

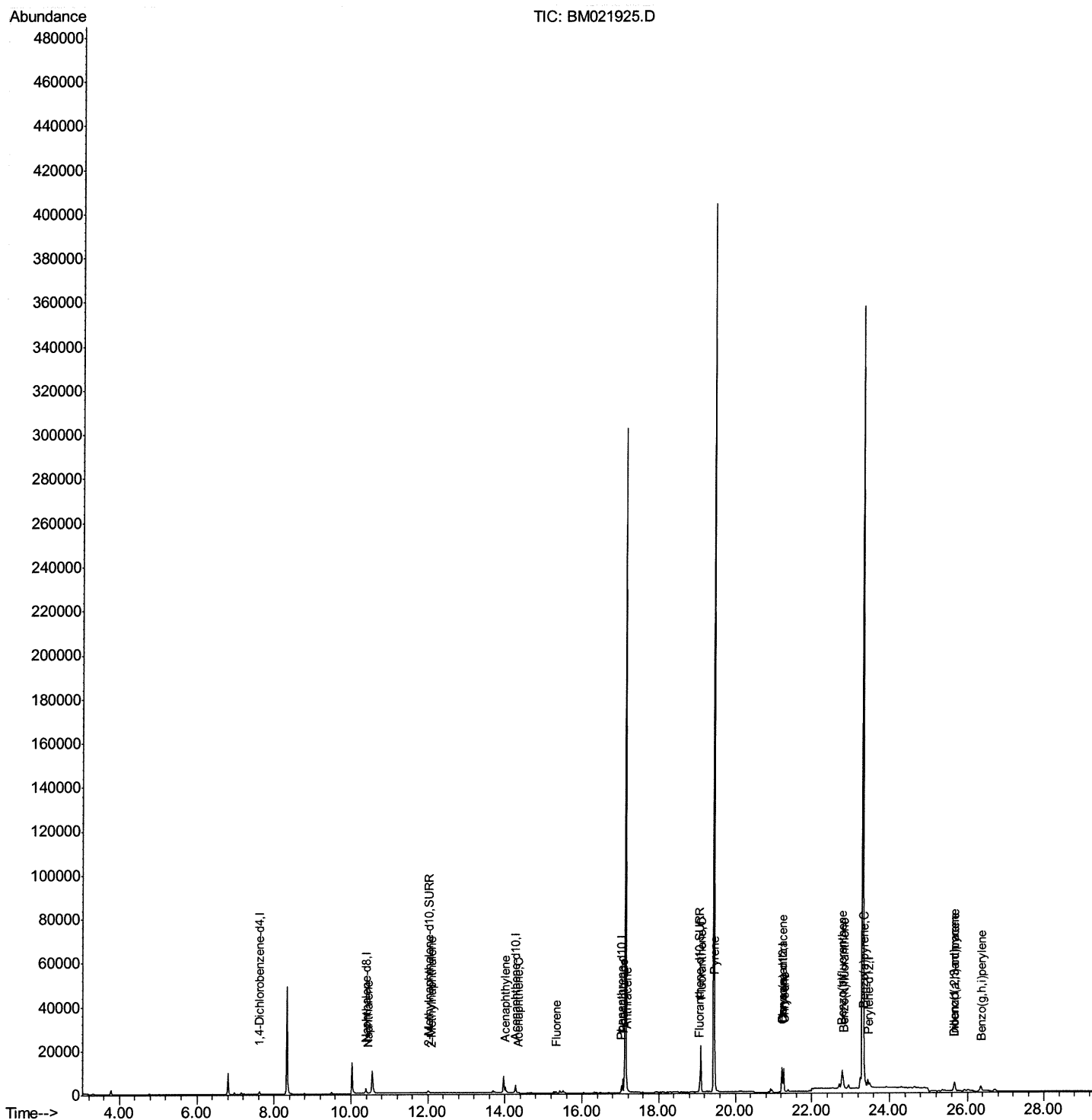
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021925.D
Acq On : 08 Aug 2019 10:05
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:27:40 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)

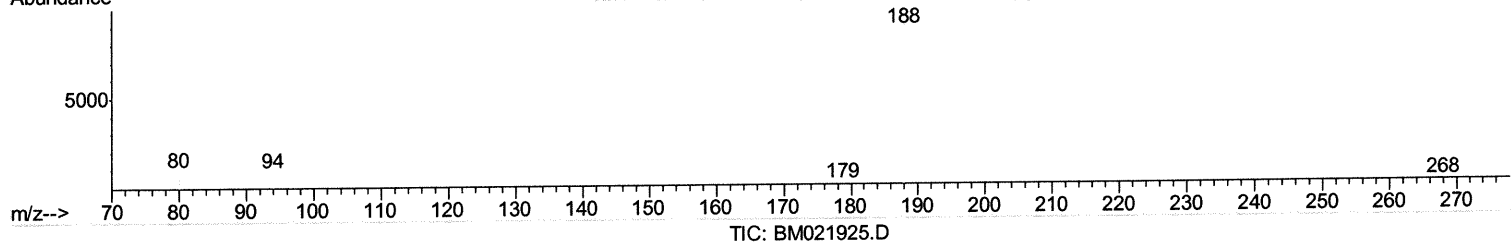
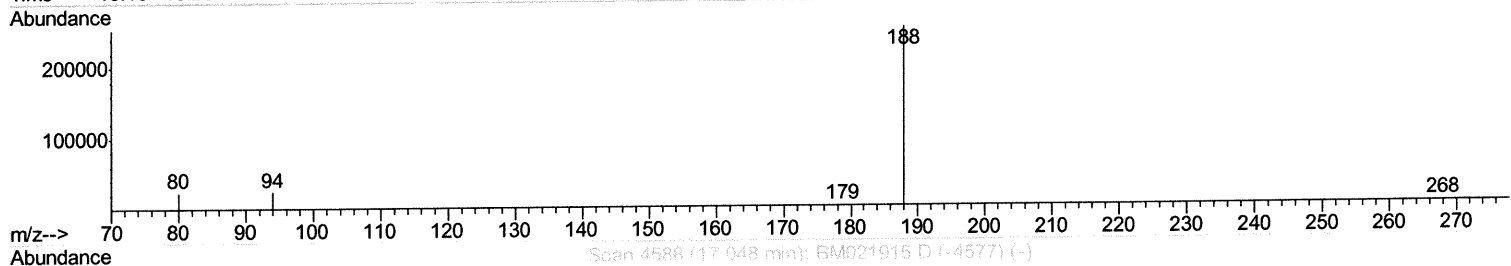
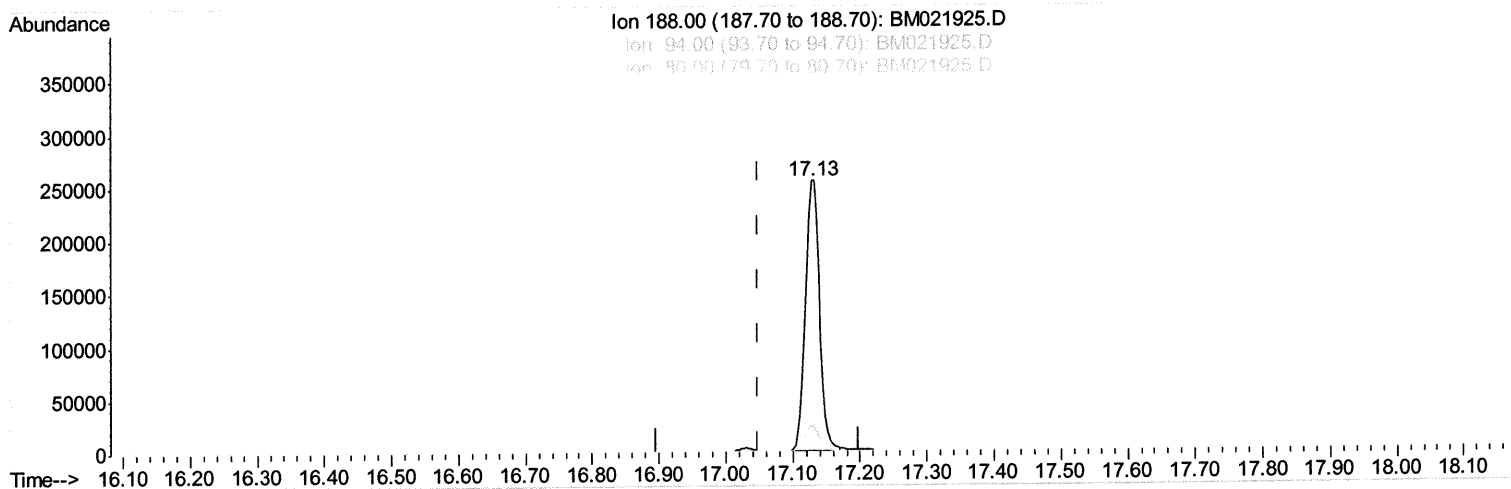
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 12:37:32 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 365977

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.59
80.00	11.40	9.12
0.00	0.00	0.00

Quantitation Report (Qedit)

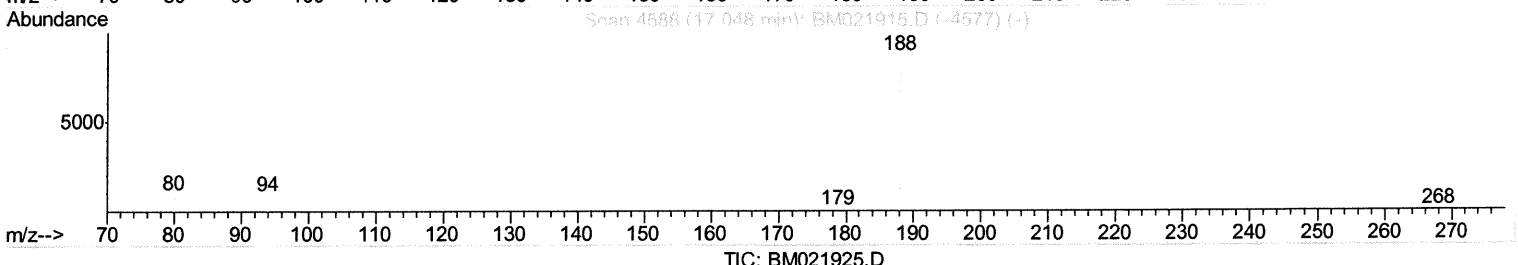
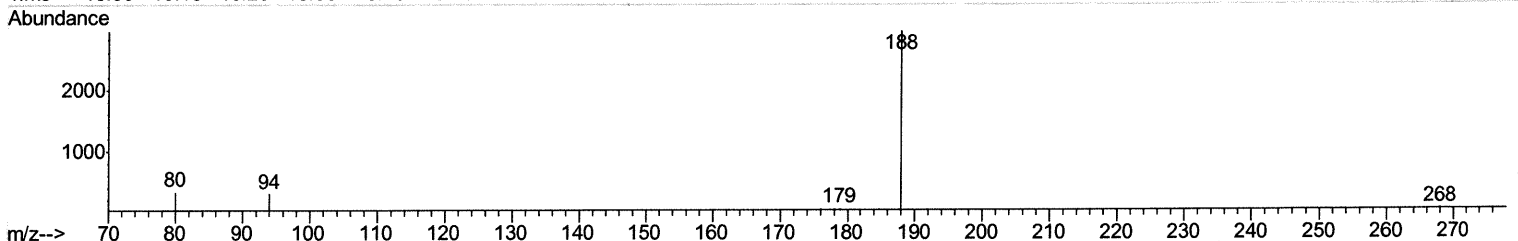
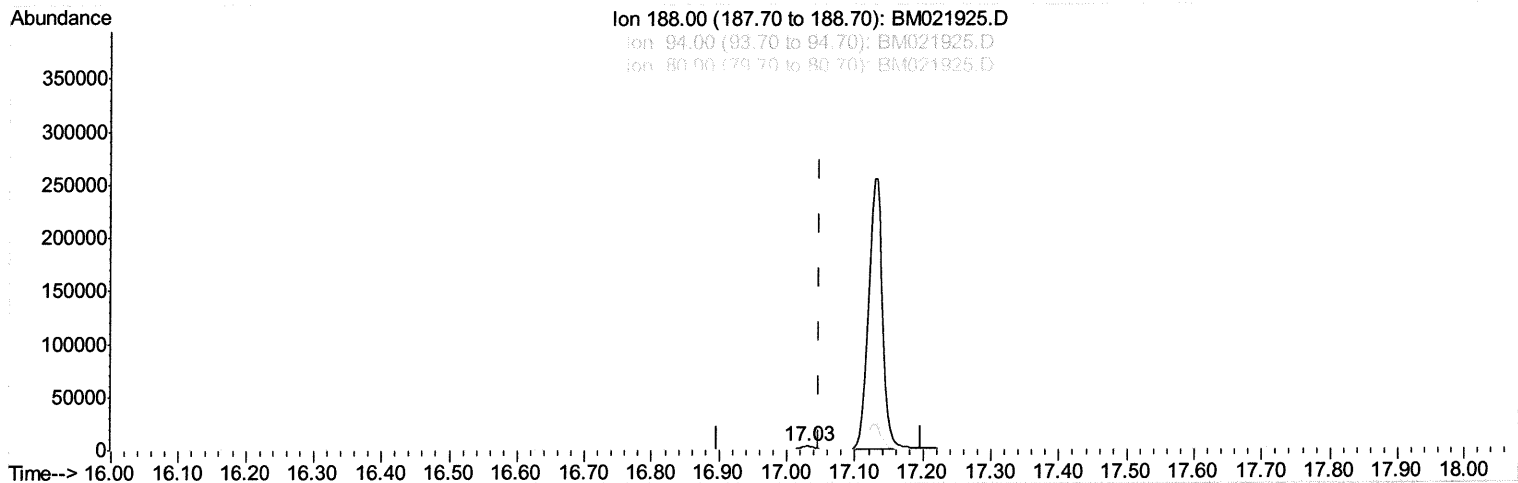
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 12:37:32 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)

17.030min (-0.017) 0.40ng/ul m *JU 8/8/19*

response 4256

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.86
80.00	11.40	11.88
0.00	0.00	0.00

Quantitation Report (Qedit)

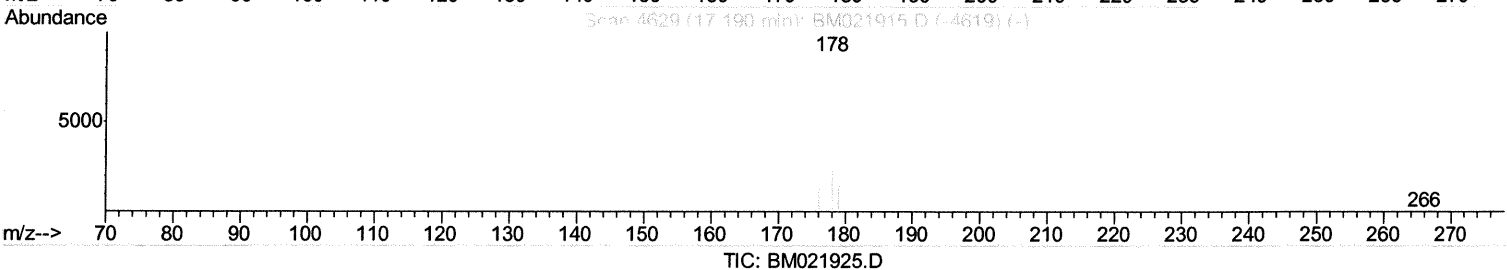
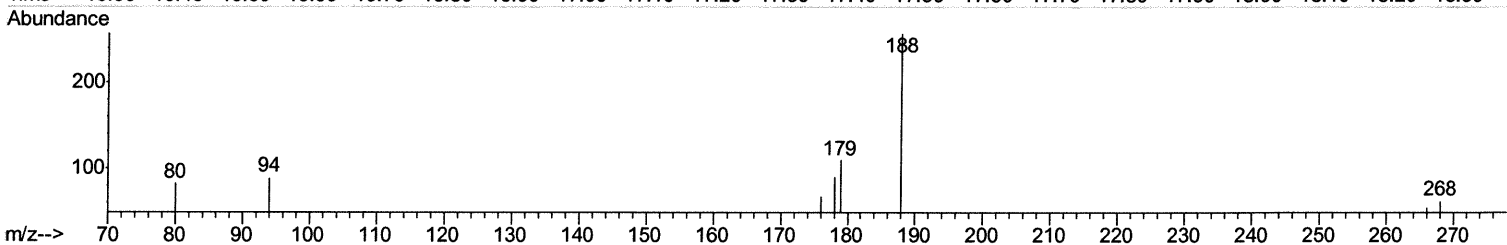
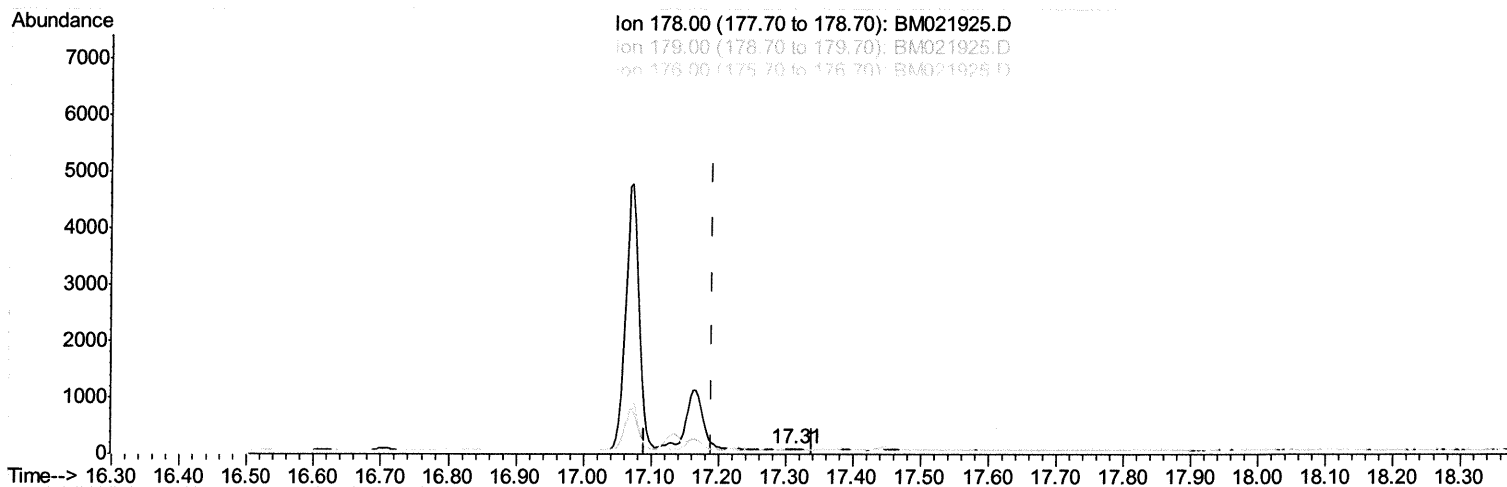
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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

17.312min (+0.122) 0.00ng/ul

response 44

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	120.88#
176.00	20.80	74.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

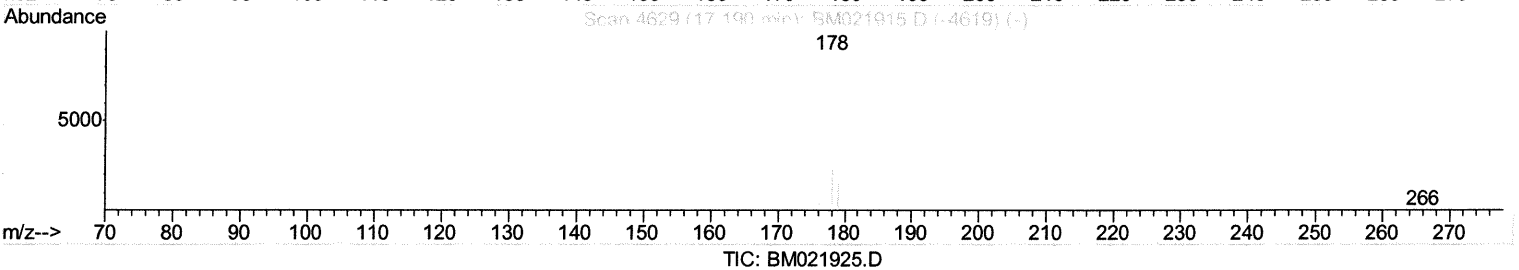
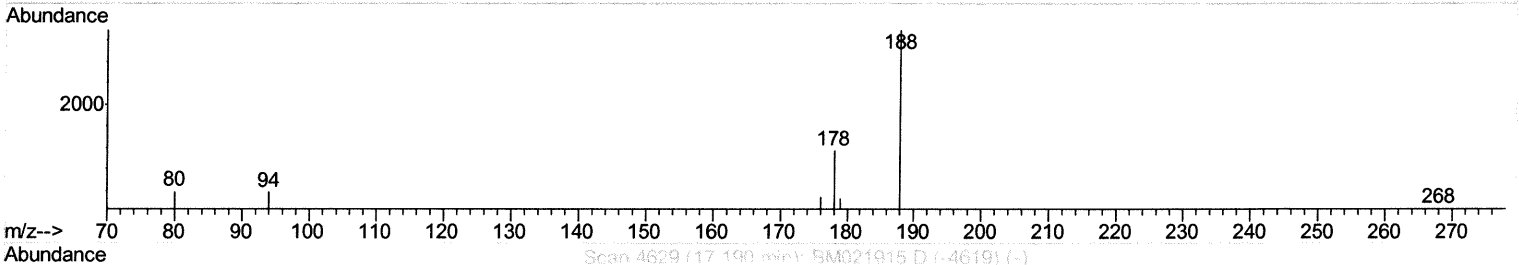
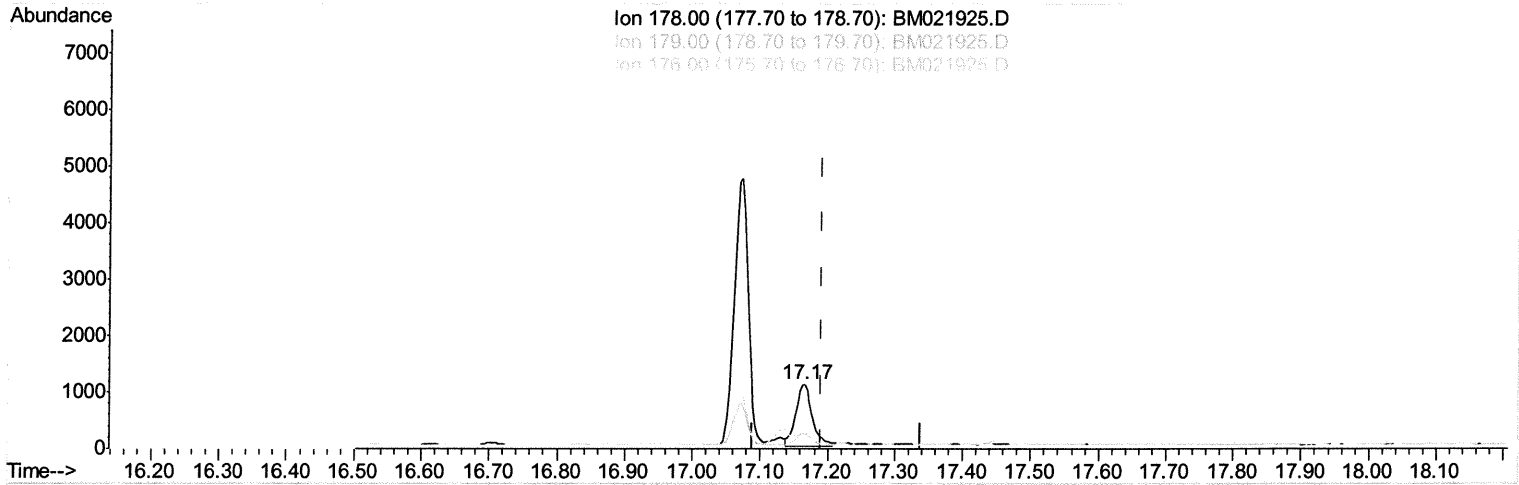
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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

17.166min (-0.024) 0.17ng/ul m *Ju* 08/08/19

response 1824

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	22.65
176.00	20.80	23.35
0.00	0.00	0.00

Quantitation Report (Qedit)

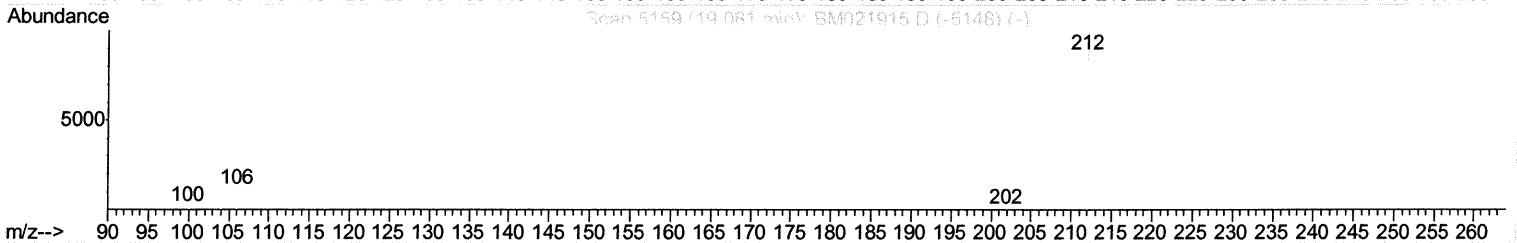
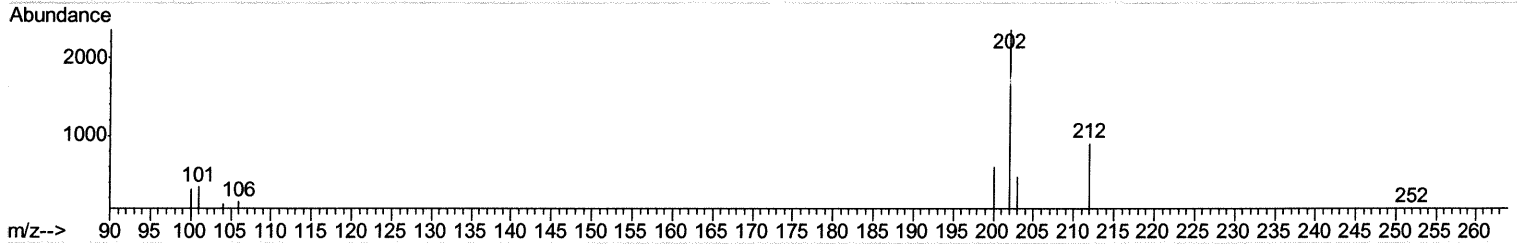
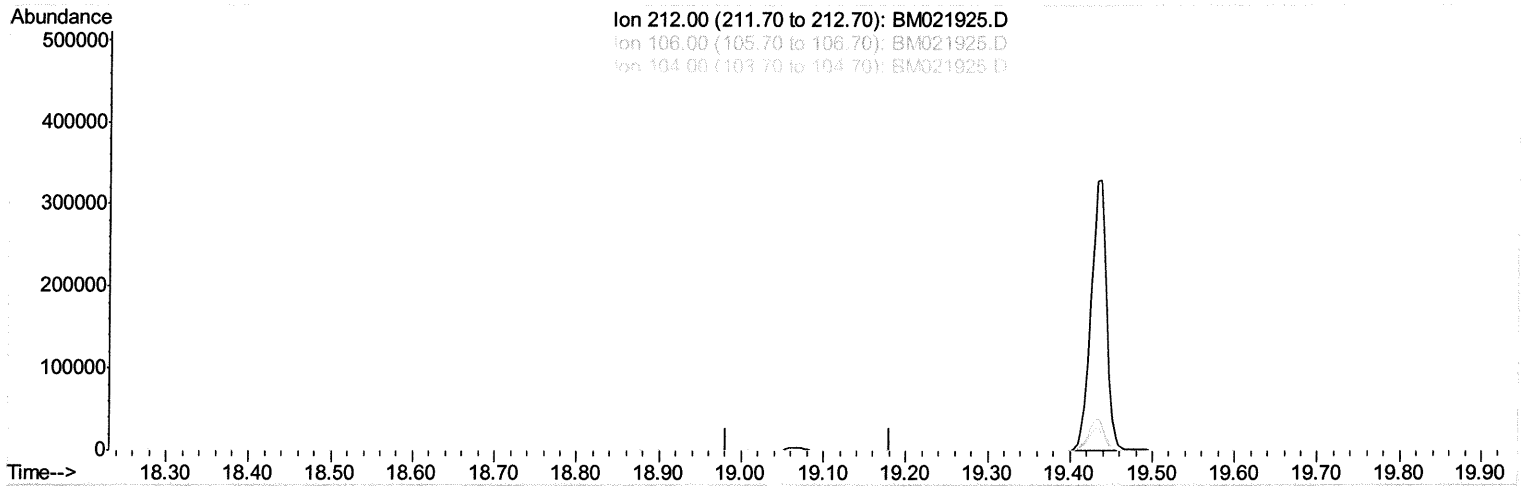
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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



TIC: BM021925.D

(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)

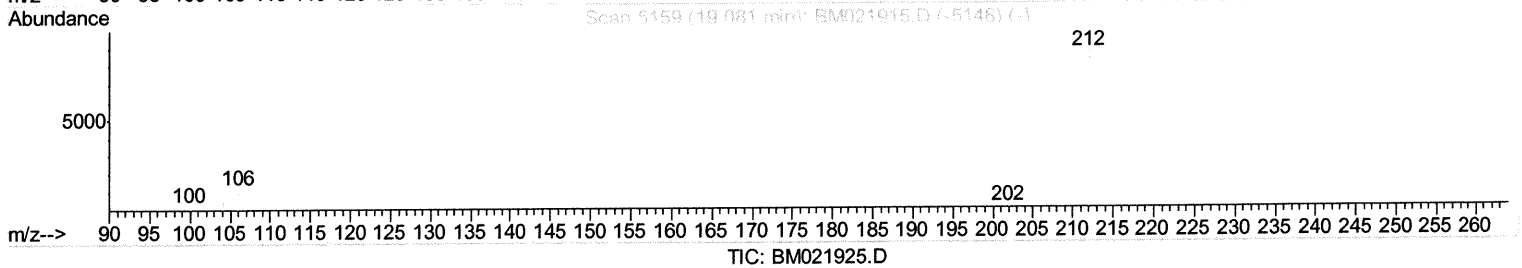
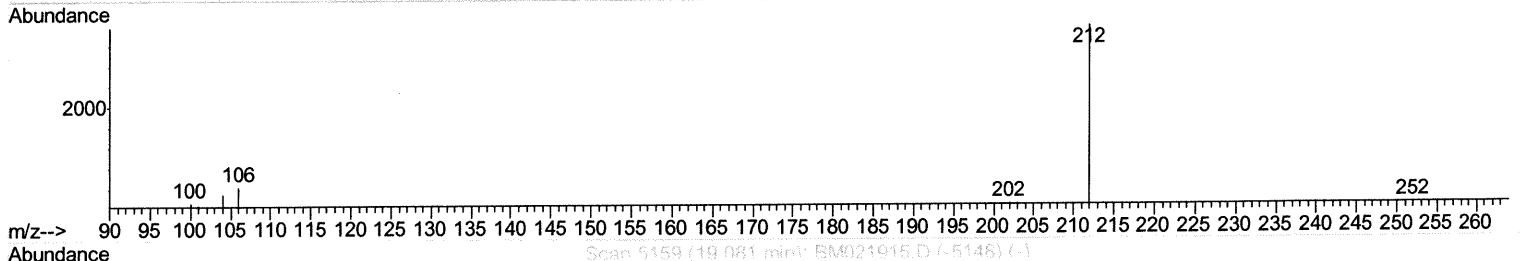
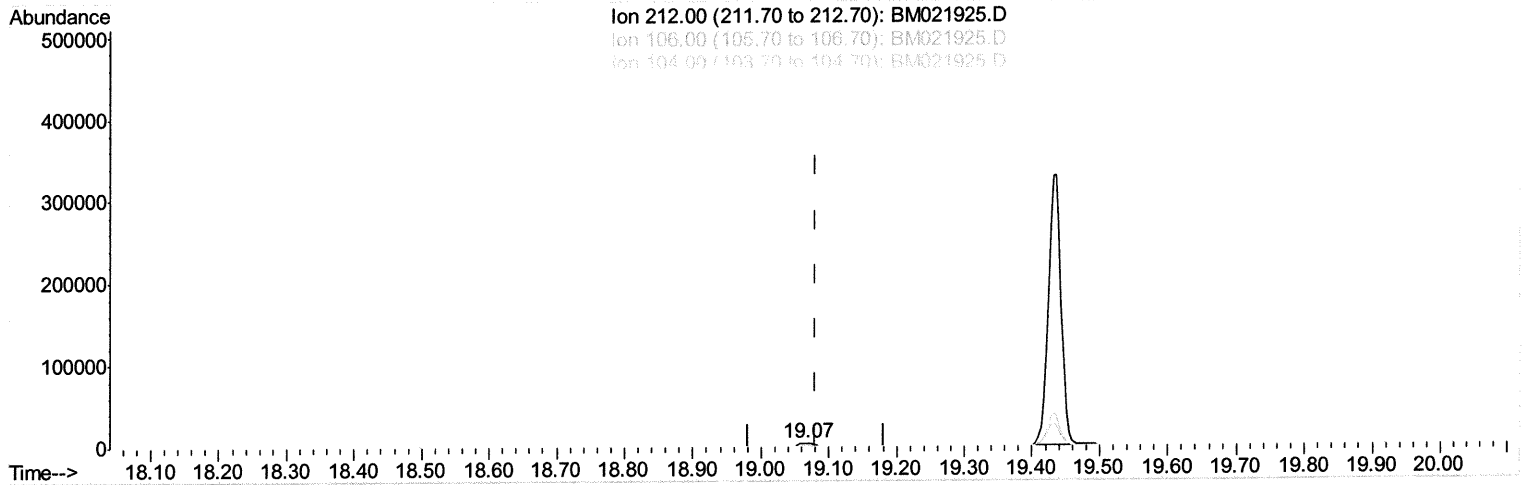
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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) 0.34ng/ul m

JG
 8/8/19

response 4848

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)

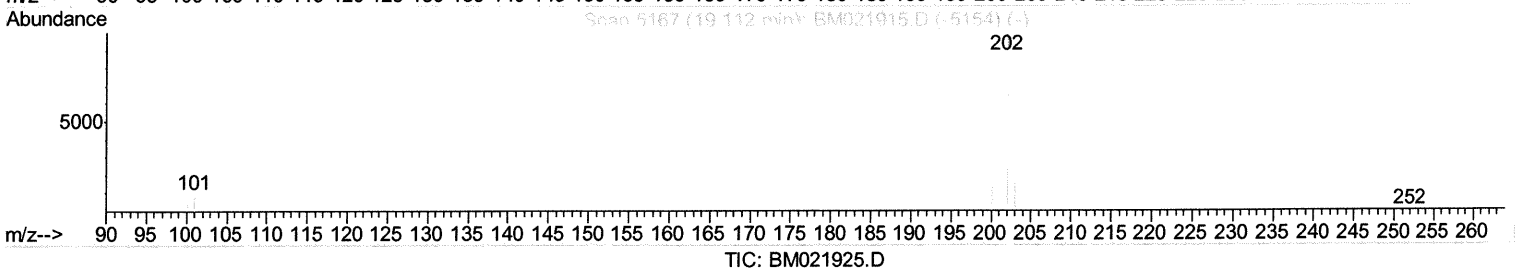
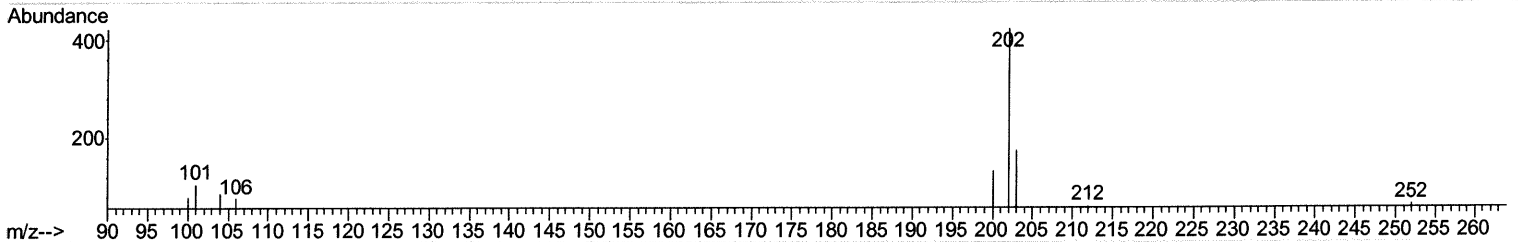
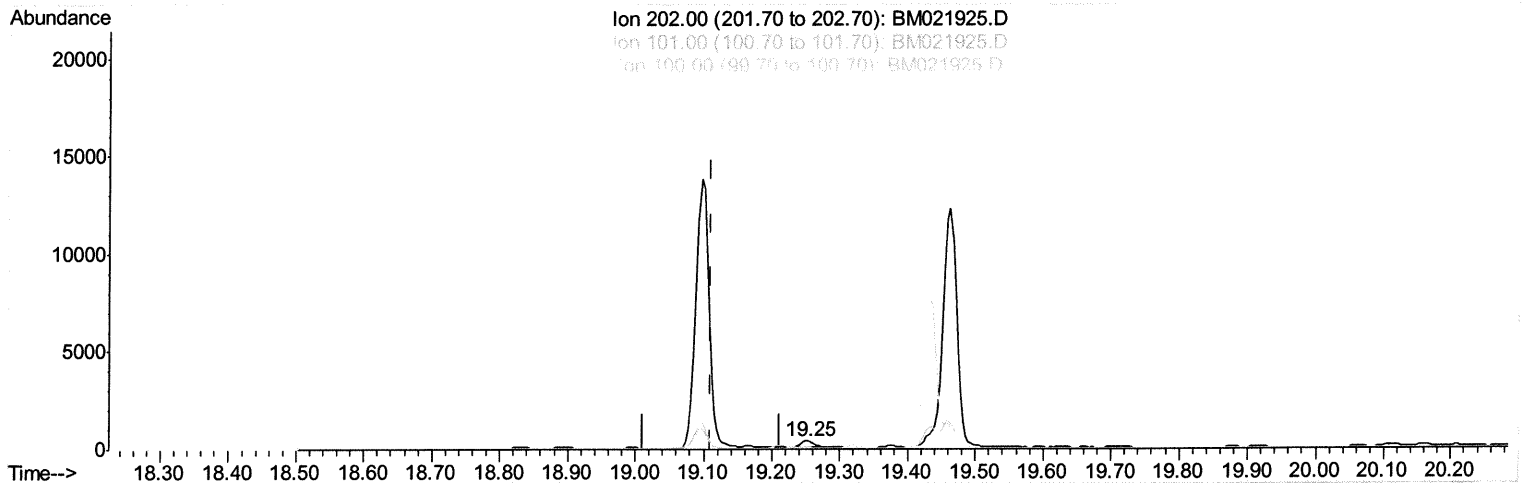
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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)

19.253min (+0.141) 0.03ng/ul

response 459

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	25.06
100.00	8.10	18.91
0.00	0.00	0.00

Quantitation Report (Qedit)

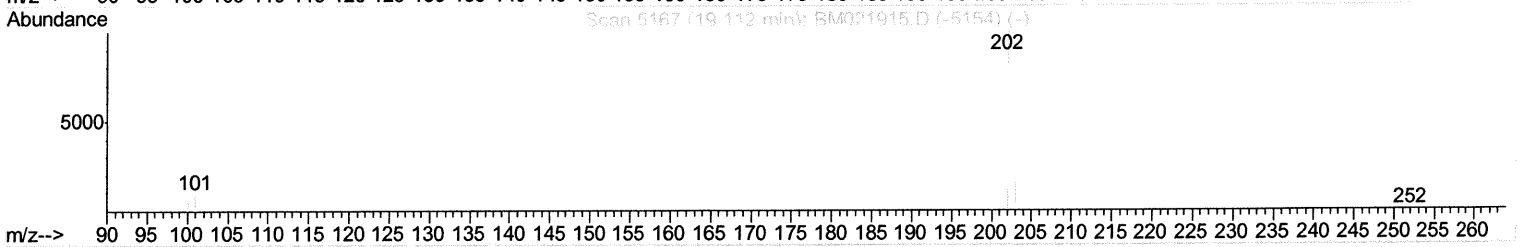
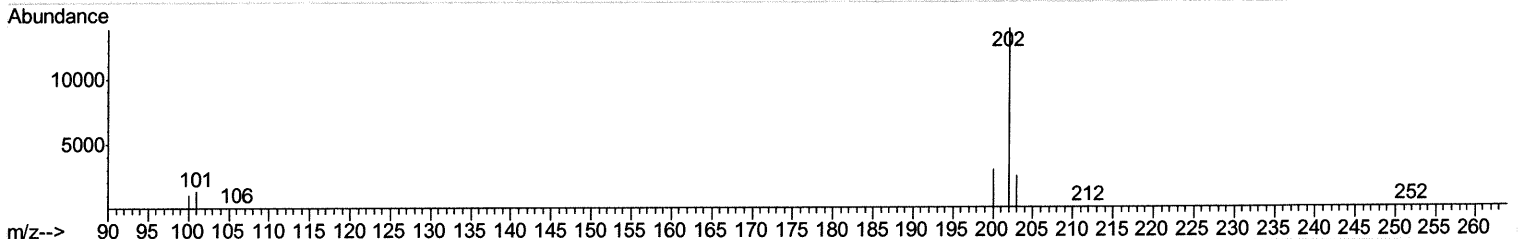
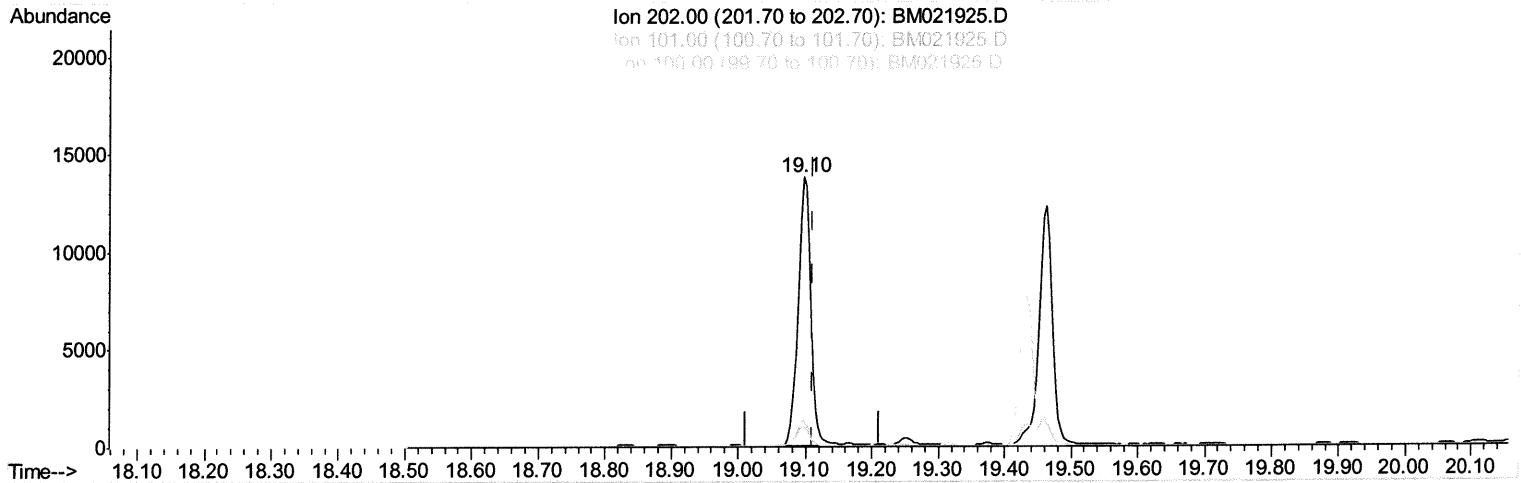
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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



TIC: BM021925.D

(15) Fluoranthene (C)

19.096min (-0.015) 1.11ng/ul m *JU 08/08/19*

response 18475

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.95
100.00	8.10	7.83
0.00	0.00	0.00

Quantitation Report (Qedit)

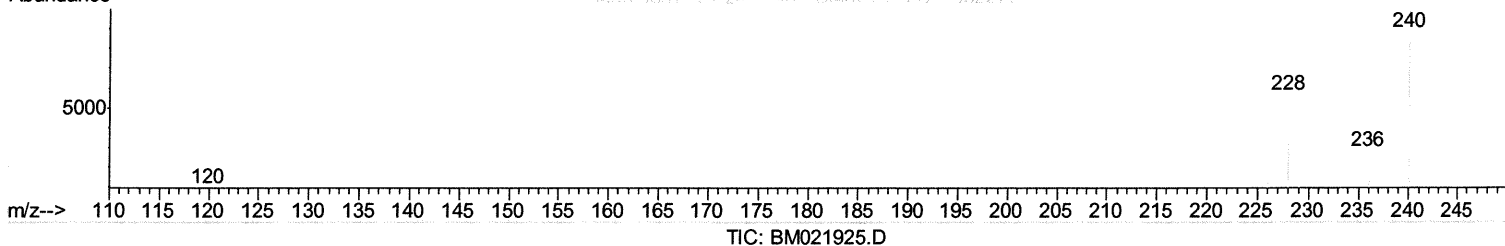
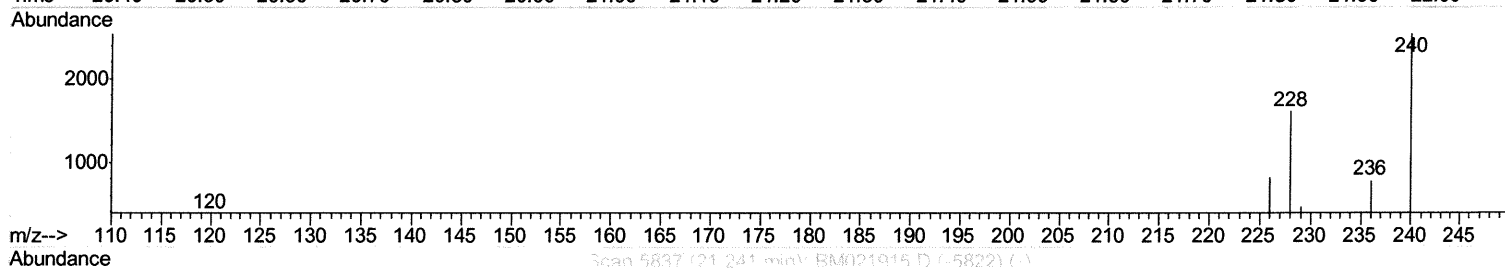
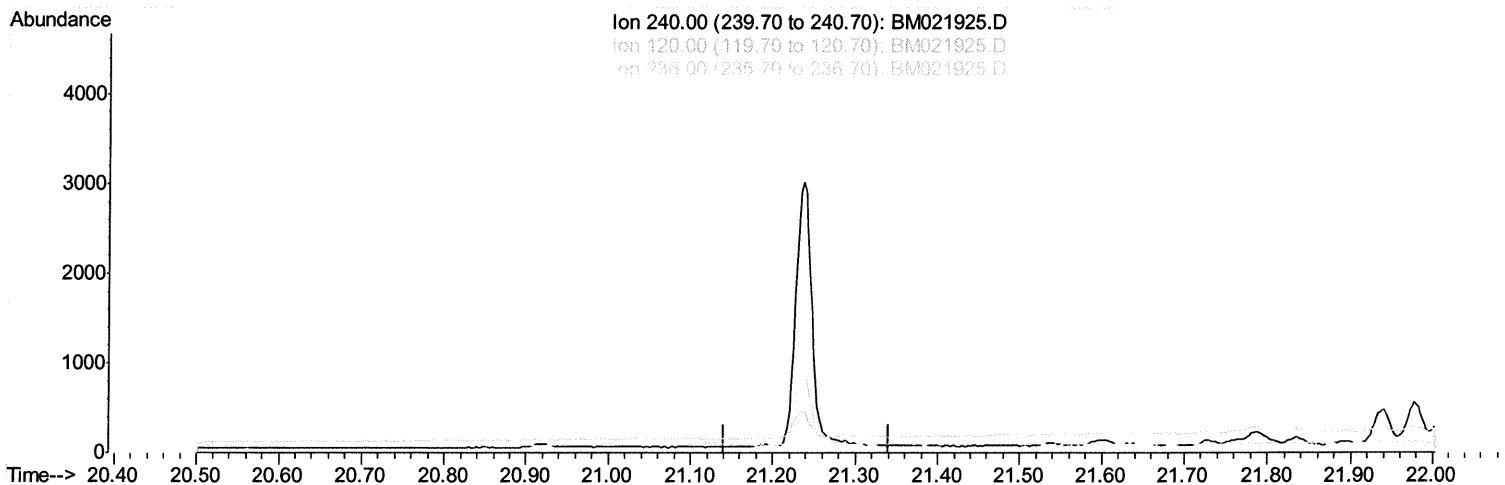
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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)

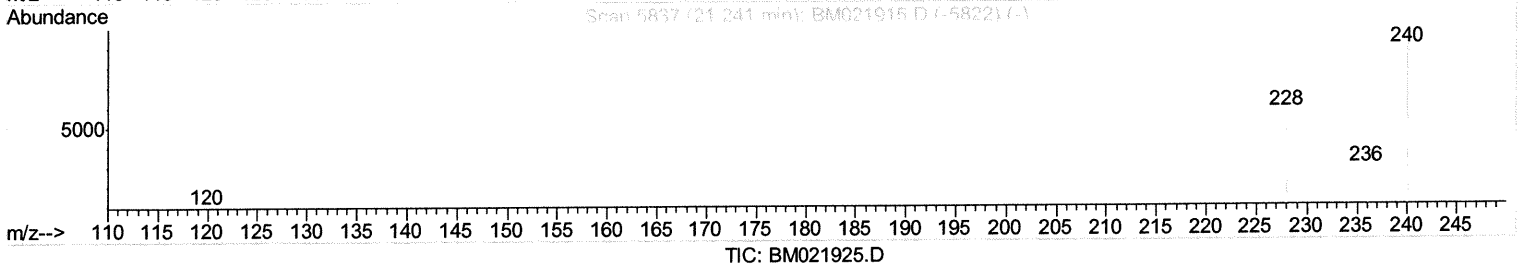
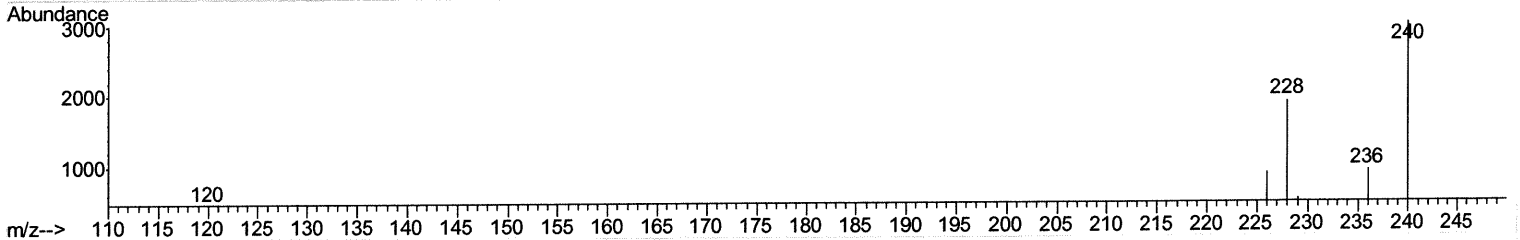
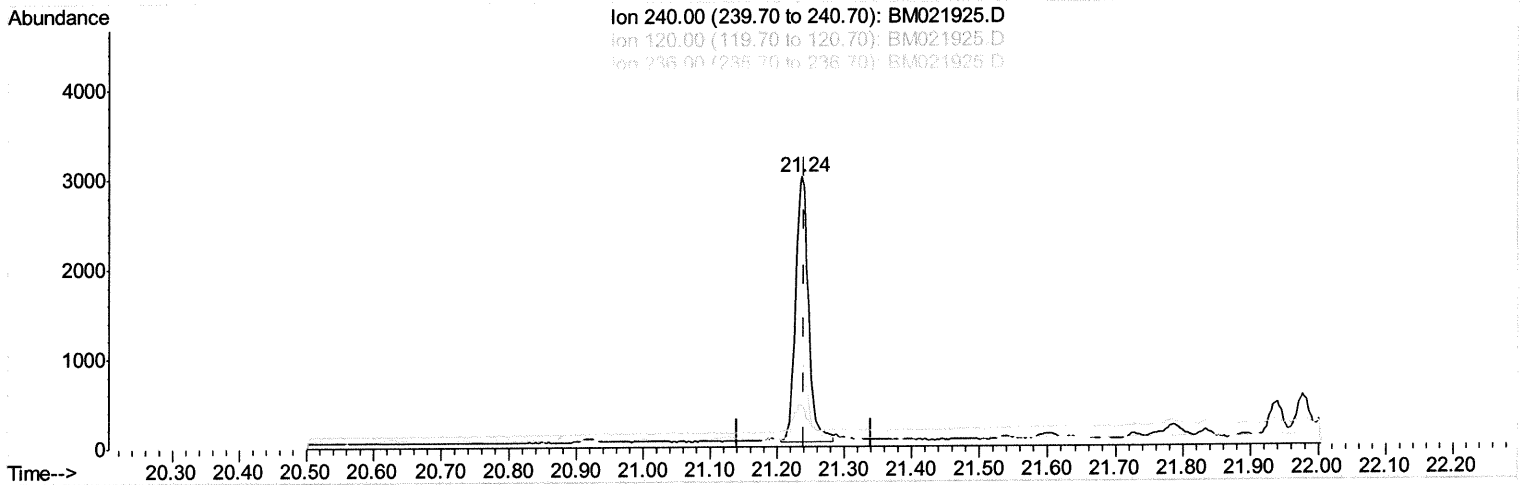
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:22:27 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)

21.236min (-0.005) 0.40ng/ul m *JU 08/08/19*

response 3971

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.64
236.00	32.30	30.61
0.00	0.00	0.00

Quantitation Report (Qedit)

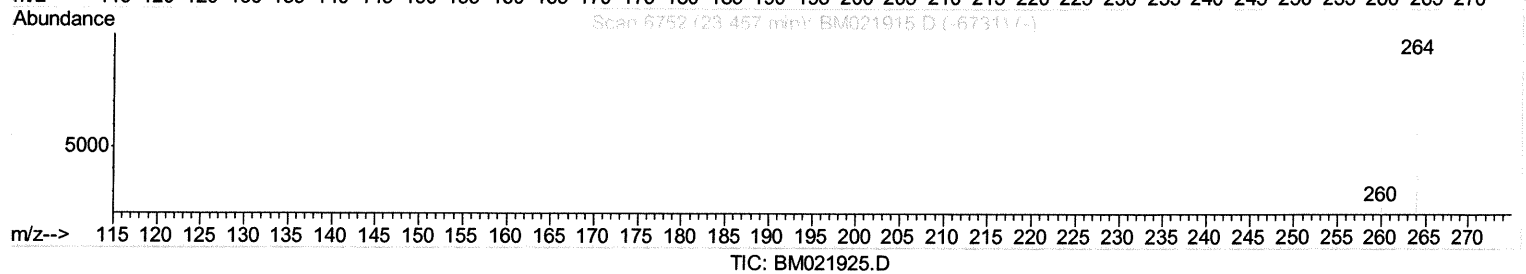
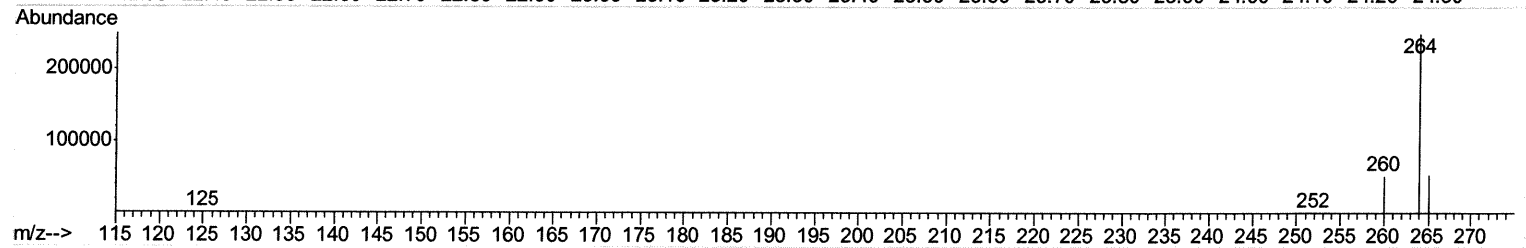
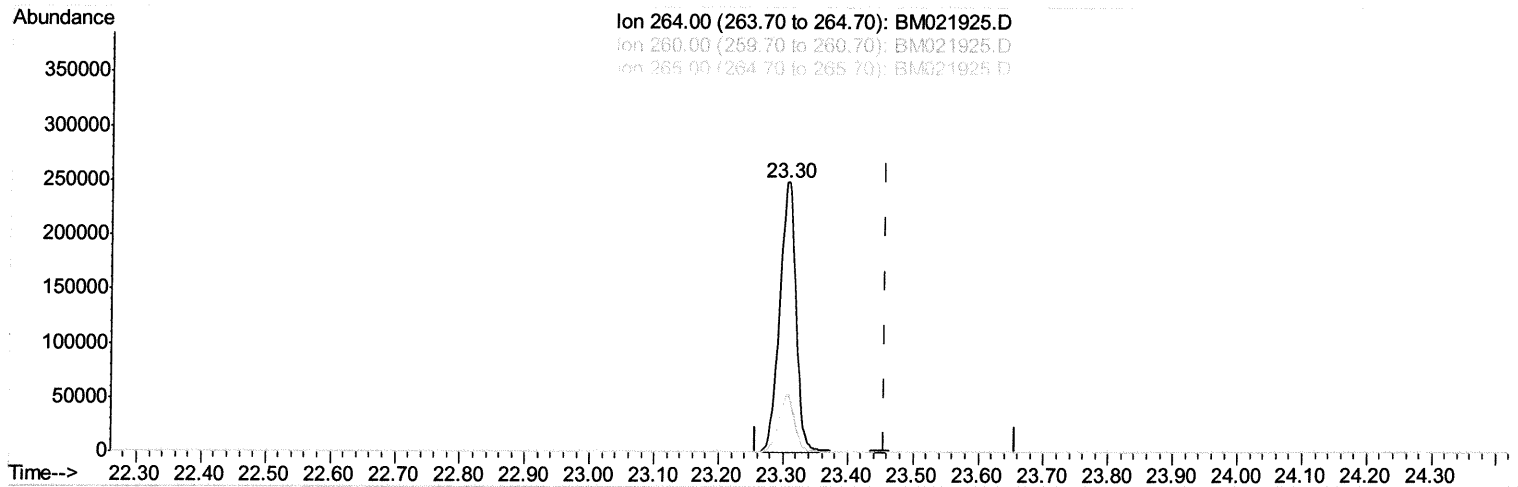
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:04 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)

23.305min (-0.153) 0.40ng/ul

response 440190

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.94#
265.00	117.00	21.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

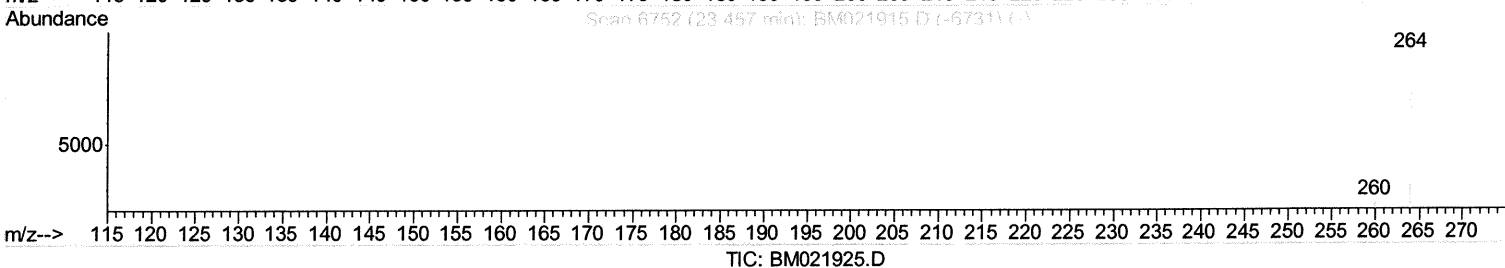
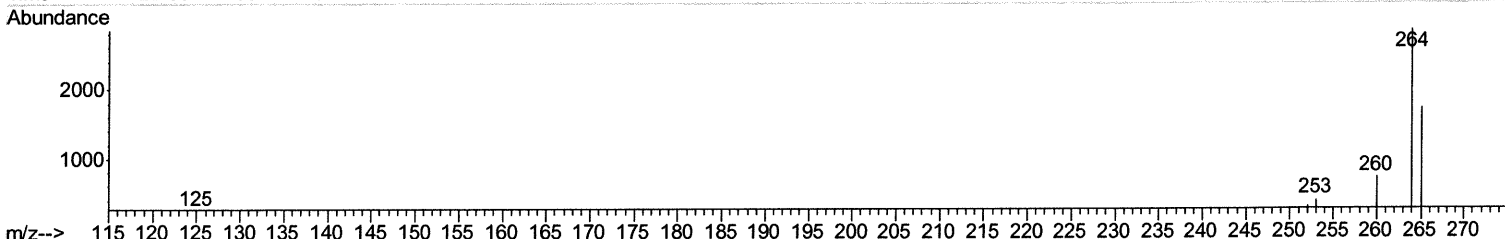
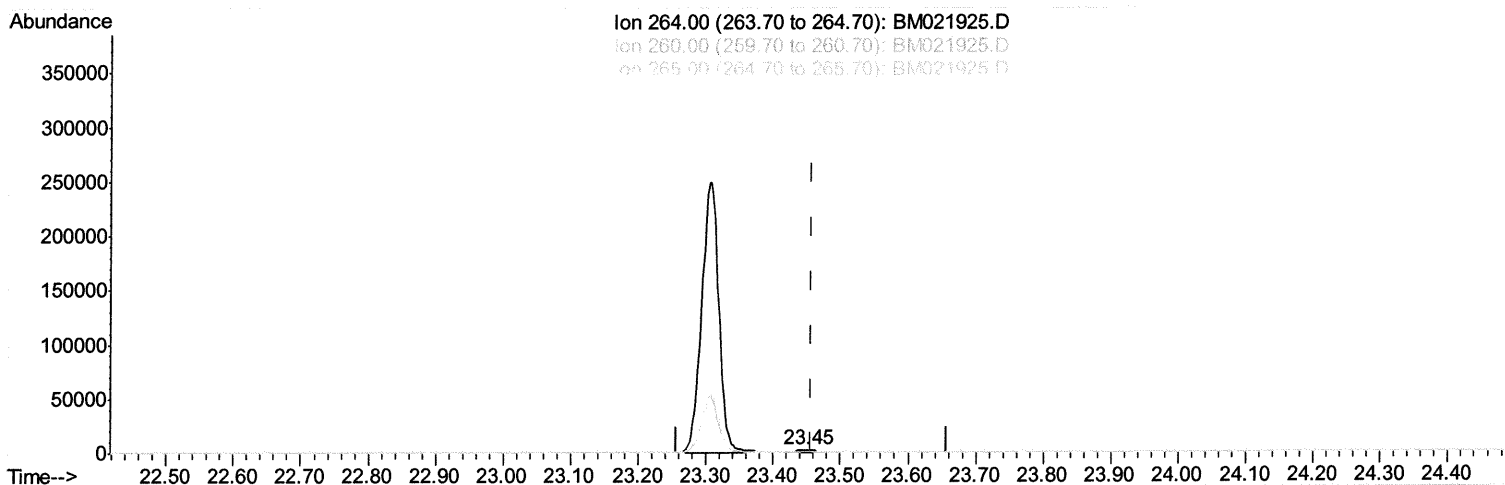
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021925.D
Acq On : 08 Aug 2019 10:05
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:04 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

response 3695

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.60
265.00	117.00	60.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

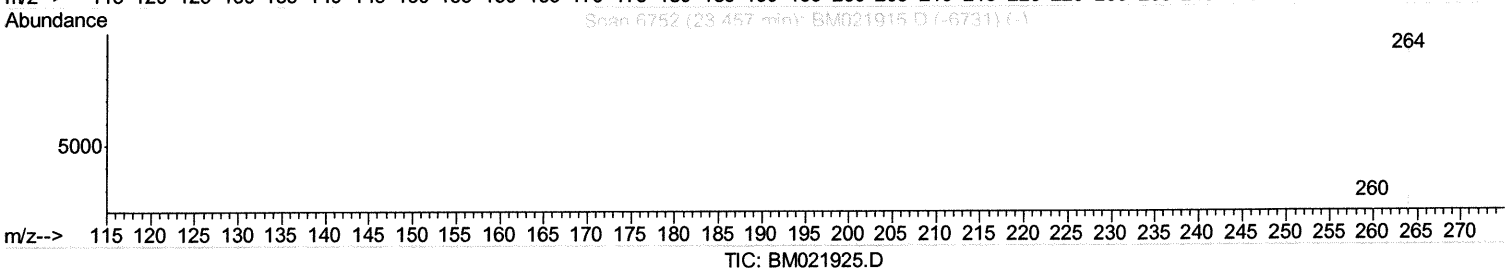
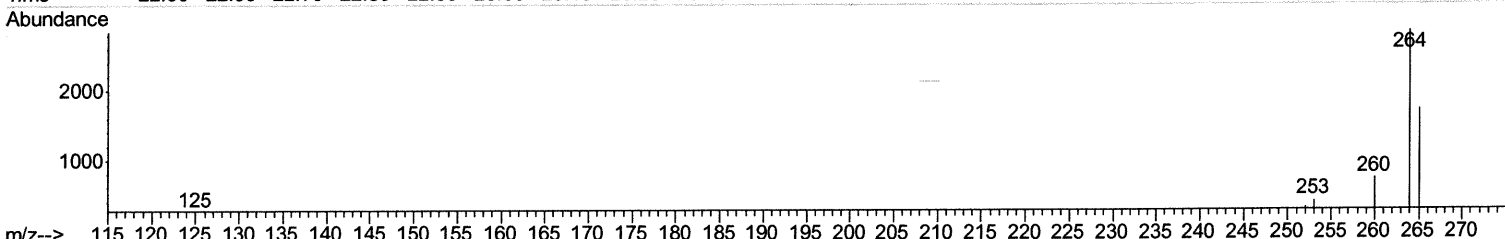
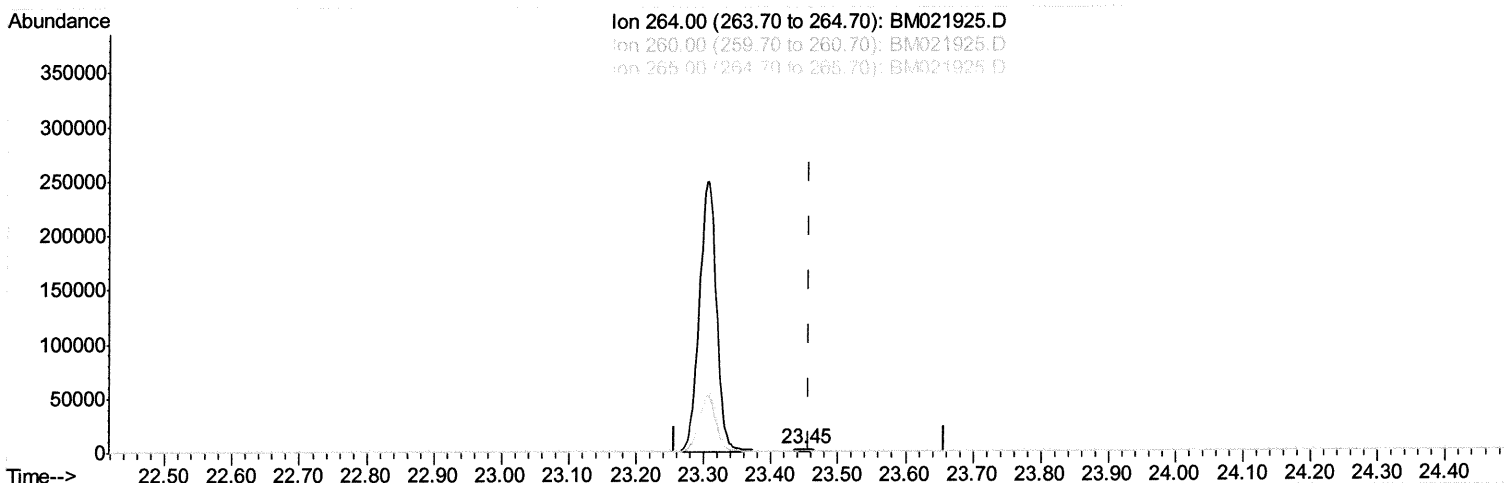
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:04 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 3695

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.60
265.00	117.00	60.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

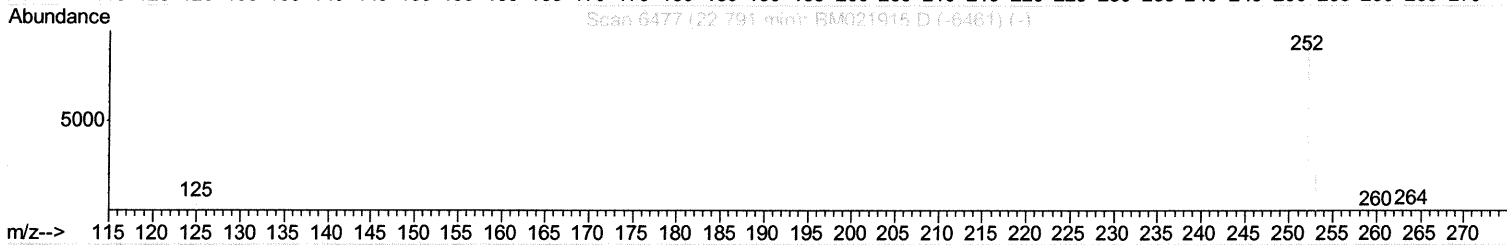
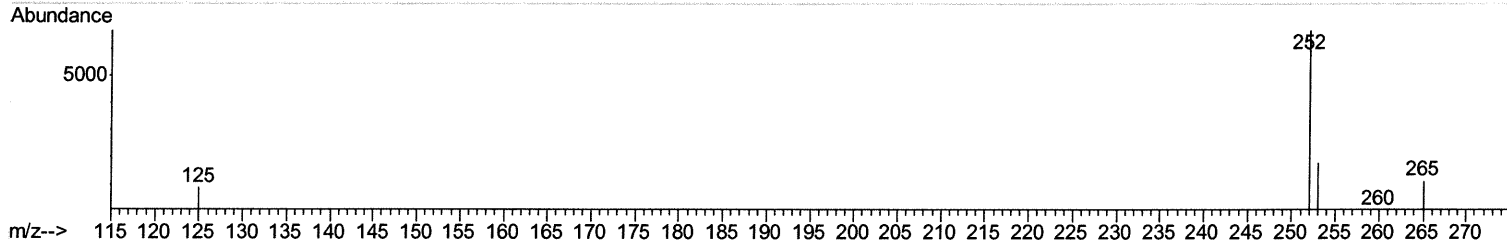
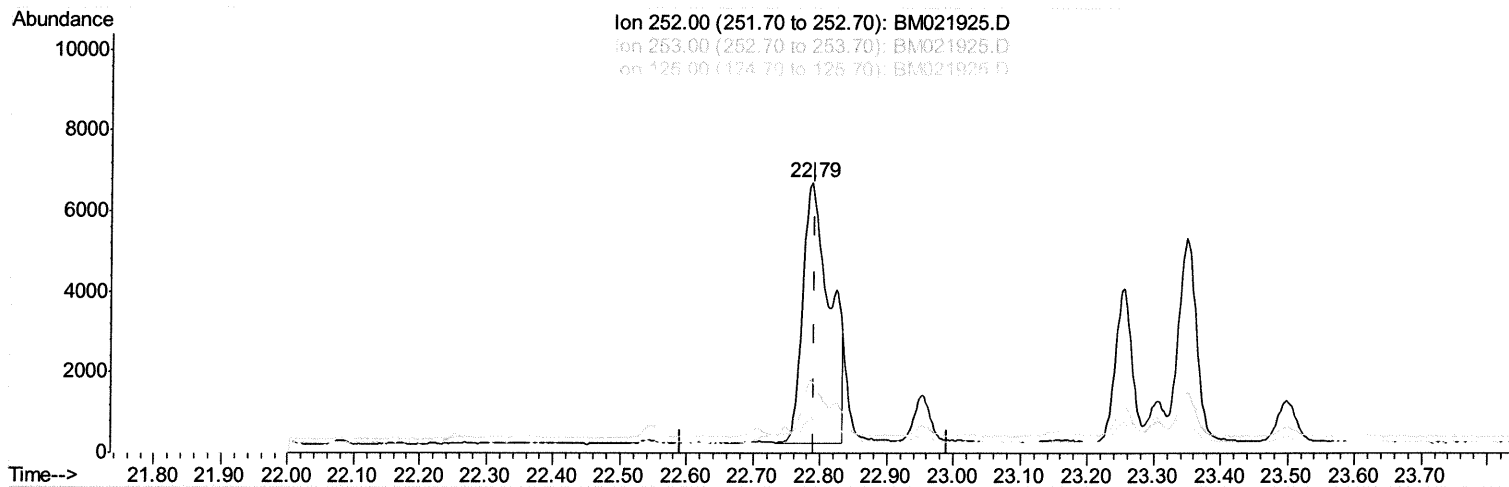
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 1.44ng/ul

response 17945

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.09
125.00	15.50	13.11
0.00	0.00	0.00

Quantitation Report (Qedit)

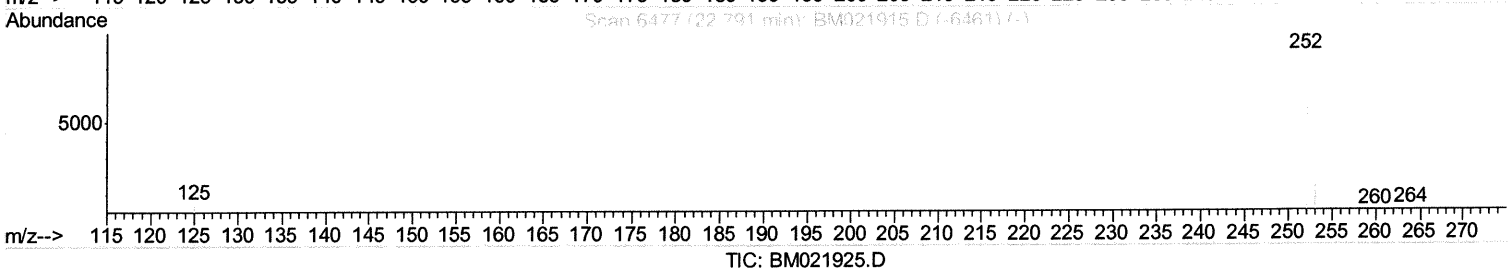
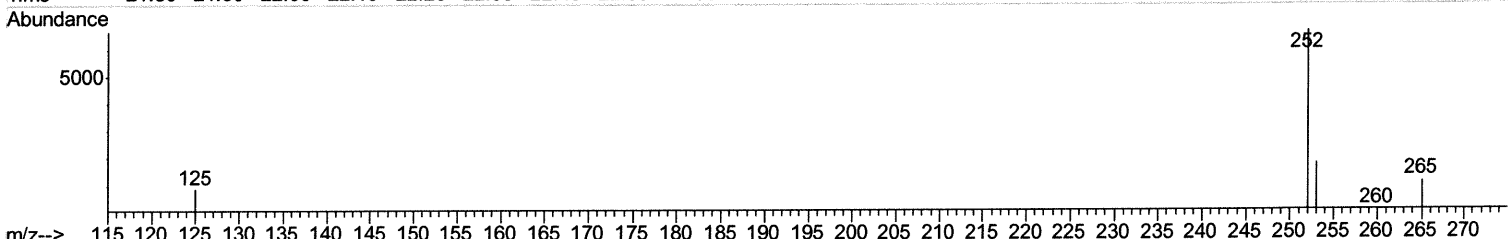
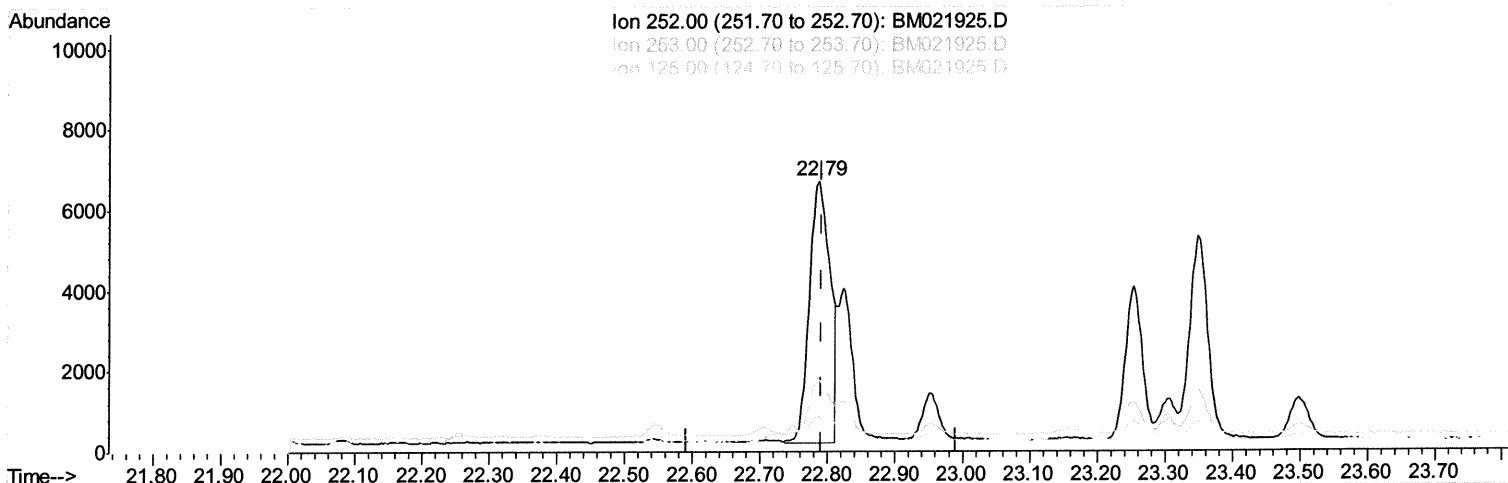
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 1.10ng/ul m

response 13659

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.09
125.00	15.50	13.11
0.00	0.00	0.00

Quantitation Report (Qedit)

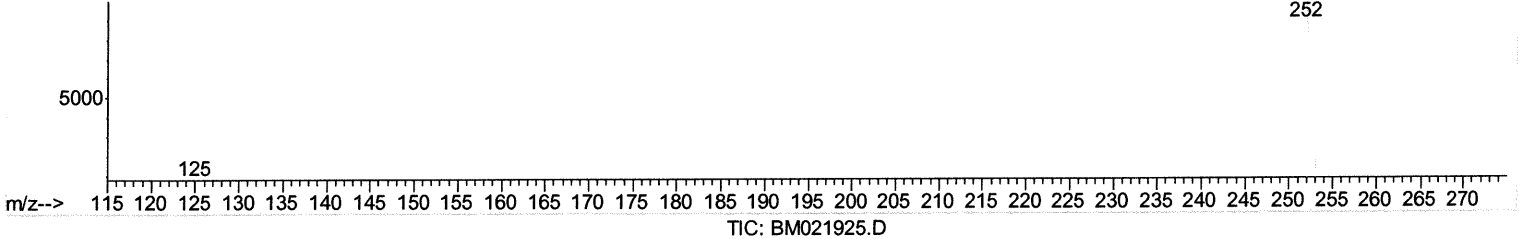
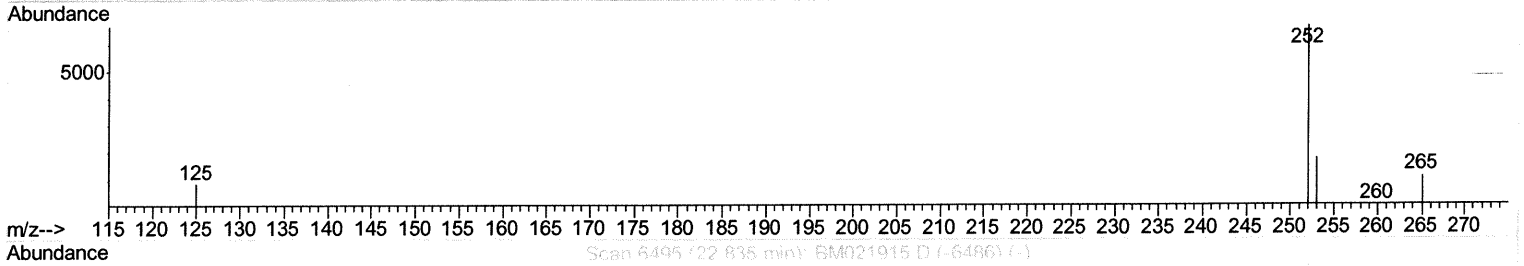
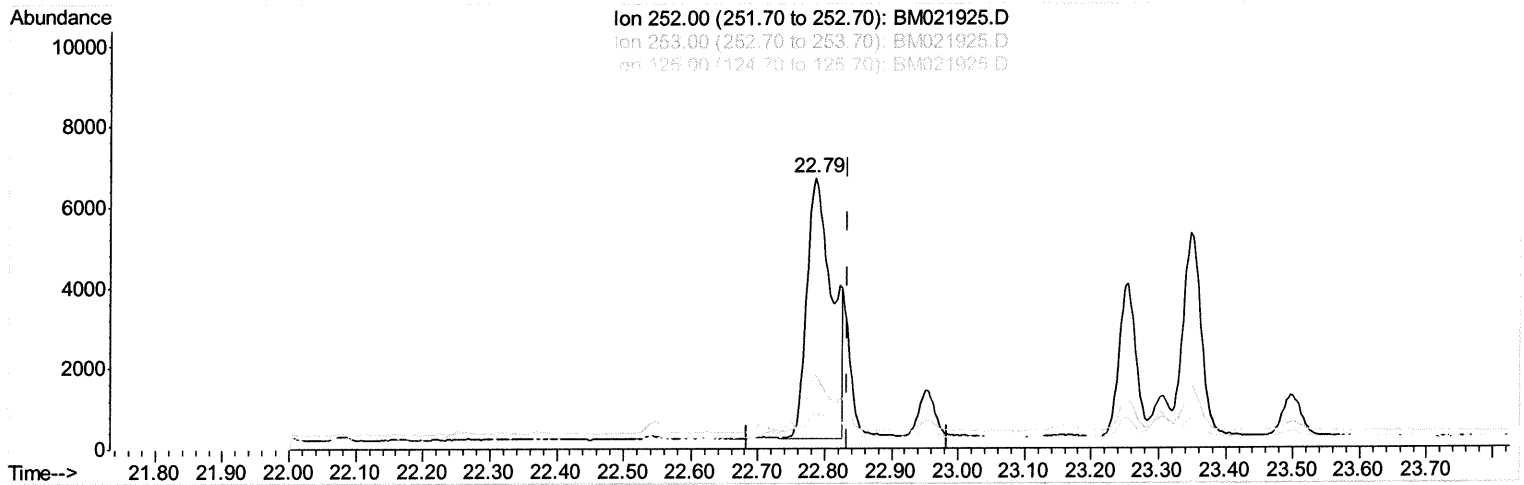
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.786min (-0.048) 1.18ng/ul
 response 16581

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.09
125.00	15.20	13.11
0.00	0.00	0.00

Quantitation Report (Qedit)

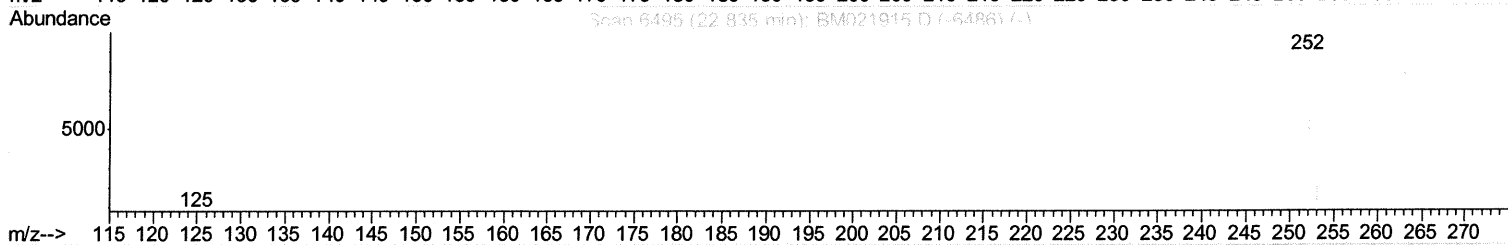
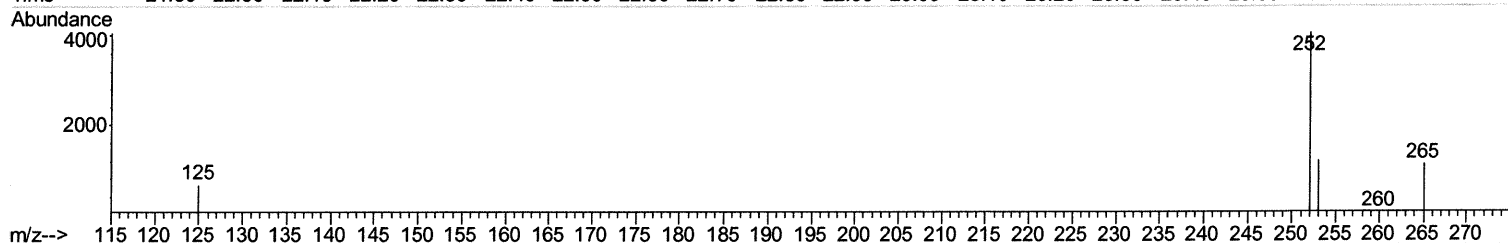
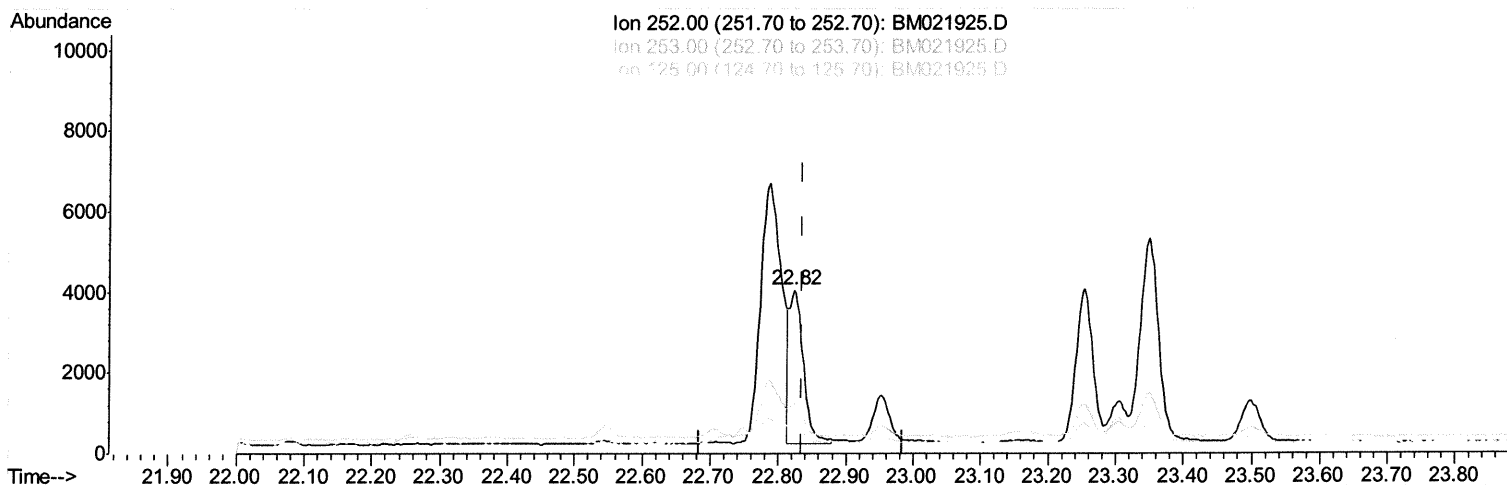
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



TIC: BM021925.D

(22) Benzo(k)fluoranthene

22.822min (-0.012) 0.39ng/ul m

Ju
 08/08/19

response 5557

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.28
125.00	15.20	16.65
0.00	0.00	0.00

Quantitation Report (Qedit)

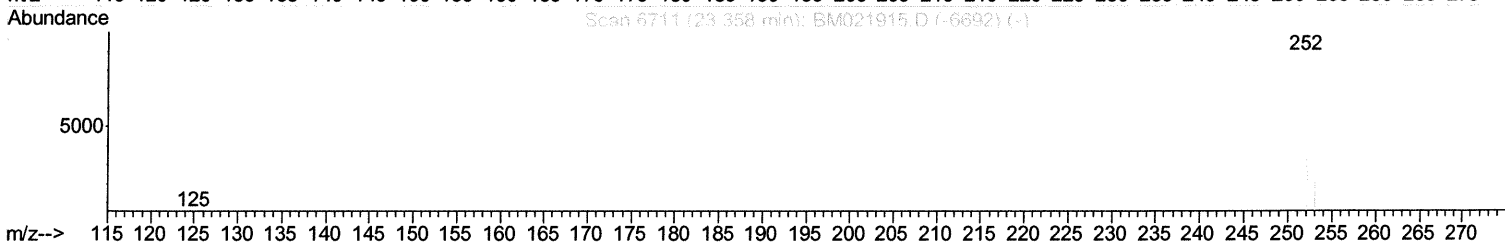
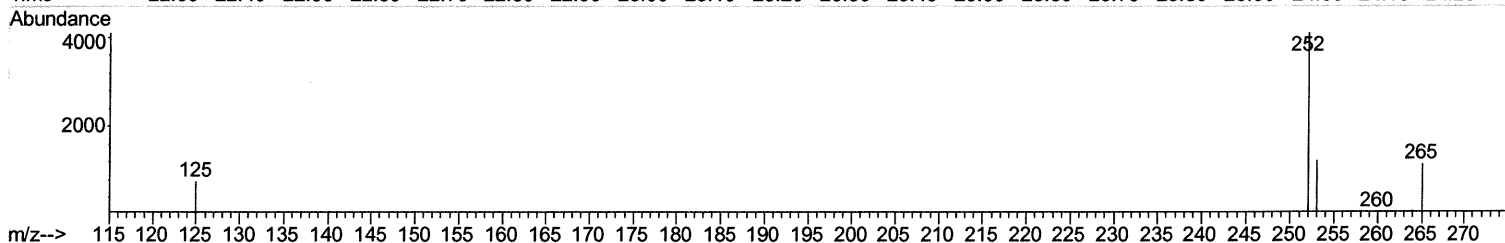
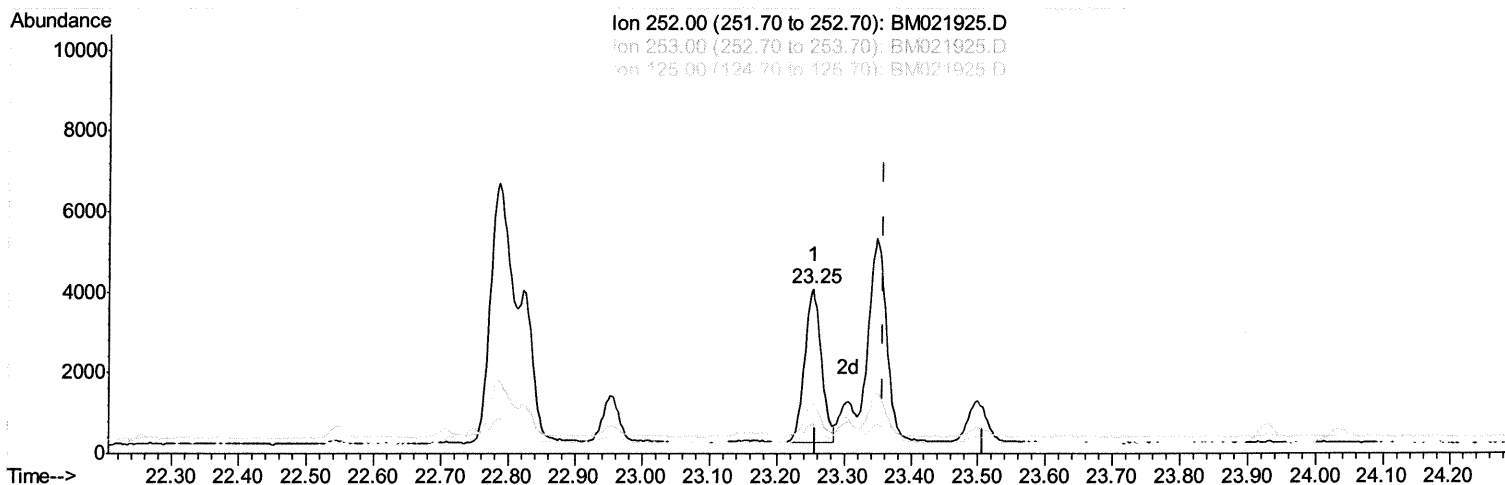
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



TIC: BM021925.D

(23) Benzo(a)pyrene (C)

23.254min (-0.104) 0.53ng/ul

response 6731

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	29.69#
125.00	18.20	18.29
0.00	0.00	0.00

Quantitation Report (Qedit)

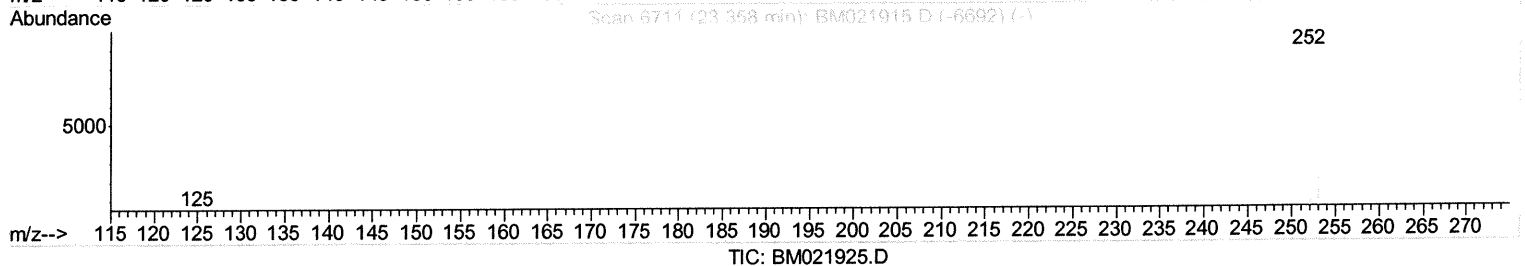
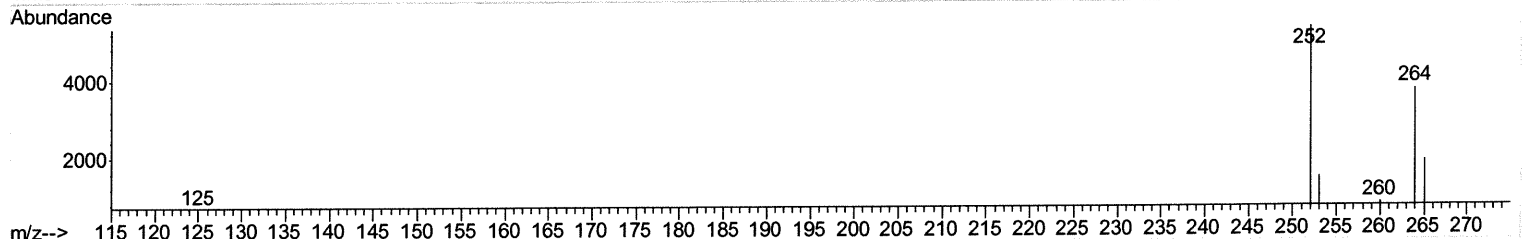
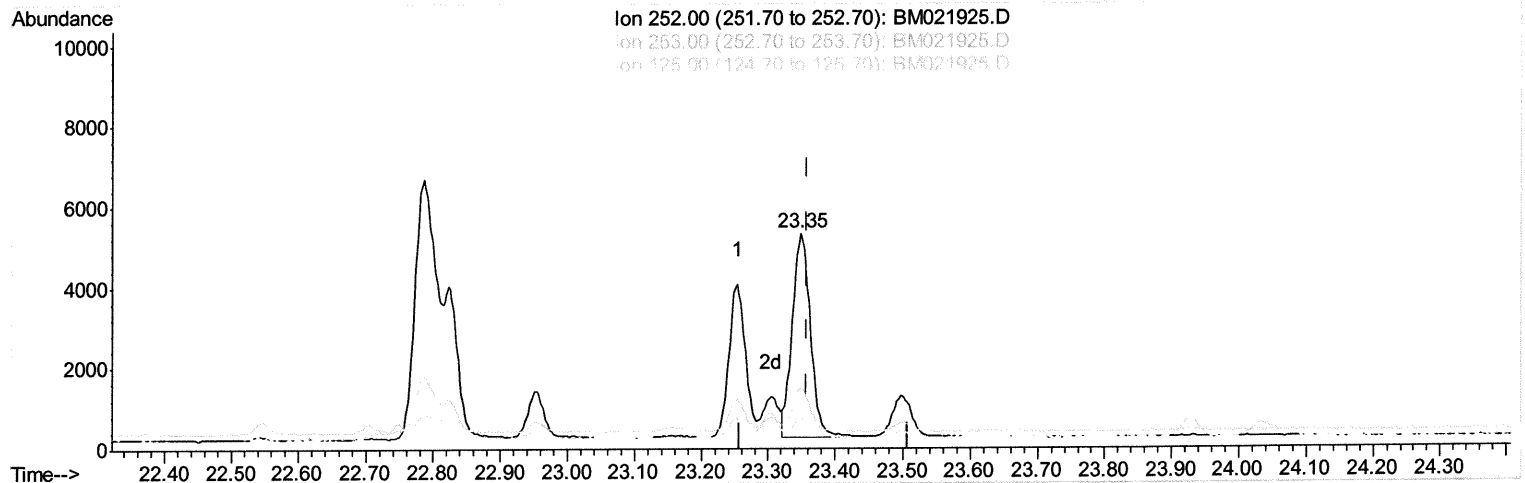
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.348min (-0.010) 0.75ng/ul m

JU
 08/08/19

response 9460

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	28.02#
125.00	18.20	13.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

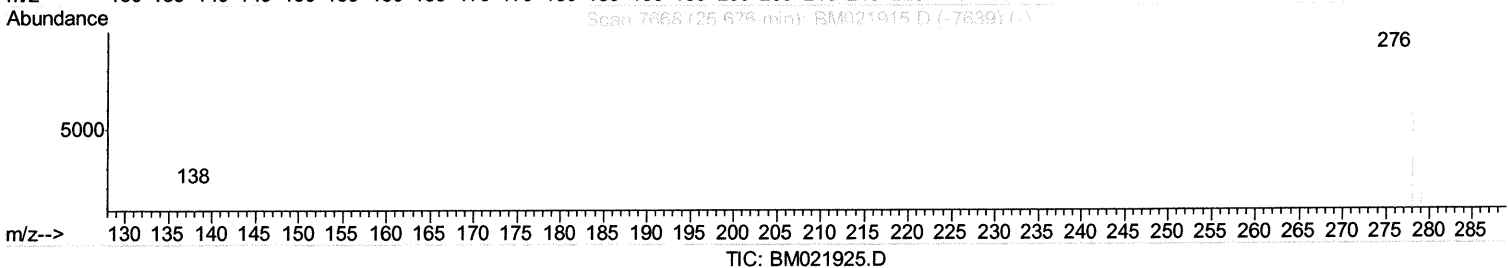
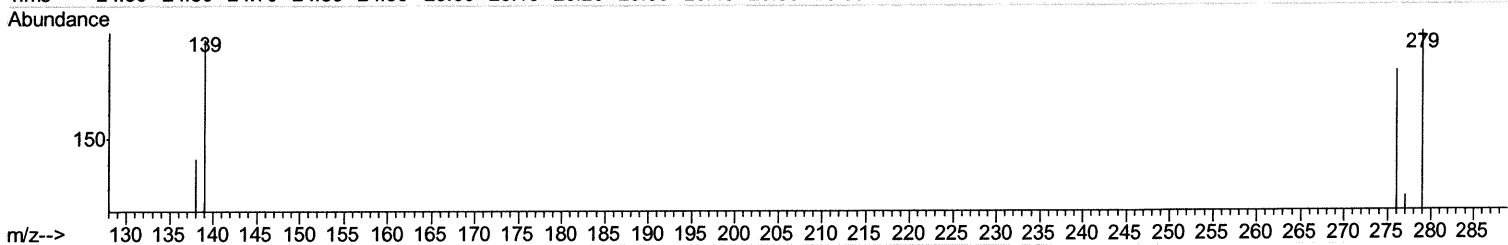
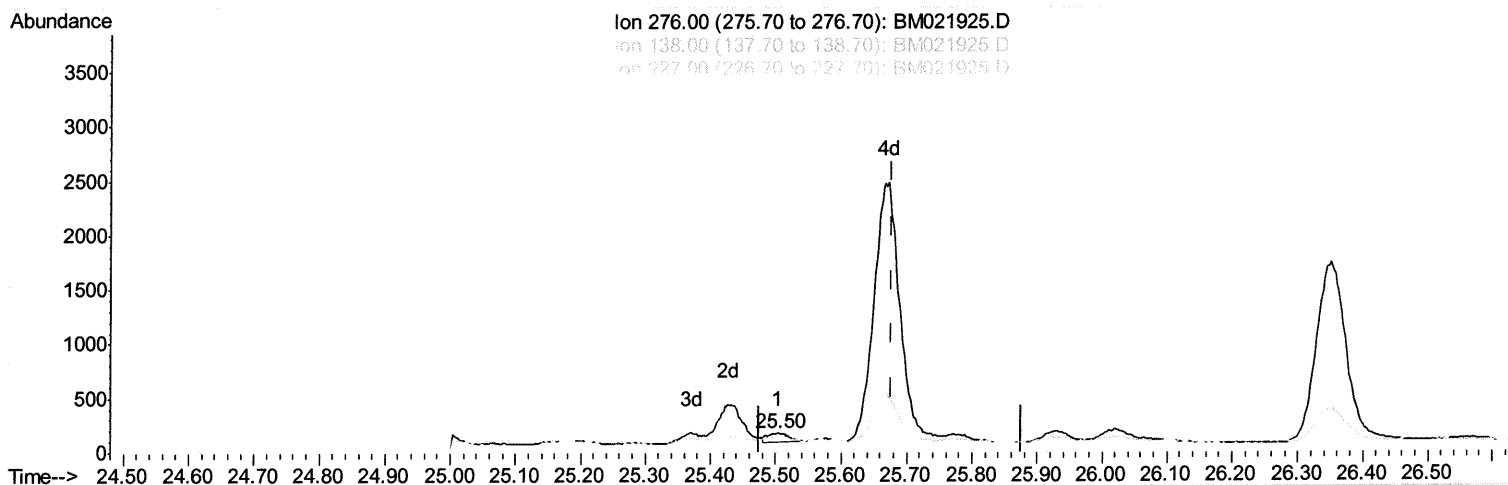
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021925.D
Acq On : 08 Aug 2019 10:05
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

25.505min (-0.172) 0.01ng/ul

response 182

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	57.69#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

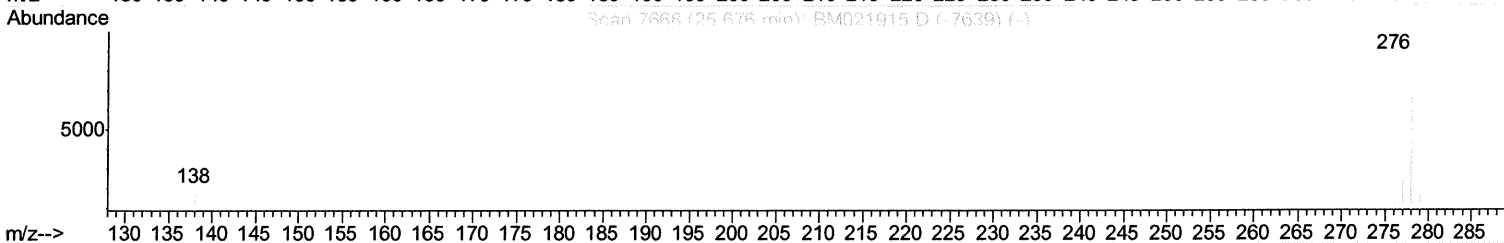
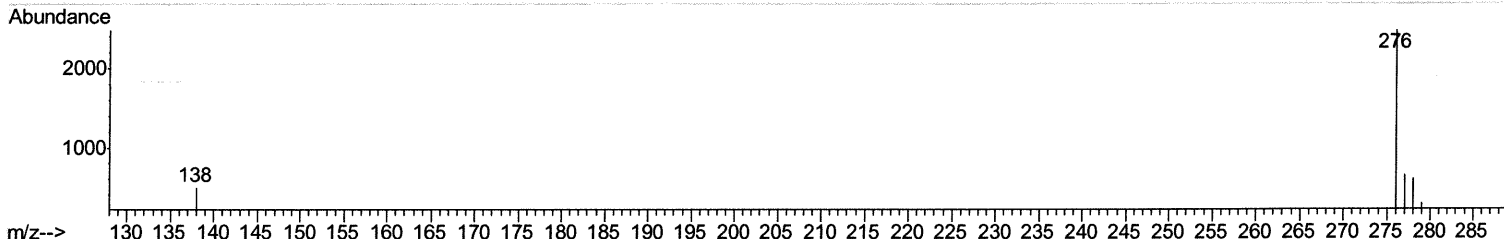
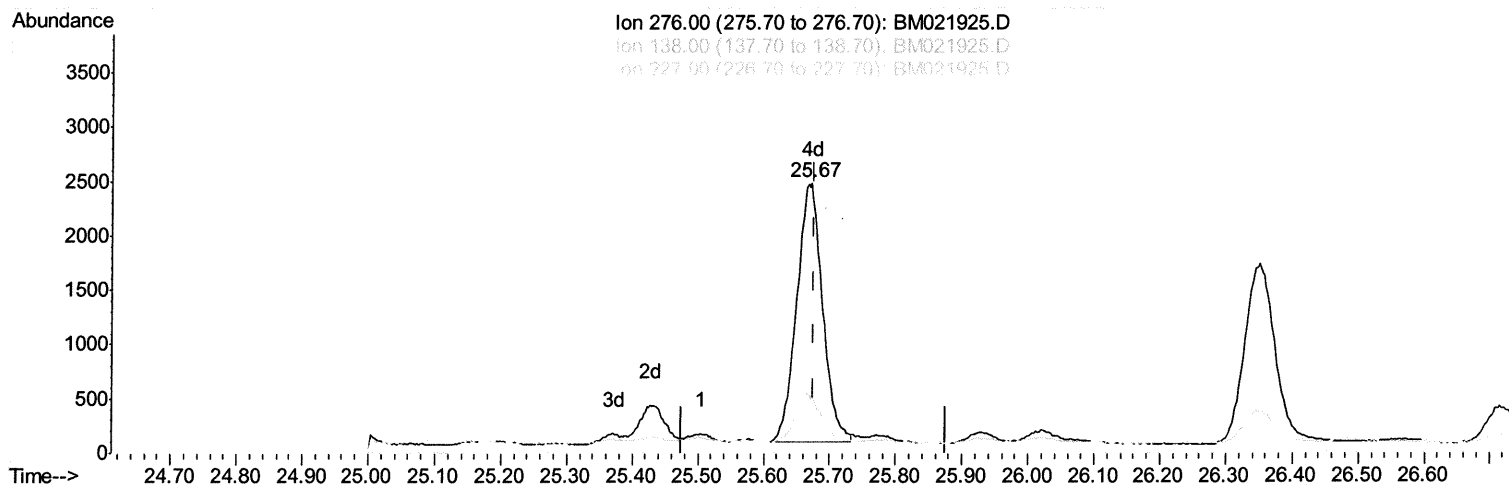
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



TIC: BM021925.D

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

25.672min (-0.005) 0.43ng/ul m

JU
 08/08/19

response 6461

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.63#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

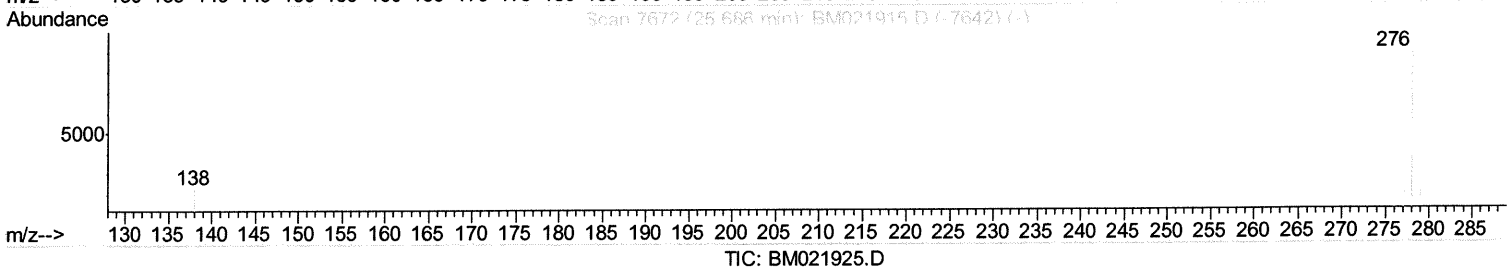
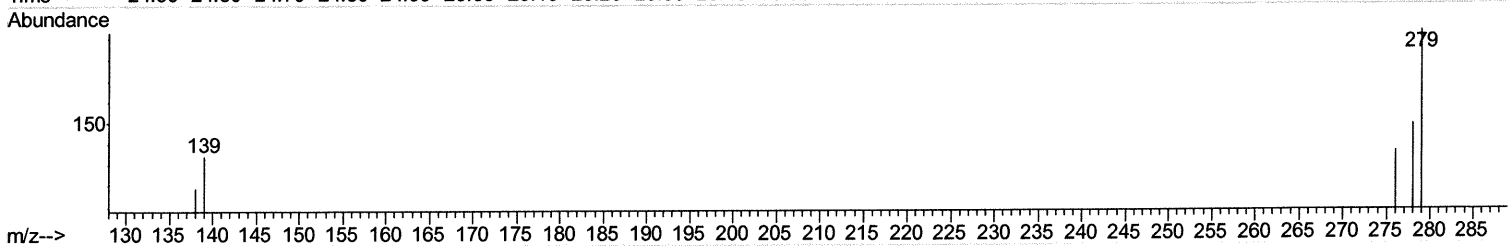
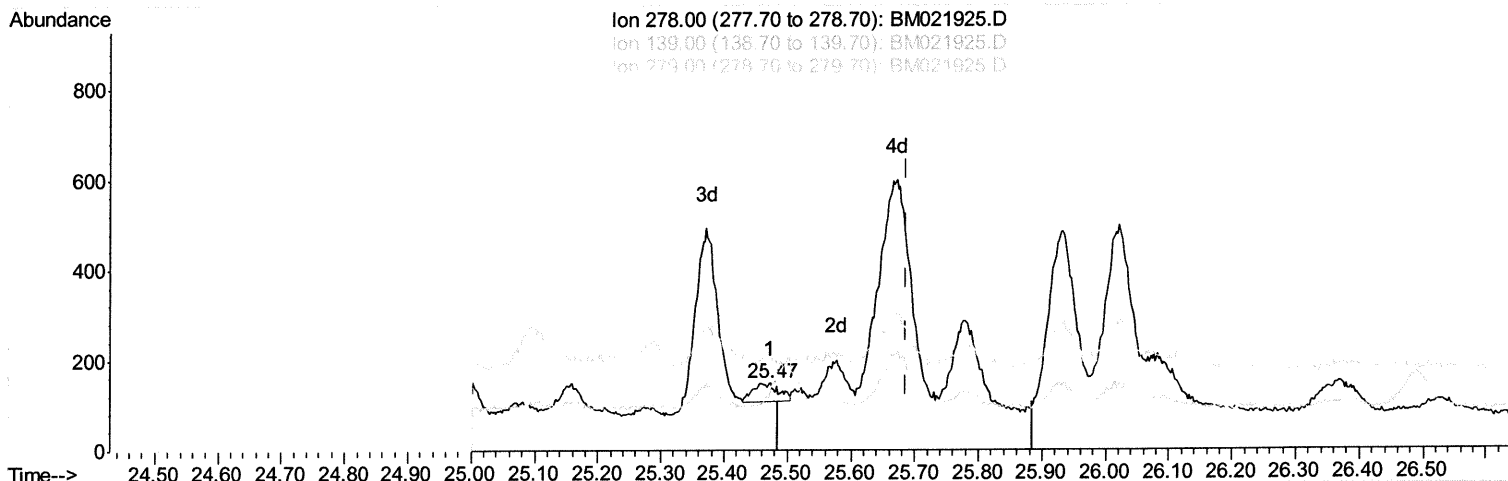
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.473min (-0.213) 0.01ng/ul

response 116

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	89.93#
279.00	35.40	129.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

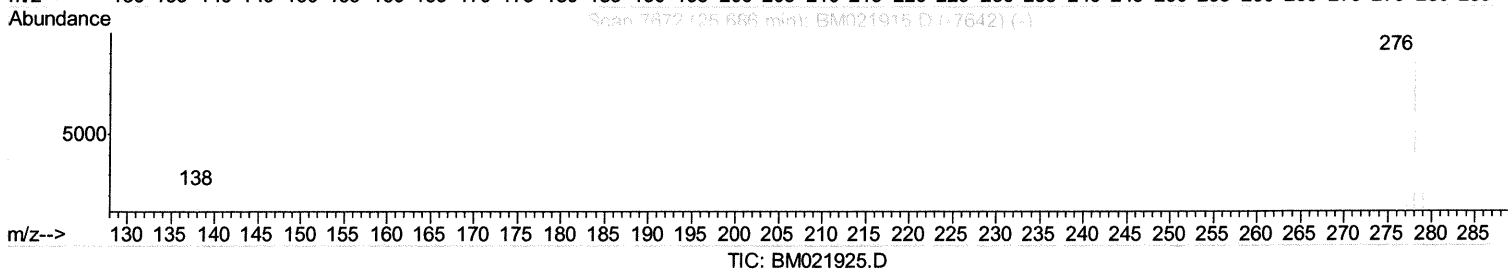
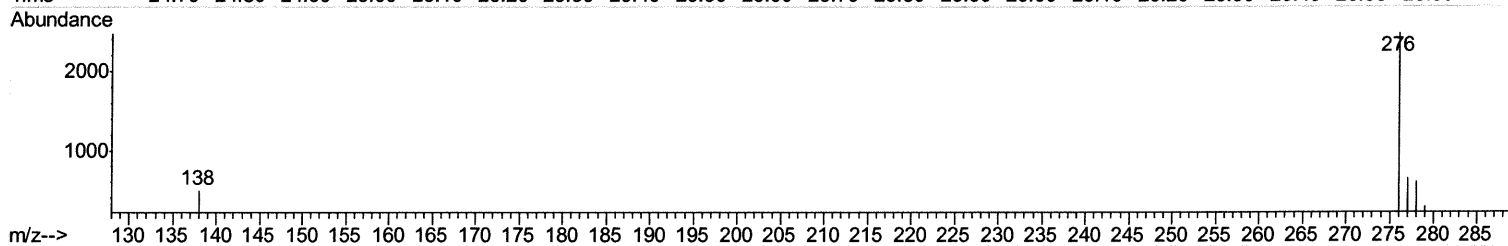
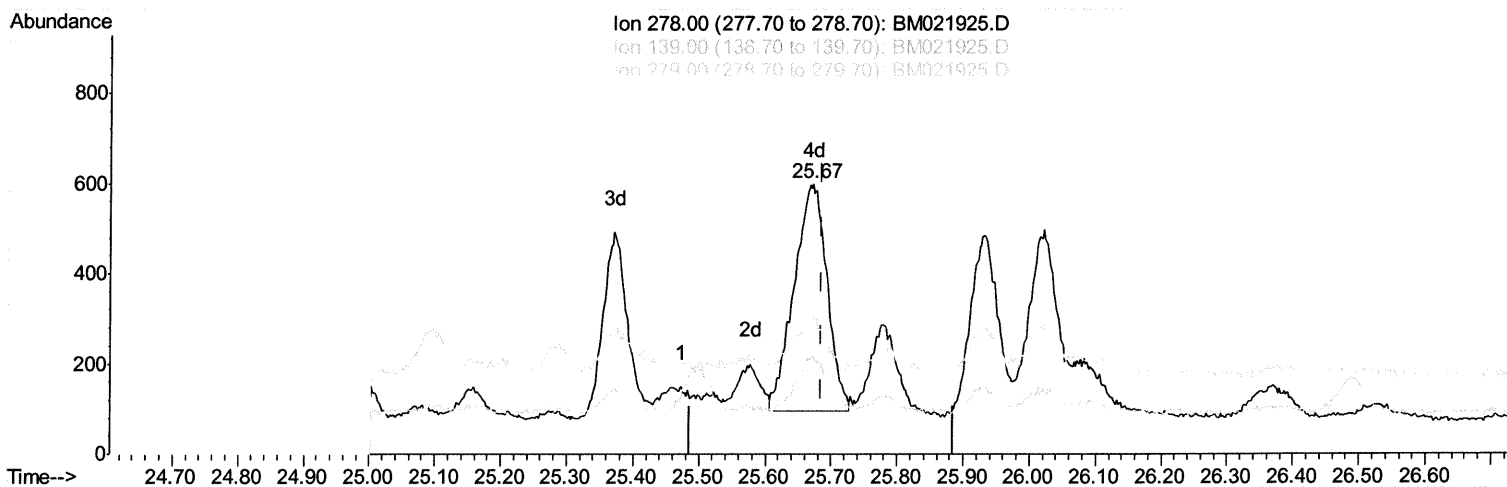
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021925.D
Acq On : 08 Aug 2019 10:05
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.672min (-0.014) 0.14ng/ul m

JU
08/08/19

response 1756

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	36.06#
279.00	35.40	50.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

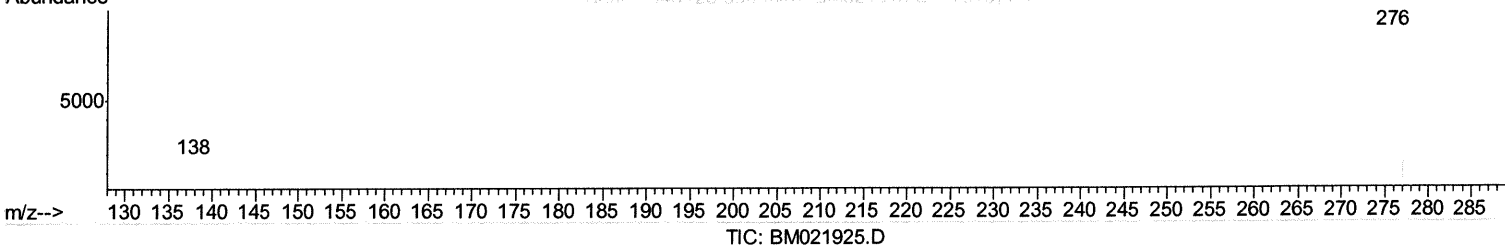
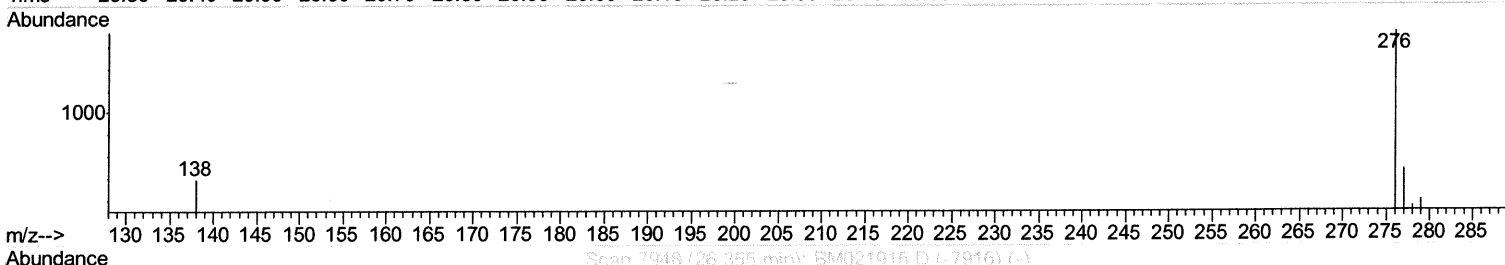
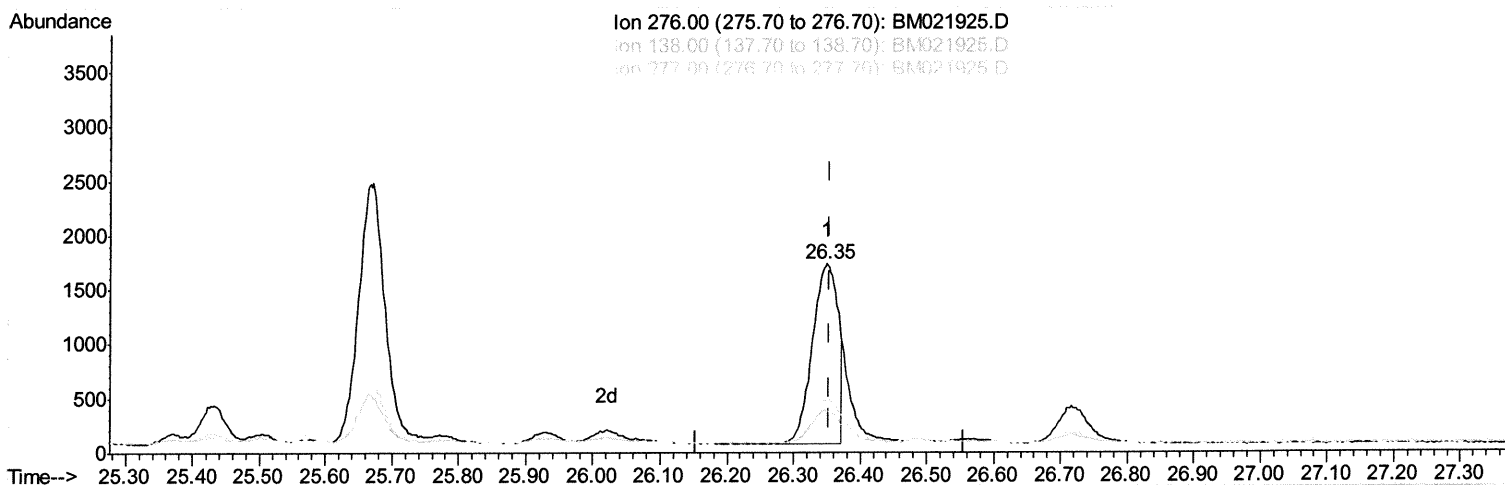
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021925.D
Acq On : 08 Aug 2019 10:05
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

26.350min (-0.005) 0.32ng/ul

response 4395

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	22.09
277.00	26.80	27.51
0.00	0.00	0.00

Quantitation Report (Qedit)

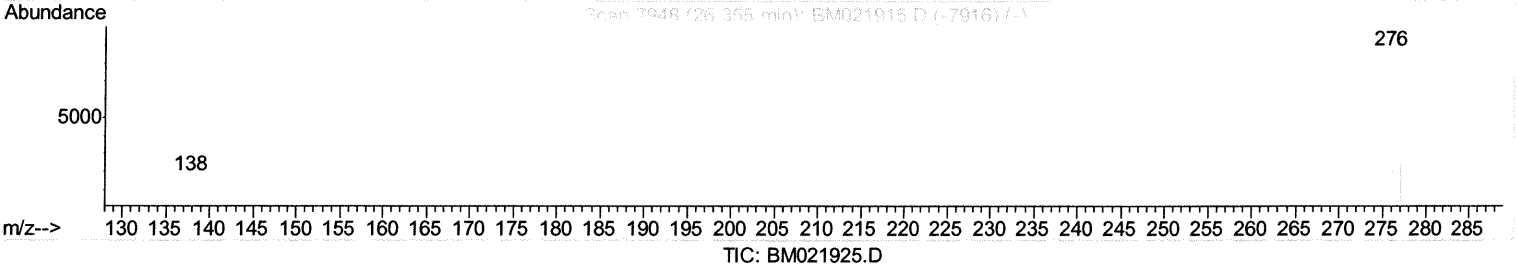
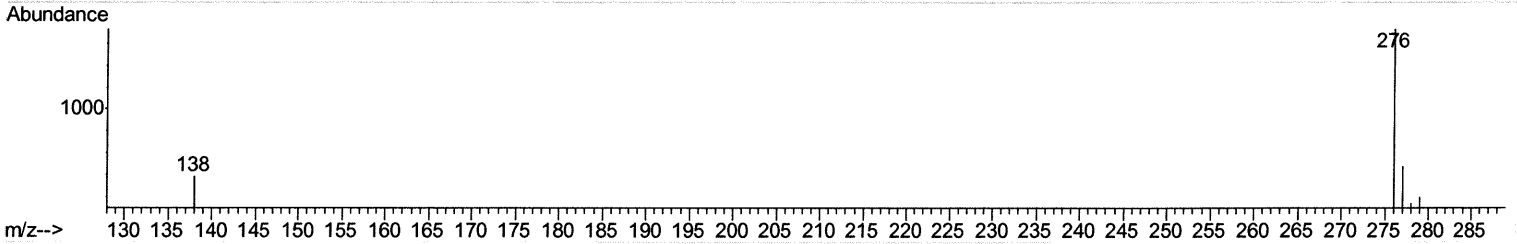
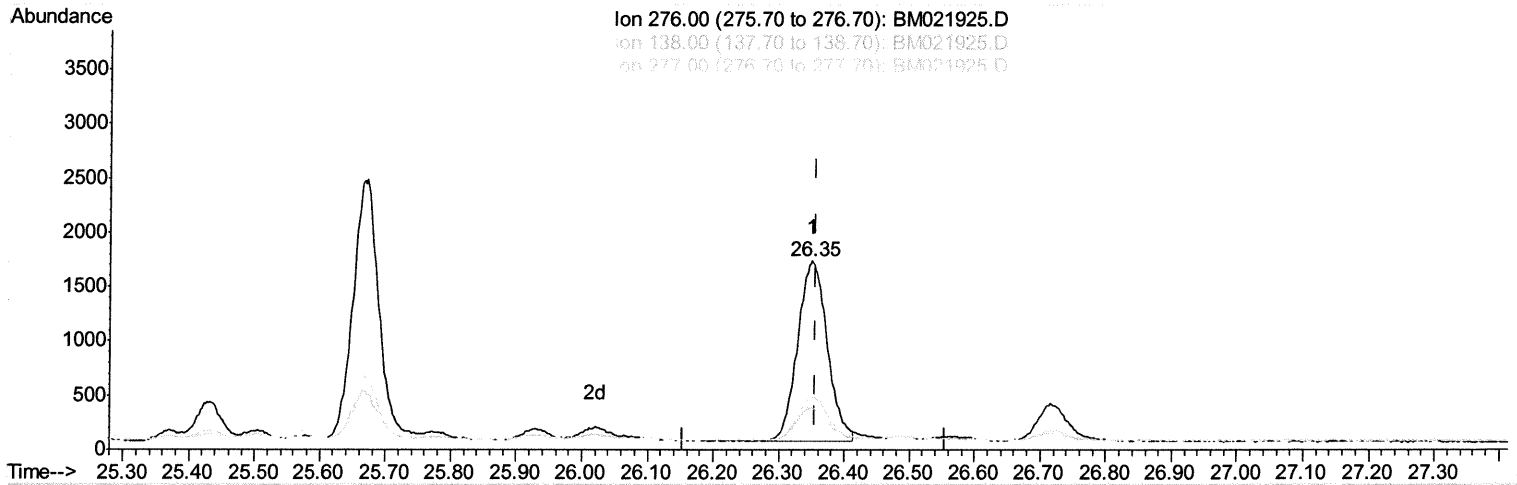
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:24:41 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

26.350min (-0.005) 0.38ng/ul m

JU
 08/08/19

response 5227

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	22.09
277.00	26.80	27.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021925.D
 Acq On : 08 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:07 AM

Quant Time: Aug 08 13:27:40 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	744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3280	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1807	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4256m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3971m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3695m →	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1930	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	4848m	0.34	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	373	0.040	ng/ul#	69
5) 2-Methylnaphthalene	12.09	142	181	0.029	ng/ul	87
7) Acenaphthylene	13.99	152	1029	0.122	ng/ul#	81
8) Acenaphthene	14.33	153	231	0.033	ng/ul#	93
9) Fluorene	15.33	166	332	0.043	ng/ul#	94
12) Phenanthrene	17.07	178	6635	0.536	ng/ul	98
13) Anthracene	17.17	178	1824m →	0.173	ng/ul	98
15) Fluoranthene	19.10	202	18475m →	1.114	ng/ul	98
17) Pyrene	19.46	202	17599	1.079	ng/ul	98
18) Benzo(a)anthracene	21.22	228	9256	0.652	ng/ul	99
19) Chrysene	21.27	228	9802	0.537	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	13659m →	1.096	ng/ul	98
22) Benzo(k)fluoranthene	22.82	252	5557m →	0.394	ng/ul	98
23) Benzo(a)pyrene	23.35	252	9460m →	0.747	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.67	276	6461m →	0.427	ng/ul	98
25) Dibenzo(a,h)anthracene	25.67	278	1756m →	0.144	ng/ul	98
26) Benzo(g,h,i)perylene	26.35	276	5227m →	0.384	ng/ul	98

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