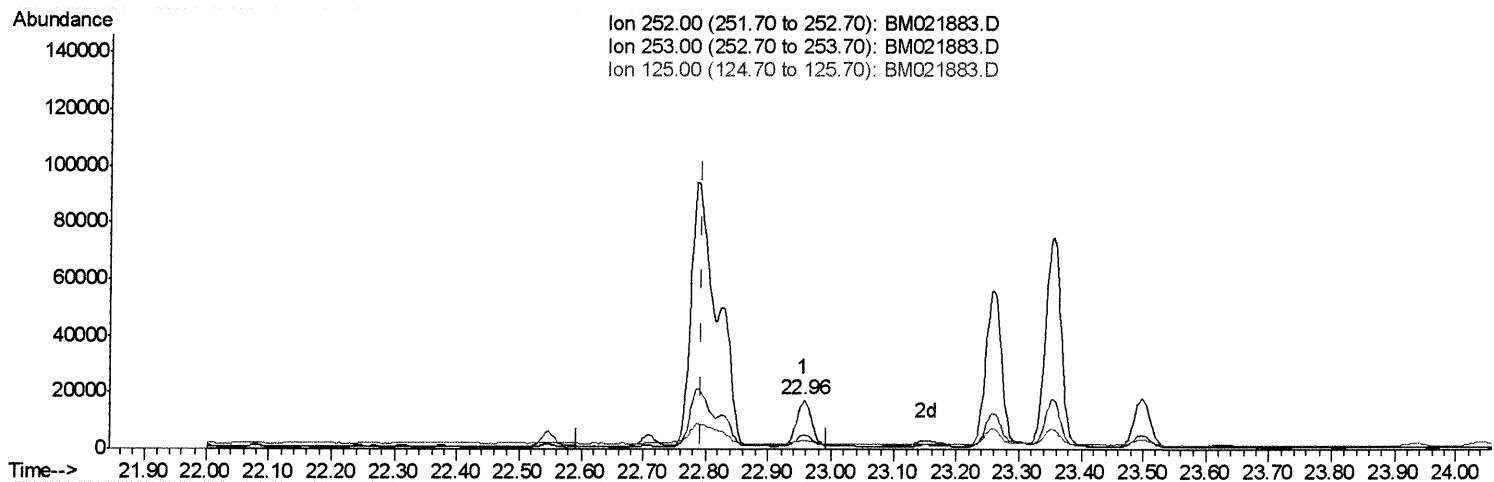
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
22.955min (+0.162) 1.65ng/ui
response 29669

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.32
125.00	15.50	18.55
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

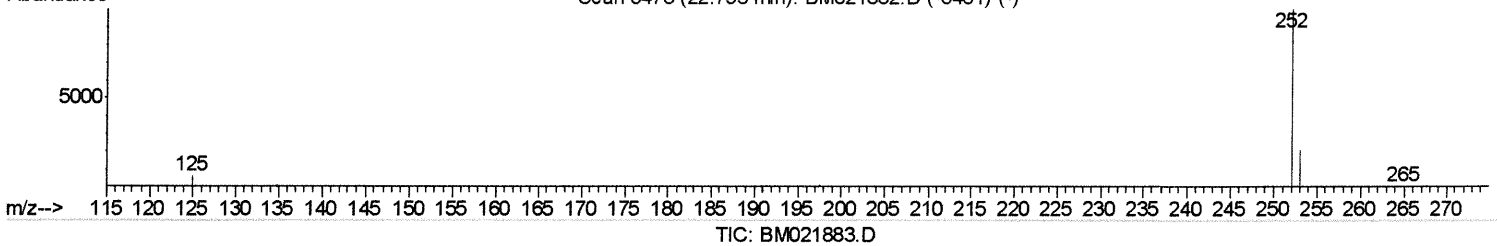
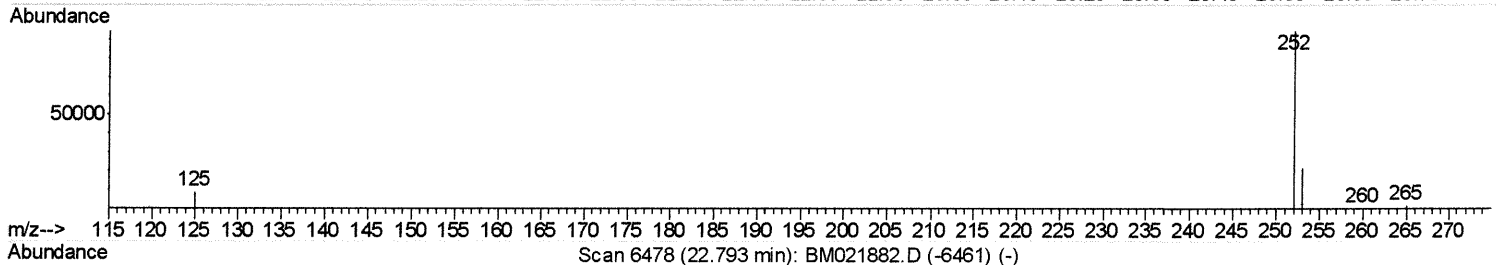
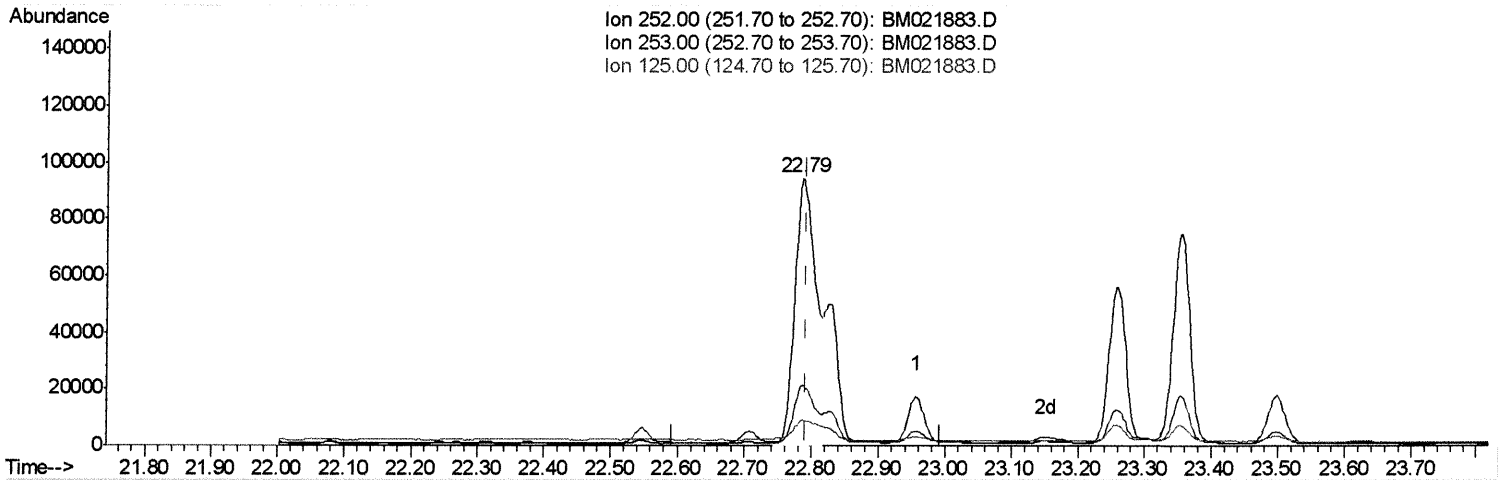
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.008) 11.61ng/ul m *JU 08/07/19*

response 208316

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.96
125.00	15.50	9.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

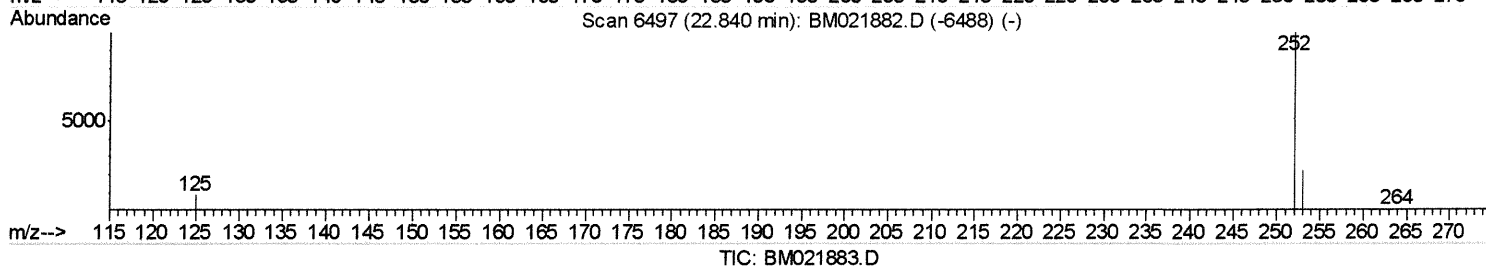
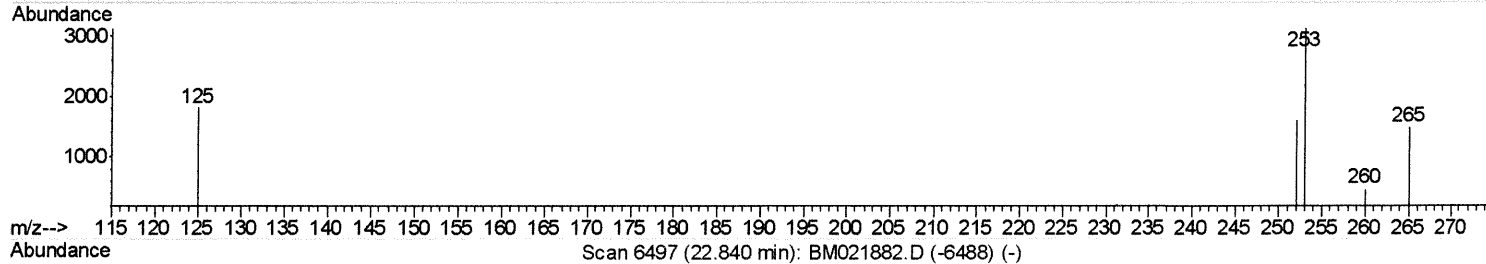
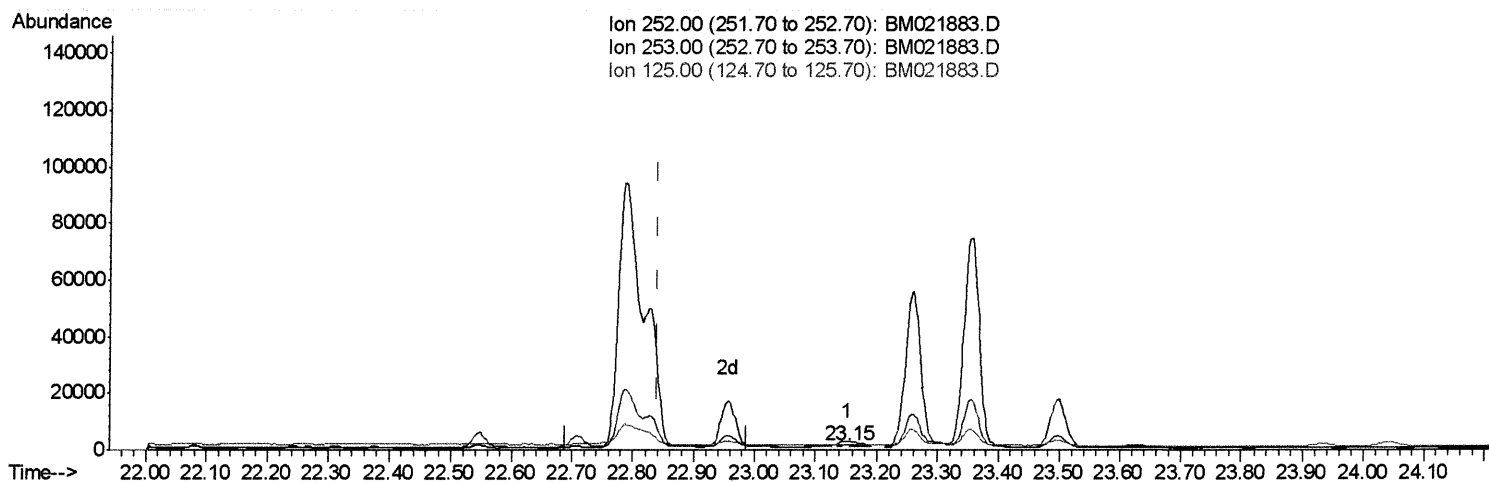
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
23.152min (+0.312) 0.13ng/ul
response 2549
Ion Exp% Act%
252.00 100 100
253.00 33.70 194.14#
125.00 15.20 112.78#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

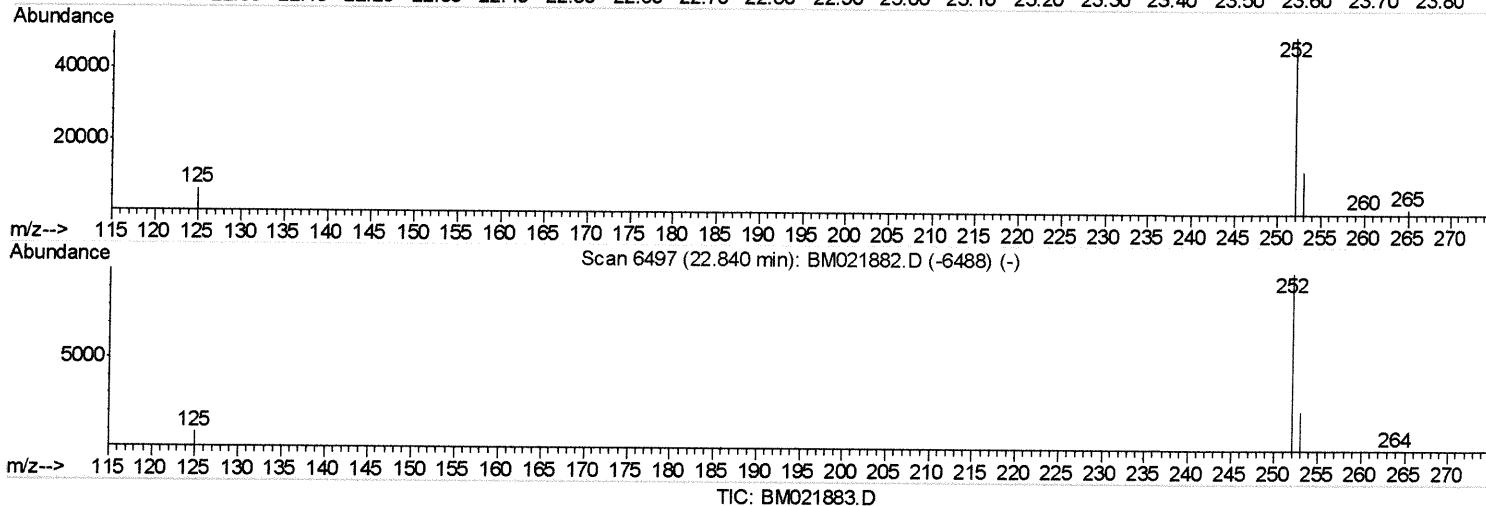
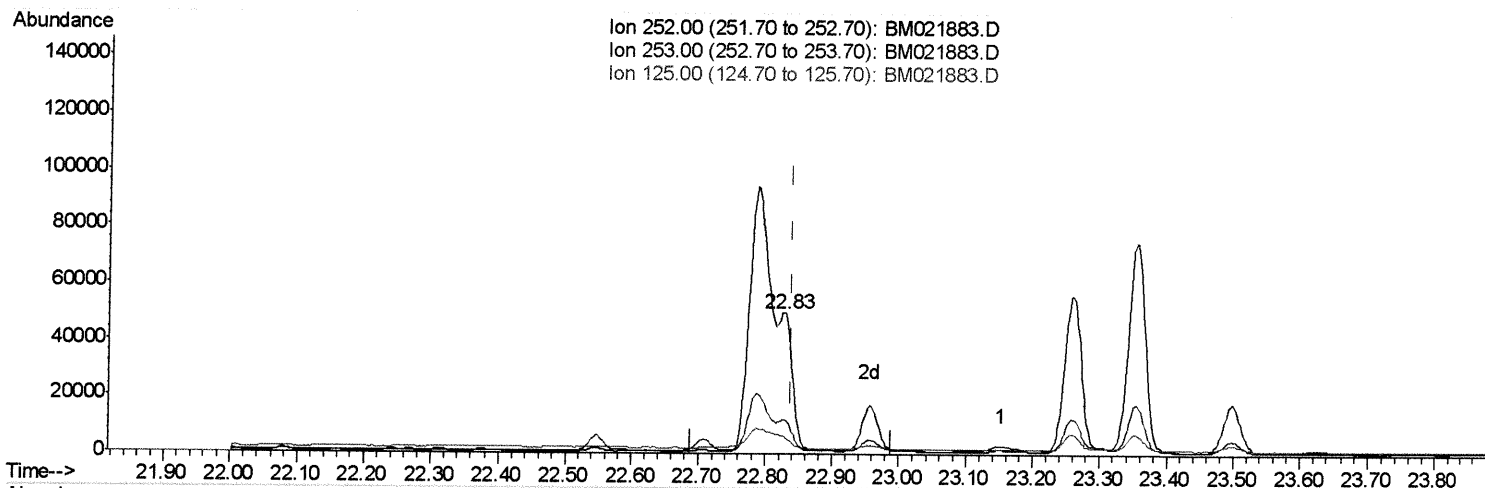
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
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Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.829min (-0.010) 3.46ng/ul m

response 70201

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.34#
125.00	15.20	12.09#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

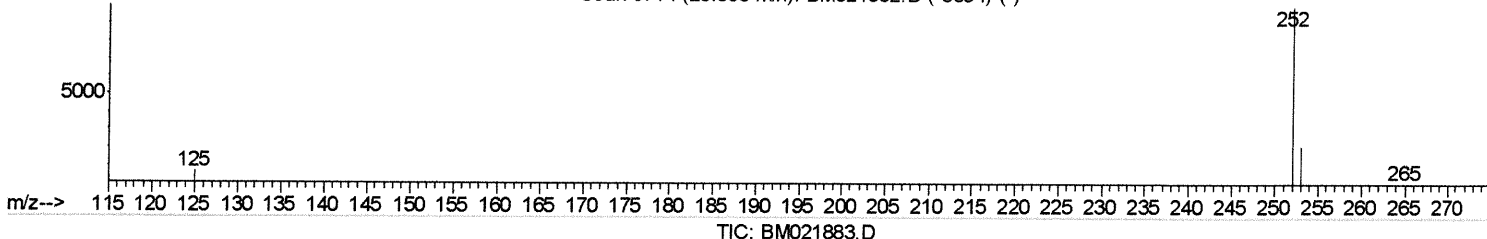
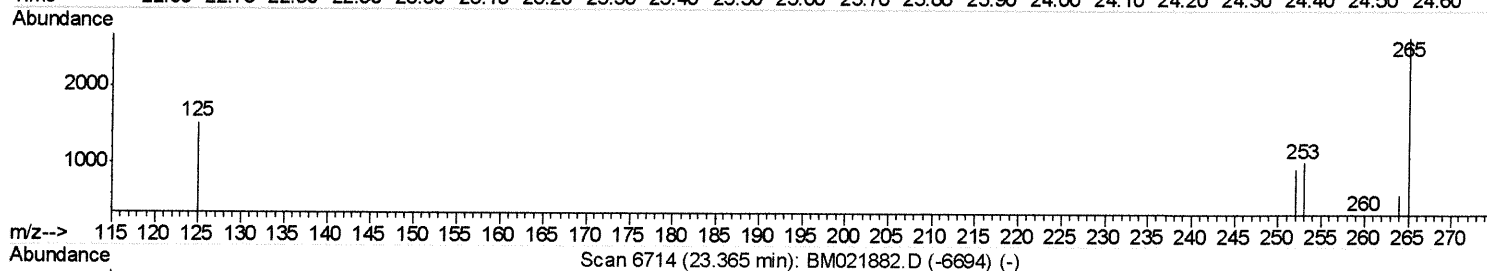
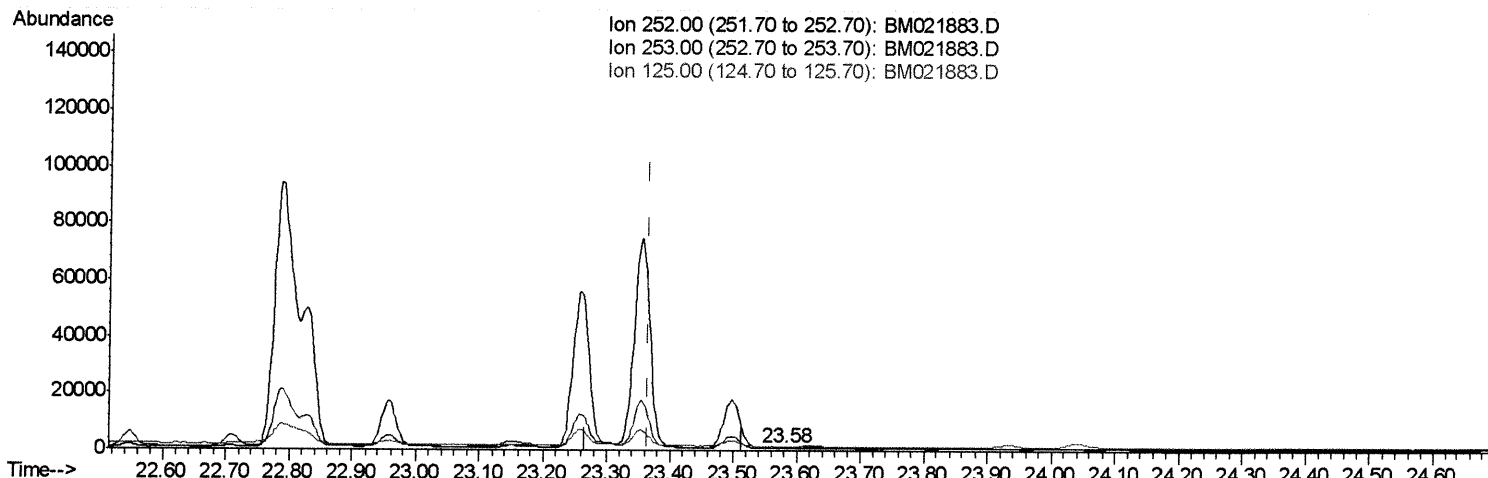
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
23.580min (+0.215) 0.06ng/ul
response 1063

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	110.47#
125.00	18.20	161.75#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

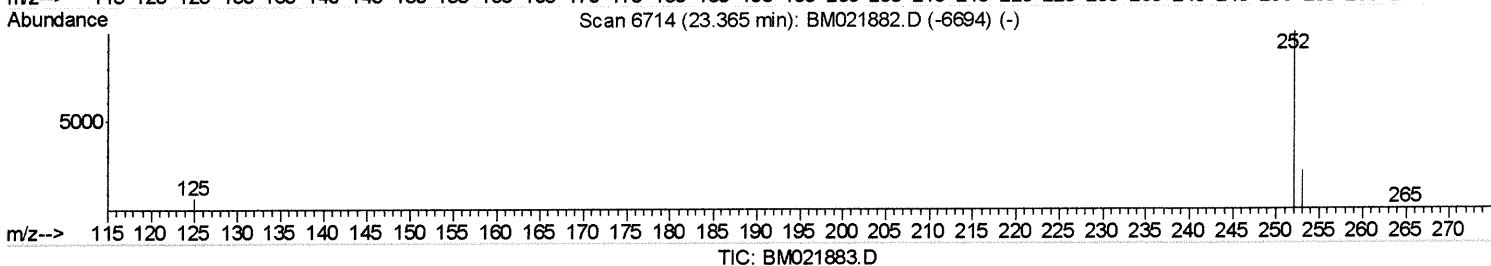
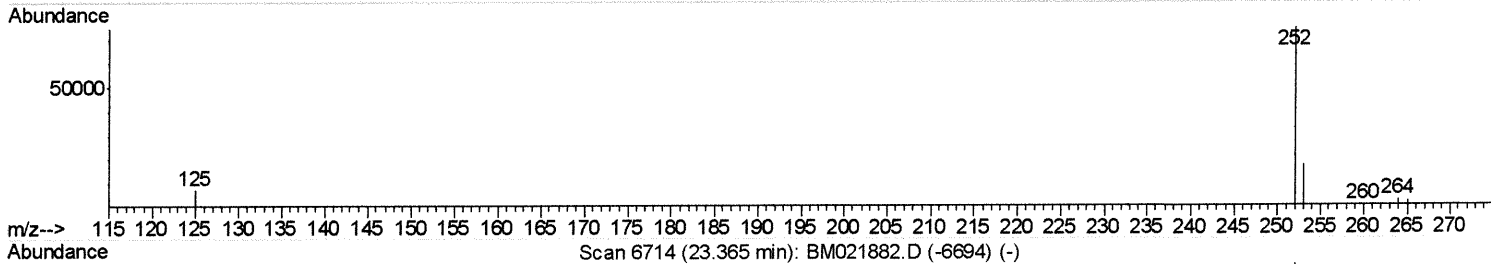
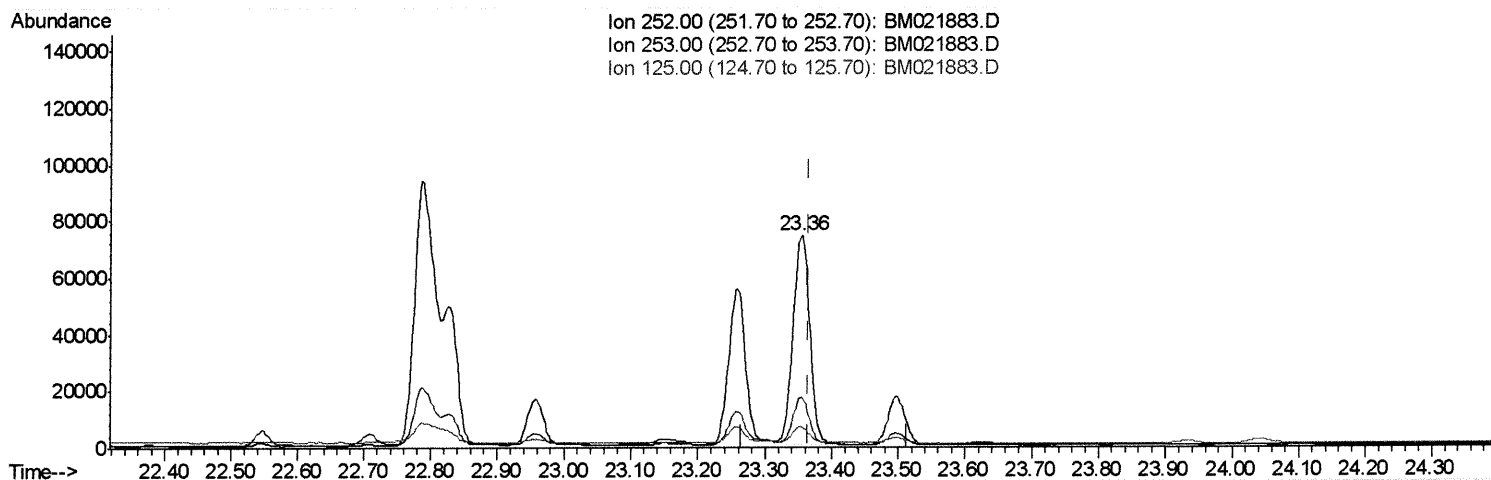
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.355min (-0.010) 7.05ng/ul m

JU 08/07/19

response 128659

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.37#
125.00	18.20	9.84#
0.00	0.00	0.00

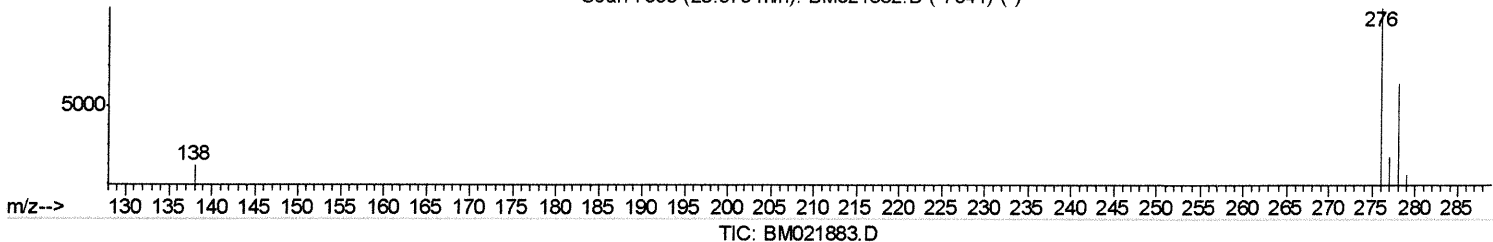
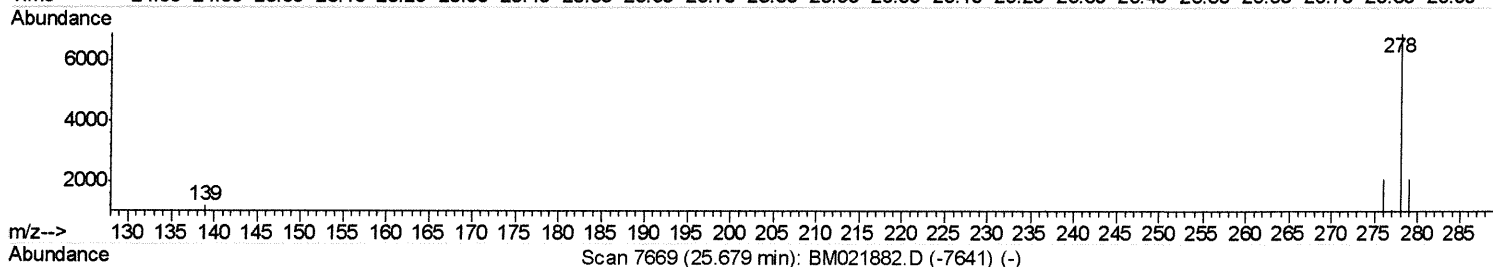
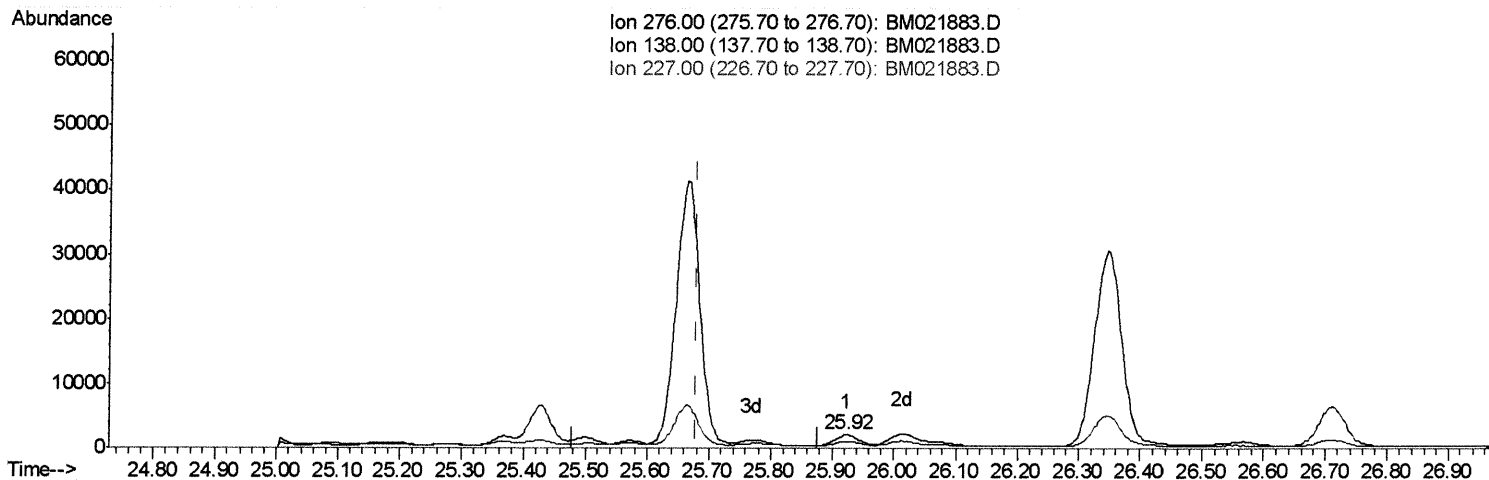
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
 Quantitation Report (Qedit)
 Data File : BM021883.D
 Acq On : 07 Aug 2019 06:50
 Operator : HP/JU
 Sample : K3893-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BEP15

Manual Integrations
 APPROVED

mohammad
 8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
 Response via : Initial Calibration



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

25.923min (+0.244) 0.21ng/ul

response 4648

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	43.33#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

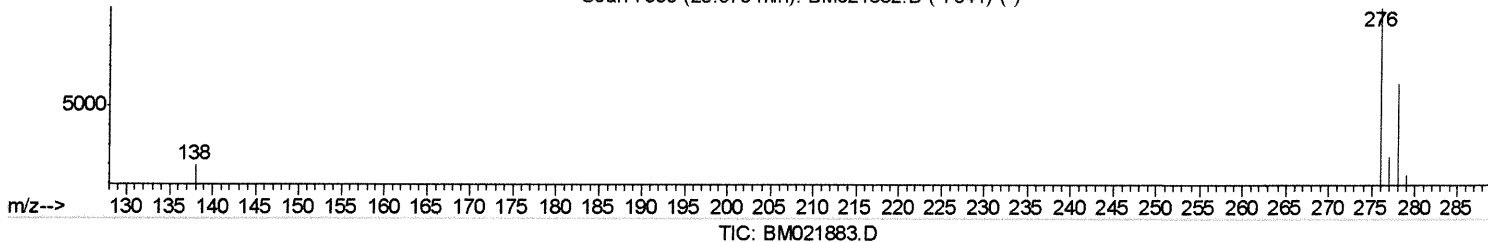
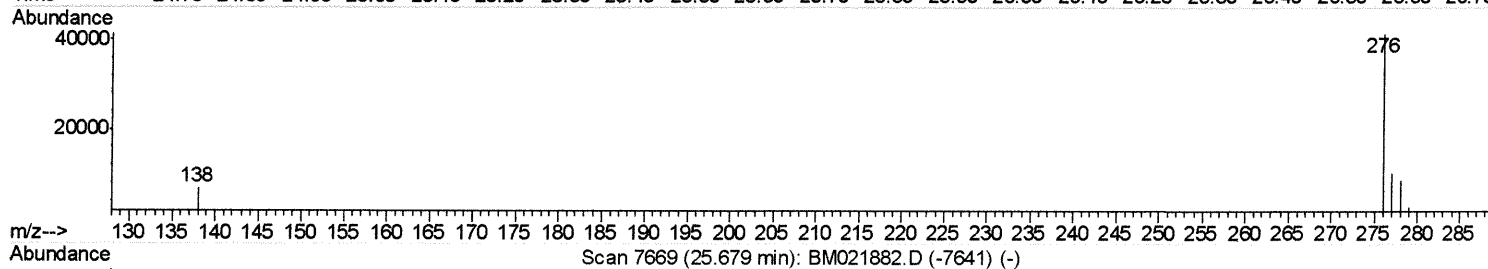
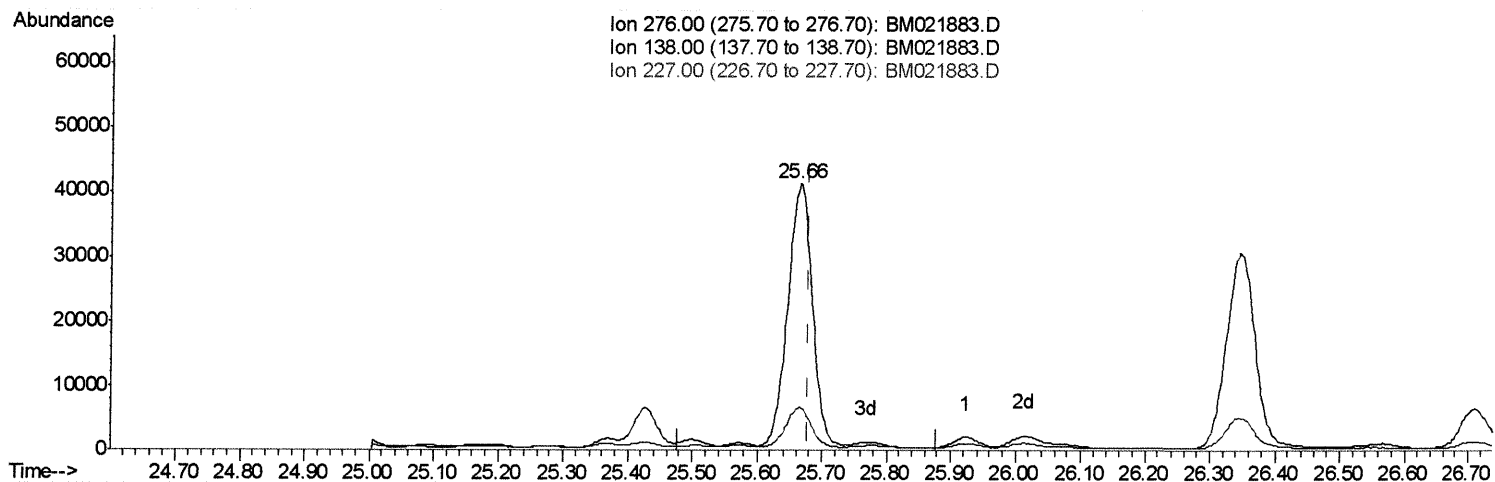
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



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

25.664min (-0.015) 5.03ng/ul m

JU
08/07/19

response 109536

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.84#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

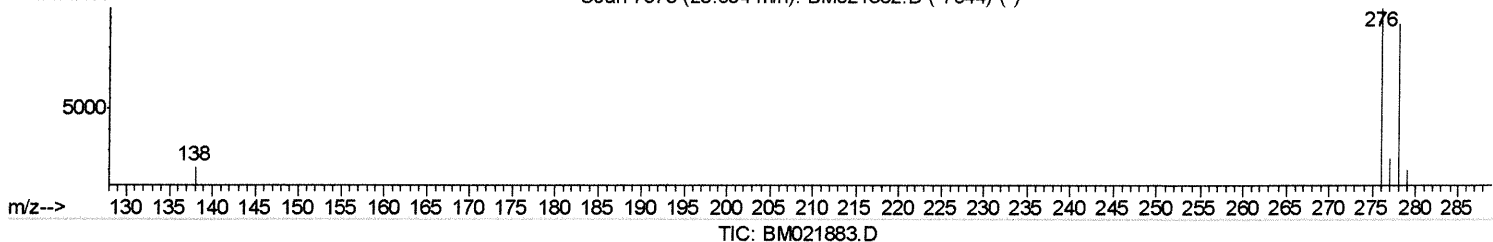
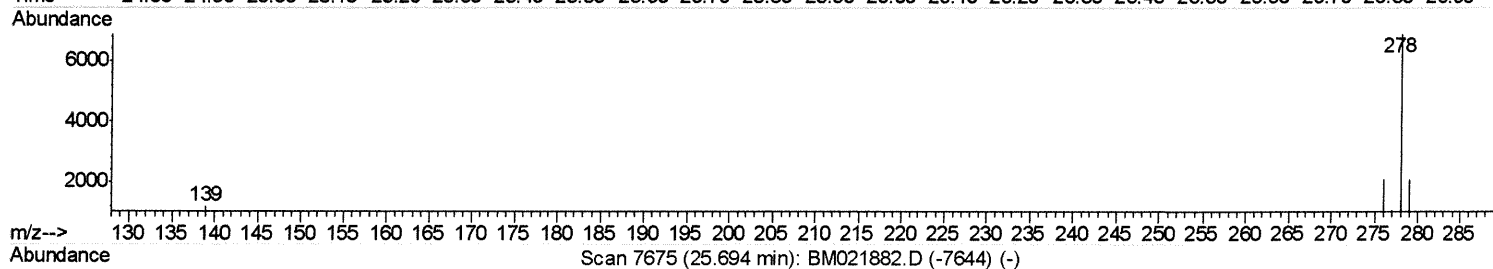
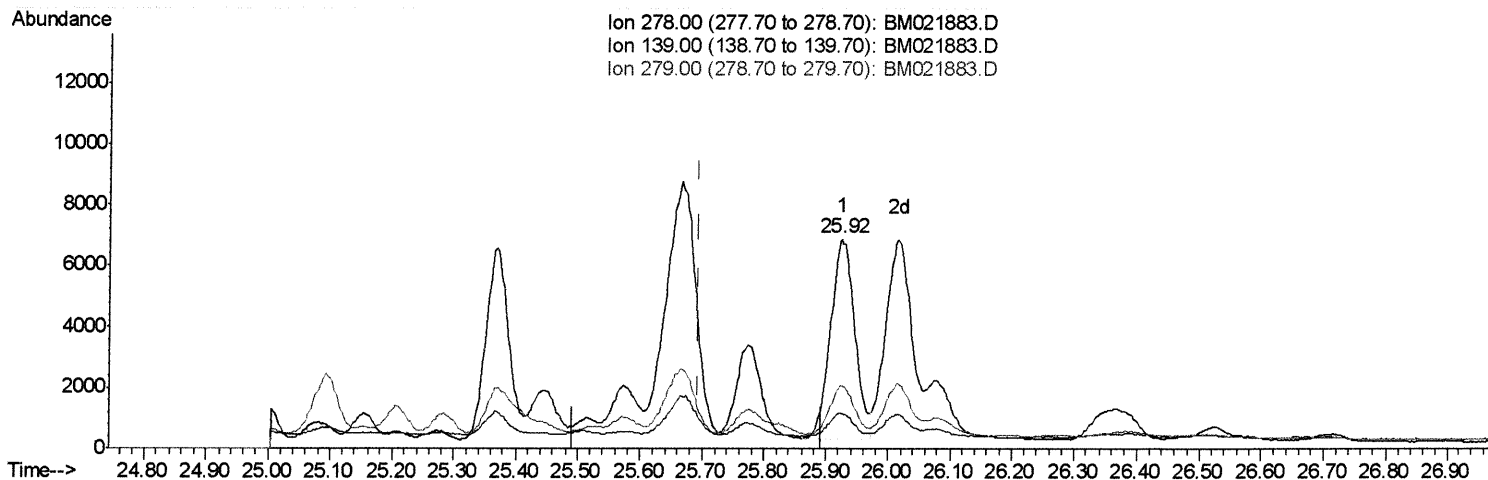
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.923min (+0.230) 1.01ng/ul

response 17745

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.14
279.00	35.40	30.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

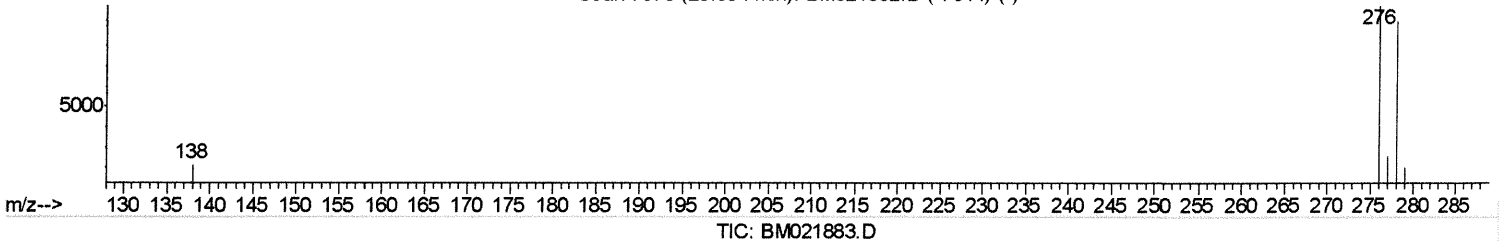
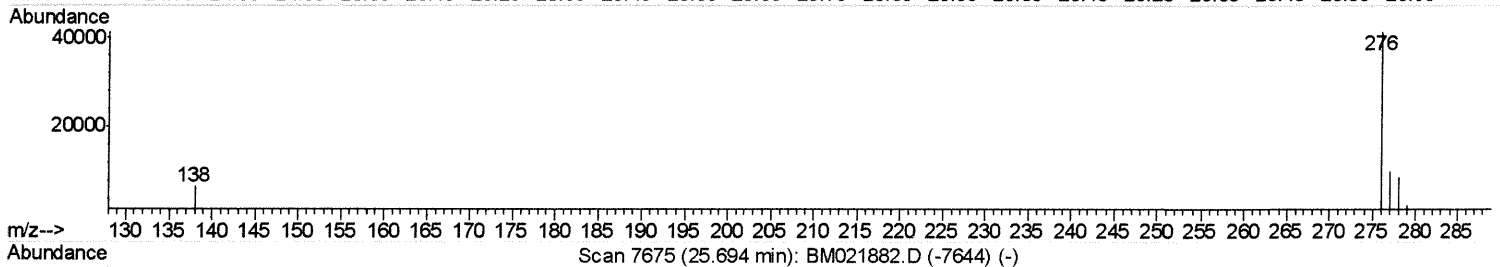
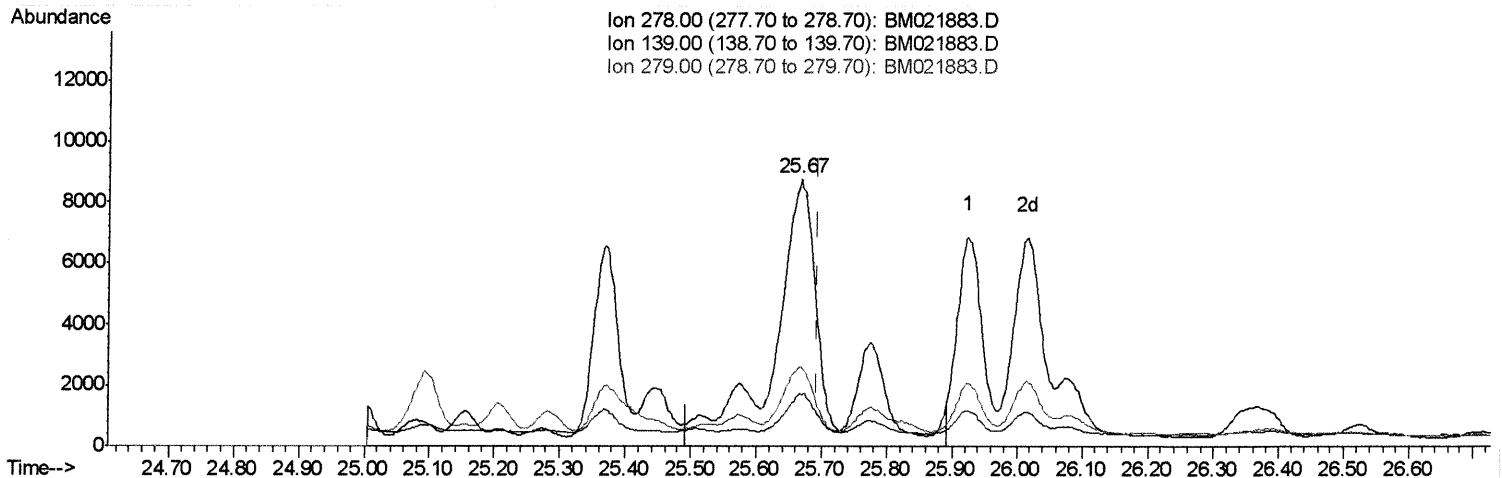
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.666min (-0.027) 1.54ng/ul m

JU
08/07/19

response 27156

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.69
279.00	35.40	29.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

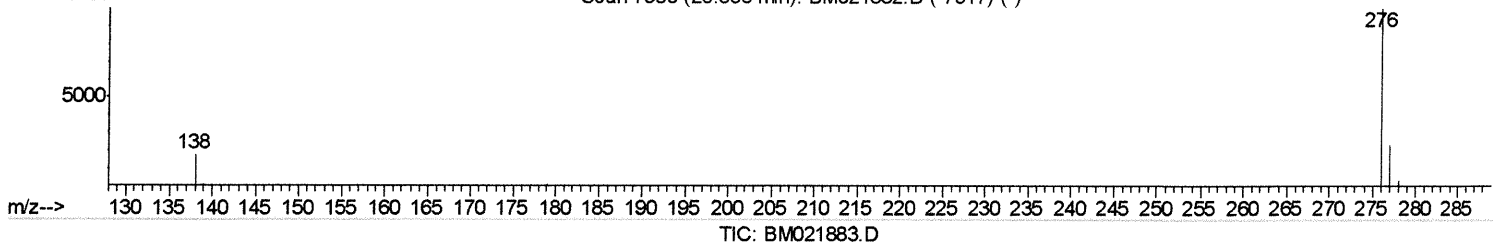
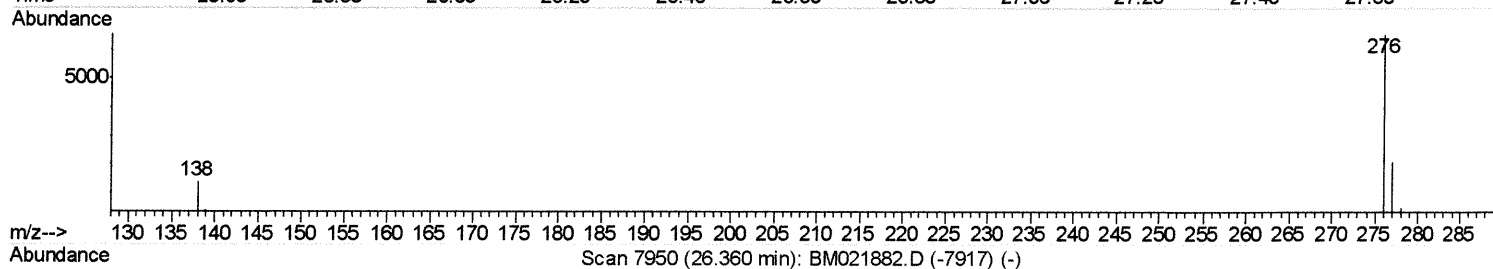
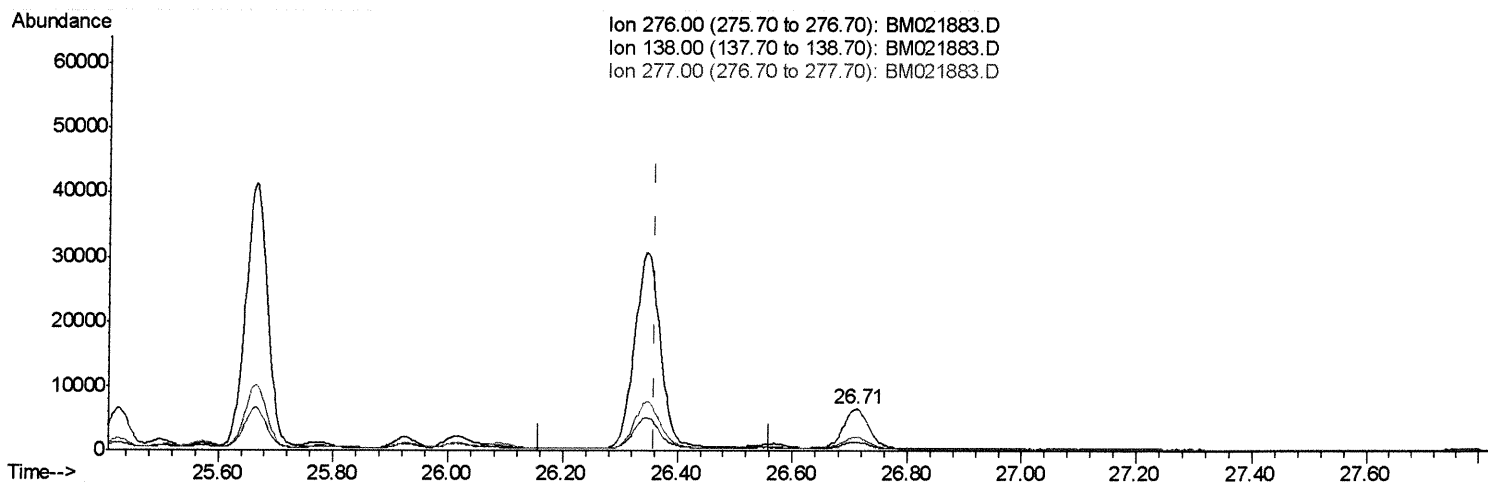
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



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

26.711min (+0.351) 0.99ng/ul

response 19408

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	21.33
277.00	26.80	32.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

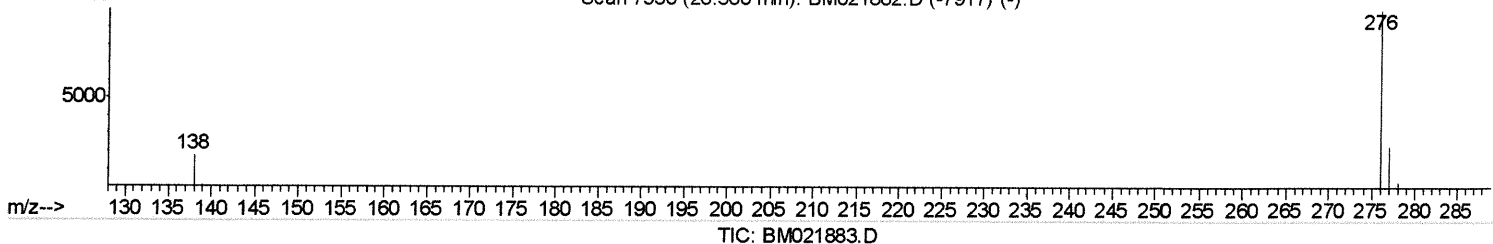
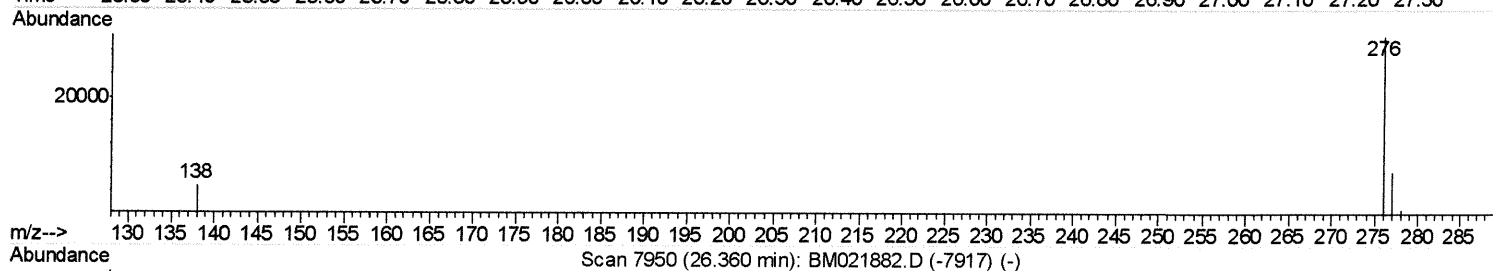
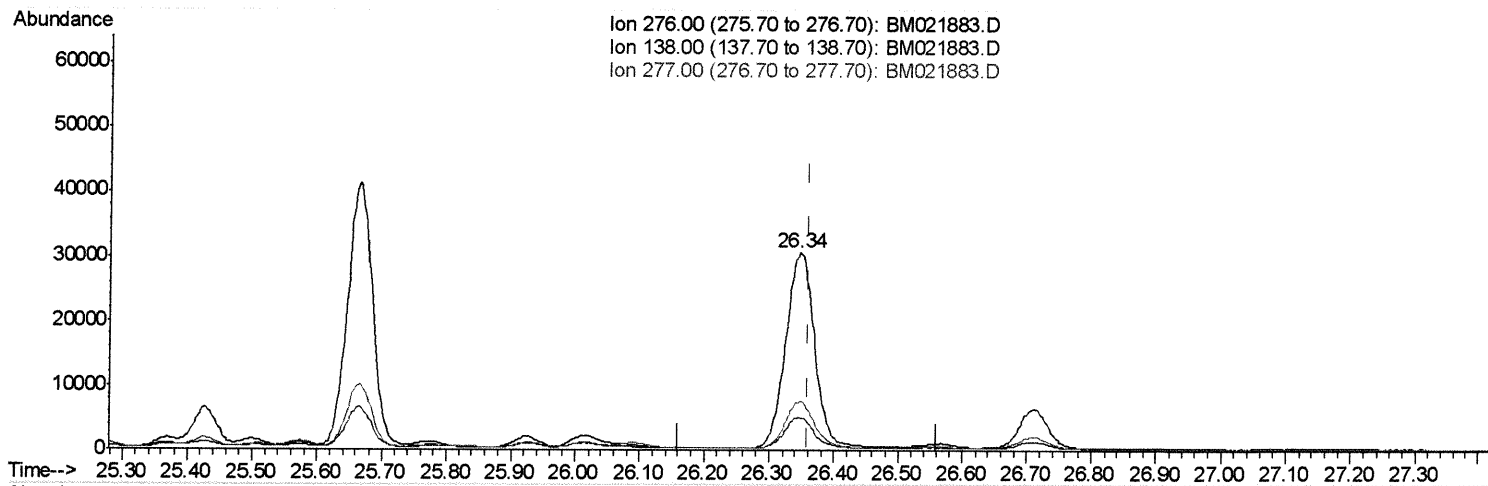
Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:34:22 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



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

26.345min (-0.015) 4.80ng/ul m

response 94114

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	16.78
277.00	26.80	24.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (QT Reviewed)

Data File : BM021883.D
Acq On : 07 Aug 2019 06:50
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
BEP15

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:48 PM

Quant Time: Aug 07 08:36:24 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3401	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	1919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4621m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4799m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5320m →	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	1631	0.29	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	4636m →	0.30	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	3569	0.372	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	2432	0.380	ng/ul	97
7) Acenaphthylene	14.00	152	11987	1.339	ng/ul#	81
8) Acenaphthene	14.34	153	2022	0.276	ng/ul	98
9) Fluorene	15.33	166	3415	0.420	ng/ul	98
12) Phenanthrene	17.07	178	68749m →	5.113	ng/ul	99
13) Anthracene	17.17	178	16134m →	1.407	ng/ul	99
15) Fluoranthene	19.10	202	209084m →	11.609	ng/ul	99
17) Pyrene	19.46	202	178219	9.037	ng/ul	99
18) Benzo(a)anthracene	21.22	228	112227m →	6.538	ng/ul	99
19) Chrysene	21.27	228	127049	5.755	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	208316m →	11.612	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	70201m →	3.458	ng/ul	99
23) Benzo(a)pyrene	23.36	252	128659m →	7.052	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	109536m →	5.028	ng/ul	99
25) Dibenzo(a,h)anthracene	25.67	278	27156m →	1.542	ng/ul	99
26) Benzo(g,h,i)perylene	26.34	276	94114m →	4.799	ng/ul	99

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