

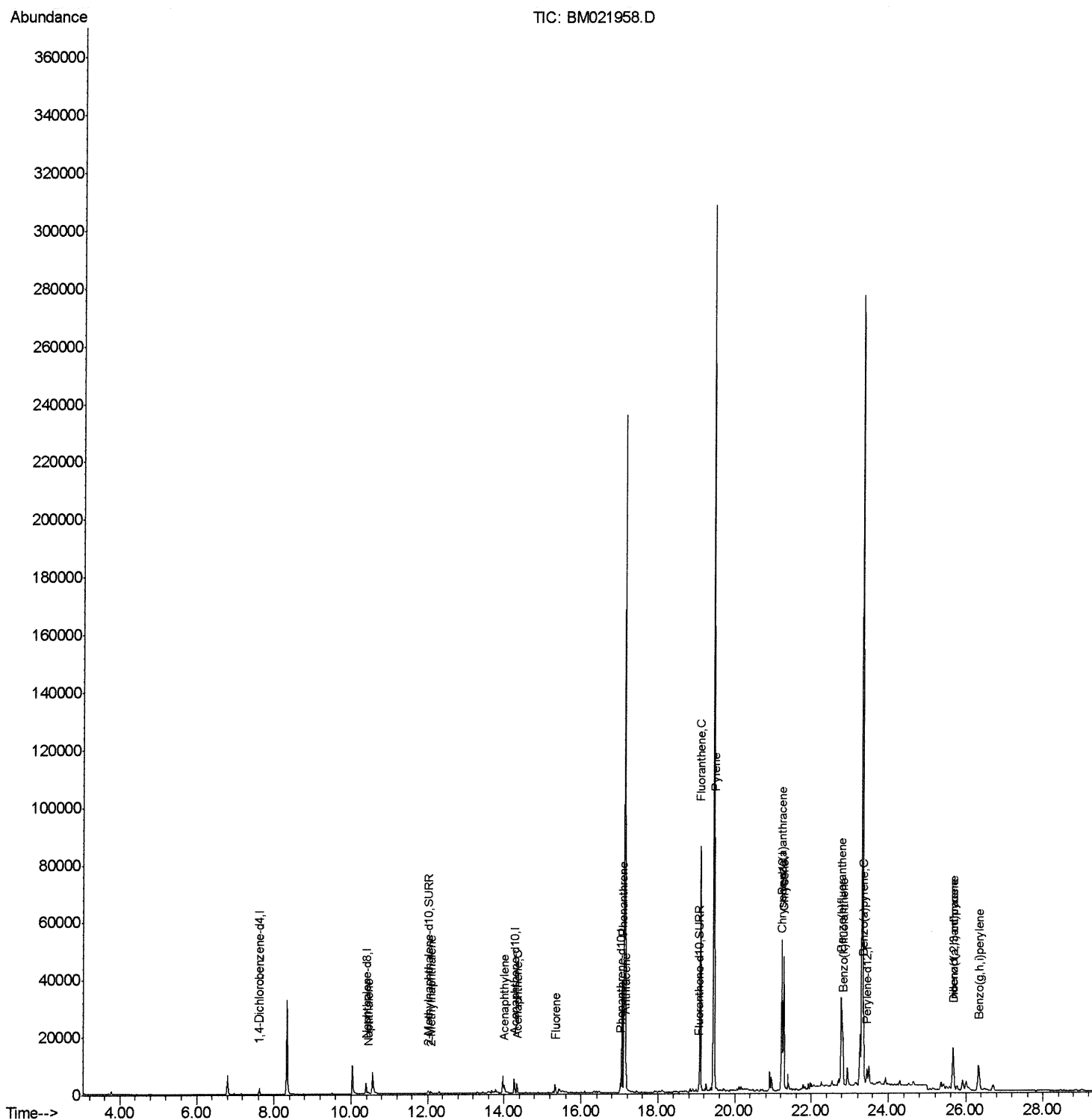
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:41:34 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 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

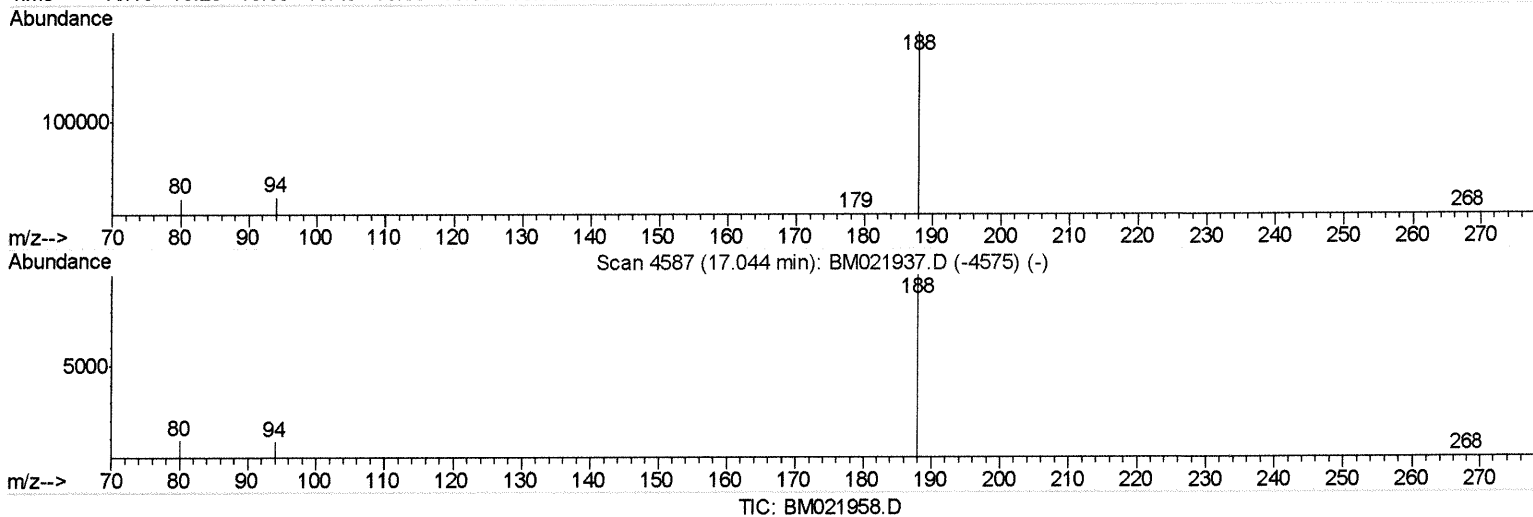
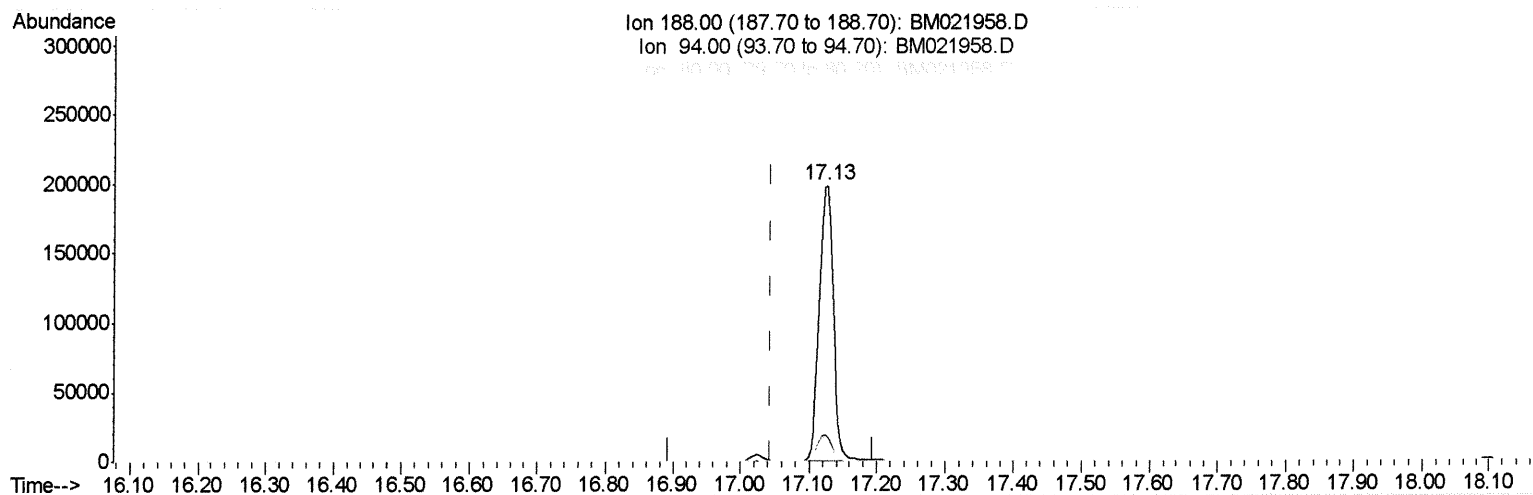
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:35:51 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 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.126min (+0.082) 0.40ng/ul

response 279102

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.93
80.00	11.40	8.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

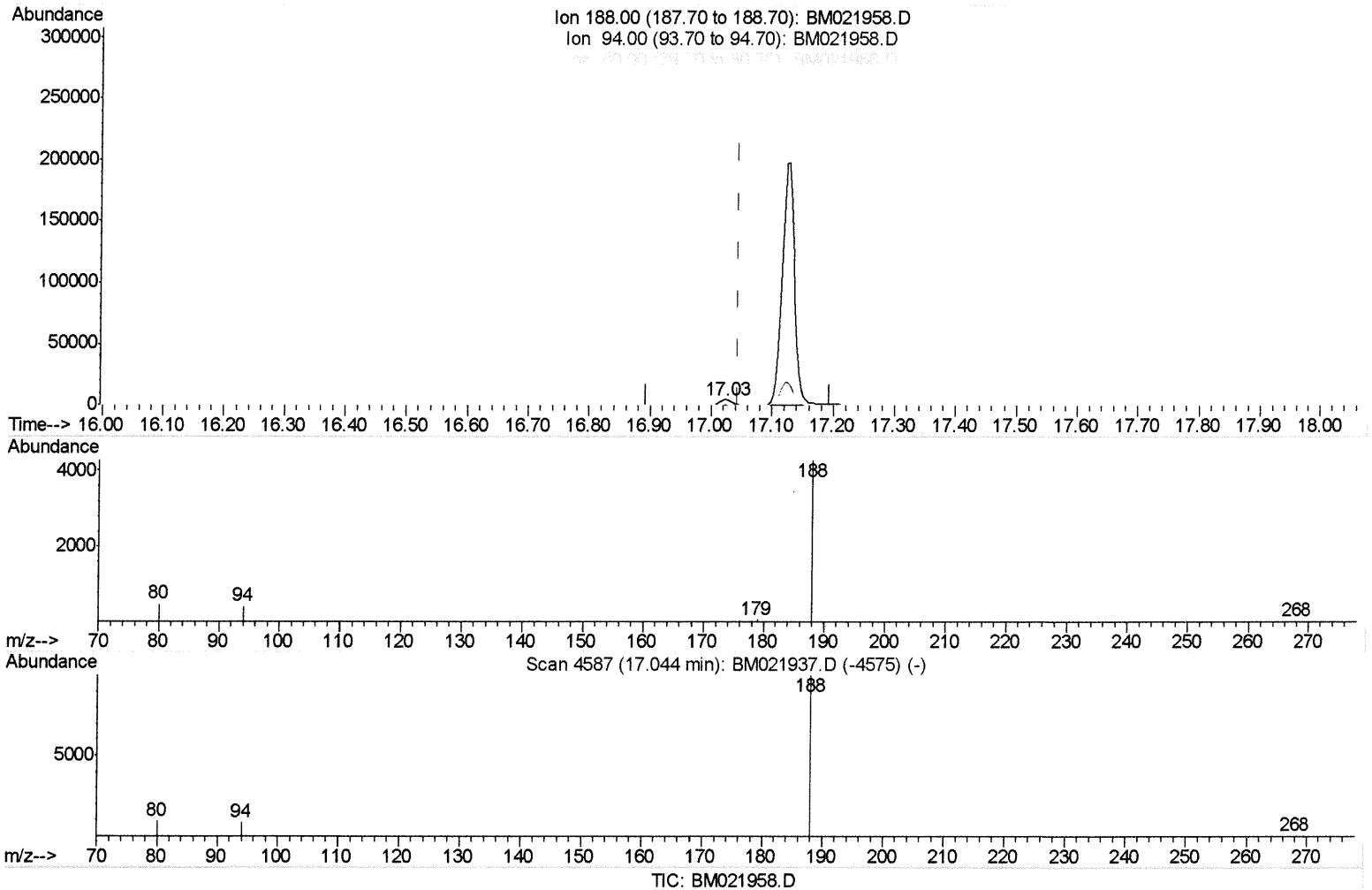
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:35:51 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 01:29:50 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.025min (-0.019) 0.40ng/ul m *JU* 08/09/19

response 6112

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.13
80.00	11.40	11.37
0.00	0.00	0.00

Quantitation Report (Qedit)

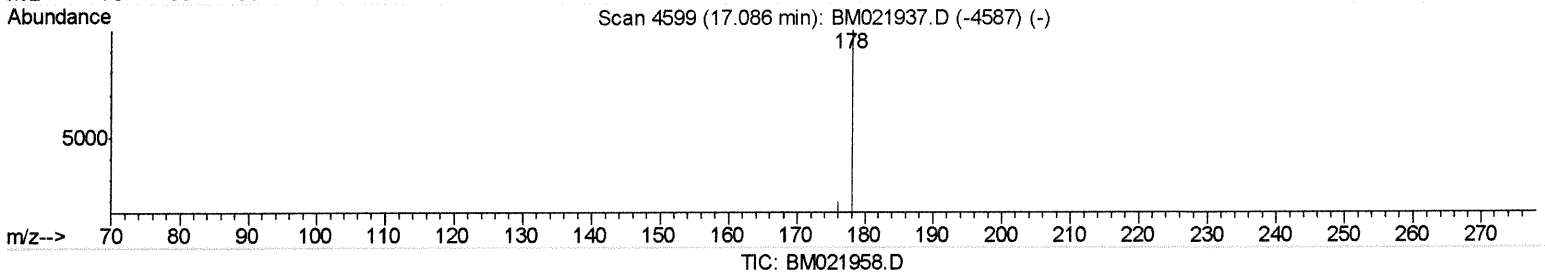
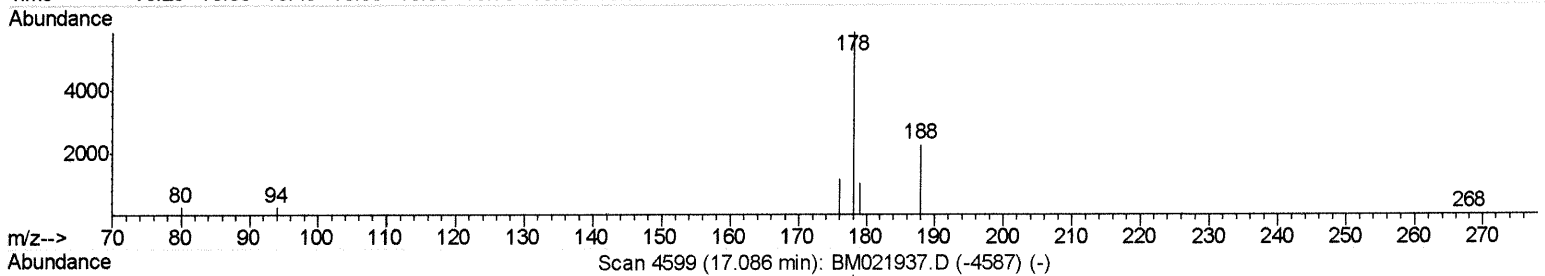
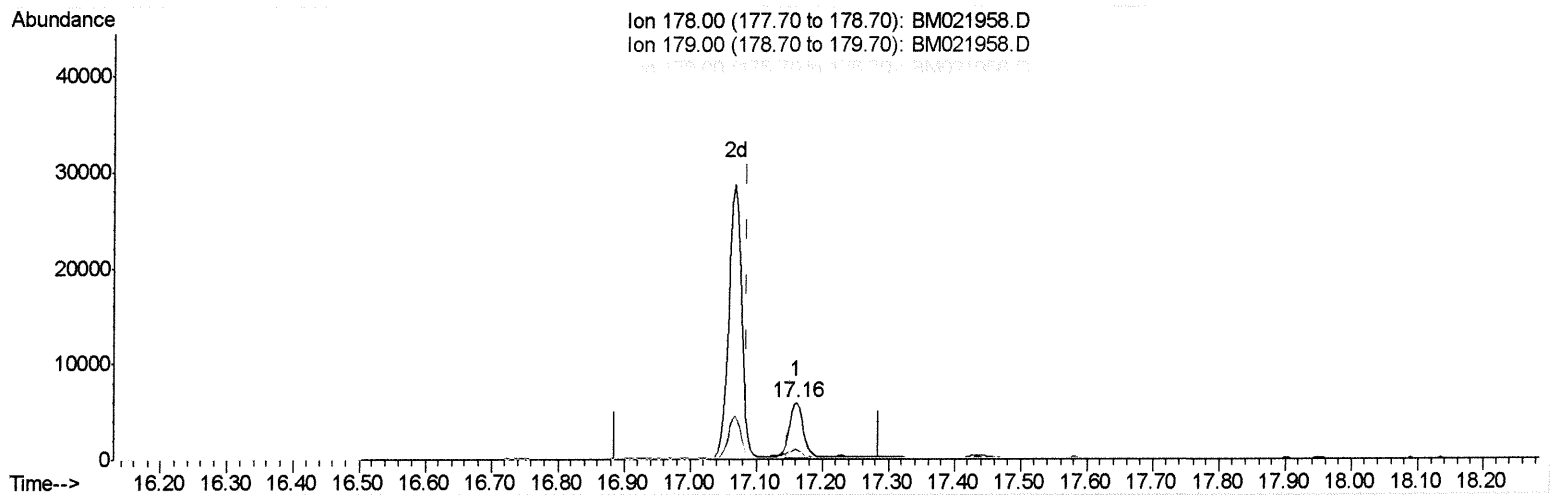
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.161min (+0.075) 0.50ng/ul

response 8955

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	17.61
176.00	21.00	19.89
0.00	0.00	0.00

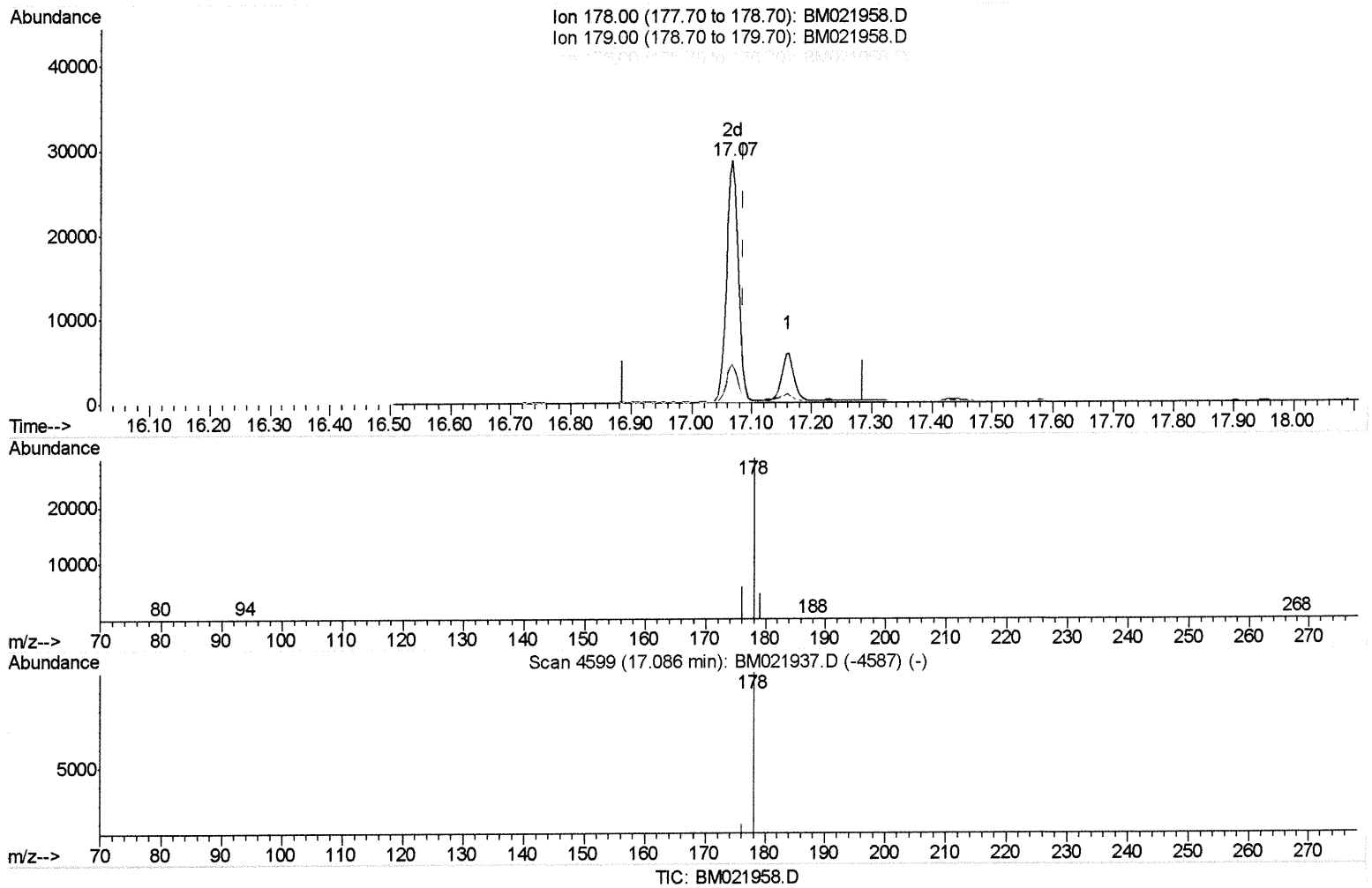
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(12) Phenanthrene

17.067min (-0.019) 2.18ng/ul m *JU 08/09/19*

response 38855

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.71
176.00	21.00	19.90
0.00	0.00	0.00

Quantitation Report (Qedit)

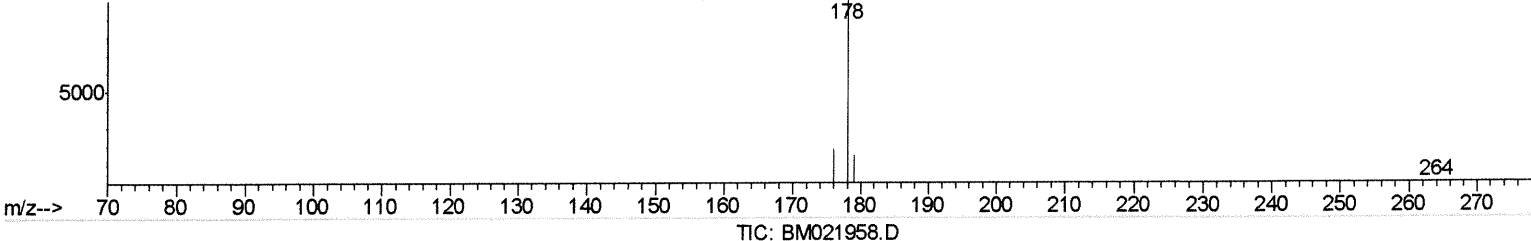
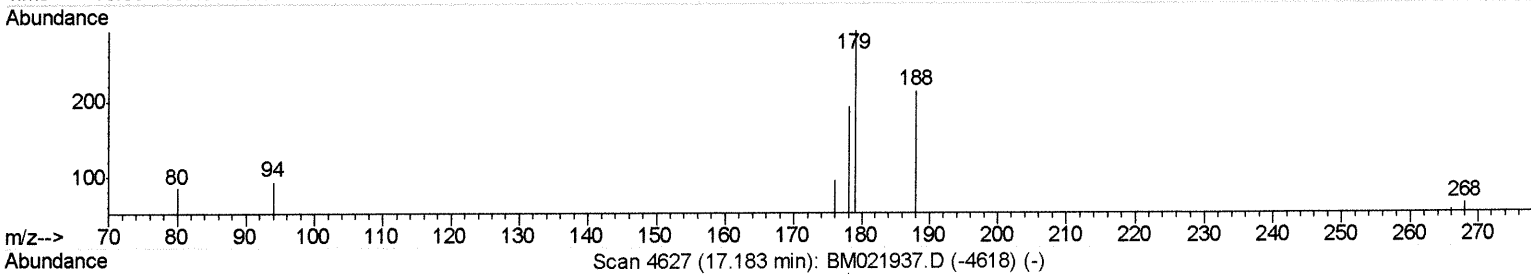
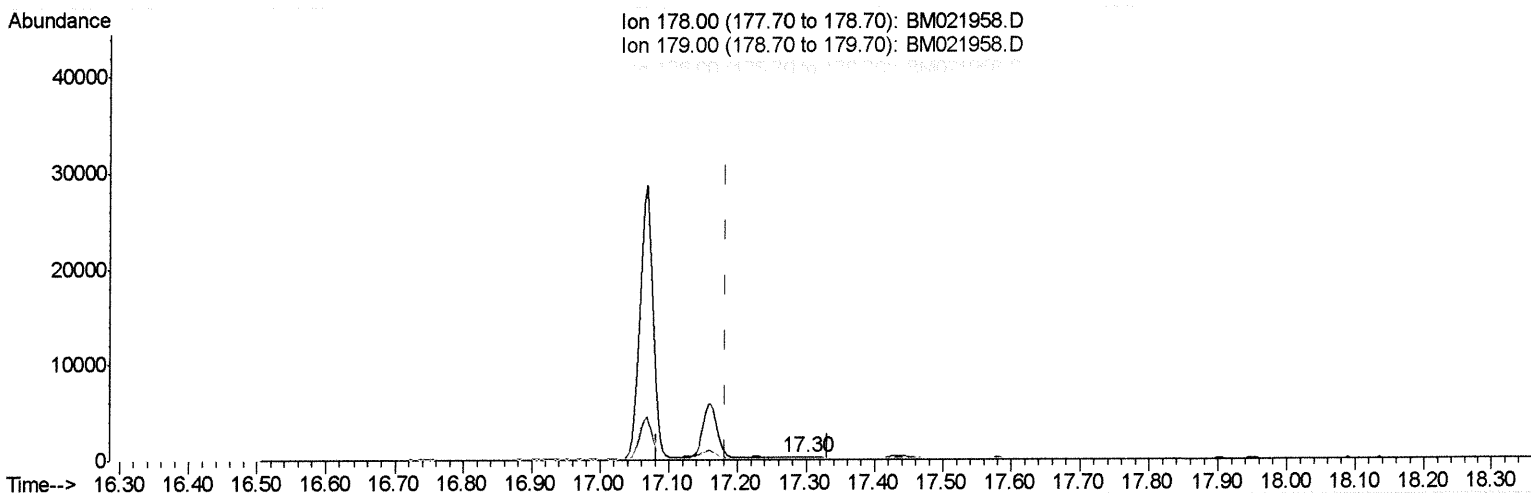
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
 Response via : Initial Calibration



(13) Anthracene

17.299min (+0.116) 0.01ng/ul

response 171

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	152.33#
176.00	20.80	48.70#
0.00	0.00	0.00

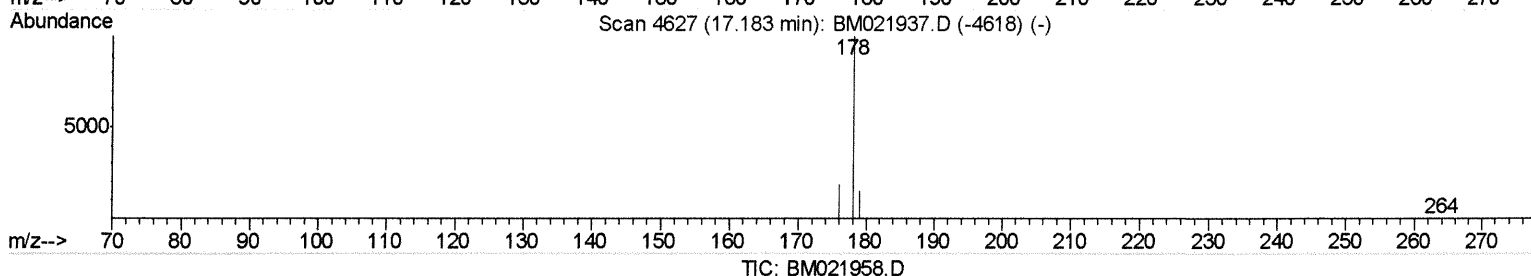
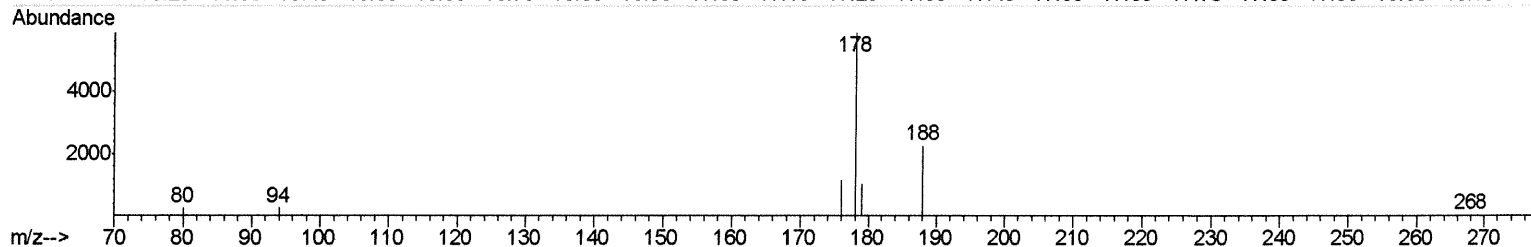
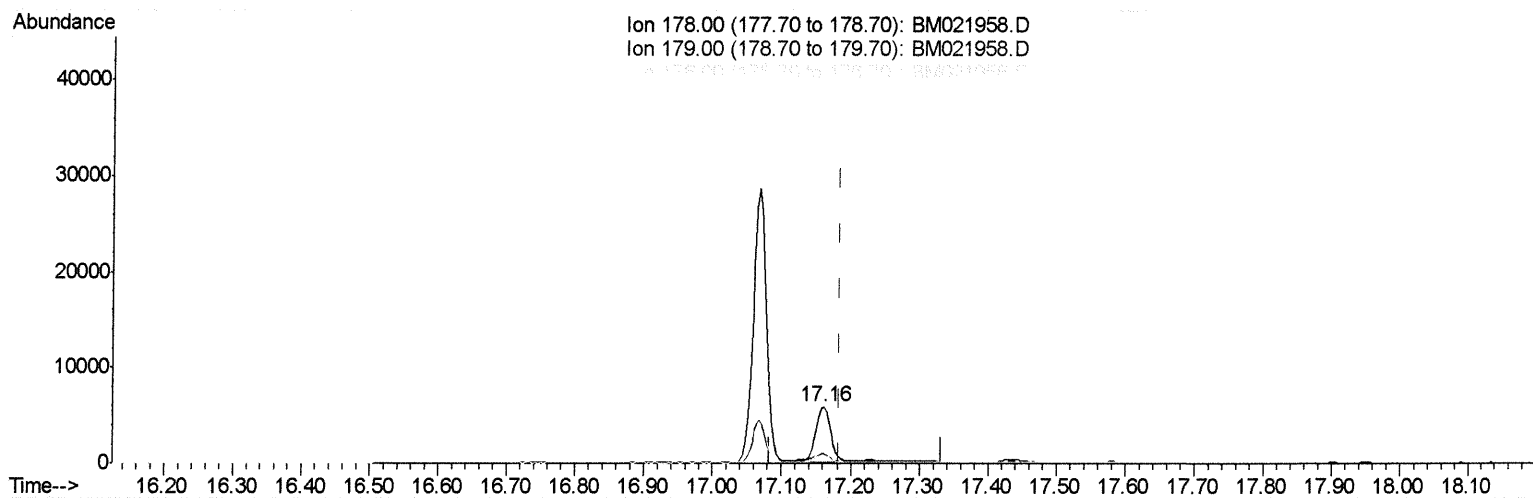
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(13) Anthracene

17.161min (-0.022) 0.56ng/ul m *JU 08/09/19*

response 8436

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	17.61
176.00	20.80	19.89
0.00	0.00	0.00

Quantitation Report (Qedit)

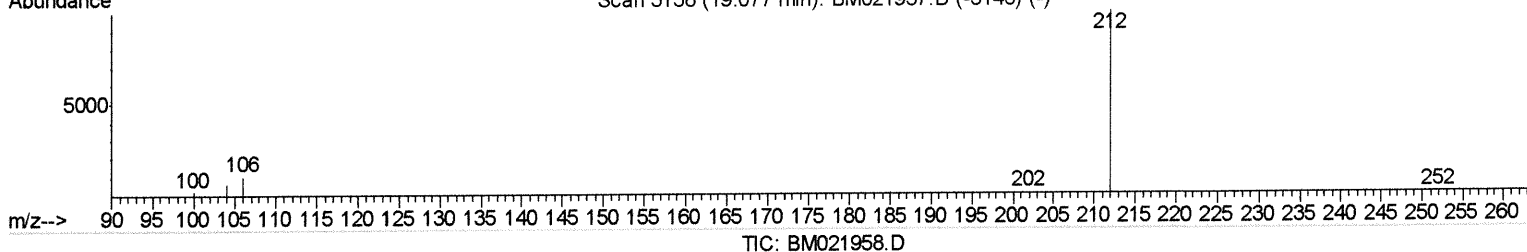
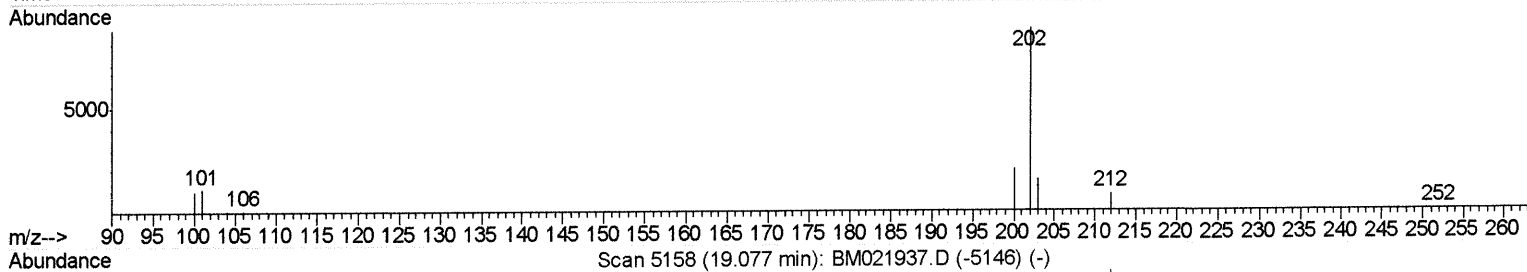
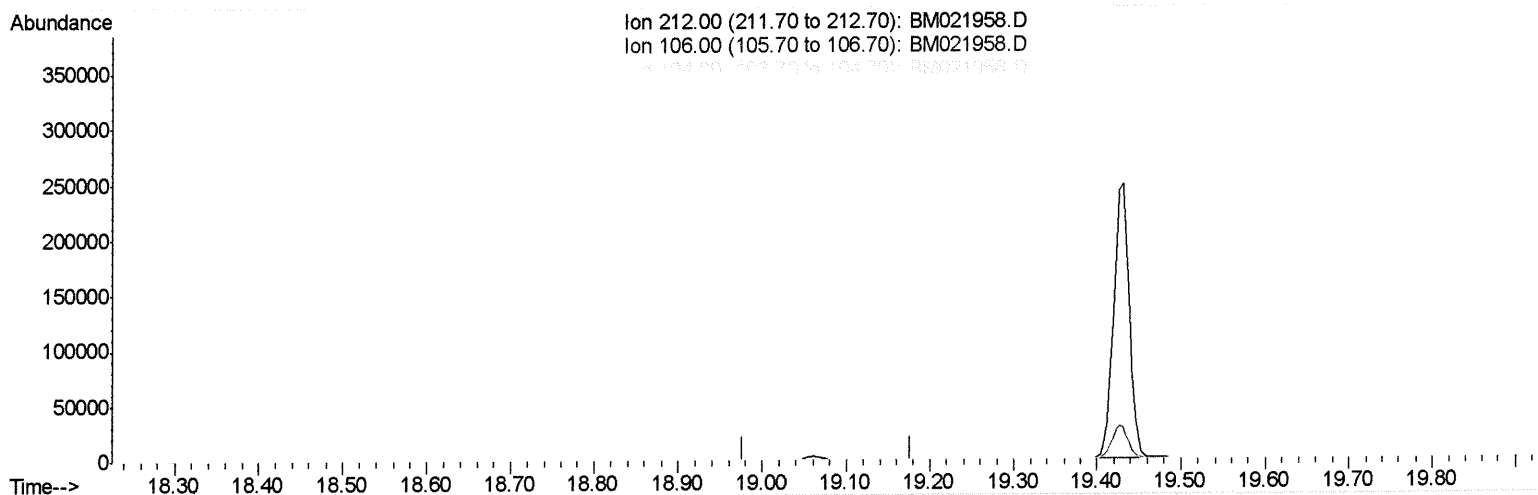
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 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

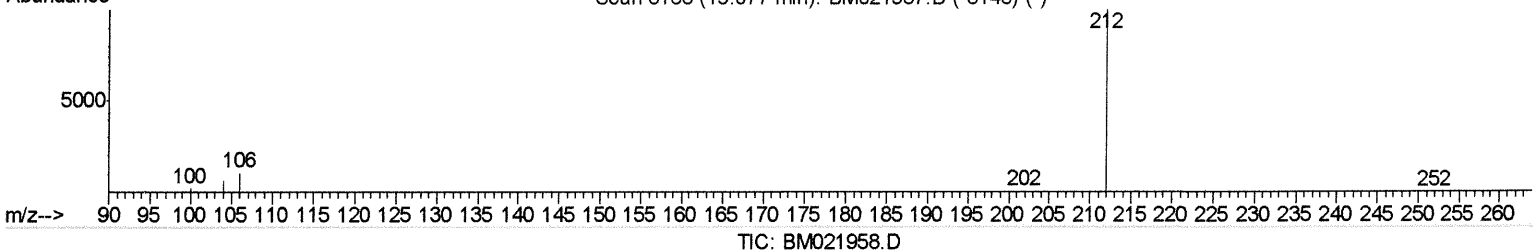
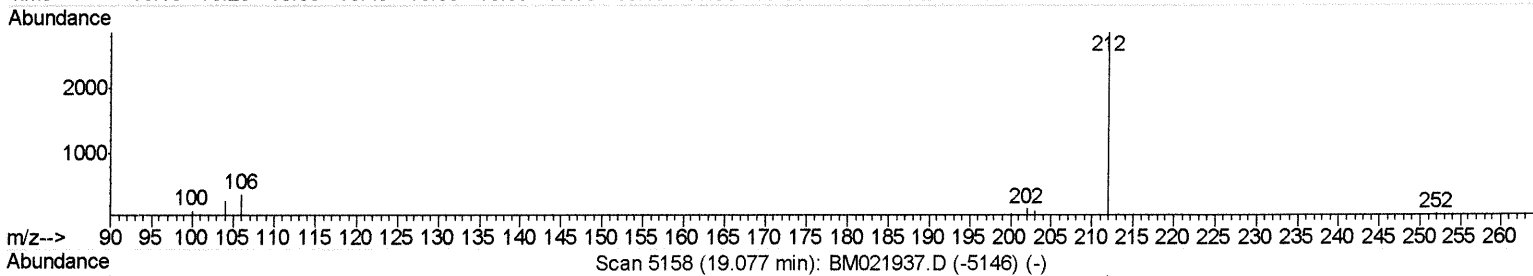
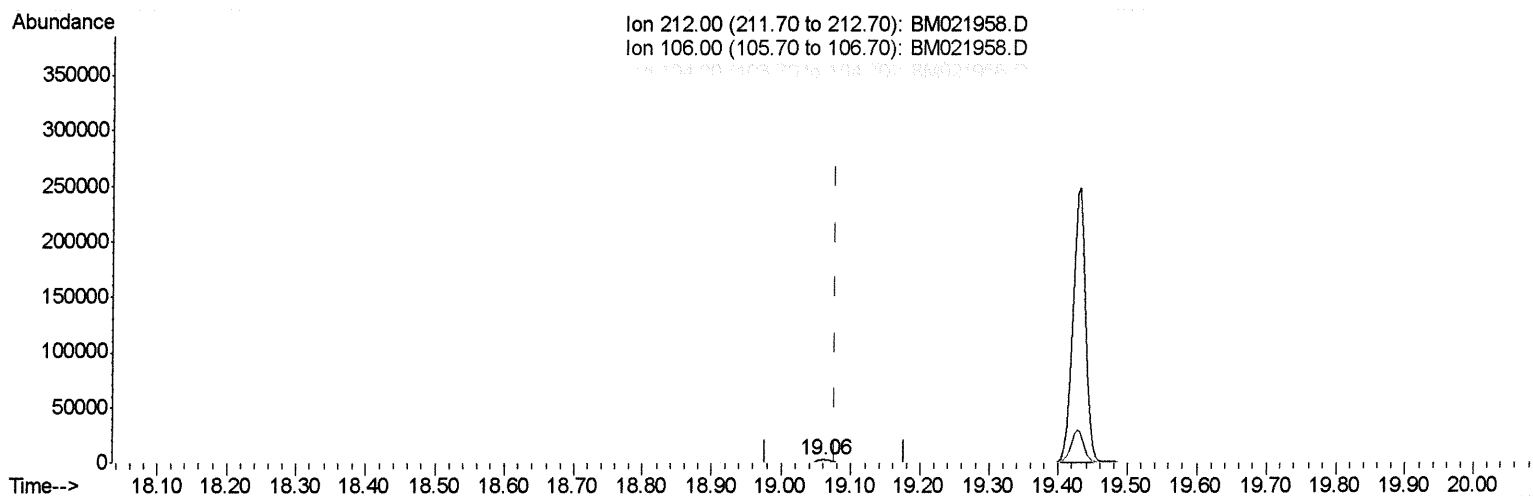
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.060min (-0.017) 0.19ng/ul m *JU* *08/09/19*

response 3895

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

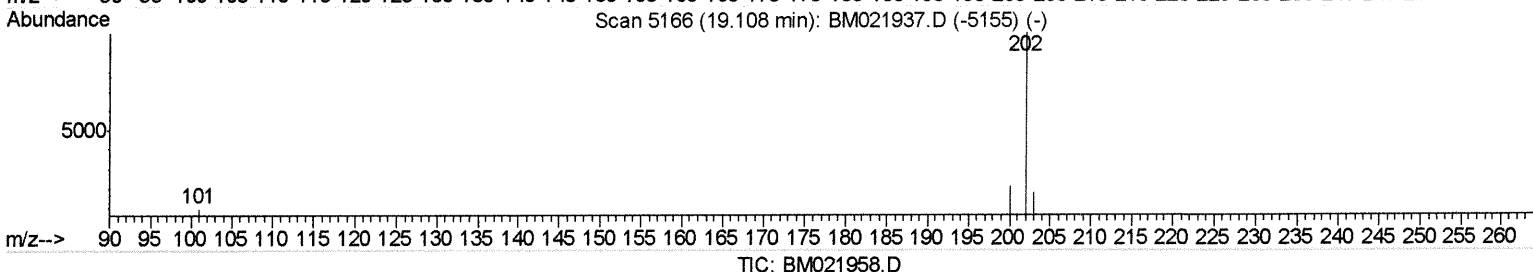
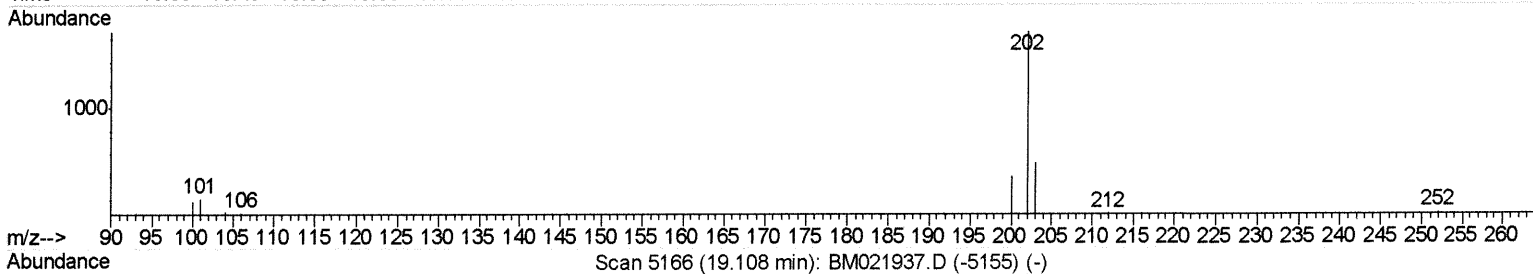
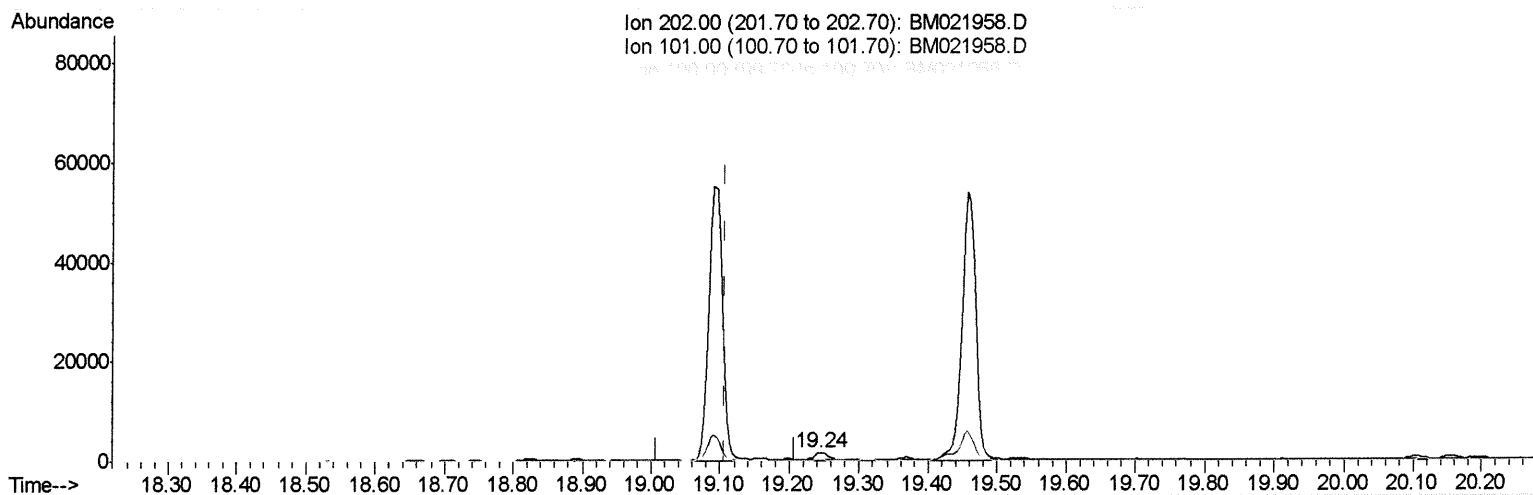
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.243min (+0.136) 0.08ng/ul

response 1897

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	12.48
100.00	8.10	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

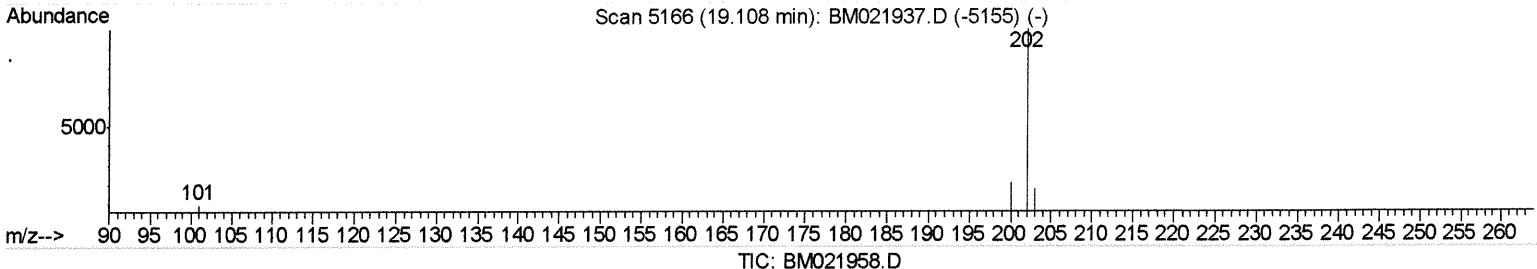
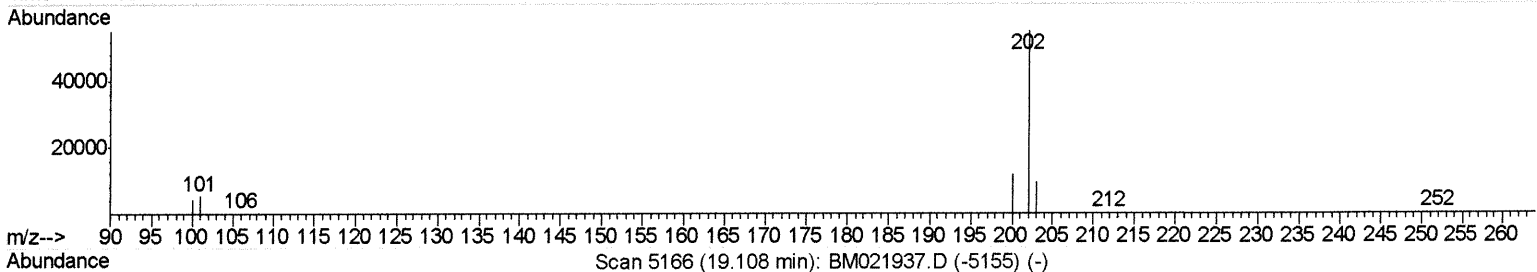
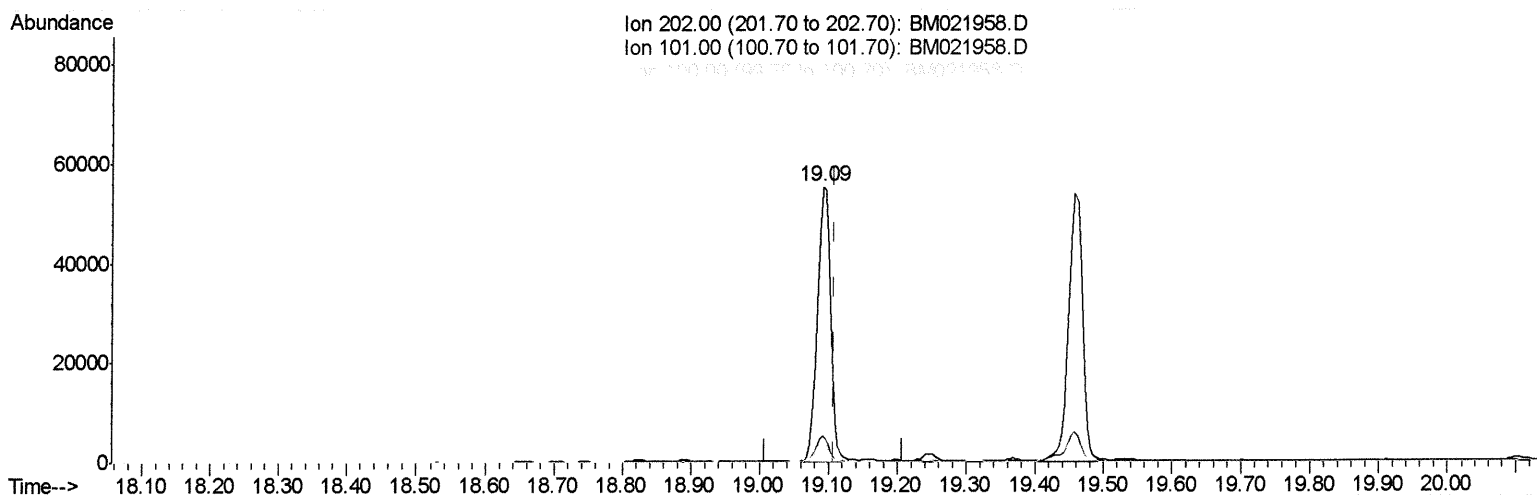
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.091min (-0.017) 3.15ng/ul m *JU 08/09/19*

response 75000

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.52
100.00	8.10	7.38
0.00	0.00	0.00

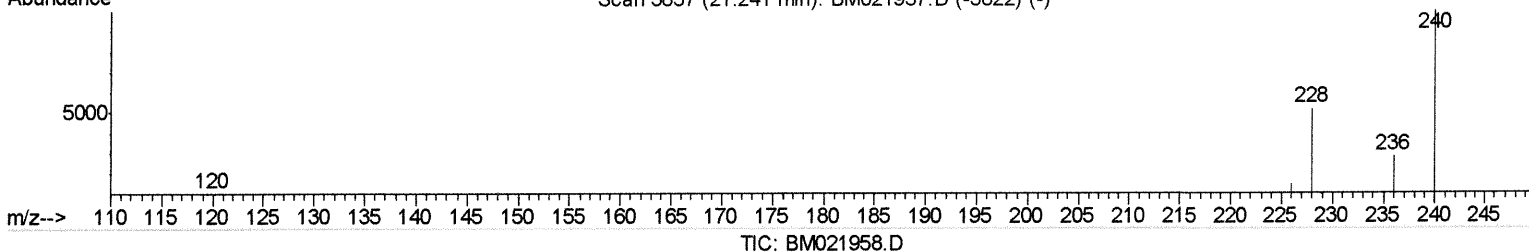
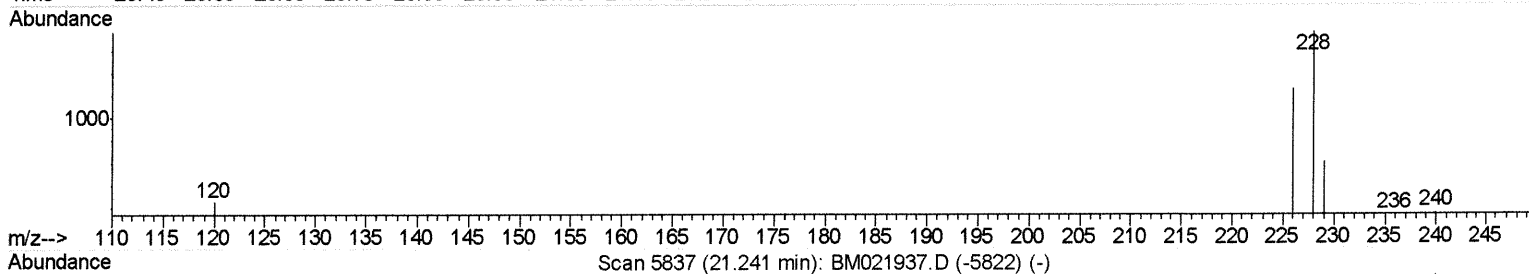
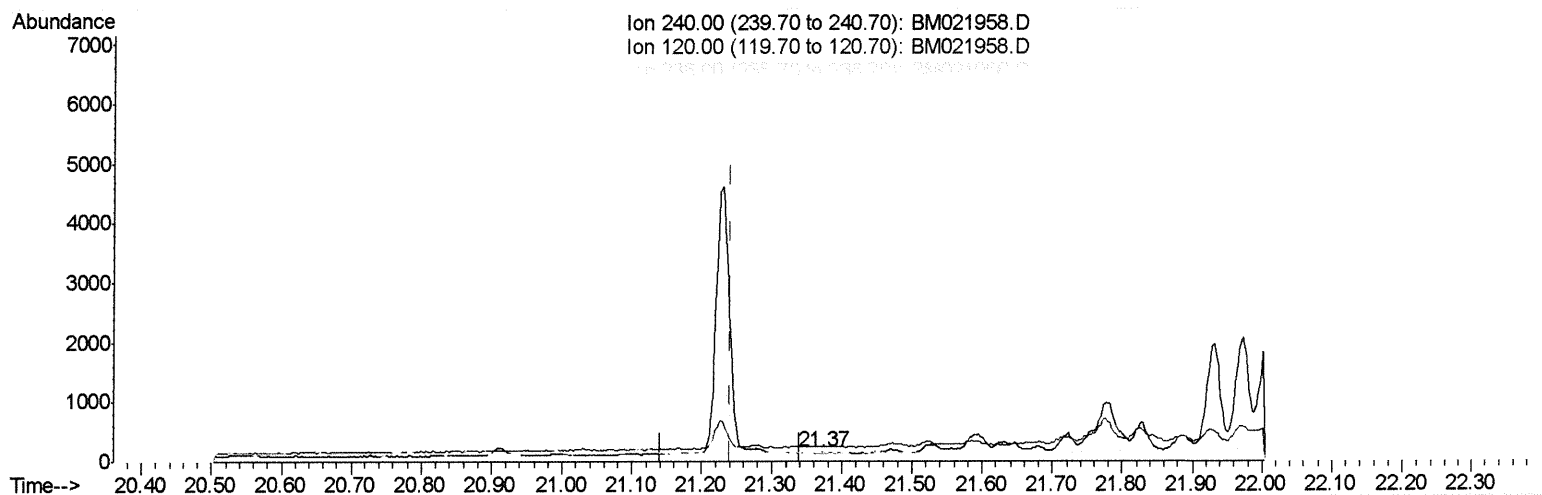
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.372min (+0.131) 0.40ng/ul

response 33

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	159.63#
236.00	32.30	91.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

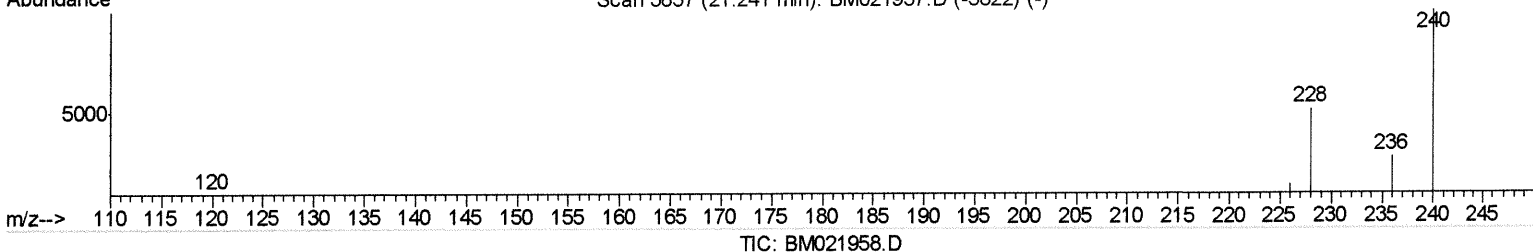
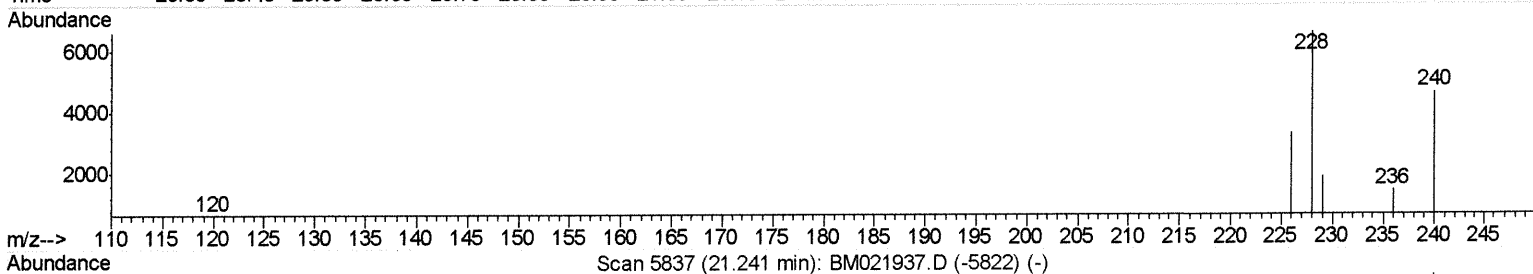
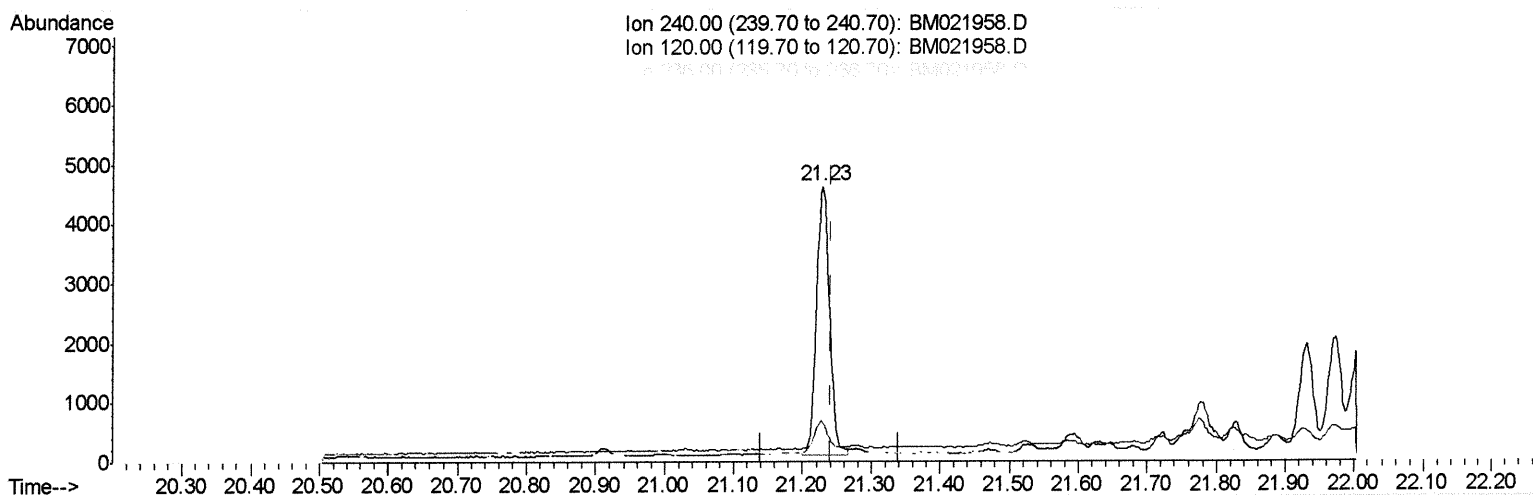
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:36:25 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 01:29:50 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.229min (-0.012) 0.40ng/ul m *50 08/09/19*

response 5918

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.55
236.00	32.30	31.02
0.00	0.00	0.00

Quantitation Report (Qedit)

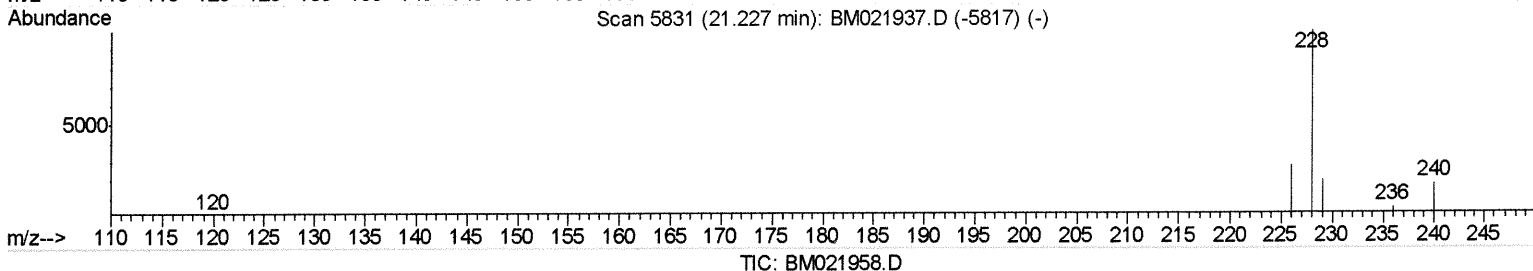
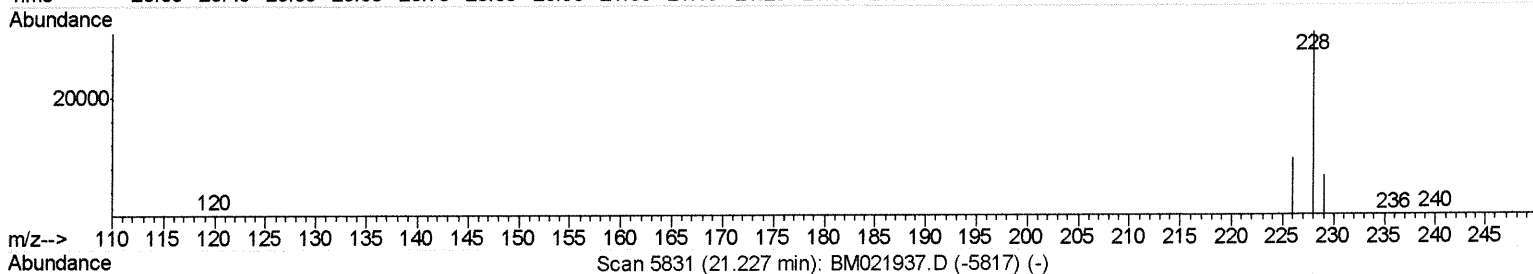
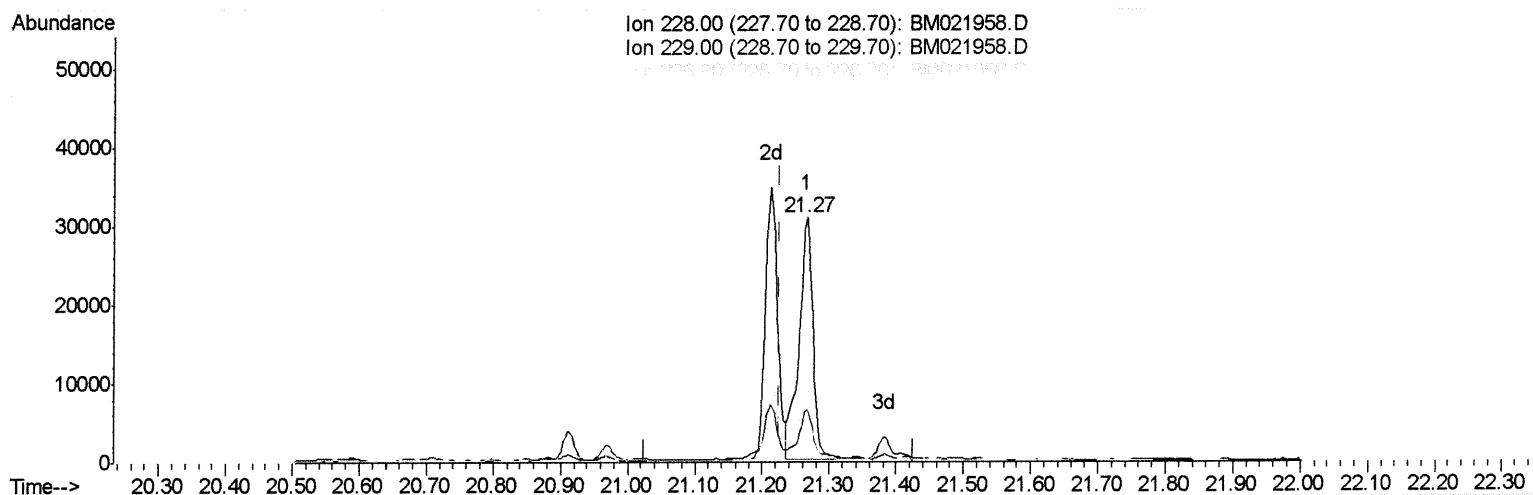
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:38:15 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 01:29:50 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.265min (+0.039) 2.12ng/ul

response 44798

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.56
226.00	28.30	31.12
0.00	0.00	0.00

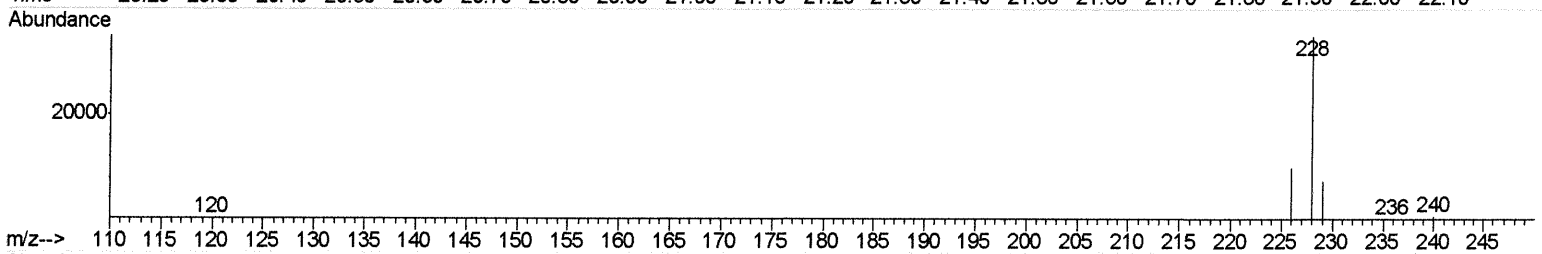
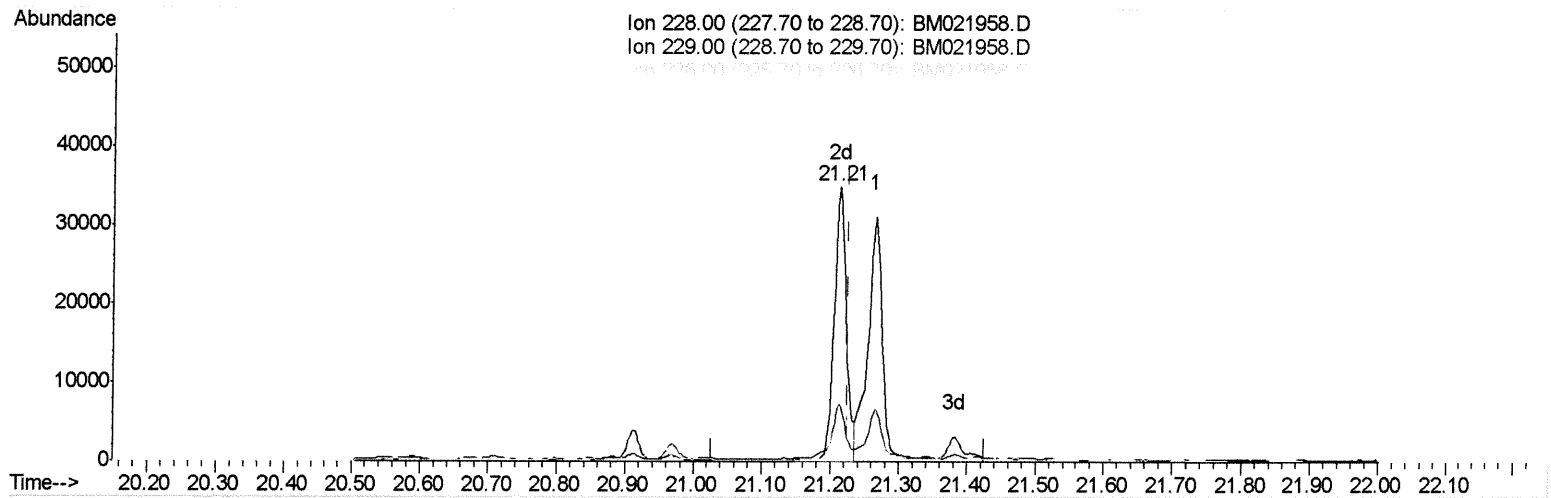
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX6

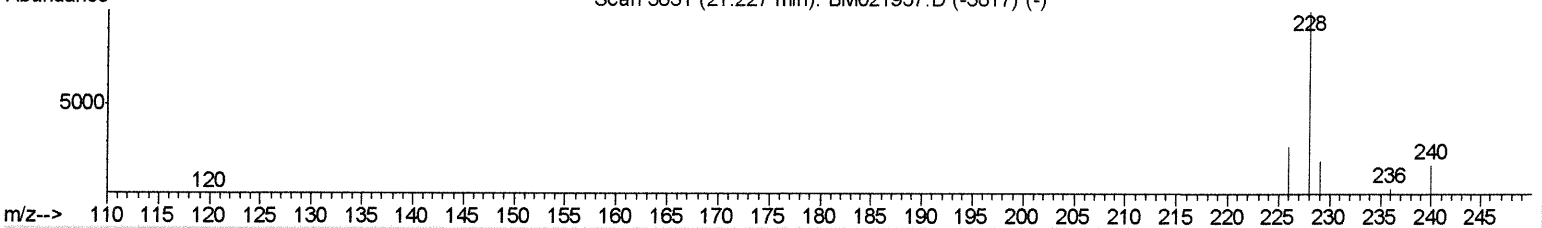
Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:38:15 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 01:29:50 2019
Response via : Initial Calibration



Scan 5831 (21.227 min): BM021937.D (-5817) (-)



TIC: BM021958.D

(18) Benzo(a)anthracene

21.212min (-0.015) 2.09ng/ul m

Ju 08/09/19

response 44144

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.98
226.00	28.30	28.72
0.00	0.00	0.00

Quantitation Report (Qedit)

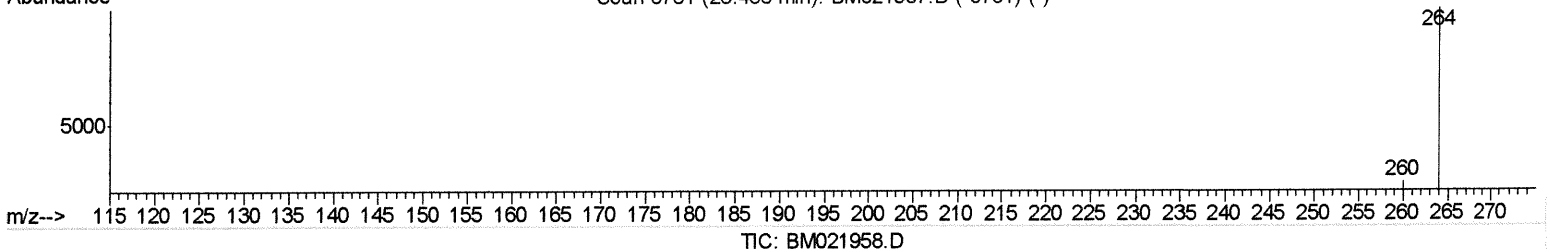
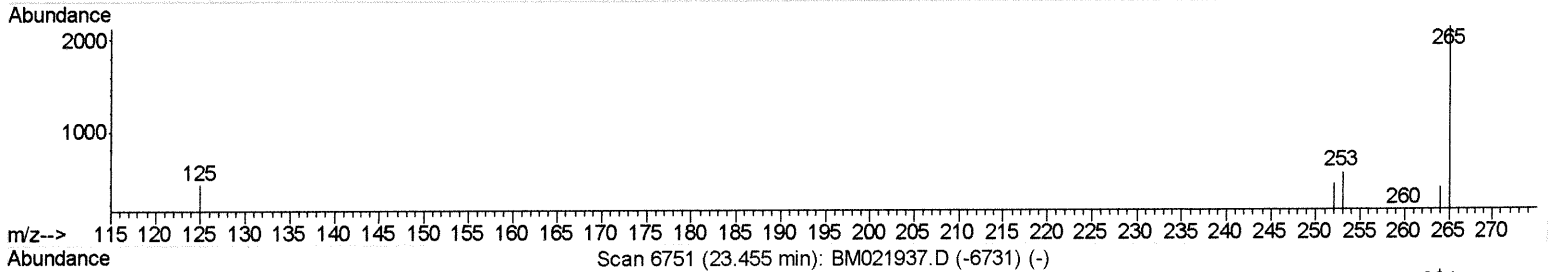
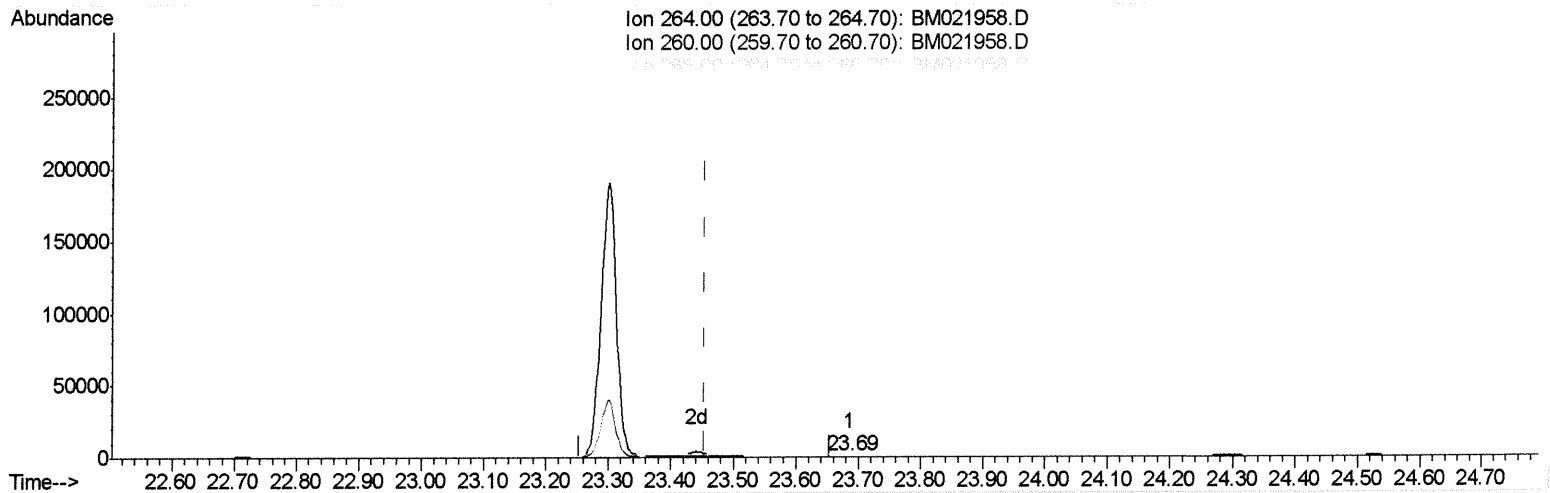
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:38:15 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 01:29:50 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.687min (+0.232) 0.40ng/ul

response 471

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	37.50#
265.00	117.00	577.72#
0.00	0.00	0.00

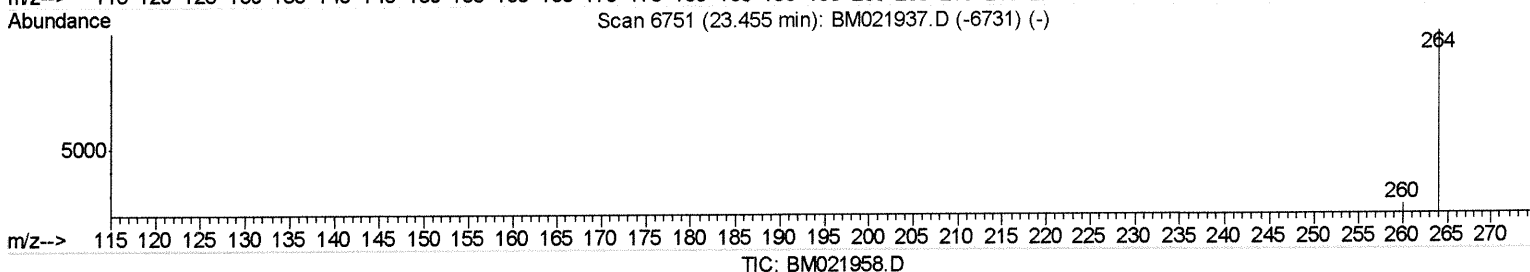
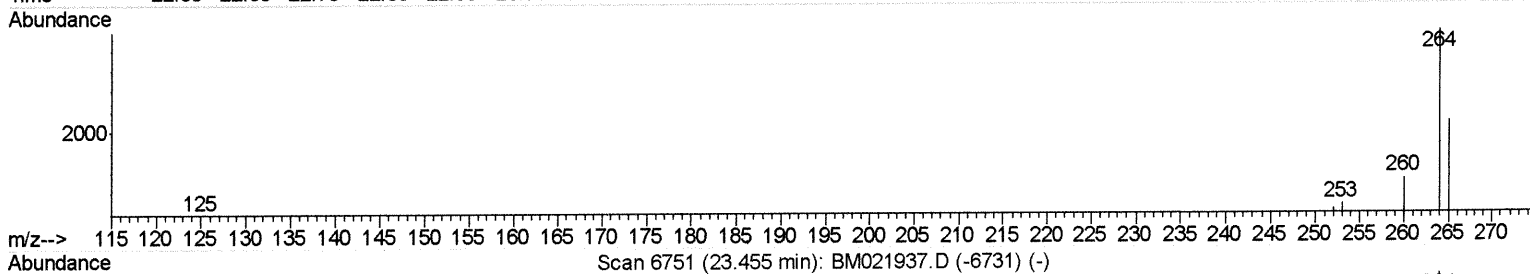
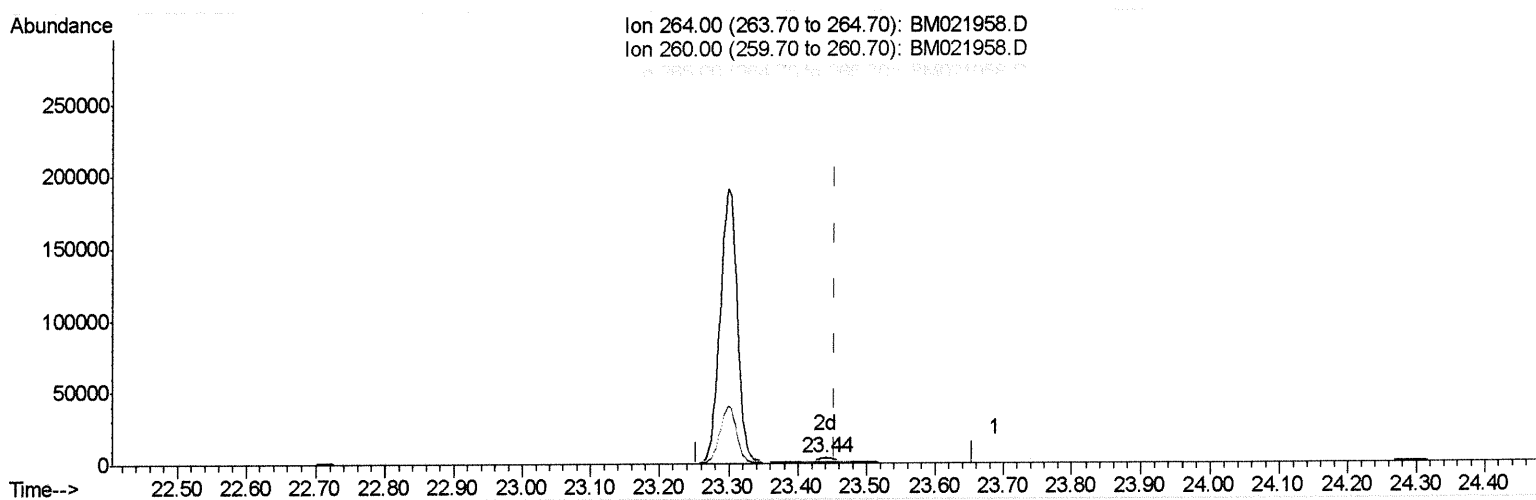
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:38:15 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 01:29:50 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.440min (-0.015) 0.40ng/ul m

JU 08/09/19

response 6102

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.74
265.00	117.00	54.63#
0.00	0.00	0.00

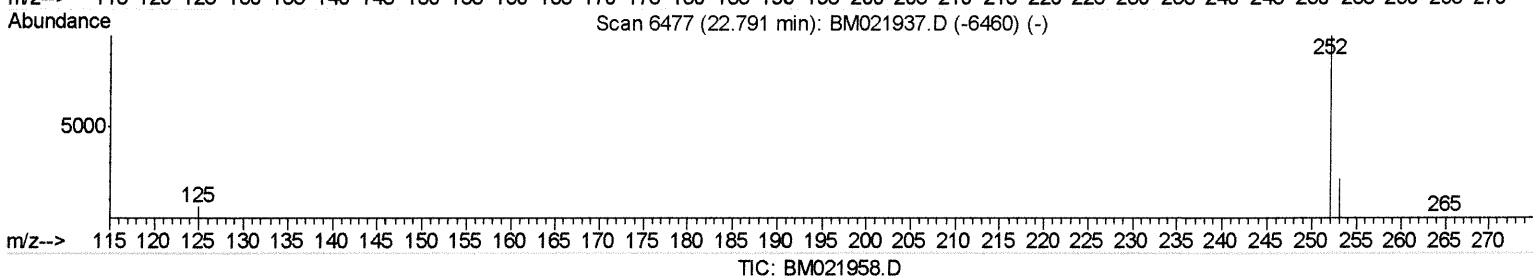
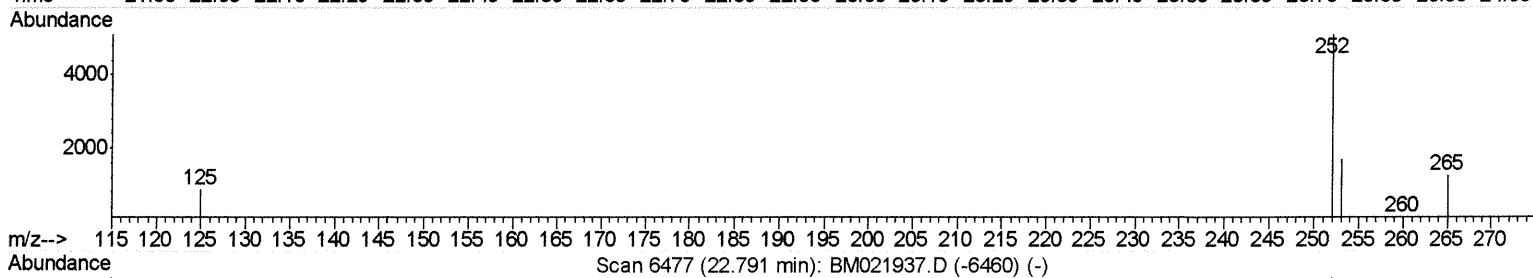
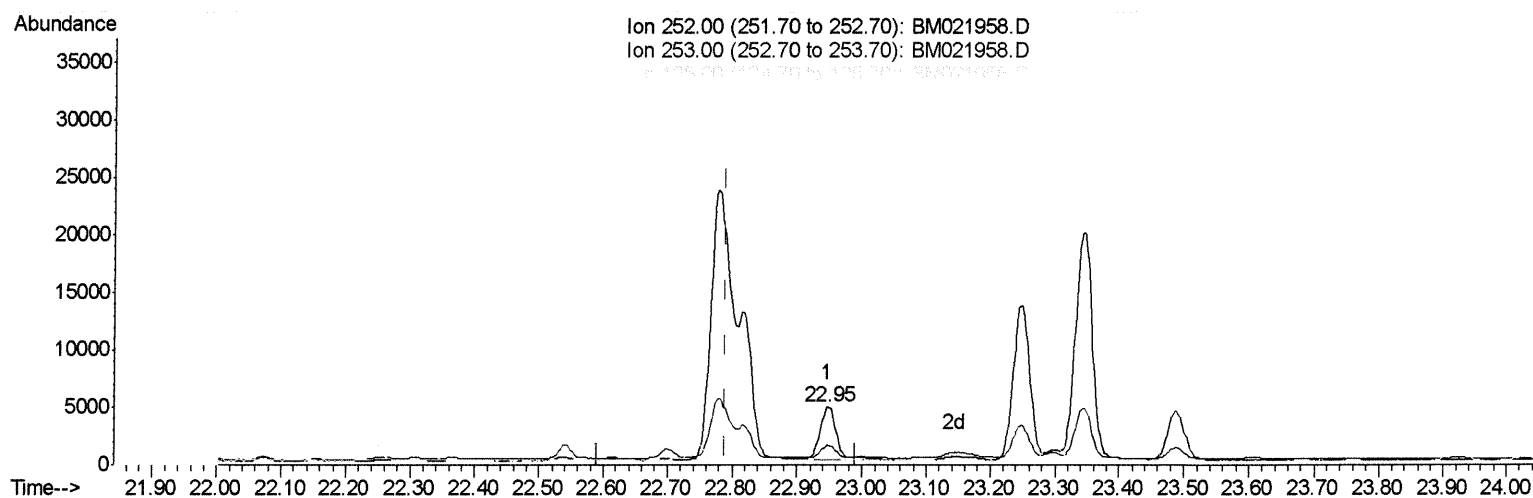
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.946min (+0.155) 0.41ng/ul

response 8431

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	33.42
125.00	15.50	16.98
0.00	0.00	0.00

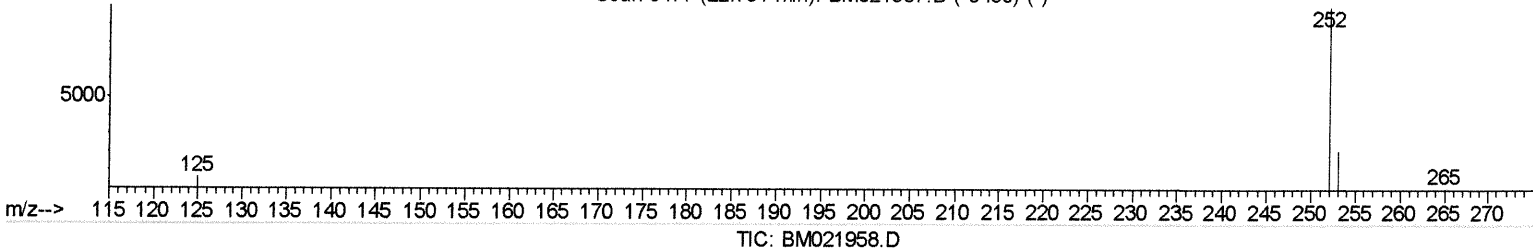
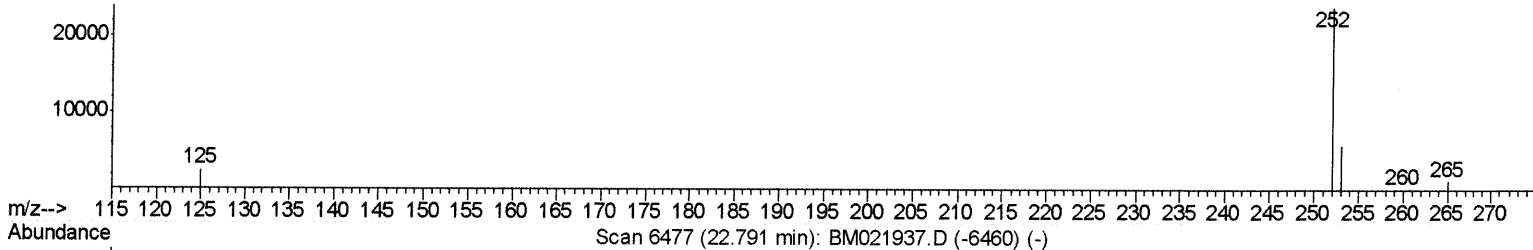
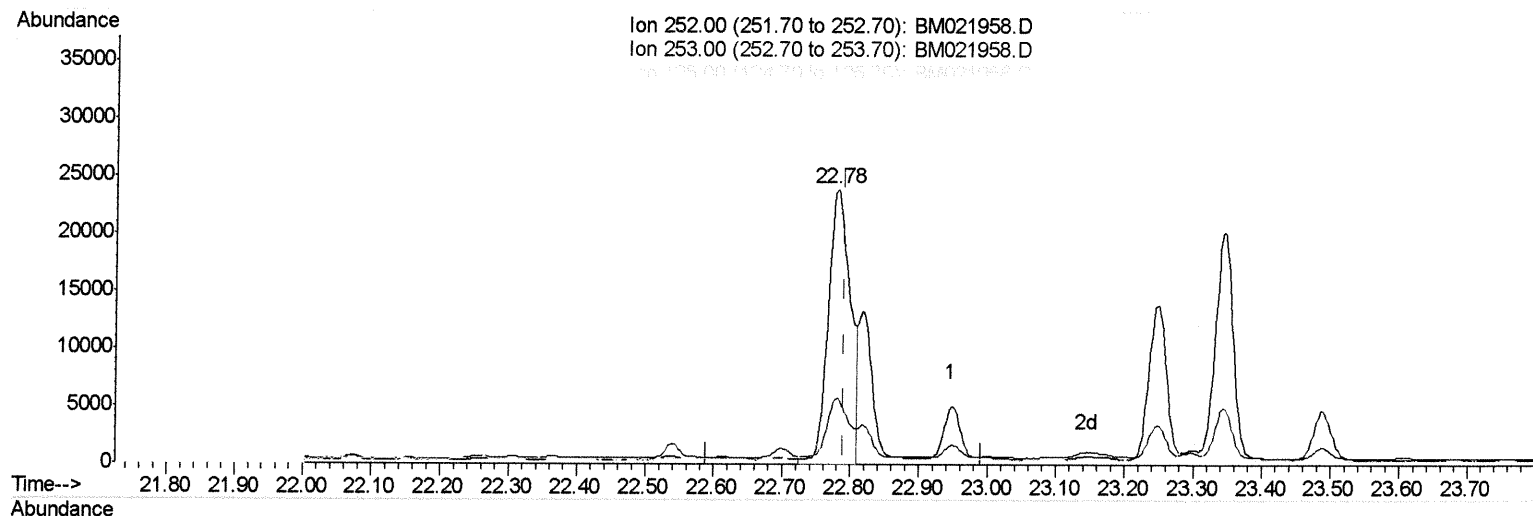
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.779min (-0.012) 2.59ng/ul m

JU
08/09/19

response 53347

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.08
125.00	15.50	10.08
0.00	0.00	0.00

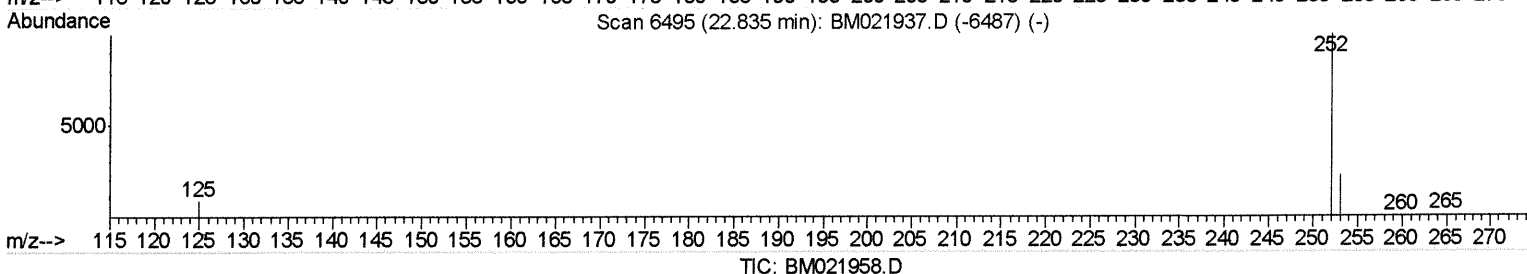
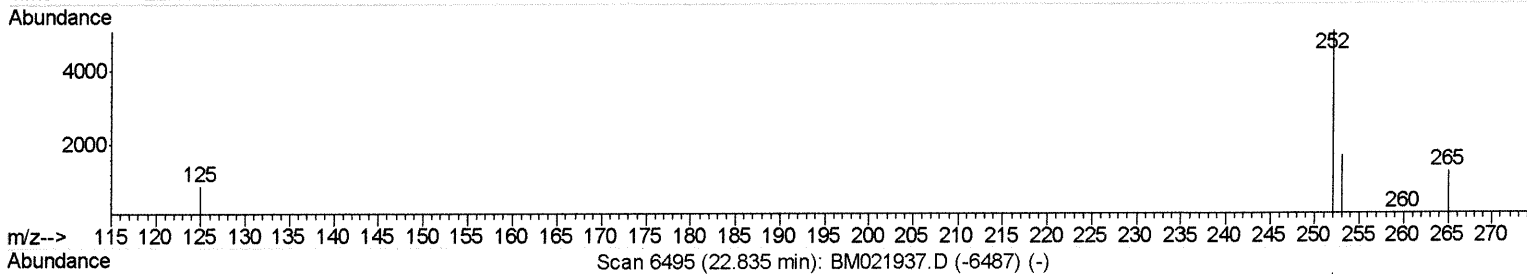
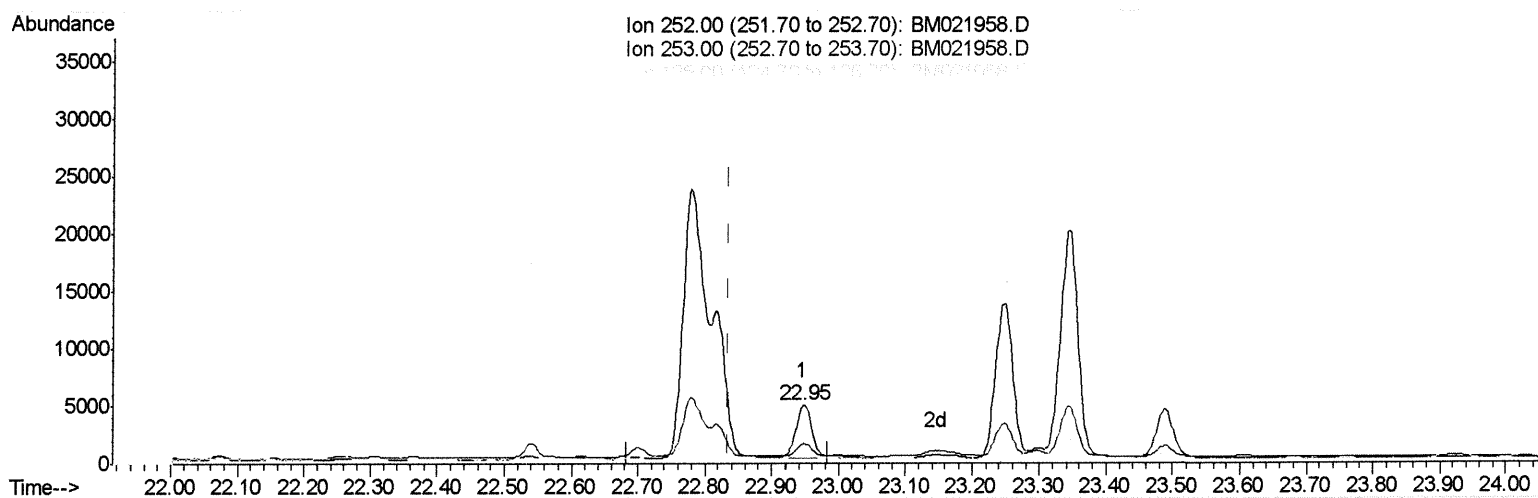
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.946min (+0.111) 0.36ng/ul

response 8371

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	33.42
125.00	15.20	16.98
0.00	0.00	0.00

Quantitation Report (Qedit)

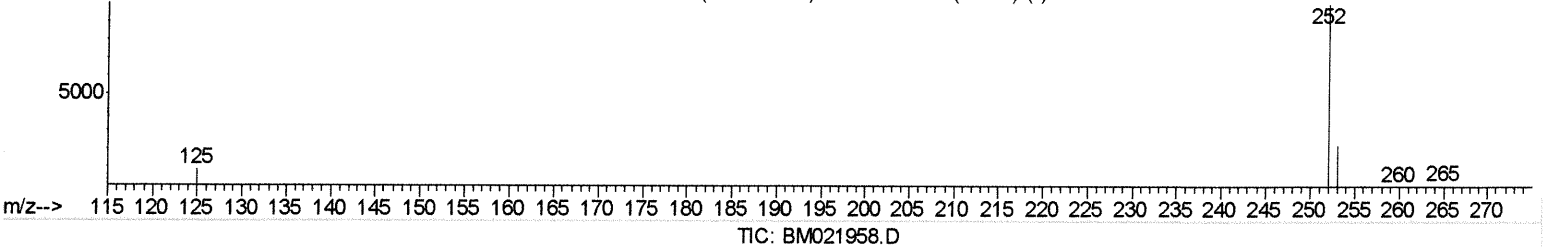
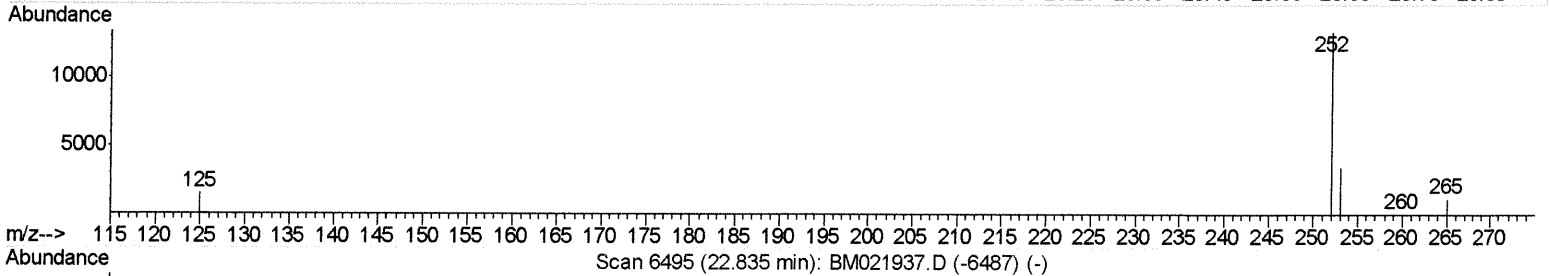
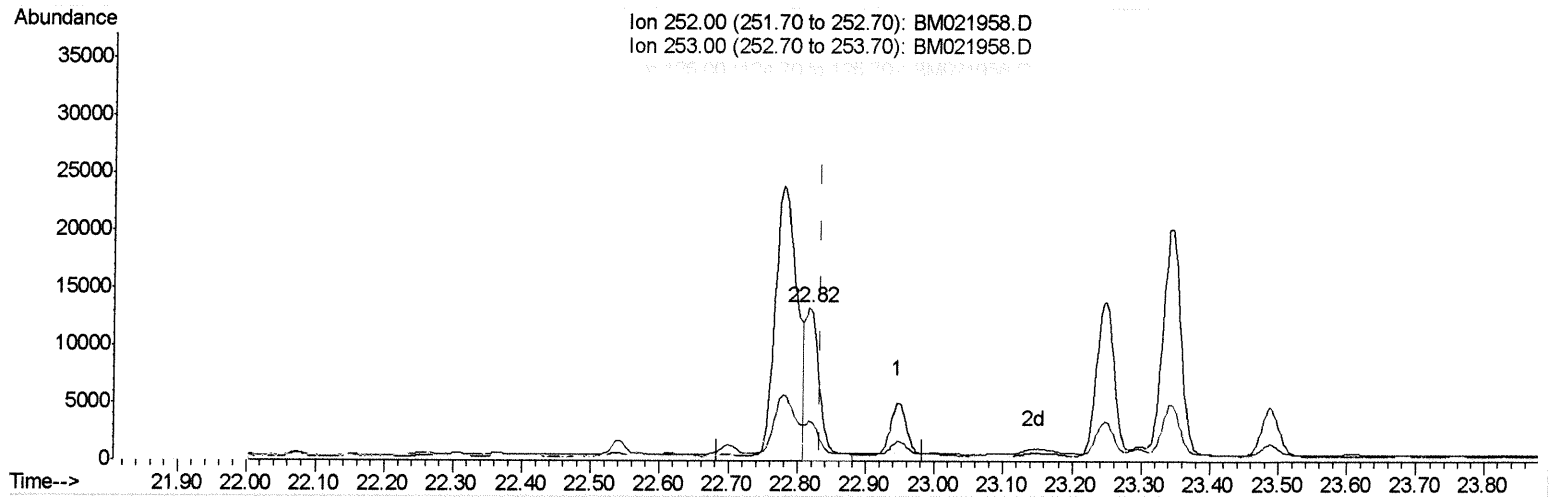
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.817min (-0.017) 0.86ng/ul m

response 20060

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.80#
125.00	15.20	11.49#
0.00	0.00	0.00

JU
08/09/19

Quantitation Report (Qedit)

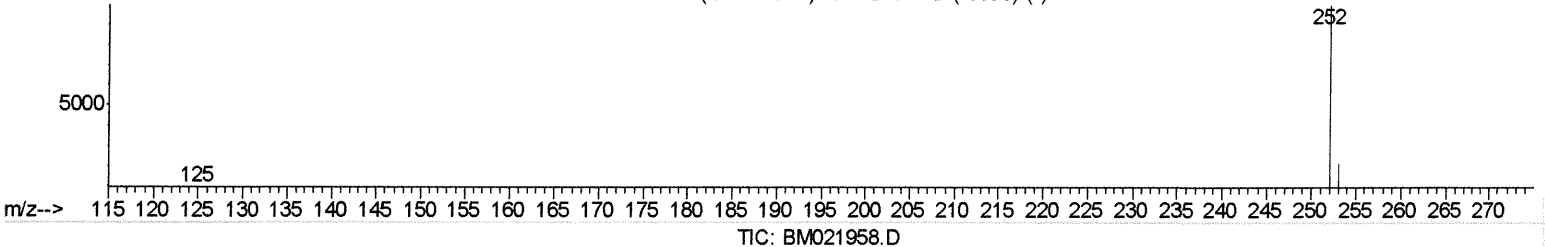
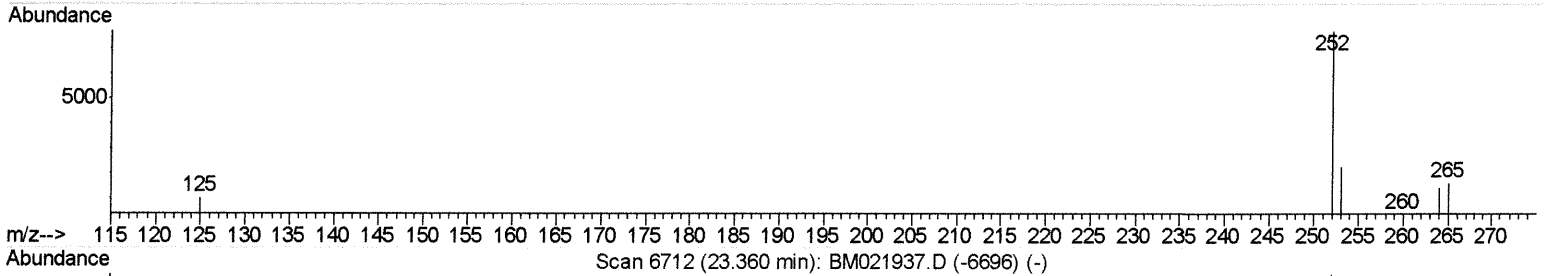
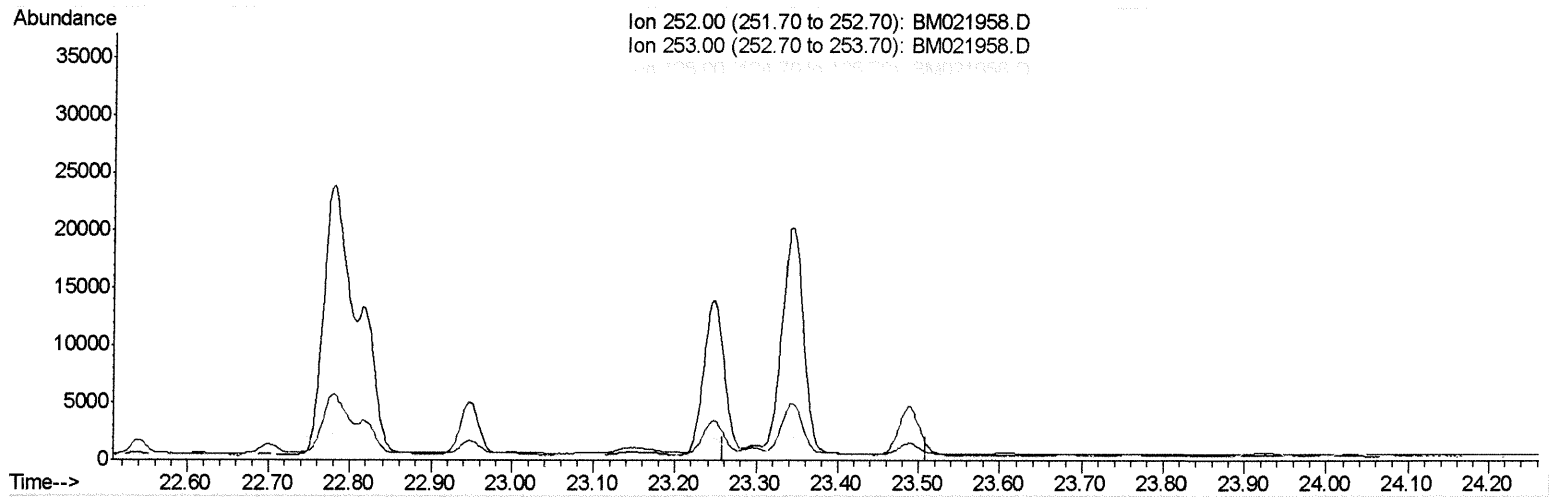
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.360min (-23.360) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

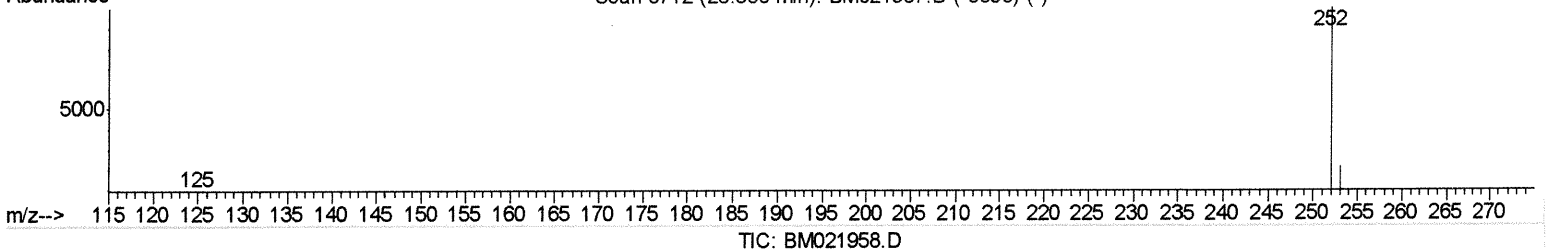
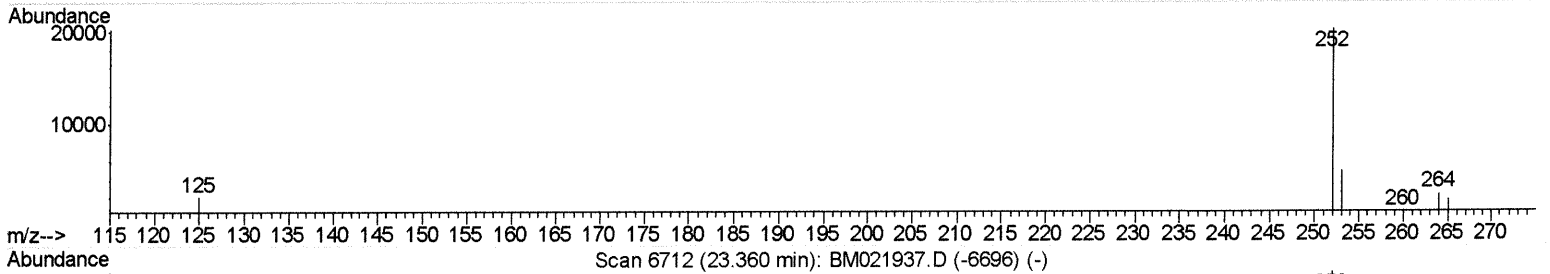
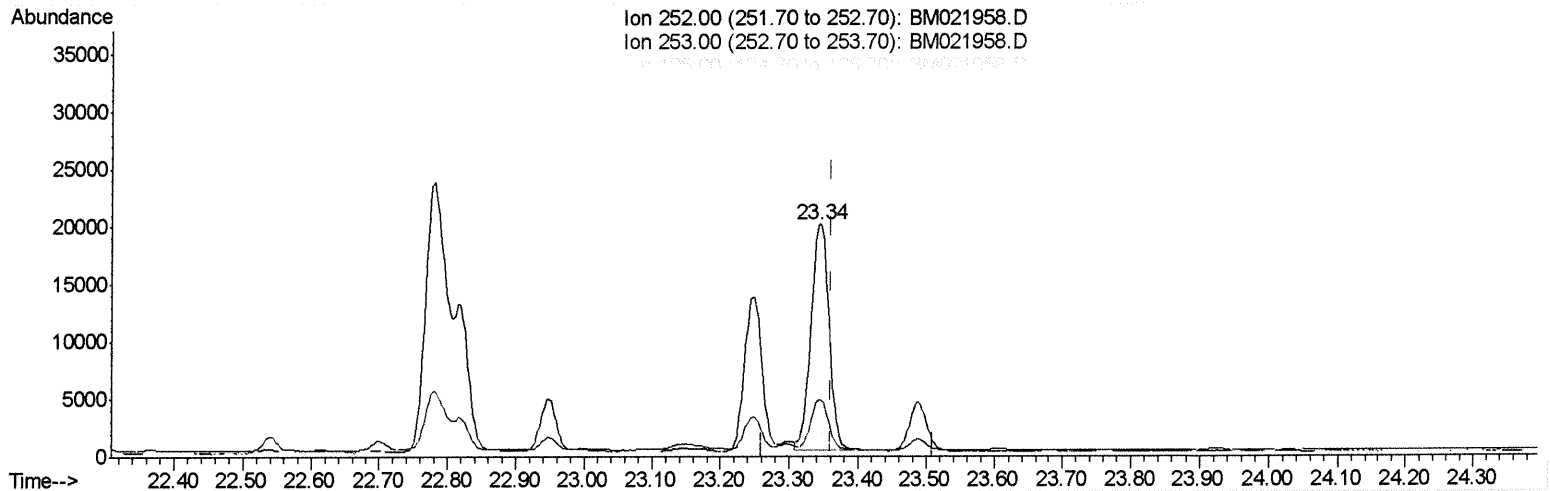
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.343min (-0.017) 1.74ng/ul m

JU
 08/09/19

response 36447

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.35#
125.00	18.20	10.51#
0.00	0.00	0.00

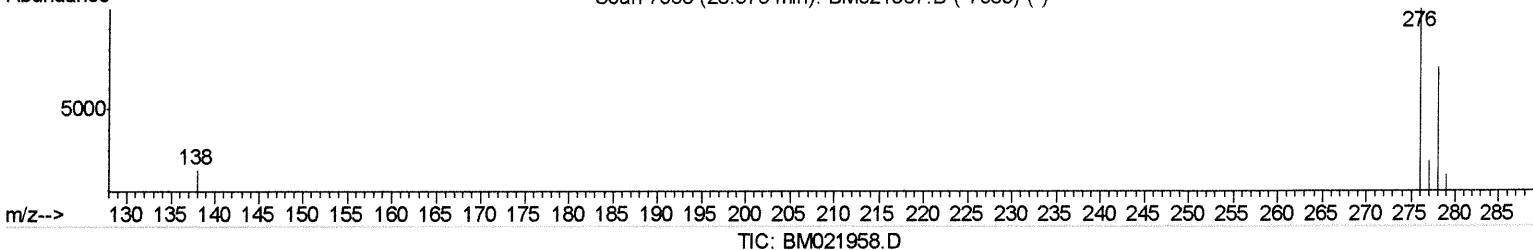
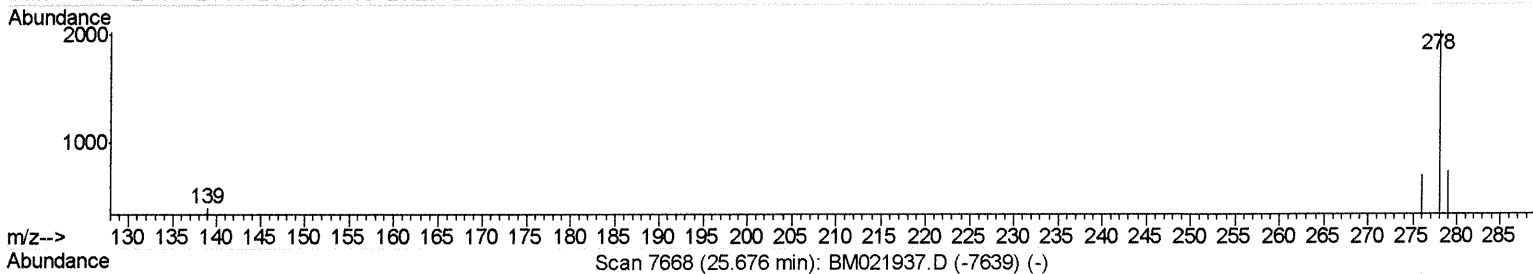
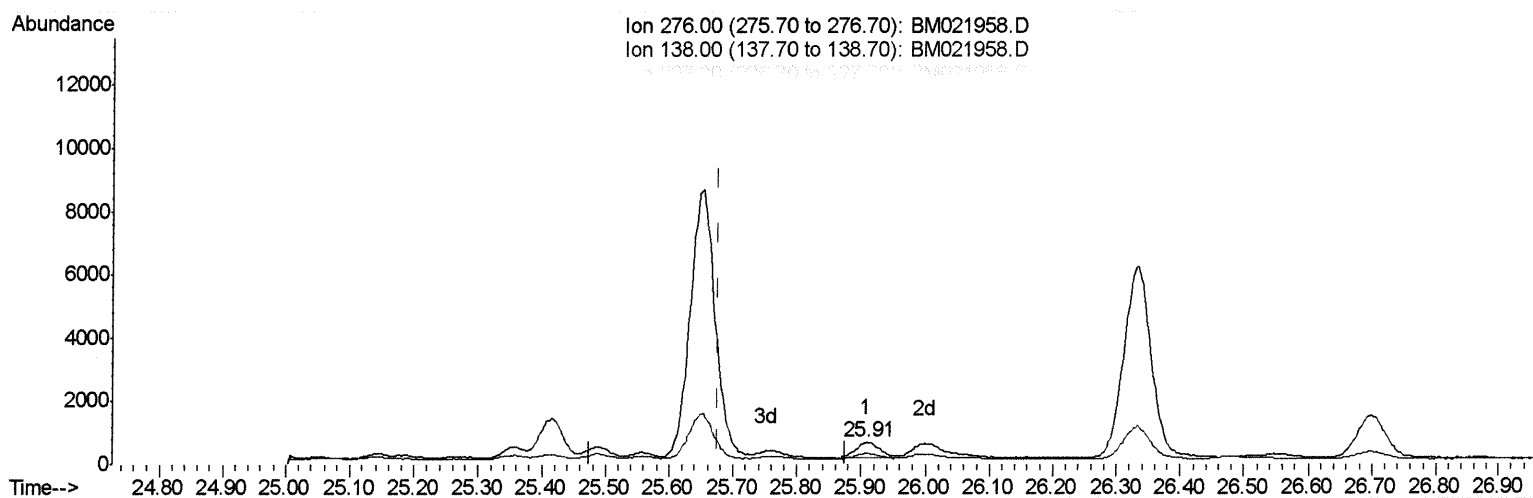
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



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

25.909min (+0.232) 0.06ng/ul

response 1376

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	43.24#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

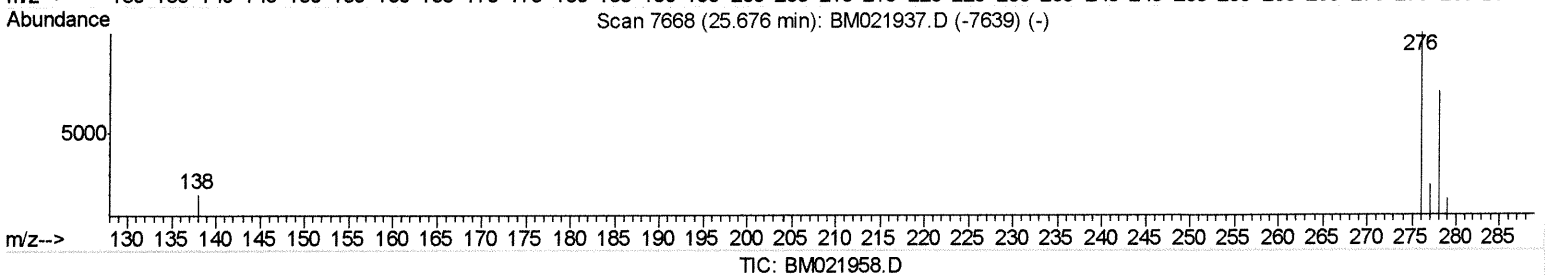
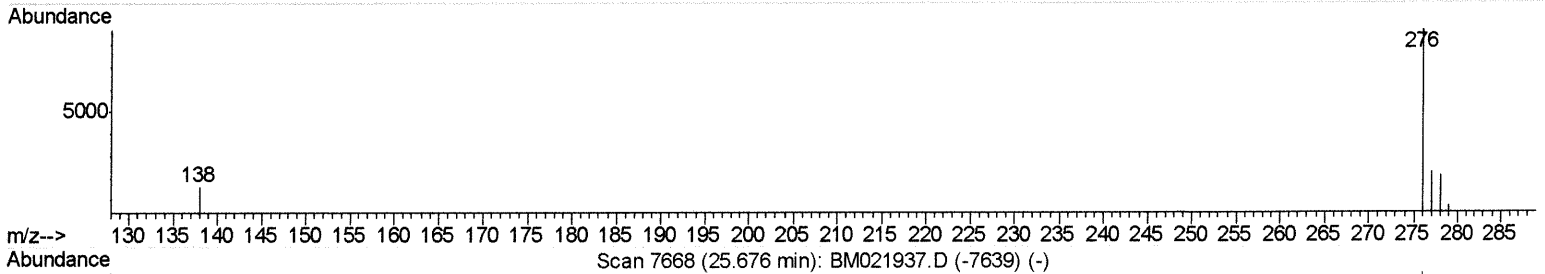
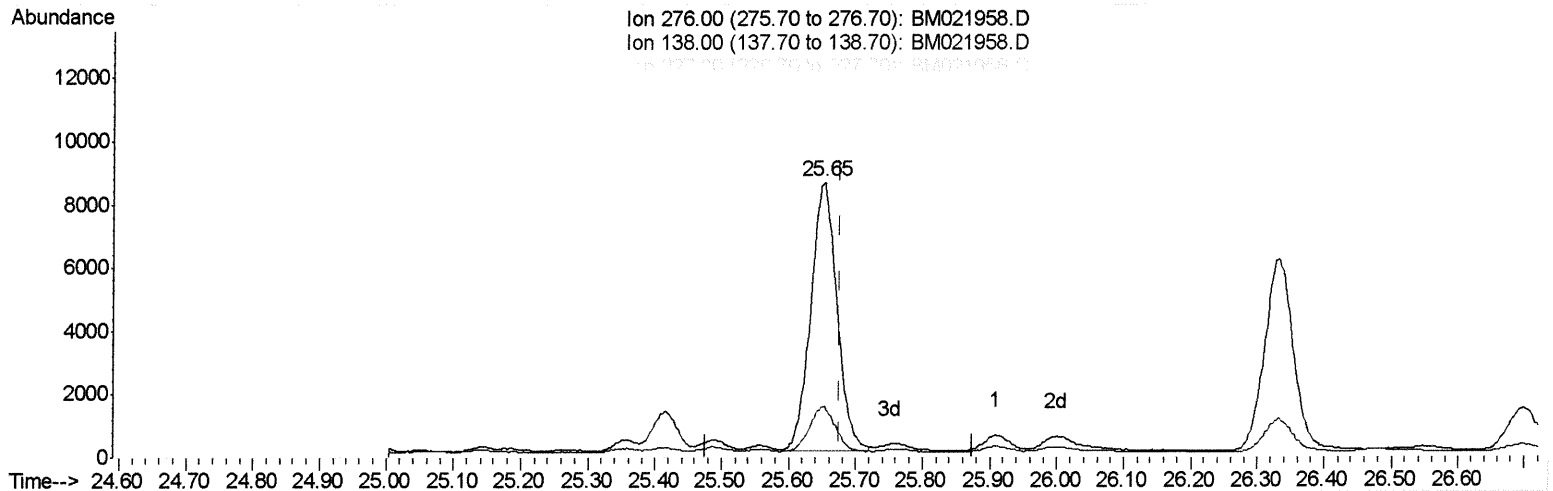
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
 Response via : Initial Calibration



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

25.652min (-0.024) 0.93ng/ul m *JU 08/09/19*

response 23177

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.57#
227.00	0.00	0.00
0.00	0.00	0.00

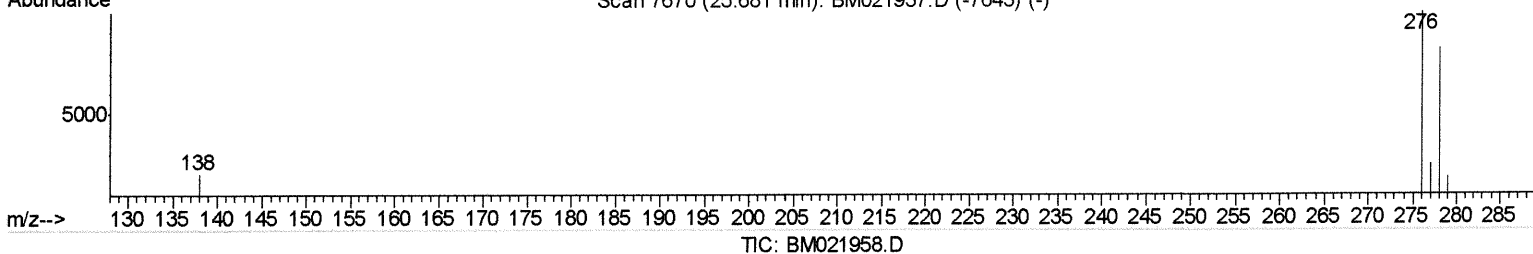
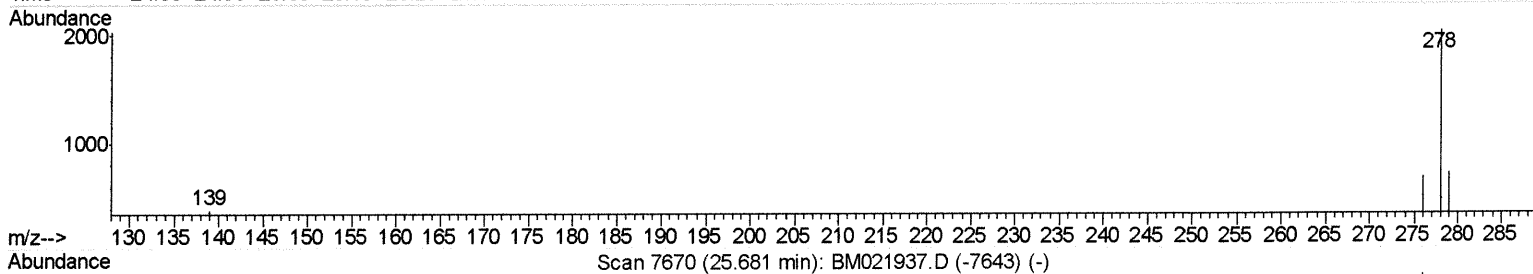
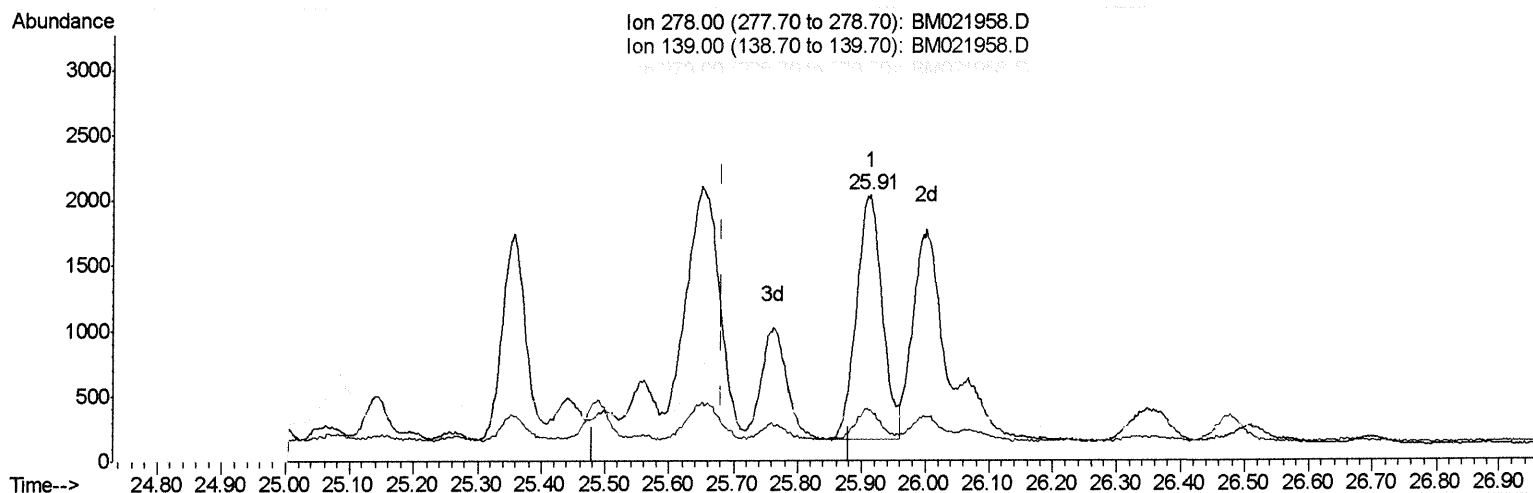
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.914min (+0.232) 0.26ng/ul

response 5269

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.46
279.00	35.40	35.53
0.00	0.00	0.00

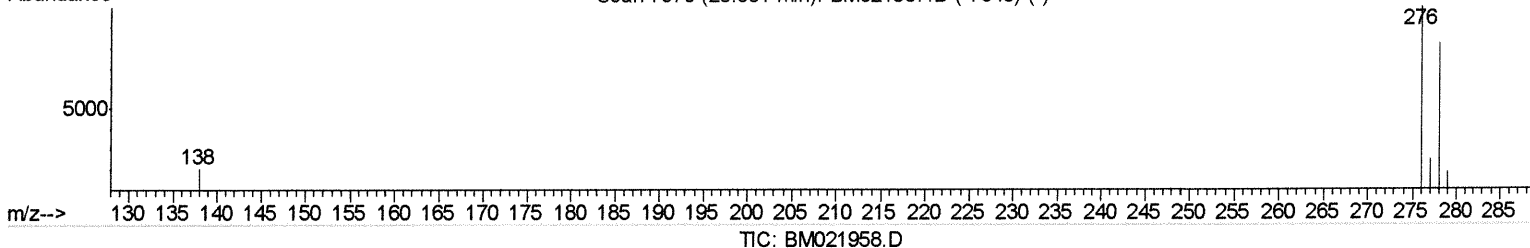
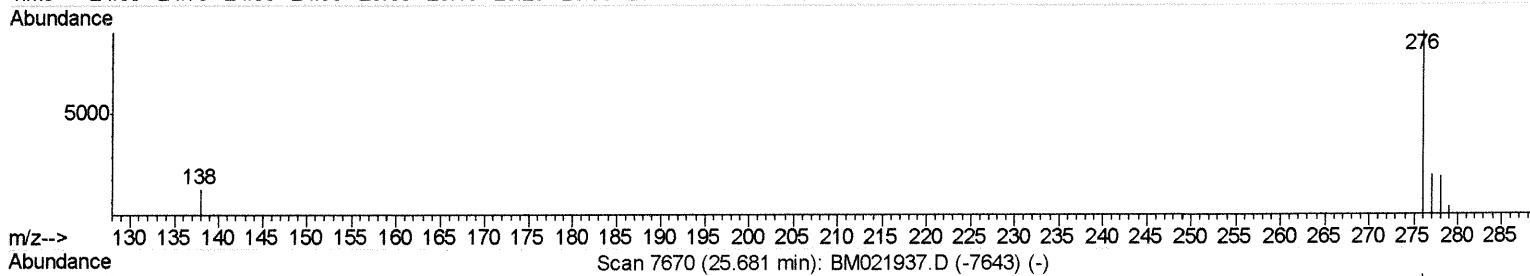
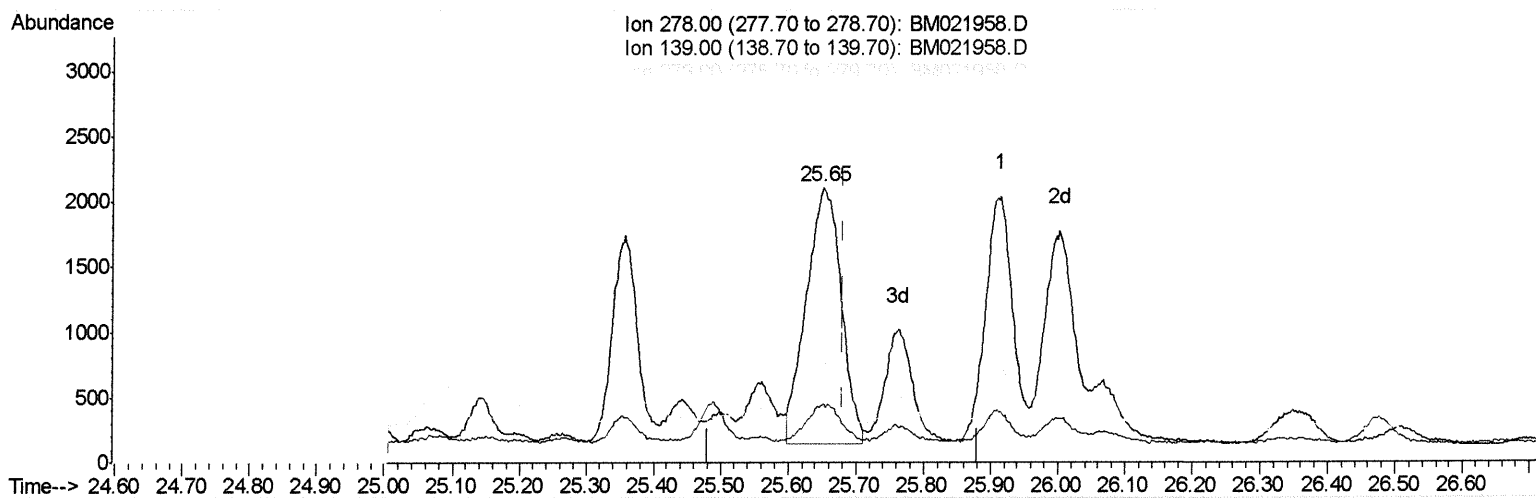
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.650min (-0.032) 0.35ng/ul m

JU 08/09/19

response 7094

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	21.42#
279.00	35.40	36.80
0.00	0.00	0.00

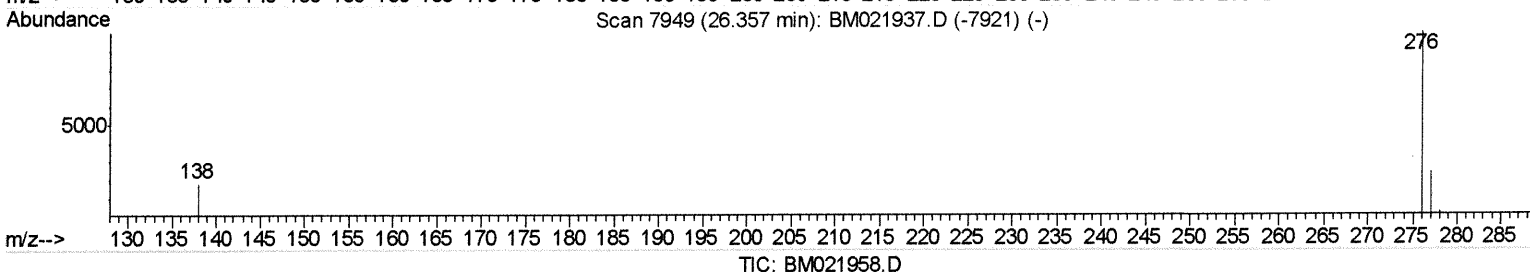
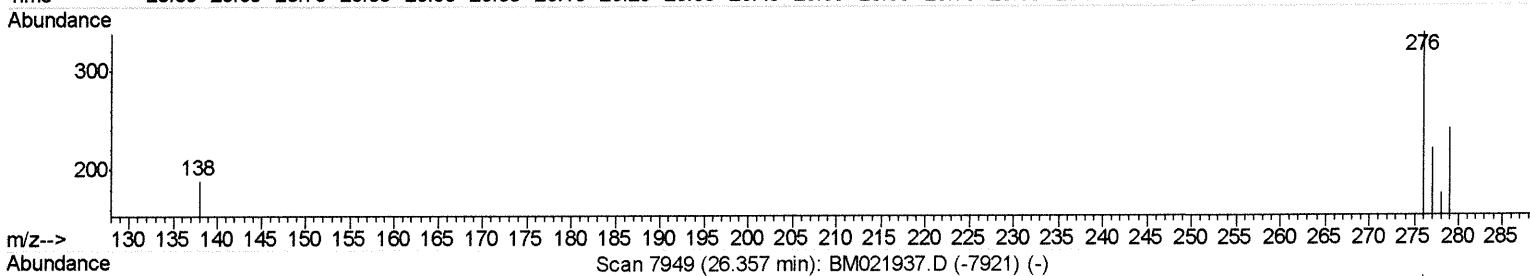
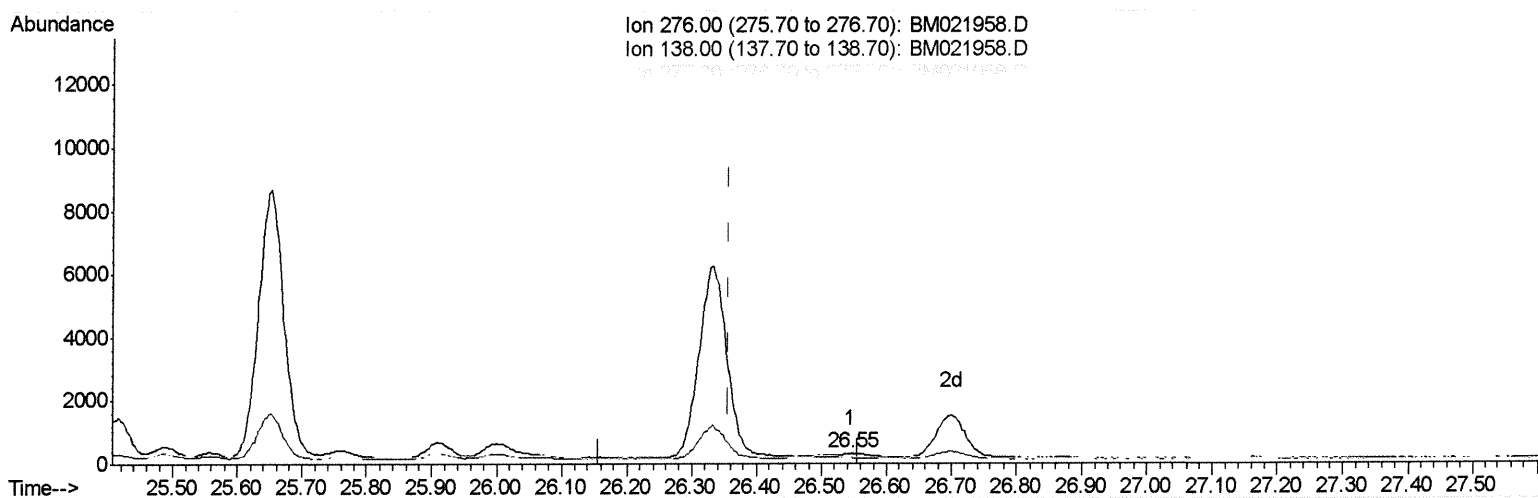
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



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

26.546min (+0.189) 0.02ng/ul

response 550

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	55.92#
277.00	26.80	65.09#
0.00	0.00	0.00

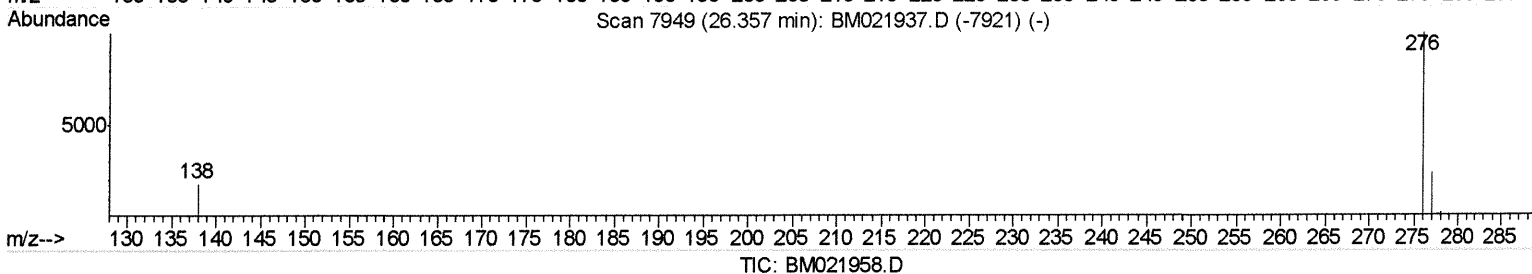
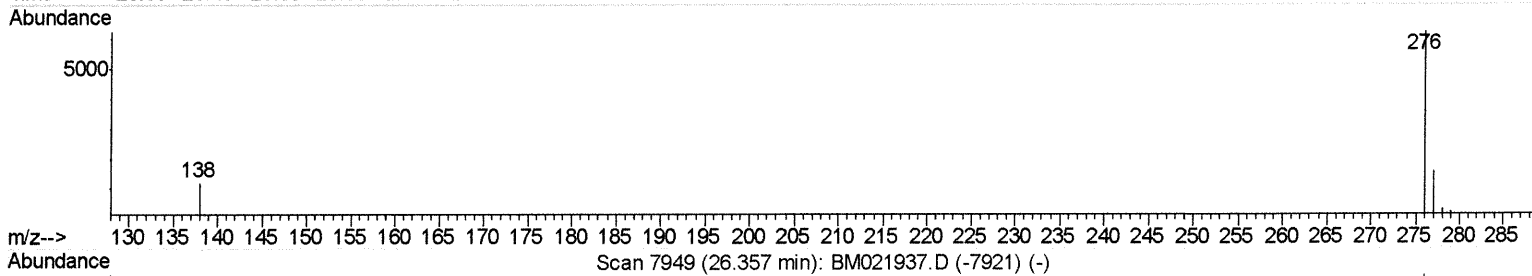
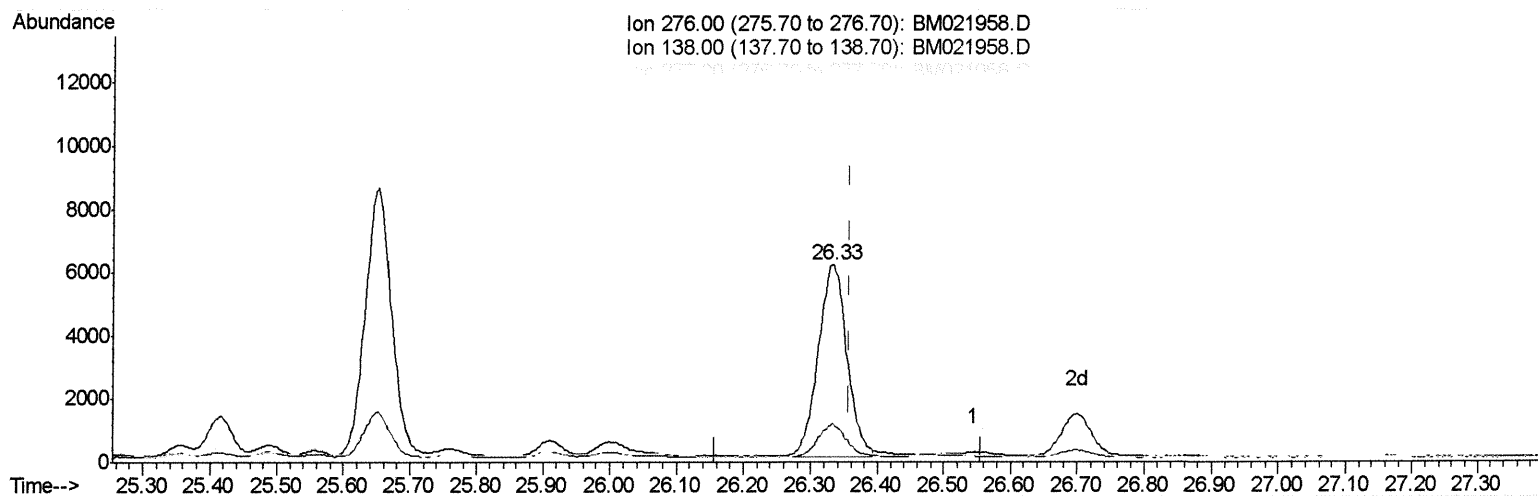
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021958.D
Acq On : 09 Aug 2019 07:29
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:39:09 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 01:29:50 2019
Response via : Initial Calibration



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

26.333min (-0.024) 0.81ng/ul m

JU 08/09/19

response 18307

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	19.65
277.00	26.80	25.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:41:34 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 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4713	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	6112m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5918m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6102m →	0.40	ng/ul	-0.01

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	1415	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3895m →	0.19	ng/ul	-0.02

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Target Compounds

					Qvalue	
3) Naphthalene	10.44	128	917	0.069	ng/ul#	88
5) 2-Methylnaphthalene	12.08	142	537	0.061	ng/ul	99
7) Acenaphthylene	13.99	152	2722	0.224	ng/ul#	84
8) Acenaphthene	14.33	153	1852	0.187	ng/ul	97
9) Fluorene	15.33	166	1872	0.170	ng/ul	98
12) Phenanthrene	17.07	178	38855m →	2.185	ng/ul	99
13) Anthracene	17.16	178	8436m →	0.556	ng/ul	99
15) Fluoranthene	19.09	202	75000m →	3.148	ng/ul	99
17) Pyrene	19.46	202	73986	3.042	ng/ul	99
18) Benzo(a)anthracene	21.21	228	44144m →	2.085	ng/ul	99
19) Chrysene	21.27	228	44356	1.629	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	53347m →	2.593	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	20060m →	0.861	ng/ul	99
23) Benzo(a)pyrene	23.34	252	36447m →	1.742	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.65	276	23177m →	0.928	ng/ul	99
25) Dibenzo(a,h)anthracene	25.65	278	7094m →	0.351	ng/ul	99
26) Benzo(g,h,i)perylene	26.33	276	18307m →	0.814	ng/ul	99

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