

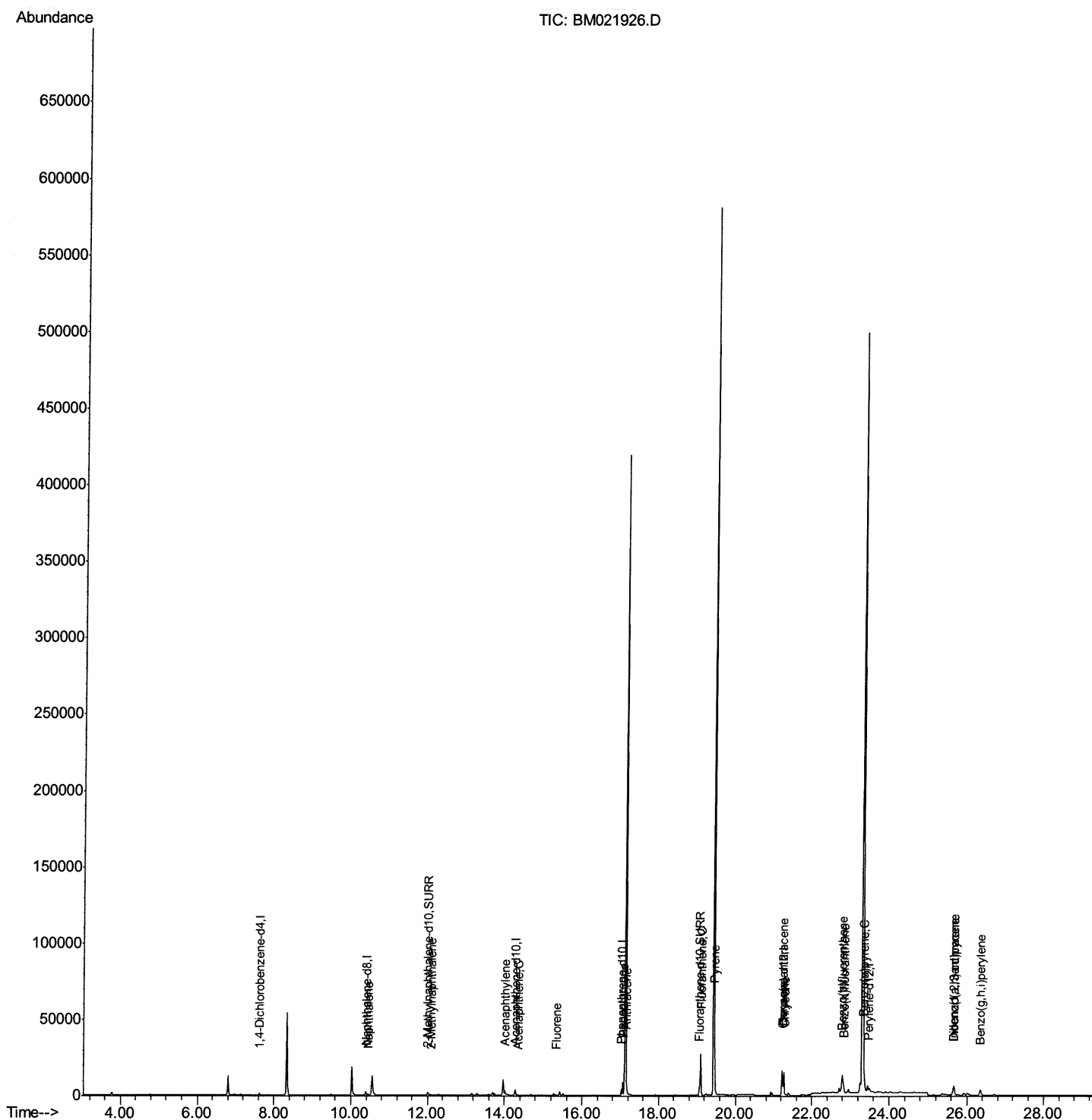
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021926.D
Acq On : 08 Aug 2019 10:41
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:14:16 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

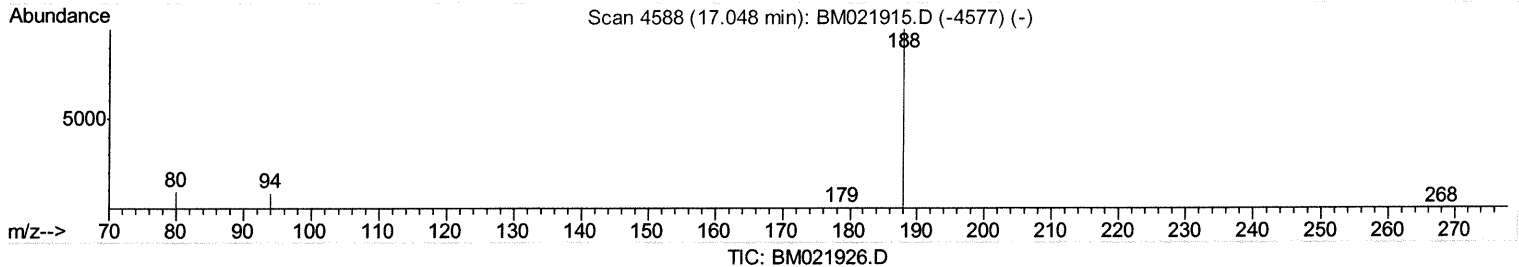
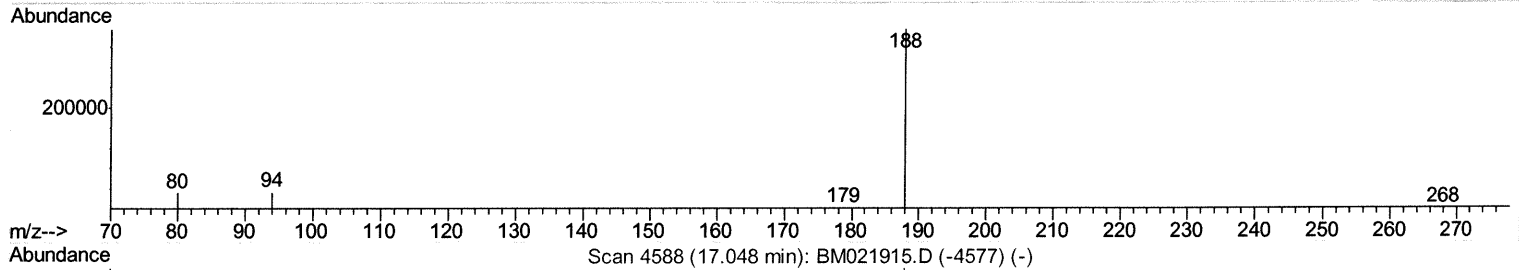
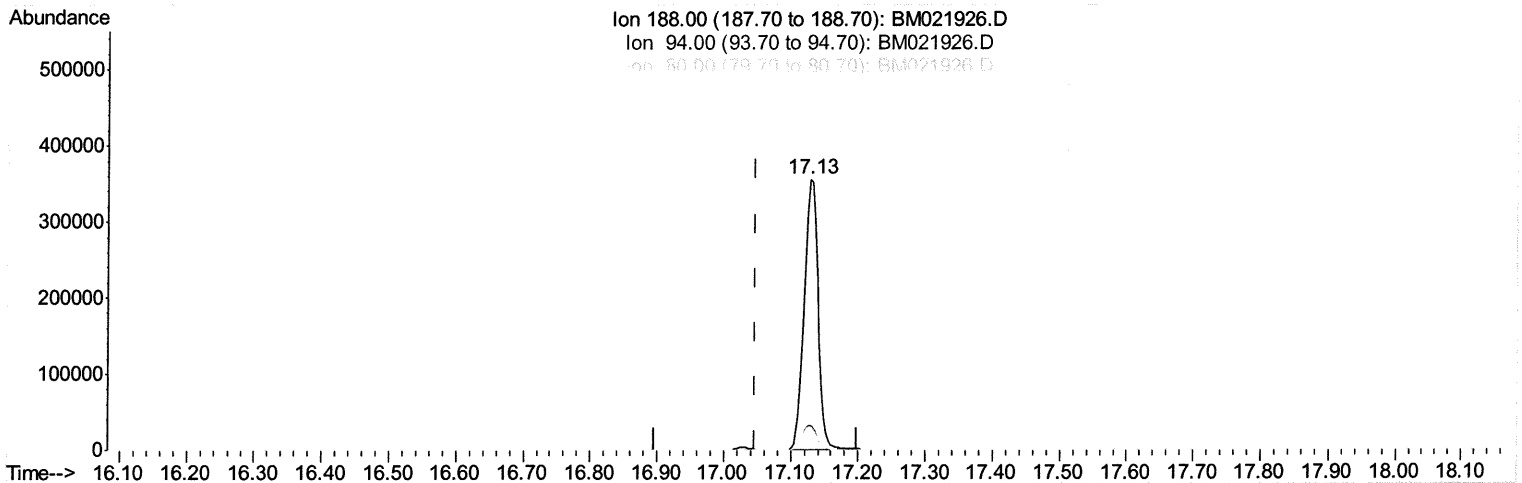
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 13:31:26 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.128min (+0.080) 0.40ng/ul

response 502719

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.26
80.00	11.40	8.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

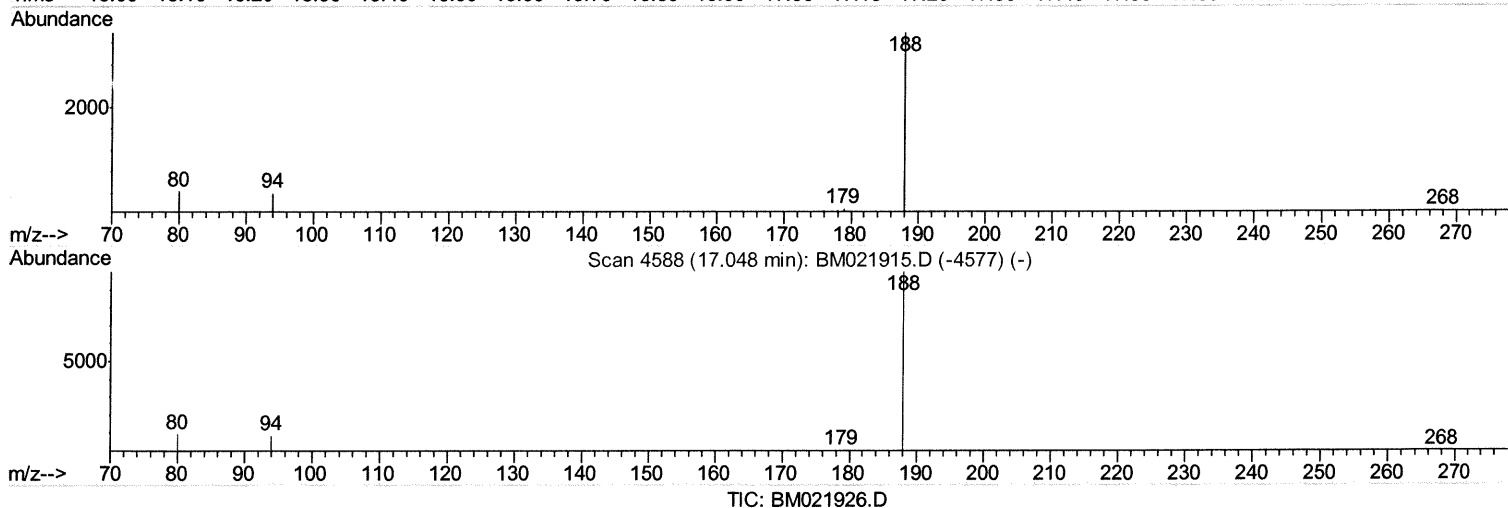
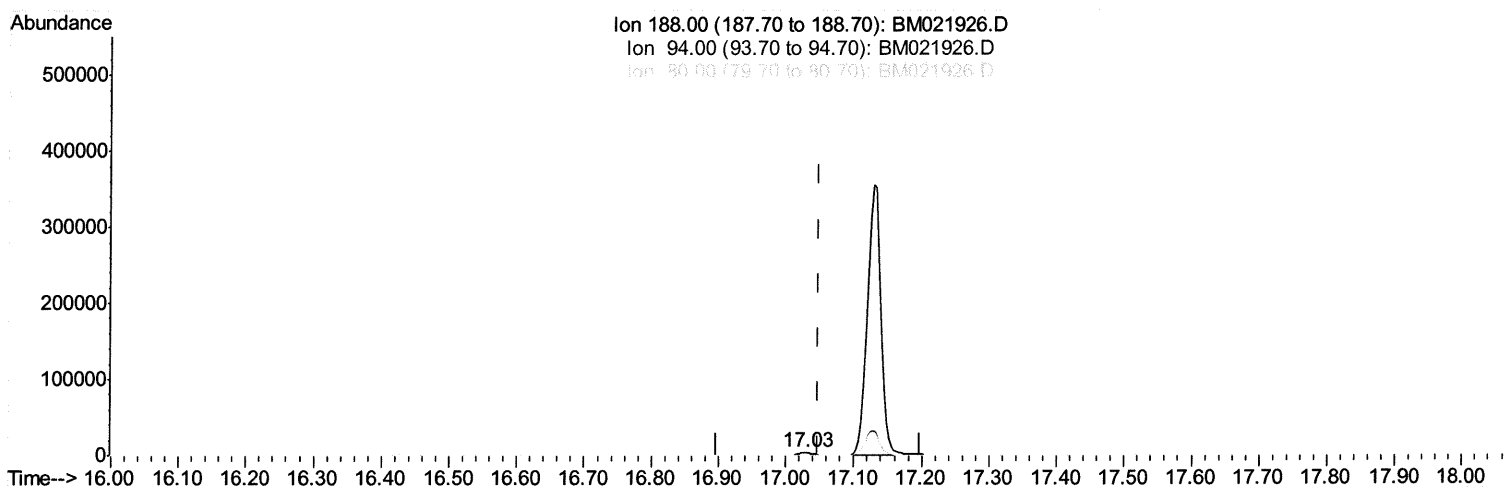
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 13:31:26 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.031min (-0.017) 0.40ng/ul m

Ju 08/08/19

response 4668

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.70
80.00	11.40	12.62
0.00	0.00	0.00

Quantitation Report (Qedit)

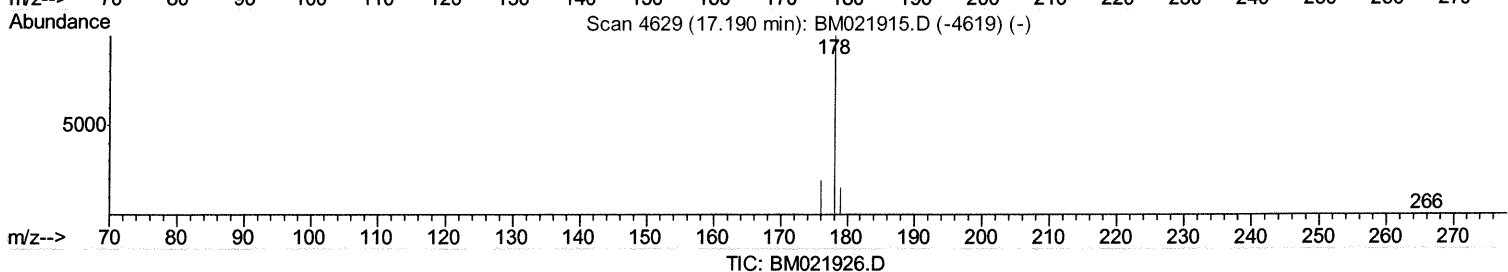
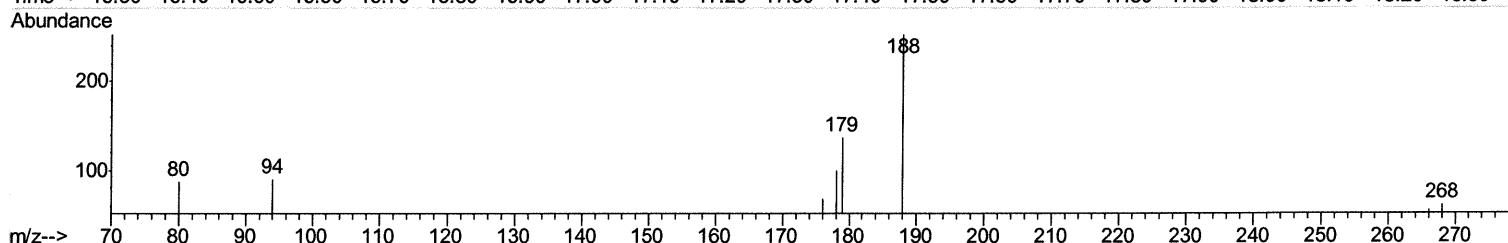
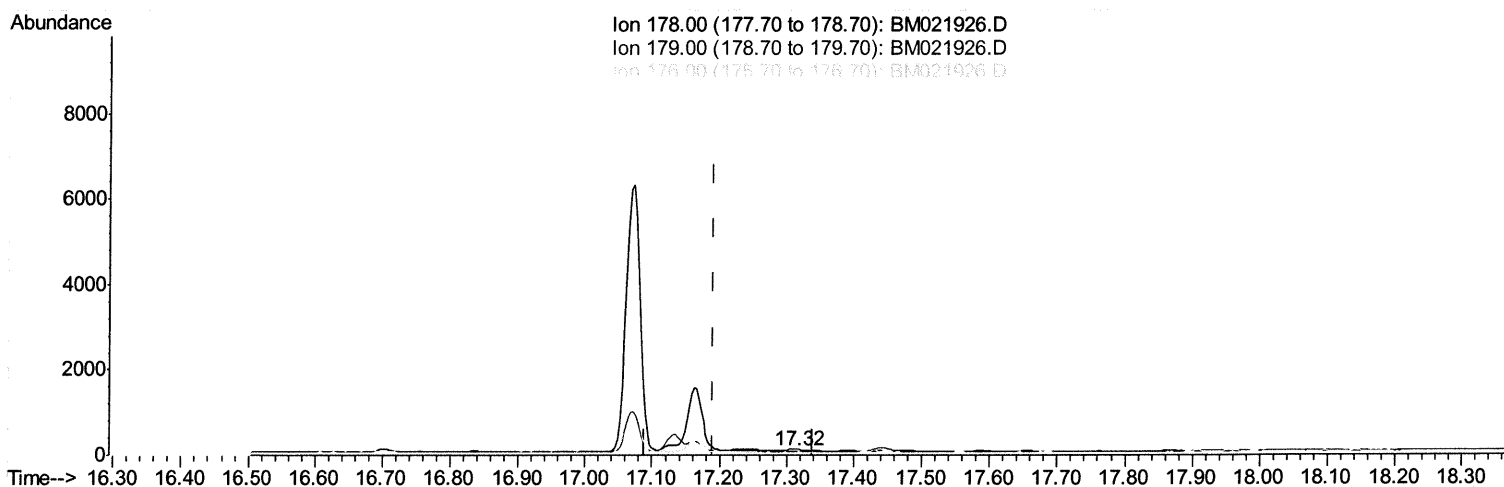
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021926.D
Acq On : 08 Aug 2019 10:41
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(13) Anthracene

17.315min (+0.125) 0.00ng/ul

response 47

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	137.00#
176.00	20.80	68.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

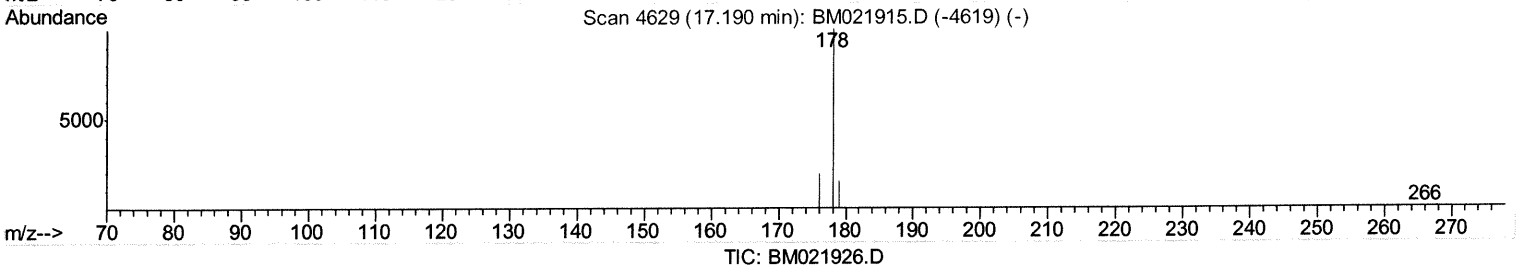
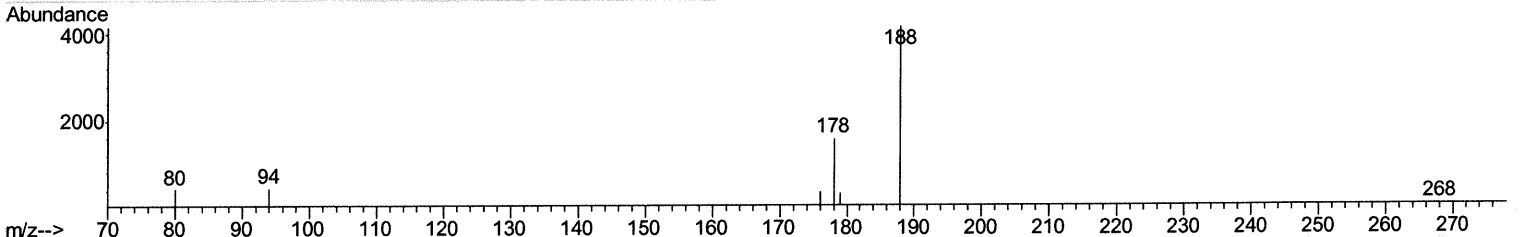
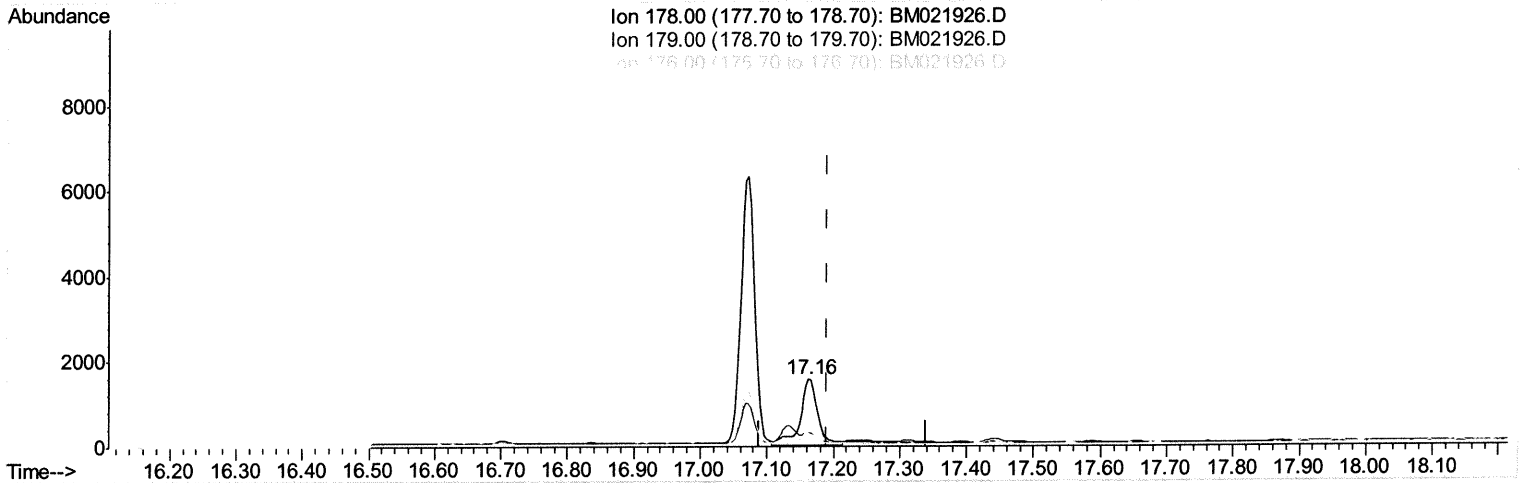
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(13) Anthracene

17.162min (-0.028) 0.24ng/ul m *JU 08/08/19*

response 2770

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	21.28
176.00	20.80	22.24
0.00	0.00	0.00

Quantitation Report (Qedit)

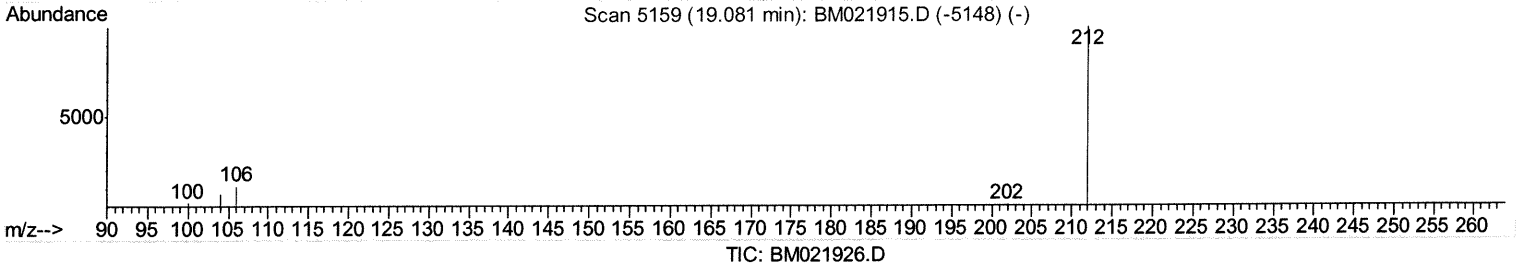
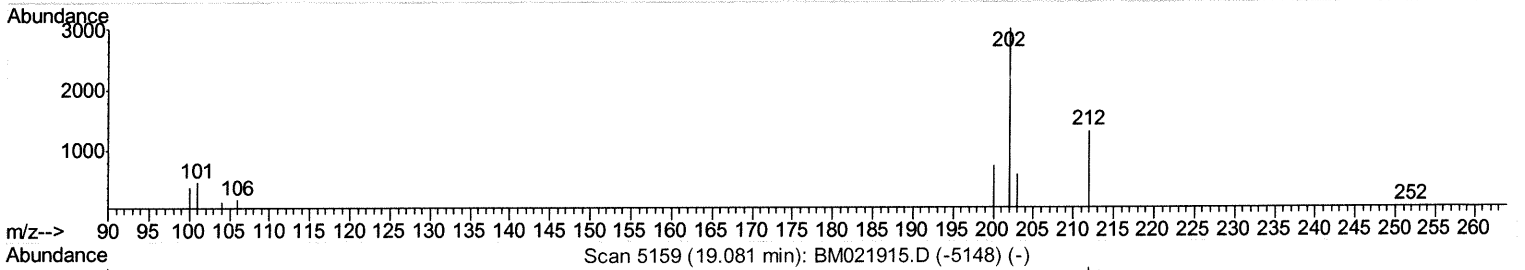
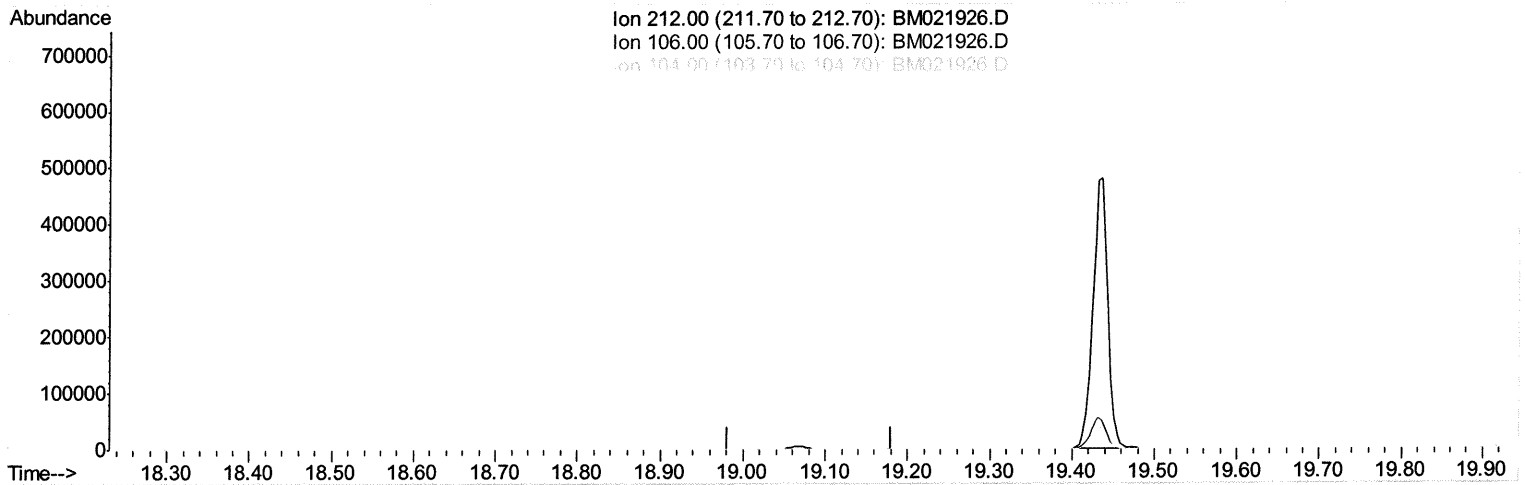
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 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

Quantitation Report (Qedit)

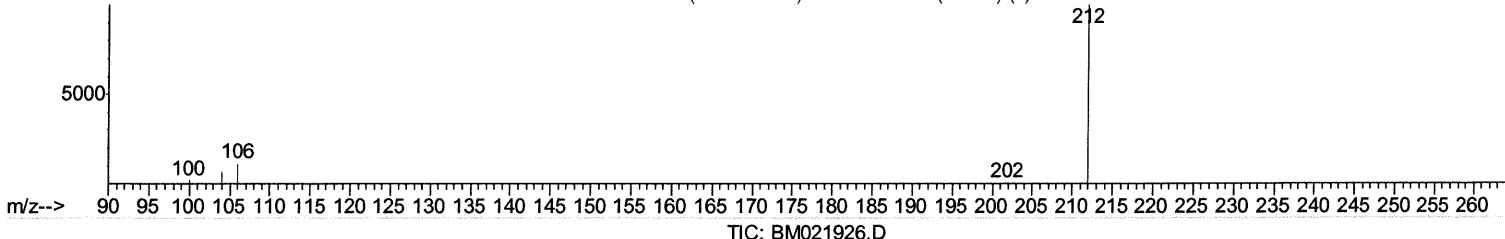
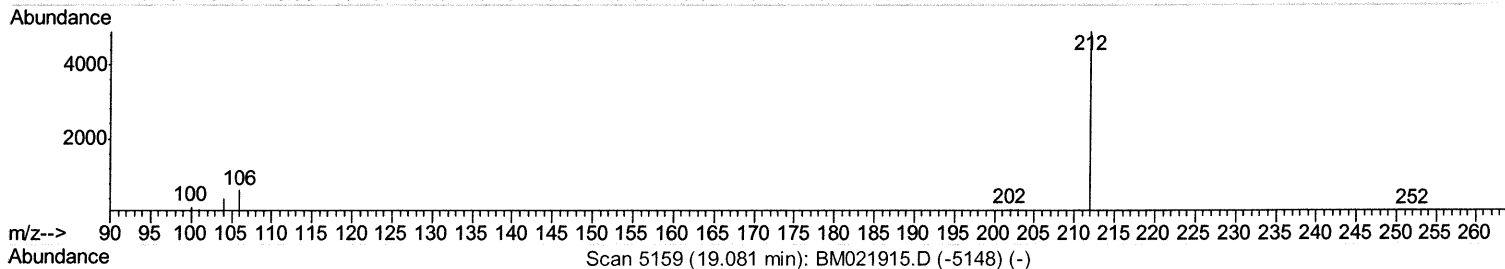
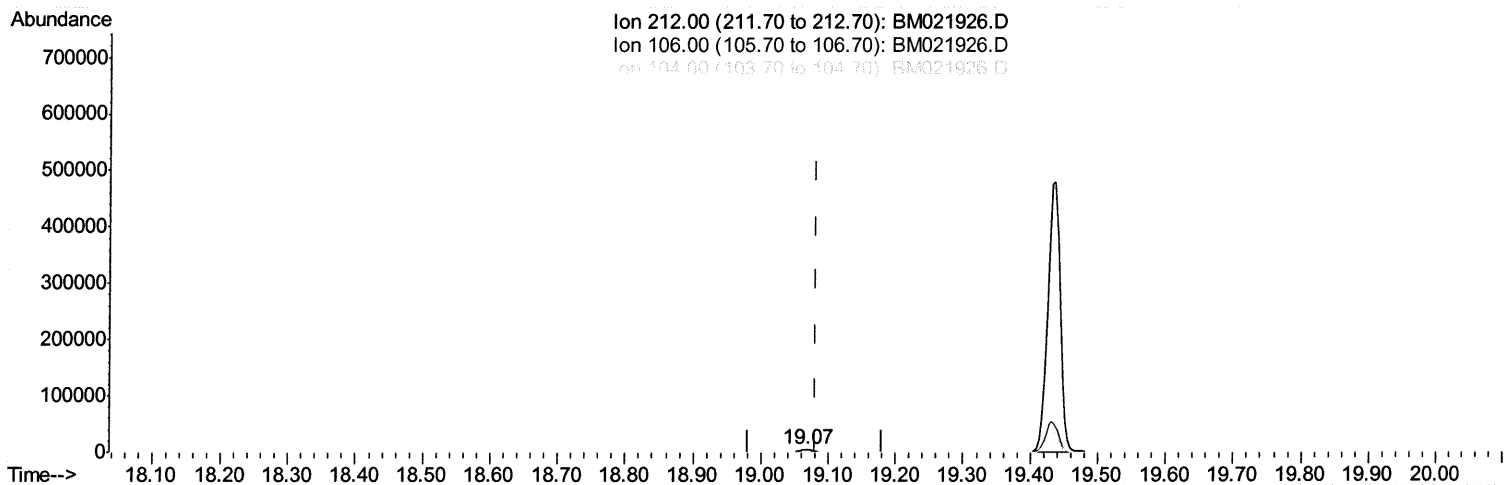
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.066min (-0.015) 0.43ng/ul m

JU
 08/08/19

response 6726

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

Quantitation Report (Qedit)

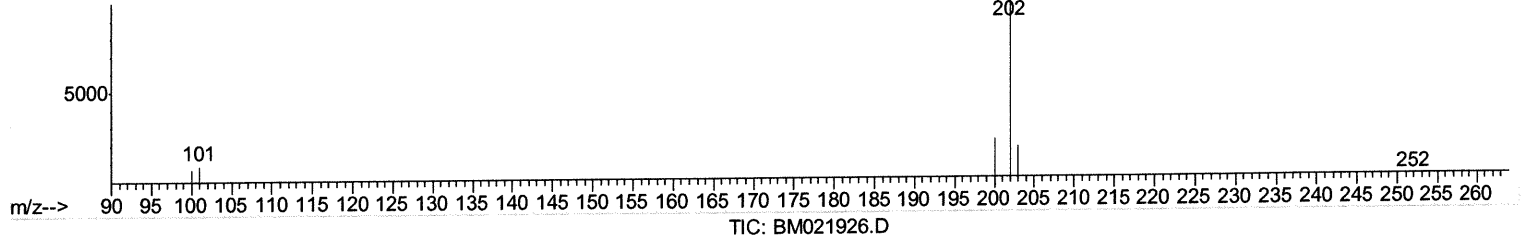
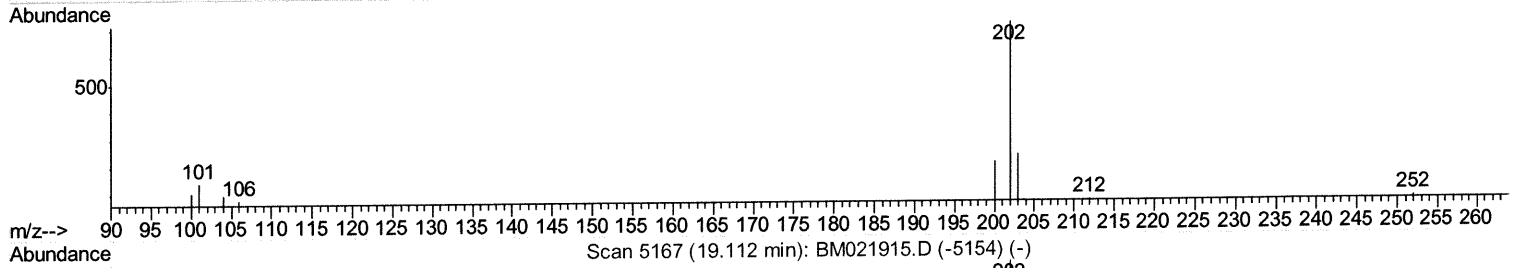
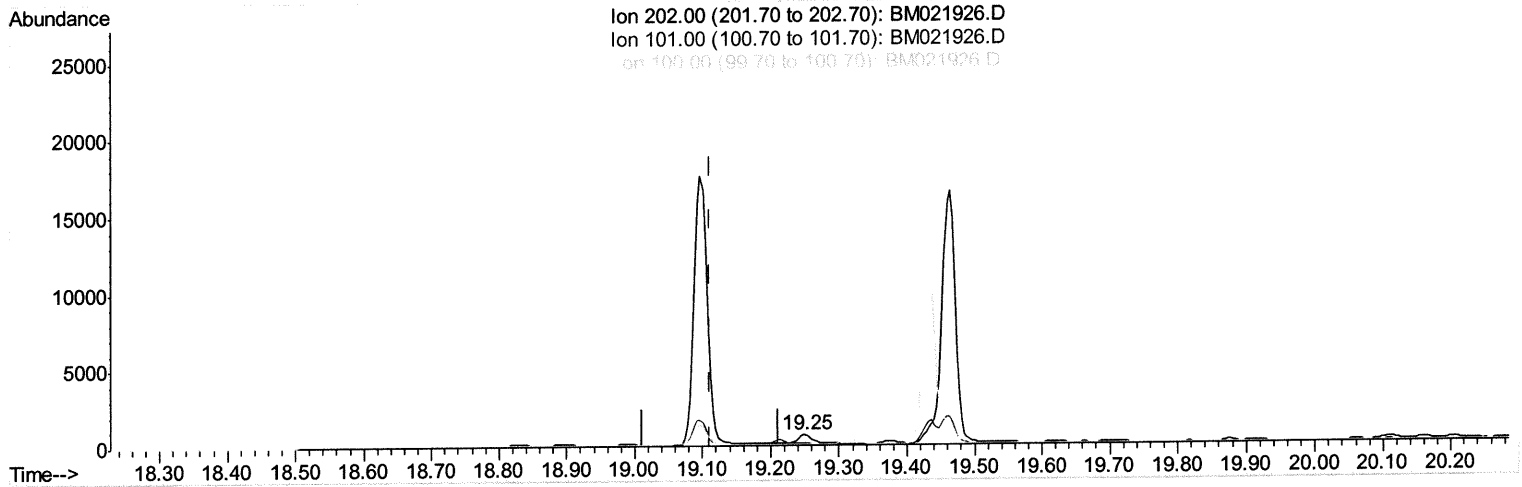
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.249min (+0.137) 0.04ng/ul

response 805

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	19.92
100.00	8.10	14.73
0.00	0.00	0.00

Quantitation Report (Qedit)

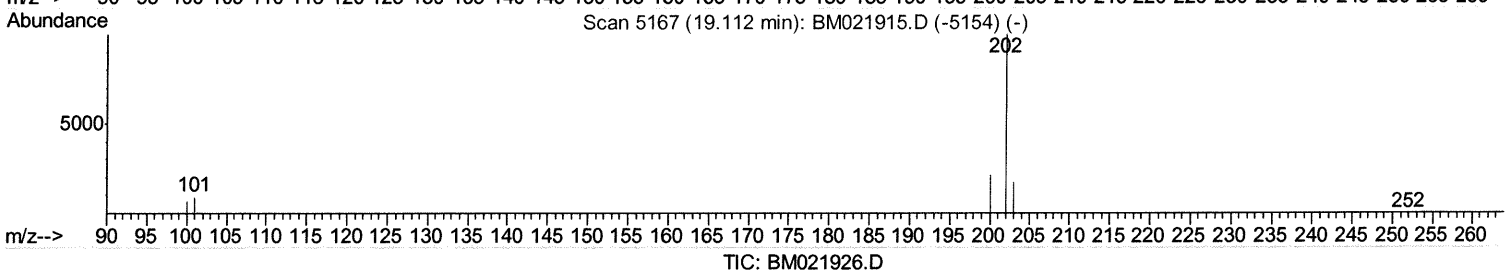
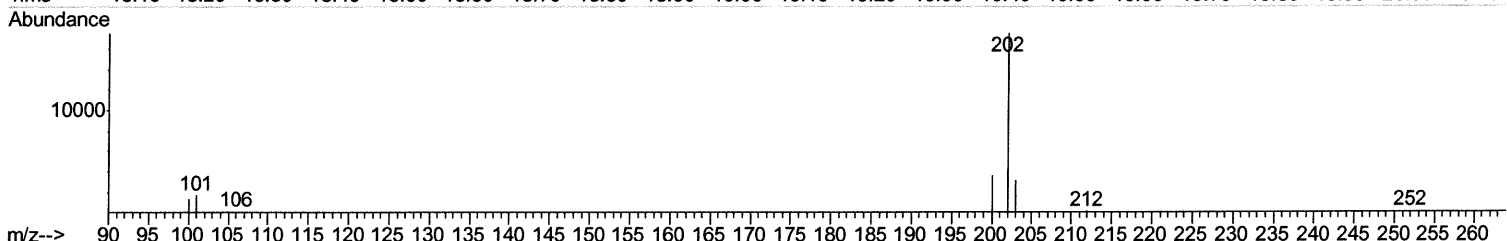
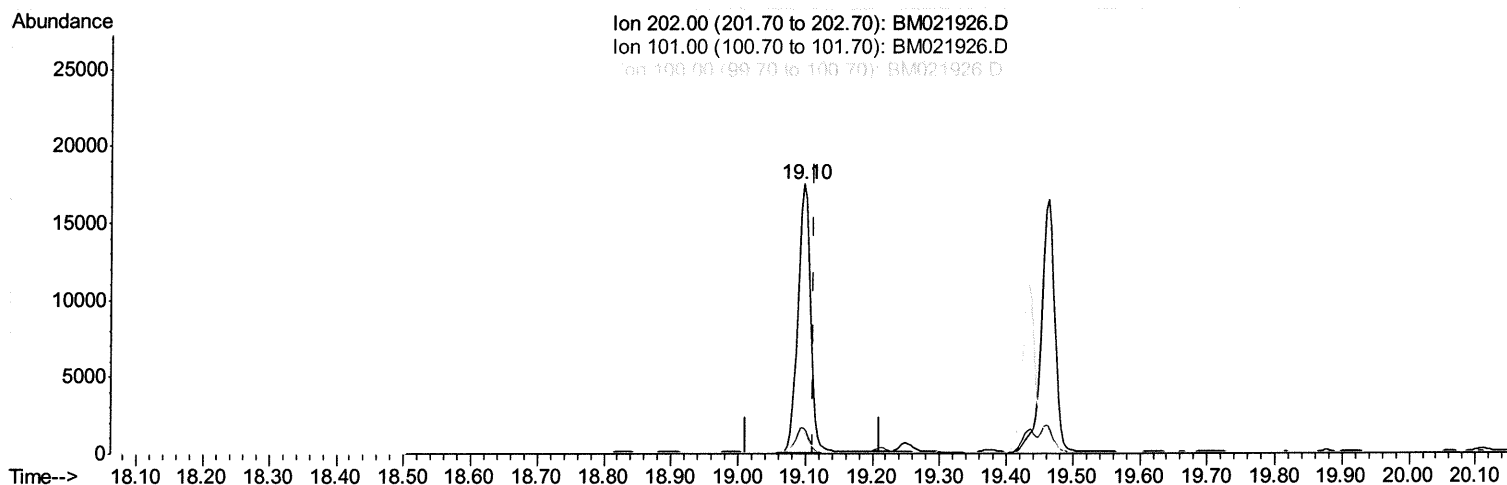
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021926.D
Acq On : 08 Aug 2019 10:41
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.096min (-0.015) 1.29ng/ul m

Jy 08/08/19

response 23399

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.77
100.00	8.10	7.81
0.00	0.00	0.00

Quantitation Report (Qedit)

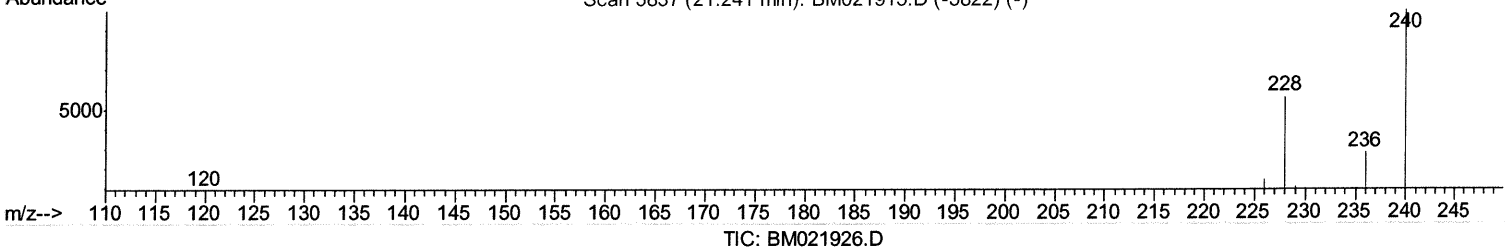
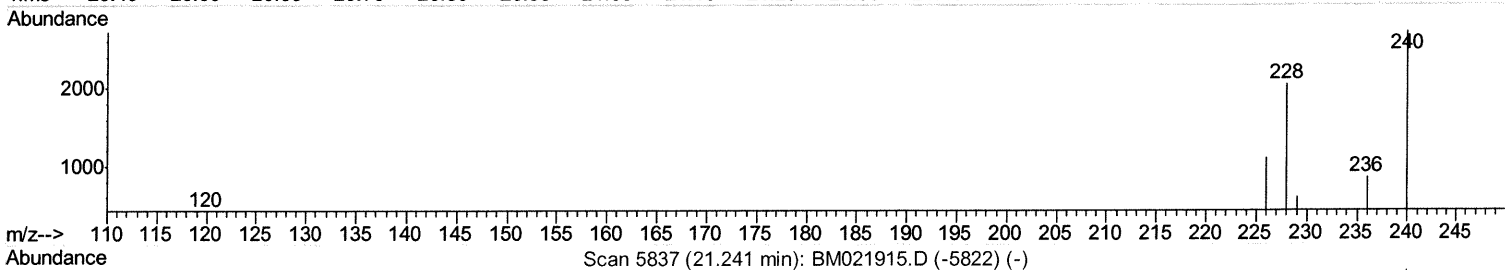
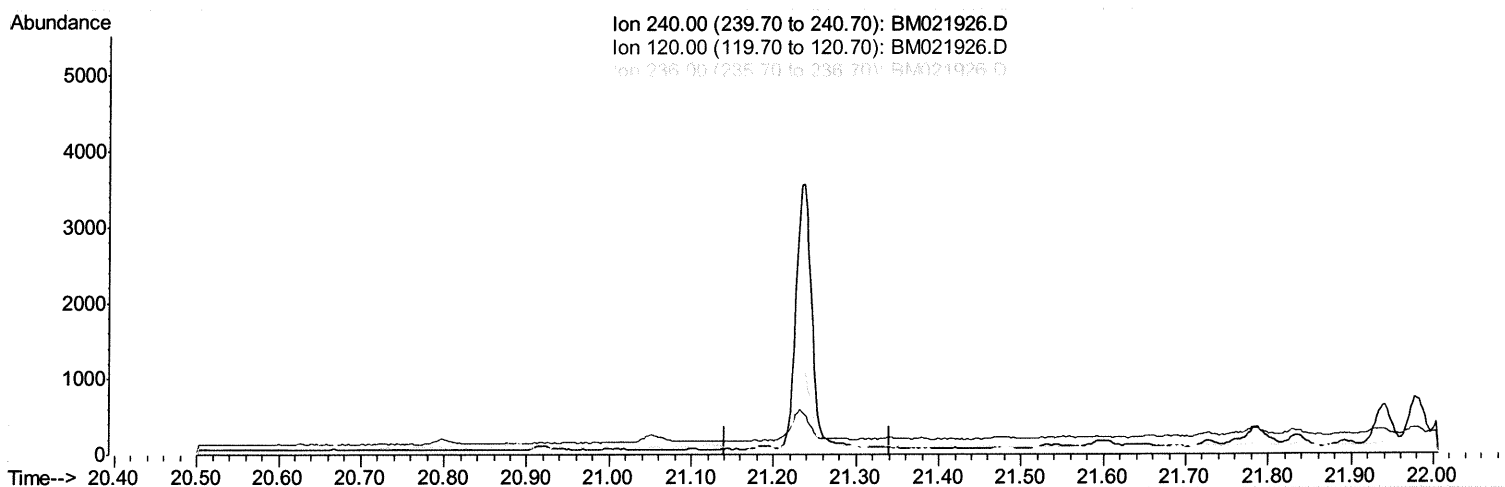
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 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)

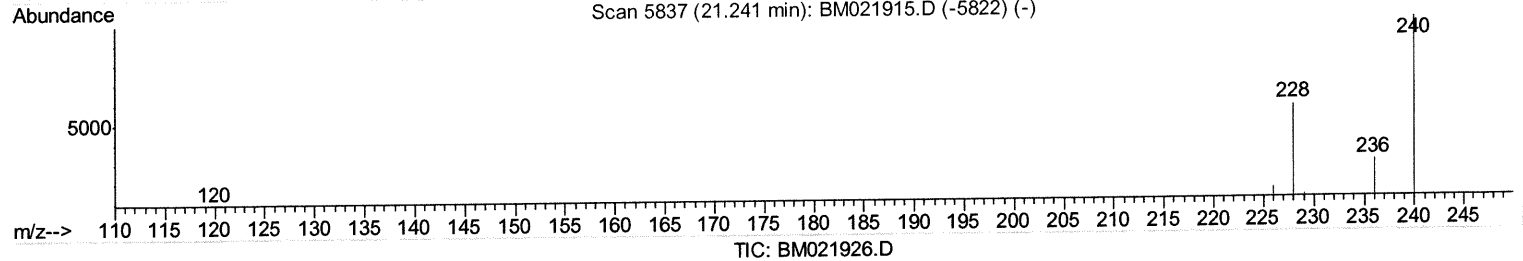
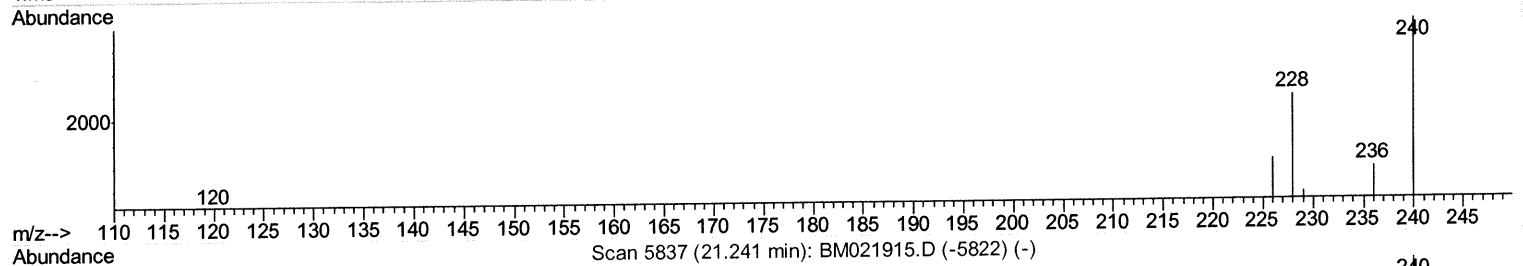
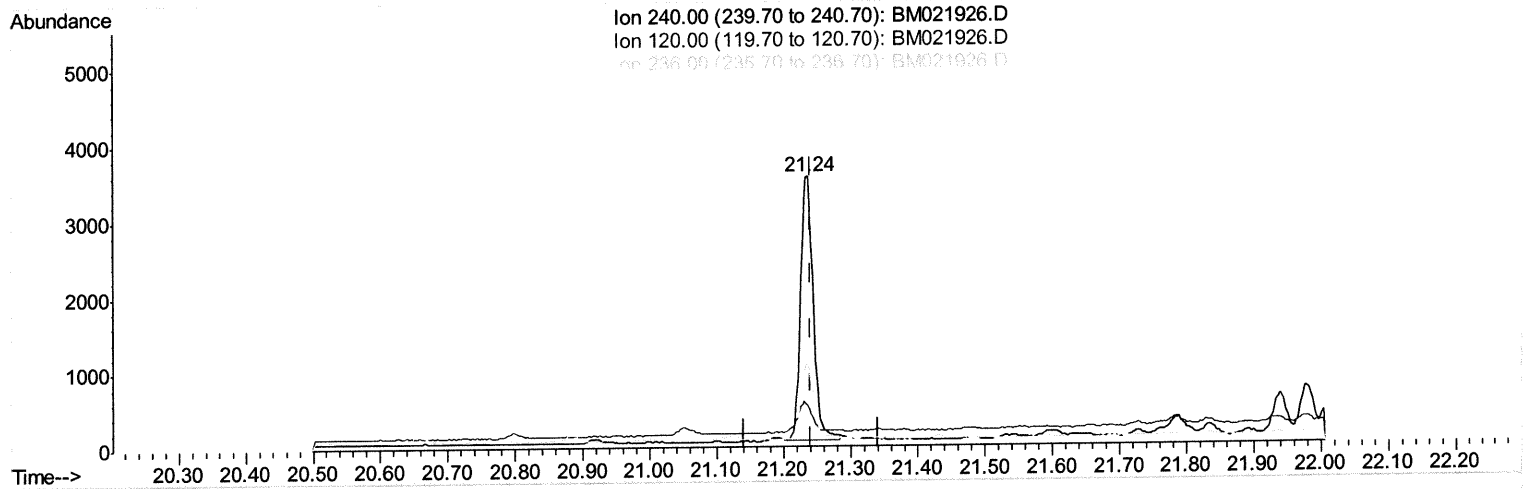
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:09:19 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.237min (-0.005) 0.40ng/ul m *JU 8/8/19*

response 4550

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.13
236.00	32.30	30.40
0.00	0.00	0.00

Quantitation Report (Qedit)

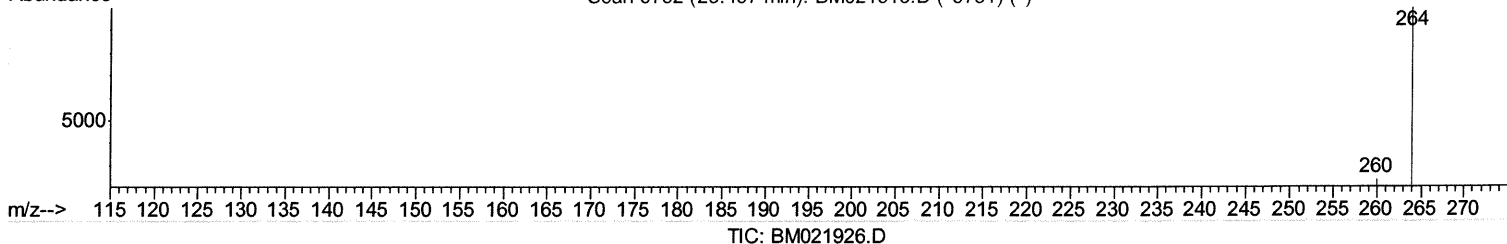
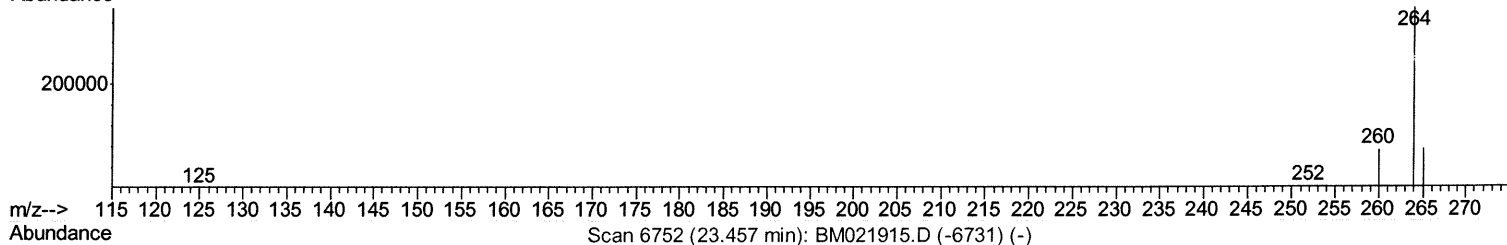
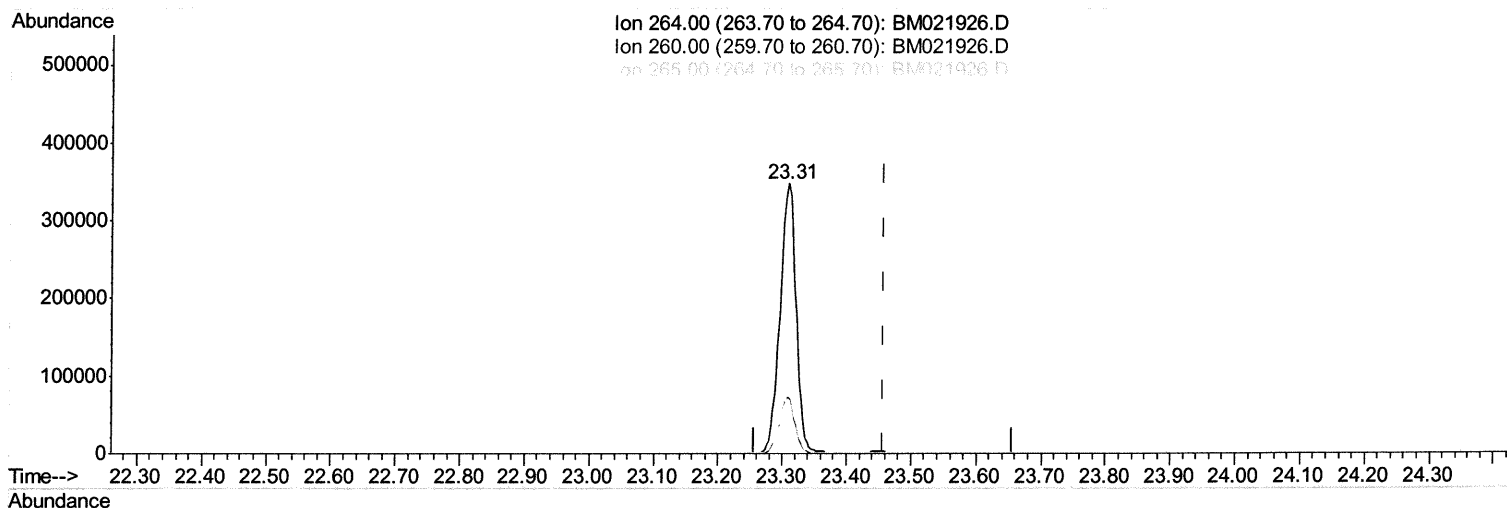
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:10:55 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.310min (-0.148) 0.40ng/ul

response 609072

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.04#
265.00	117.00	21.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

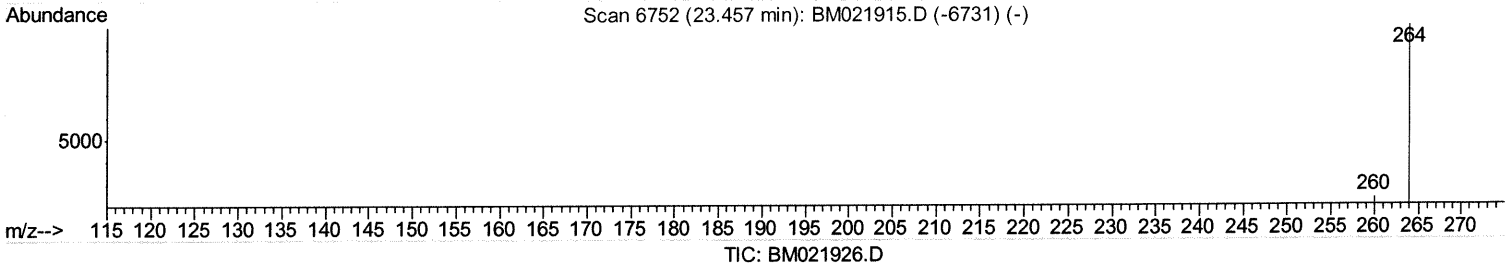
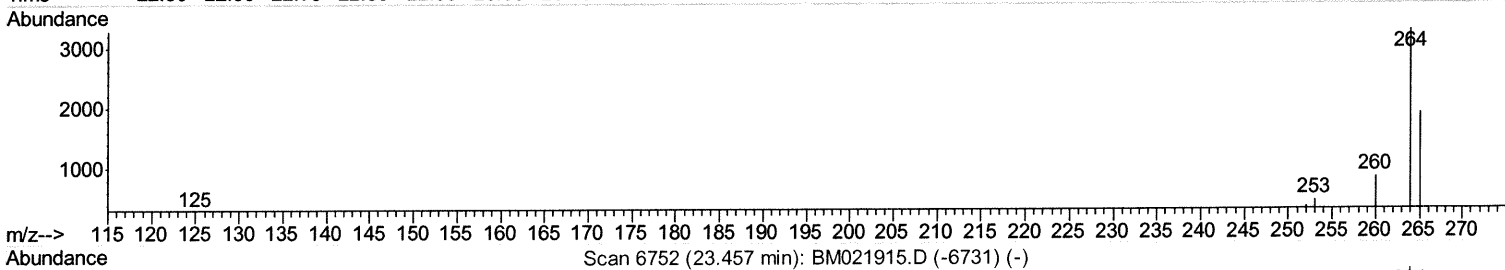
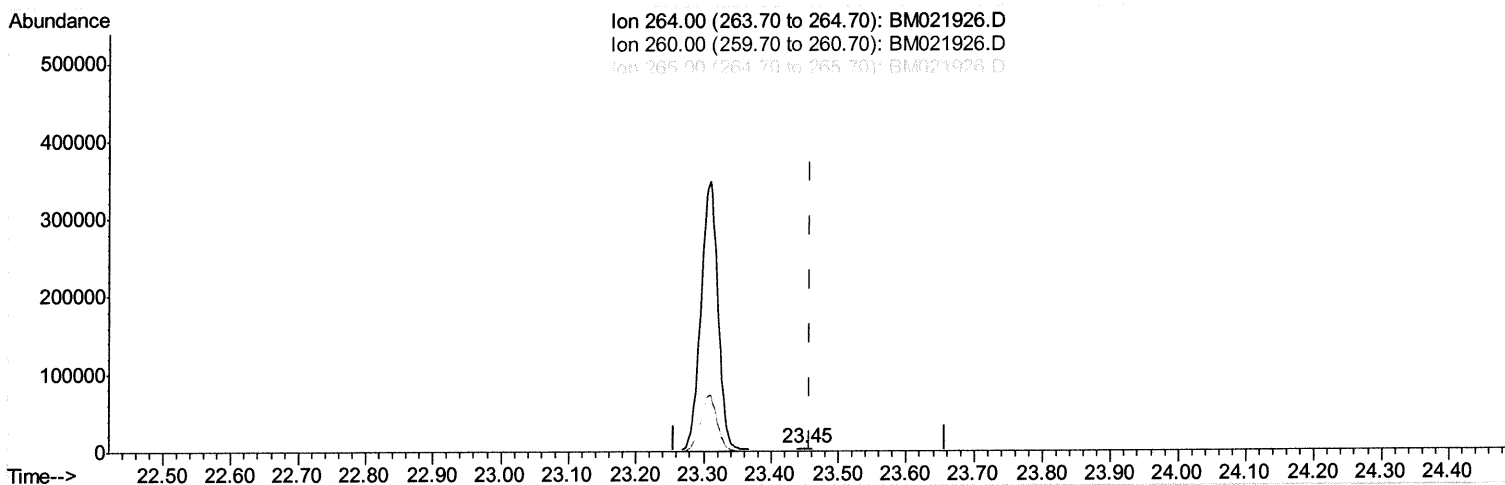
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:10:55 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.450min (-0.007) 0.40ng/ul m *JU 08/08/19*

response 4096

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.65
265.00	117.00	58.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

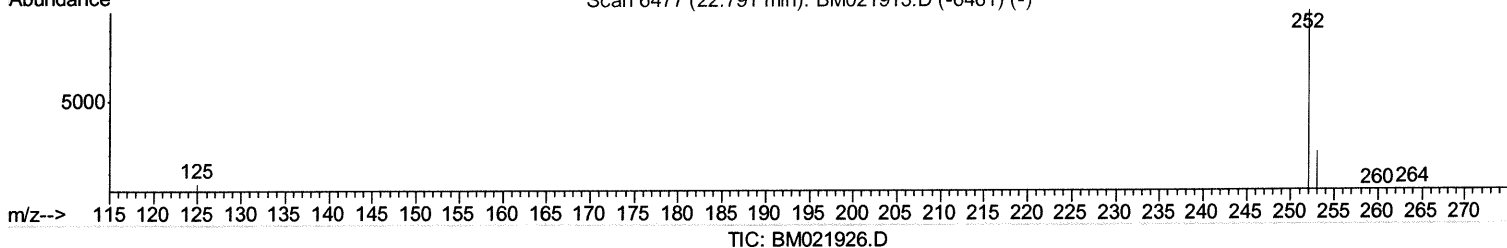
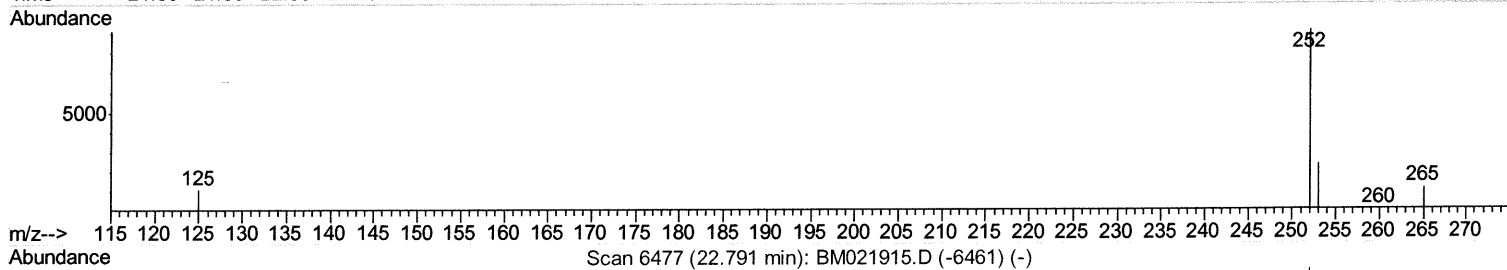
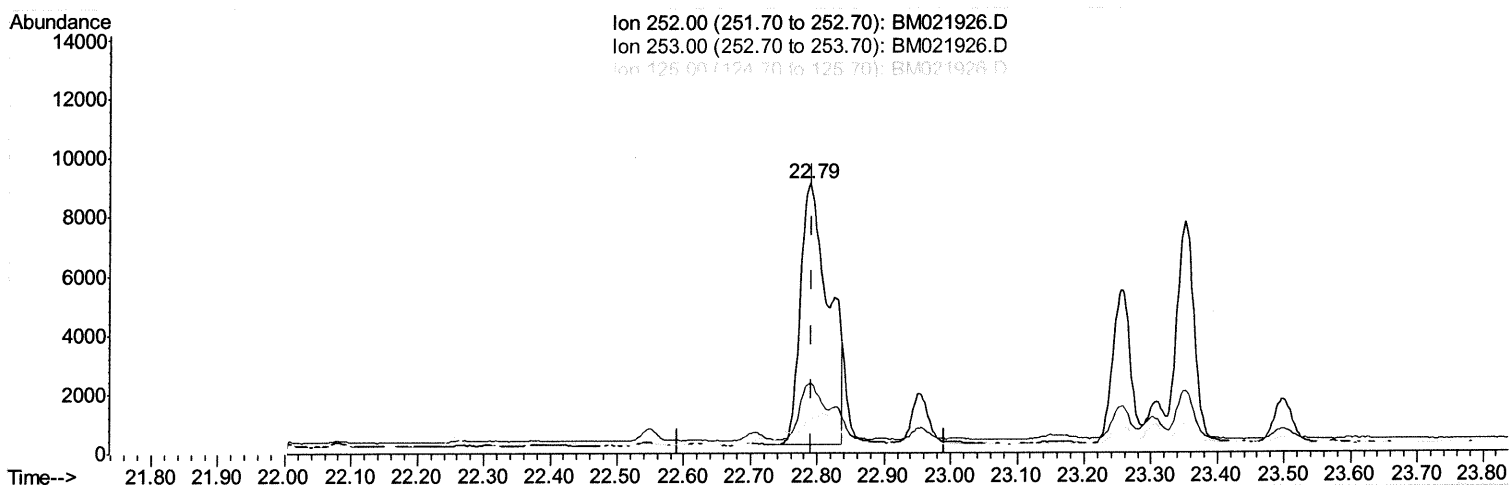
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.789min (-0.002) 1.87ng/ul

response 25874

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.01
125.00	15.50	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

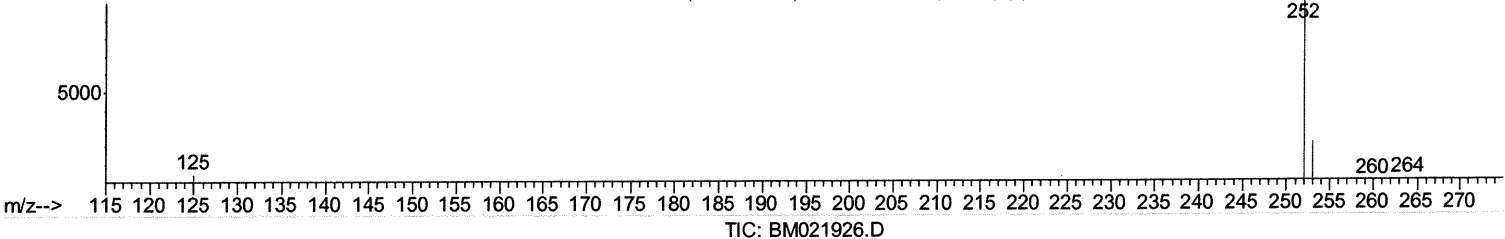
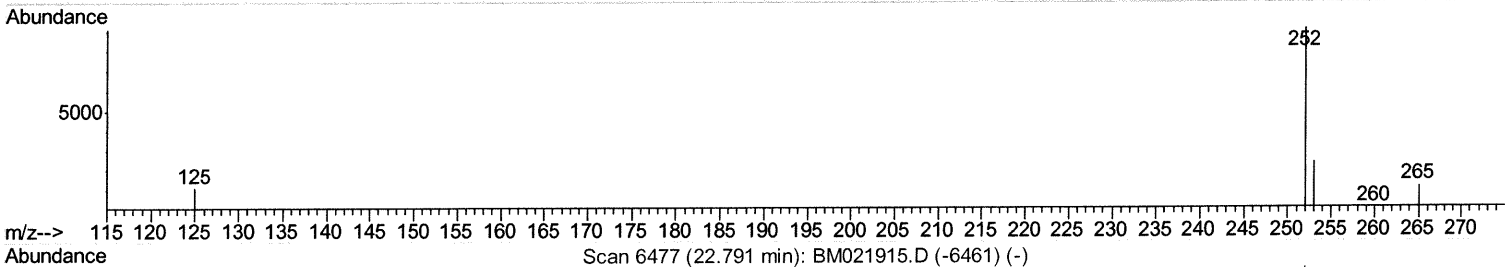
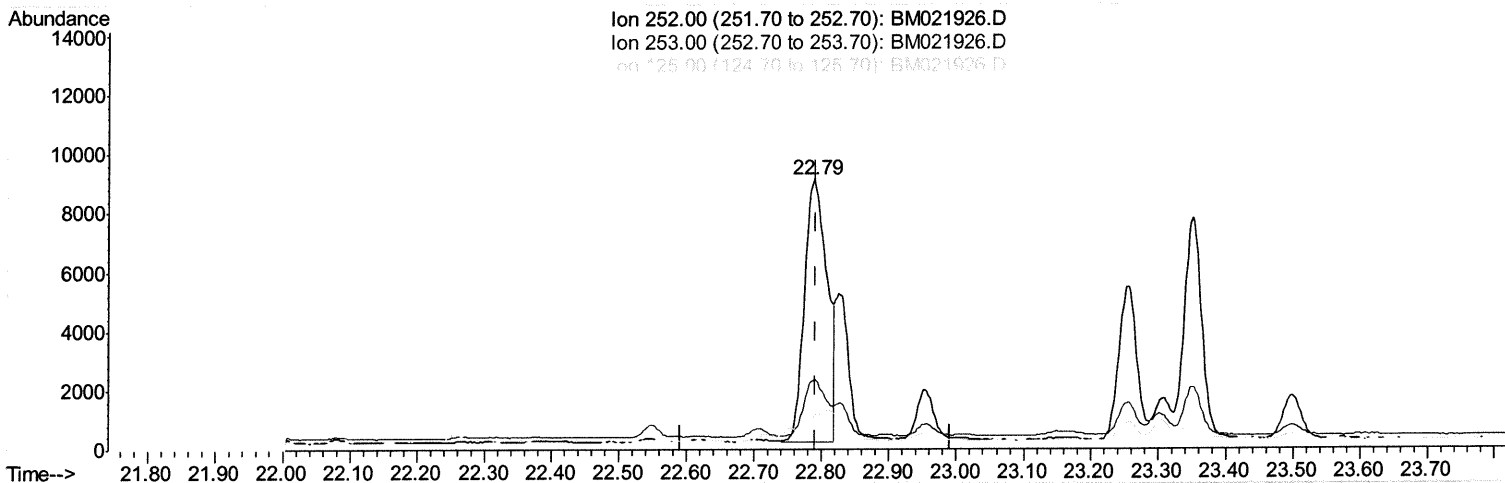
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.789min (-0.002) 1.50ng/ul m *JU 8/10/19*

response 20662

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.01
125.00	15.50	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

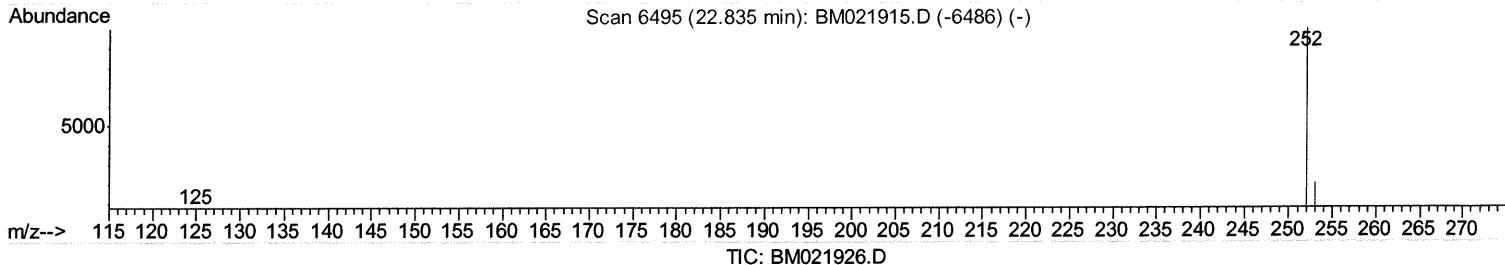
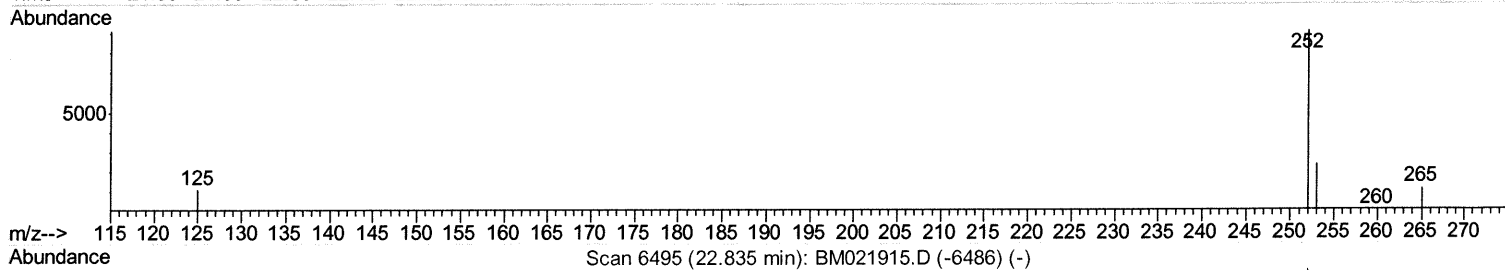
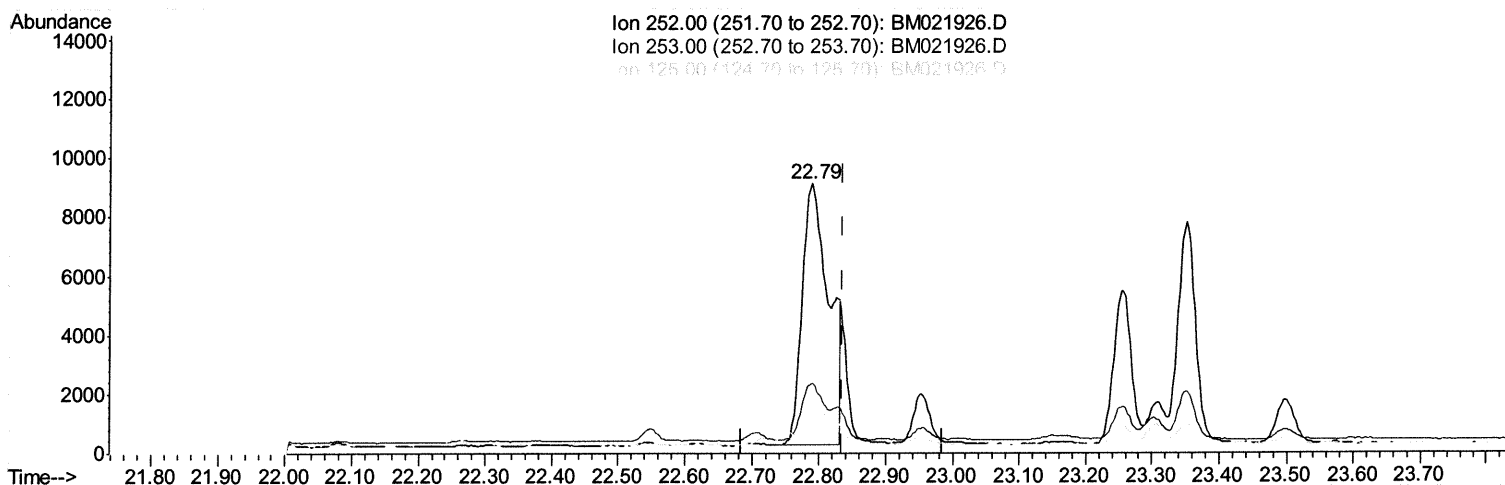
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.789min (-0.046) 1.54ng/ul

response 24115

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.01#
125.00	15.20	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

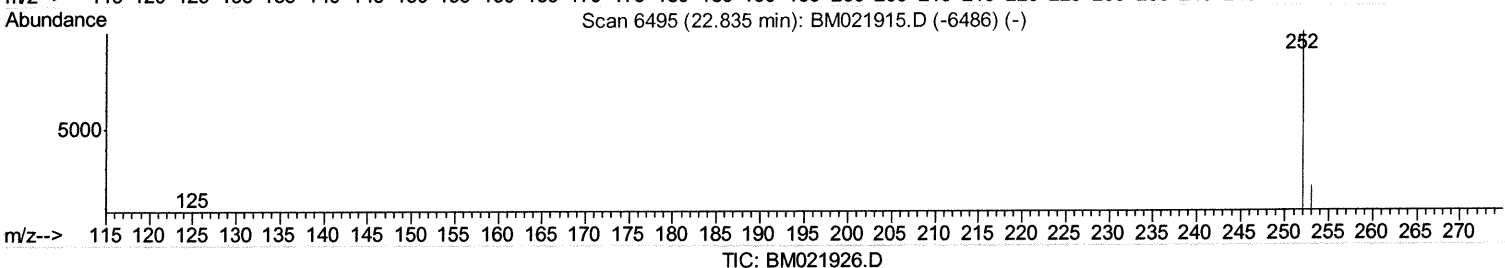
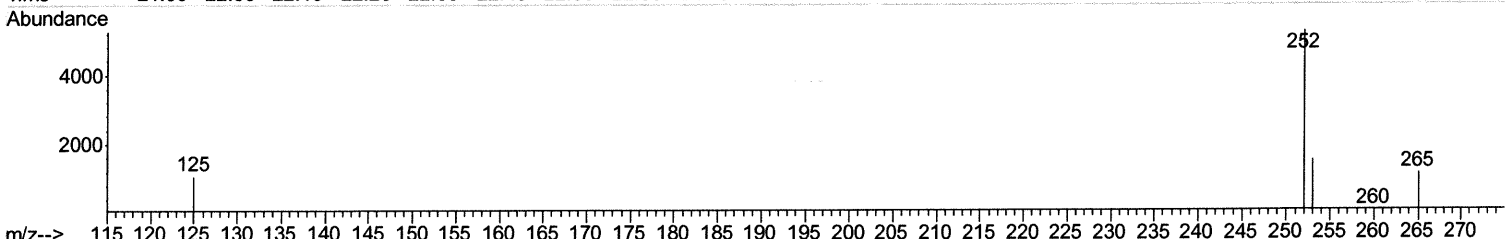
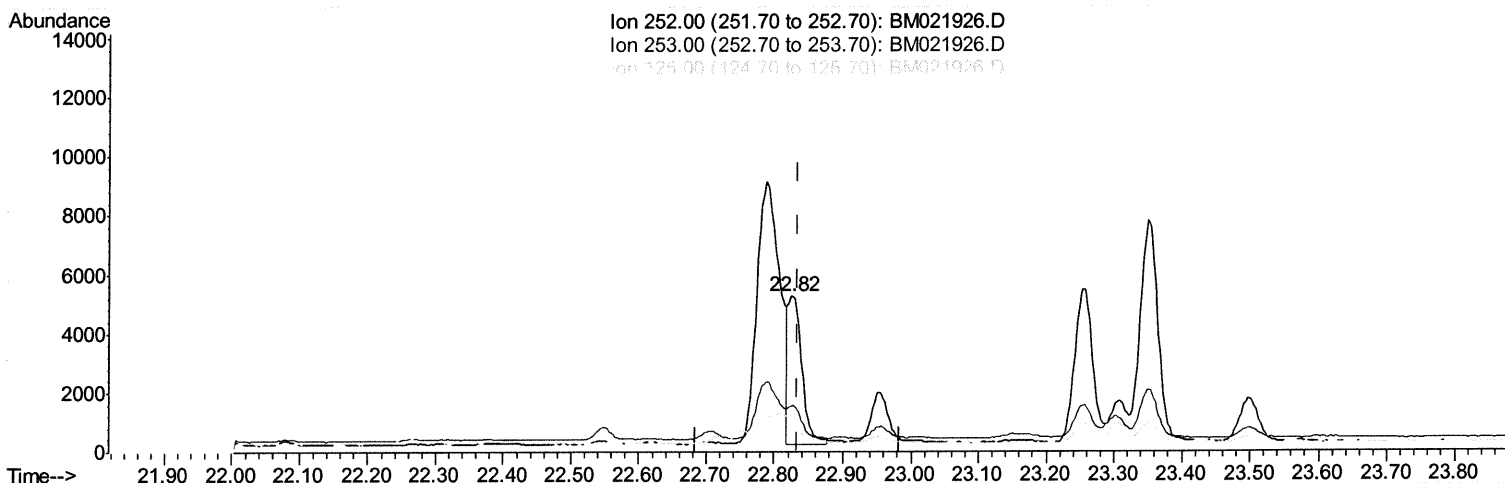
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.825min (-0.010) 0.45ng/ul m

response 6985

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.52
125.00	15.20	20.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

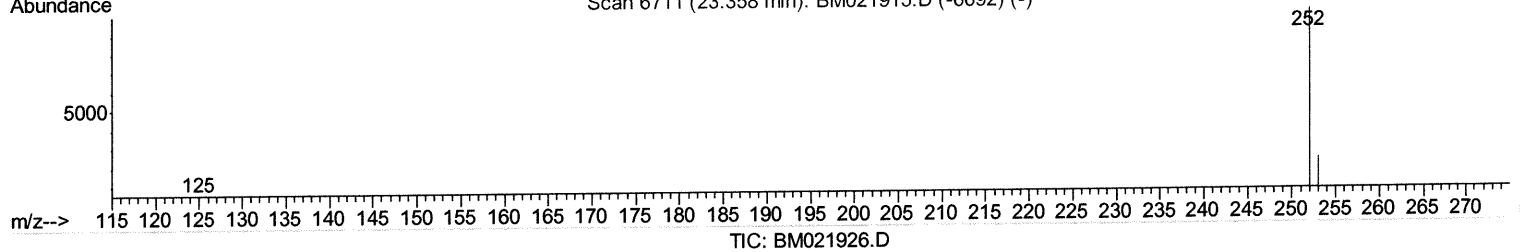
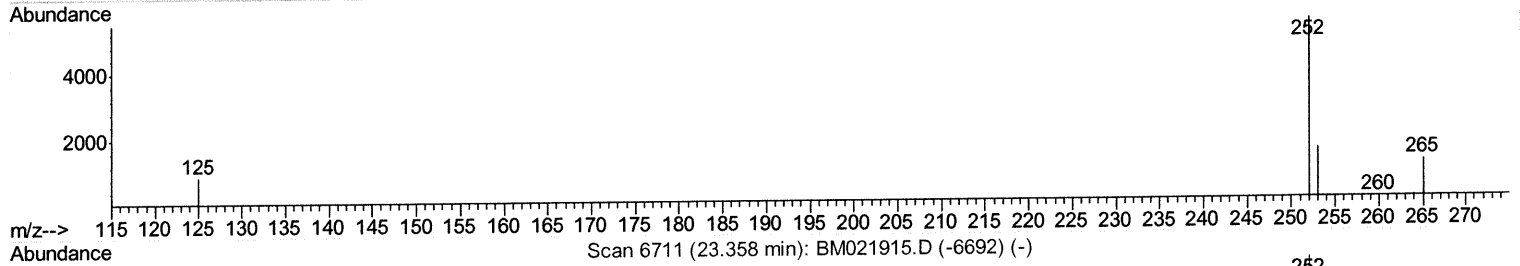
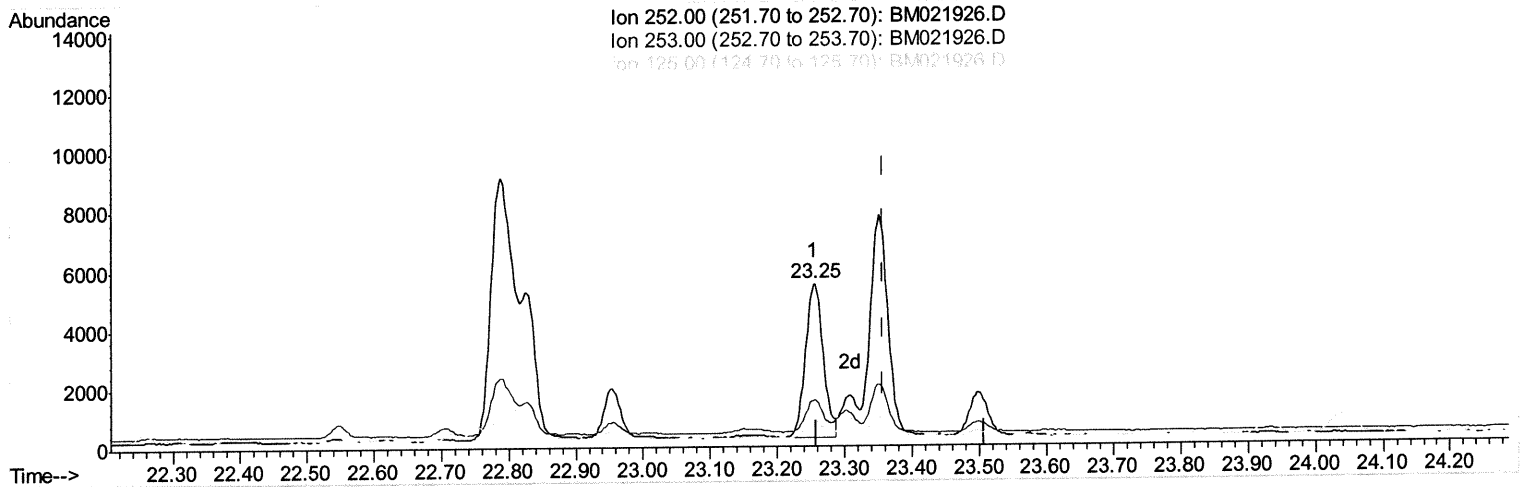
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 23.254min (-0.104) 0.69ng/ul
 response 9737

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	28.36#
125.00	18.20	16.15
0.00	0.00	0.00

Quantitation Report (Qedit)

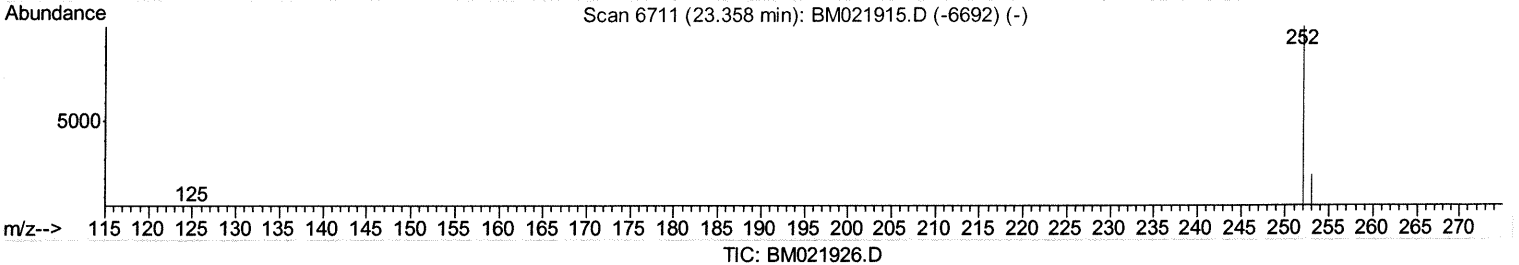
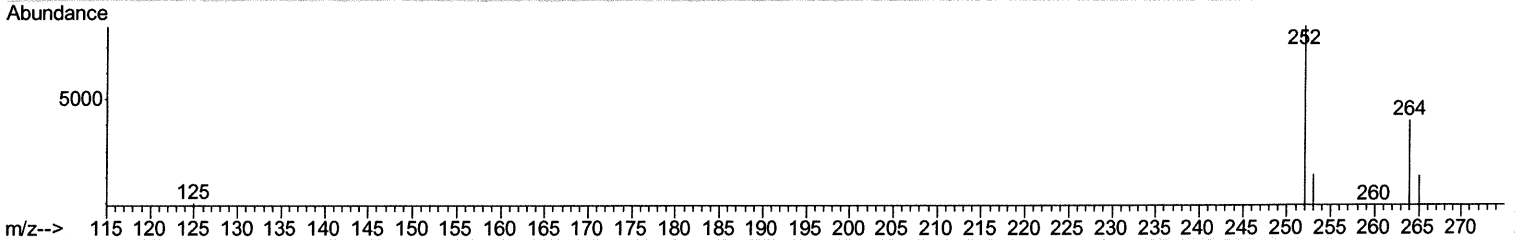
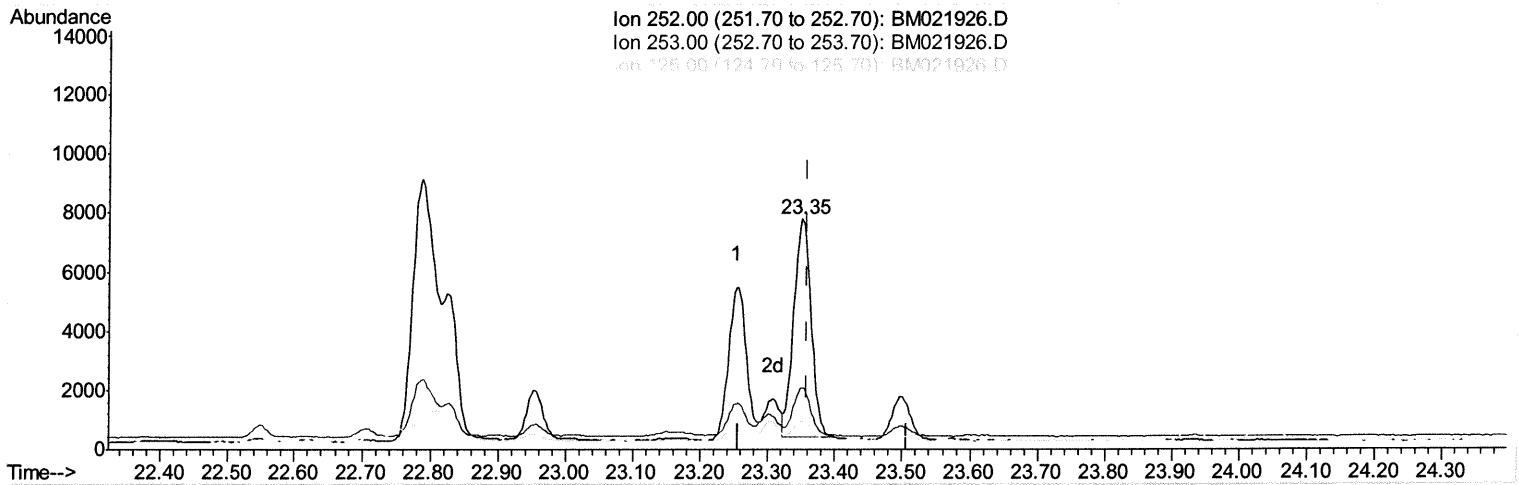
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.351min (-0.007) 0.94ng/ul m 08/08/19

response 13181

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	26.85#
125.00	18.20	12.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

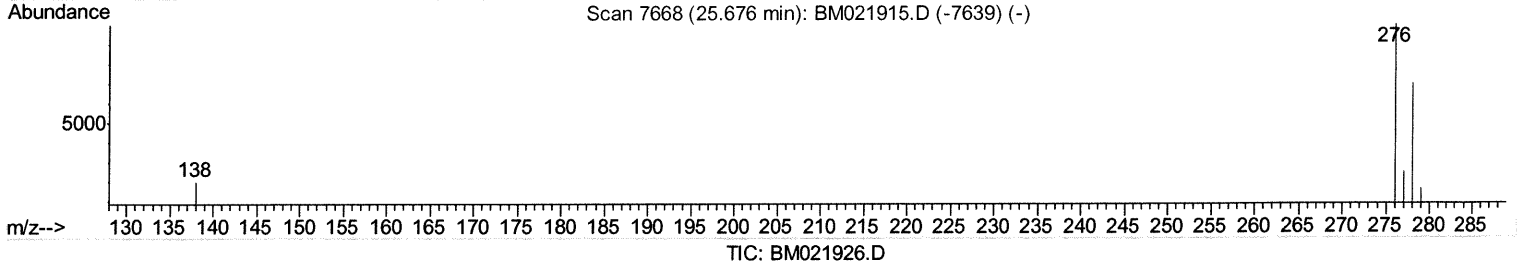
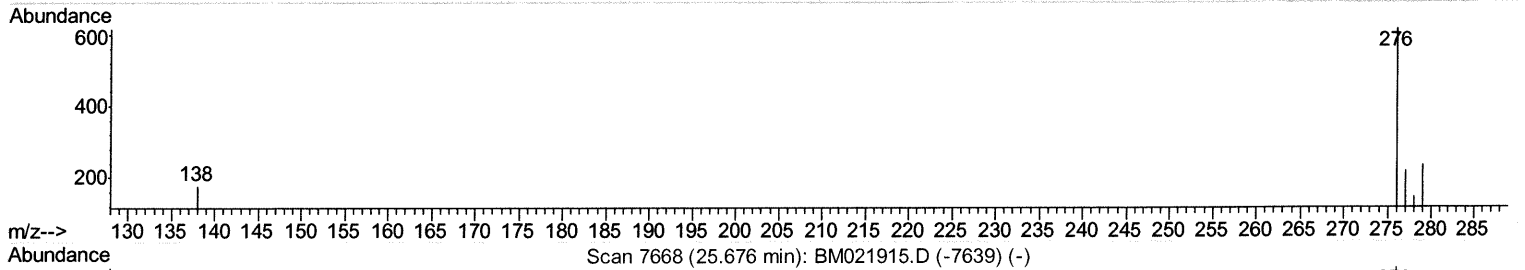
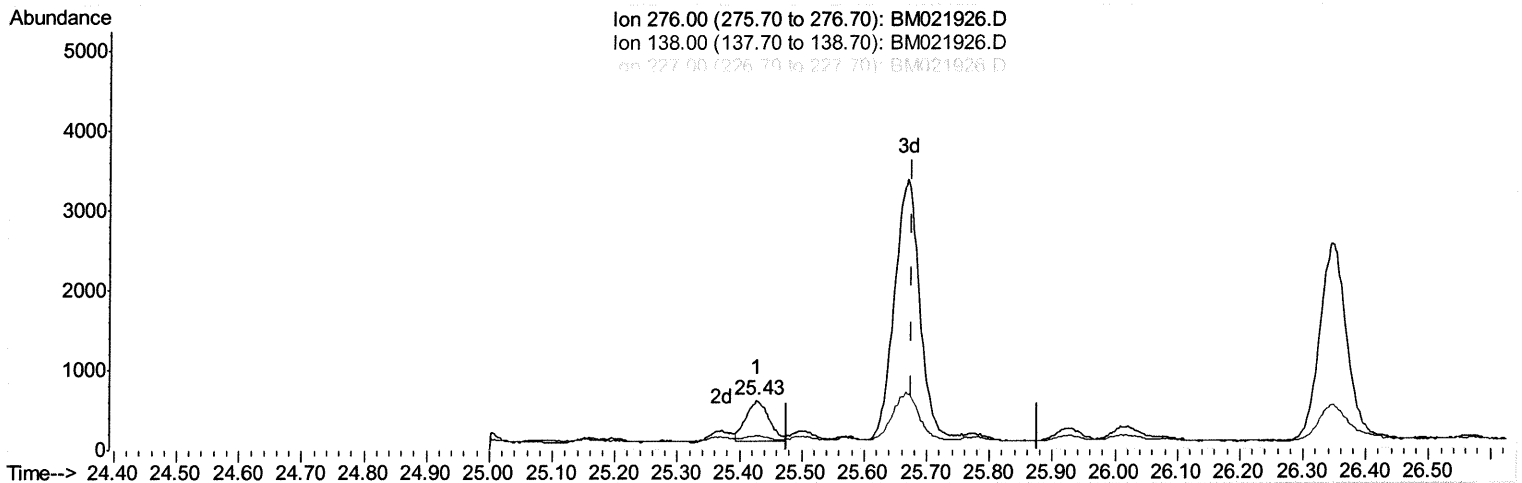
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

25.427min (-0.249) 0.08ng/ul

response 1294

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	12.29#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

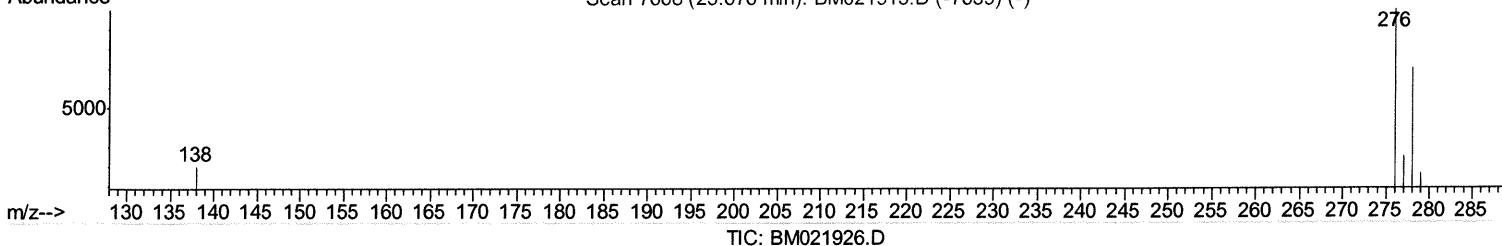
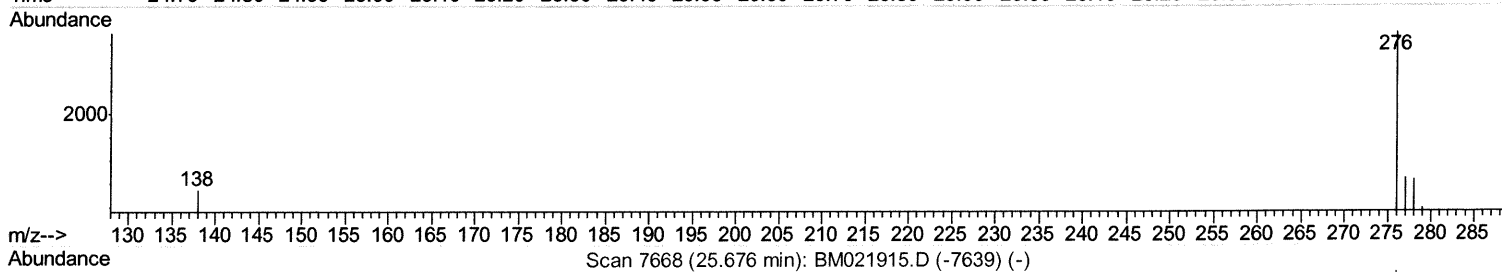
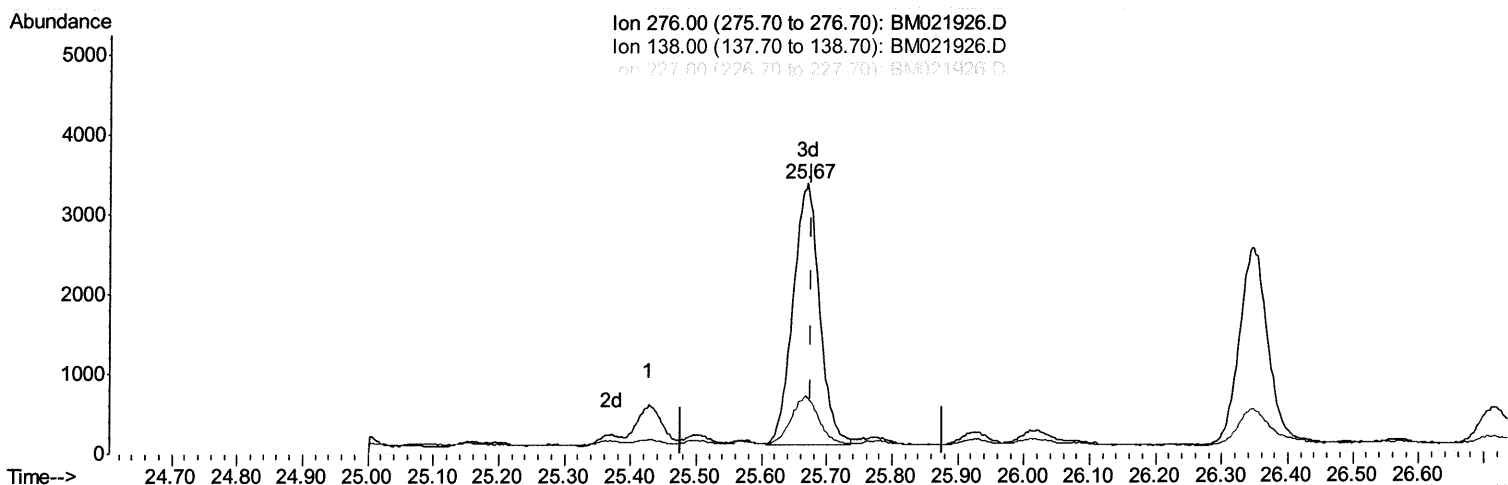
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

25.669min (-0.007) 0.55ng/ul m *JU 8/8/19*

response 9220

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.72#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

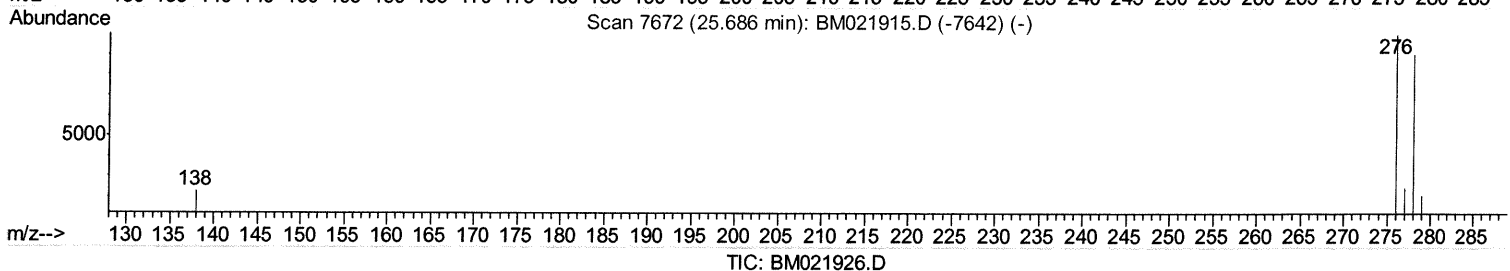
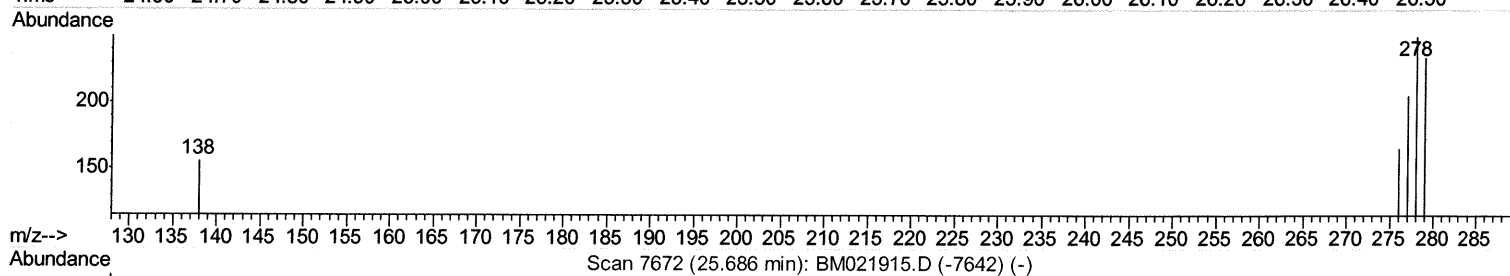
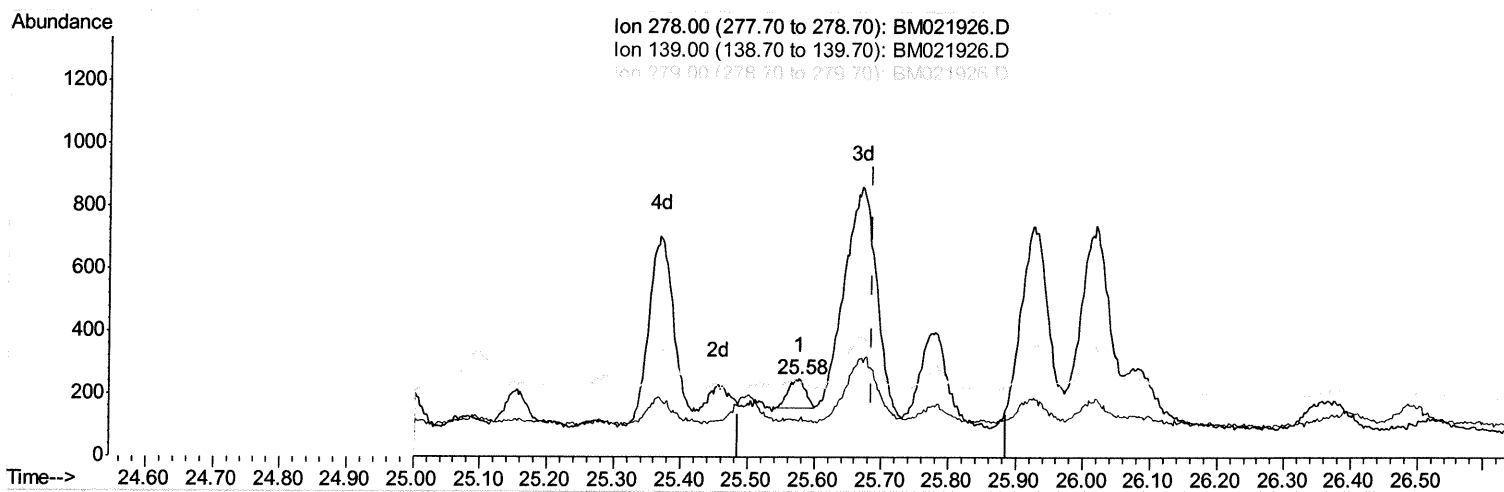
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021926.D
Acq On : 08 Aug 2019 10:41
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.577min (-0.109) 0.01ng/ul

response 169

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	46.00#
279.00	35.40	93.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

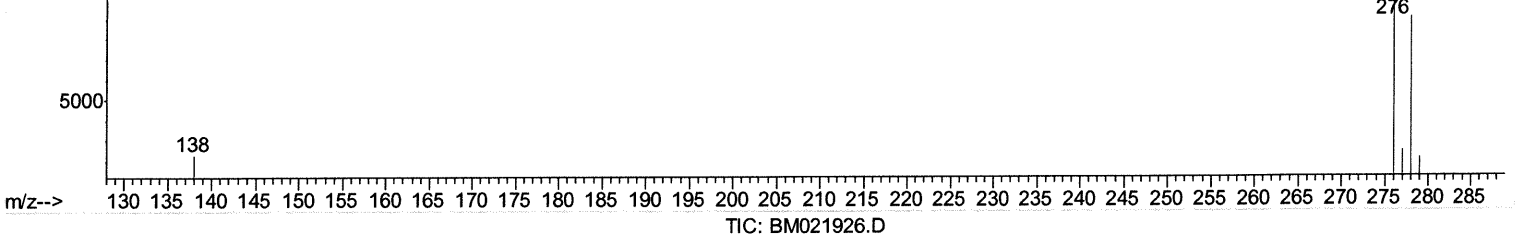
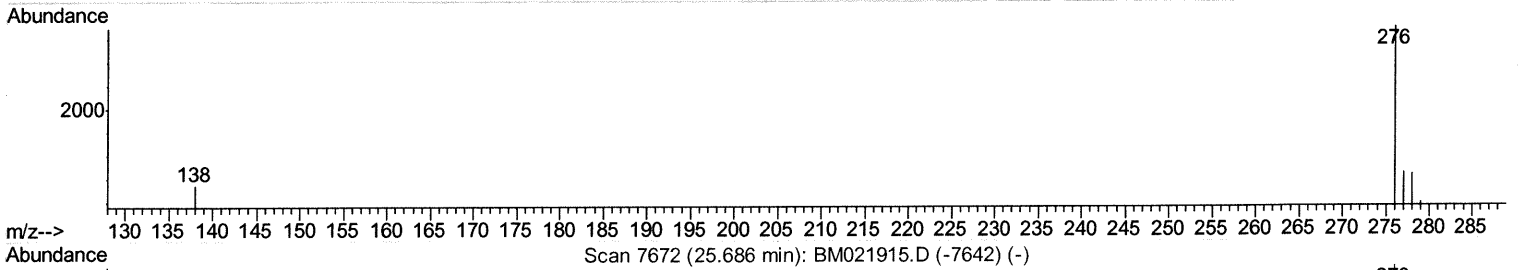
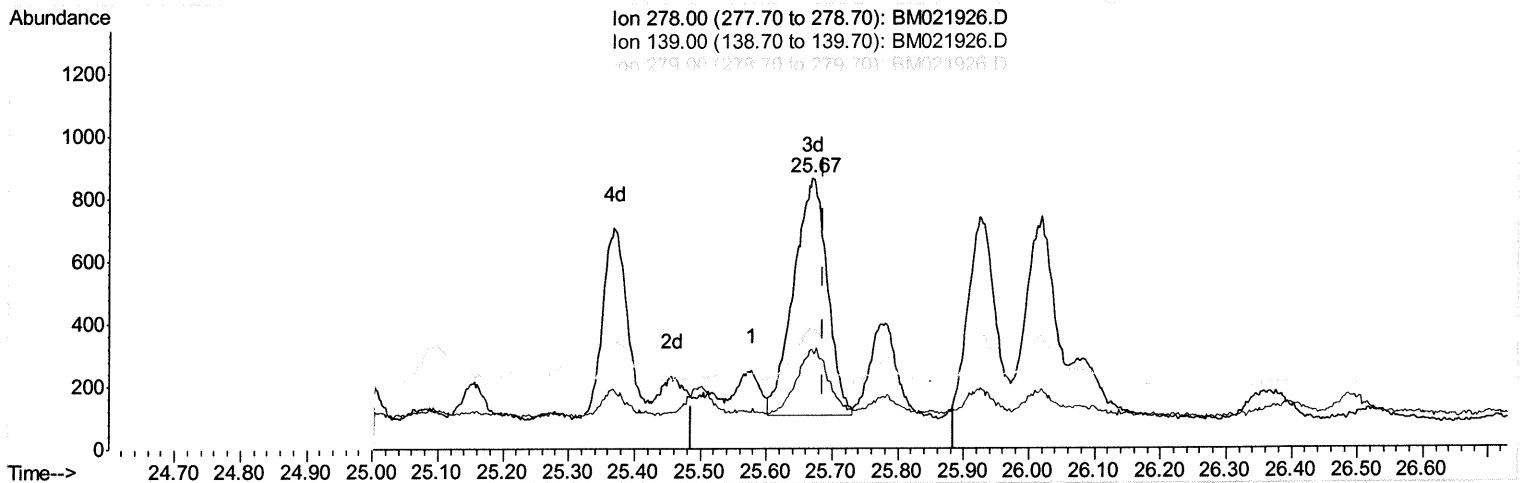
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.669min (-0.017) 0.20ng/ul m *JU 8/10/19*

response 2699

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	36.77#
279.00	35.40	44.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

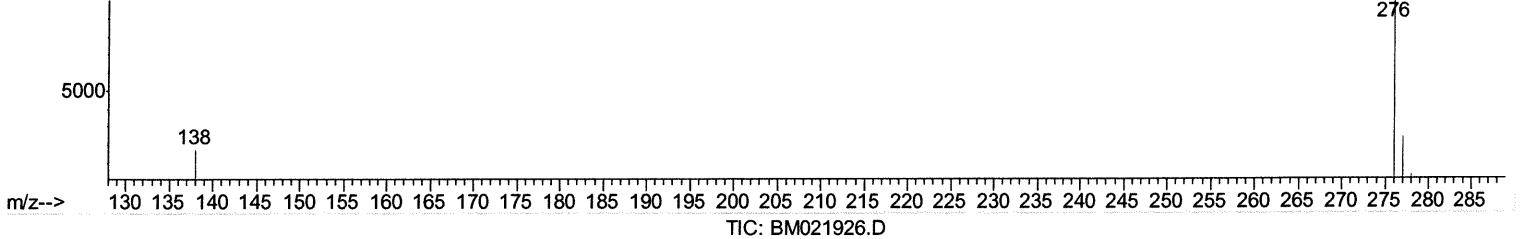
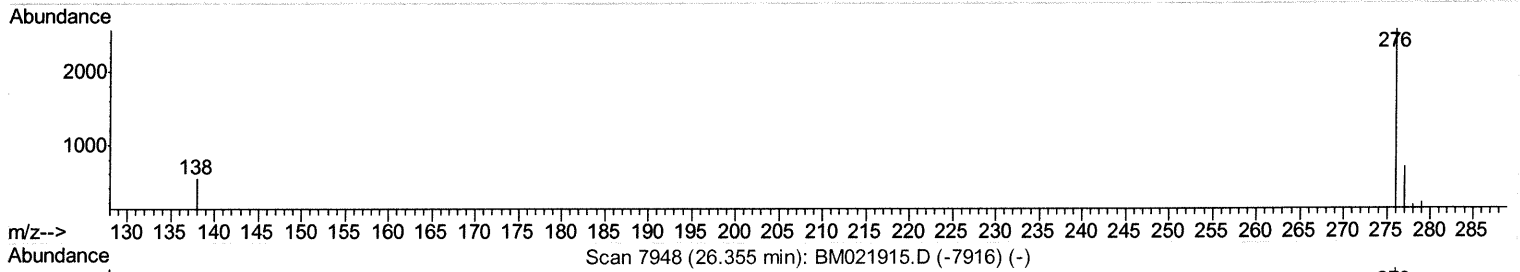
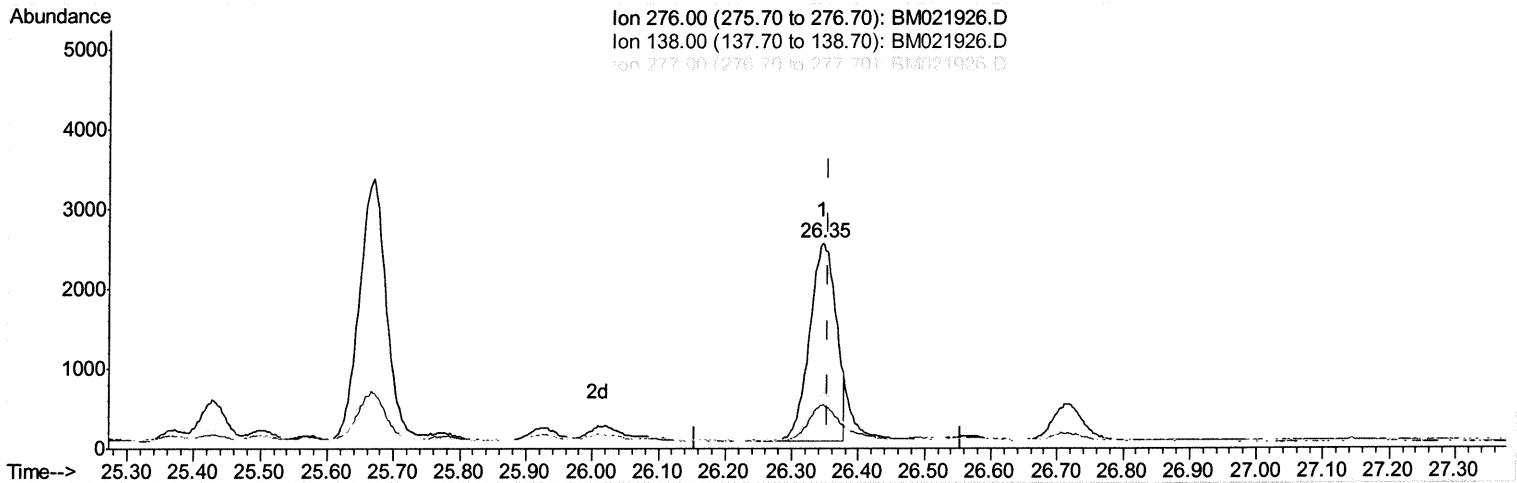
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
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mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

26.345min (-0.010) 0.45ng/ul

response 6792

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.78
277.00	26.80	26.89
0.00	0.00	0.00

Quantitation Report (Qedit)

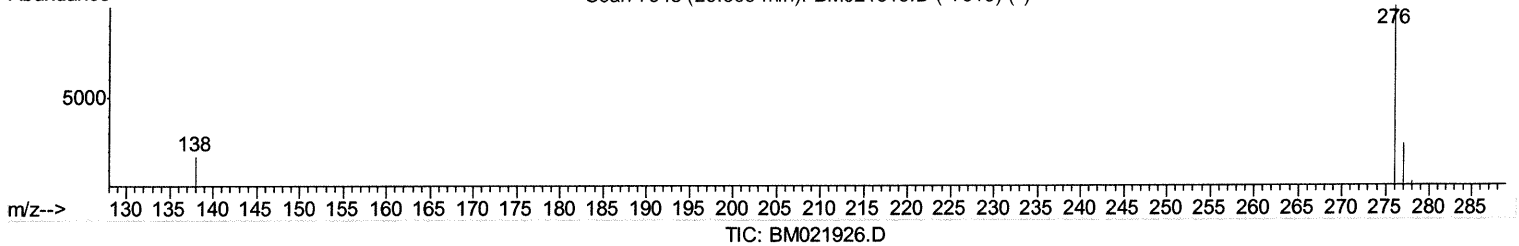
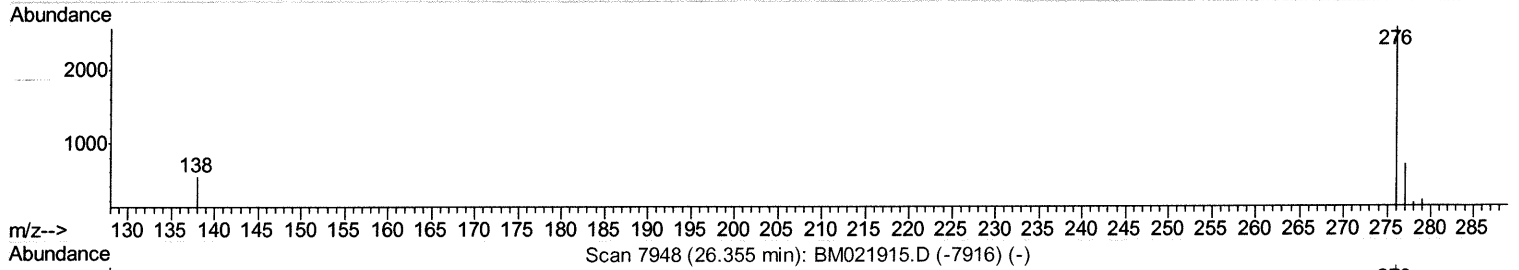
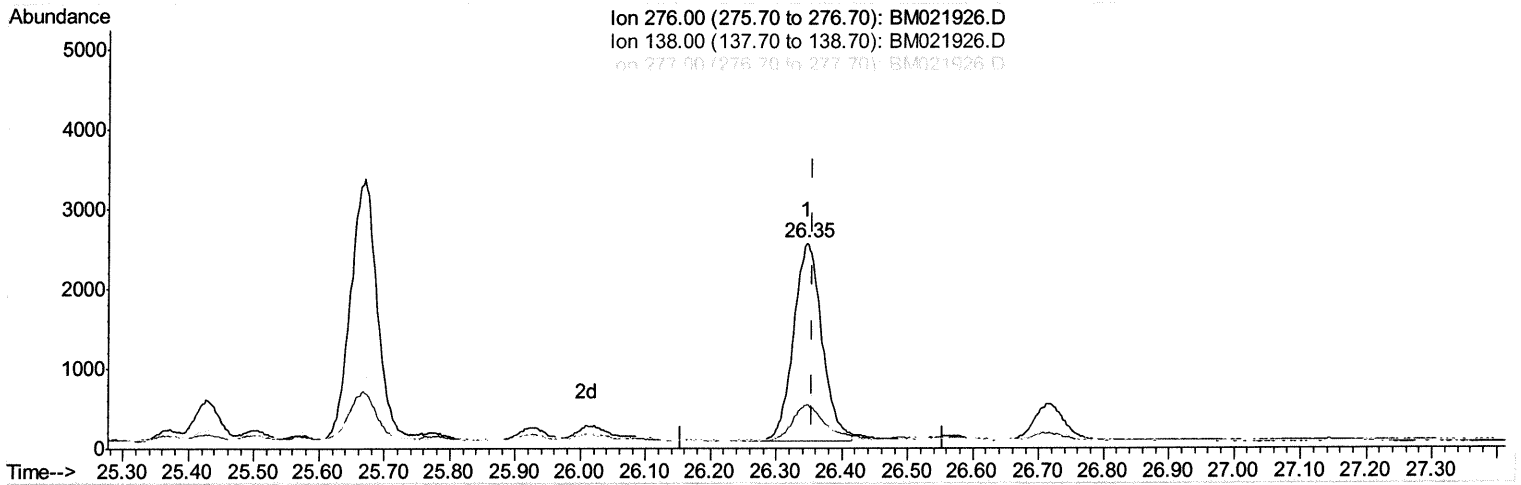
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:11:29 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

26.345min (-0.010) 0.49ng/ul m

response 7473

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.78
277.00	26.80	26.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021926.D
 Acq On : 08 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4029-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:11 AM

Quant Time: Aug 08 14:14:16 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3553	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1988	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4668m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4550m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4096m →	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2543	0.43	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	6726m	0.43	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	584	0.058	ng/ul#	79
5) 2-Methylnaphthalene	12.08	142	339	0.051	ng/ul	96
7) Acenaphthylene	14.00	152	1388	0.150	ng/ul#	73
8) Acenaphthene	14.34	153	326	0.043	ng/ul	93
9) Fluorene	15.33	166	433	0.051	ng/ul#	93
12) Phenanthrene	17.07	178	8963	0.660	ng/ul	97
13) Anthracene	17.16	178	2770m →	0.239	ng/ul	97
15) Fluoranthene	19.10	202	23399m →	1.286	ng/ul	97
17) Pyrene	19.46	202	23144	1.238	ng/ul	98
18) Benzo(a)anthracene	21.22	228	13252	0.814	ng/ul	99
19) Chrysene	21.27	228	15589	0.745	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	20662m →	1.496	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	6985m →	0.447	ng/ul	99
23) Benzo(a)pyrene	23.35	252	13181m →	0.938	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.67	276	9220m →	0.550	ng/ul	99
25) Dibenzo(a,h)anthracene	25.67	278	2699m →	0.199	ng/ul	99
26) Benzo(g,h,i)perylene	26.35	276	7473m →	0.495	ng/ul	99

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