

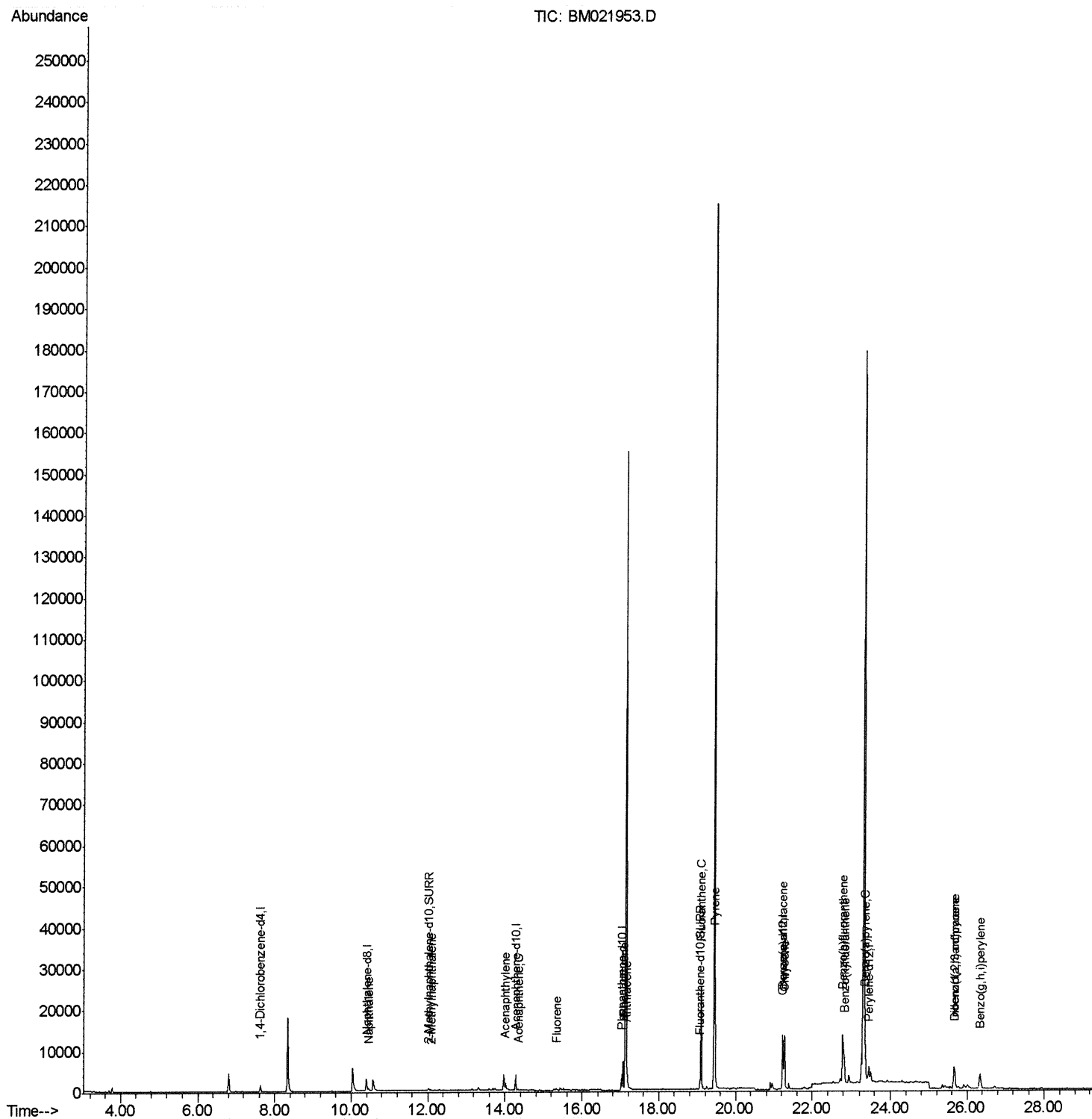
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\  
Data File : BM021953.D  
Acq On    : 09 Aug 2019 04:27  
Operator   : HP/JU  
Sample     : K4029-11  
Misc      :  
ALS Vial   : 15      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:05:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

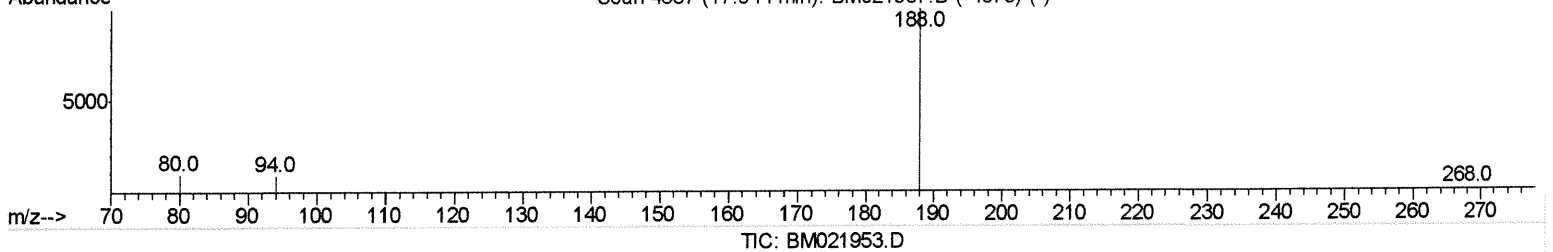
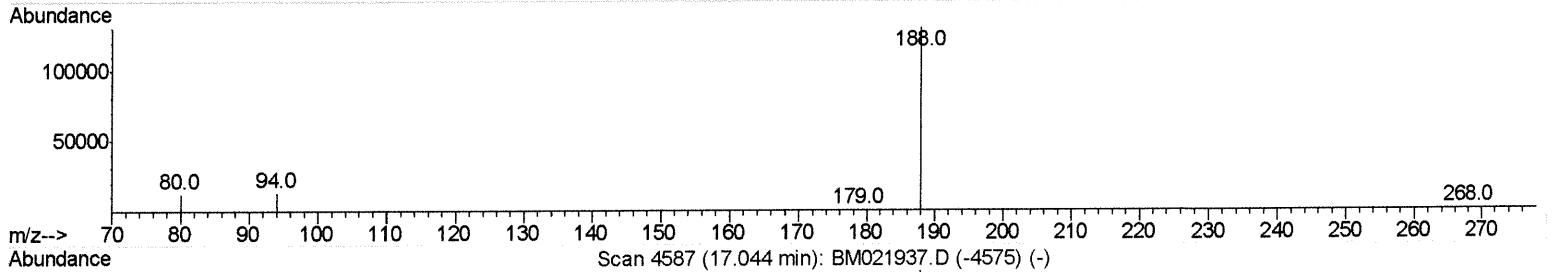
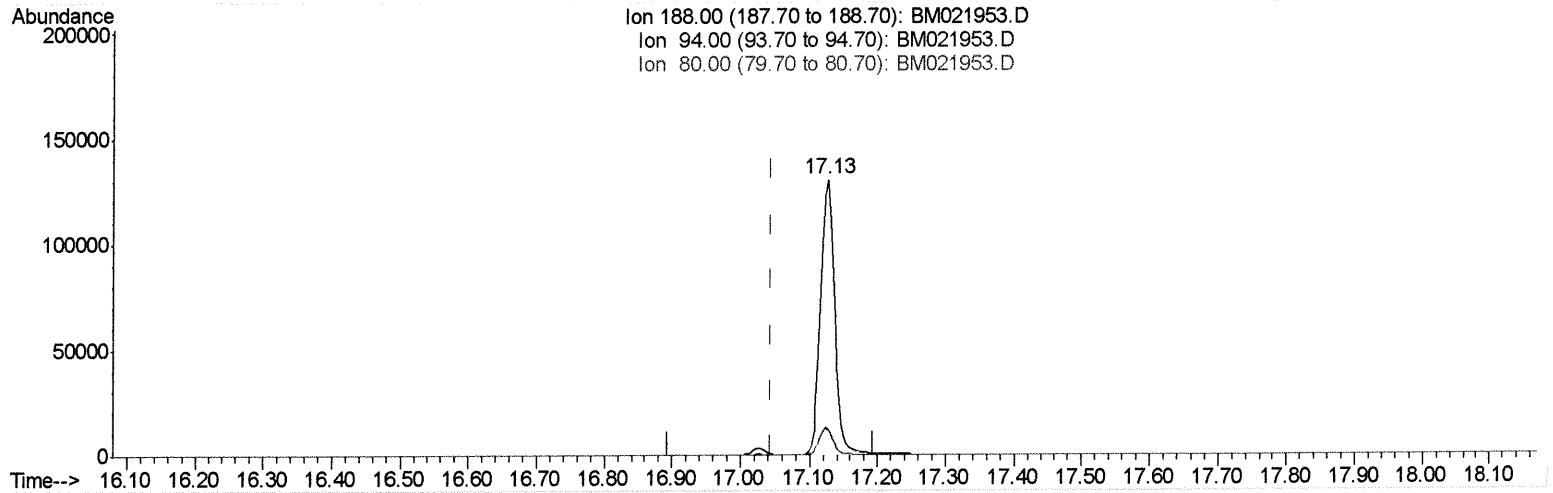
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENY1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 05:57:02 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 183591

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.64
80.00	11.40	9.03#
0.00	0.00	0.00

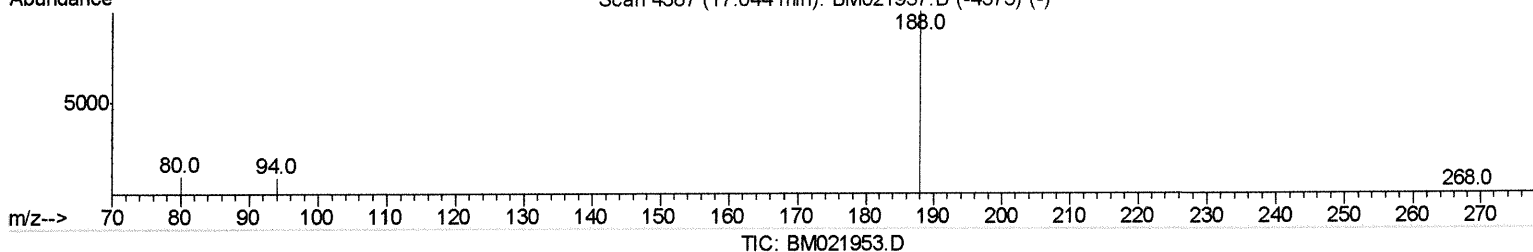
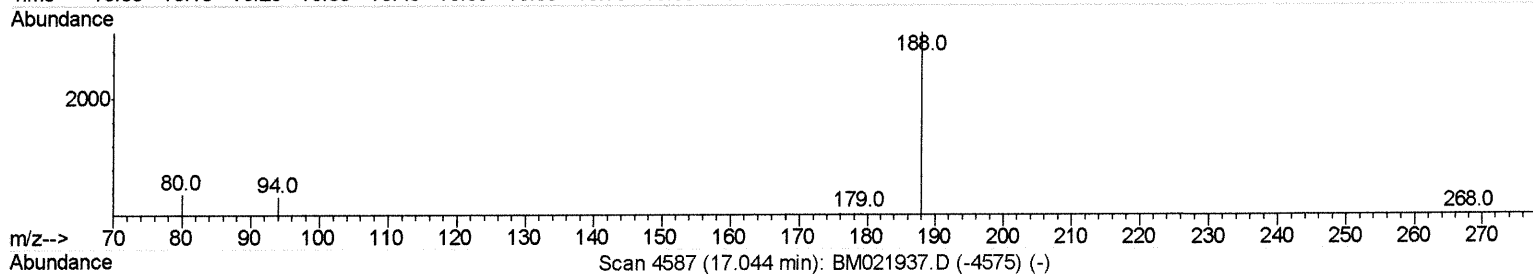
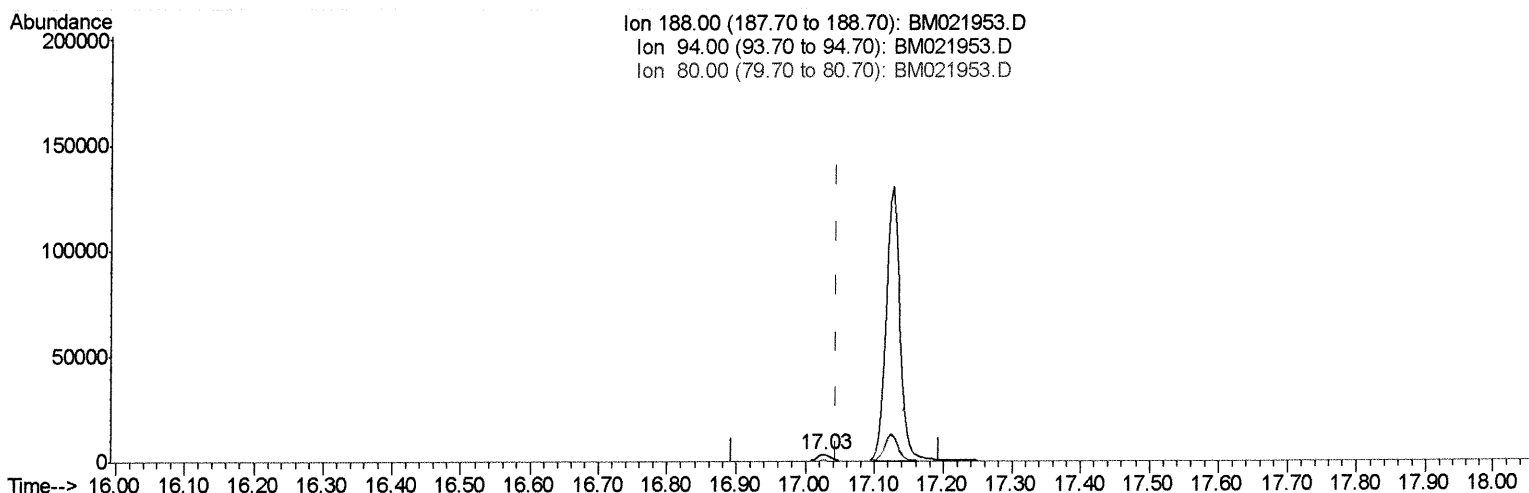
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 05:57:02 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 4362

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.91
80.00	11.40	12.03
0.00	0.00	0.00

Quantitation Report (Qedit)

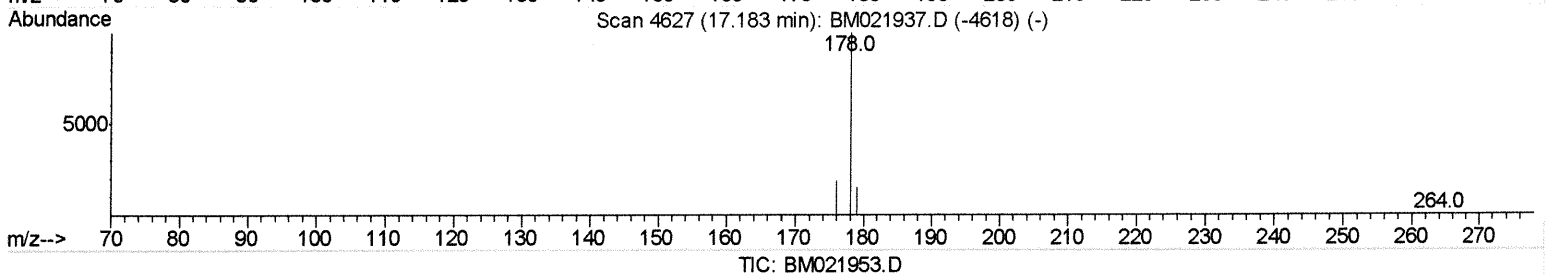
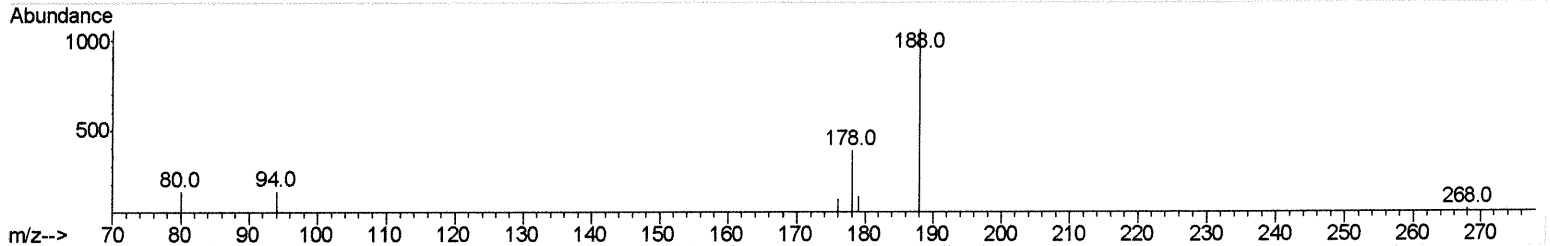
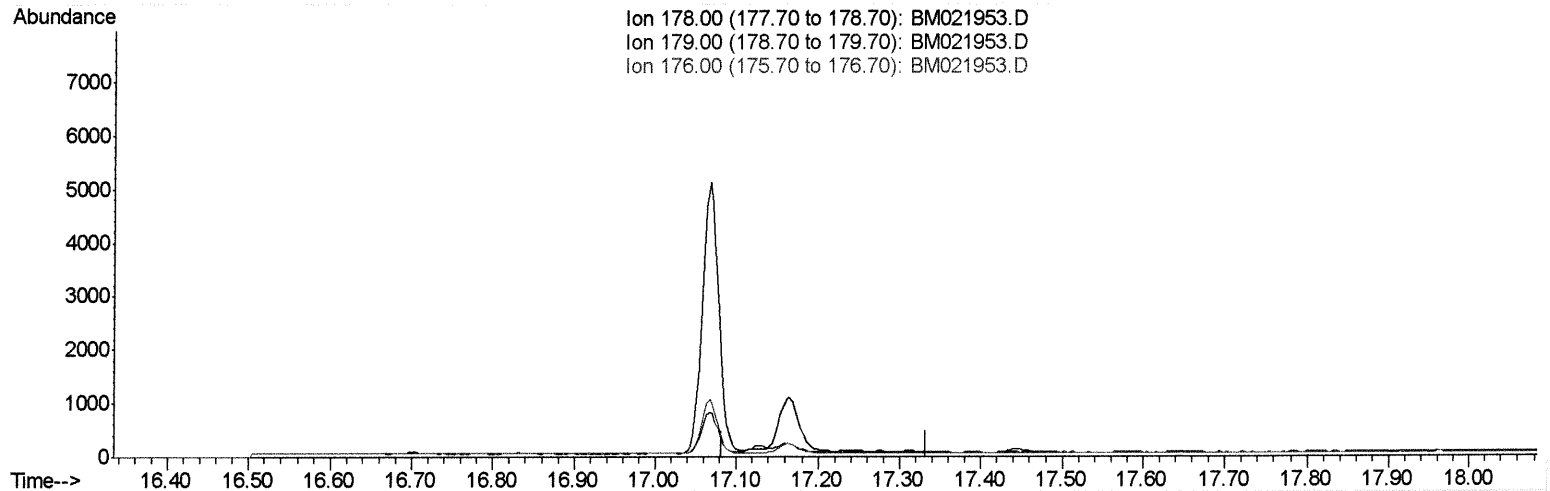
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENY1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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

17.183min (-17.183) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

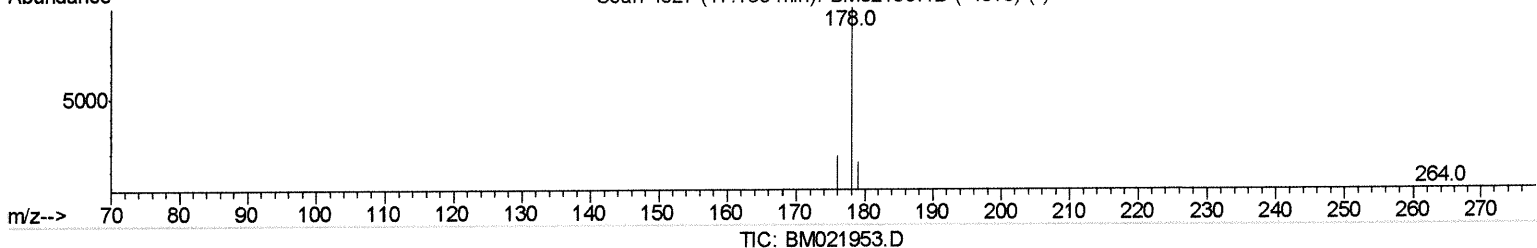
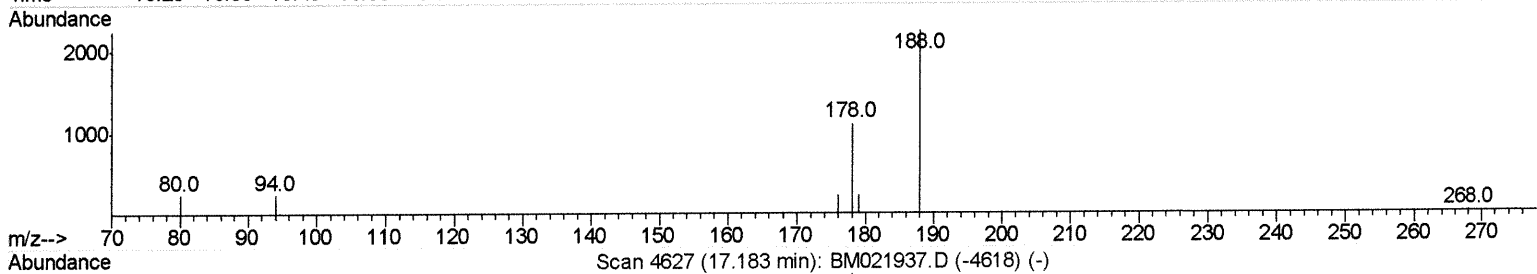
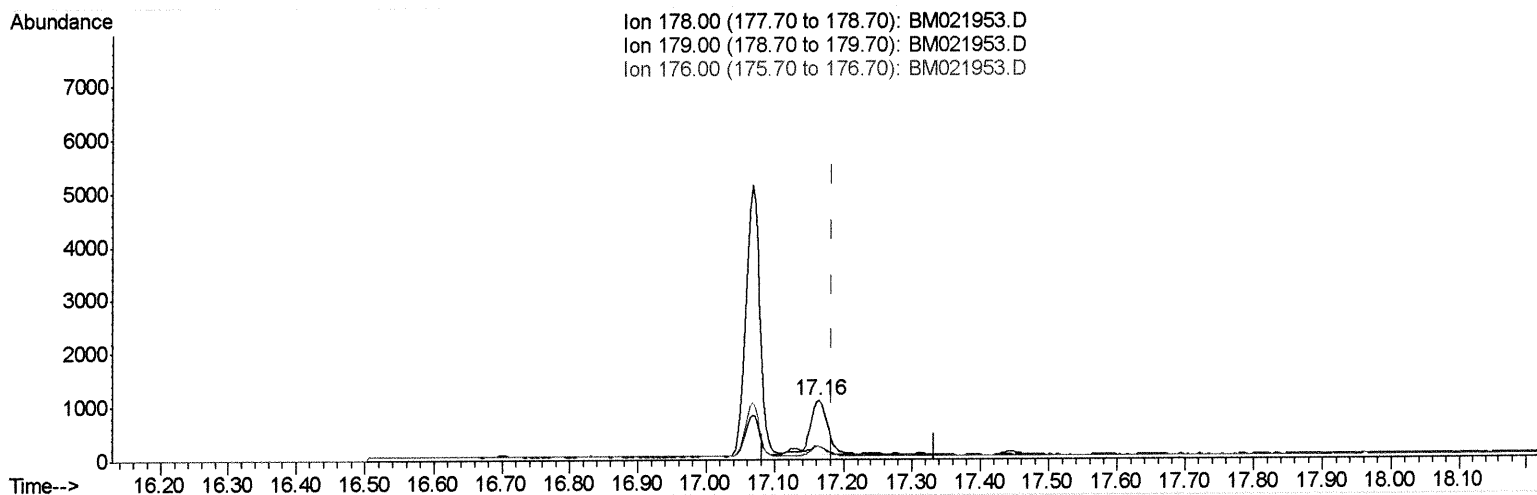
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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

17.164min (-0.019) 0.16ng/ul m *JU* 08/09/19

response 1753

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	22.71
176.00	20.80	22.62
0.00	0.00	0.00

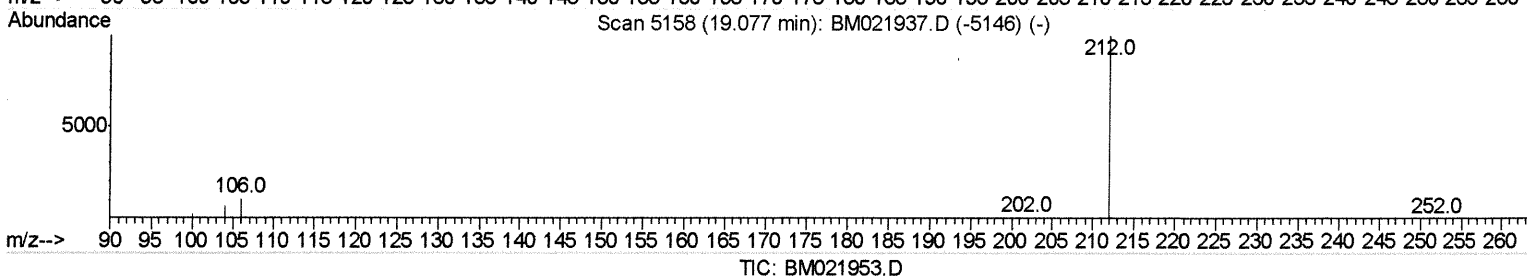
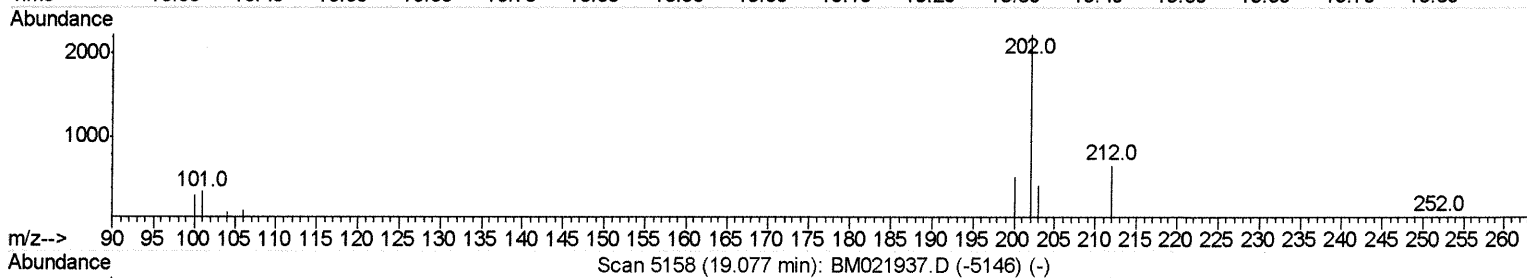
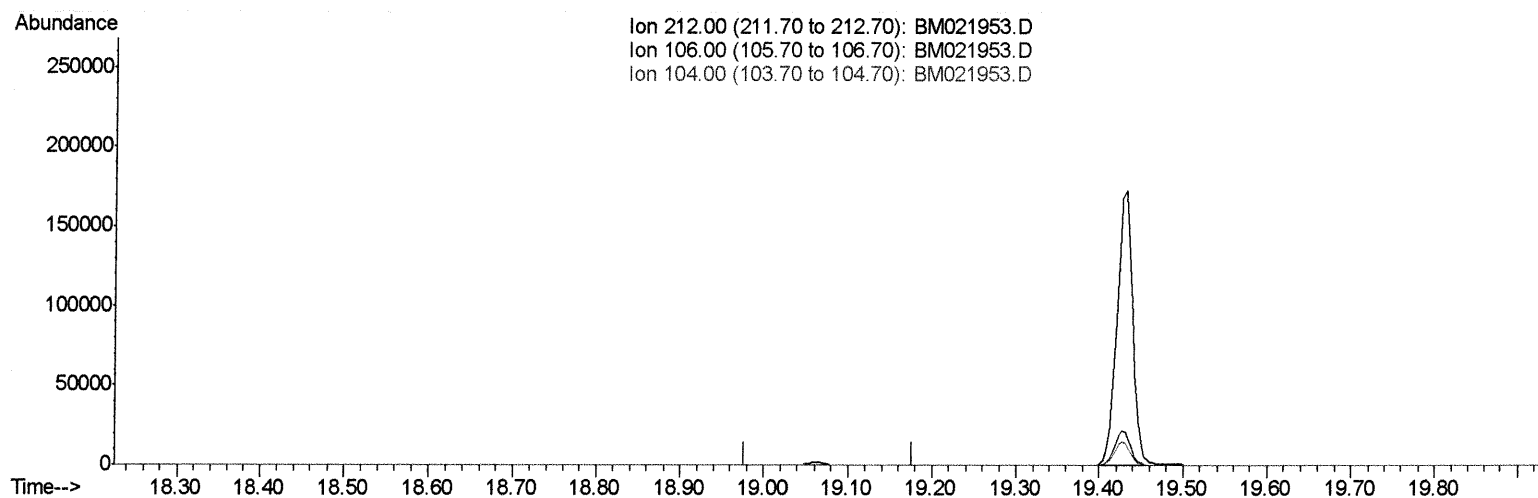
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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

Quantitation Report (Qedit)

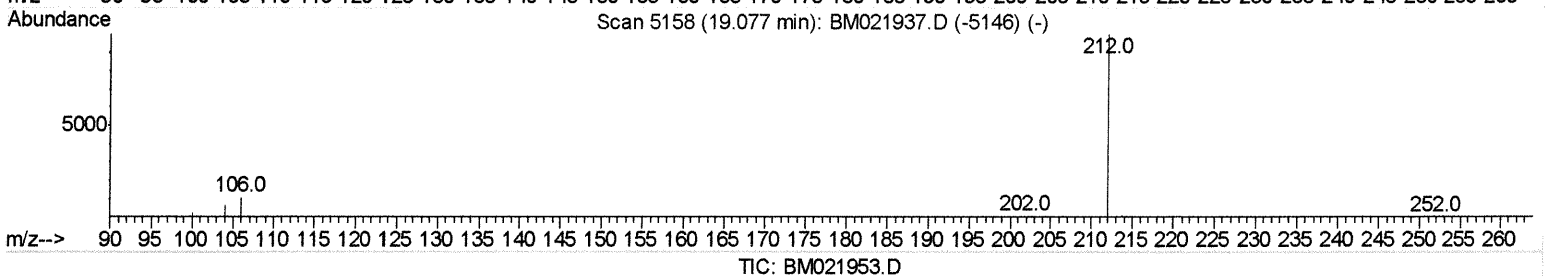
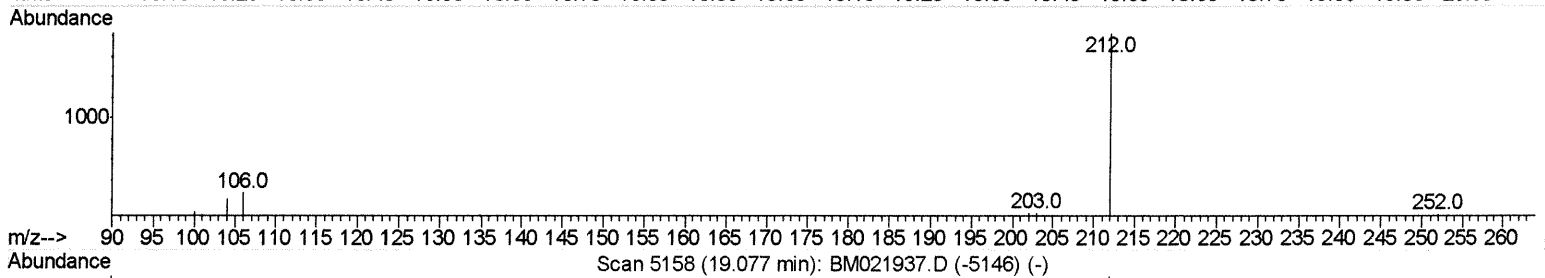
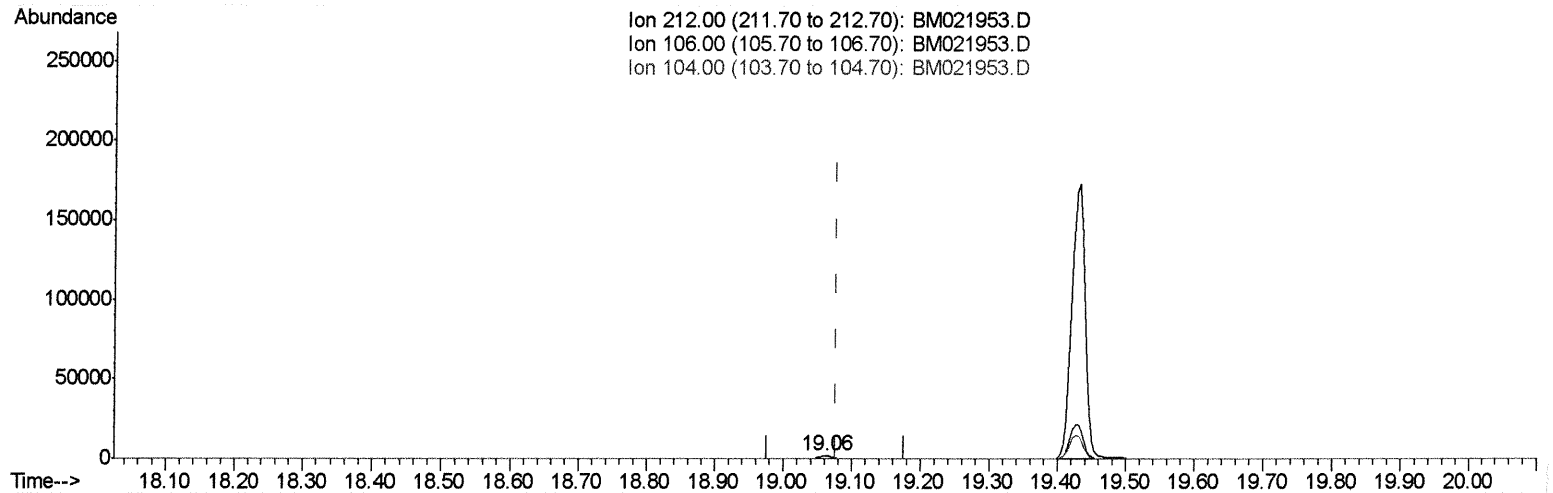
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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) 0.17ng/ul m *JU 08/09/19*

response 2436

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

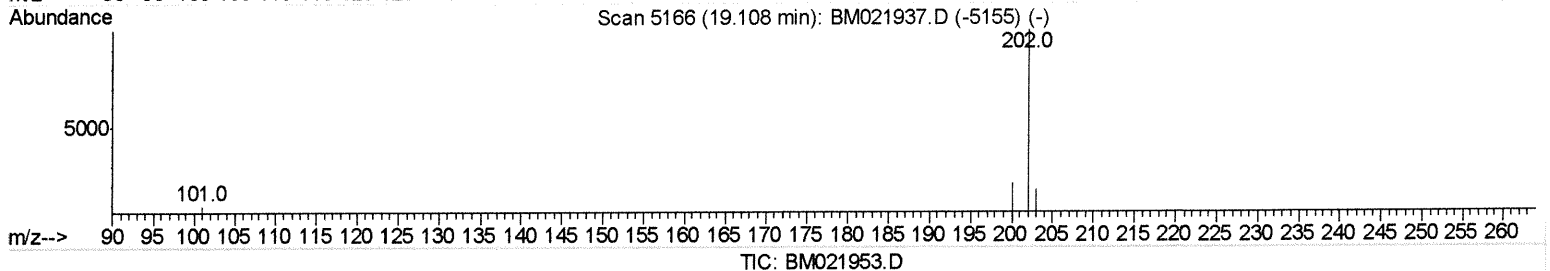
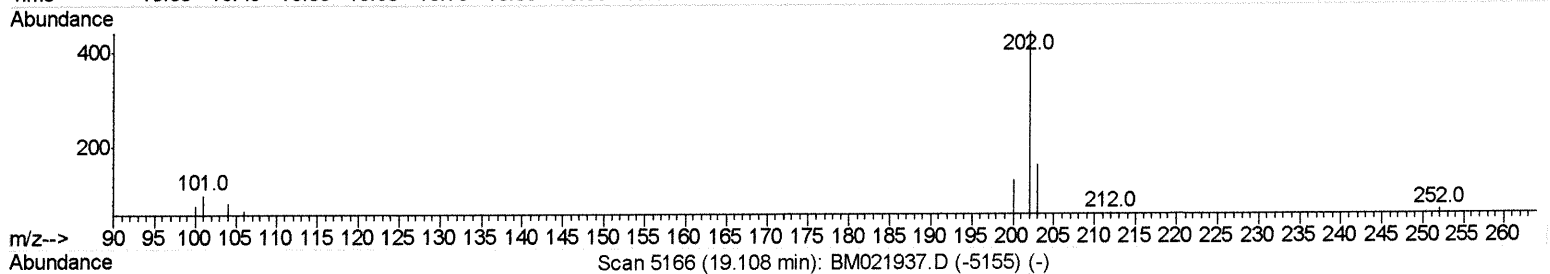
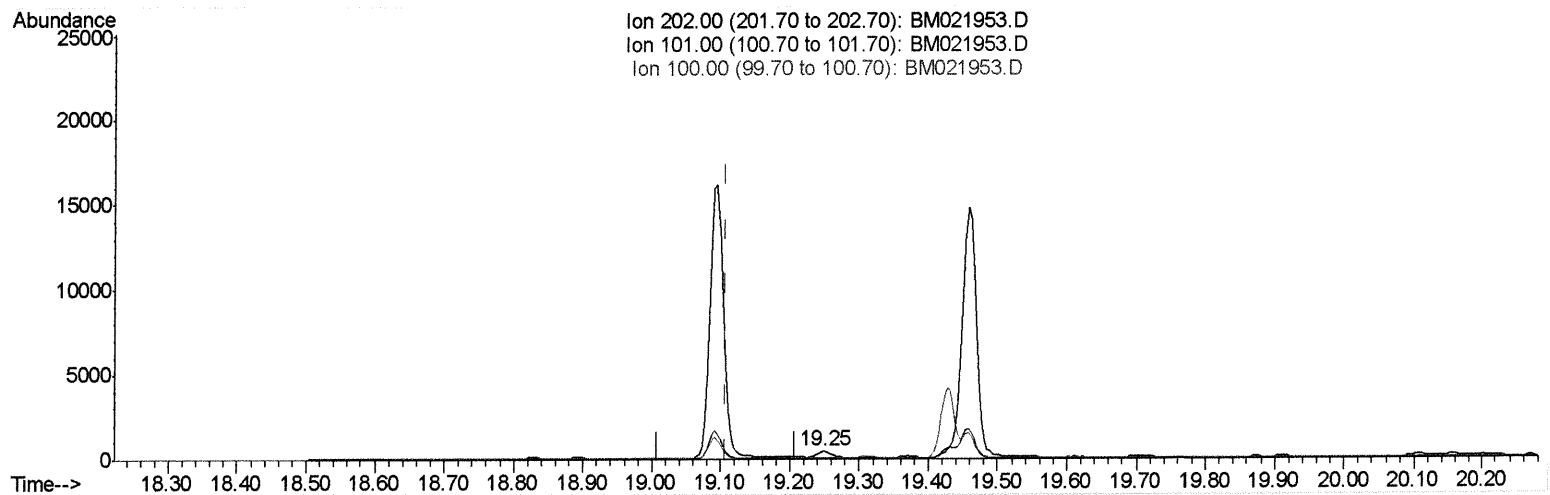
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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)

19.247min (+0.140) 0.03ng/ul

response 459

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	22.35
100.00	8.10	17.38
0.00	0.00	0.00

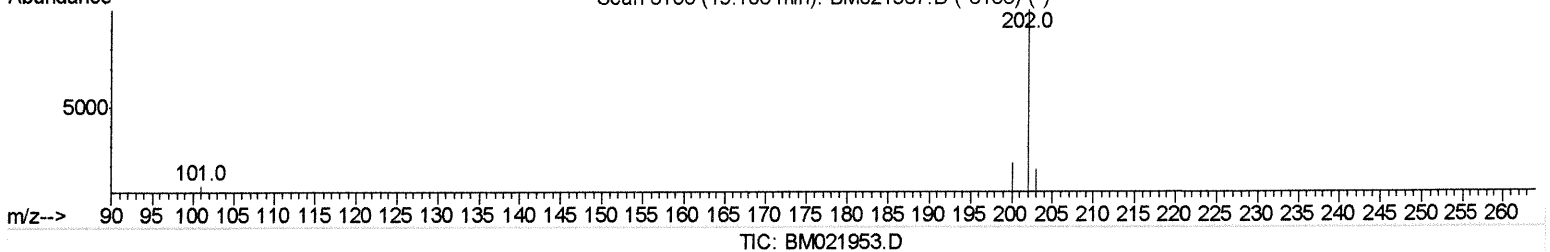
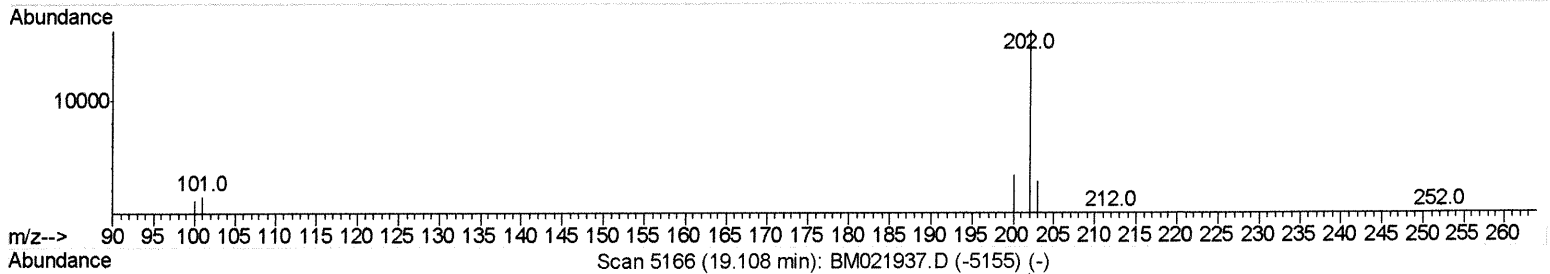
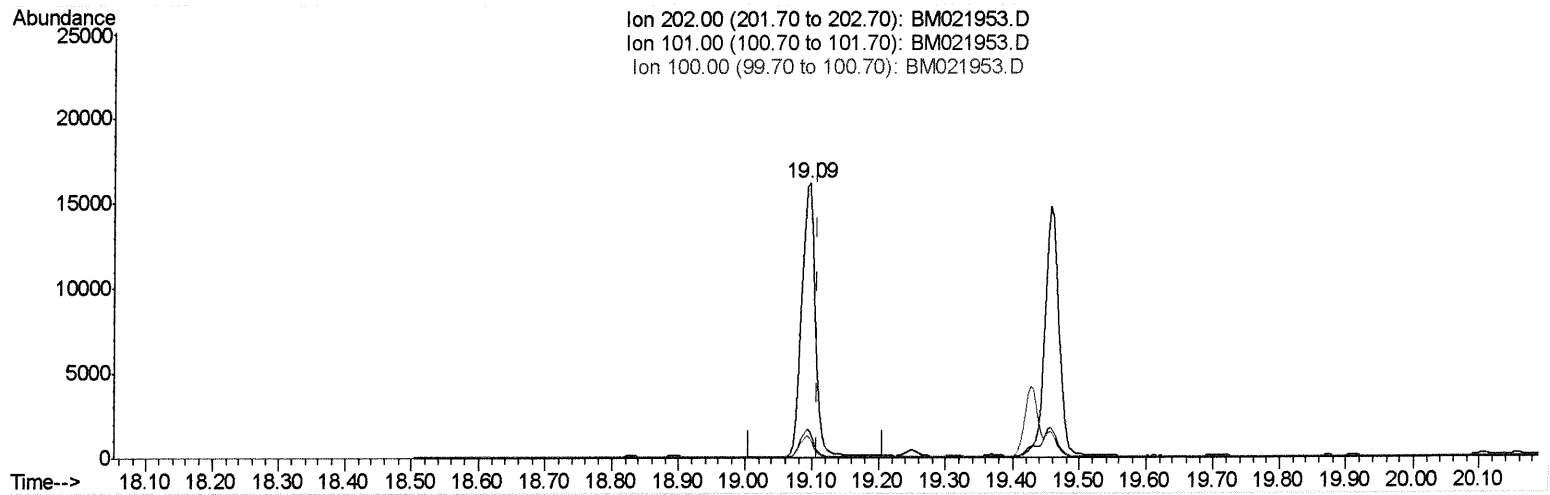
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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)

19.095min (-0.013) 1.31ng/ul m *JU* 08/09/19

response 22208

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.36
100.00	8.10	7.49
0.00	0.00	0.00

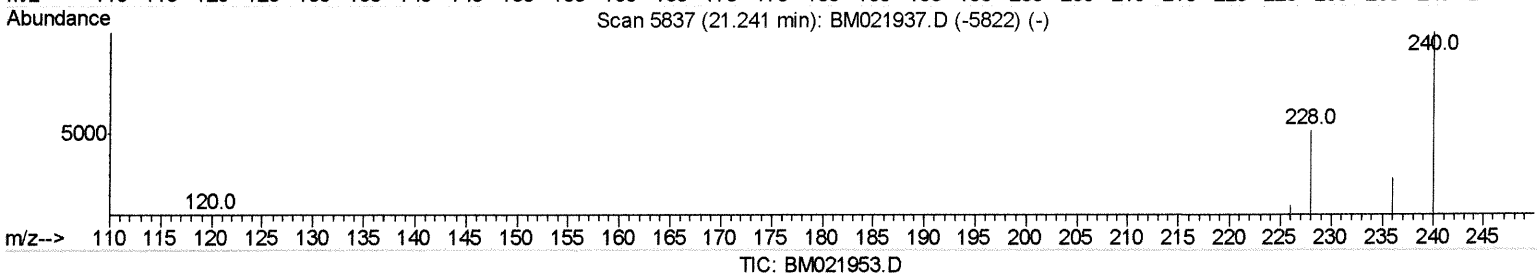
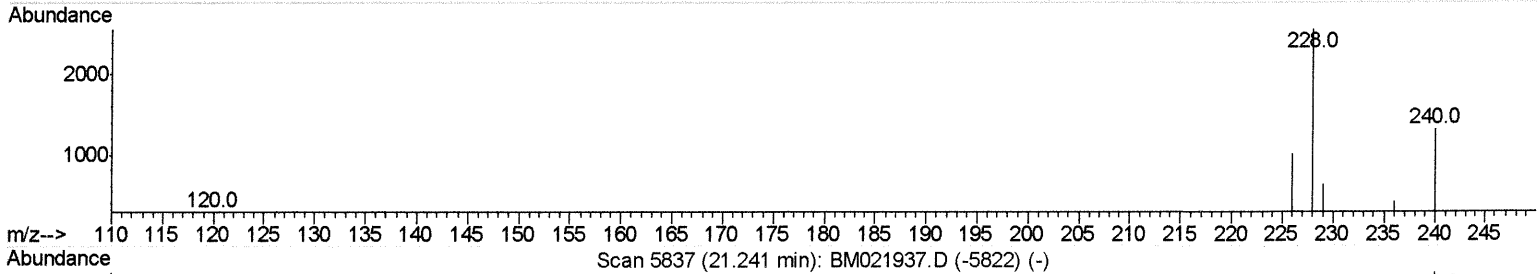
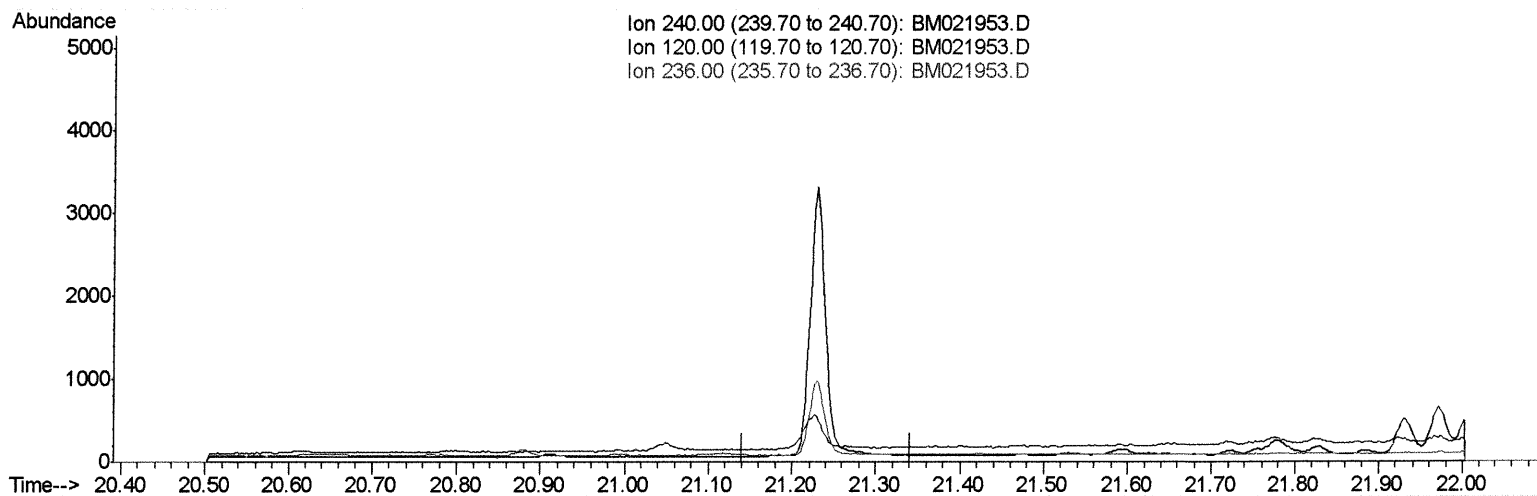
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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)

21.241min (-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

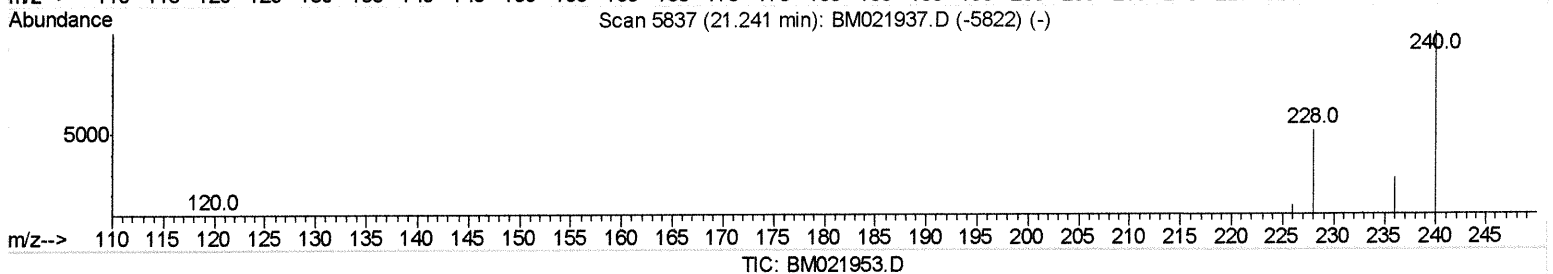
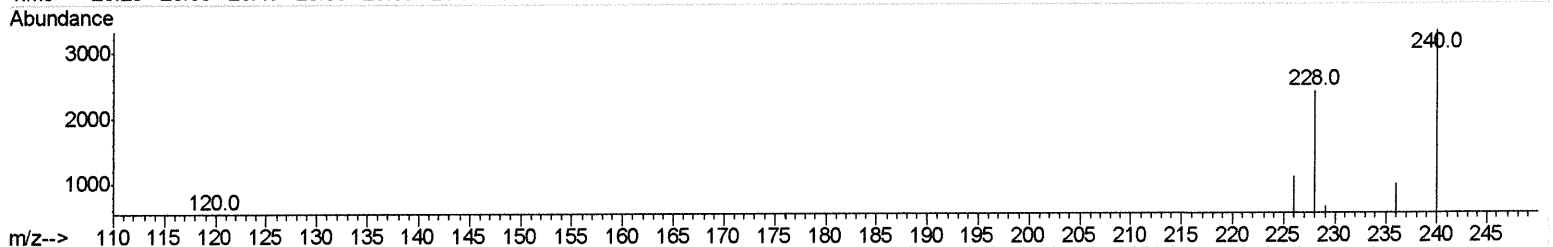
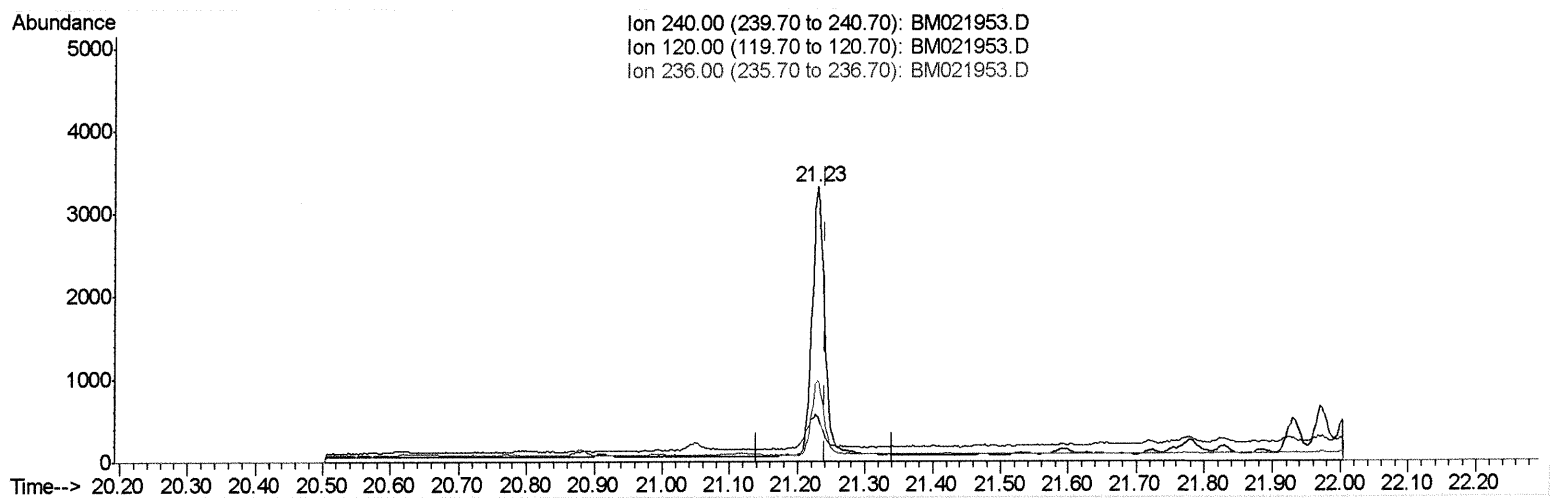
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:00:11 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 *JU 08/09/19*

response 4210

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.58
236.00	32.30	29.66
0.00	0.00	0.00

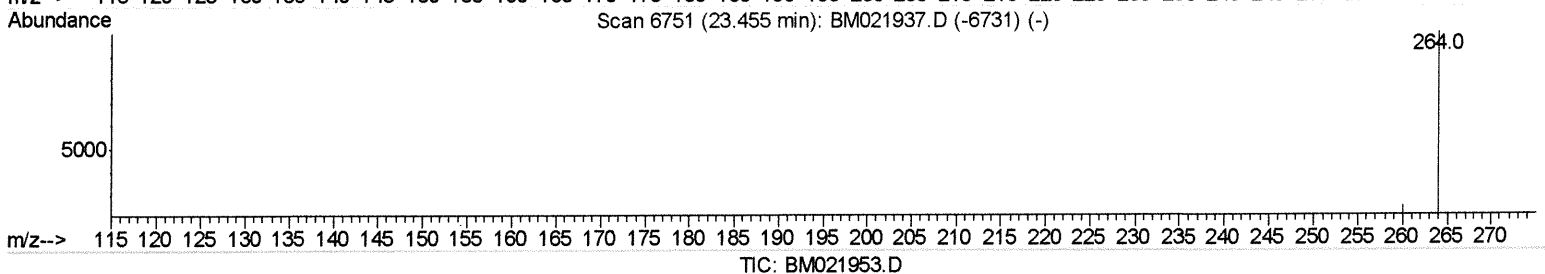
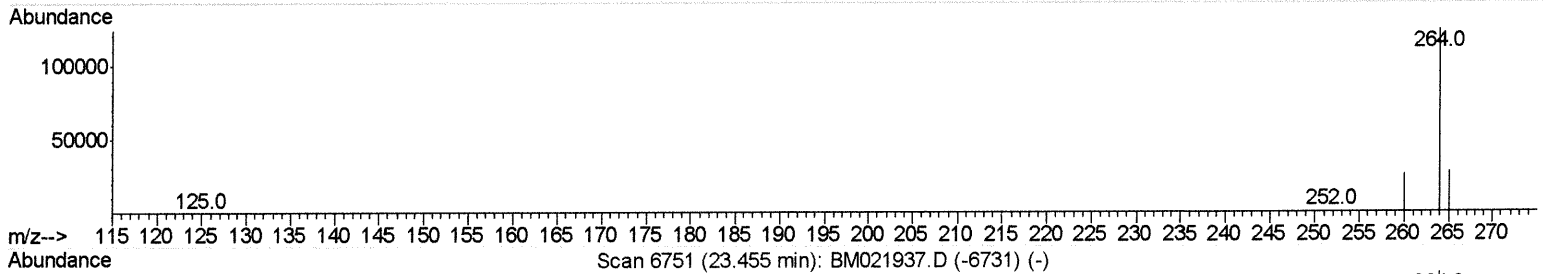
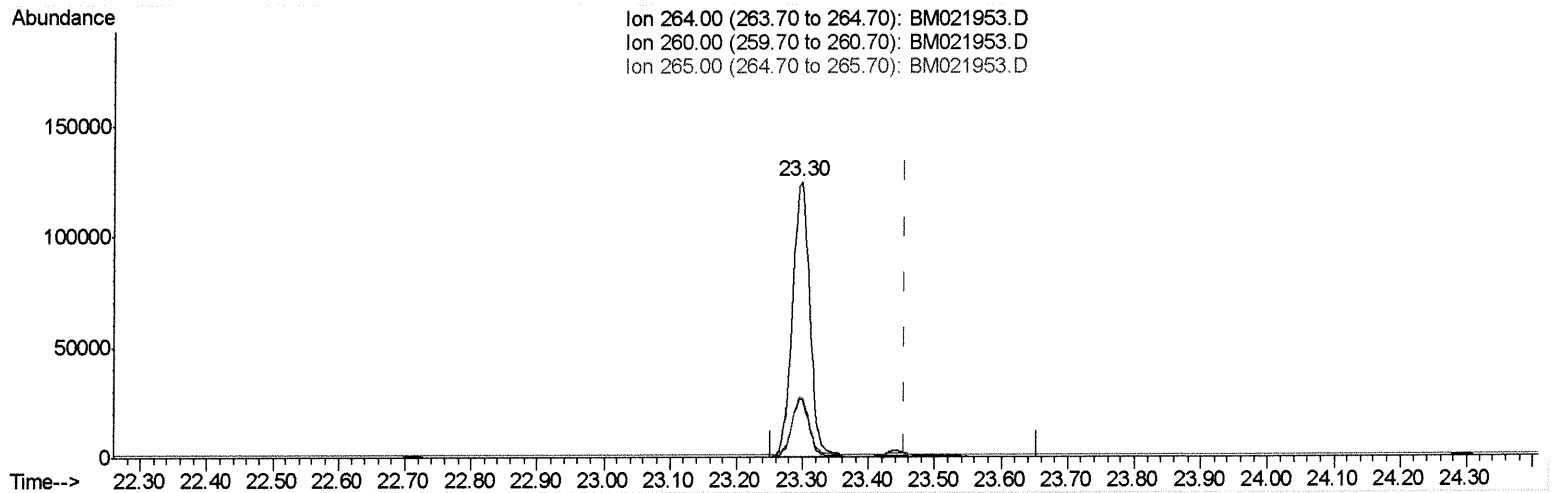
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:03 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)

23.297min (-0.158) 0.40ng/ul

response 222650

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.84#
265.00	117.00	21.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

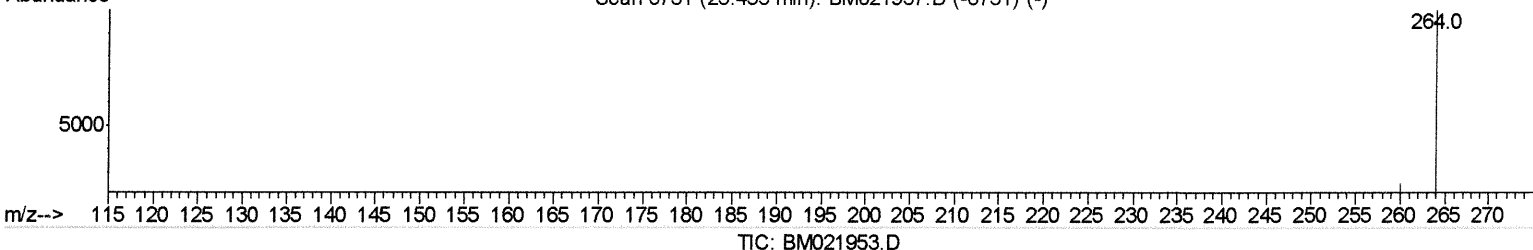
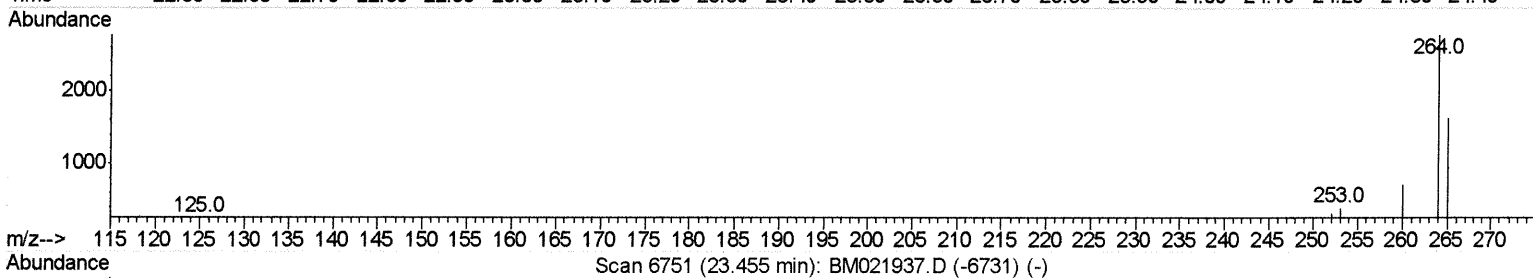
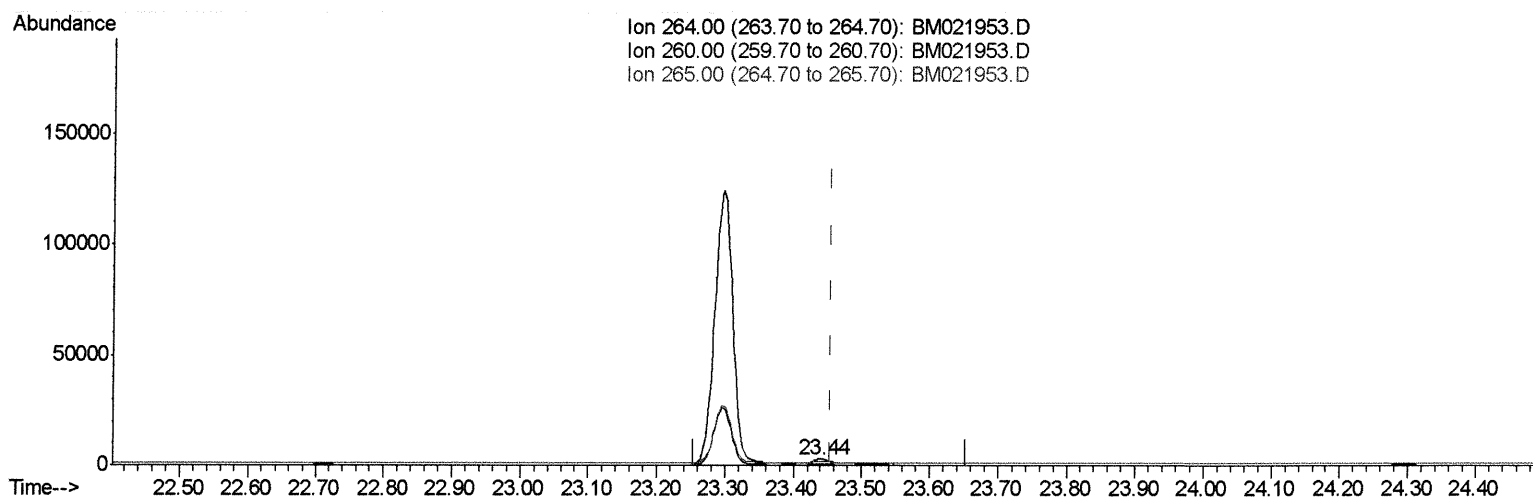
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:03 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)

23.443min (-0.012) 0.40ng/ul m *JU 08/09/19*

response 4201

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.04
265.00	117.00	58.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

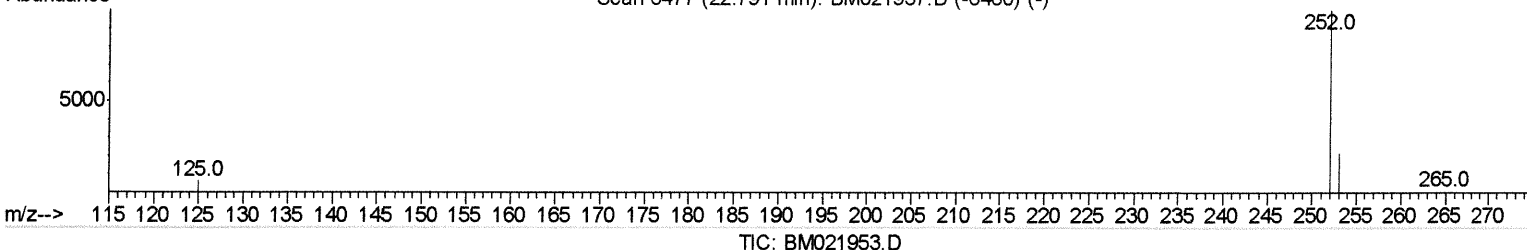
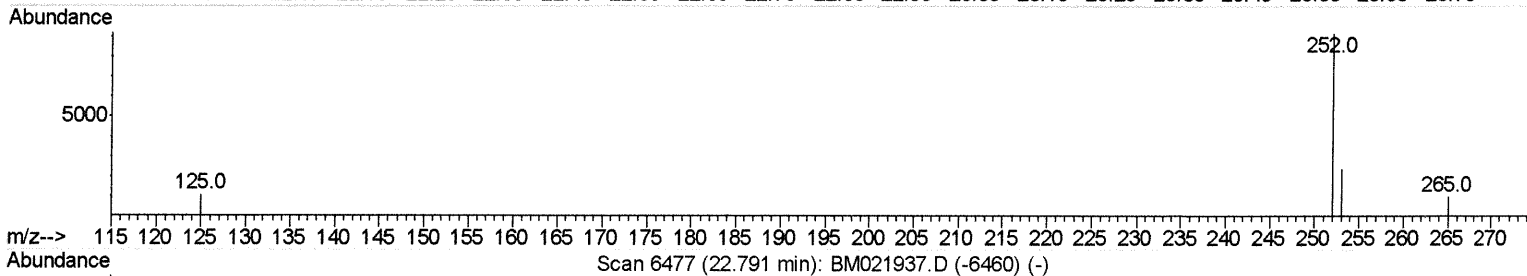
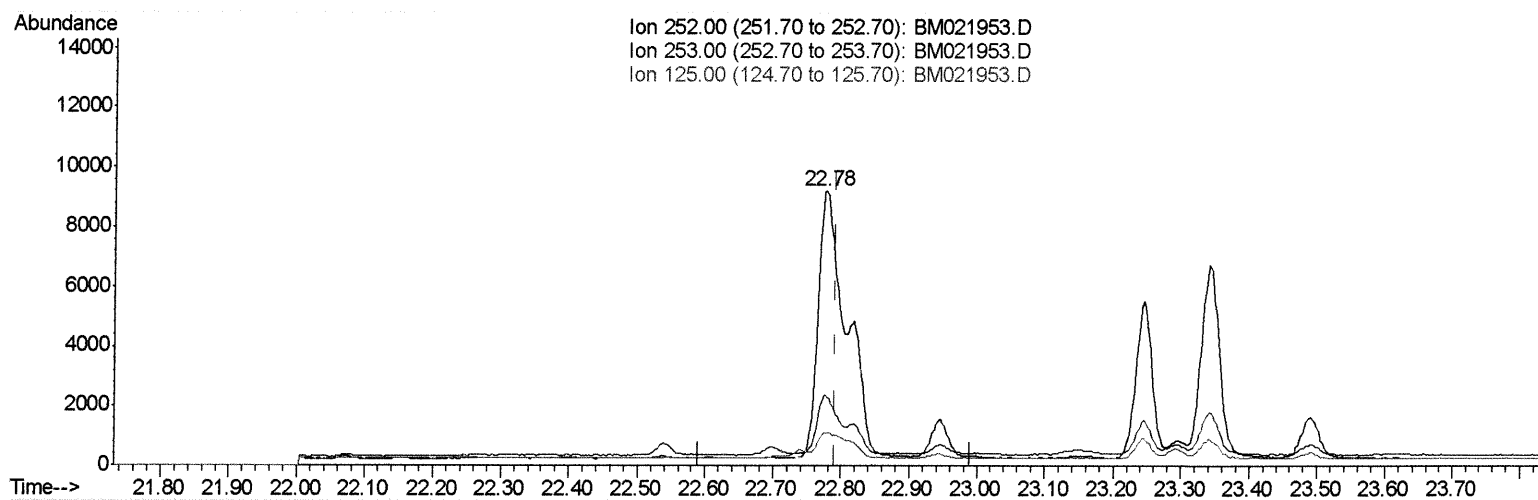
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

22.776min (-0.015) 1.71ng/ul

response 24176

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.78
125.00	15.50	11.92
0.00	0.00	0.00

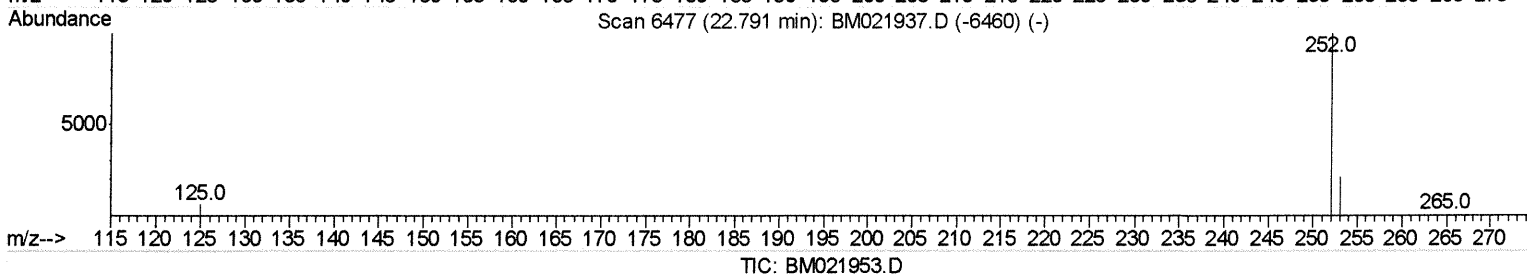
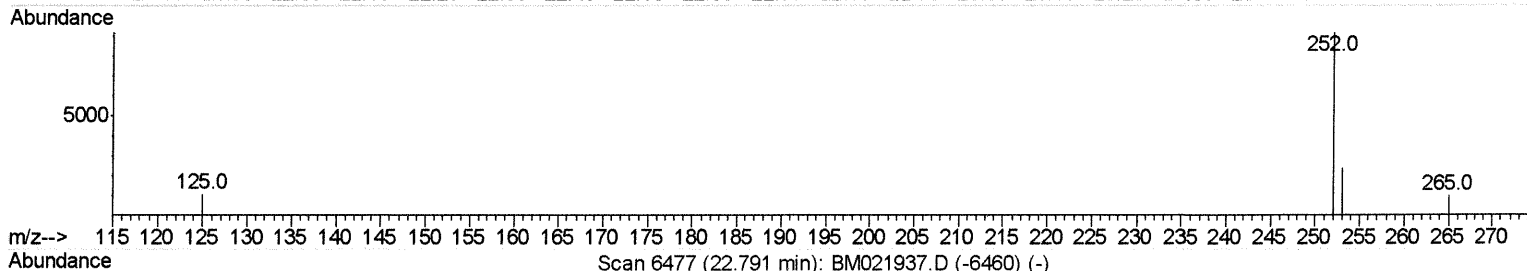
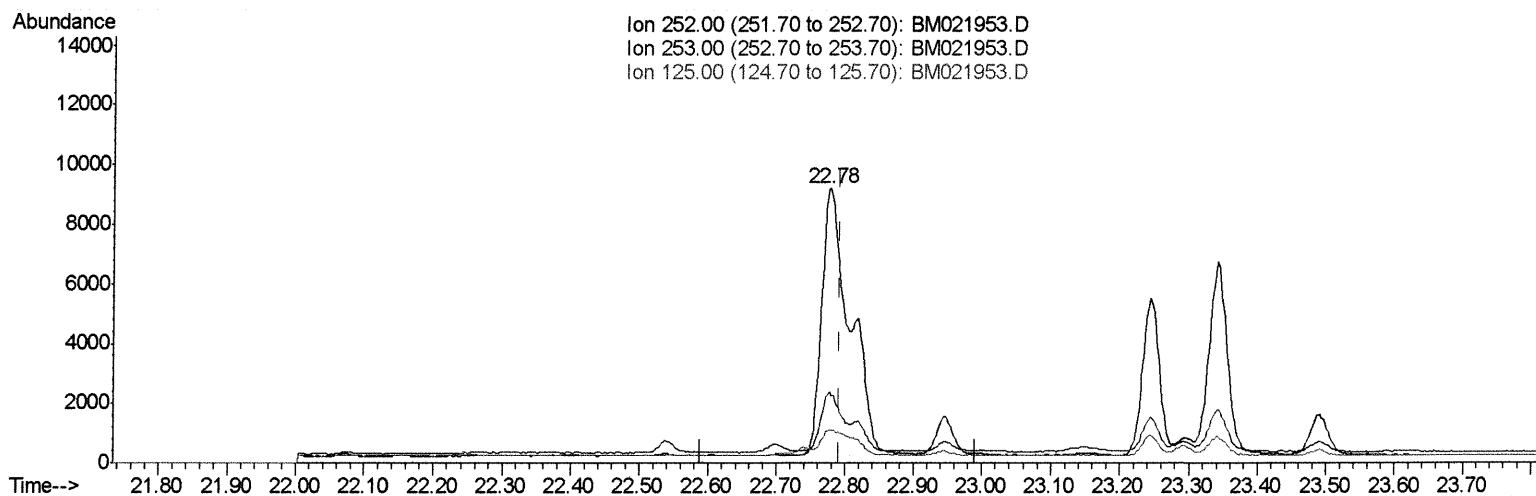
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

22.776min (-0.015) 1.38ng/ul m

Ju 8/10/19

response 19547

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.78
125.00	15.50	11.92
0.00	0.00	0.00

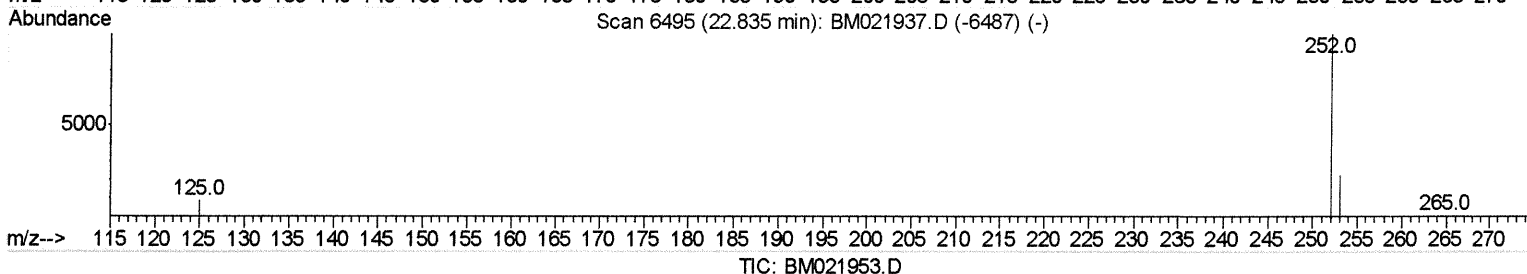
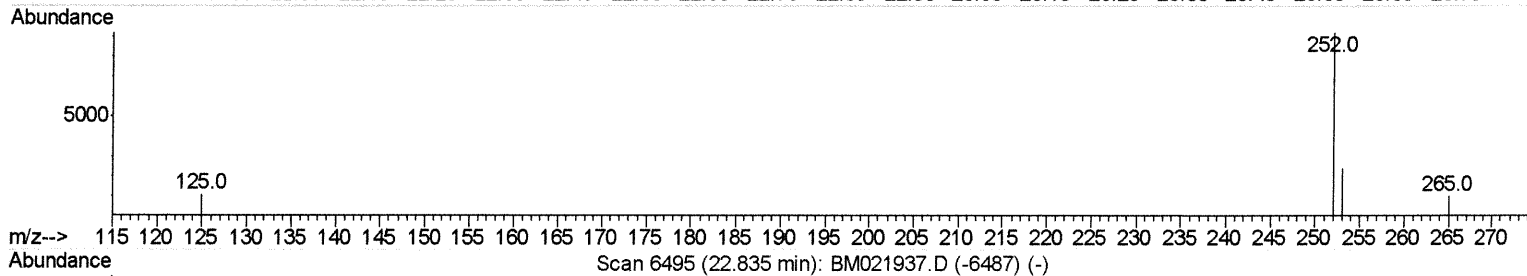
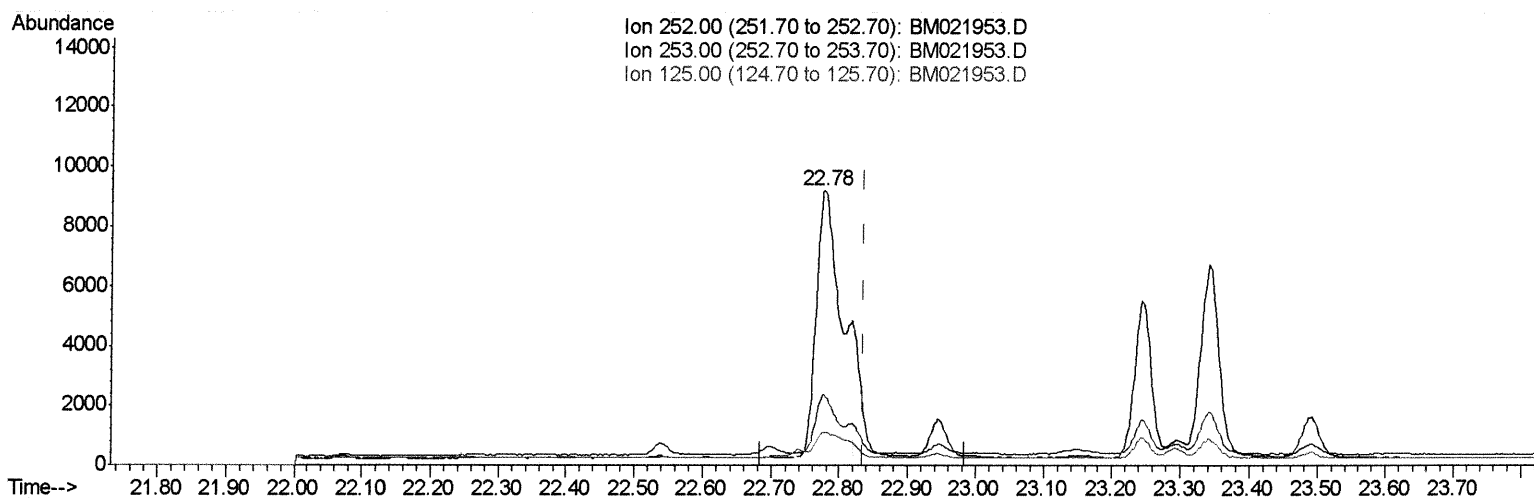
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

22.776min (-0.058) 1.41ng/ul

response 22664

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.78#
125.00	15.20	11.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

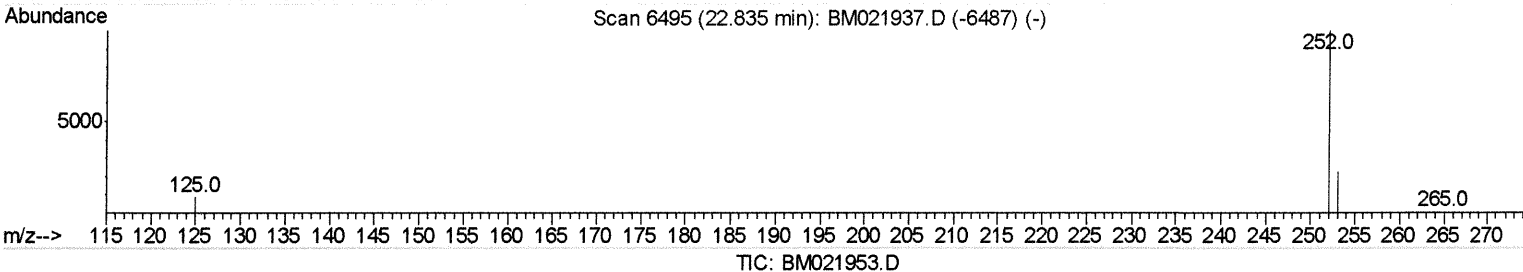
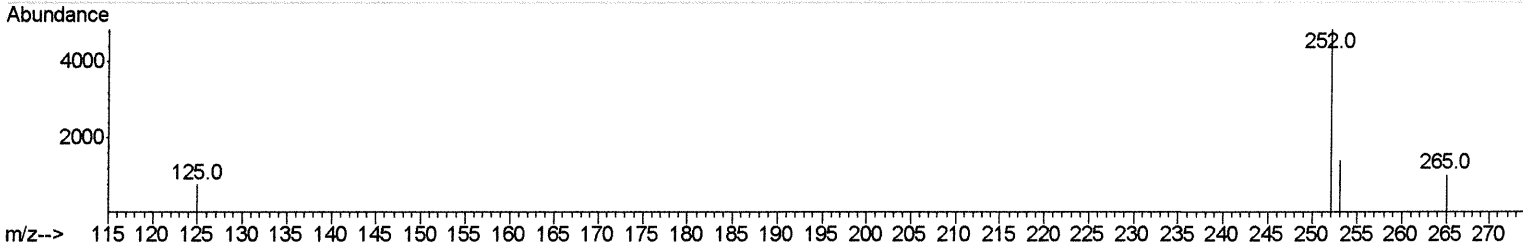
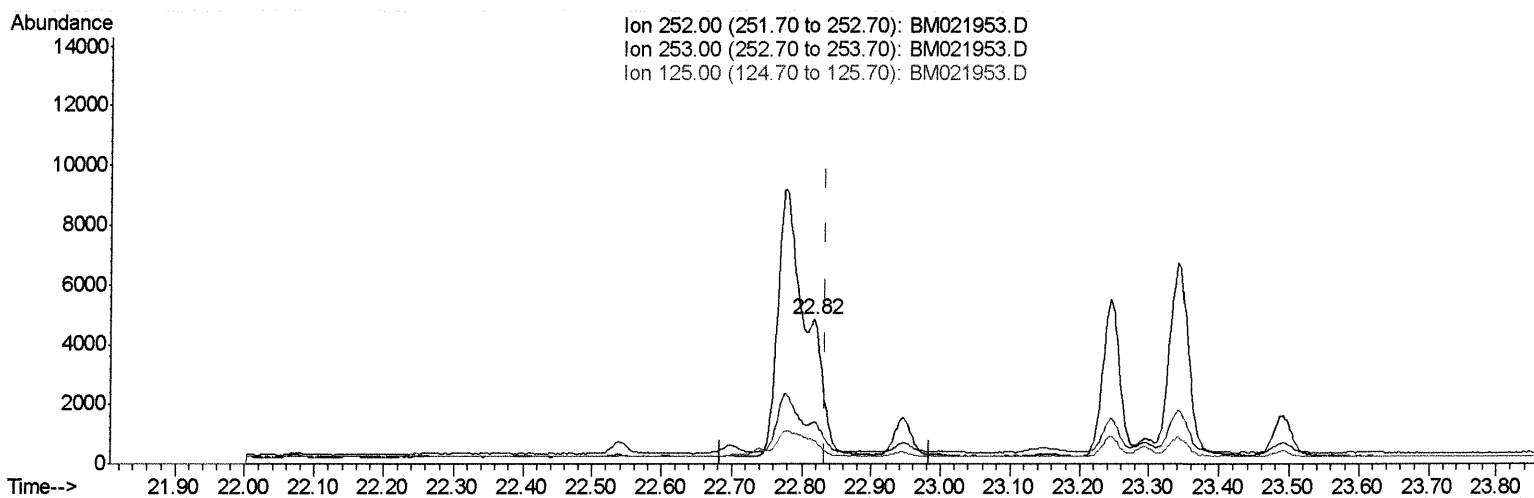
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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) 0.36ng/ul m *JU 08/09/19*

response 5808

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.33
125.00	15.20	16.17
0.00	0.00	0.00

Quantitation Report (Qedit)

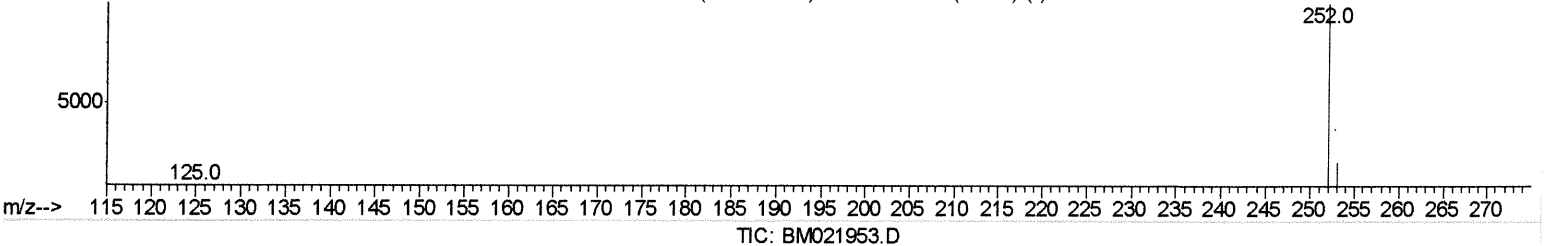
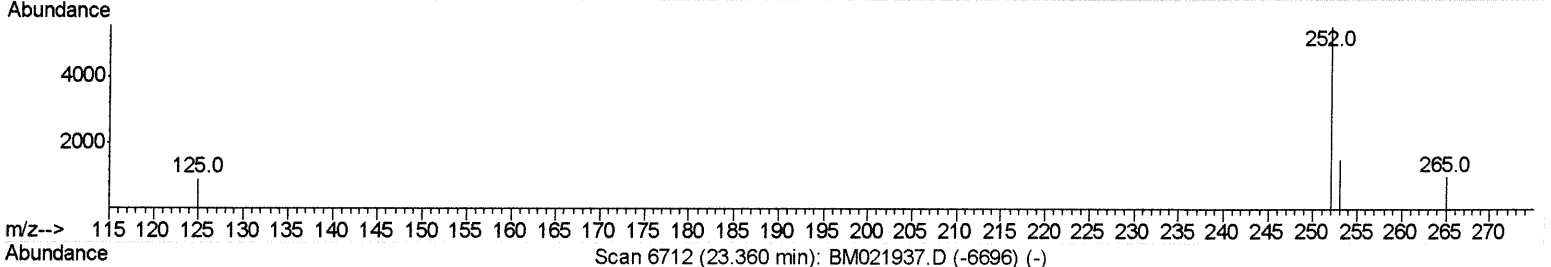
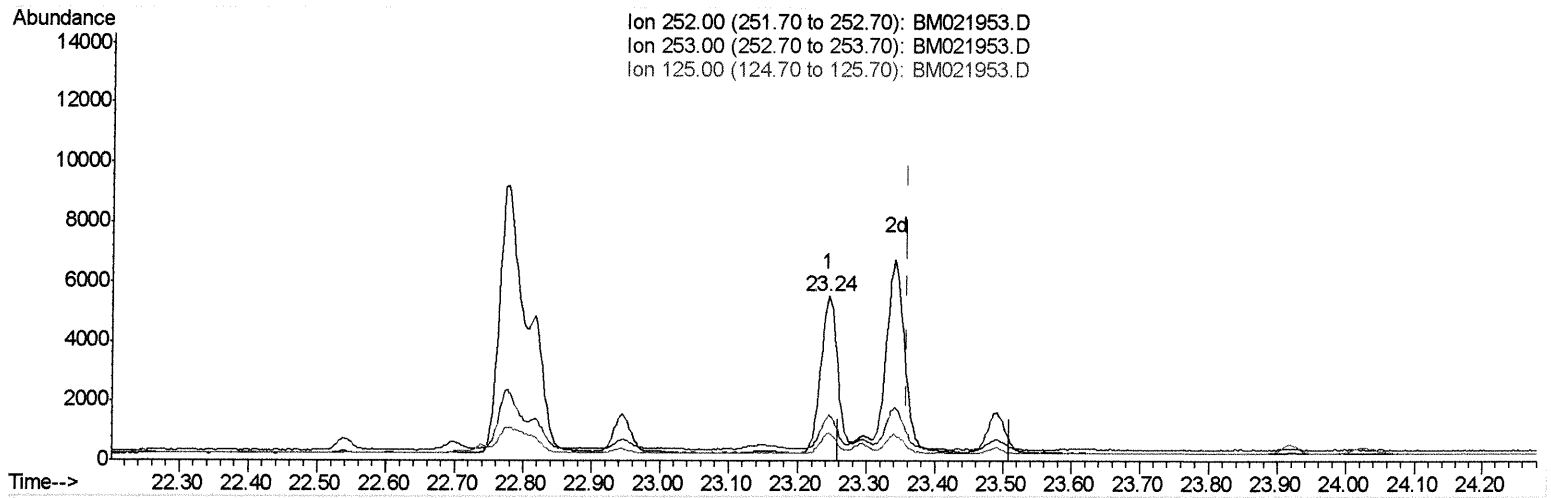
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENY1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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)

23.244min (-0.116) 0.63ng/ul

response 9060

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	27.79#
125.00	18.20	16.99
0.00	0.00	0.00

Quantitation Report (Qedit)

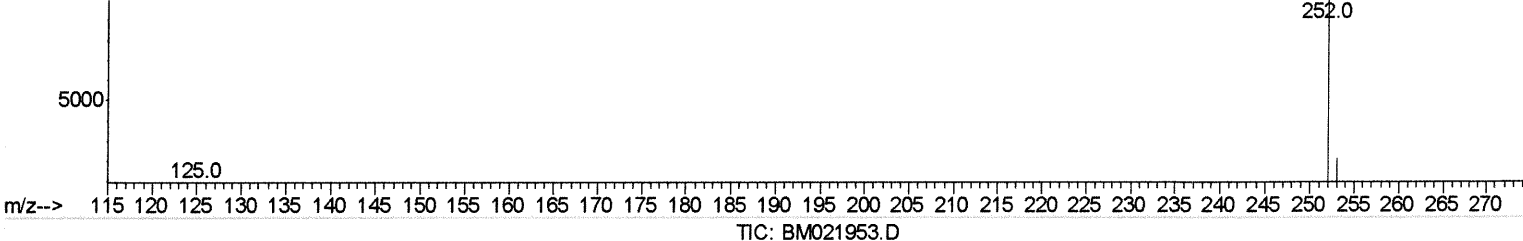
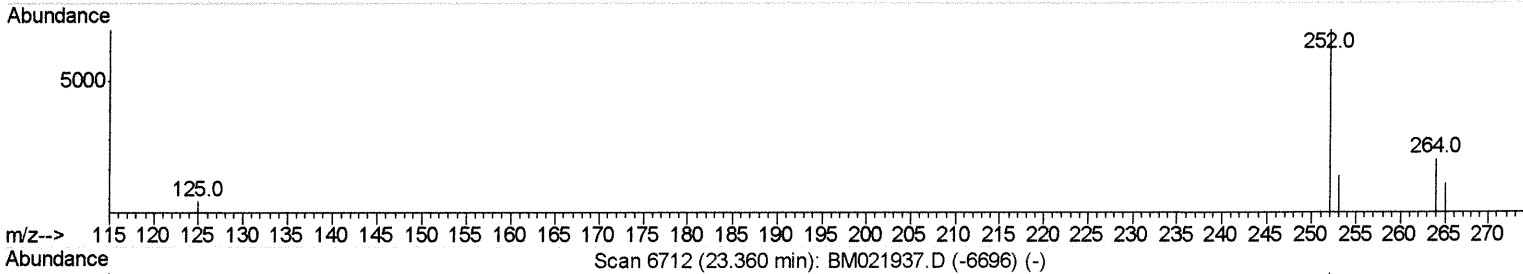
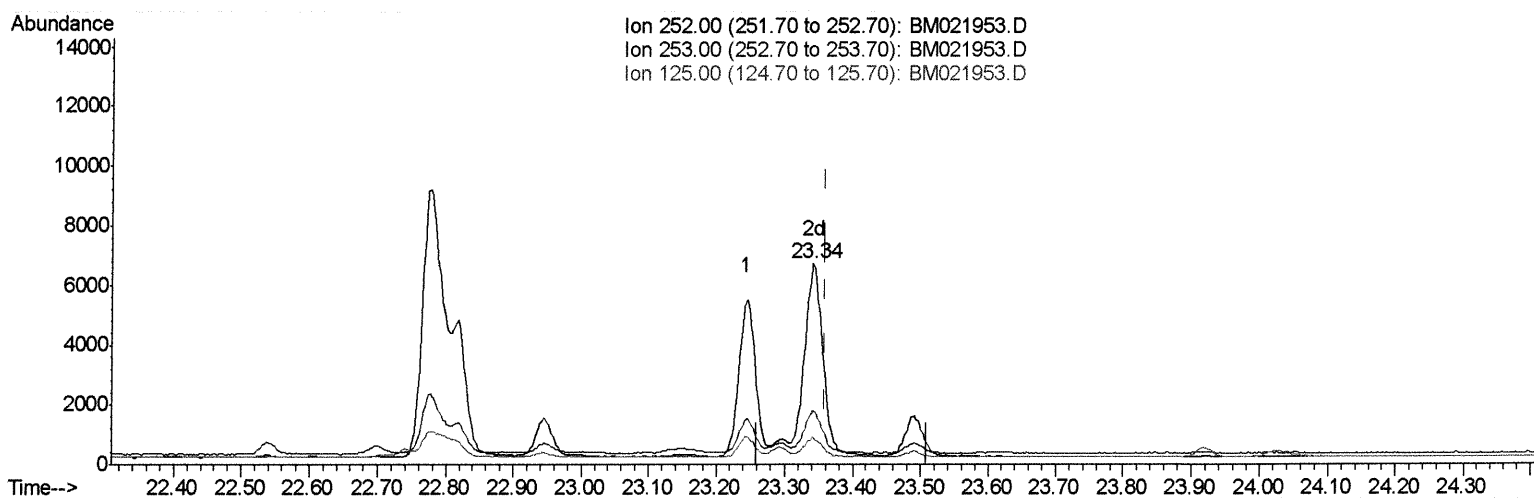
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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)

23.341min (-0.020) 0.83ng/ul m *Ju 08/09/19*

response 11942

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	26.57#
125.00	18.20	13.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

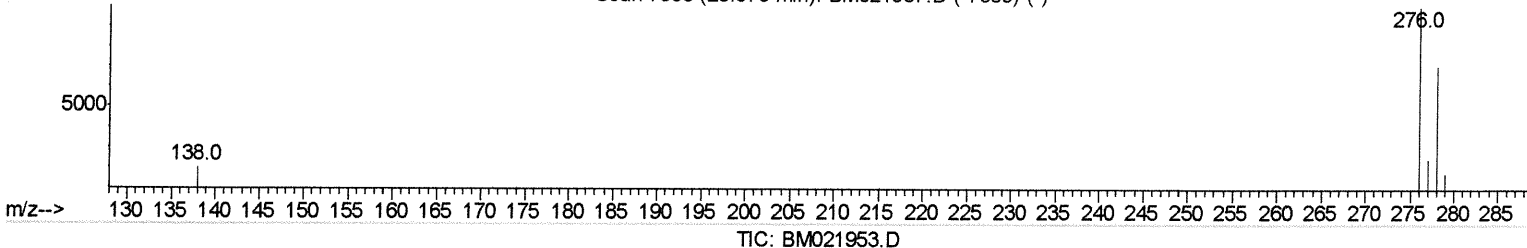
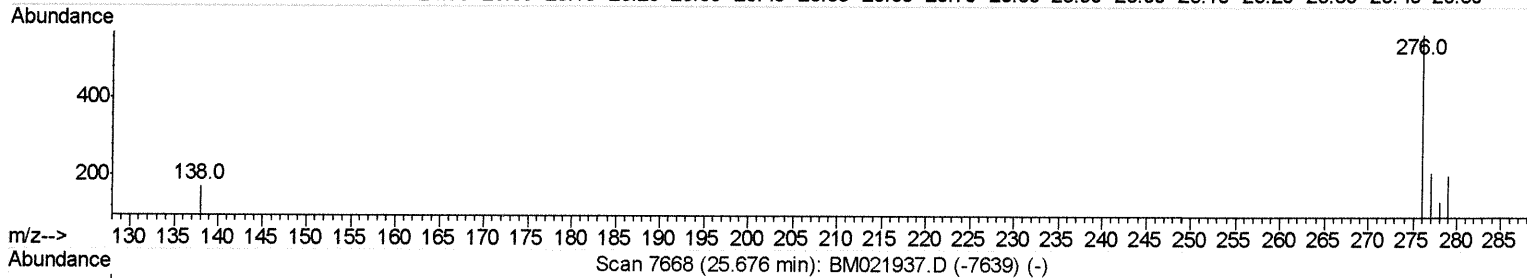
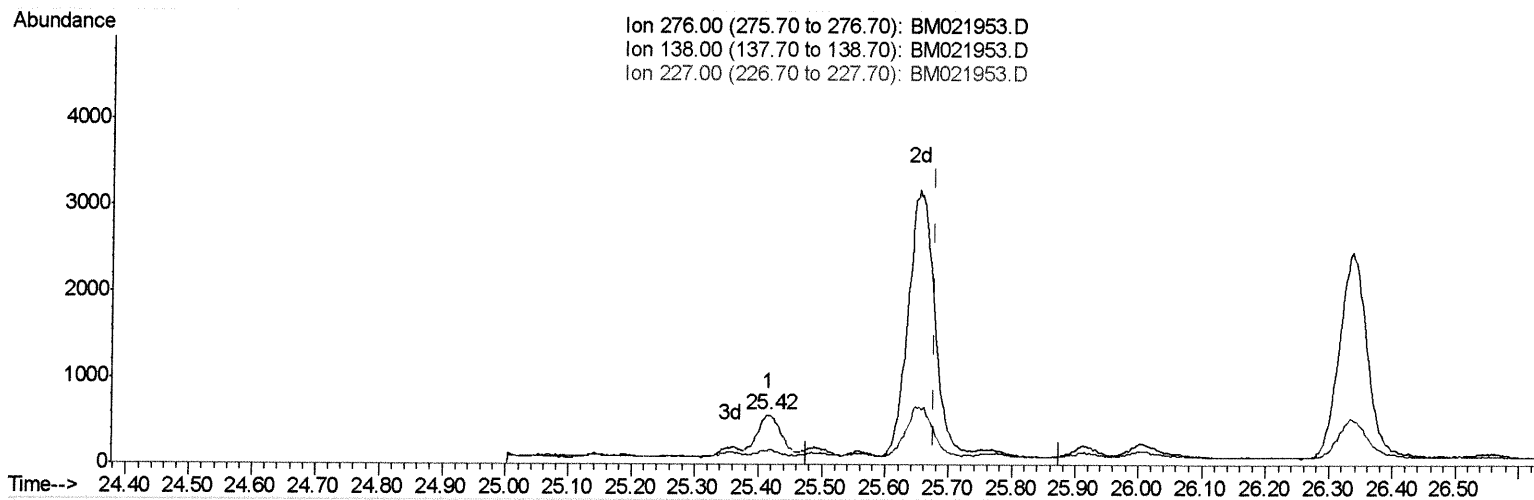
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BENY1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

25.417min (-0.259) 0.06ng/ui

response 950

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	15.16
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

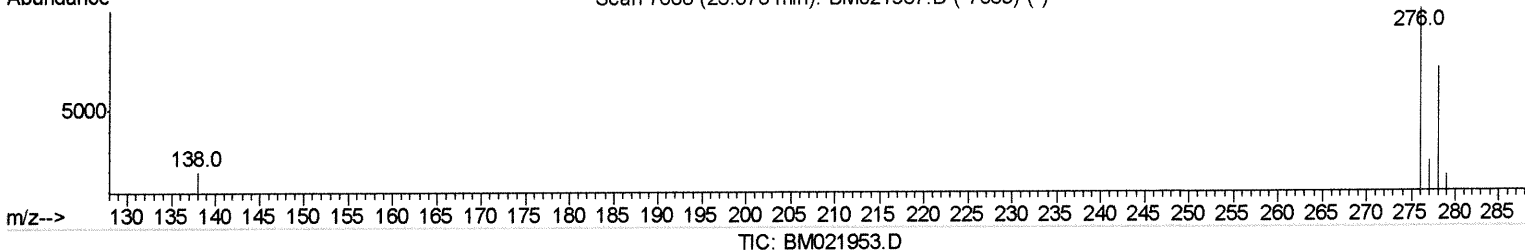
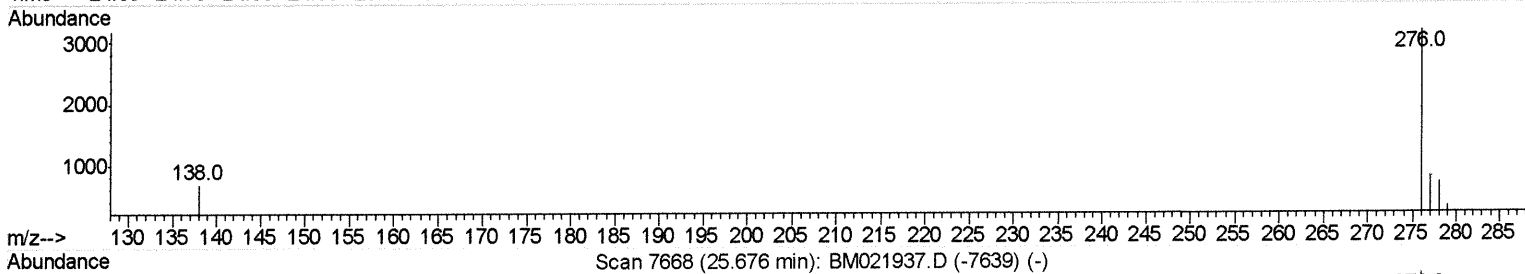
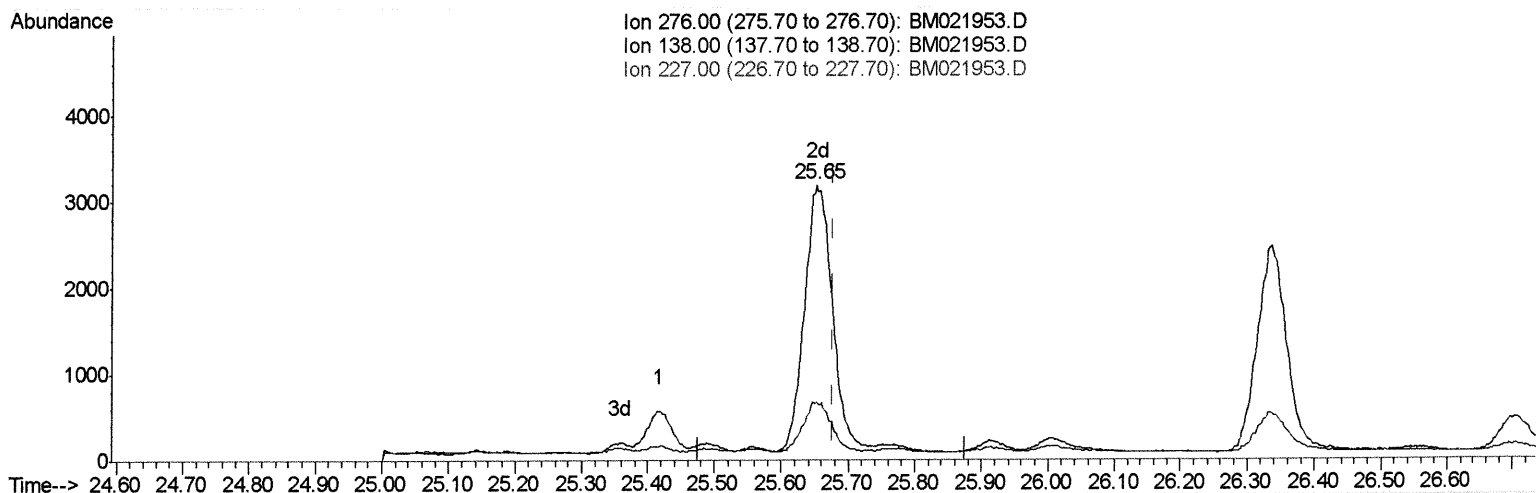
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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) 0.52ng/ul m *JU 08/09/19*

response 8962

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.61#
227.00	0.00	0.00
0.00	0.00	0.00

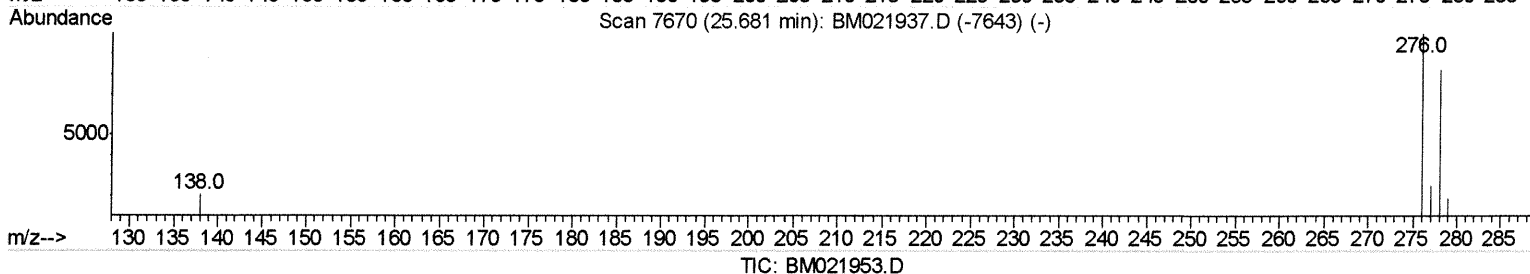
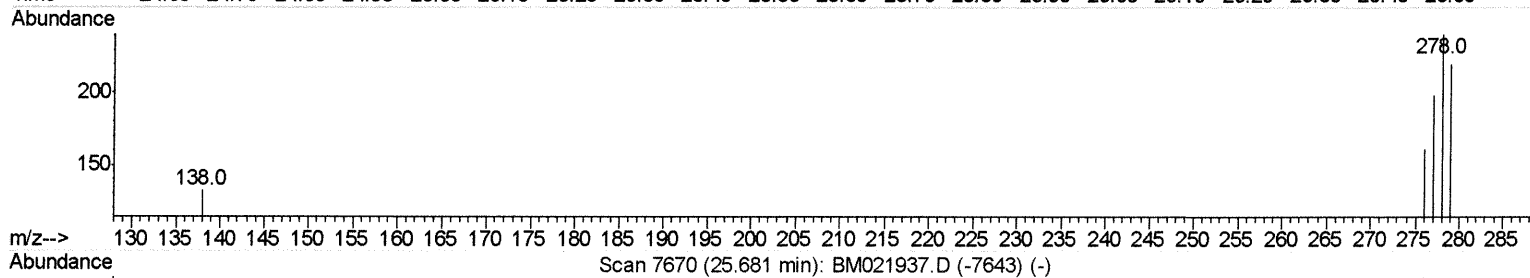
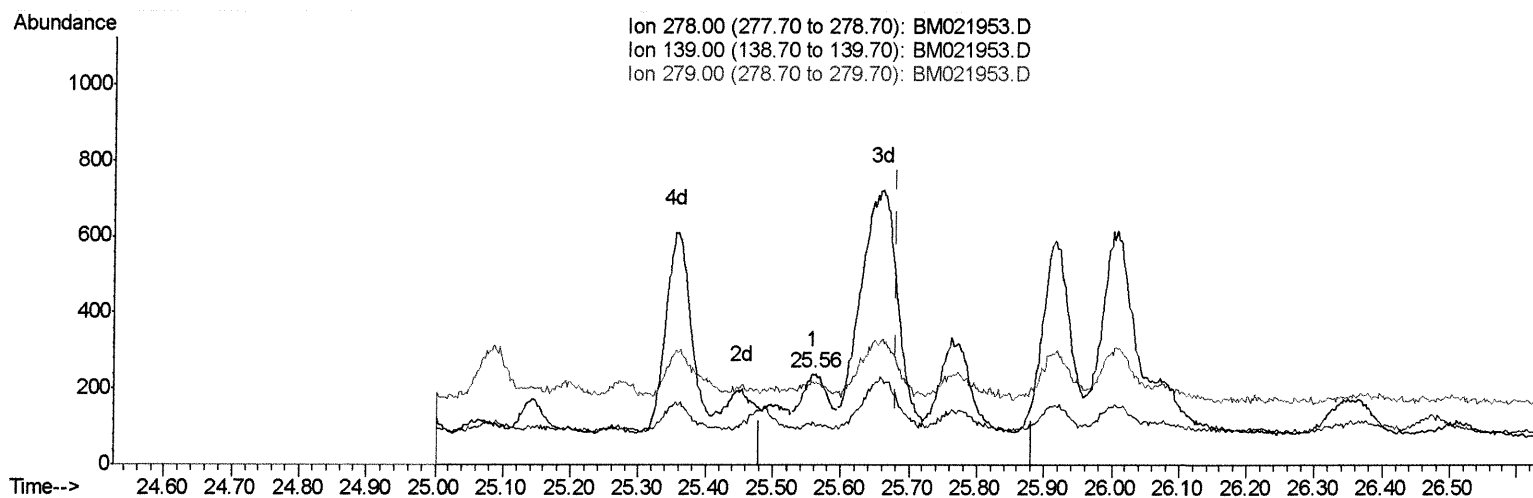
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

25.558min (-0.124) 0.02ng/ui

response 213

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	47.30#
279.00	35.40	91.29#
0.00	0.00	0.00

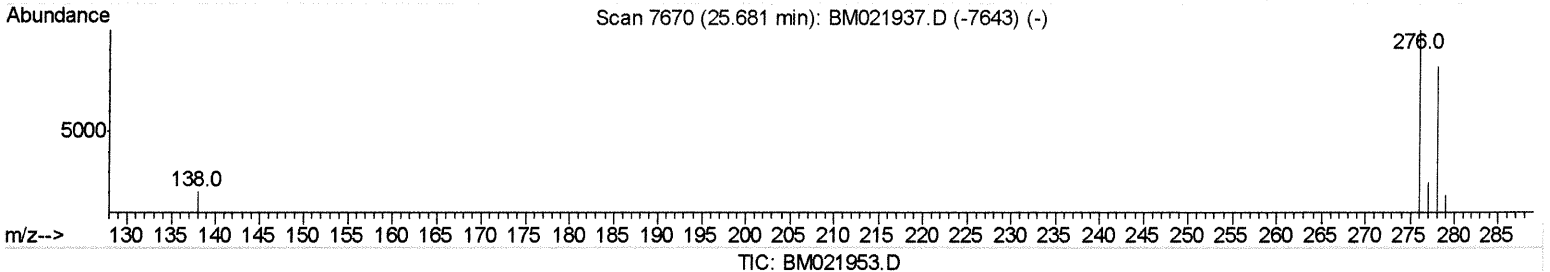
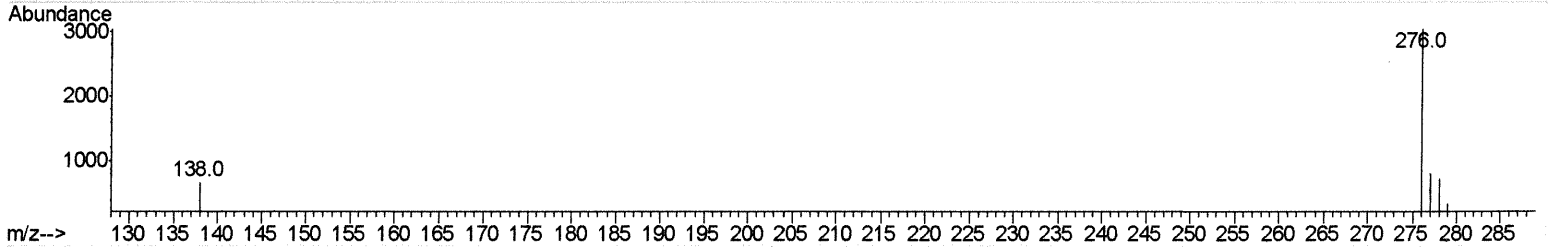
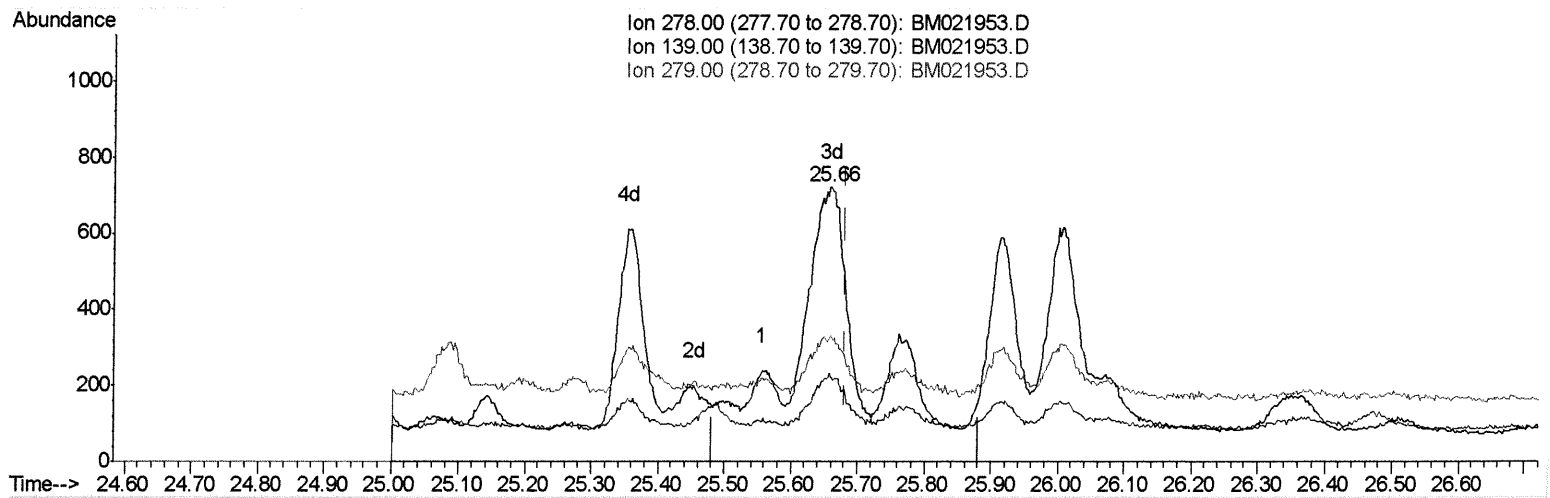
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

25.659min (-0.022) 0.16ng/ul m *JU 08/09/19*

response 2261

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	30.84#
279.00	35.40	45.92#
0.00	0.00	0.00

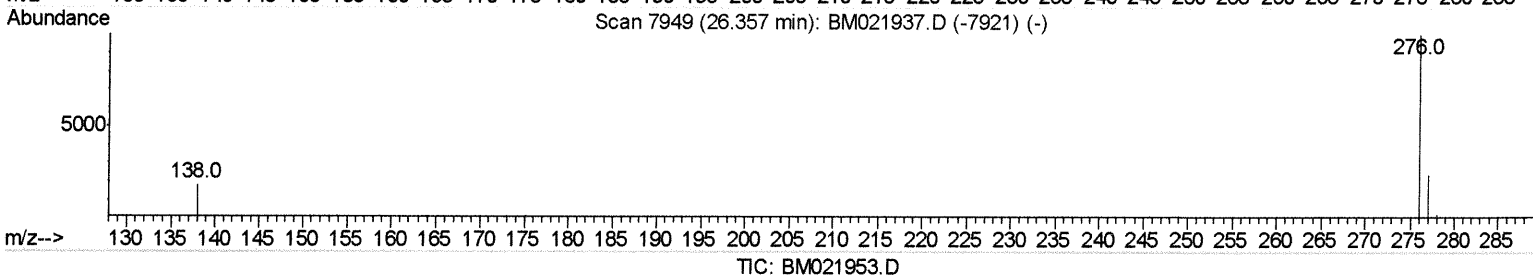
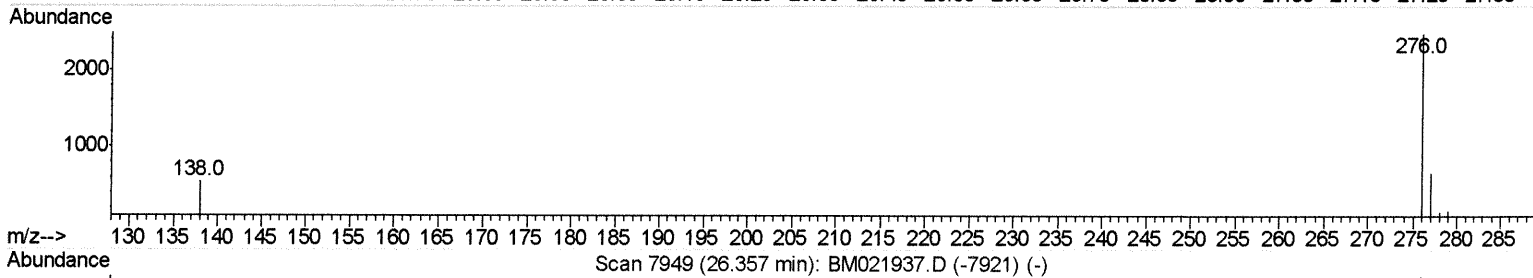
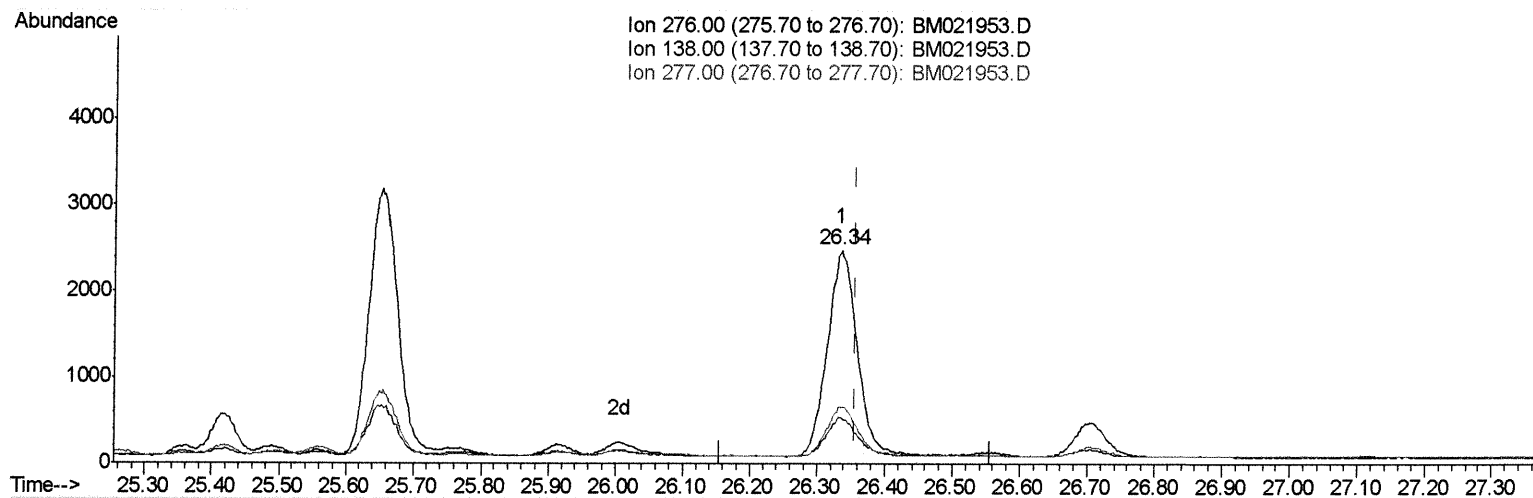
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021953.D
Acq On : 09 Aug 2019 04:27
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

26.335min (-0.022) 0.44ng/ul

response 6881

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	21.79
277.00	26.80	26.50
0.00	0.00	0.00

Quantitation Report (Qedit)

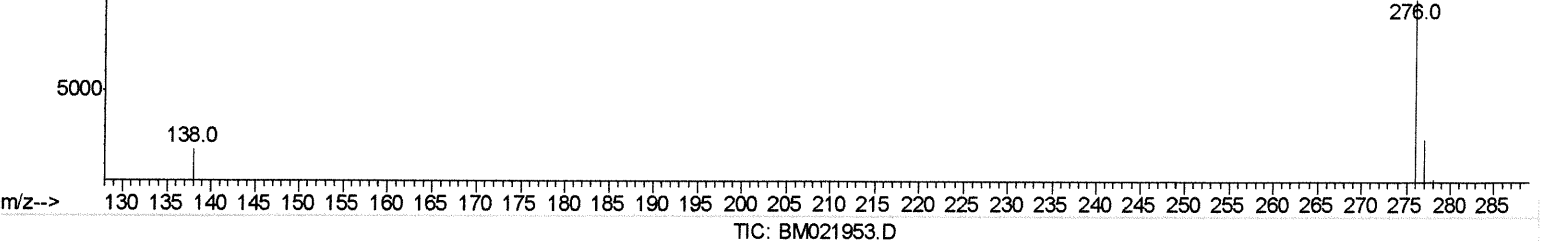
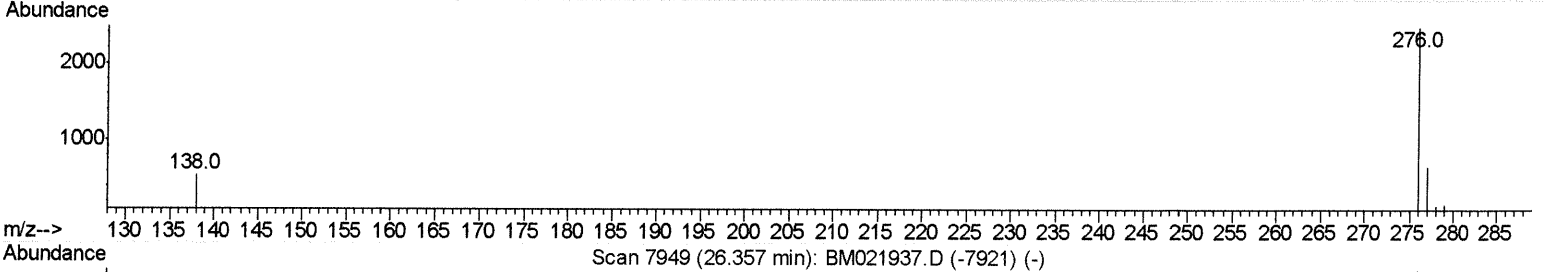
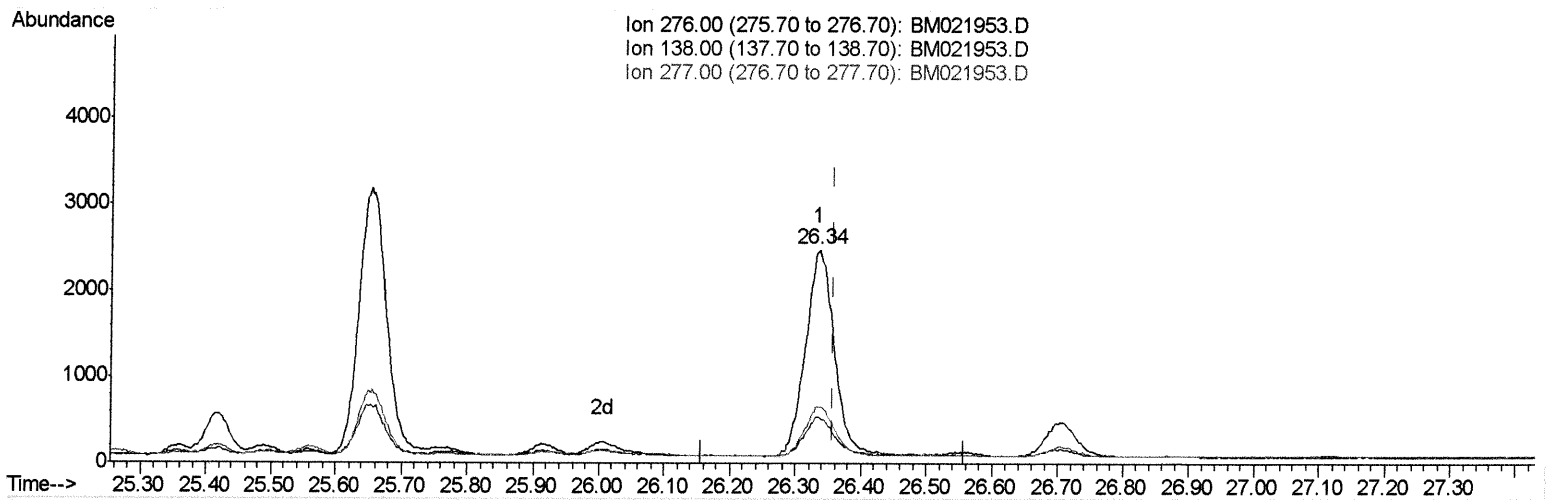
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:02:38 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

26.335min (-0.022) 0.49ng/ul m *JU 08/09/19*

response 7513

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	21.79
277.00	26.80	26.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021953.D
 Acq On : 09 Aug 2019 04:27
 Operator : HP/JU
 Sample : K4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:53 AM

Quant Time: Aug 09 06:05:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	907	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3809	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1993	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4362m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4210m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4201m →	0.40	ng/ul	-0.01

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 08/09/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	891	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2436m →	0.17	ng/ul	-0.02

JU 08/09/19

Target Compounds

						Ovalue
3) Naphthalene	10.44	128	339	0.032	ng/ul#	62
5) 2-Methylnaphthalene	12.09	142	172	0.024	ng/ul	97
7) Acenaphthylene	14.00	152	1043	0.112	ng/ul#	66
8) Acenaphthene	14.33	153	239	0.031	ng/ul#	92
9) Fluorene	15.33	166	327	0.039	ng/ul#	93
12) Phenanthrene	17.07	178	7154	0.564	ng/ul	98
13) Anthracene	17.16	178	1753m →	0.162	ng/ul	97
15) Fluoranthene	19.09	202	22208m →	1.306	ng/ul	97
17) Pyrene	19.46	202	21283	1.230	ng/ul	96
18) Benzo(a)anthracene	21.21	228	10692	0.710	ng/ul	99
19) Chrysene	21.27	228	13849	0.715	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	19547m →	1.380	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	5808m →	0.362	ng/ul	97
23) Benzo(a)pyrene	23.34	252	11942m →	0.829	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.65	276	8962m →	0.521	ng/ul	97
25) Dibenzo(a,h)anthracene	25.66	278	2261m →	0.163	ng/ul	97
26) Benzo(a,h,i)perylene	26.34	276	7513m →	0.485	ng/ul	97

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 08/09/19

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