

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

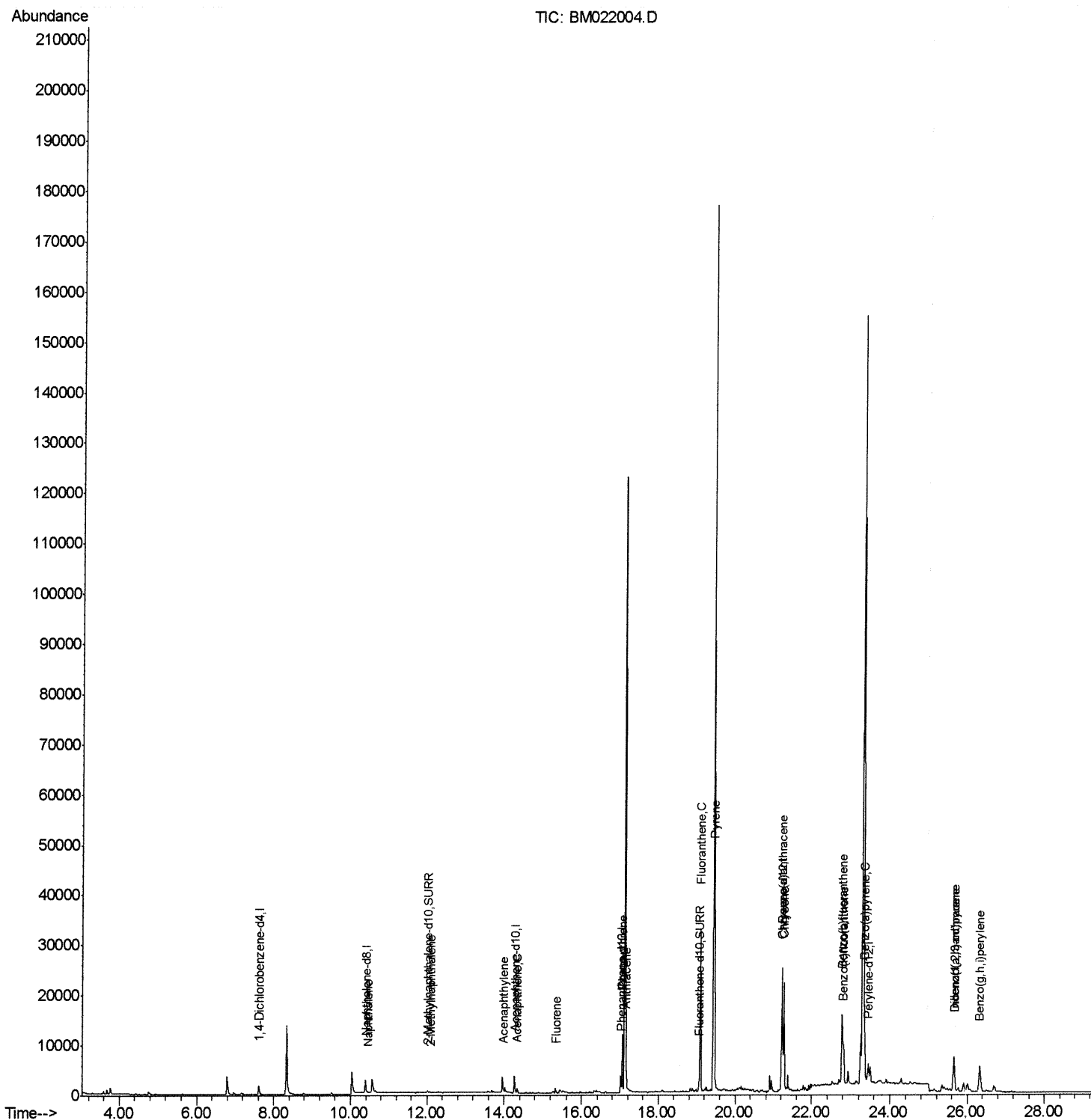
Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Sohil

8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:24:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

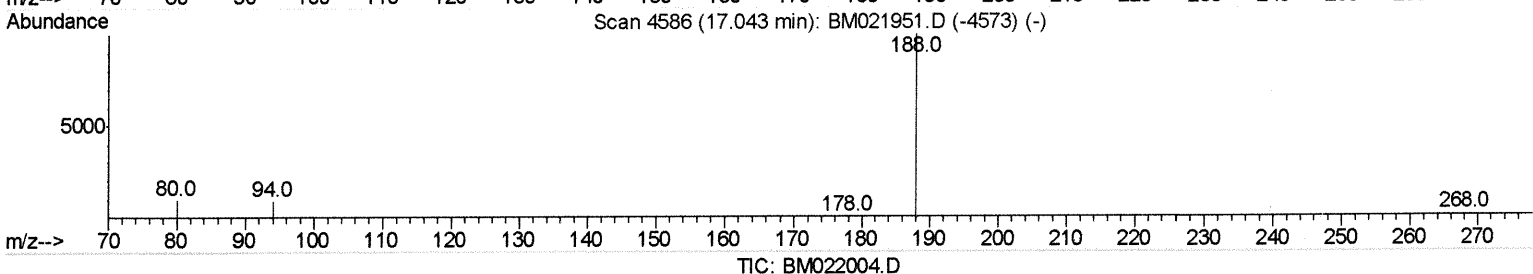
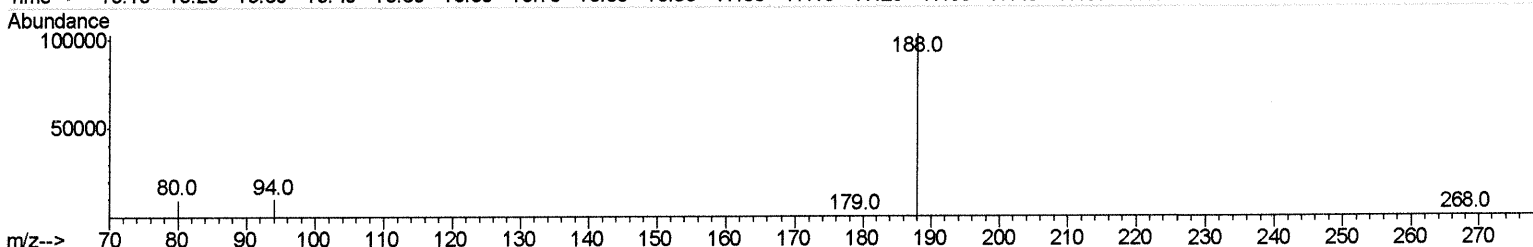
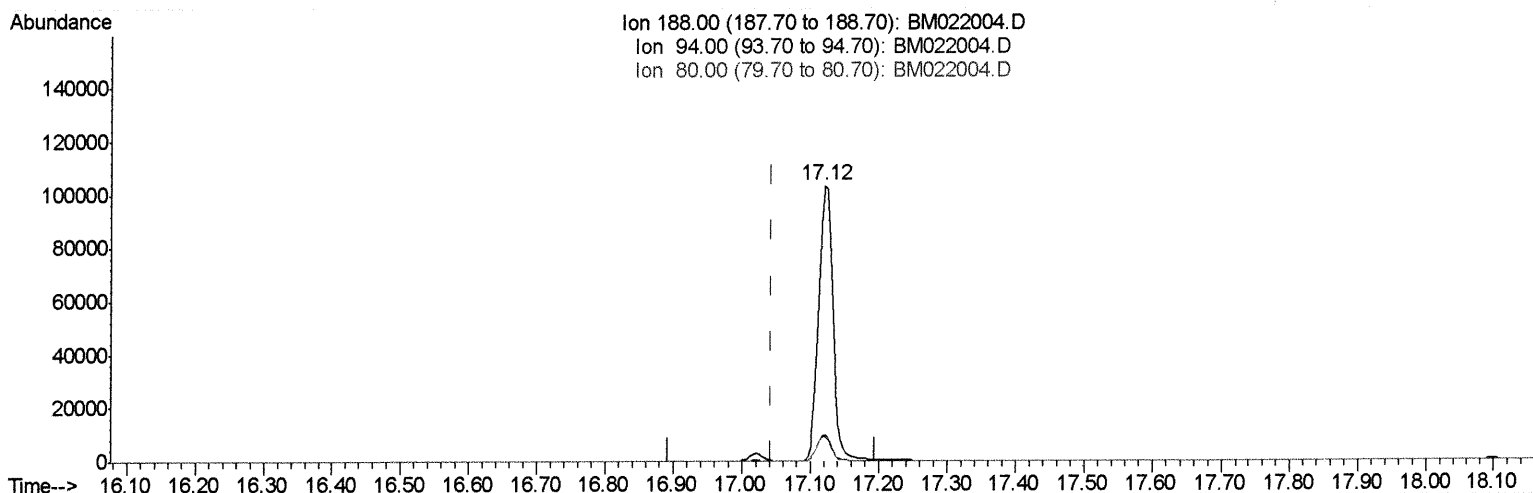
Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Sohil

8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:18:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.119min (+0.075) 0.40ng/ul

response 145983

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.63
80.00	11.40	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

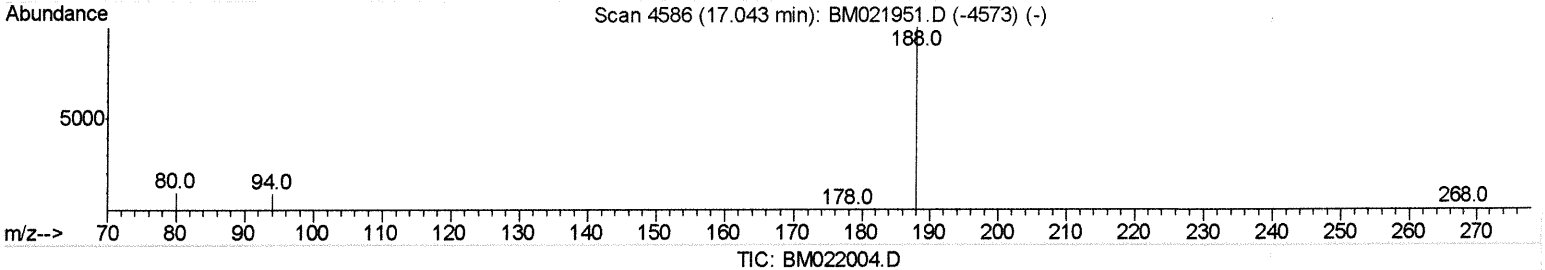
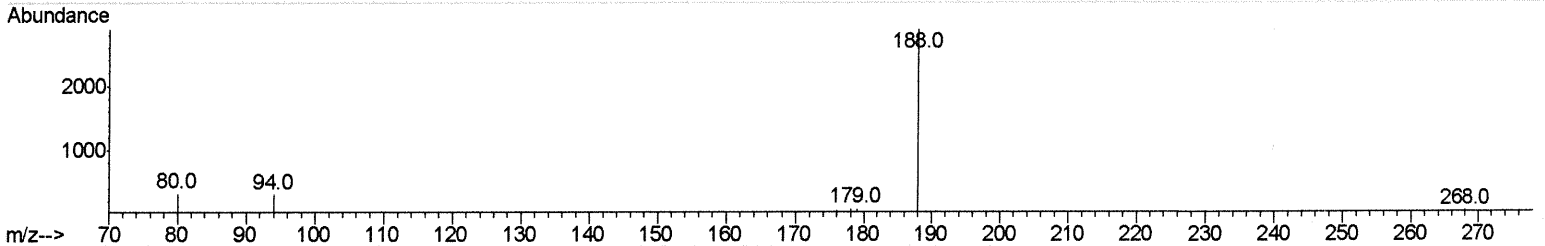
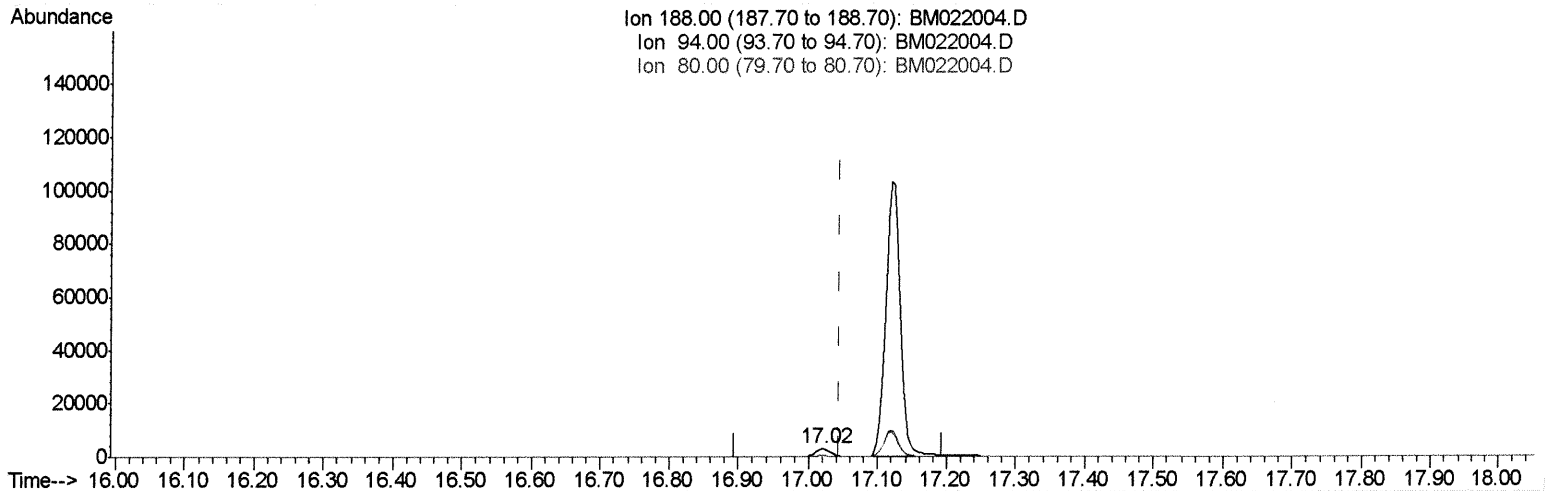
Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:18:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.022min (-0.022) 0.40ng/ul m

JU
 08/12/19

response 4162

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.84
80.00	11.40	11.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

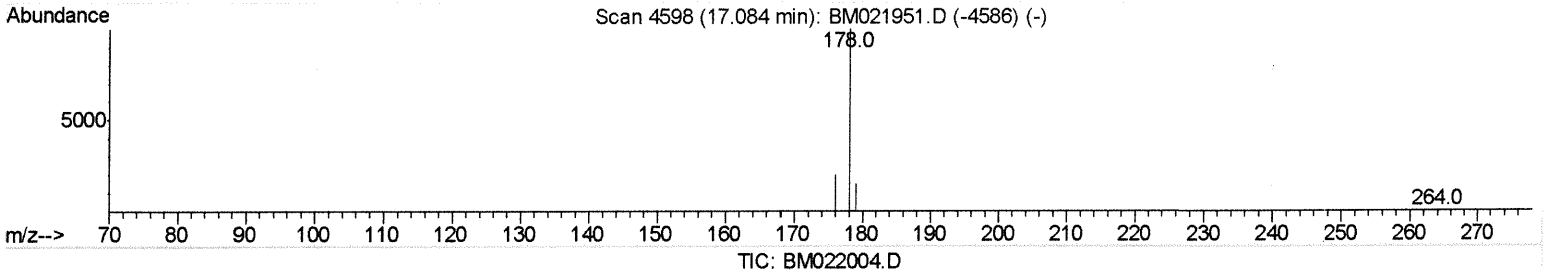
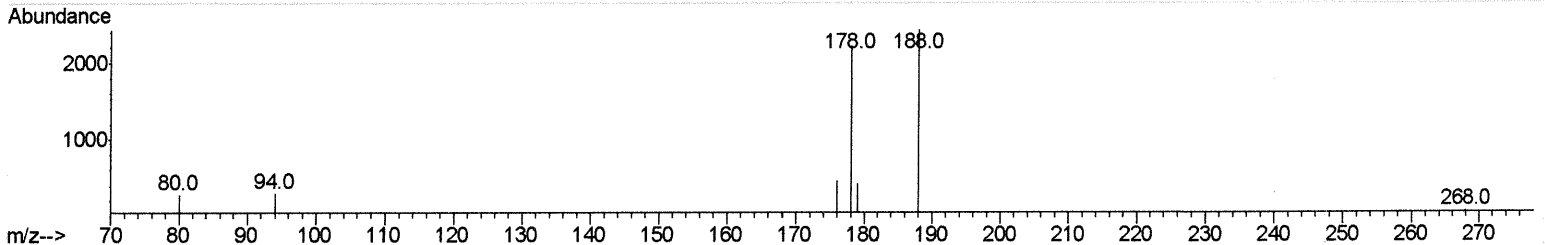
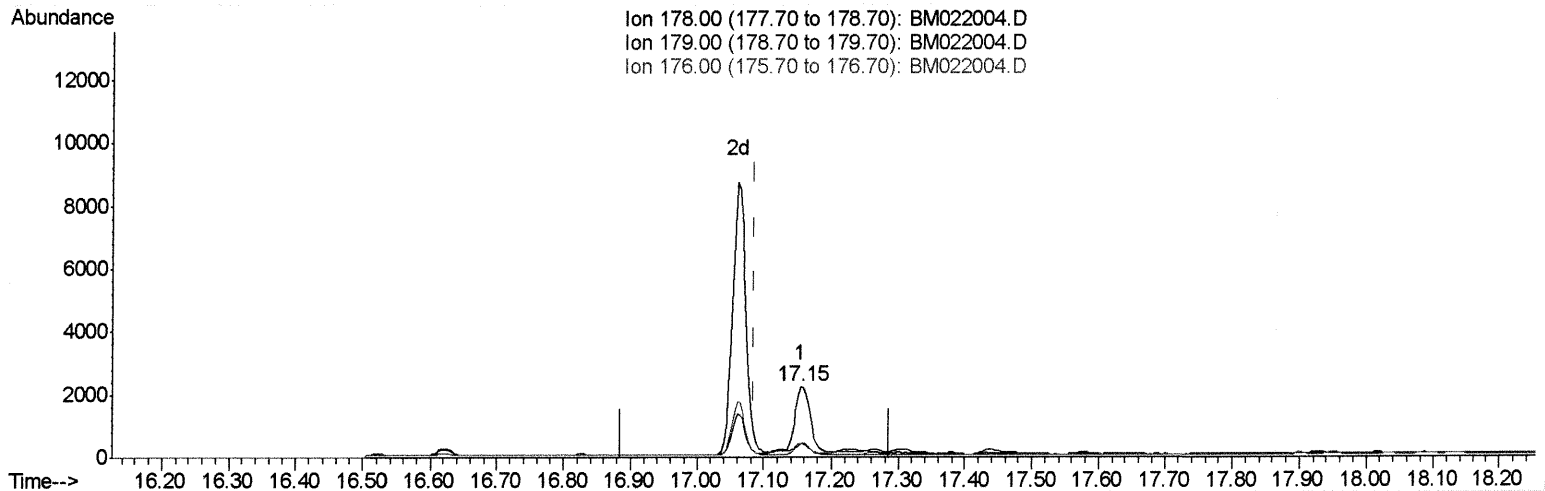
Instrument :
 BNA_M
ClientSampleId :
 BENX2

Manual Integrations
APPROVED

Sohil

8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:18:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.154min (+0.068) 0.28ng/ul

response 3434

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	19.23
176.00	21.00	20.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

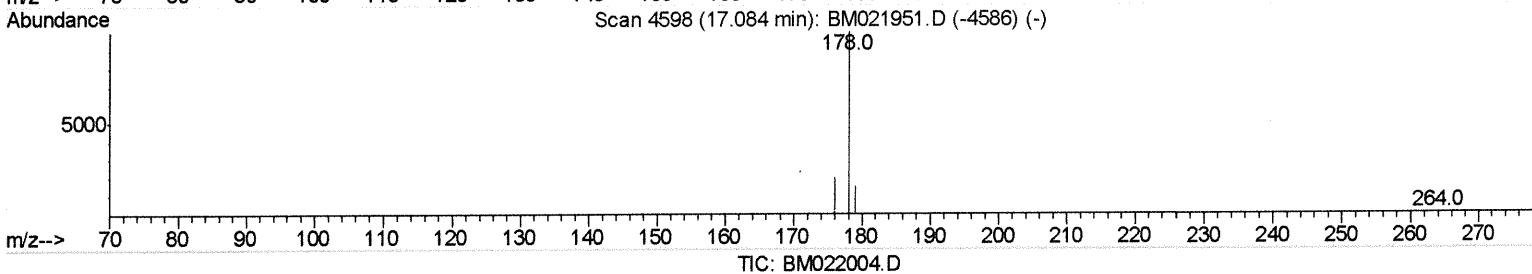
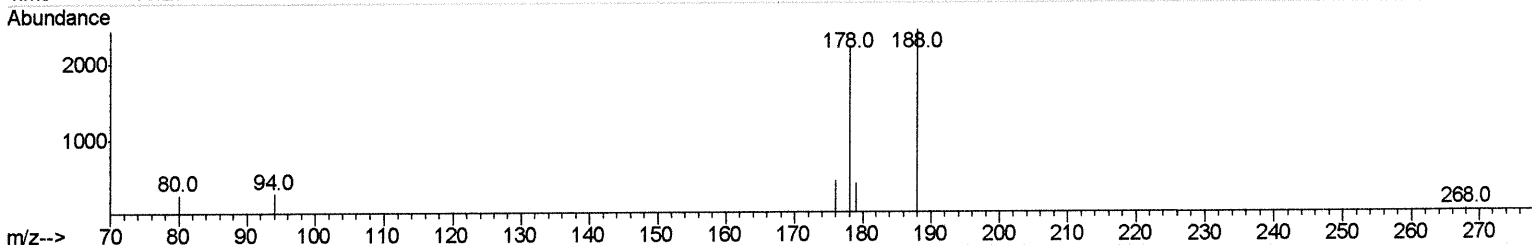
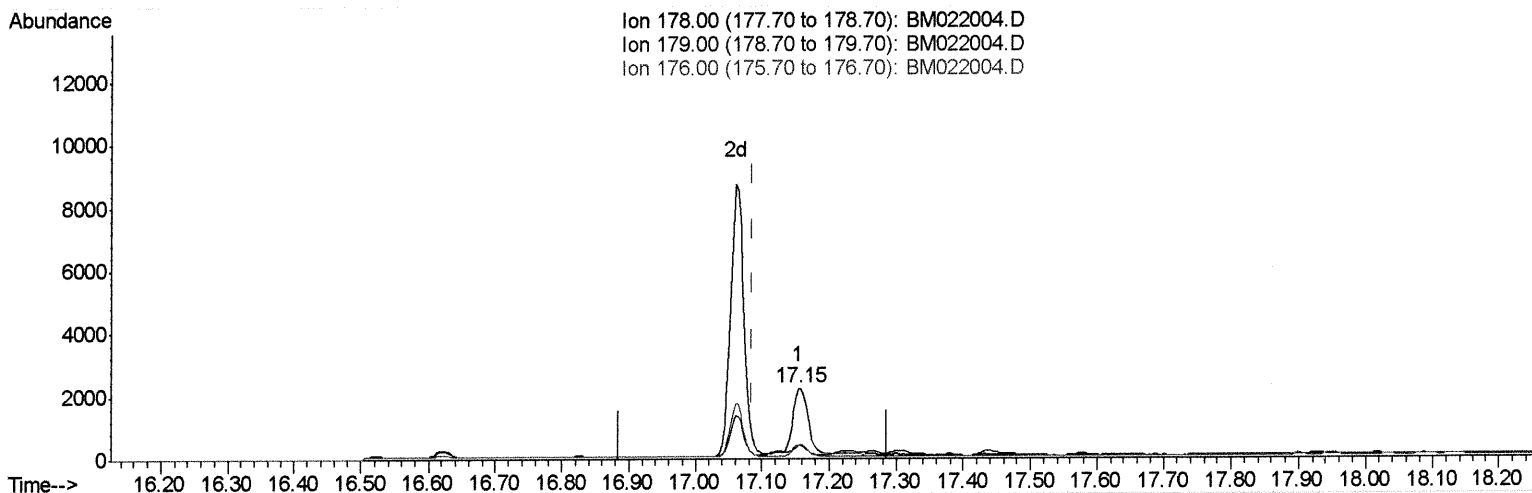
Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Sohil

8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(12) Phenanthrene

17.154min (+0.068) 0.28ng/ul

response 3434

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	19.23
176.00	21.00	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

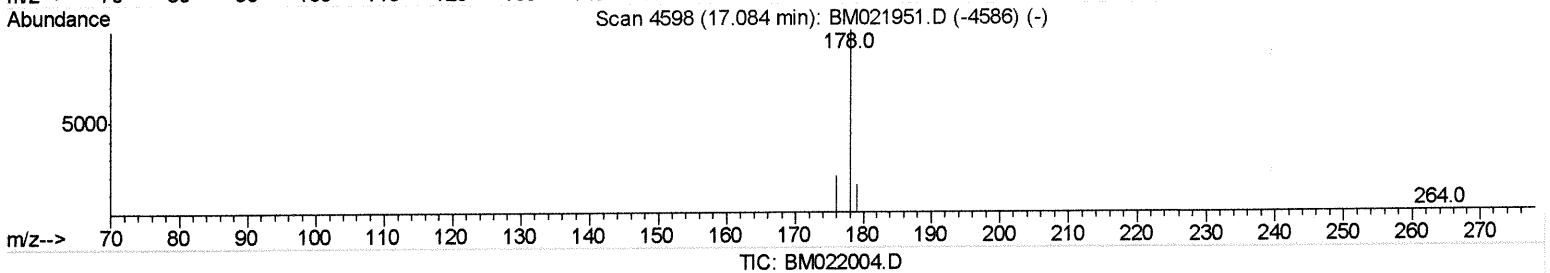
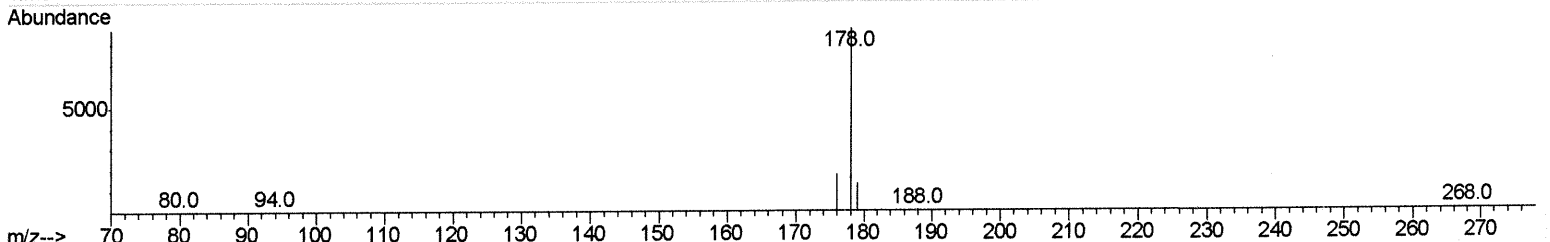
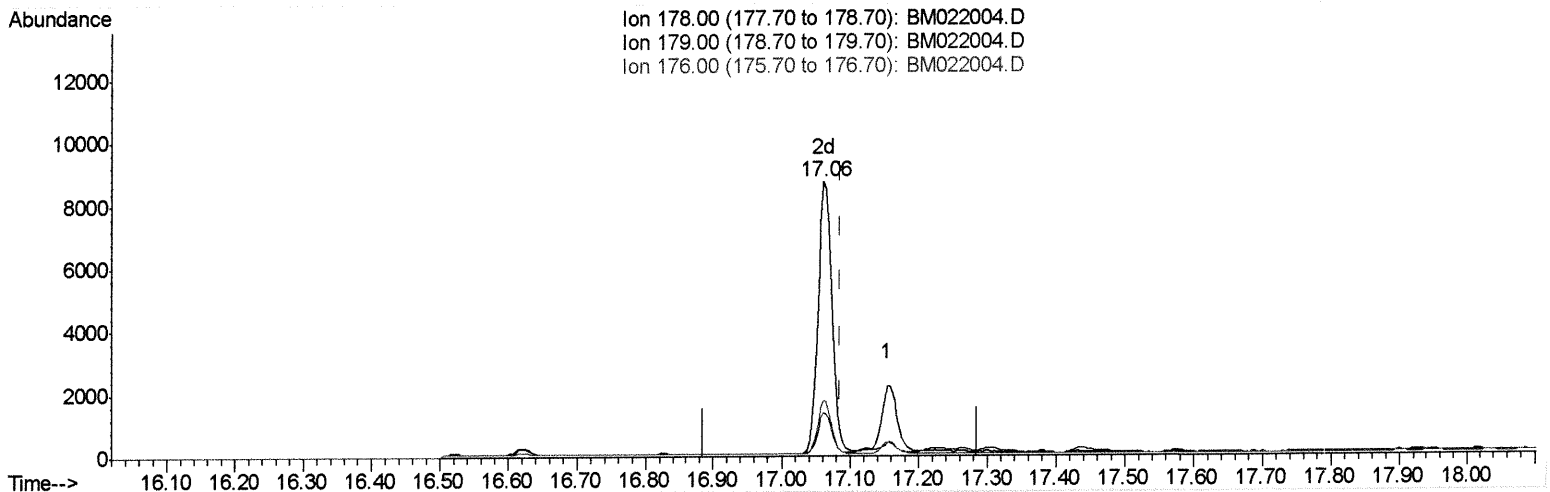
Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

8/13/2019 8:46:30 AM



(12) Phenanthrene

17.060min (-0.026) 1.03ng/ul m *JU 08/12/19*

response 12453

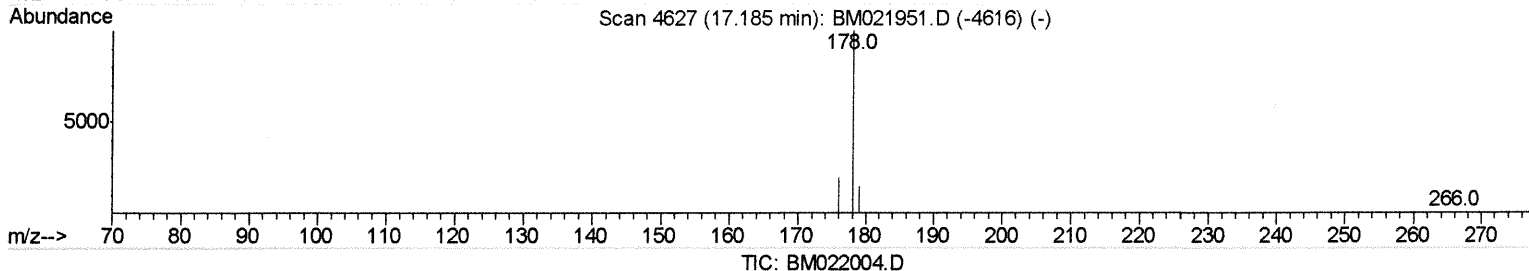
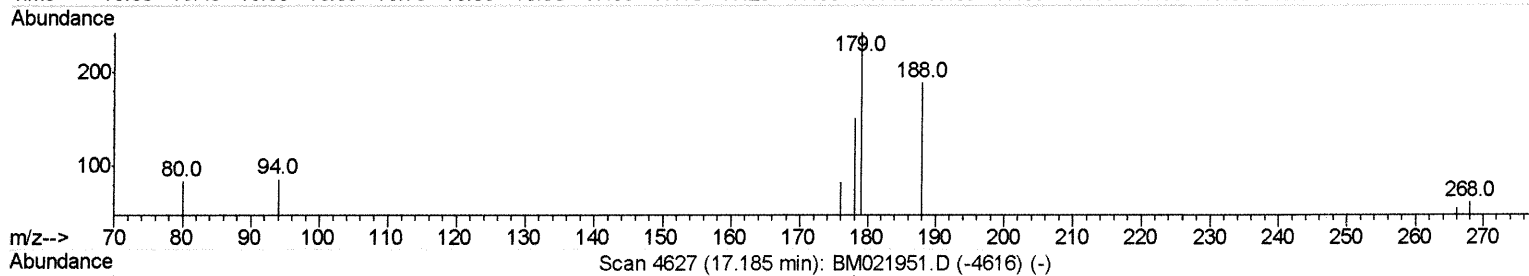
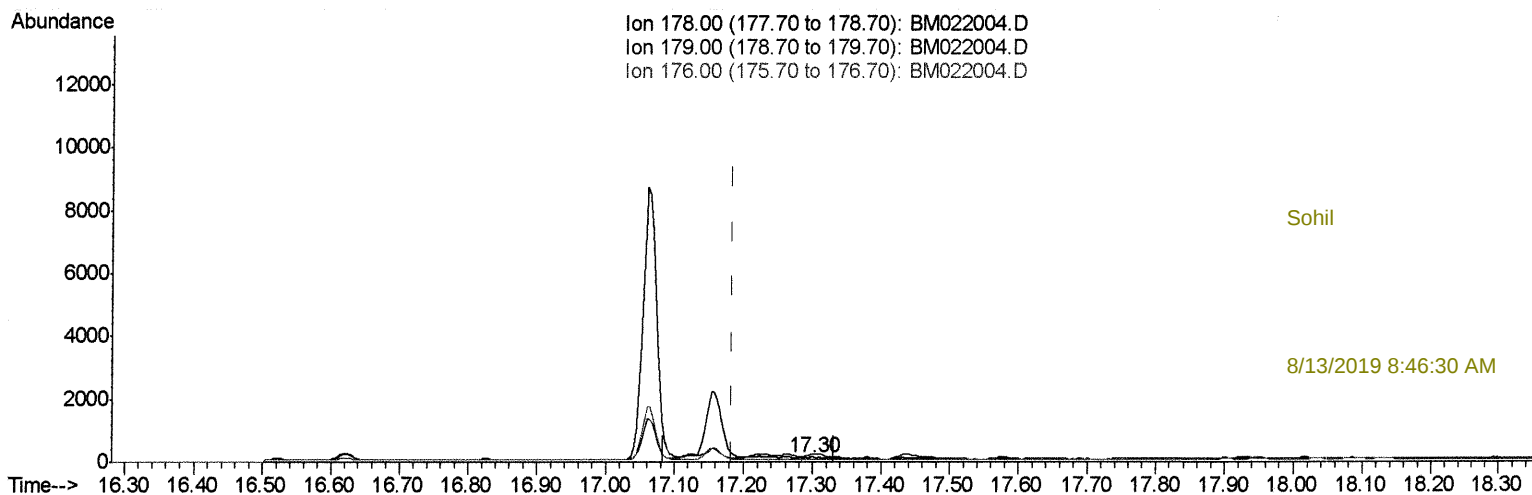
Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.83
176.00	21.00	20.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(13) Anthracene

17.300min (+0.117) 0.01ng/ul

response 128

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	160.93#
176.00	20.80	54.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

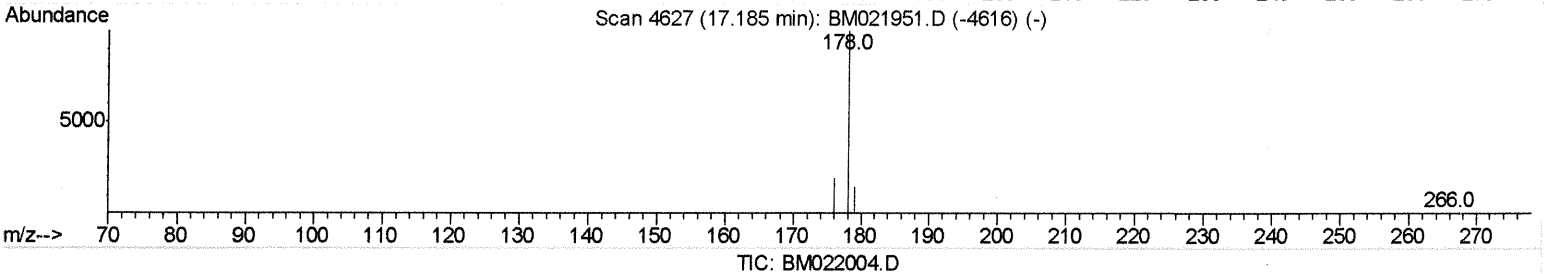
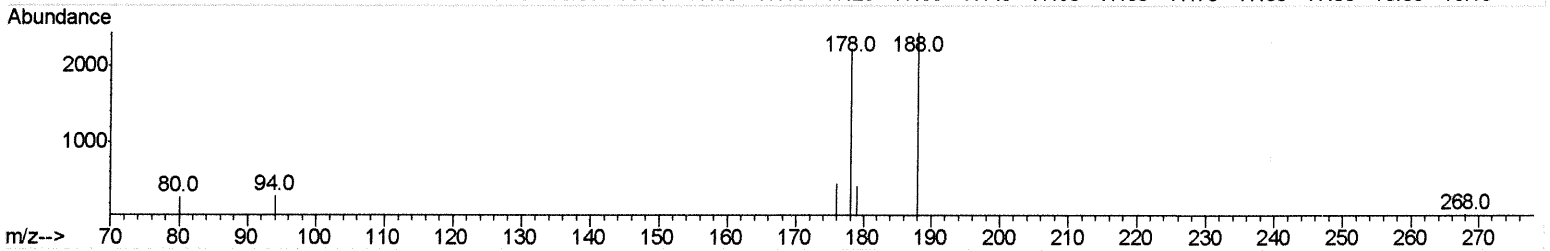
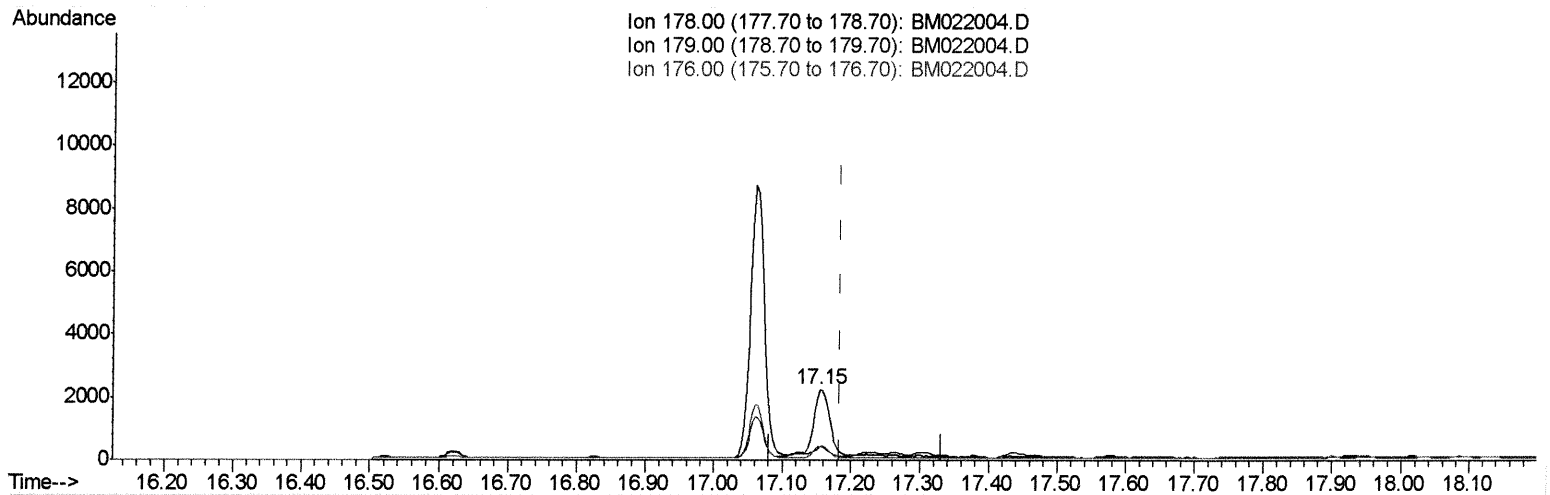
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(13) Anthracene

17.154min (-0.029) 0.35ng/ul m

Ju
08/12/19

response 3574

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	19.23
176.00	20.80	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

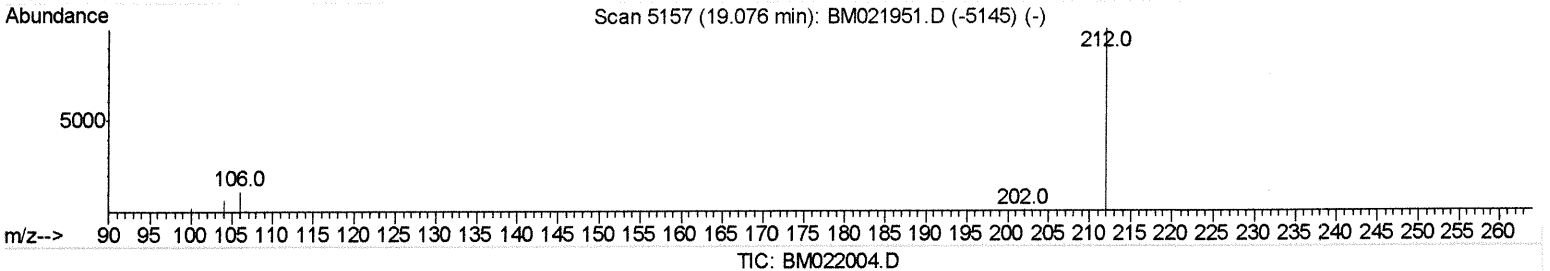
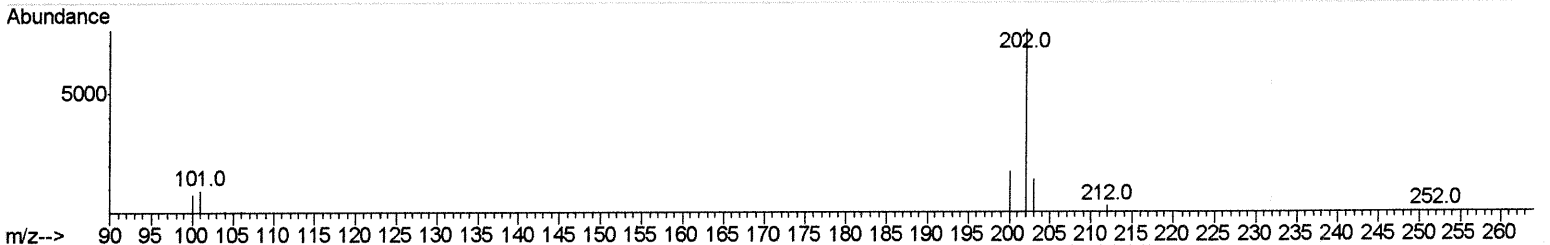
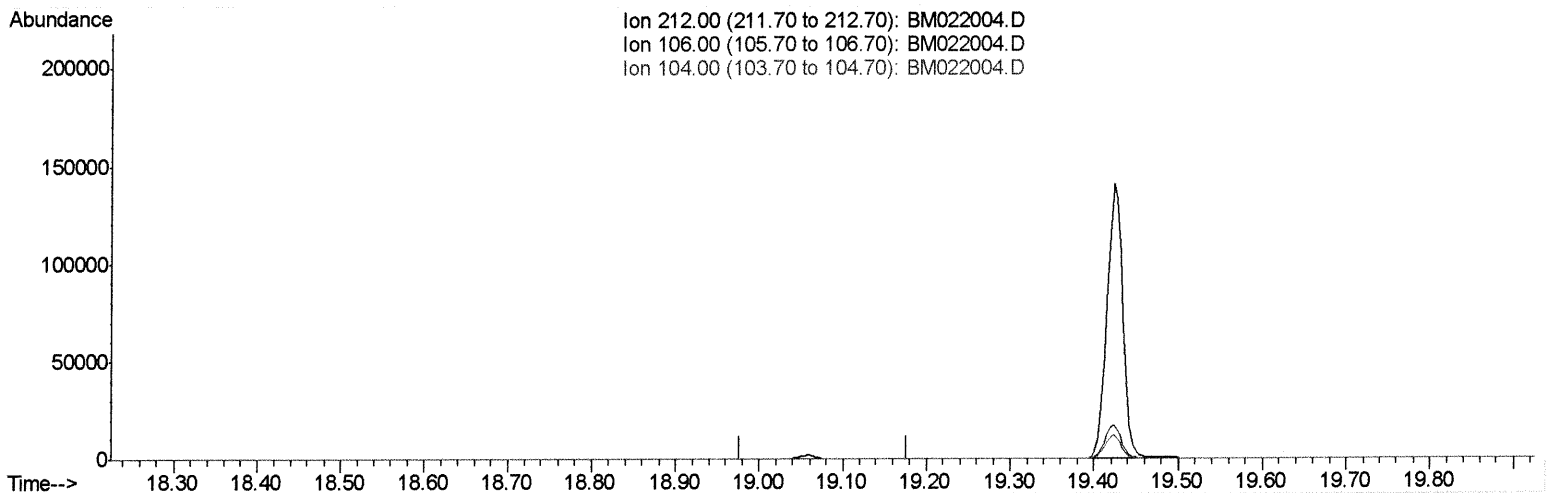
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENX2

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 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

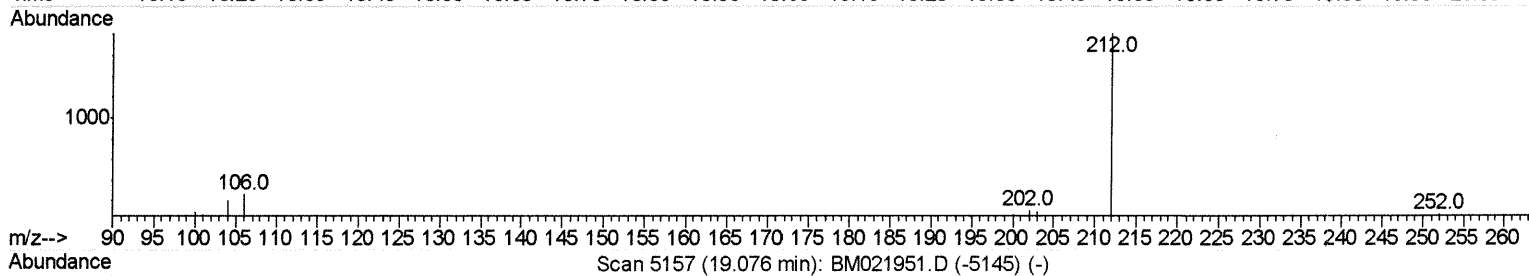
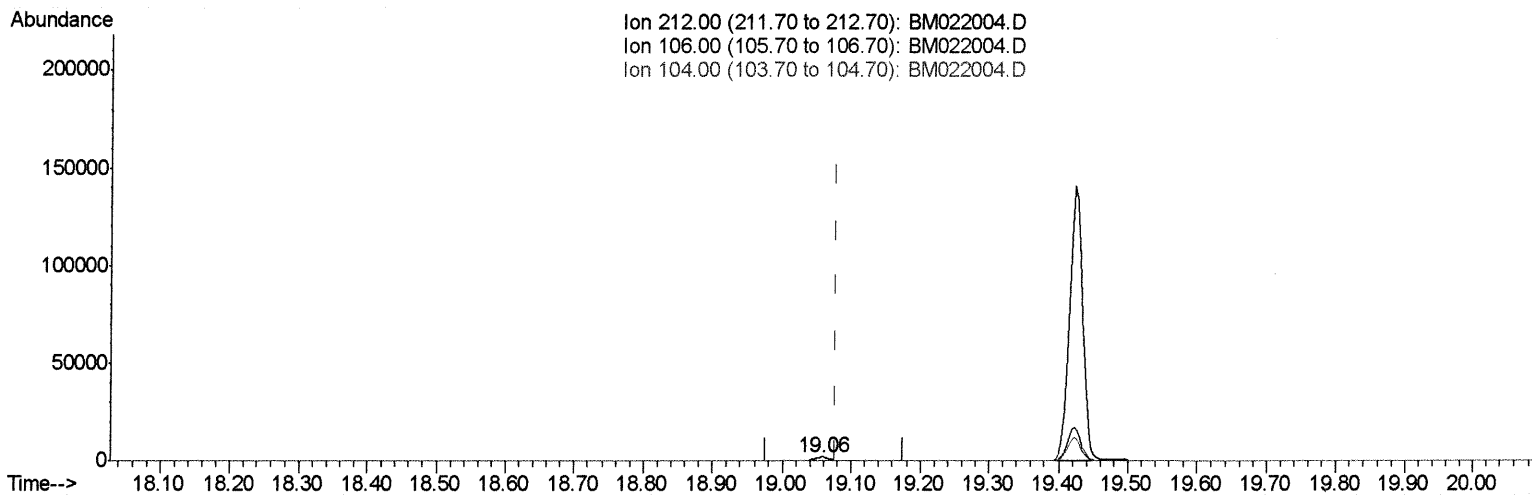
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX2

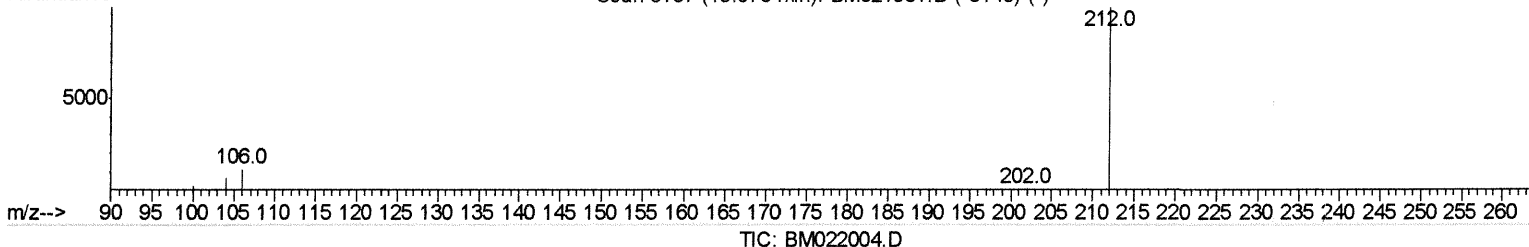
Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



Scan 5157 (19.076 min): BM021951.D (-5145) (-)



(14) Fluoranthene-d10 (SURR)

19.057min (-0.021) 0.19ng/ul m

JU
08/12/19

response 2630

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)

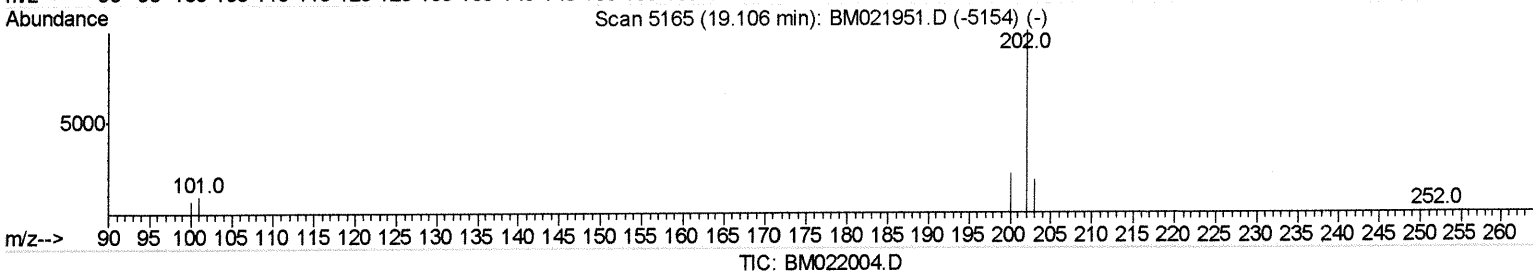
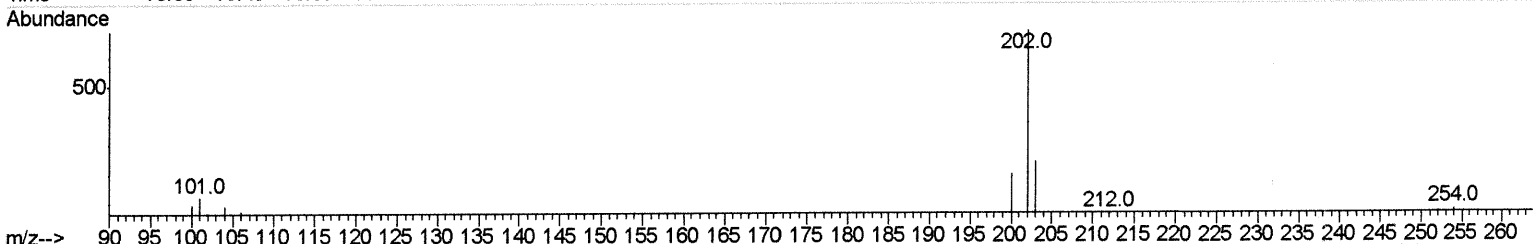
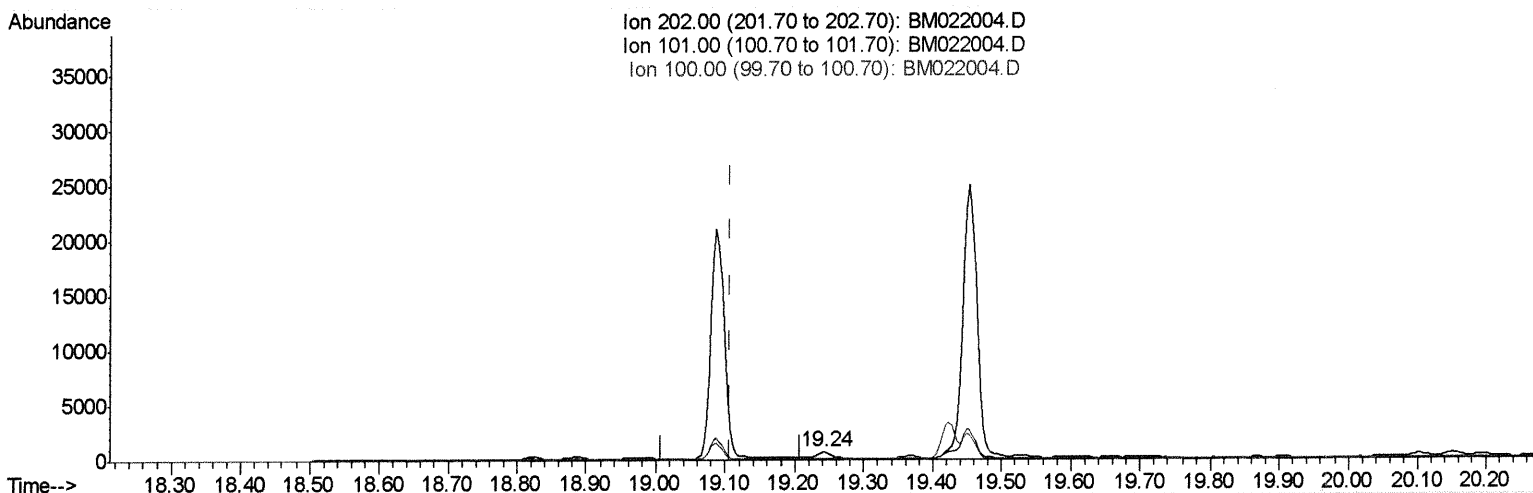
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.244min (+0.136) 0.05ng/ul

response 772

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	17.56
100.00	8.10	13.79
0.00	0.00	0.00

Quantitation Report (Qedit)

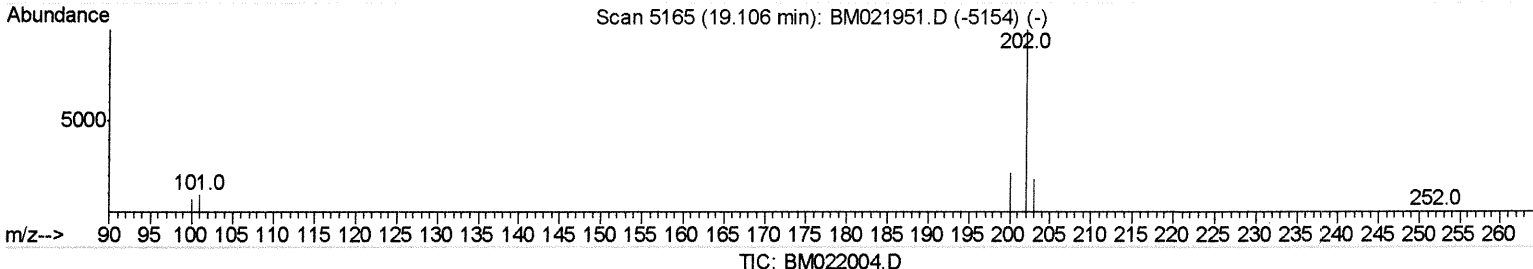
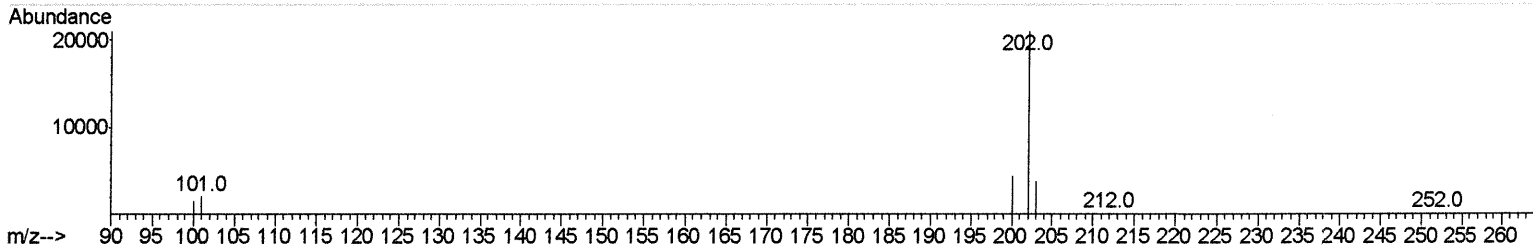
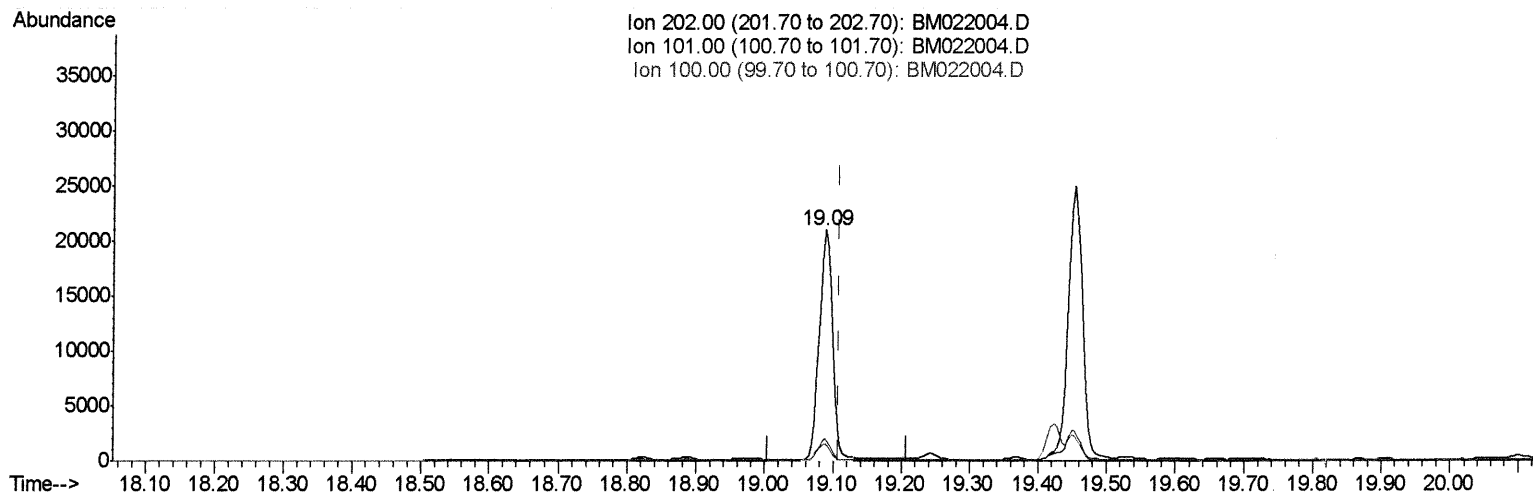
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.087min (-0.021) 1.75ng/ul m ^{JU} 08/12/19

response 28389

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.62
100.00	8.10	7.45
0.00	0.00	0.00

Quantitation Report (Qedit)

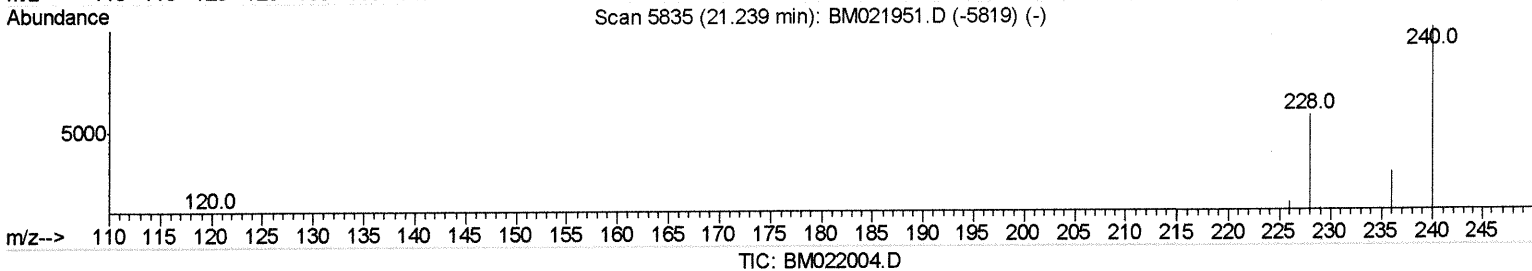
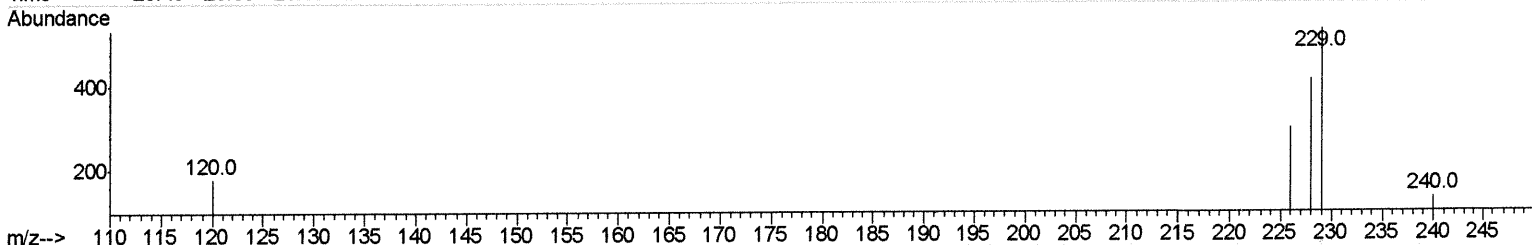
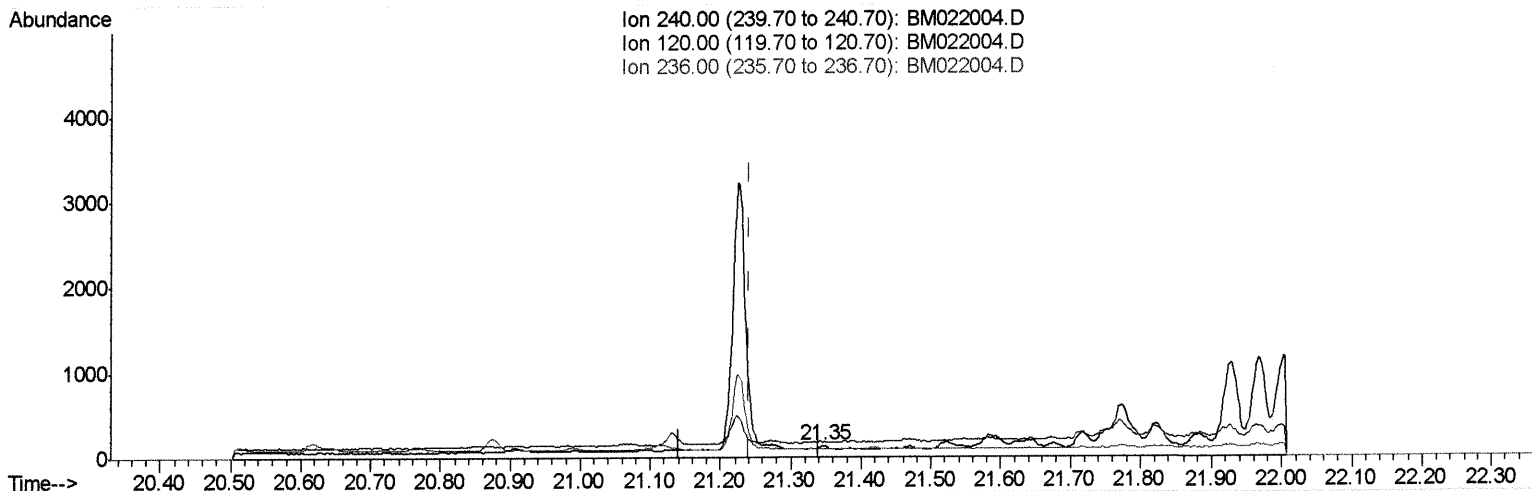
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.345min (+0.104) 0.40ng/ul

response 53

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	135.34#
236.00	32.30	74.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

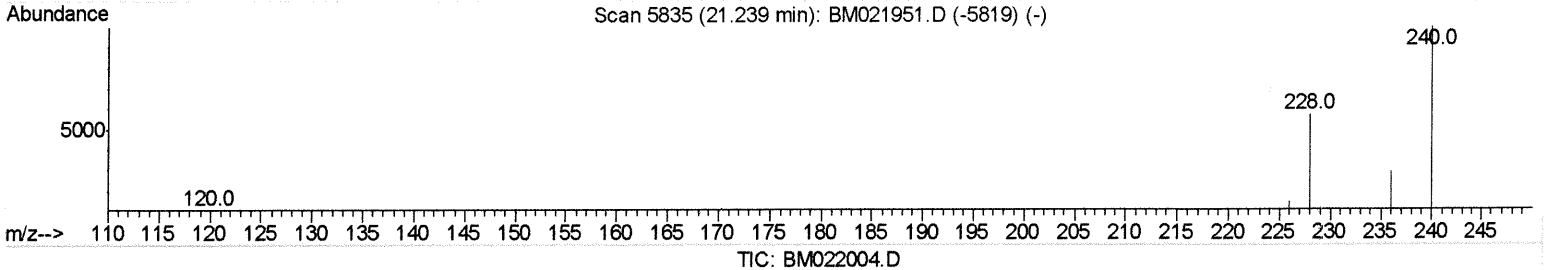
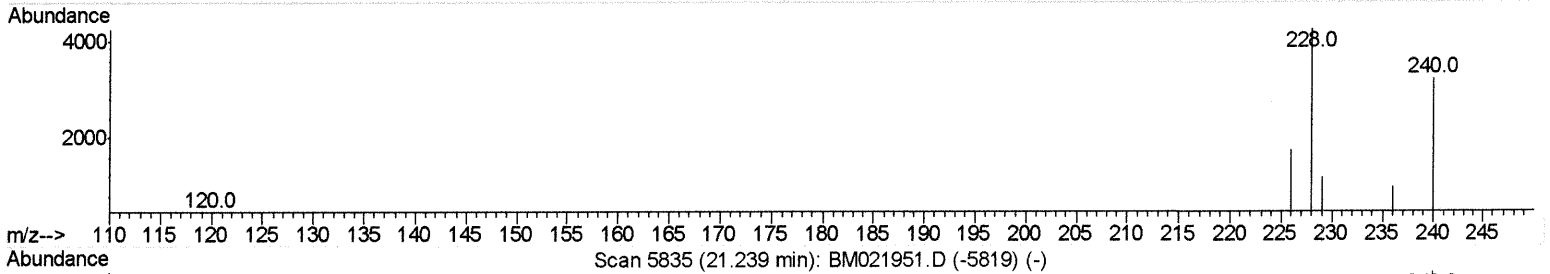
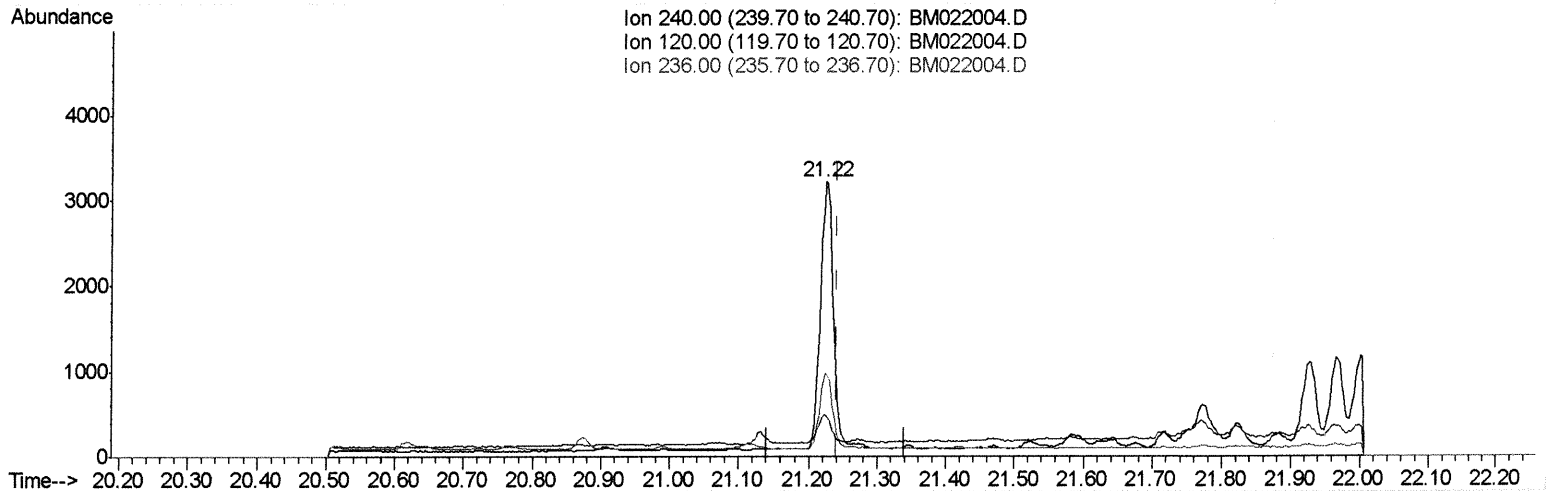
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:19:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.224min (-0.017) 0.40ng/ul m *JU* 08/12/19

response 4023

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.98
236.00	32.30	30.45
0.00	0.00	0.00

Quantitation Report (Qedit)

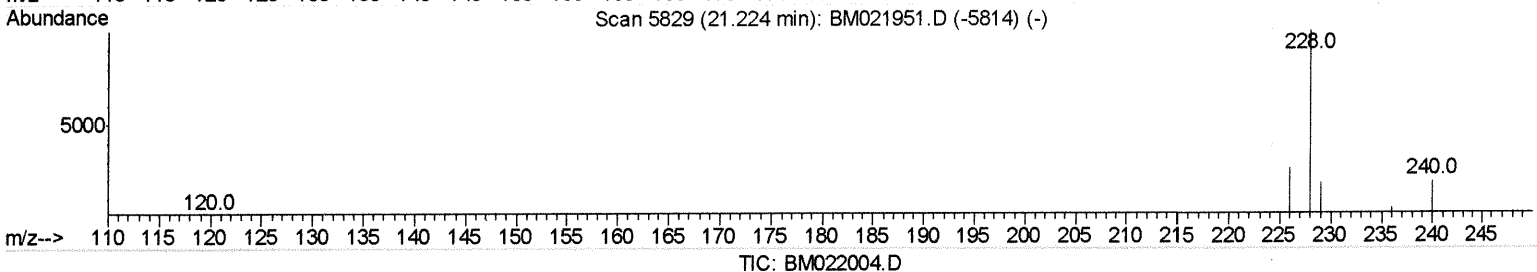
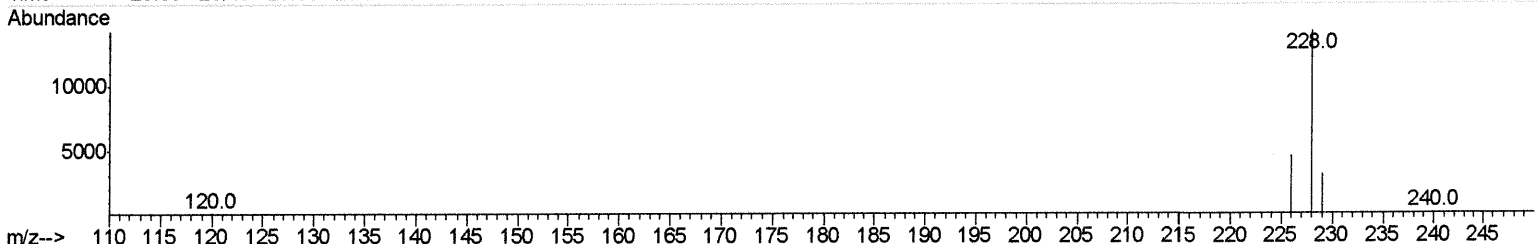
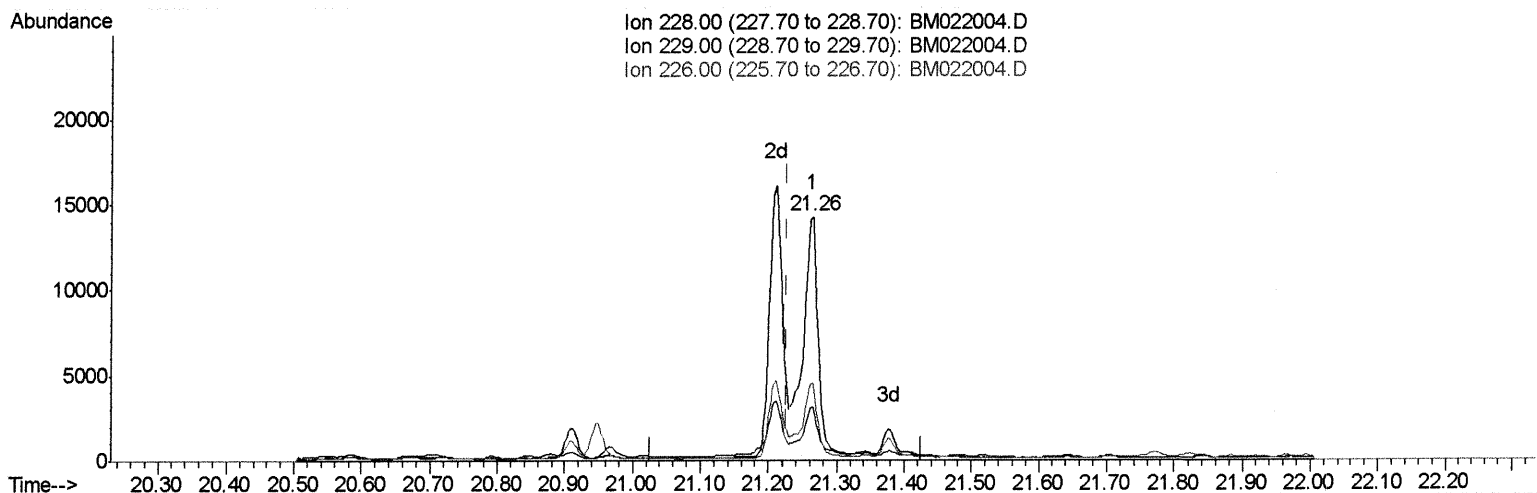
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:21:24 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.263min (+0.036) 1.52ng/ul

response 21805

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.87
226.00	28.30	31.90
0.00	0.00	0.00

Quantitation Report (Qedit)

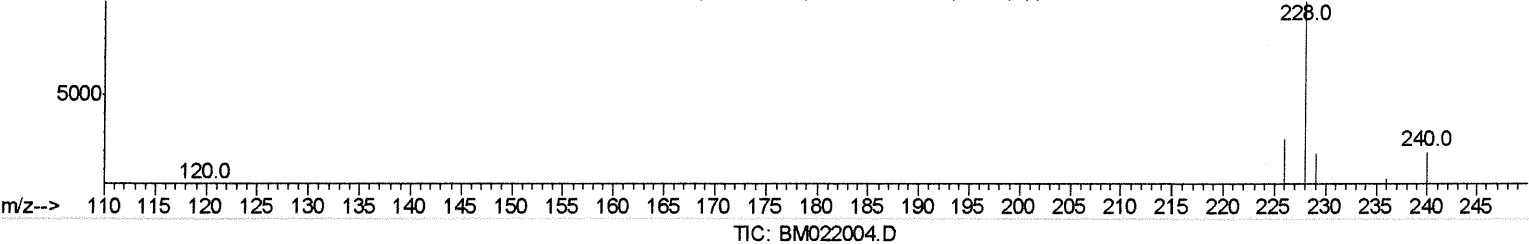
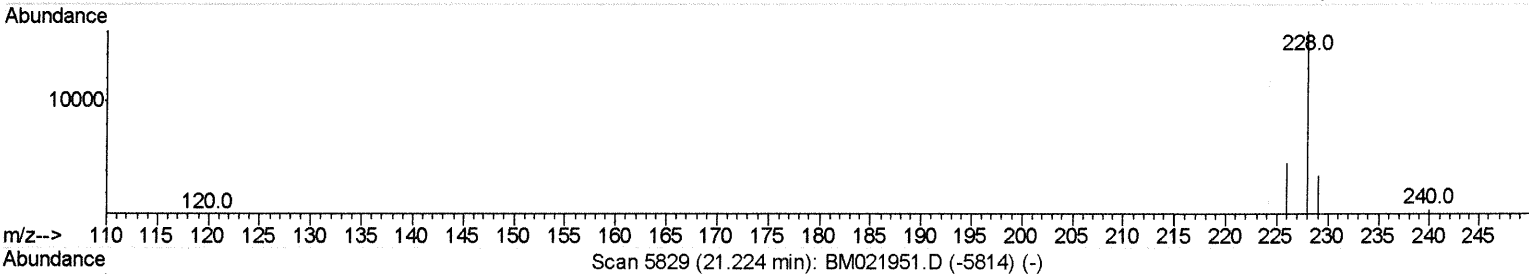
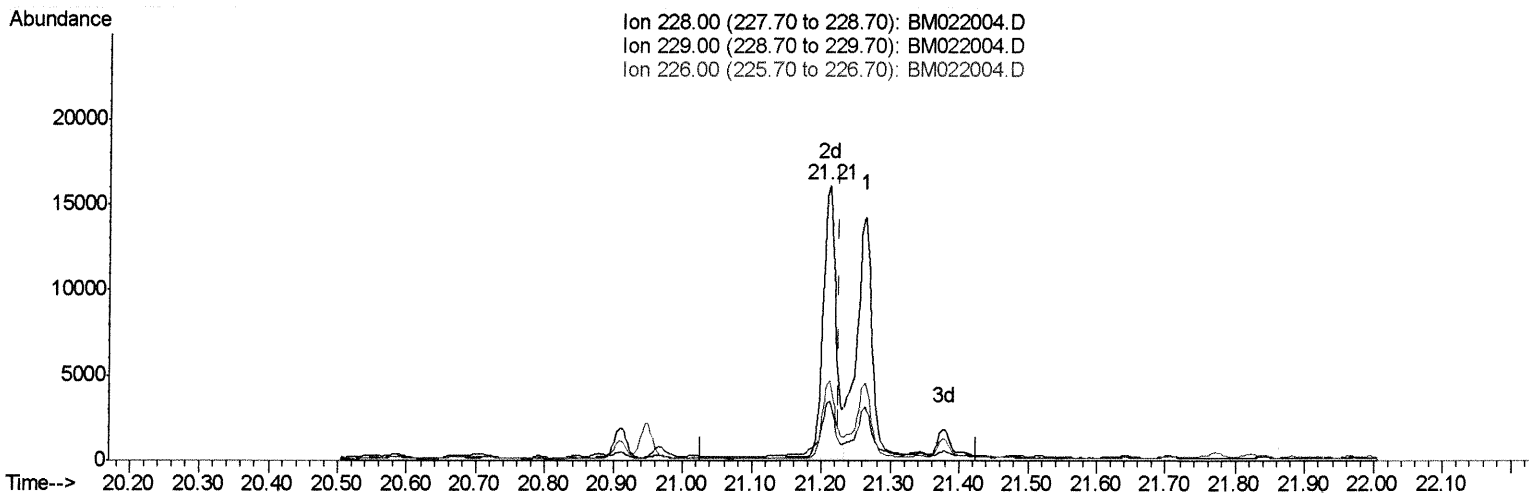
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BENX2

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:21:24 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.210min (-0.017) 1.44ng/ul m *JU 08/12/19*

response 20674

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.66
226.00	28.30	28.89
0.00	0.00	0.00

Quantitation Report (Qedit)

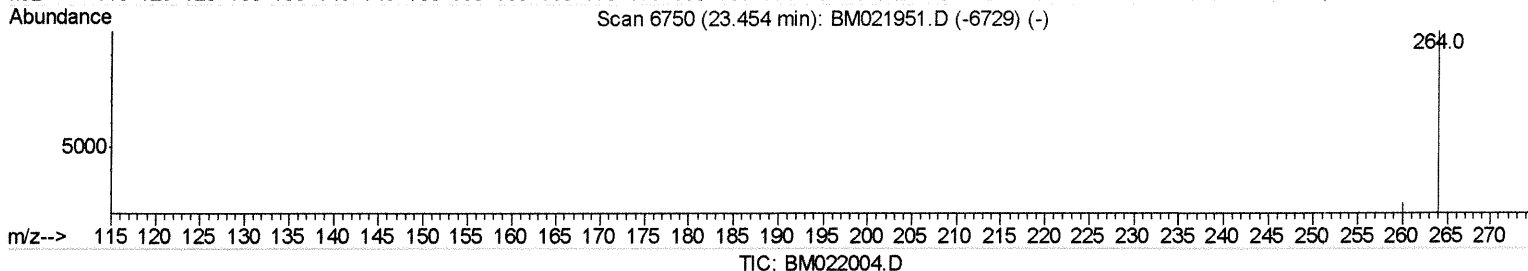
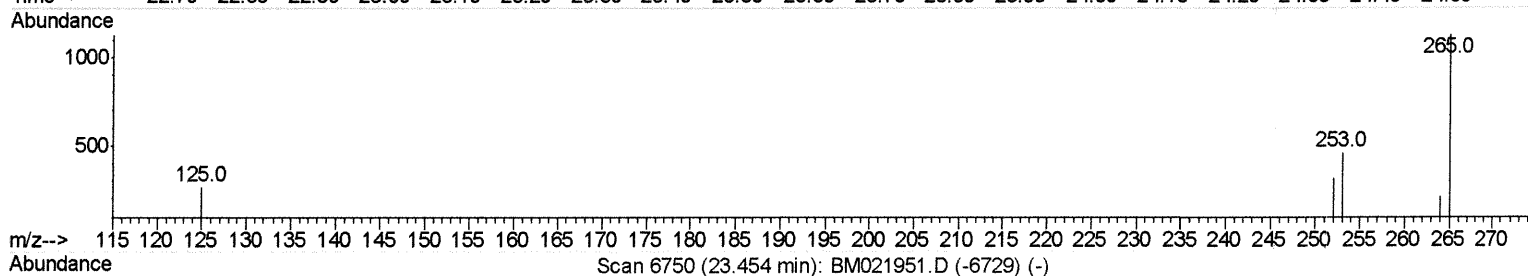
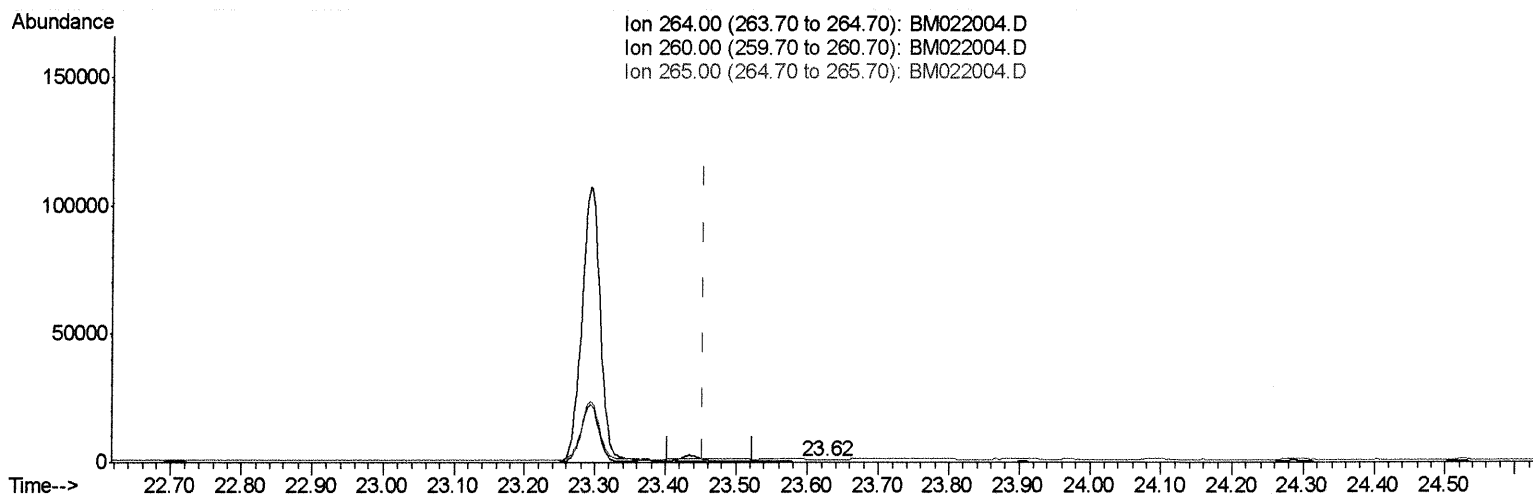
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:21:24 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.624min (+0.170) 0.40ng/ul

response 5

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	46.41#
265.00	117.00	538.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

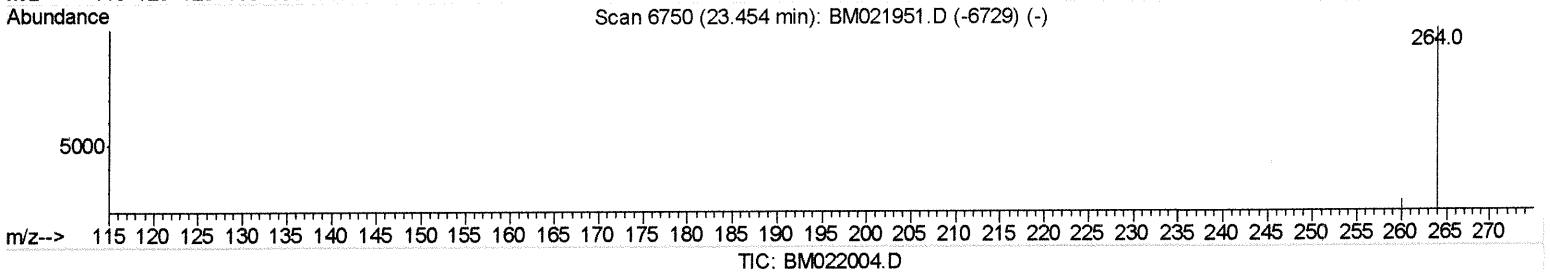
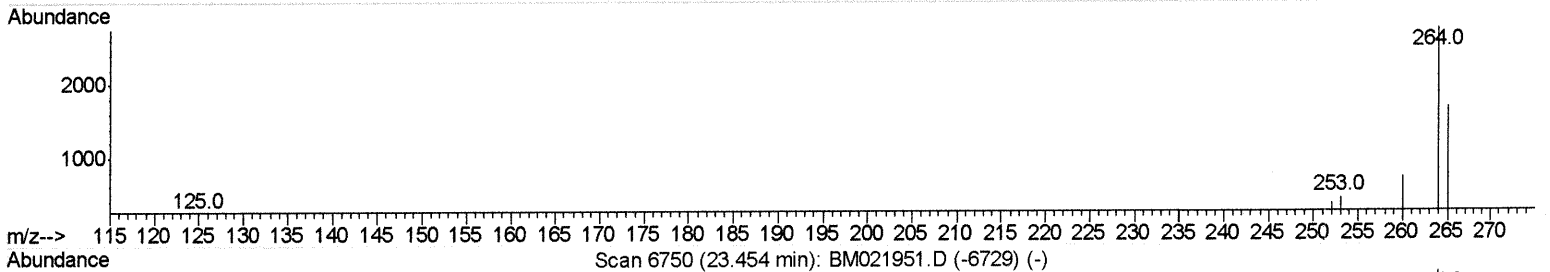
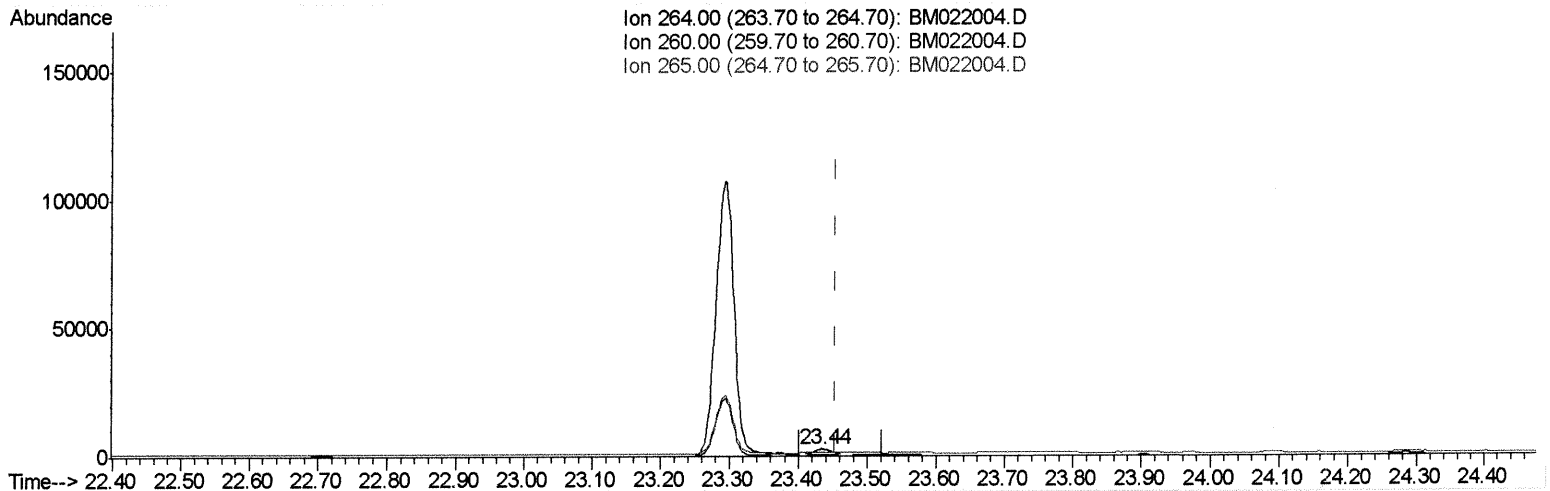
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:21:24 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.435min (-0.019) 0.40ng/ul m *JU* 08/12/19

response 3981

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.41
265.00	117.00	61.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

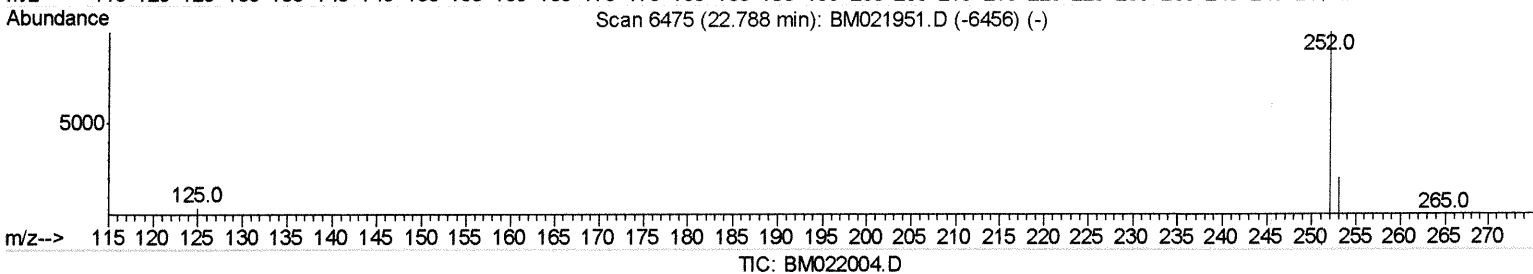
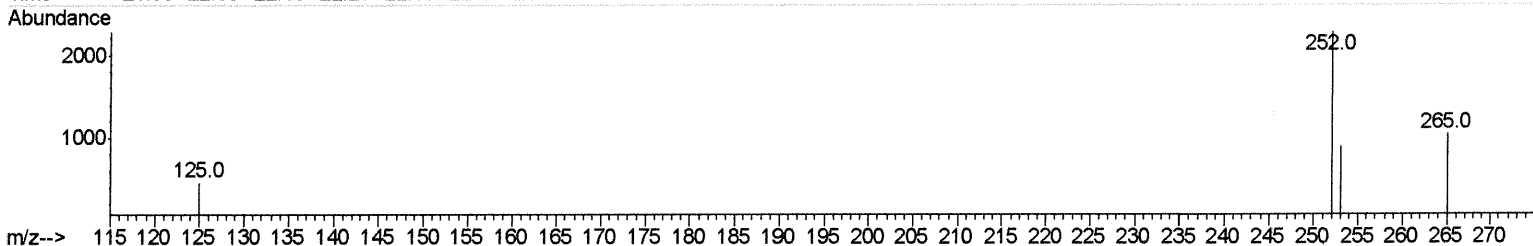
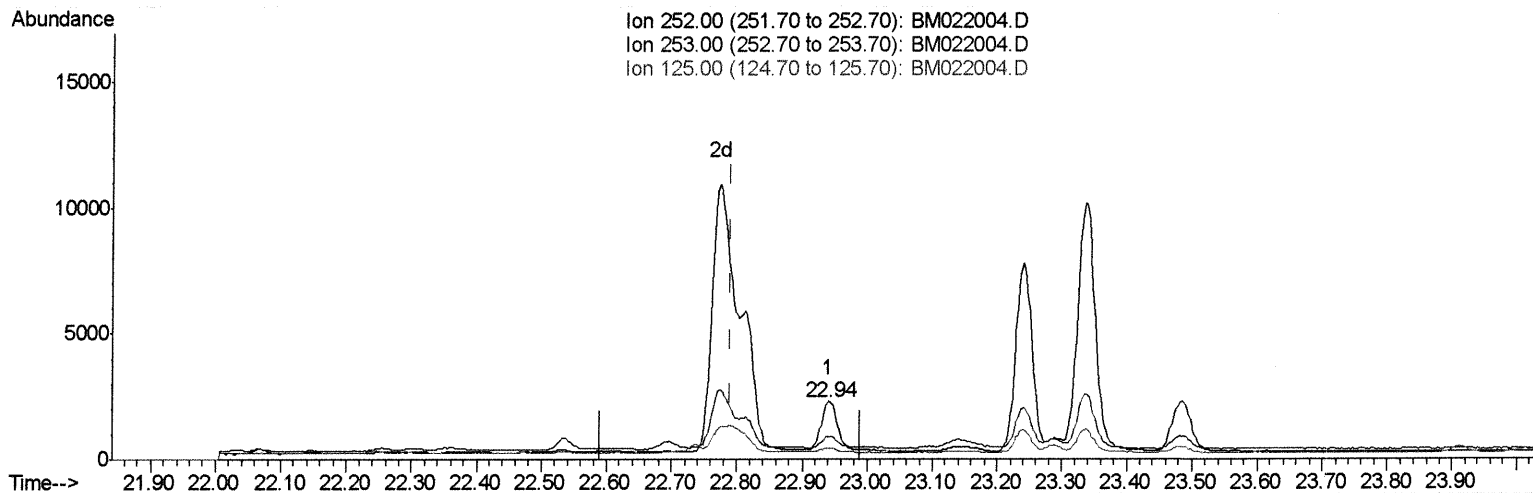
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.941min (+0.150) 0.27ng/ul

response 3639

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	39.13
125.00	15.50	20.42
0.00	0.00	0.00

Quantitation Report (Qedit)

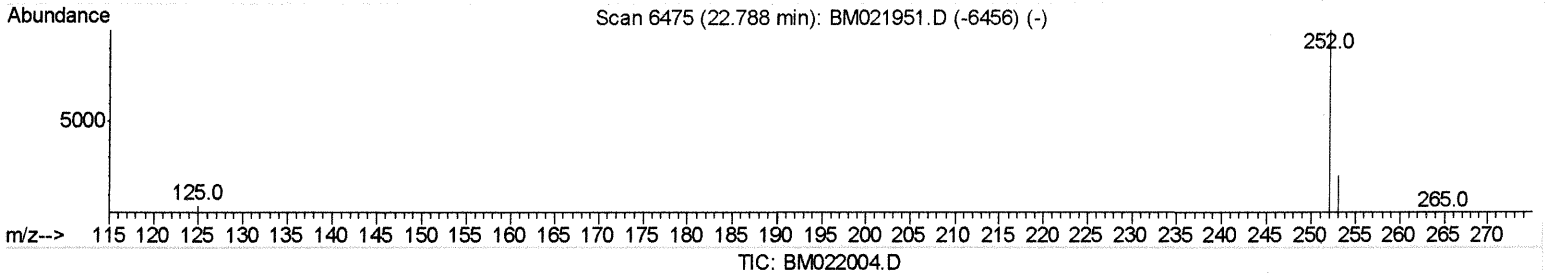
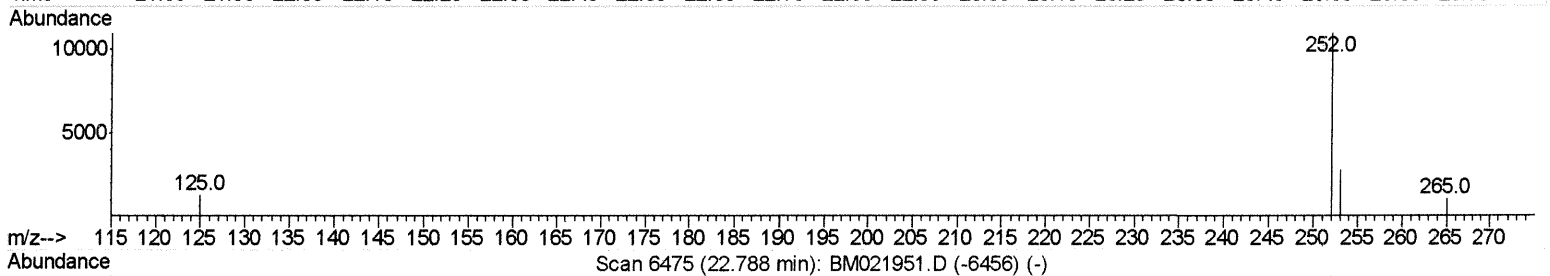
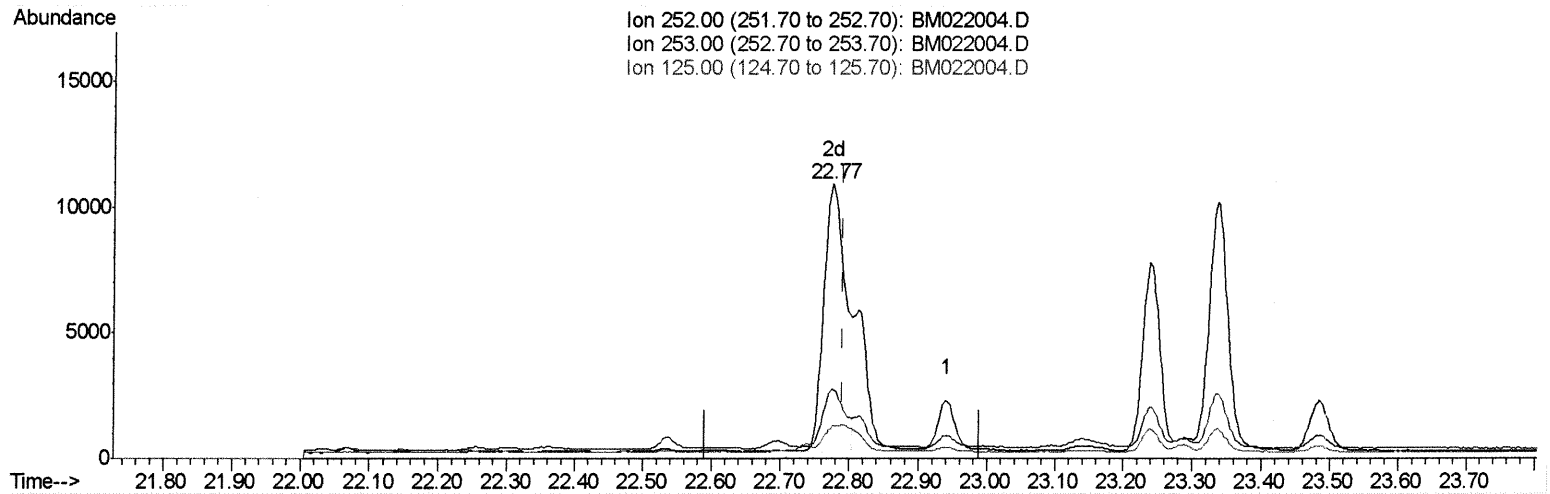
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.774min (-0.017) 1.75ng/ul m *JU 08/12/19*

response 23529

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.34
125.00	15.50	11.65
0.00	0.00	0.00

Quantitation Report (Qedit)

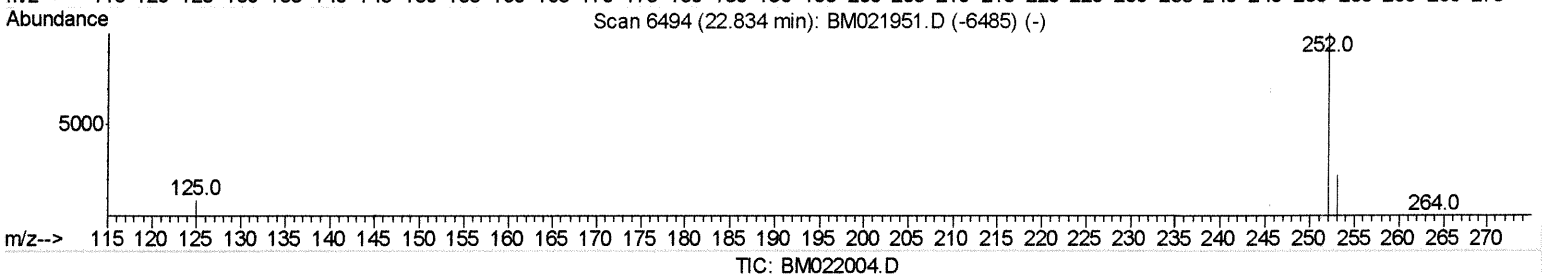
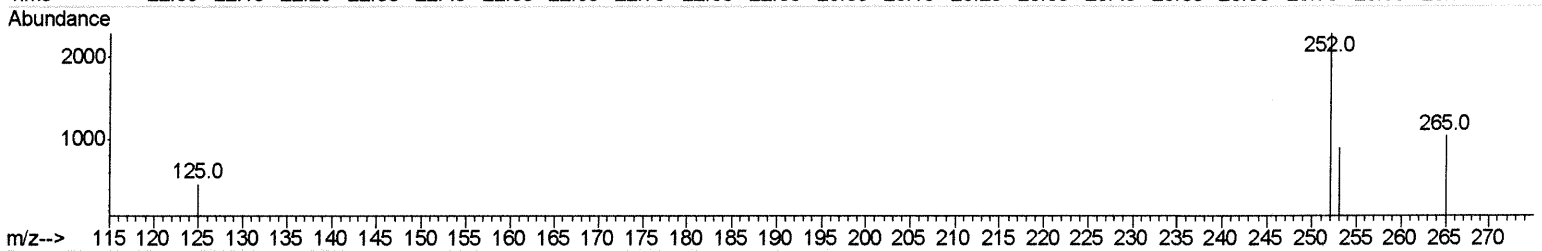
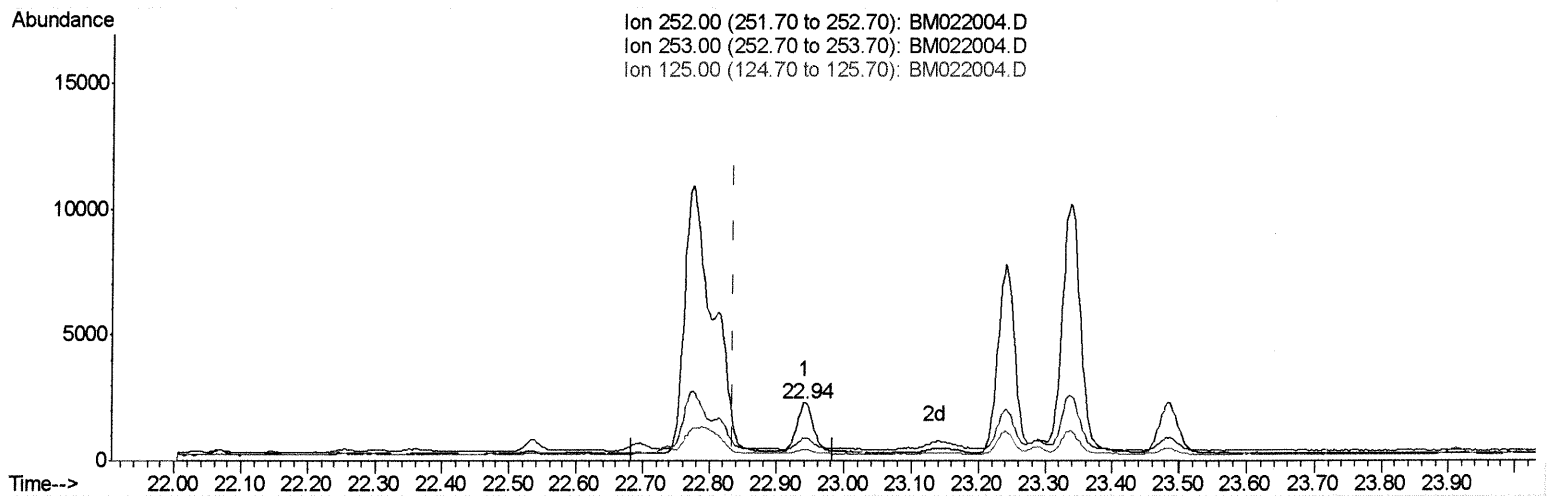
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022004.D
Acq On : 10 Aug 2019 19:31
Operator : HP/JU
Sample : K4041-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.941min (+0.107) 0.24ng/ul

response 3639

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	39.13
125.00	15.20	20.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

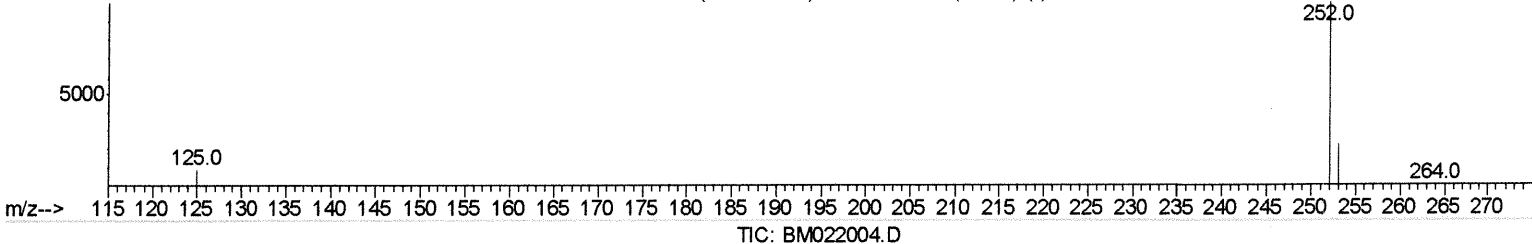
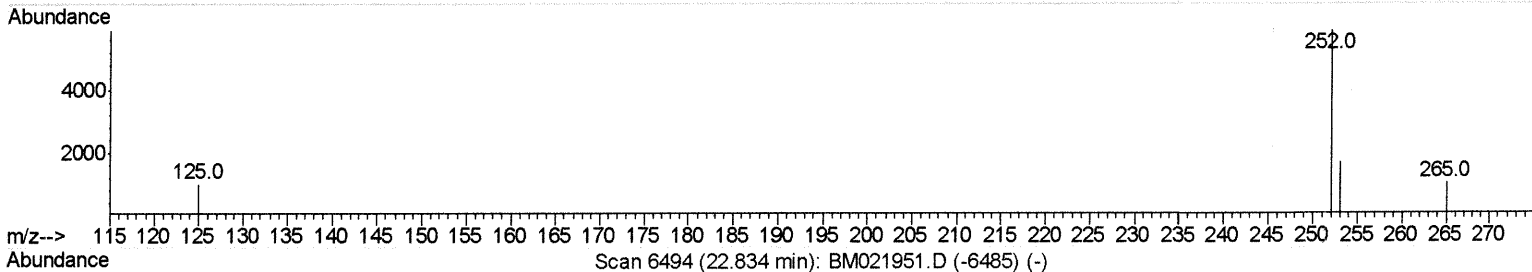
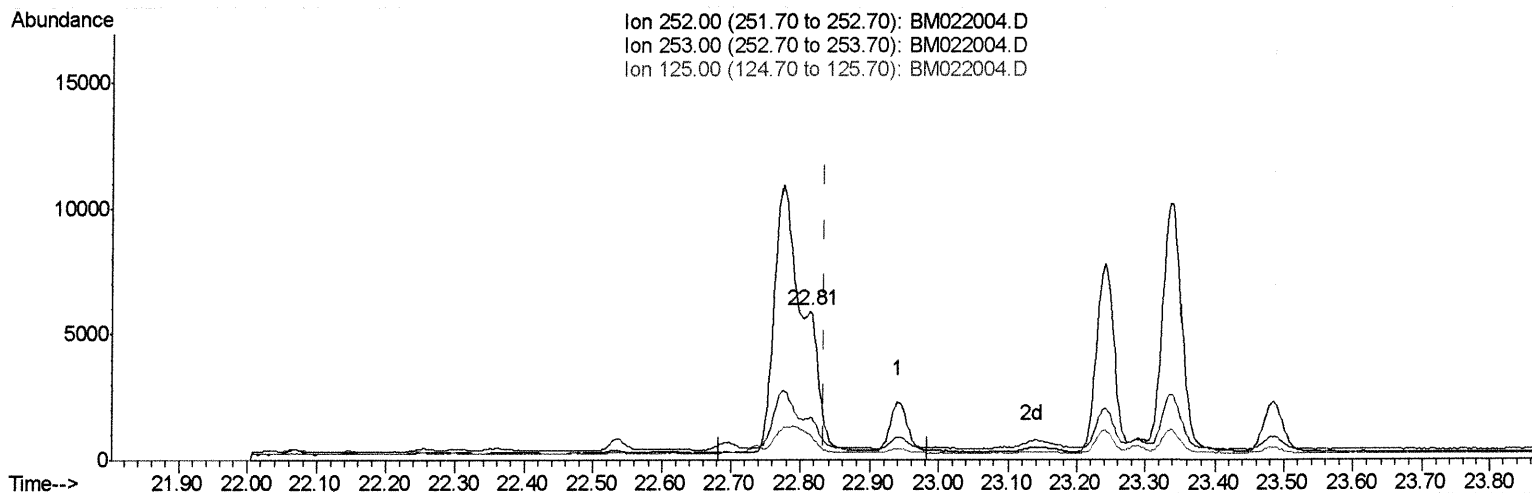
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.813min (-0.022) 0.55ng/ul m *JU 8/12/19*

response 8423

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.66
125.00	15.20	17.30
0.00	0.00	0.00

Quantitation Report (Qedit)

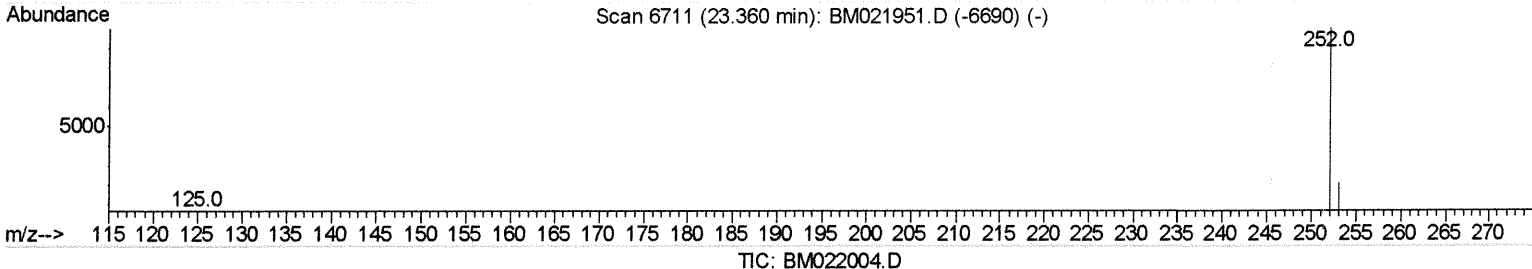
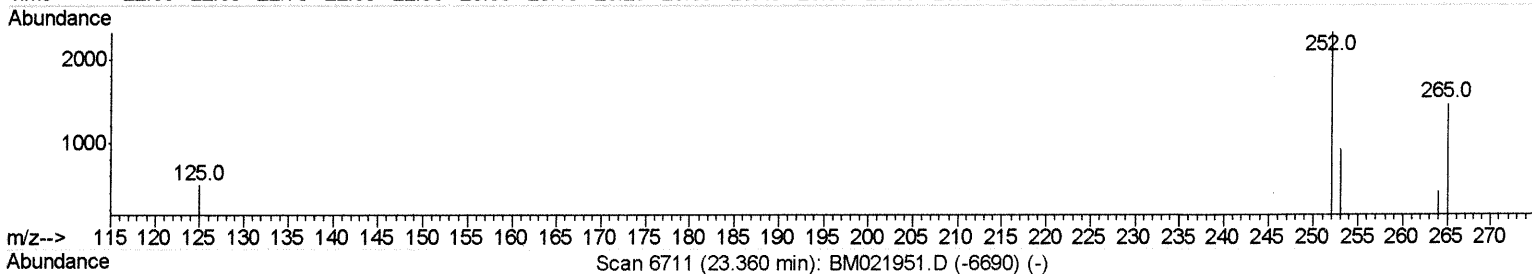
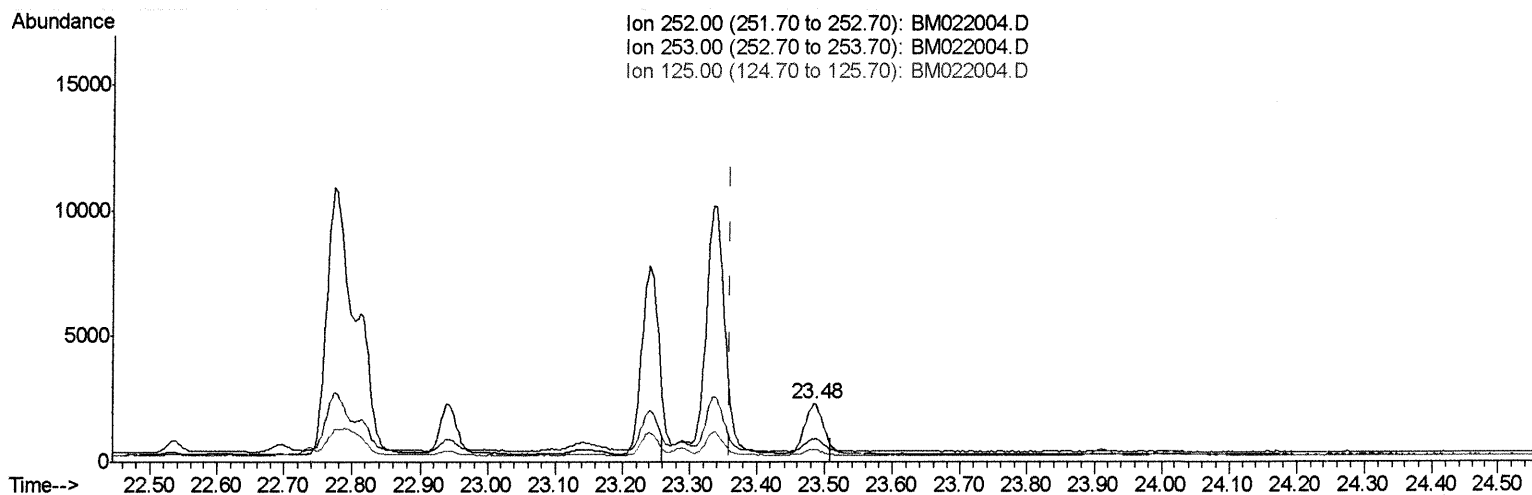
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.484min (+0.123) 0.29ng/ul

response 3949

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	39.24
125.00	18.20	21.31
0.00	0.00	0.00

Quantitation Report (Qedit)

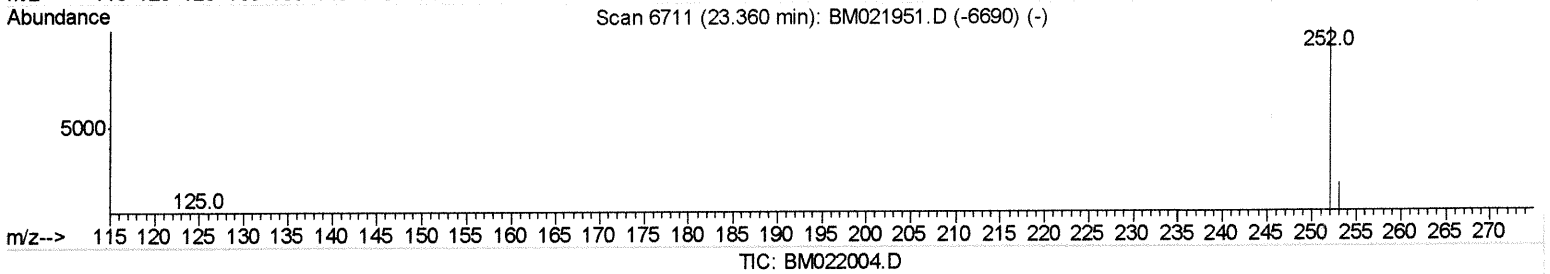
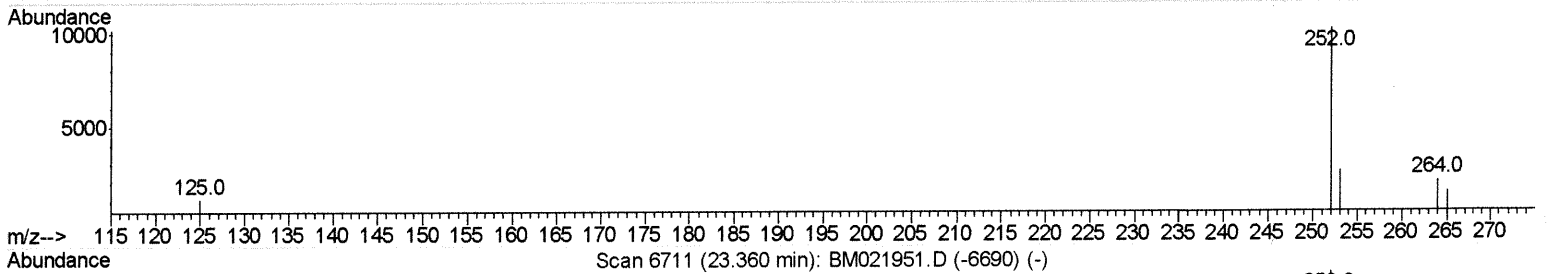
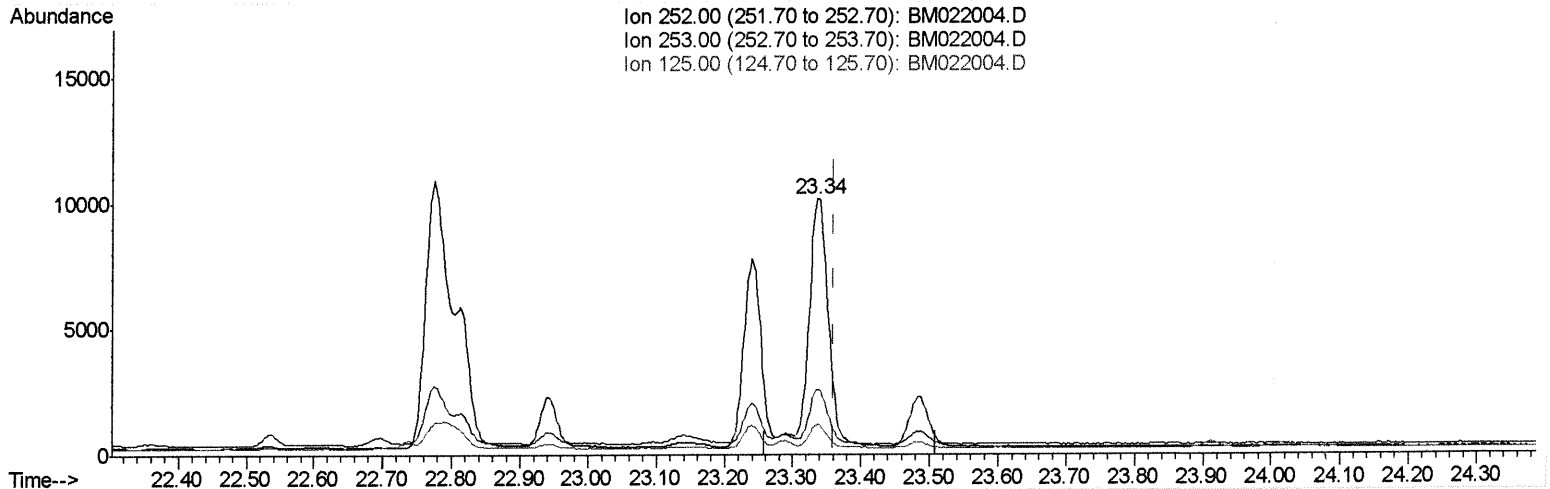
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.336min (-0.024) 1.38ng/ul m *JU 08/12/19*

response 18828

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.38#
125.00	18.20	11.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

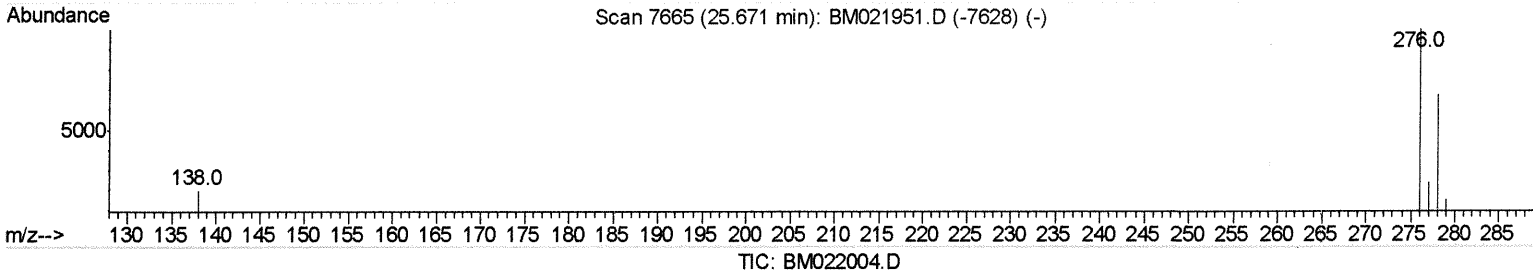
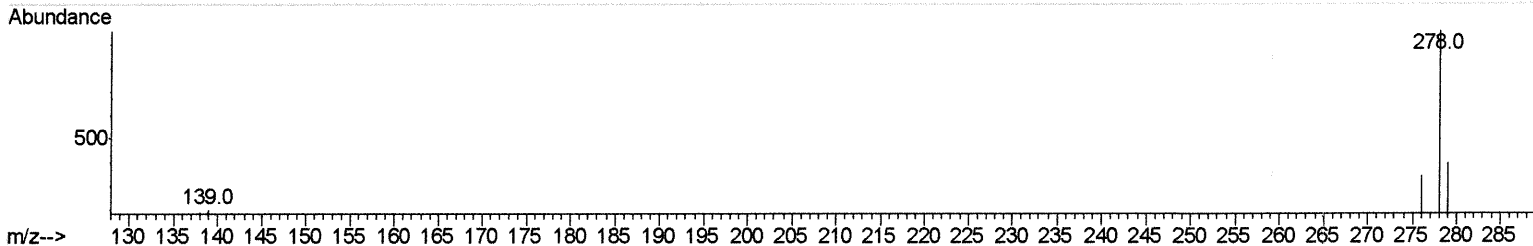
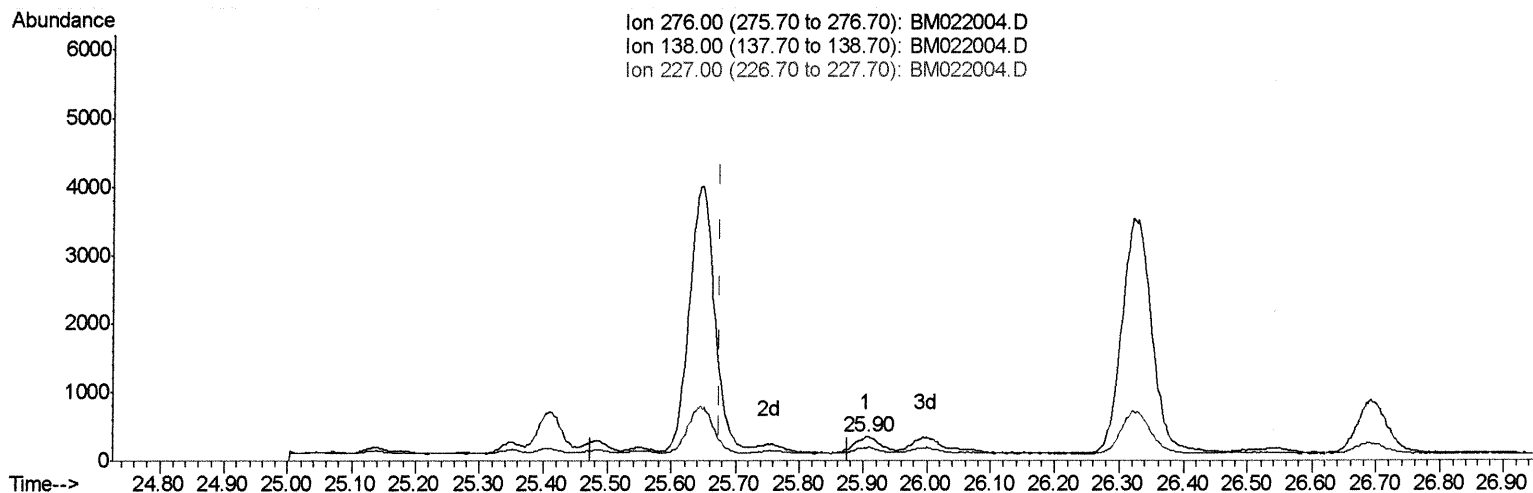
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

25.904min (+0.228) 0.04ng/ul

response 662

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	46.53#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

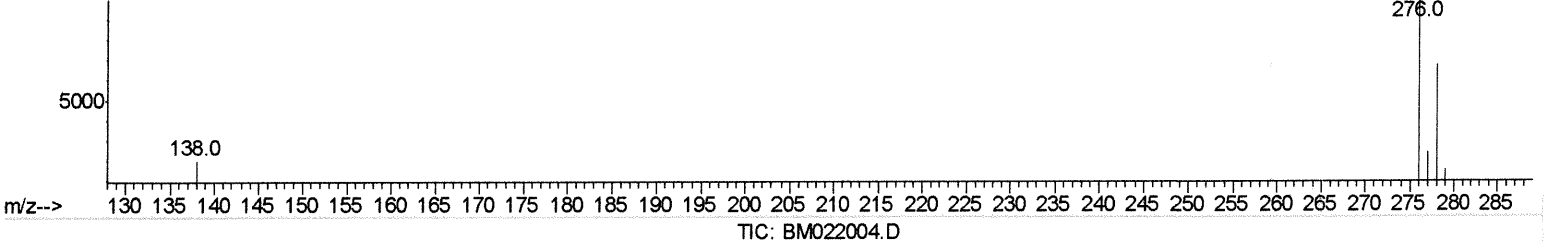
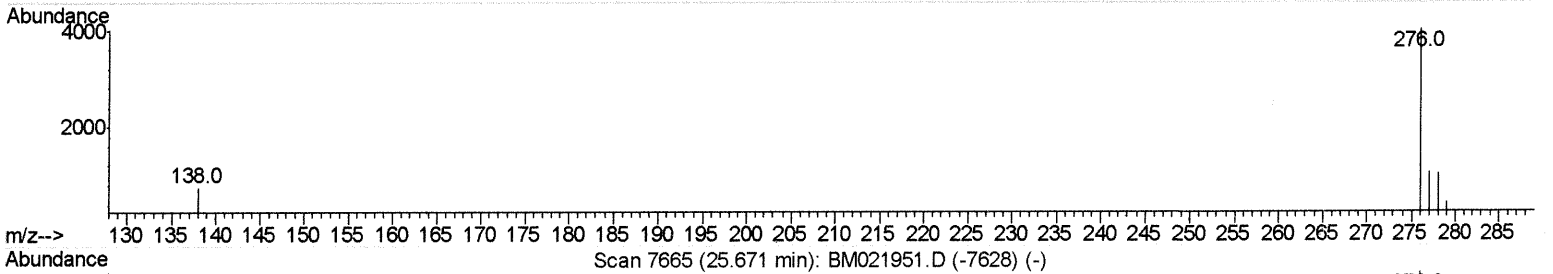
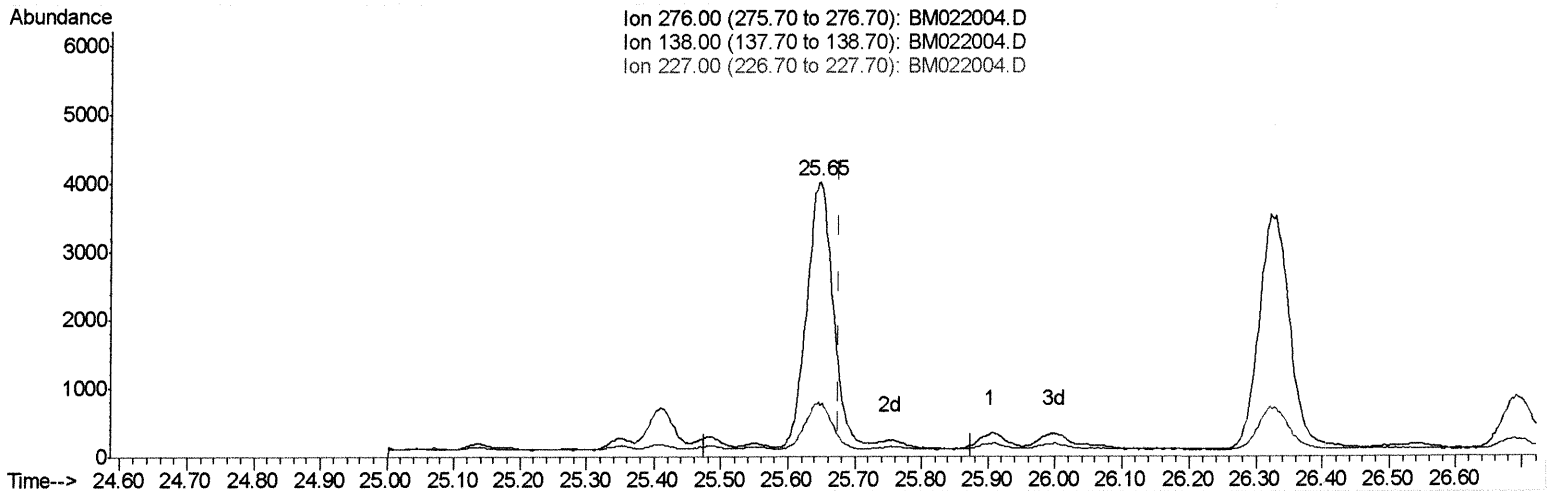
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene *JU*
 25.647min (-0.029) 0.66ng/ul m *08/12/19*

response 10774

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.86#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

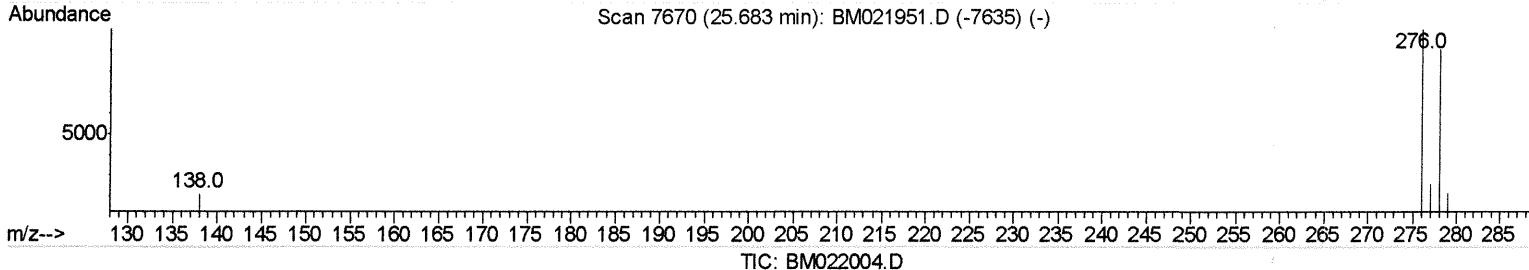
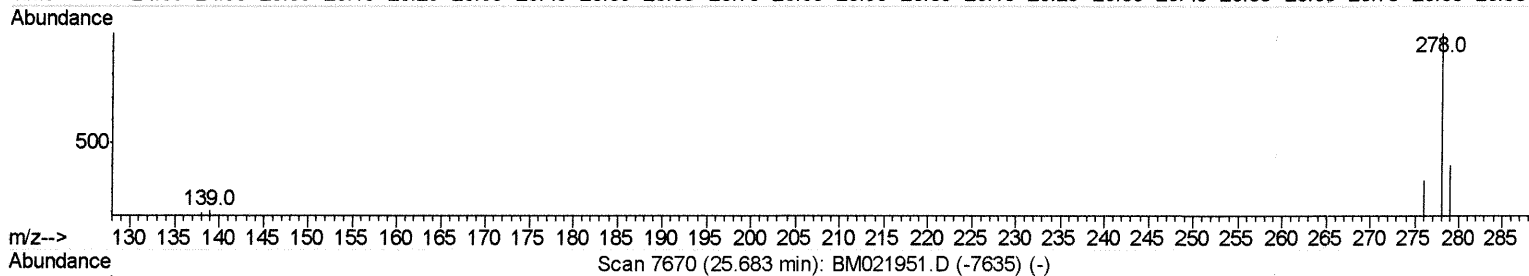
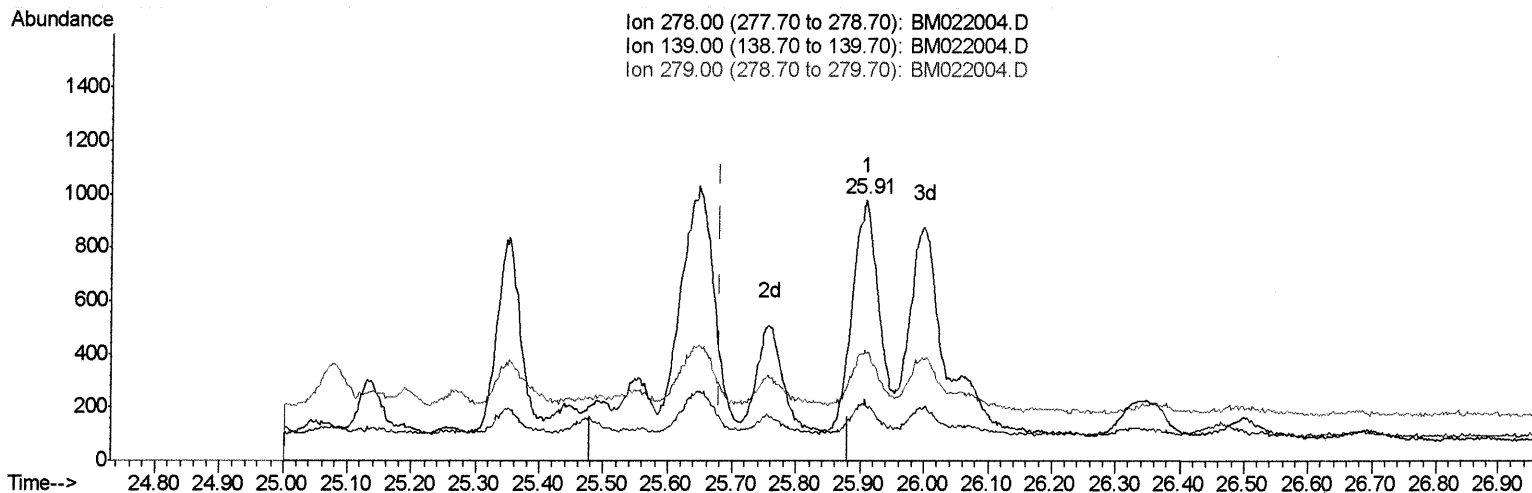
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.909min (+0.228) 0.19ng/ul

response 2532

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	21.10
279.00	35.40	41.18
0.00	0.00	0.00

Quantitation Report (Qedit)

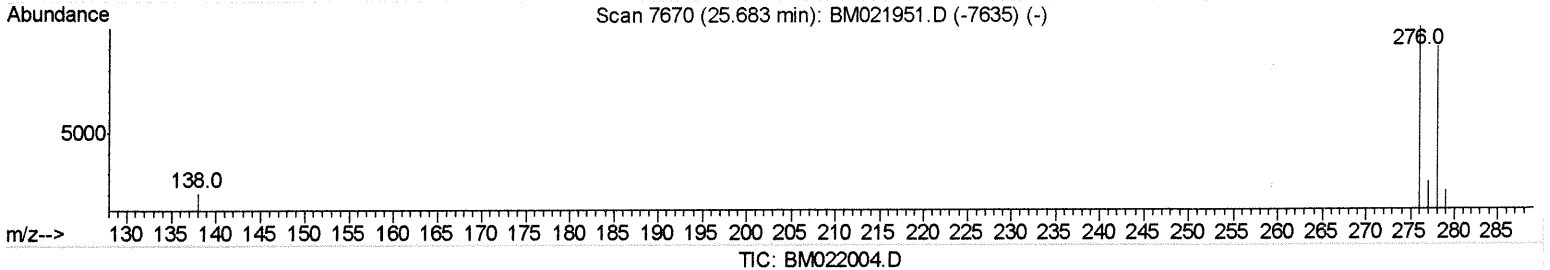
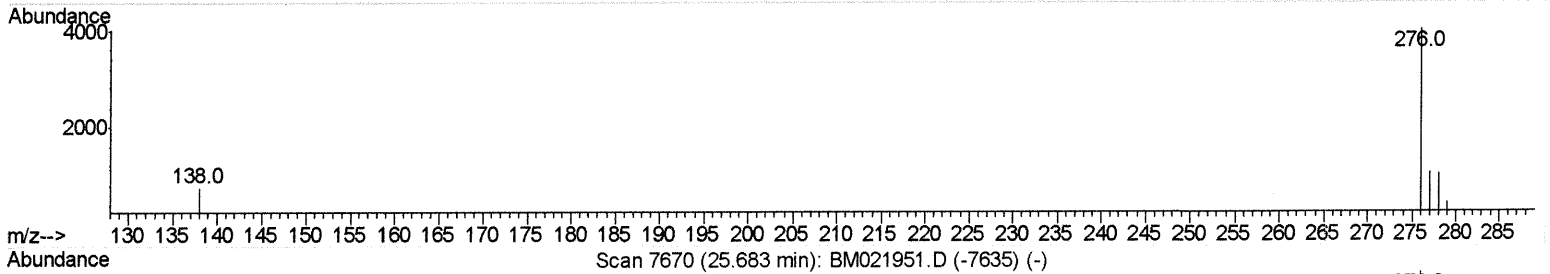
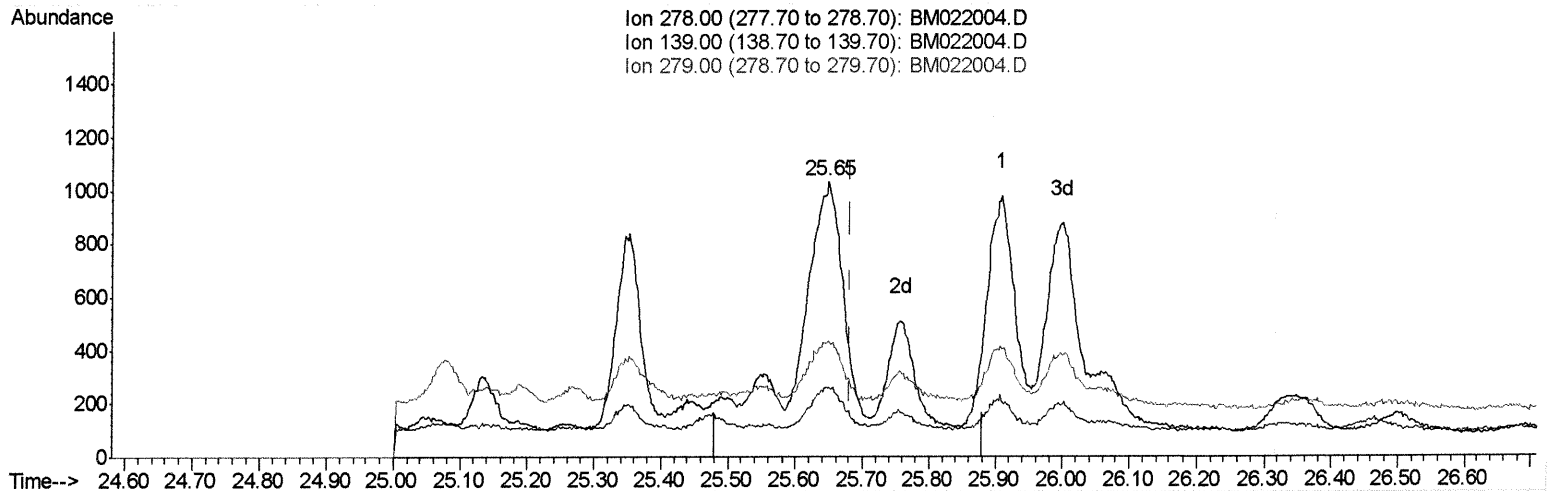
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.647min (-0.034) 0.25ng/ul m *JU 08/12/19*

response 3235

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	25.02#
279.00	35.40	42.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

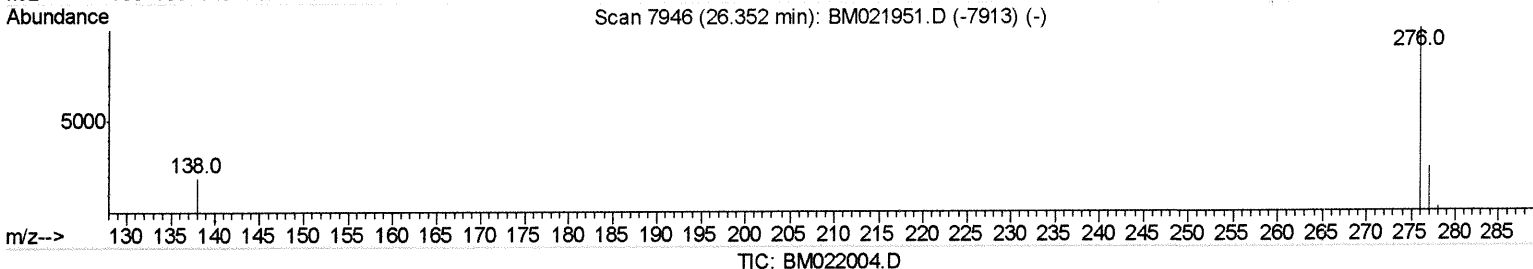
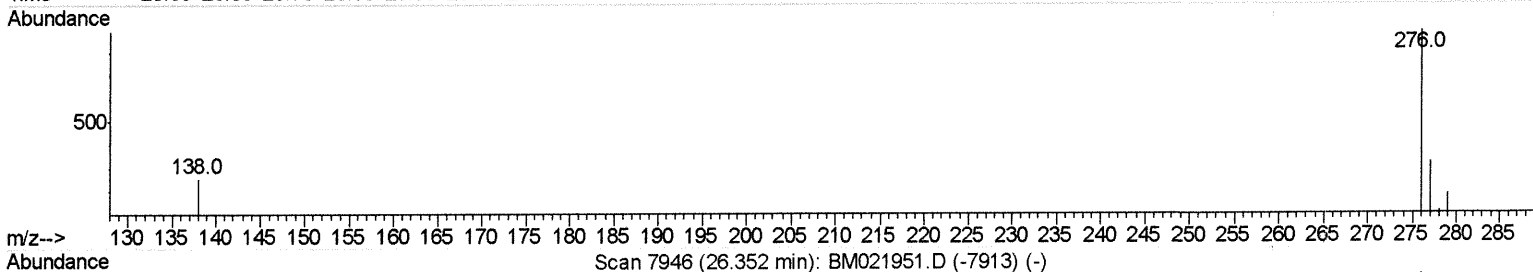
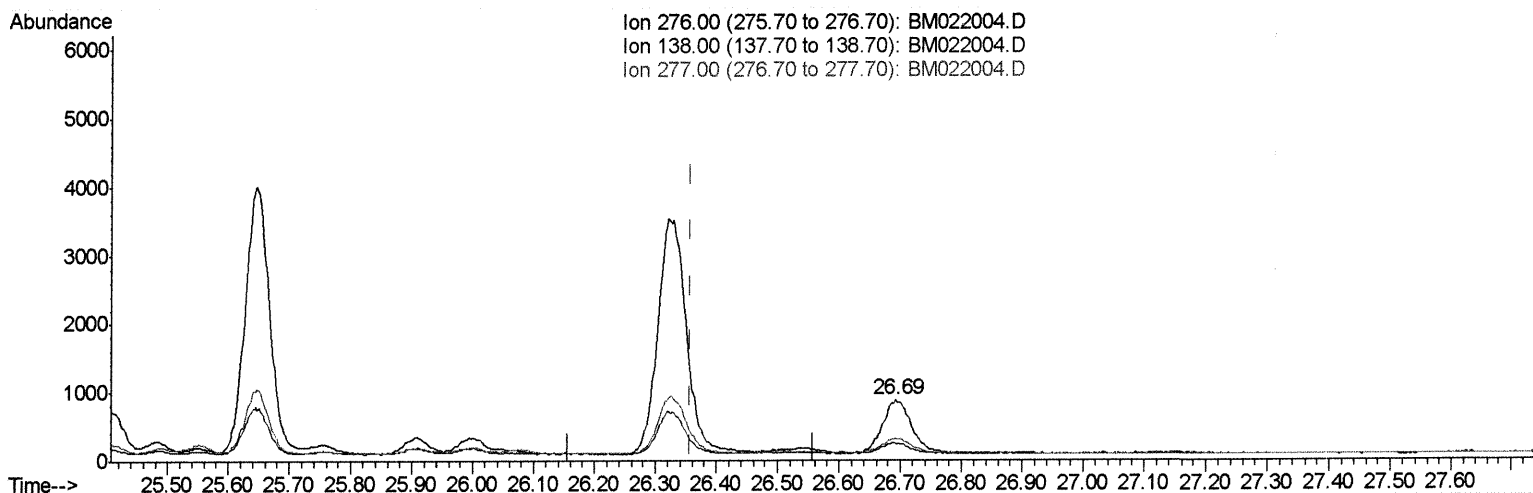
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

26.692min (+0.334) 0.16ng/ul

response 2390

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	28.68#
277.00	26.80	36.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

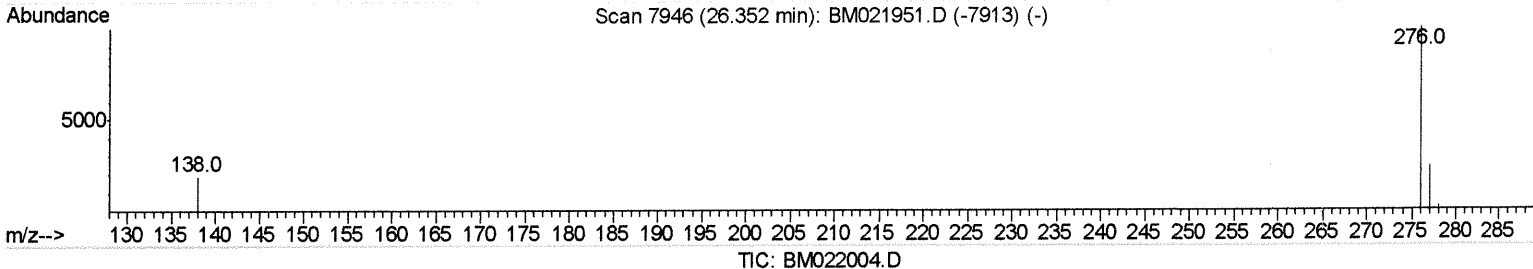
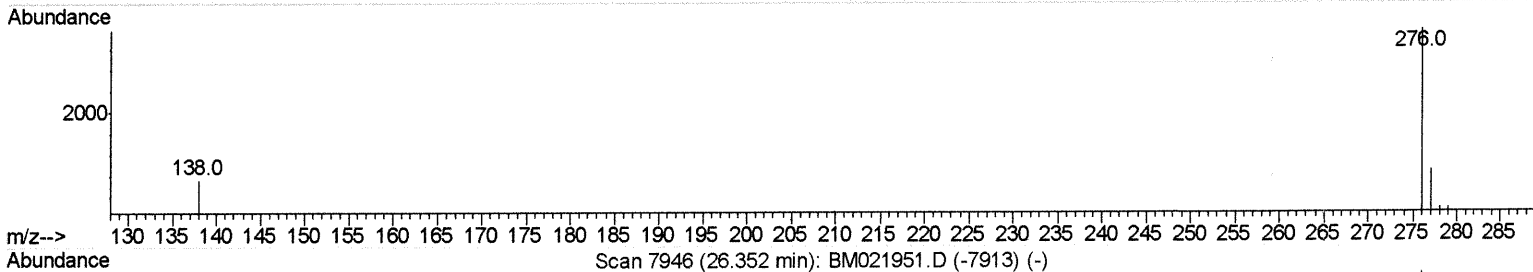
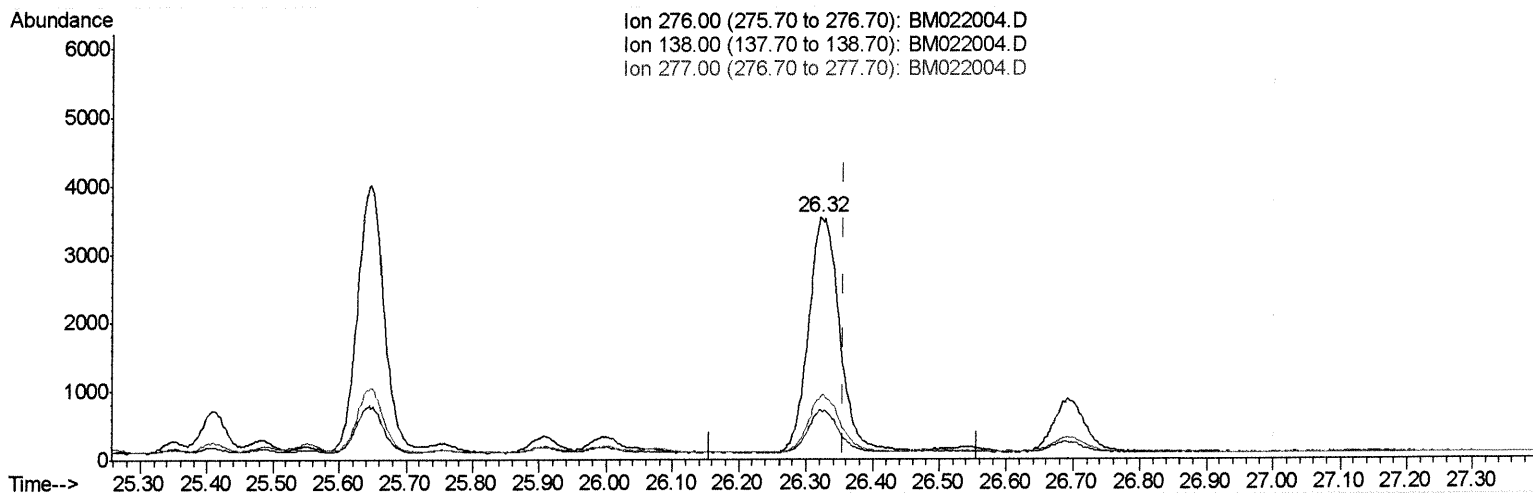
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

26.321min (-0.036) 0.75ng/ul m *JU 08/12/19*

response 11018

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.83
277.00	26.80	25.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022004.D
 Acq On : 10 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:30 AM

Quant Time: Aug 11 02:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	850	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3476	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1793	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4162m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4023m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	3981m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	918	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	2630m	0.19	ng/ul	-0.02
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	304	0.031	ng/ul#	59
5) 2-Methylnaphthalene	12.08	142	164	0.025	ng/ul	97
7) Acenaphthylene	13.99	152	754	0.090	ng/ul#	76
8) Acenaphthene	14.33	153	568	0.083	ng/ul	96
9) Fluorene	15.32	166	565	0.074	ng/ul#	95
12) Phenanthrene	17.06	178	12453m	1.028	ng/ul	99
13) Anthracene	17.15	178	3574m	0.346	ng/ul	98
15) Fluoranthene	19.09	202	28389m	1.750	ng/ul	98
17) Pyrene	19.45	202	35697	2.159	ng/ul	99
18) Benzo(a)anthracene	21.21	228	20674m	1.437	ng/ul	98
19) Chrysene	21.26	228	21947	1.186	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	23529m	1.753	ng/ul	99
22) Benzo(k)fluoranthene	22.81	252	8423m	0.554	ng/ul	98
23) Benzo(a)pyrene	23.34	252	18828m	1.379	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.65	276	10774m	0.661	ng/ul	99
25) Dibenzo(a,h)anthracene	25.65	278	3235m	0.246	ng/ul	98
26) Benzo(a,h,i)perylene	26.32	276	11018m	0.751	ng/ul	99

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