

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

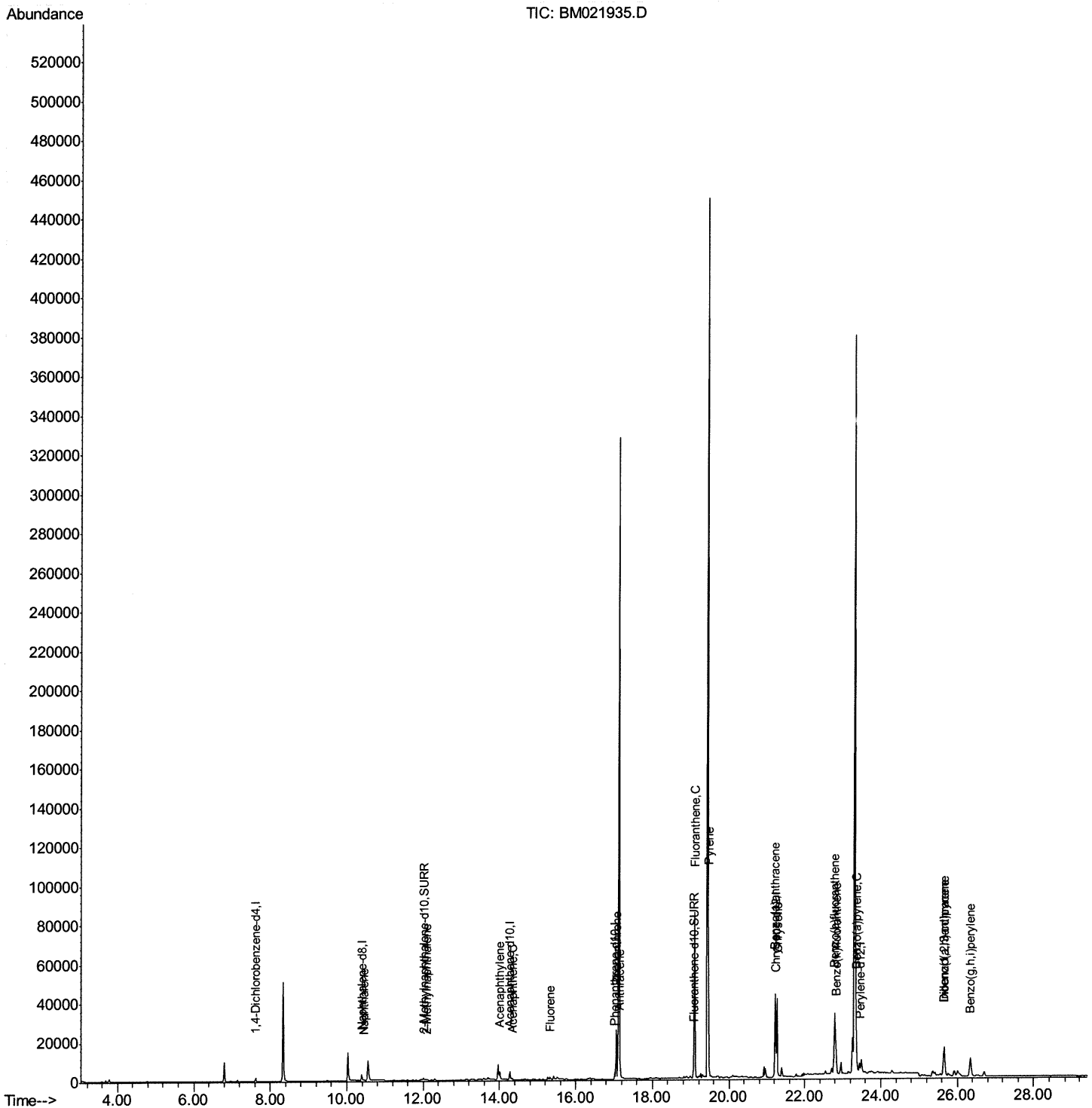
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:20:42 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

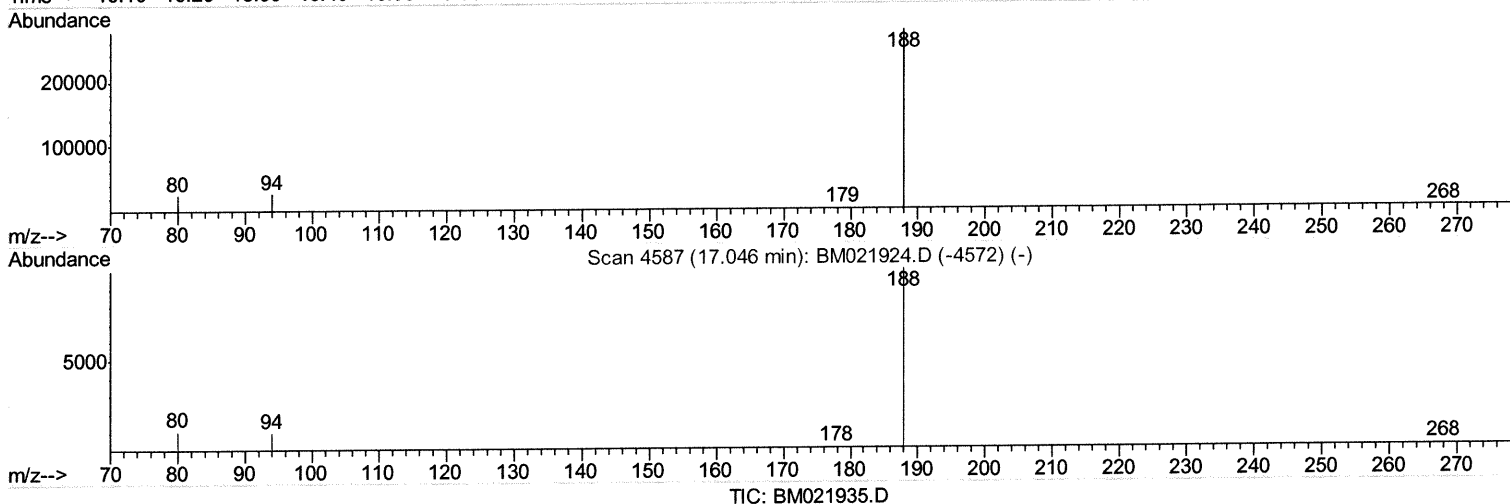
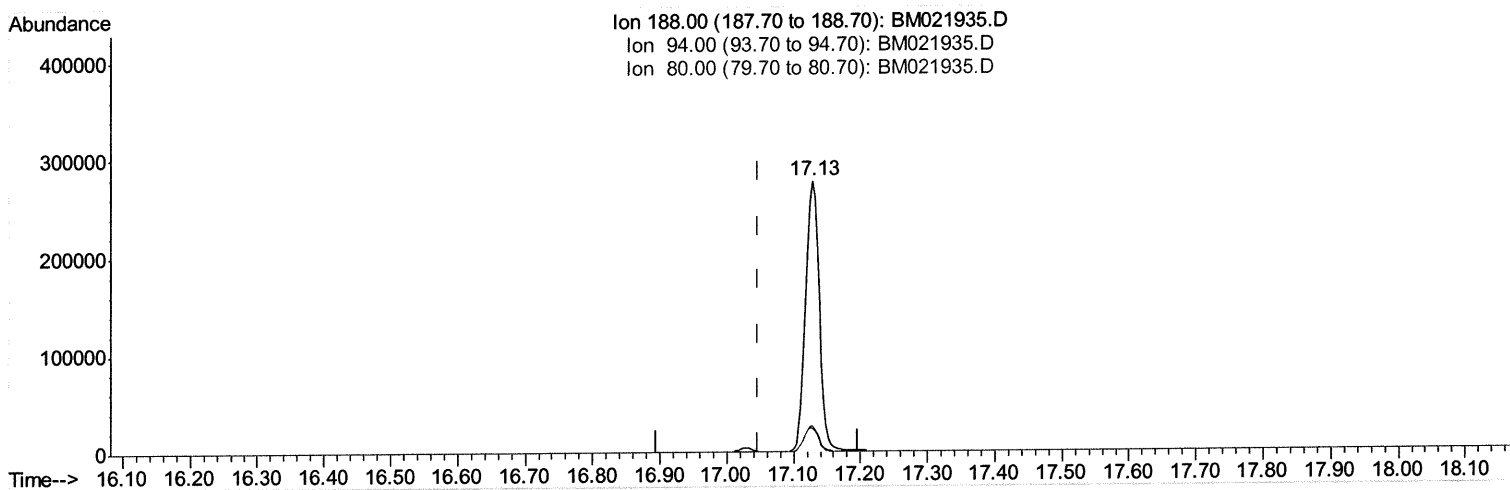
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 00:59:59 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.128min (+0.082) 0.40ng/ul

response 391211

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.41
80.00	11.40	8.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

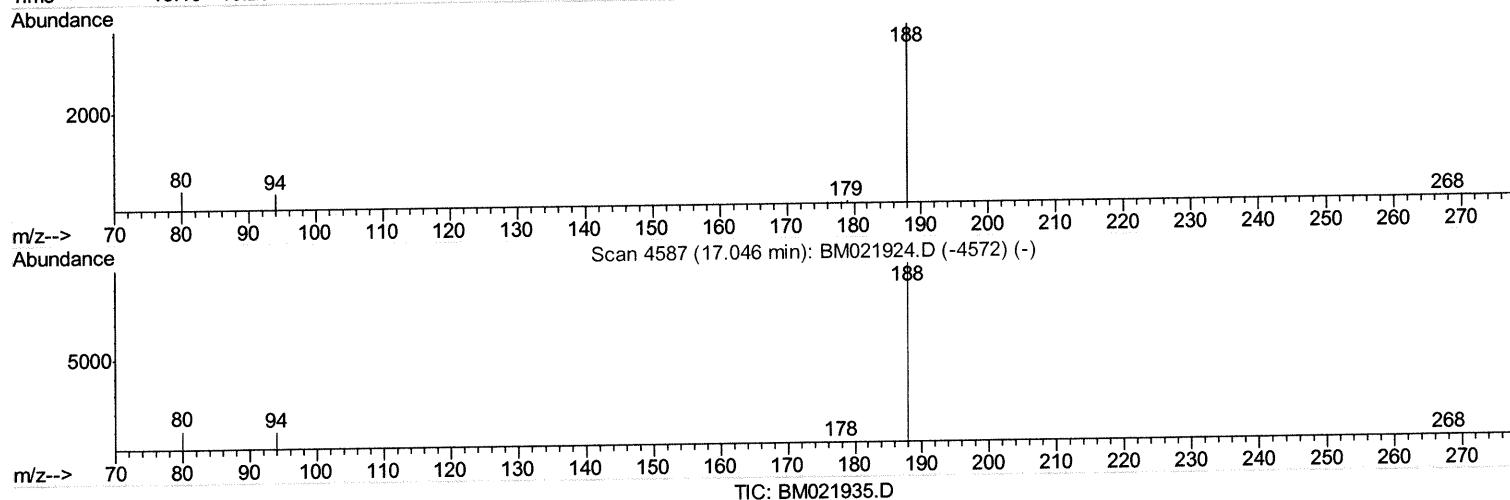
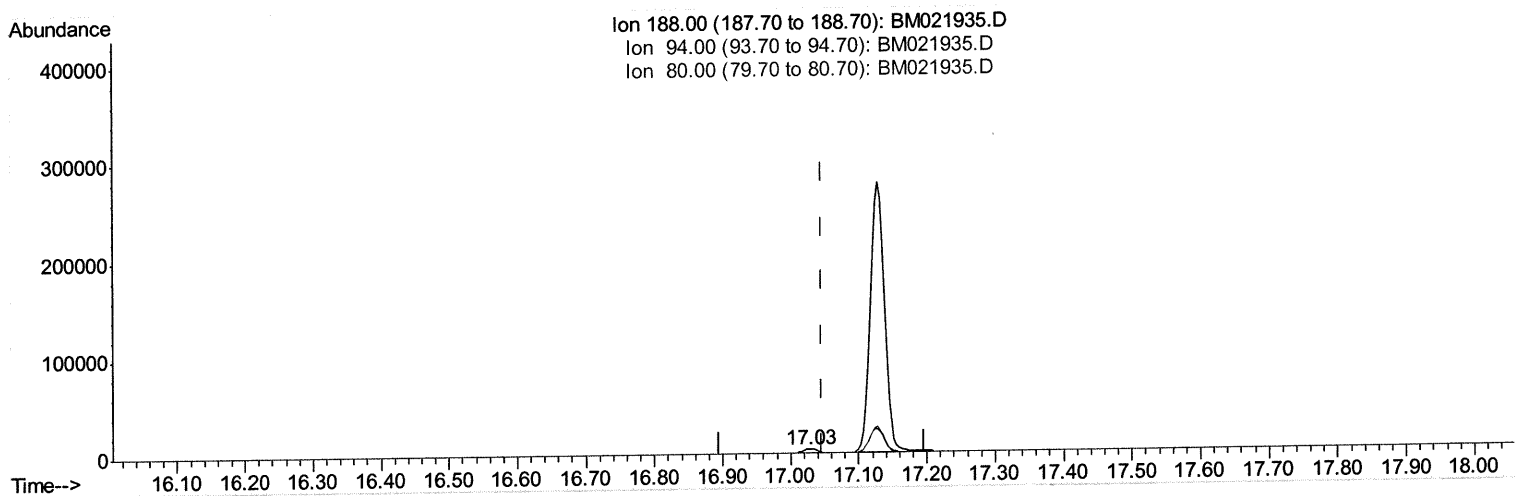
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 00:59:59 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.027min (-0.019) 0.40ng/ul m

JU
08/09/19

response 5082

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.95
80.00	11.40	11.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

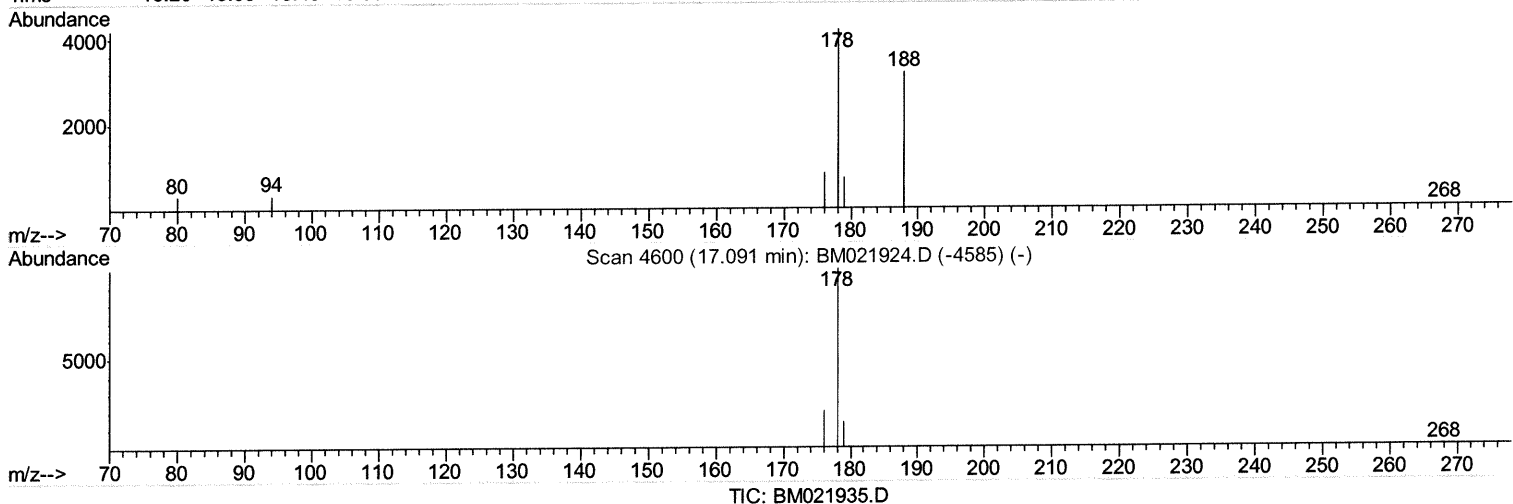
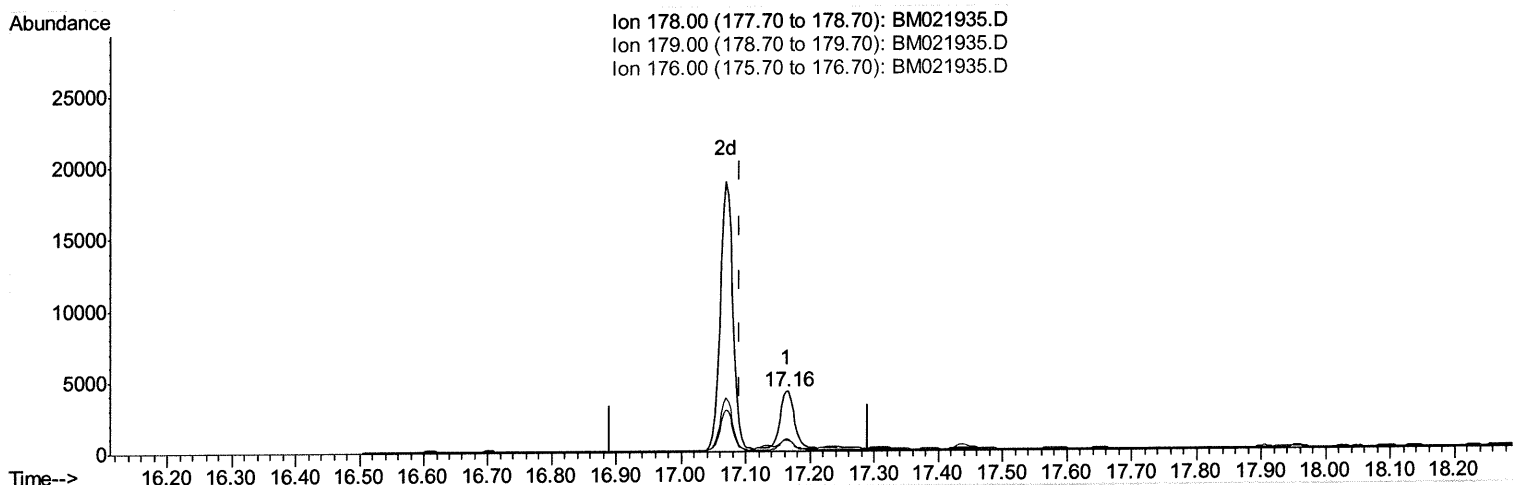
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.162min (+0.071) 0.46ng/ul

response 6832

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.12
176.00	21.00	20.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

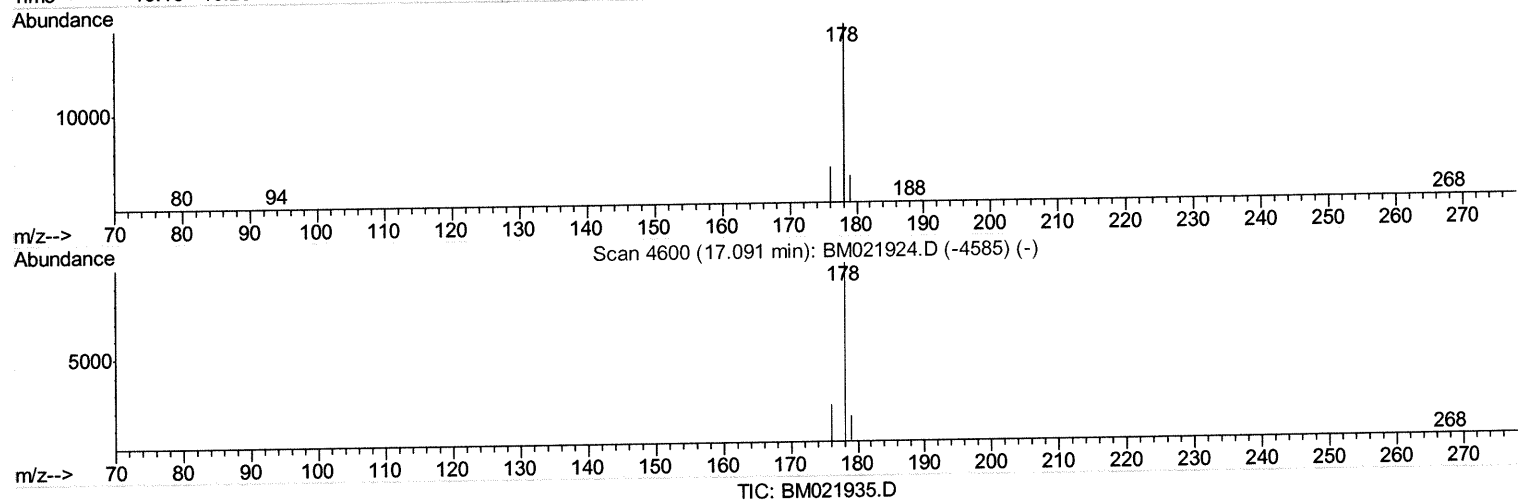
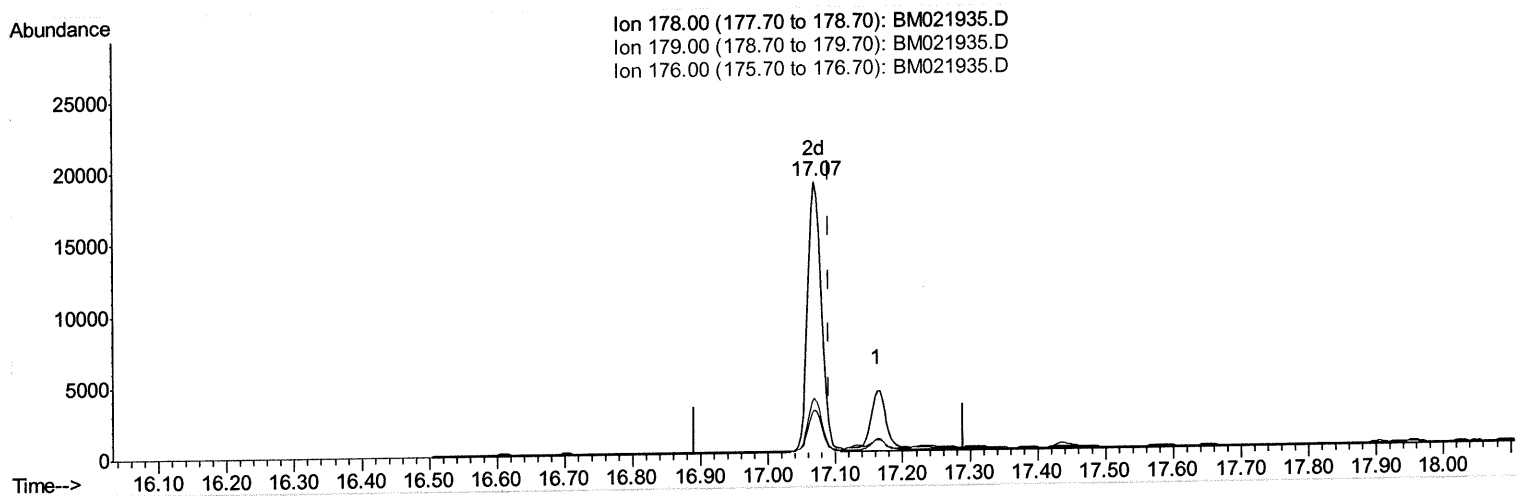
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.069min (-0.023) 1.78ng/ul m

JU
08/09/19

response 26278

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.60
176.00	21.00	19.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

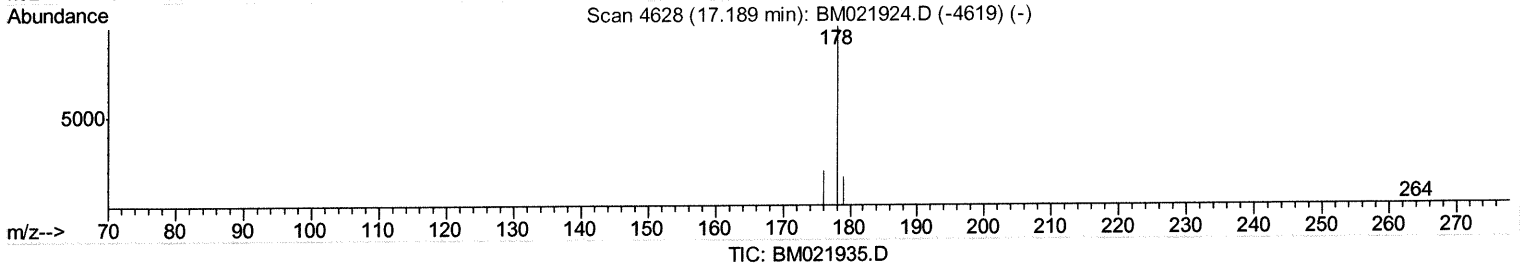
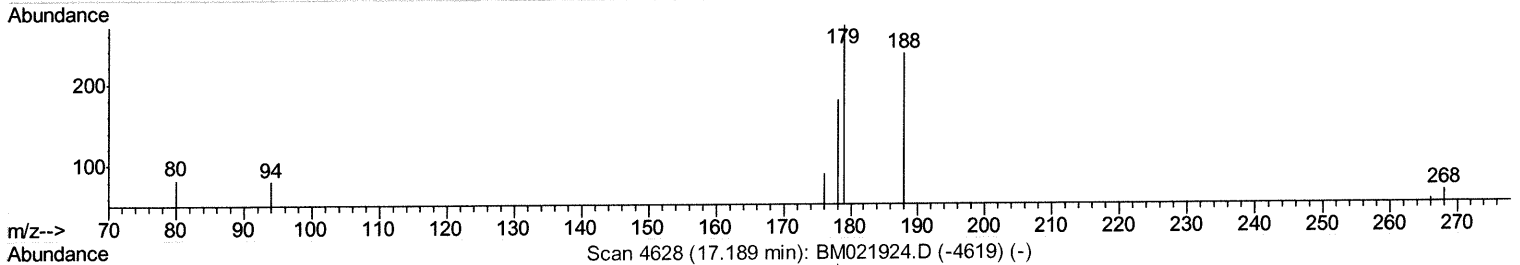
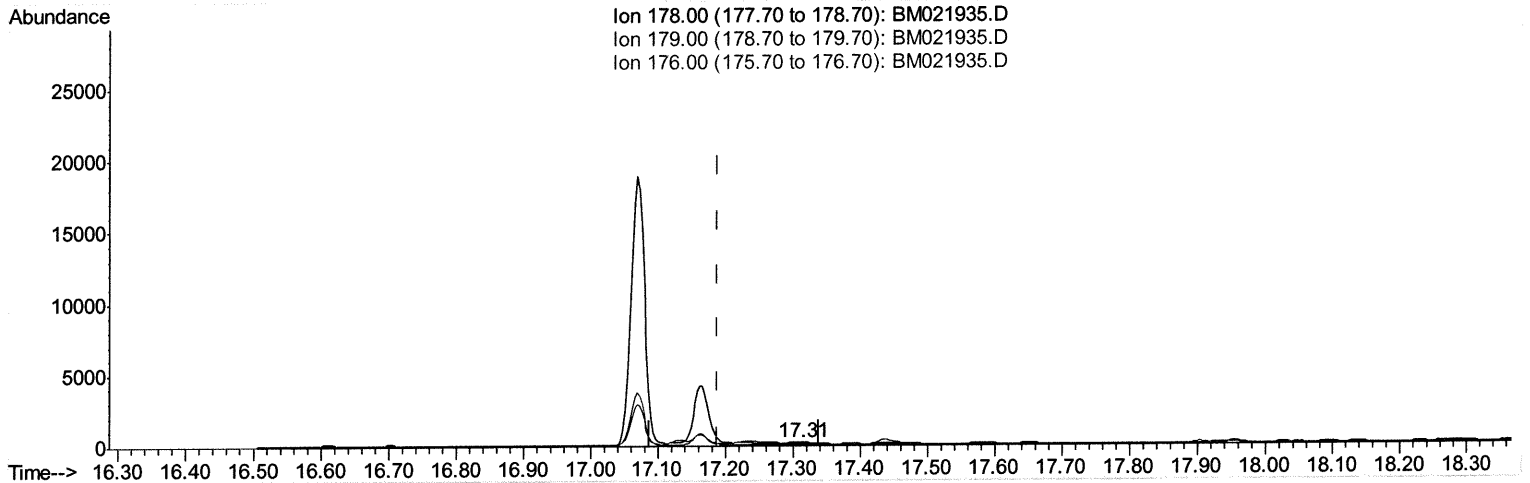
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(13) Anthracene

17.312min (+0.123) 0.02ng/ul

response 203

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	150.84#
176.00	20.80	49.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

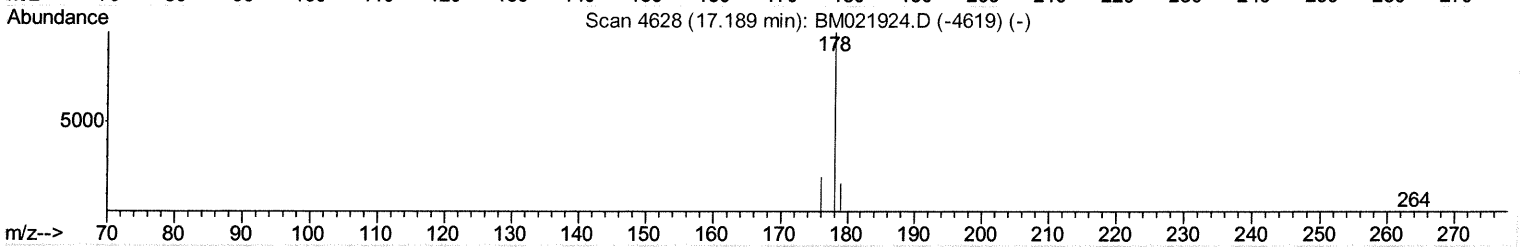
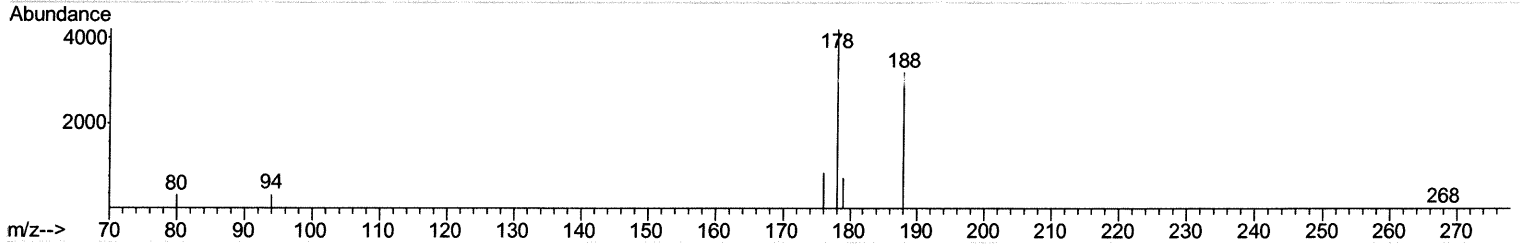
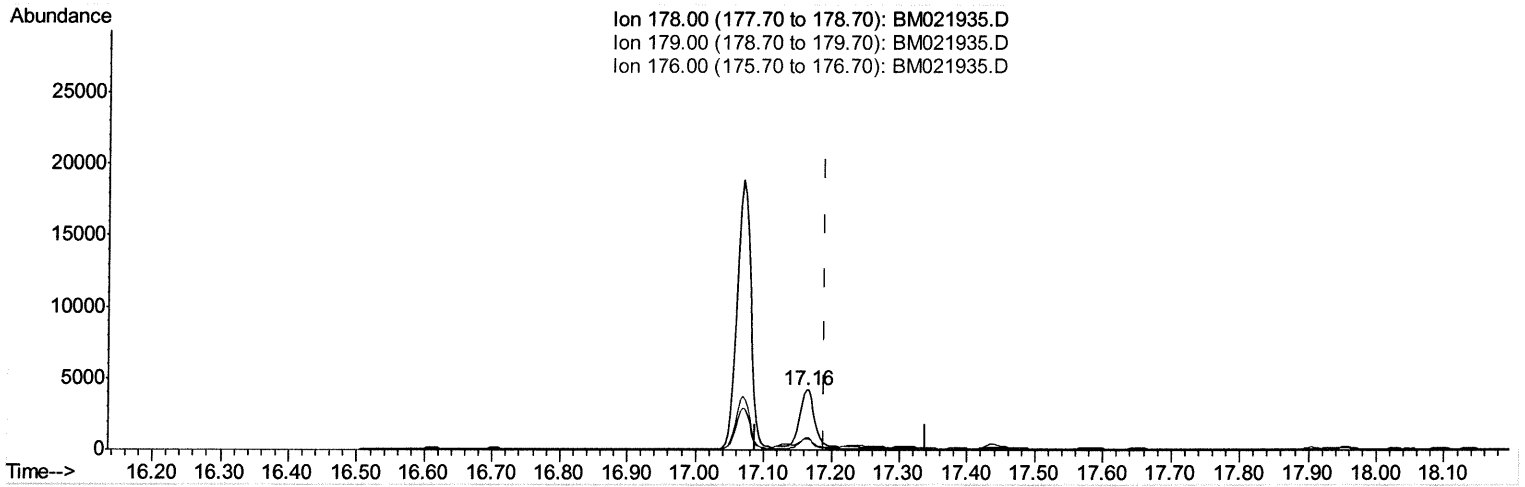
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021935.D

(13) Anthracene

17.162min (-0.026) 0.47ng/ul m *JU 08/09/19*

response 5940

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.12
176.00	20.80	20.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

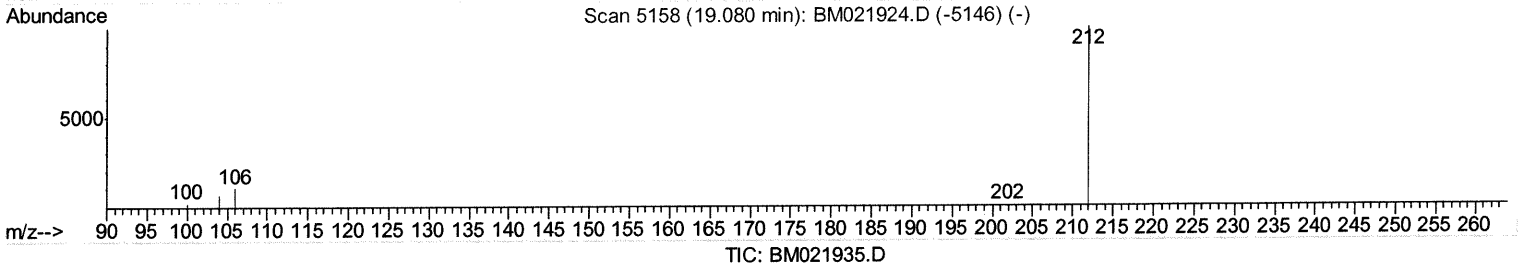
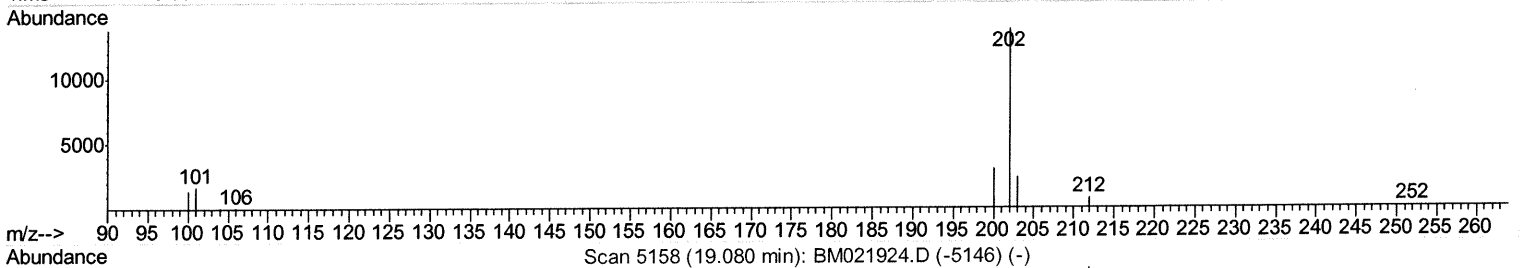
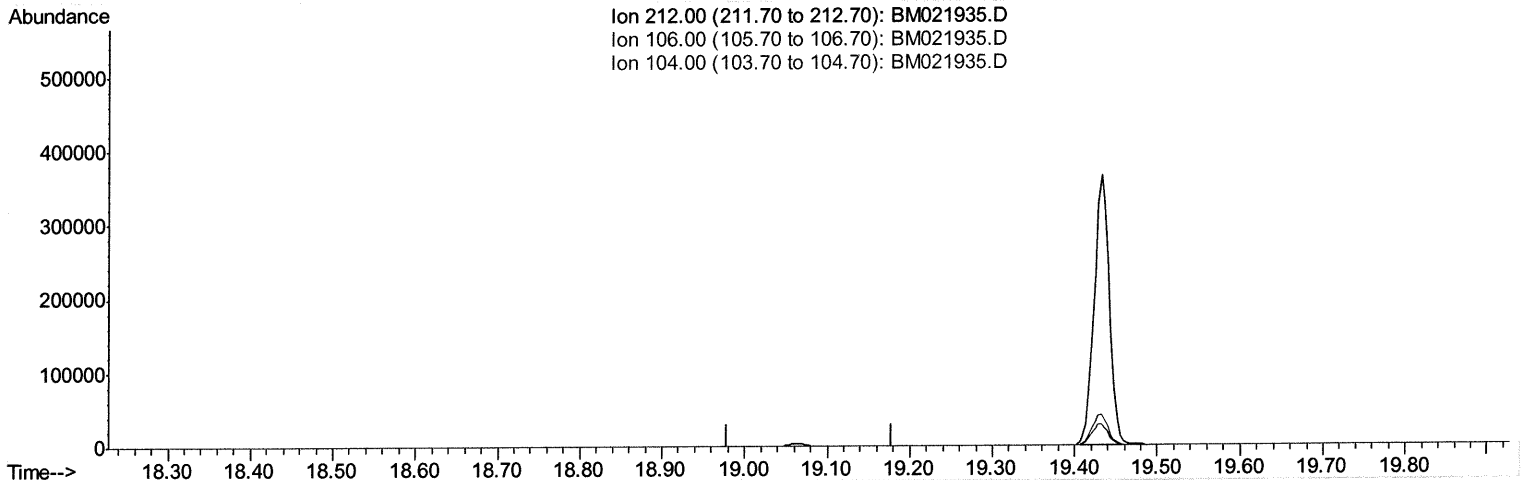
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.080min (-19.080) 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\BM080719\
Quantitation Report (Qedit)

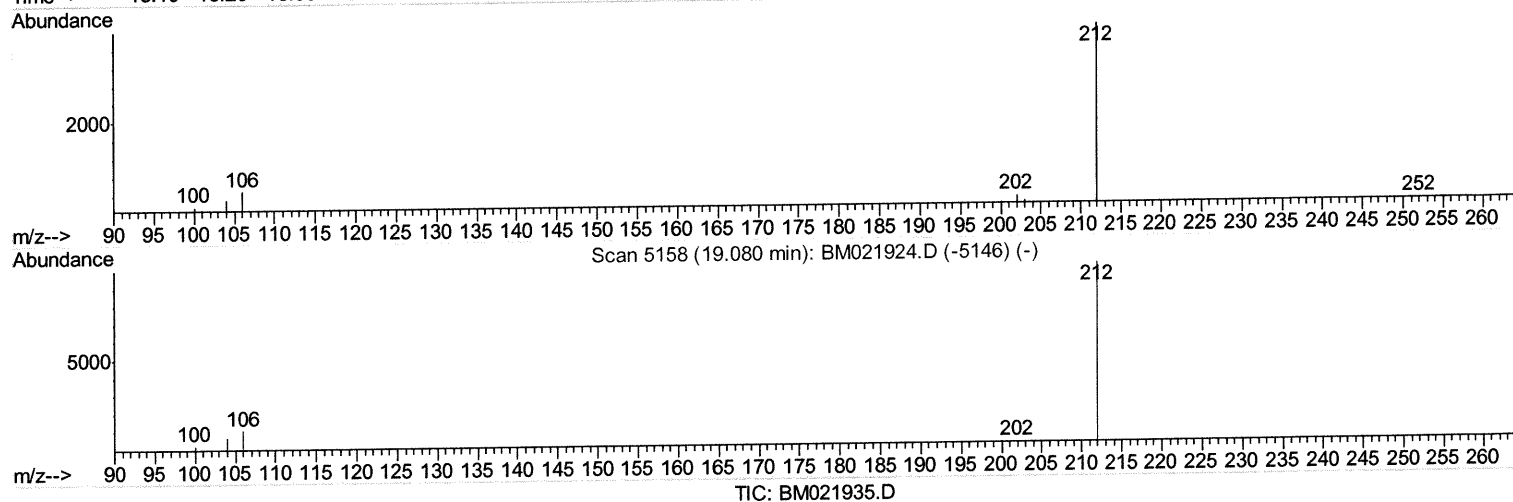
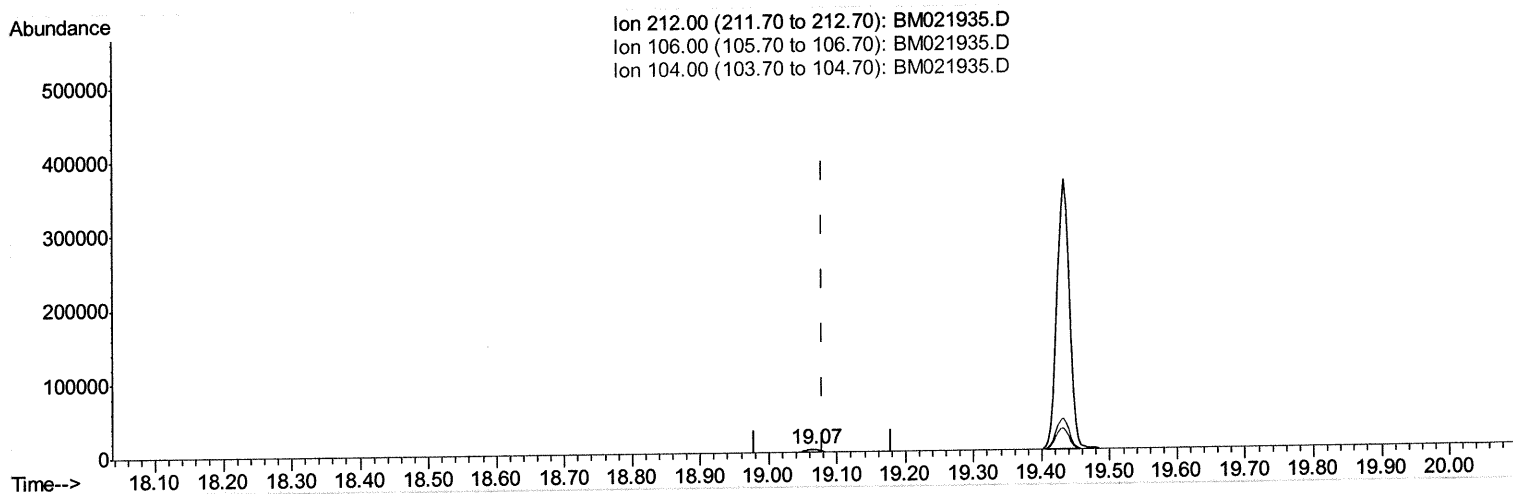
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.066min (-0.014) 0.32ng/ul m

JU
08/09/19

response 5449

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\BM080719\
Quantitation Report (Qedit)

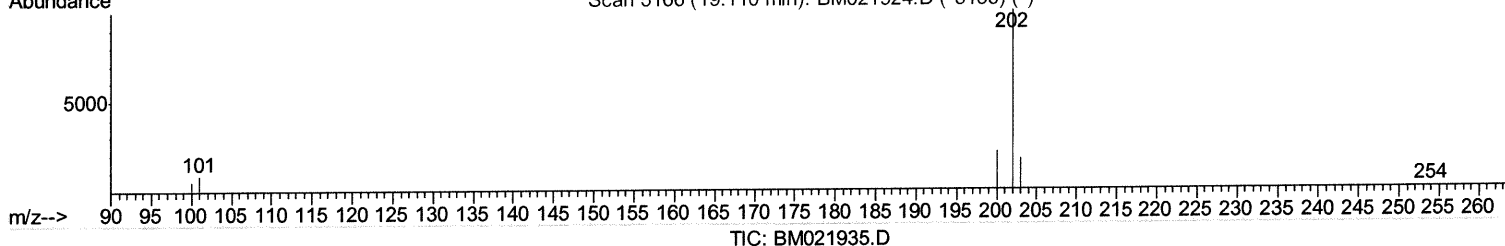
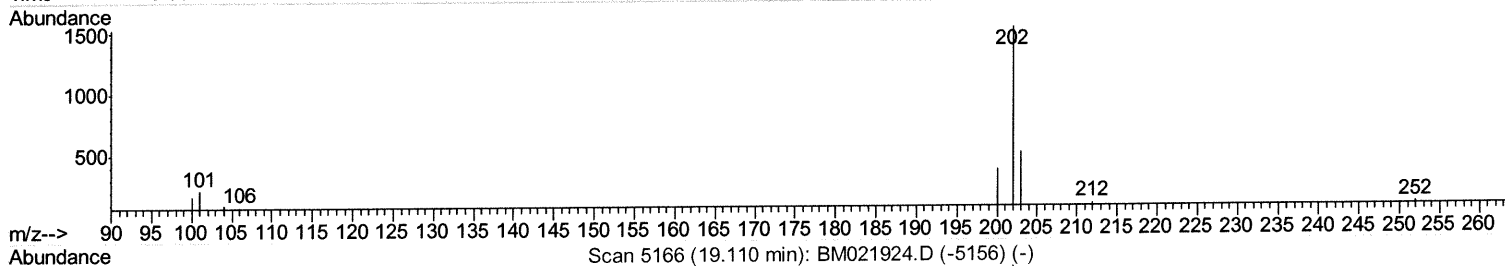
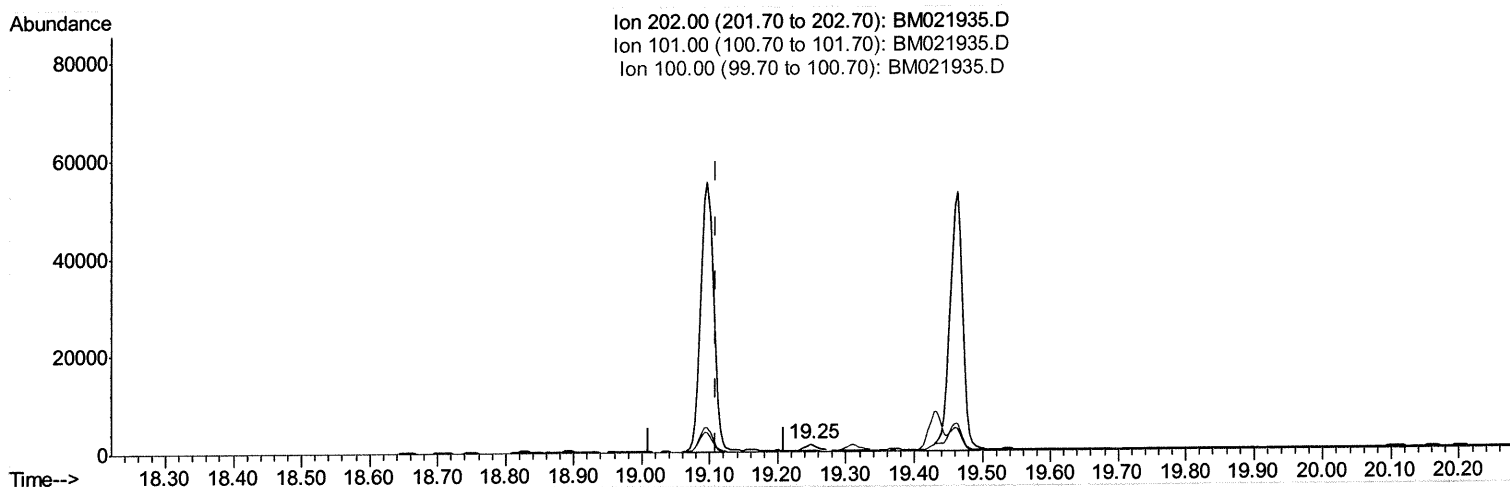
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.249min (+0.139) 0.09ng/ul

response 1713

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	13.96
100.00	8.10	10.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

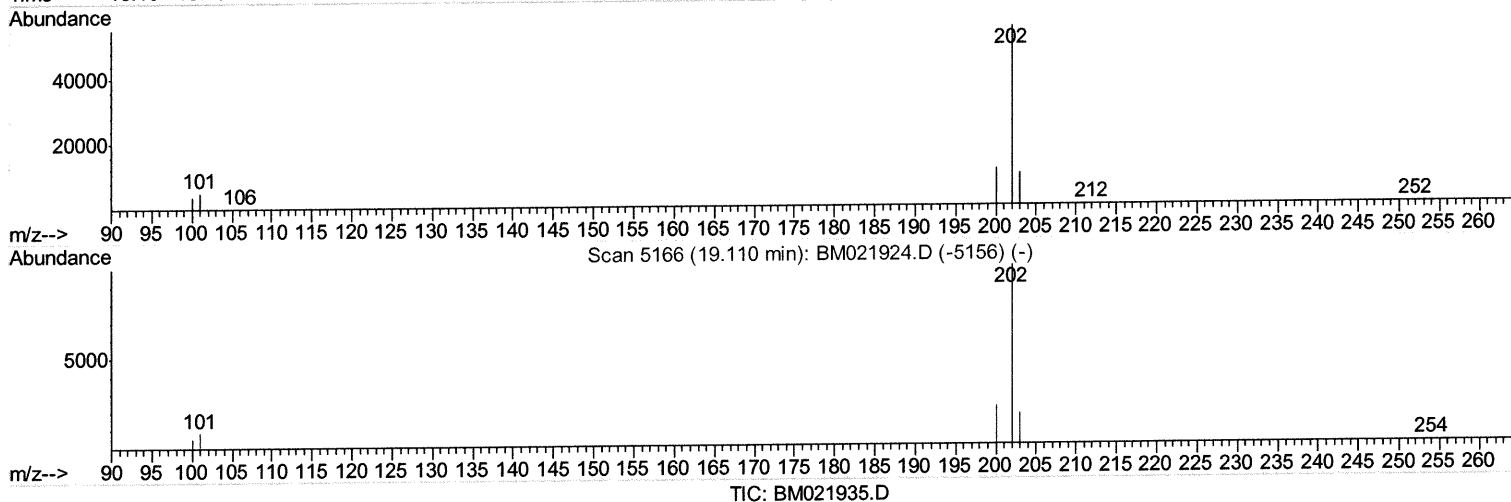
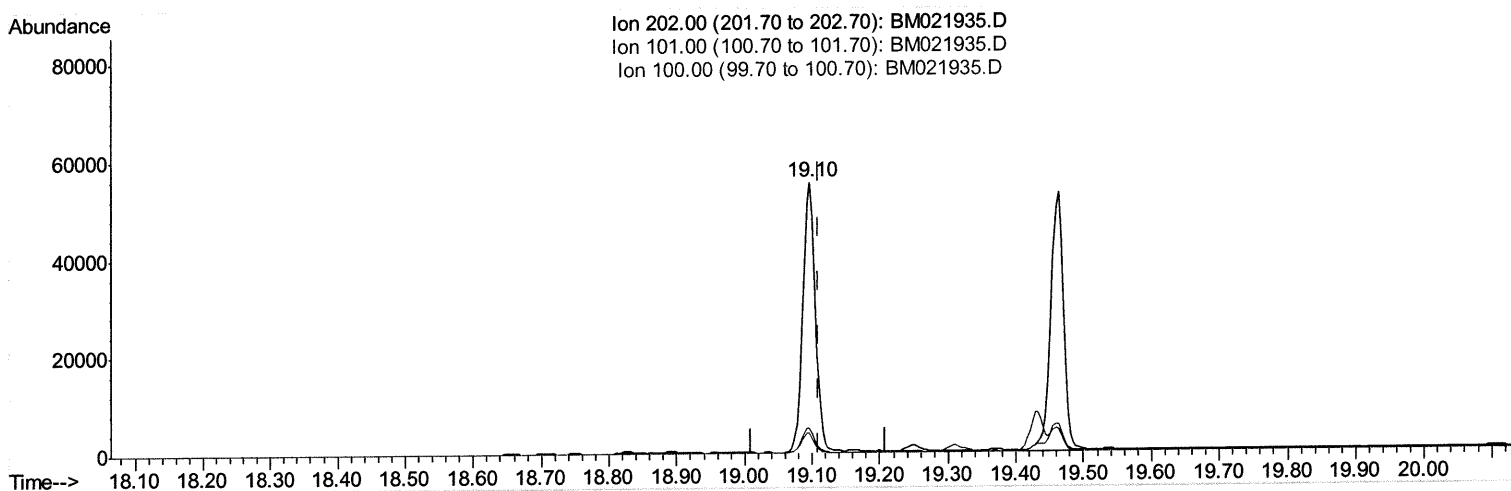
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.096min (-0.014) 3.66ng/ul m *50 08/09/19*

response 72515

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.16
100.00	8.10	7.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

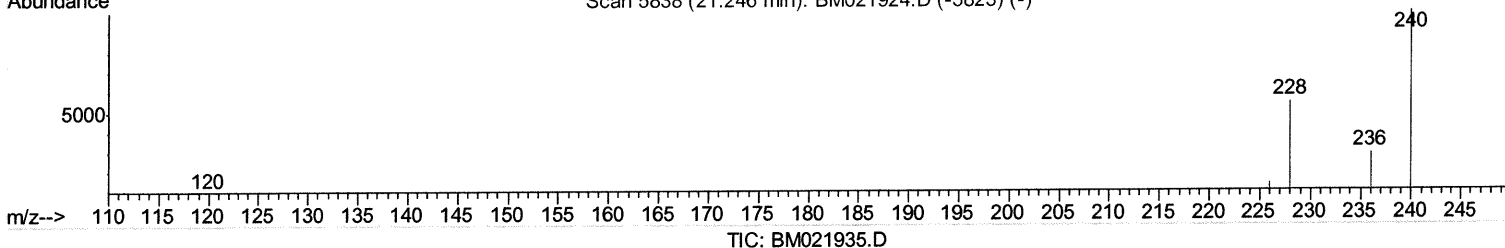
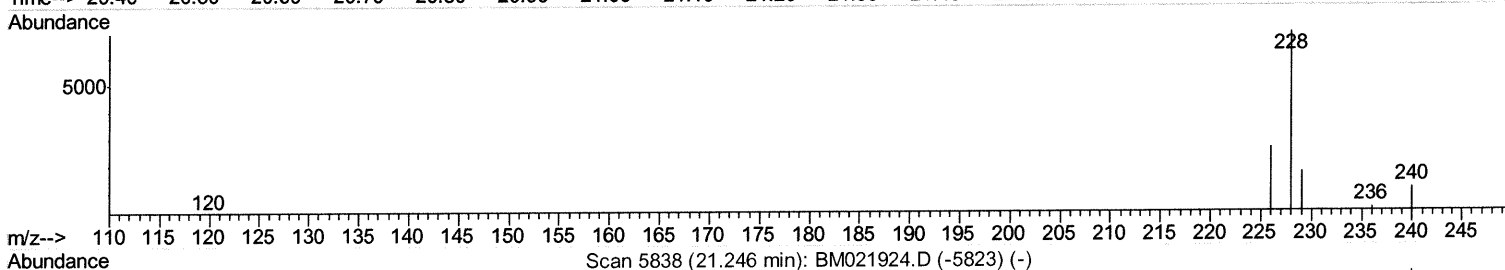
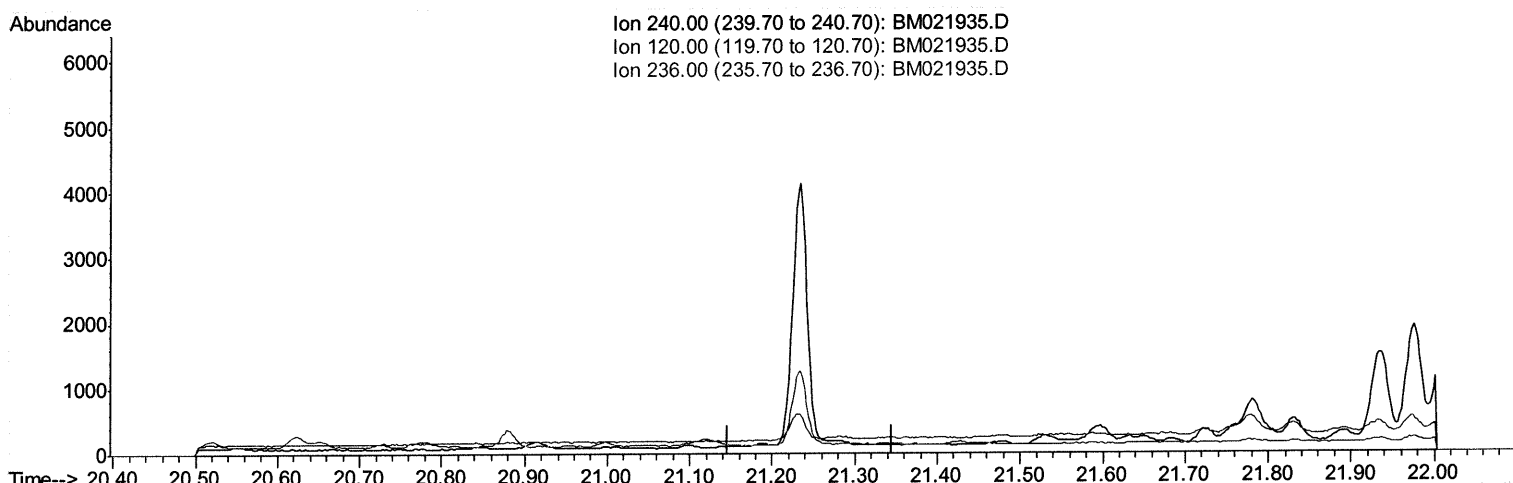
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.246min (-21.246) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

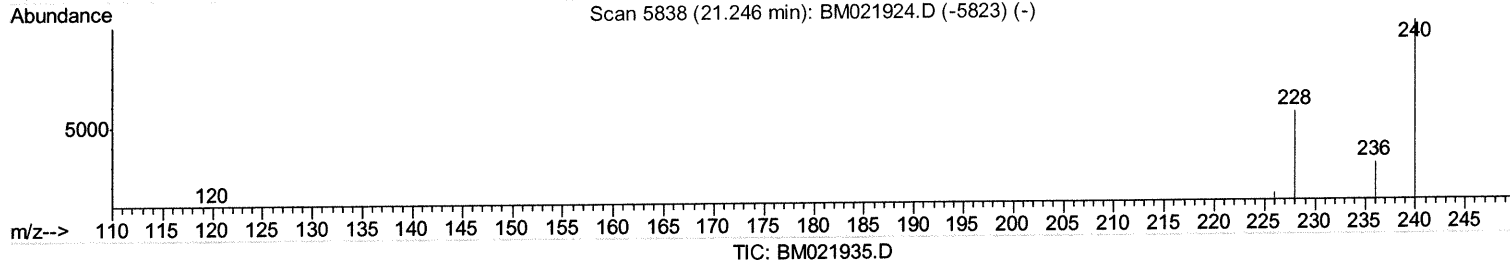
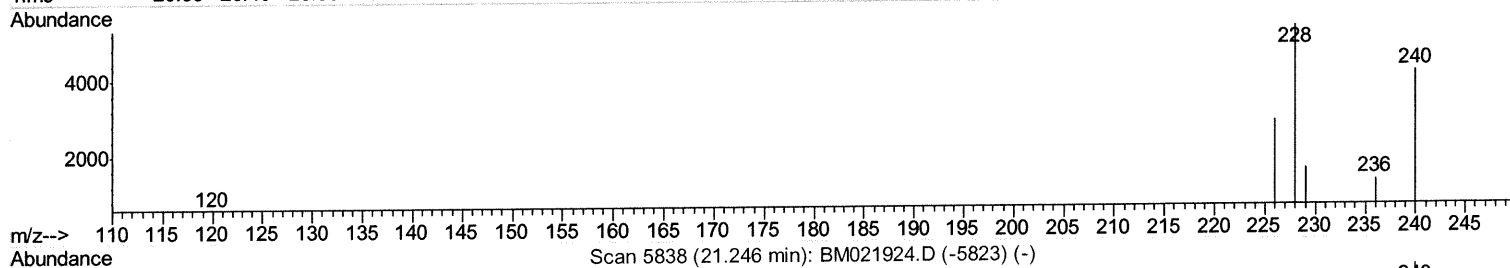
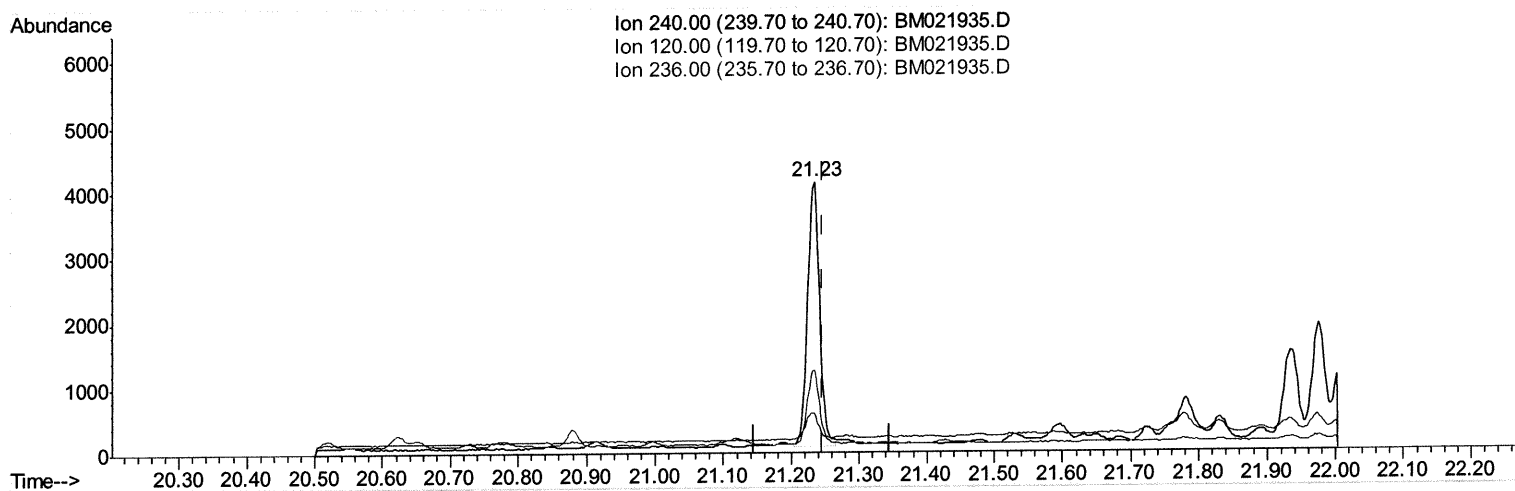
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:13:43 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.234min (-0.012) 0.40ng/ul m

JU
08/09/19

response 5036

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.72
236.00	32.30	30.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

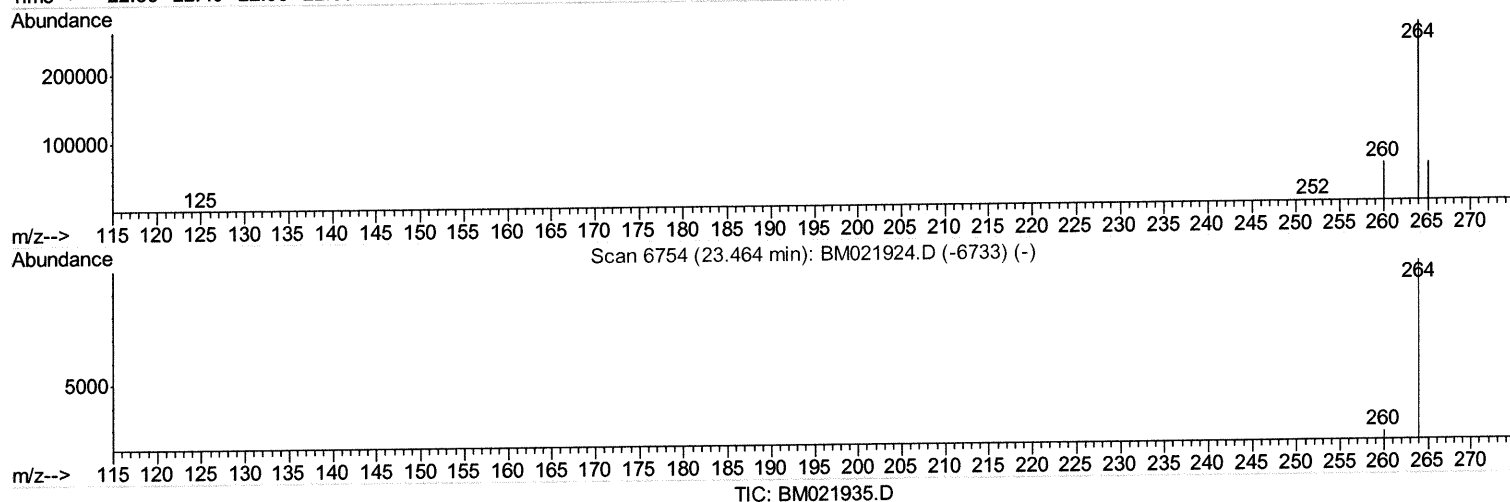
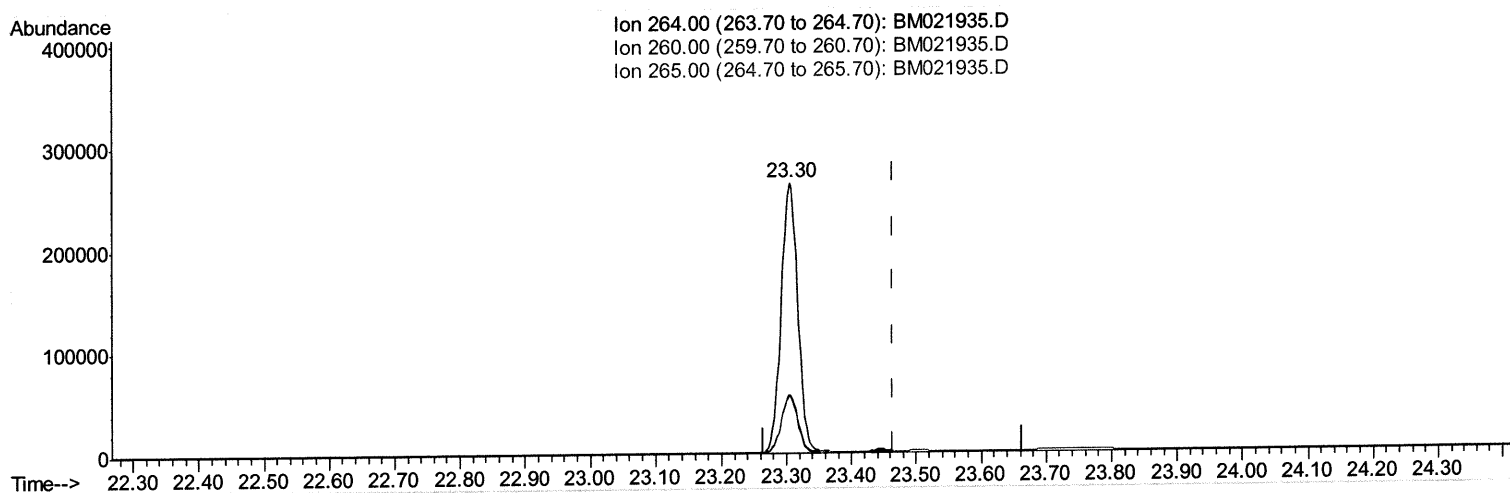
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:17:33 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.305min (-0.160) 0.40ng/ul

response 466329

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.20#
265.00	117.00	21.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

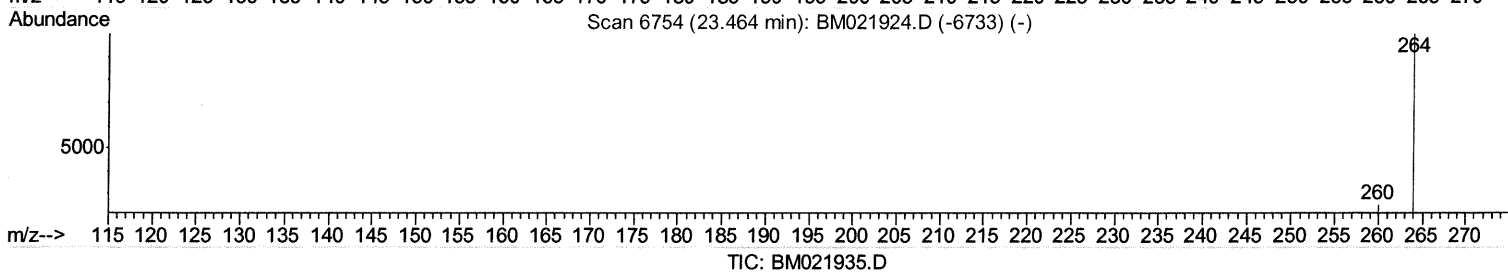
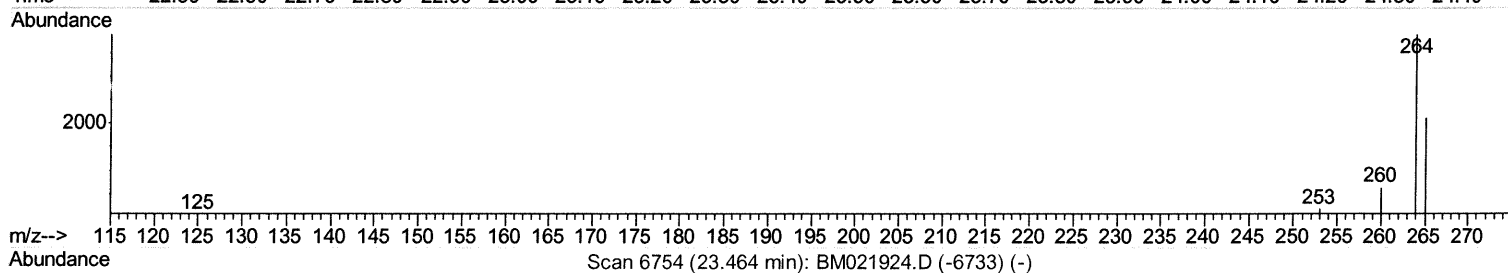
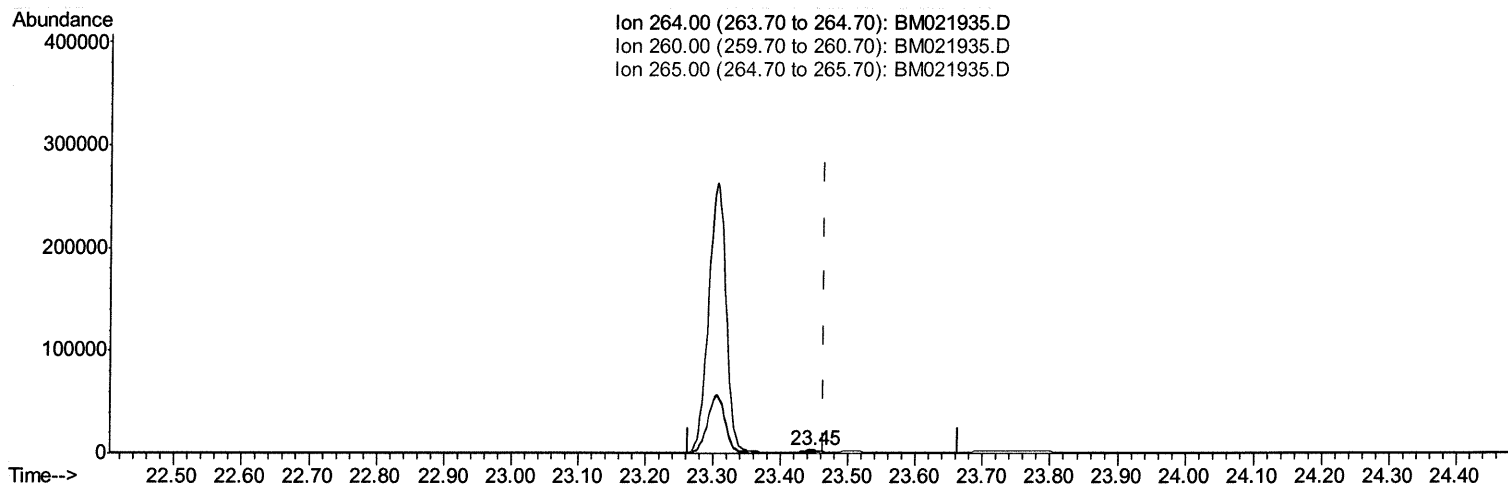
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:17:33 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.448min (-0.017) 0.40ng/ul m

JU
08/09/19

response 4886

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.80
265.00	117.00	59.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

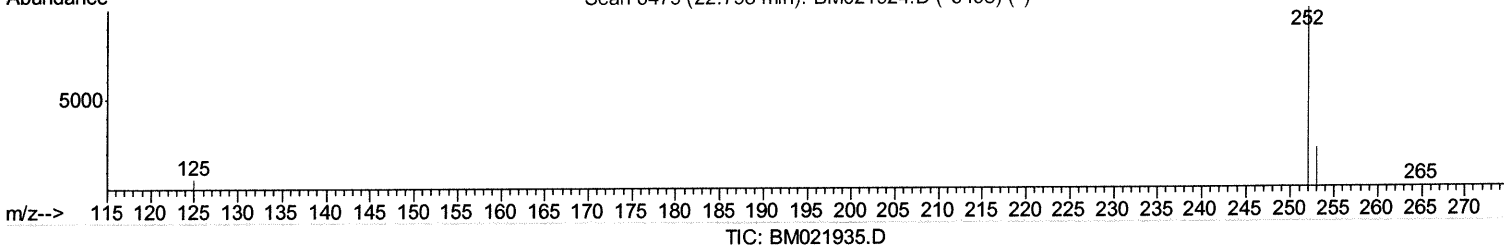
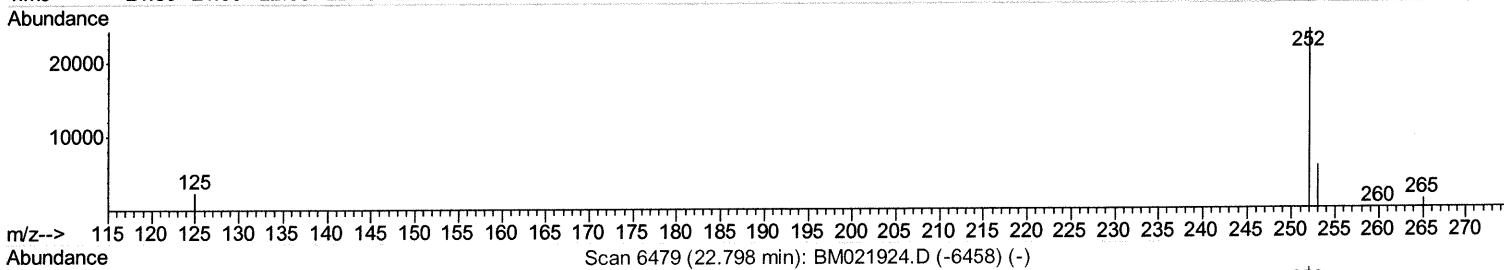
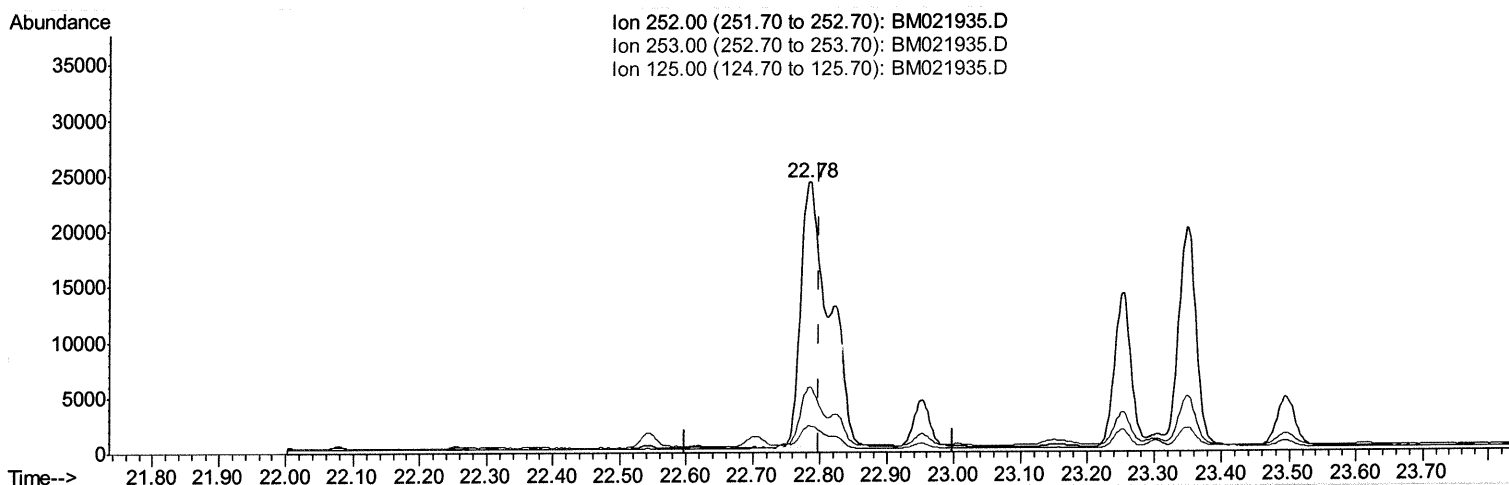
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.784min (-0.014) 4.03ng/ul

response 66347

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.07
125.00	15.50	10.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

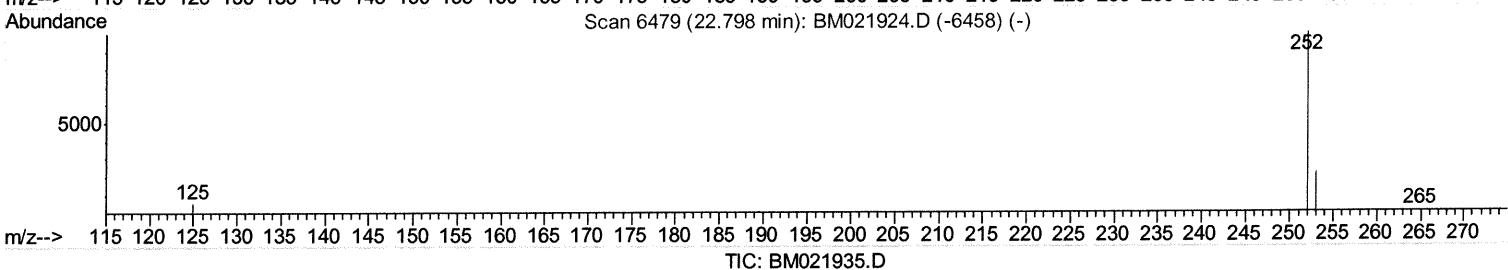
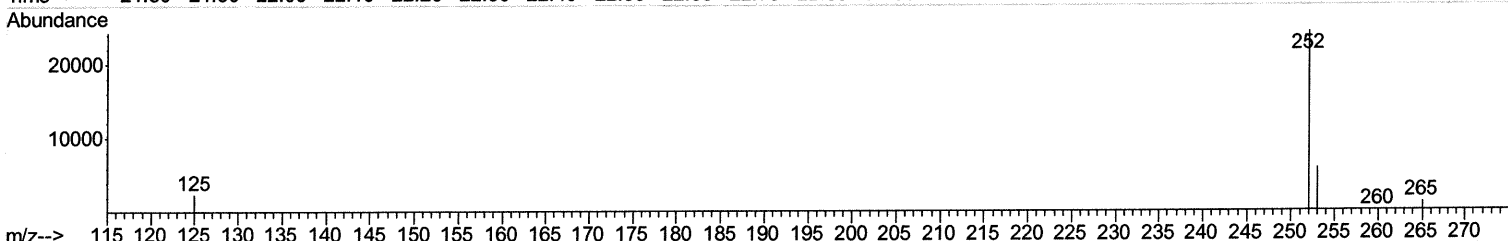
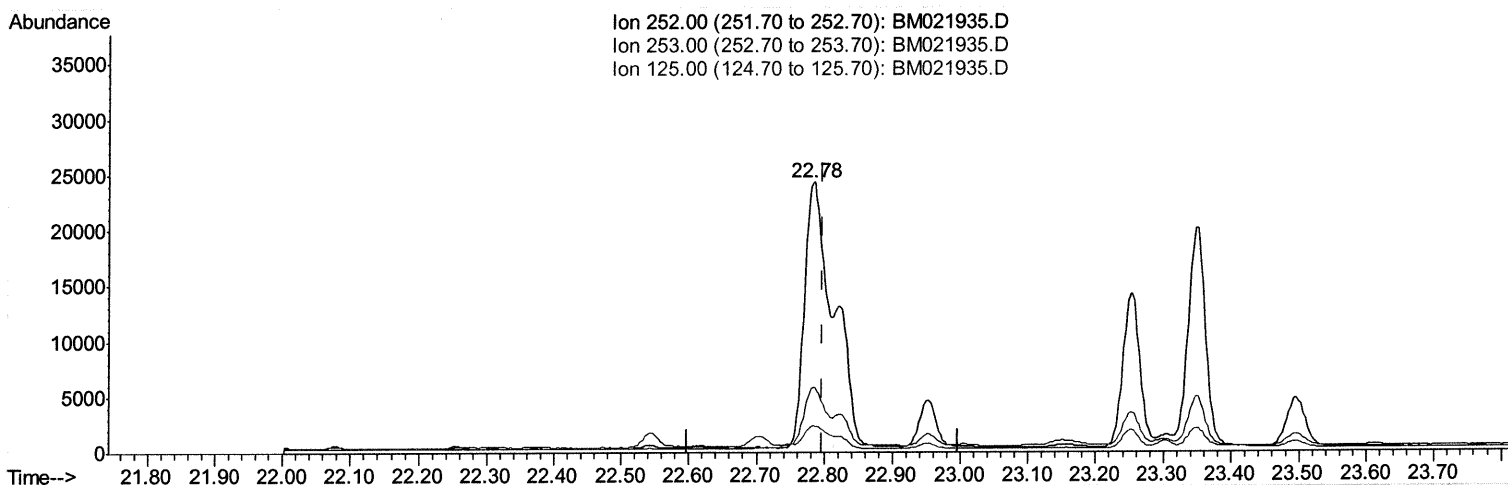
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.784min (-0.014) 3.21ng/ul m

JU
08/09/19

response 52900

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.07
125.00	15.50	10.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

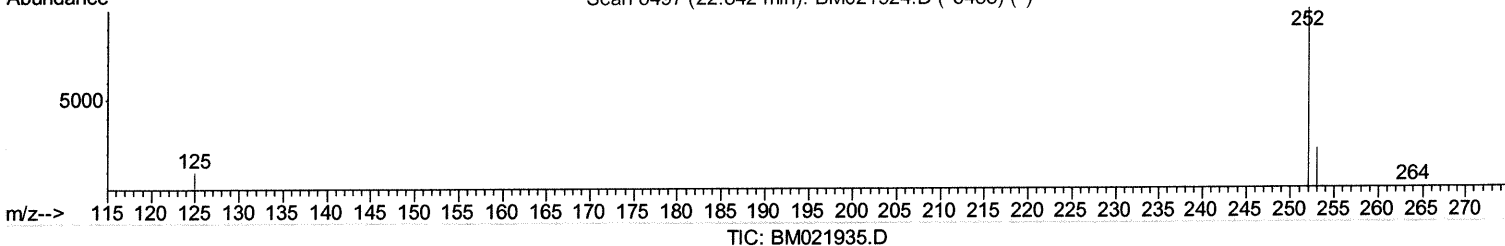
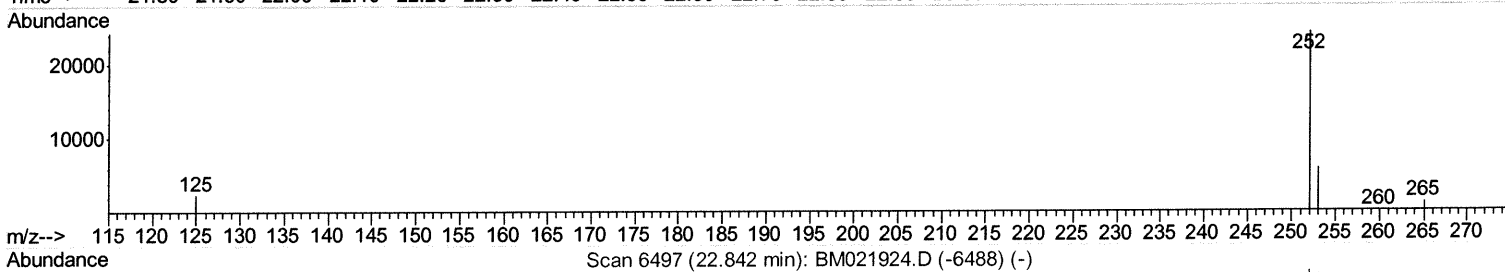
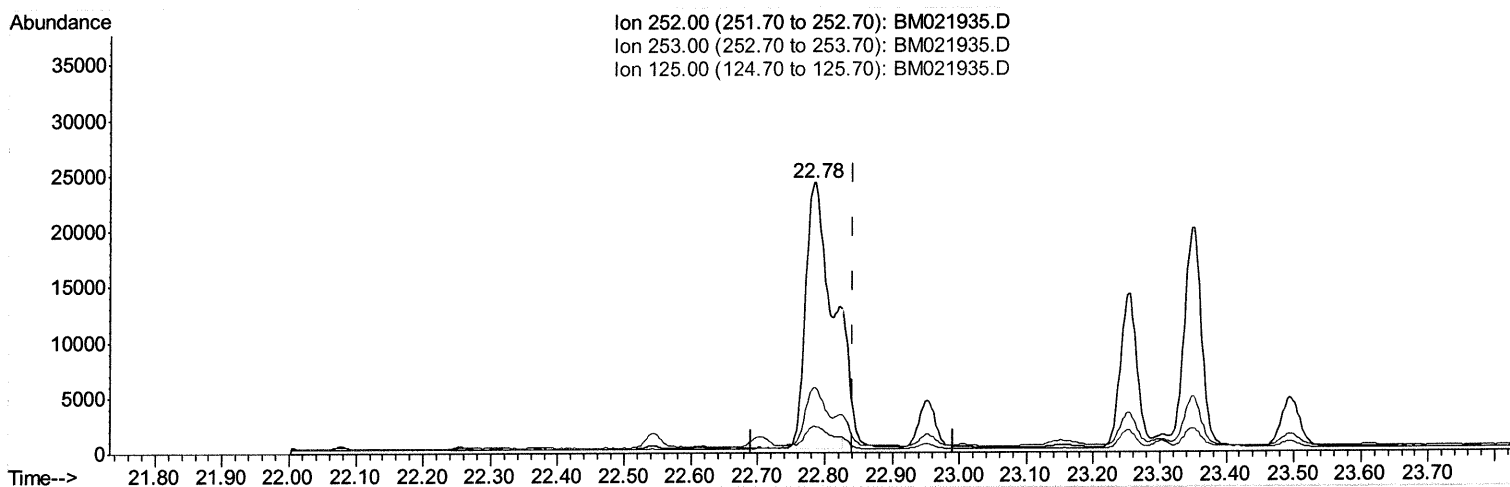
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.784min (-0.058) 3.31ng/ul

response 61755

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.07#
125.00	15.20	10.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

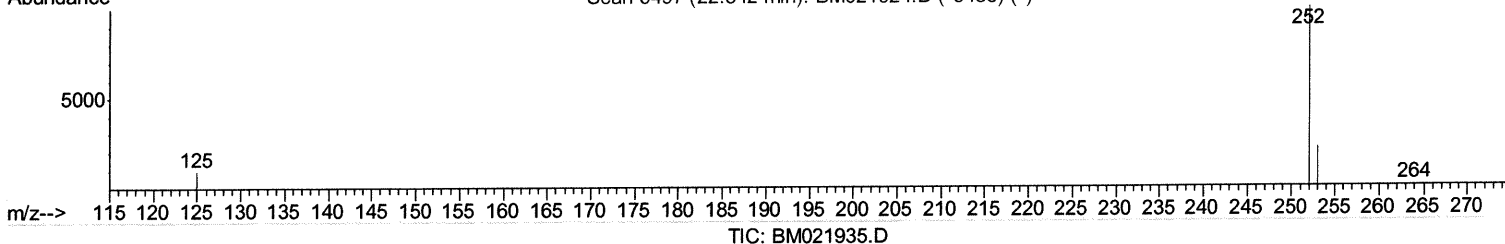
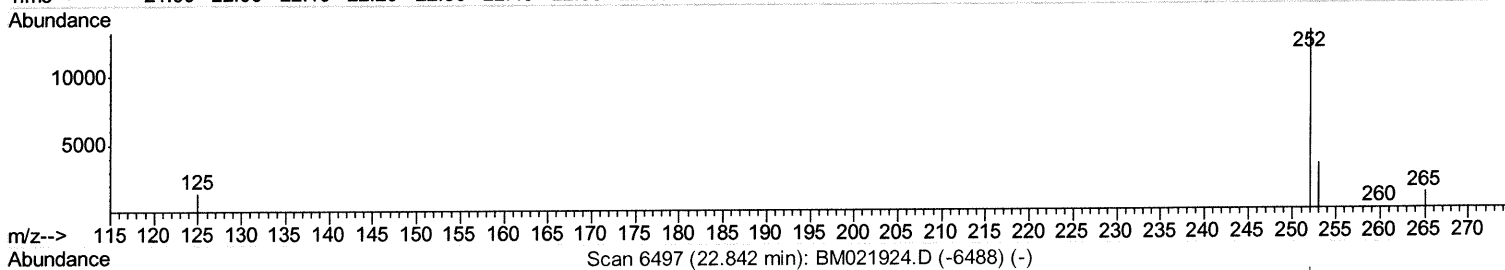
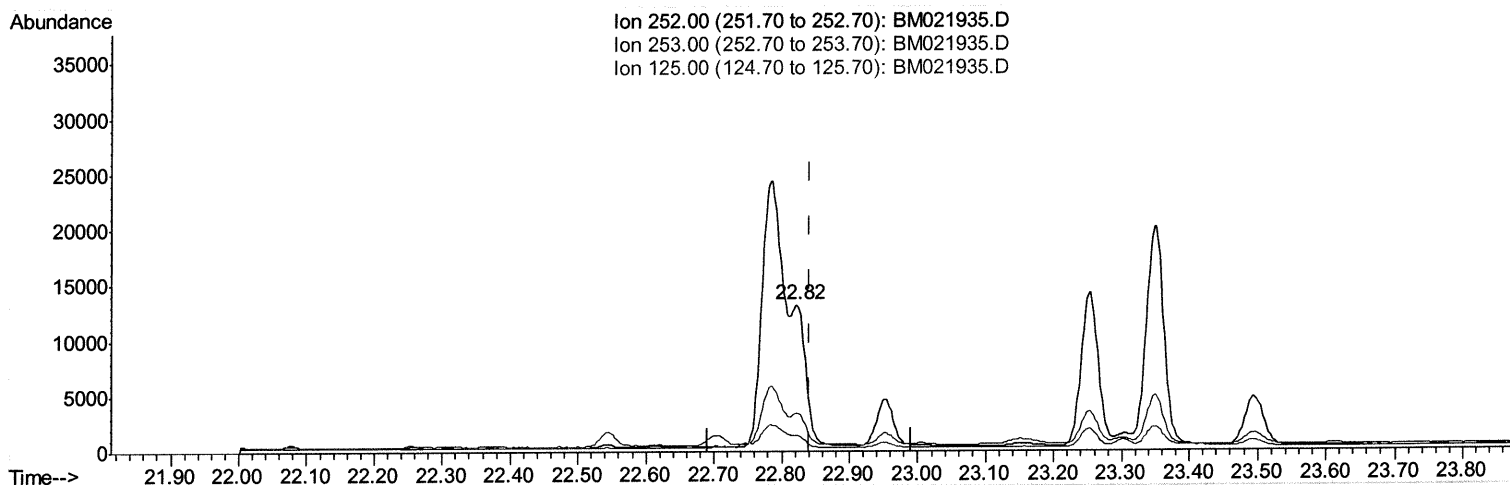
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.823min (-0.019) 0.97ng/ul m

JU
08/09/19

response 18045

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.19#
125.00	15.20	11.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

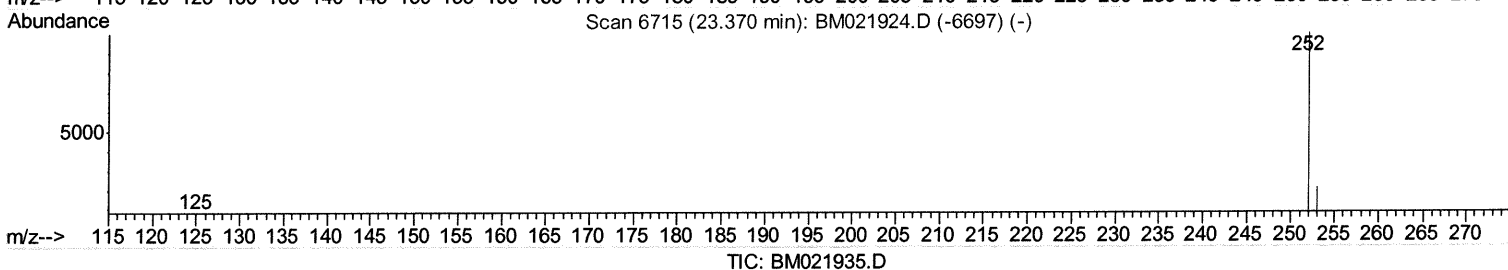
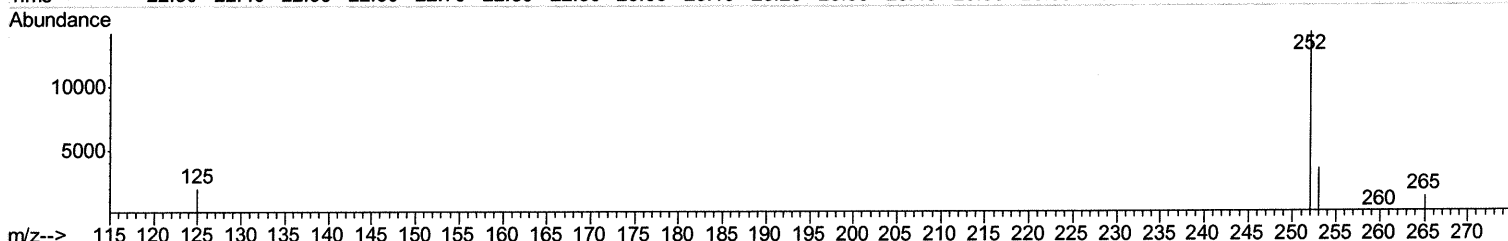
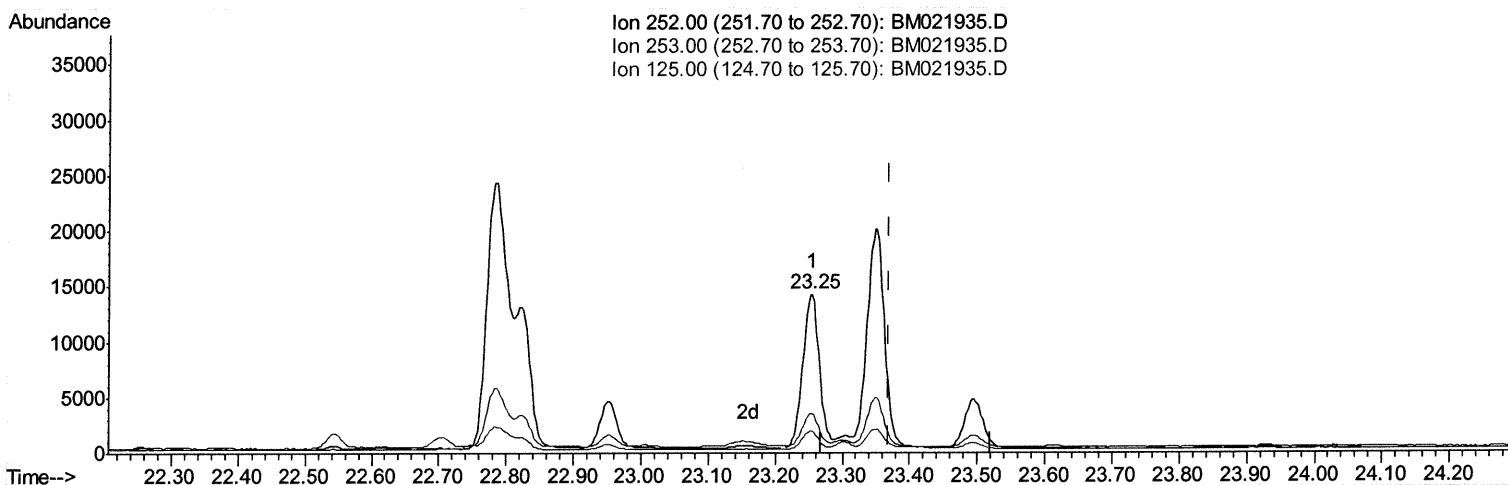
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.254min (-0.116) 1.45ng/ul

response 24271

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.88#
125.00	18.20	13.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

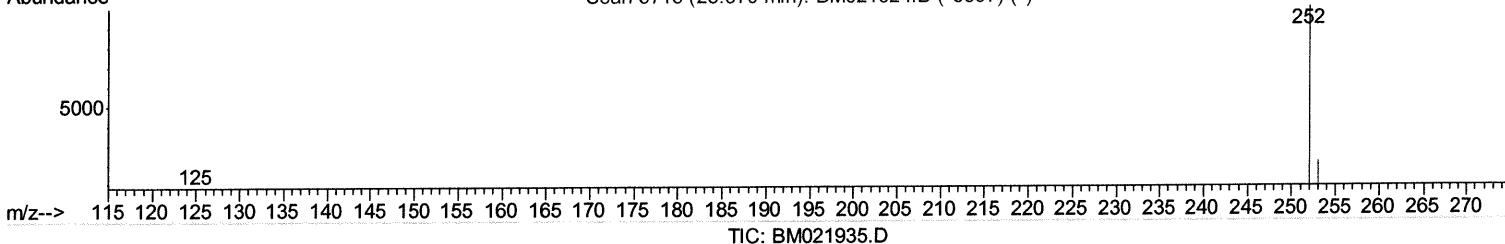
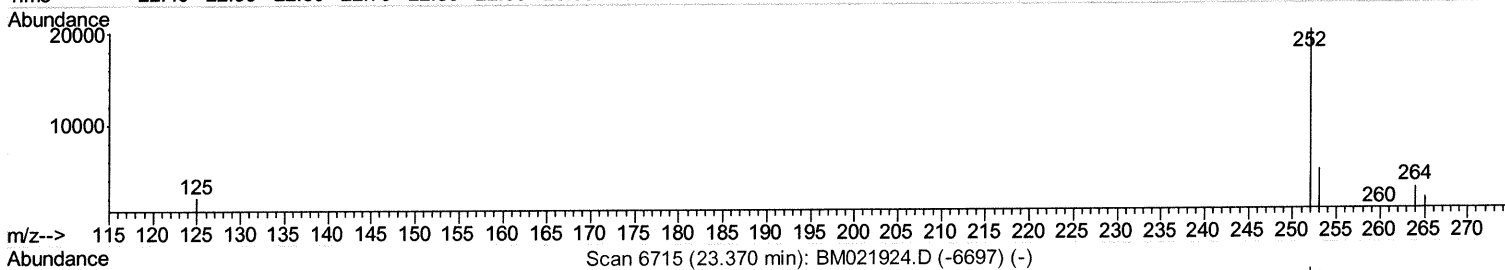
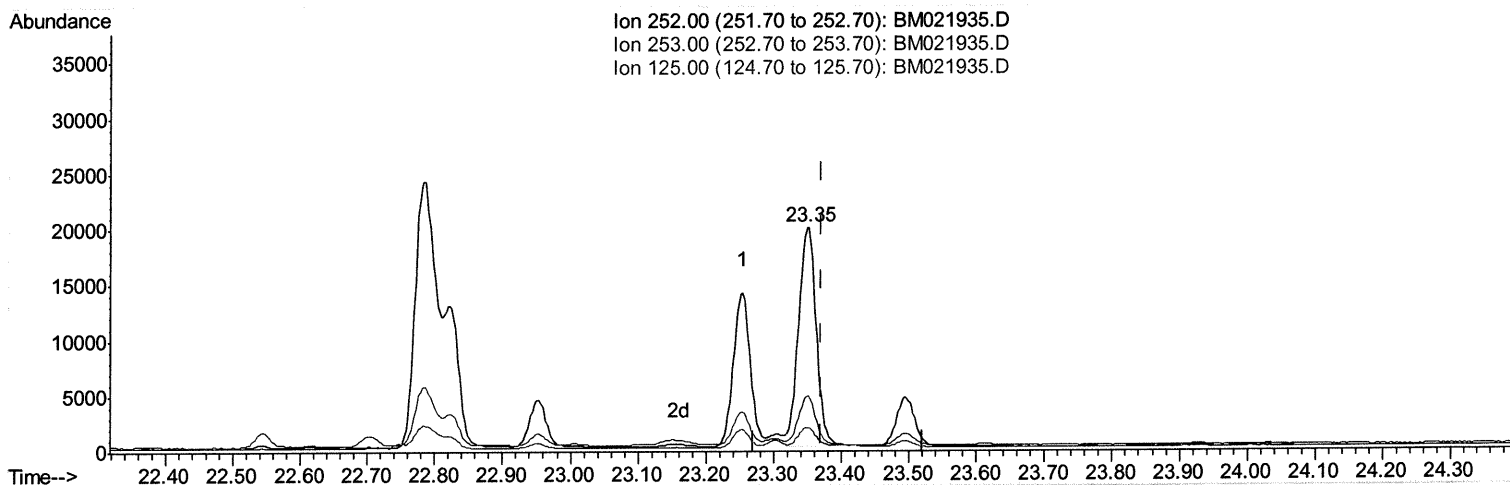
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.351min (-0.019) 2.10ng/ul m

Jo
6/8/09/19

response 35154

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.66#
125.00	18.20	10.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

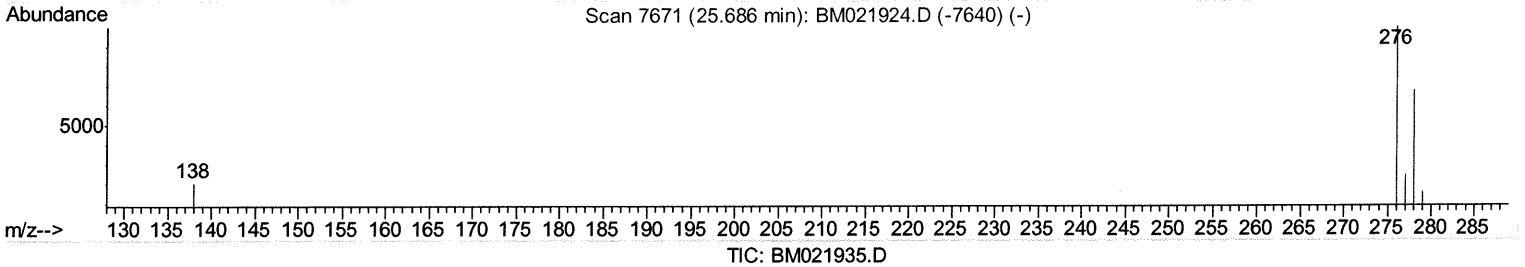
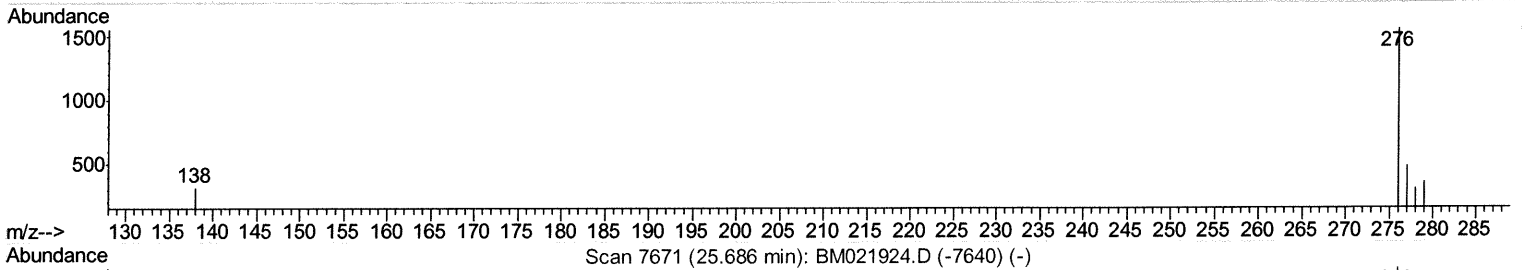
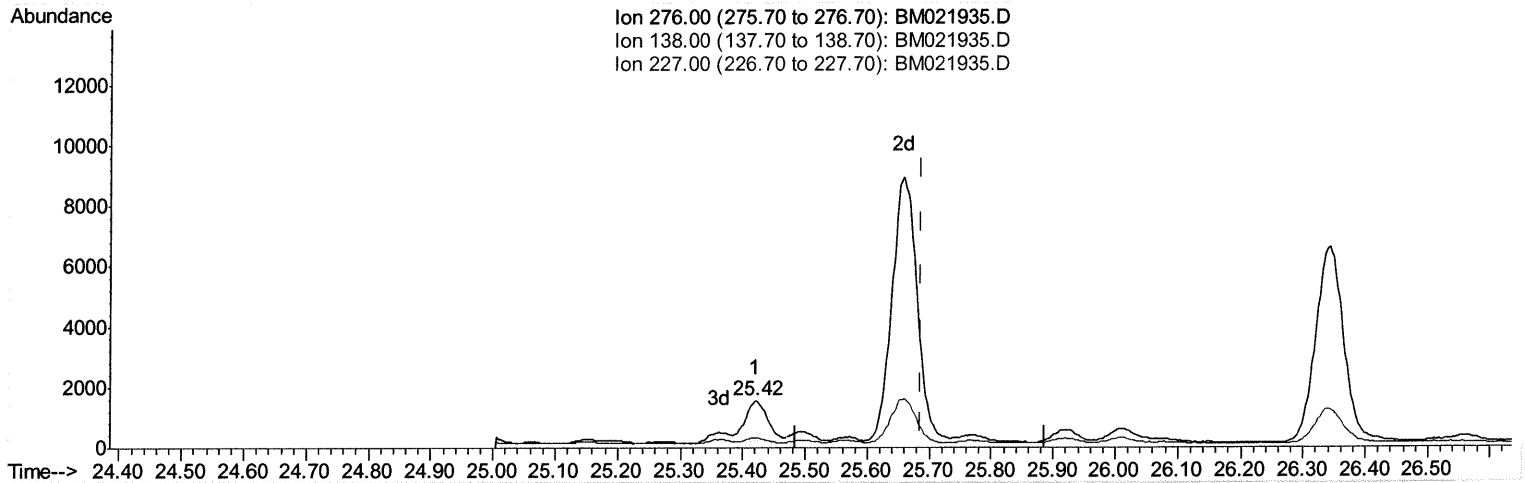
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

25.420min (-0.266) 0.17ng/ul

response 3389

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	11.42#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

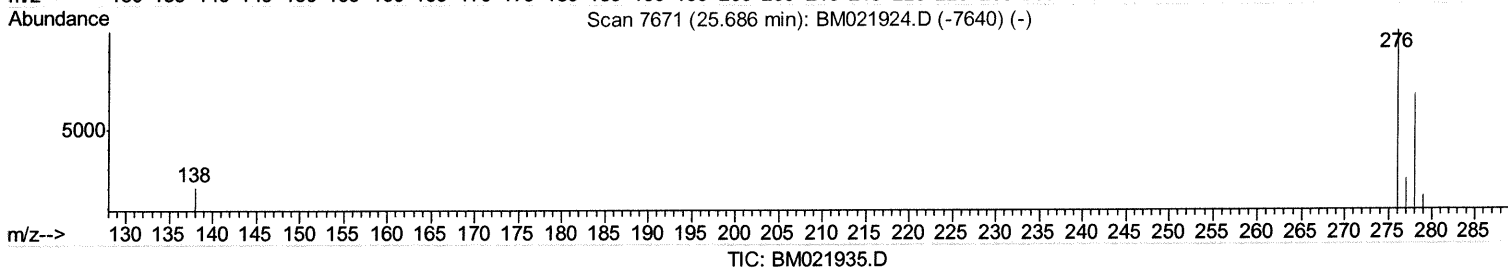
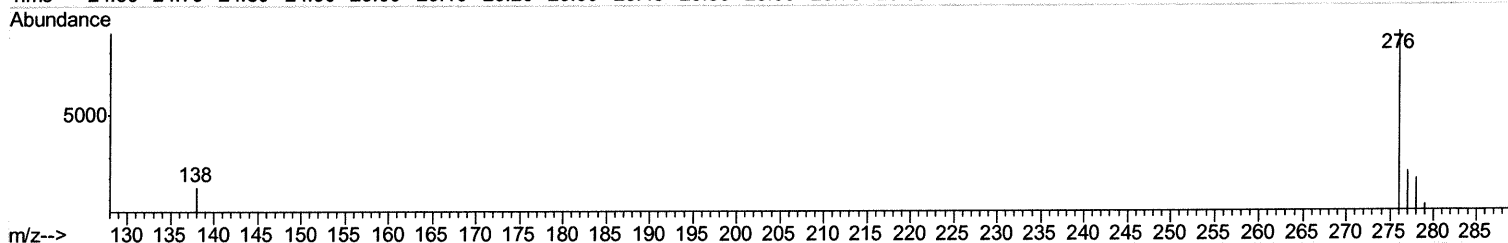
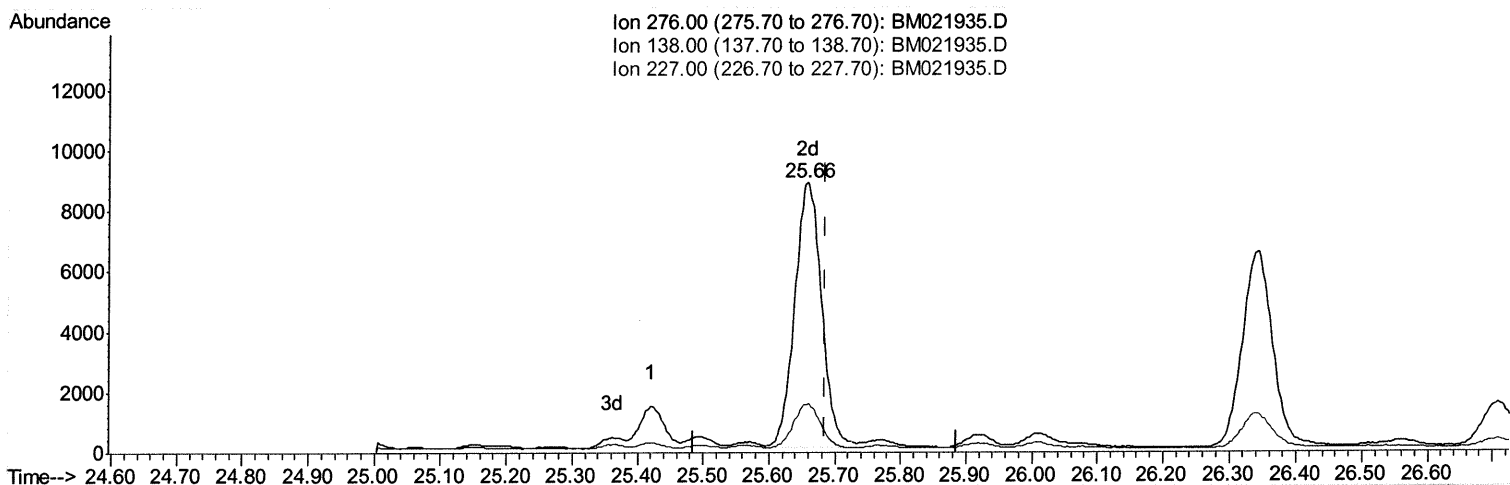
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

25.657min (-0.029) 1.24ng/ul m

JU
08/09/19

response 24814

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.56#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

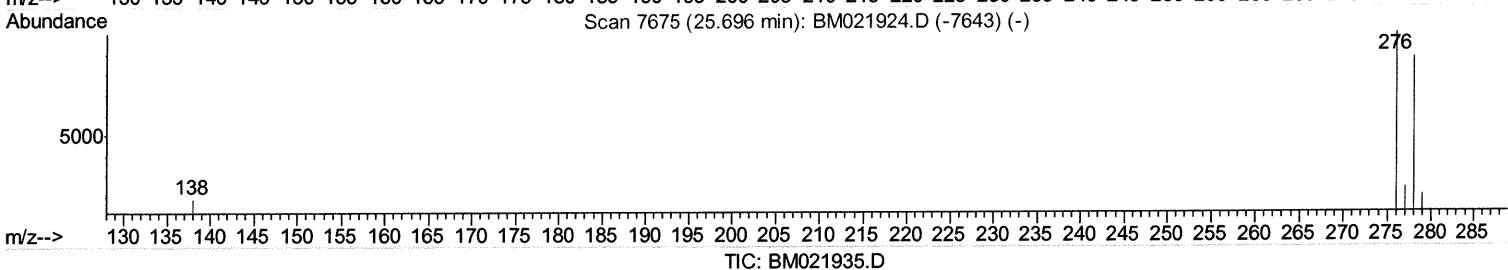
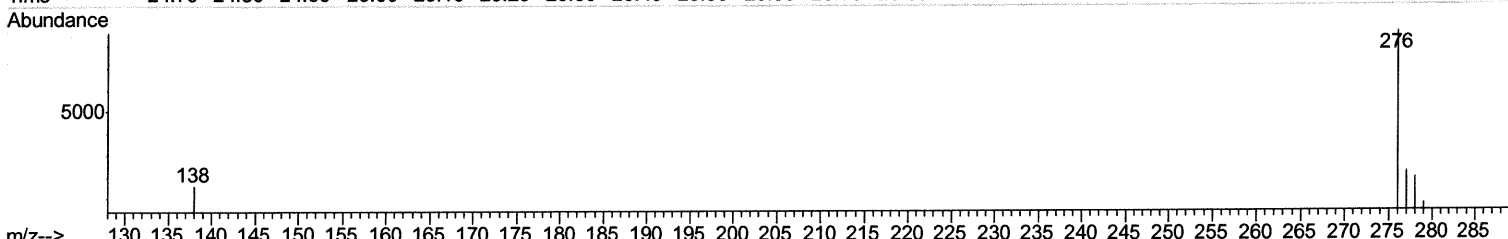
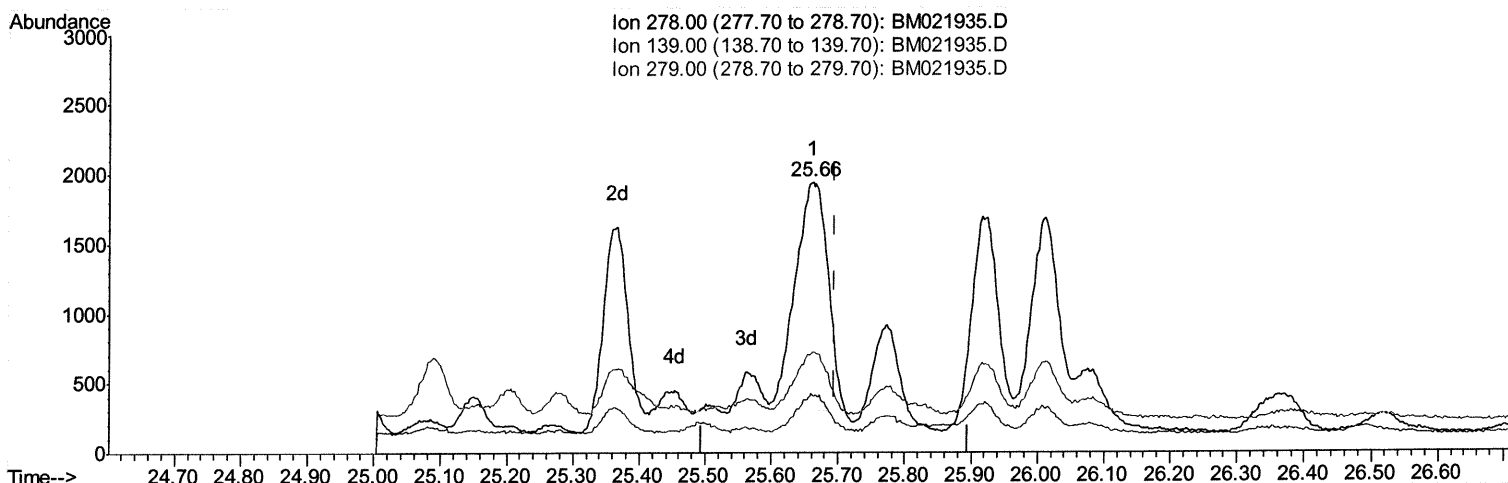
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.662min (-0.034) 0.34ng/ul

response 5564

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	20.89
279.00	35.40	37.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

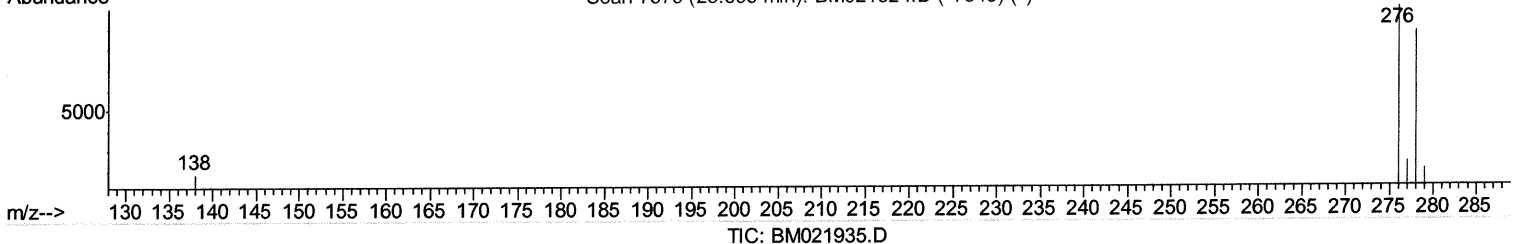
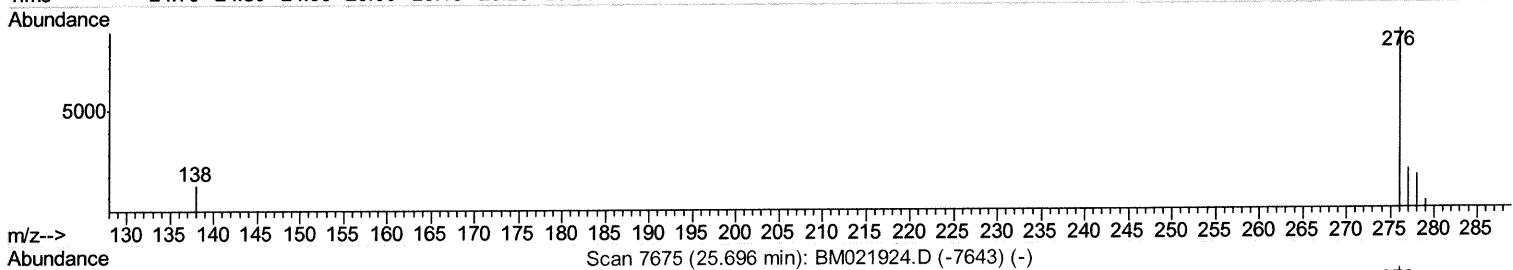
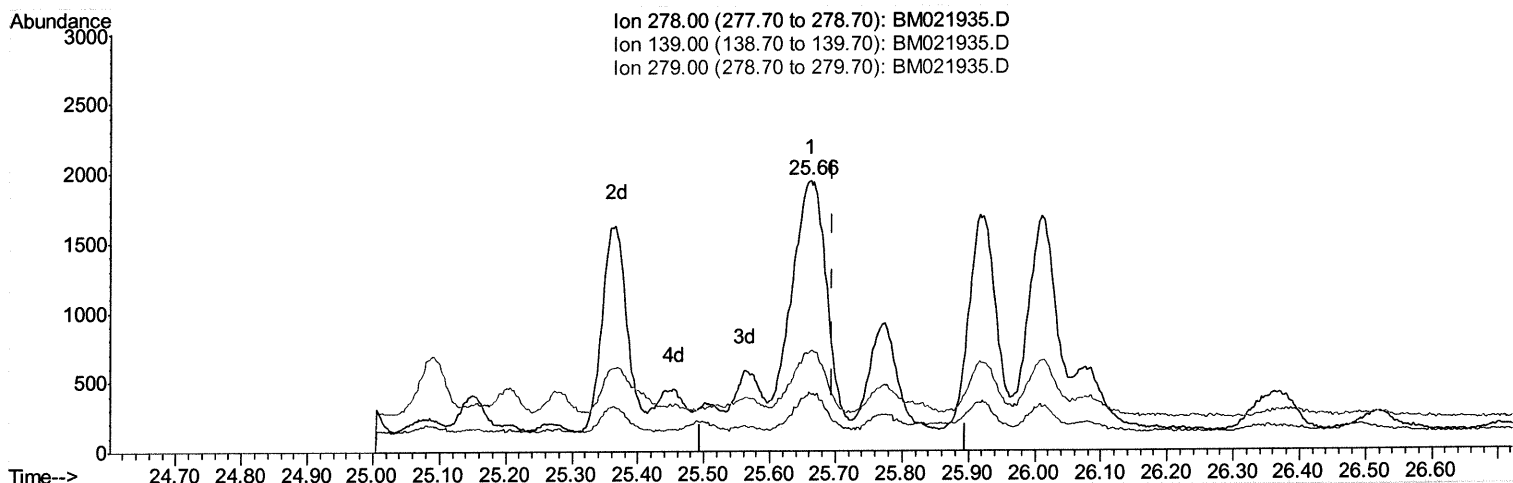
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.662min (-0.034) 0.40ng/ul m

JU
08/09/19

response 6450

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	20.89
279.00	35.40	37.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

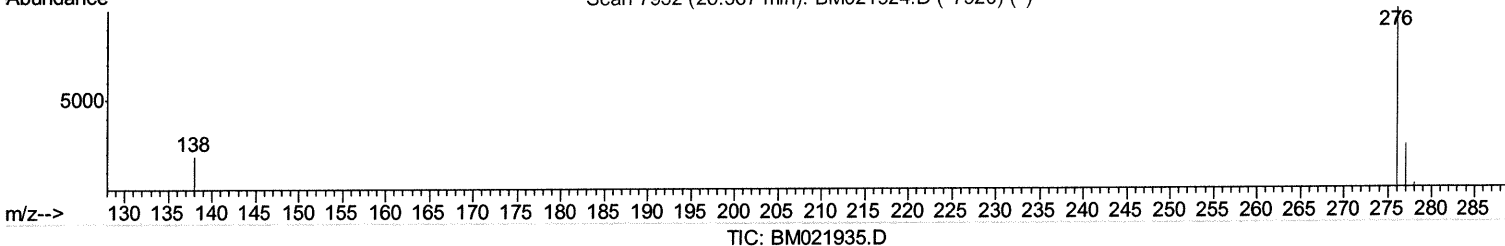
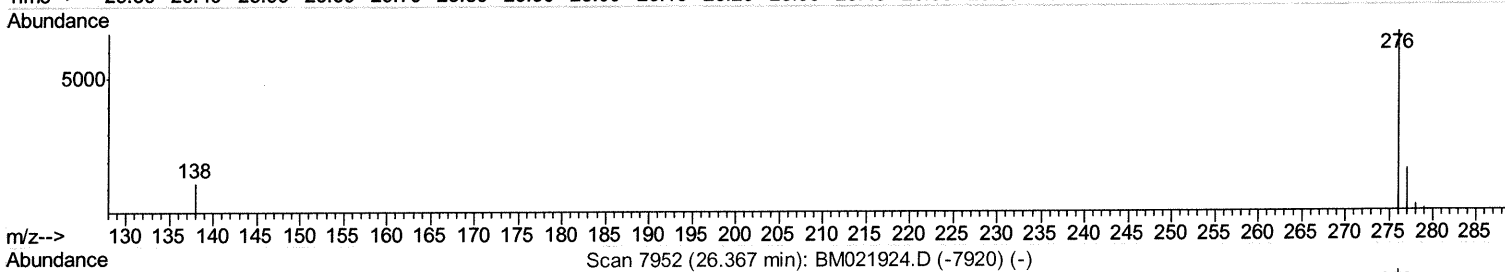
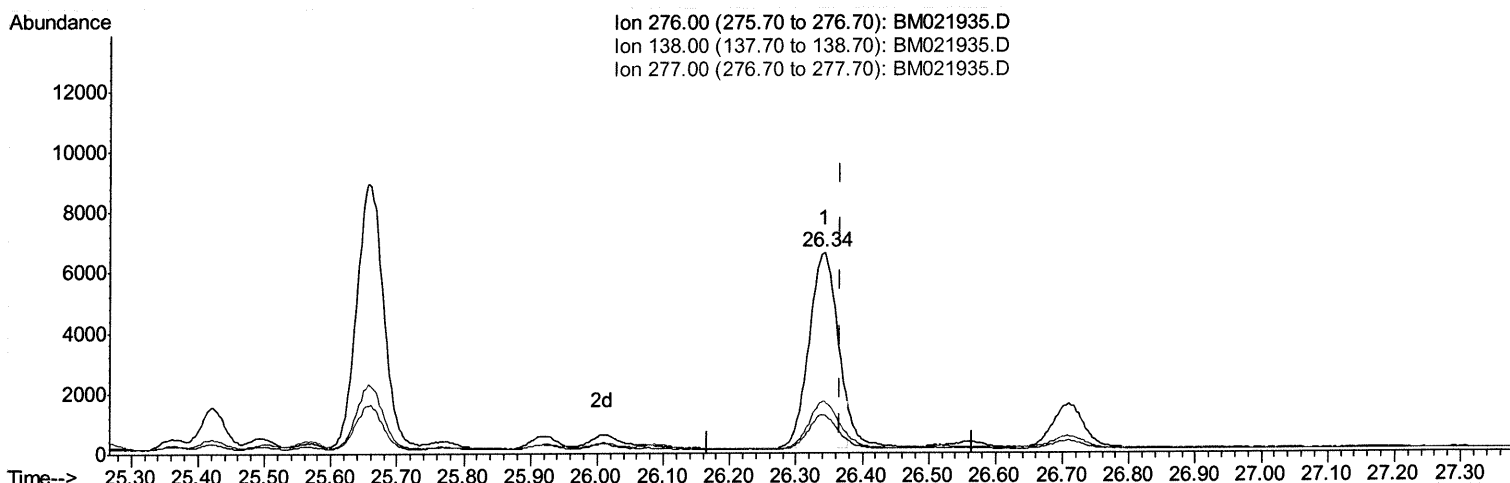
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

26.343min (-0.024) 1.06ng/ul

response 19026

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.79
277.00	26.80	25.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

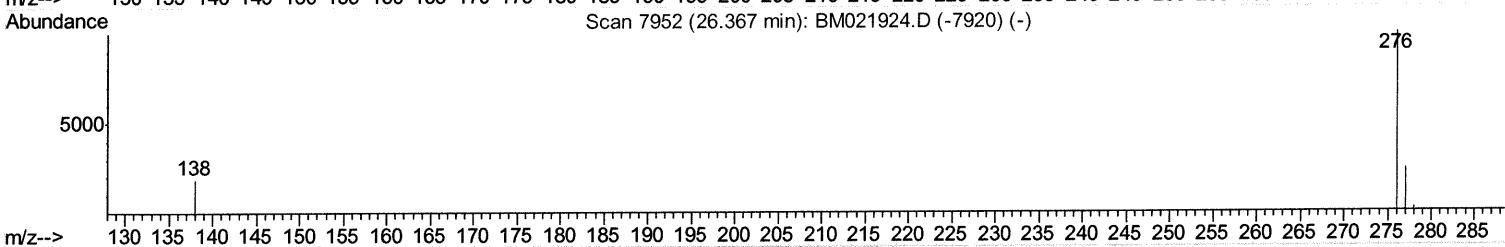
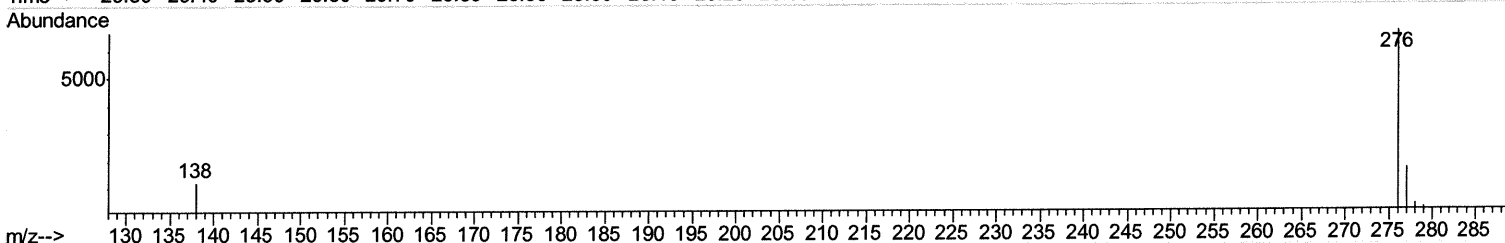
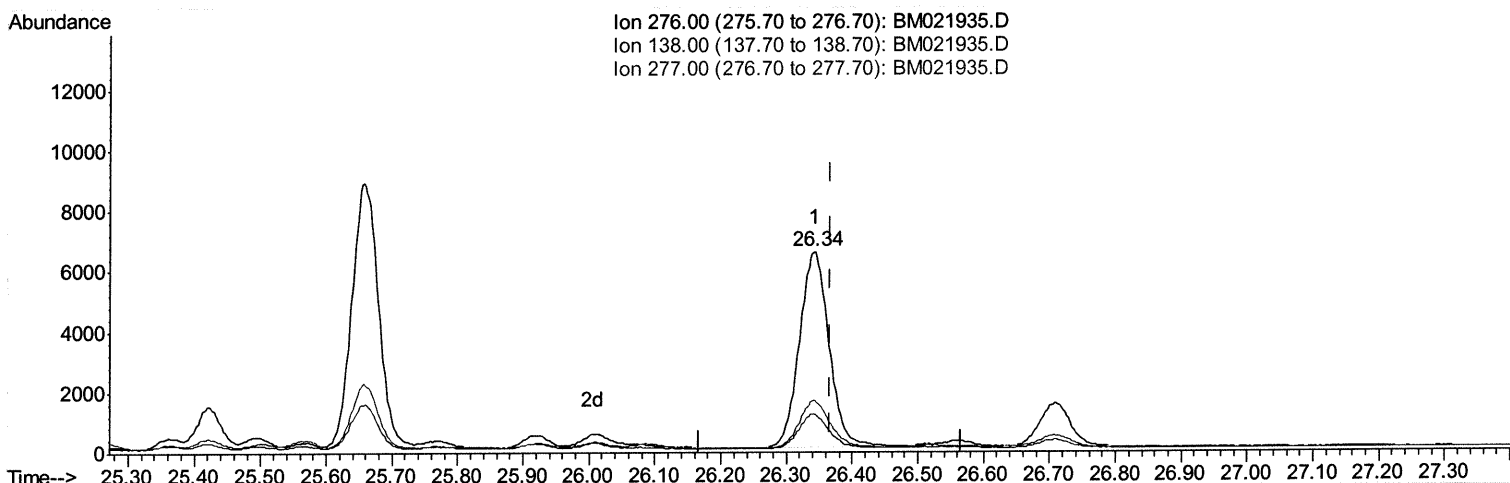
Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:18:00 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

26.343min (-0.024) 1.11ng/ul m *JU 08/09/19*

response 20032

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.79
277.00	26.80	25.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

Data File : BM021935.D
Acq On : 08 Aug 2019 16:16
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
BENW2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:59 AM

Quant Time: Aug 09 01:20:42 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	916	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3985	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2170	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5082m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5036m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	4886m →	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1921	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	5449m →	0.32	ng/ul	-0.01
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	603	0.054	ng/ul#	80
5) 2-Methylnaphthalene	12.08	142	363	0.048	ng/ul	99
7) Acenaphthylene	14.00	152	4118	0.407	ng/ul#	84
8) Acenaphthene	14.33	153	609	0.074	ng/ul	96
9) Fluorene	15.33	166	1028	0.112	ng/ul#	97
12) Phenanthrene	17.07	178	26278m →	1.777	ng/ul	99
13) Anthracene	17.16	178	5940m →	0.471	ng/ul	99
15) Fluoranthene	19.10	202	72515m →	3.661	ng/ul	99
17) Pyrene	19.46	202	69549	3.361	ng/ul	99
18) Benzo(a)anthracene	21.22	228	35891	1.992	ng/ul	98
19) Chrysene	21.27	228	40090	1.731	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	52900m →	3.211	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	18045m →	0.968	ng/ul	99
23) Benzo(a)pyrene	23.35	252	35154m →	2.098	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	24814m →	1.240	ng/ul	99
25) Dibenzo(a,h)anthracene	25.66	278	6450m →	0.399	ng/ul	99
26) Benzo(g,h,i)perylene	26.34	276	20032m →	1.112	ng/ul	99

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