

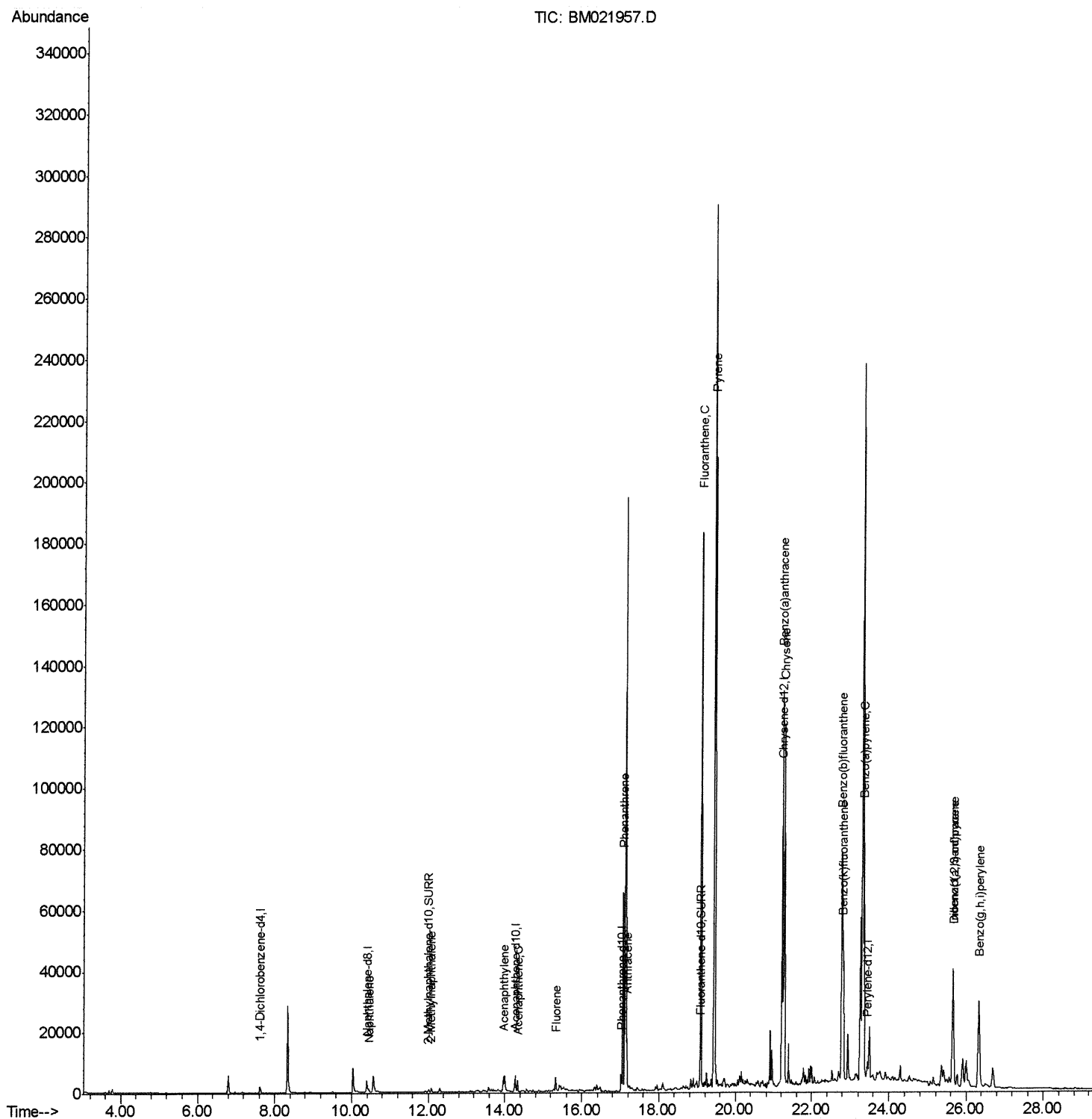
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:35:06 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)

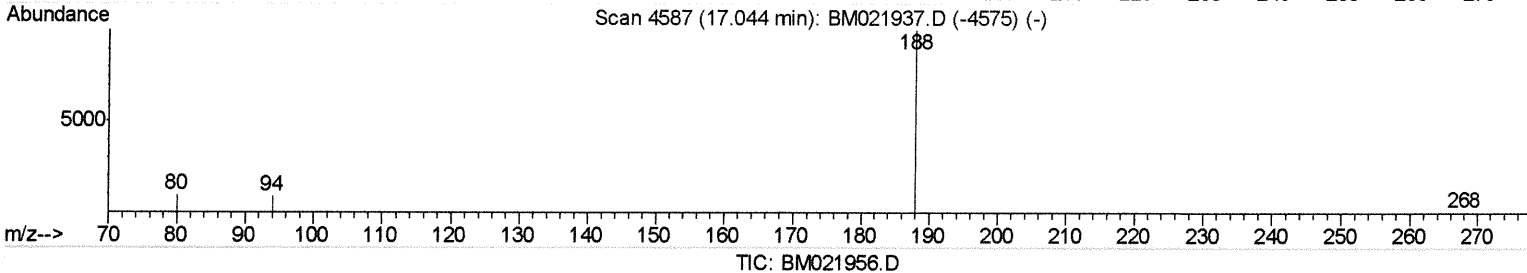
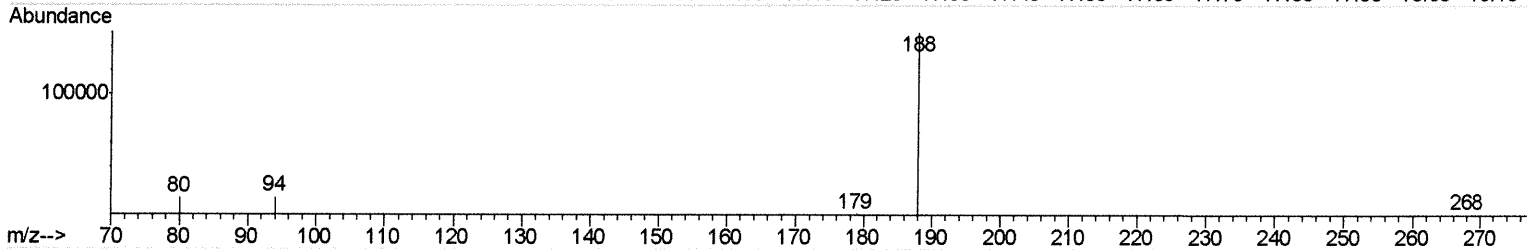
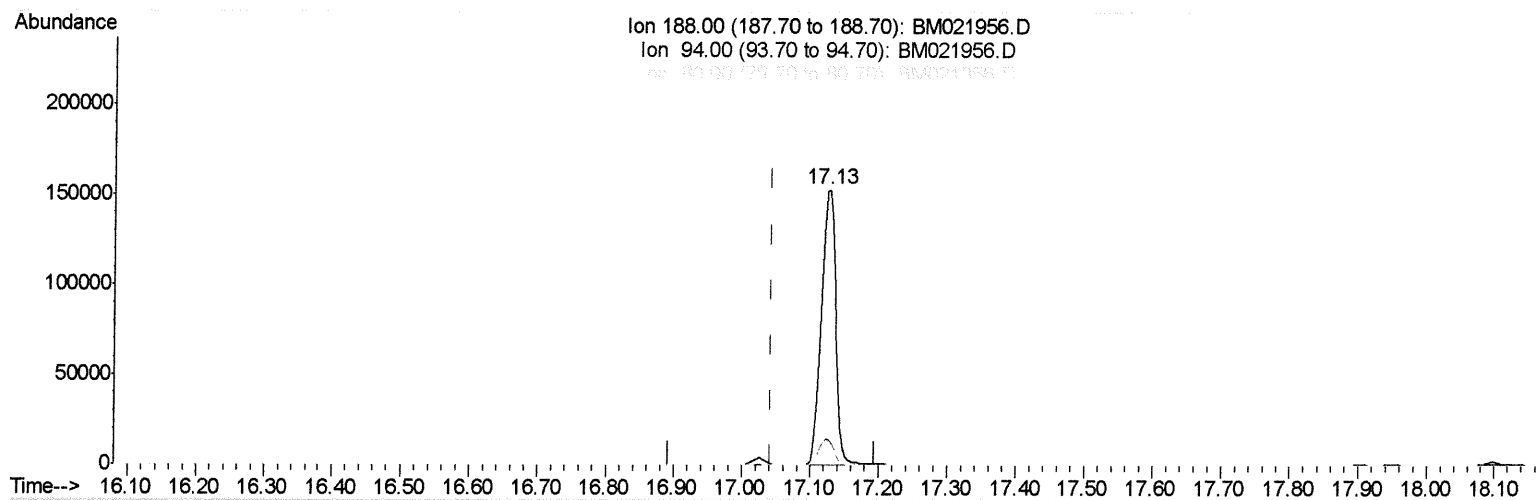
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:52:11 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



(10) Phenanthrene-d10 (I)
17.126min (+0.082) 0.40ng/ul

response 217739

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.23
80.00	11.40	8.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

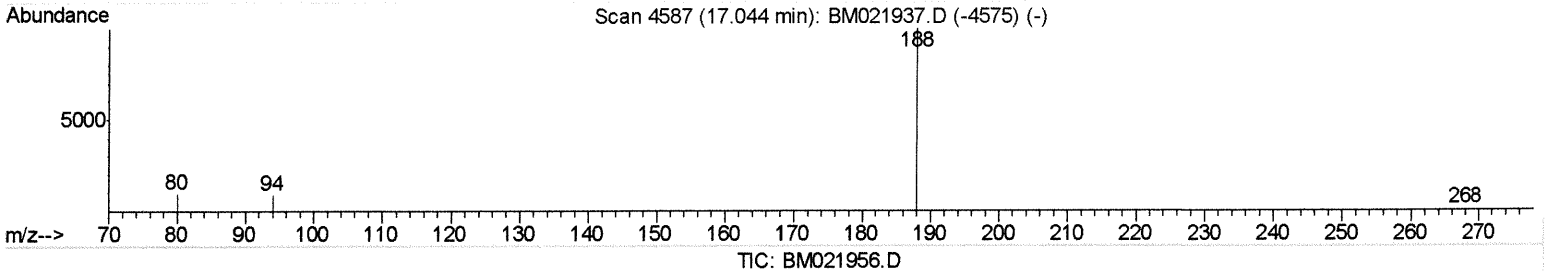
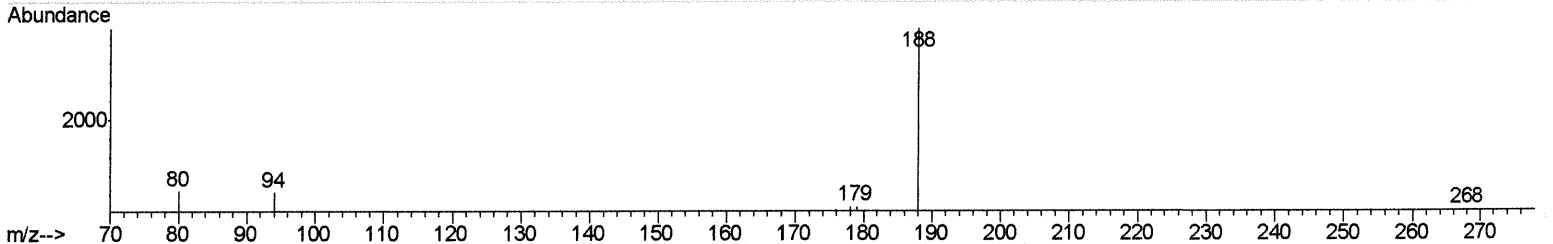
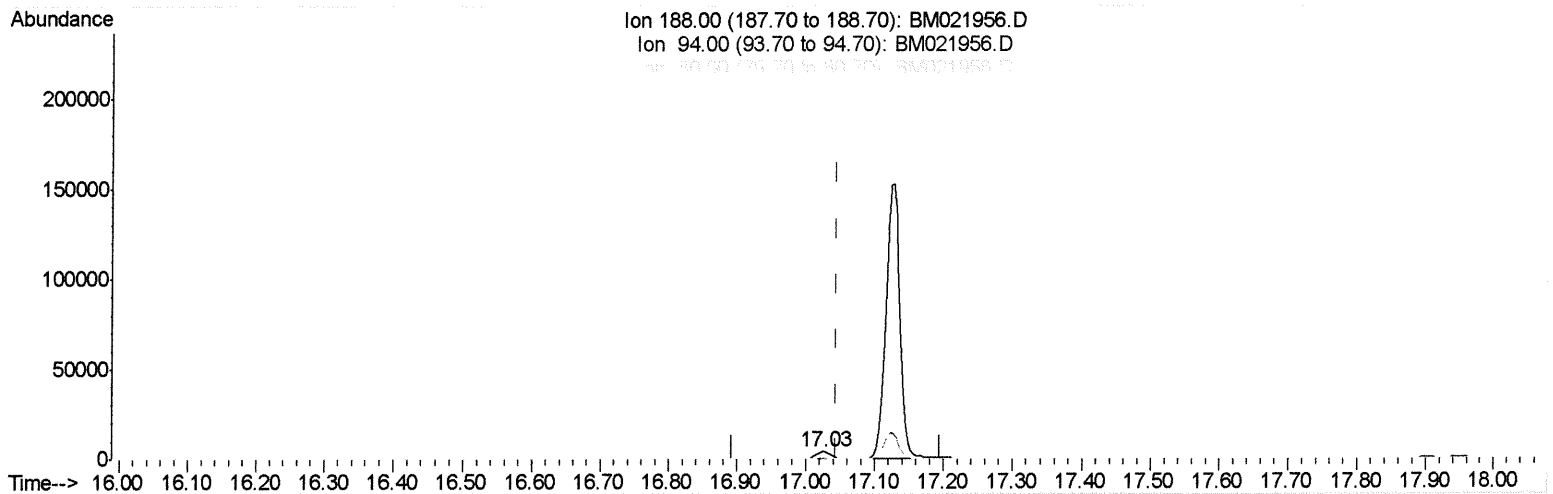
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:52:11 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



(10) Phenanthrene-d10 (I)

17.025min (-0.019) 0.40ng/ul m

JU
 08/09/19

response 5599

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.23
80.00	11.40	11.84
0.00	0.00	0.00

Quantitation Report (Qedit)

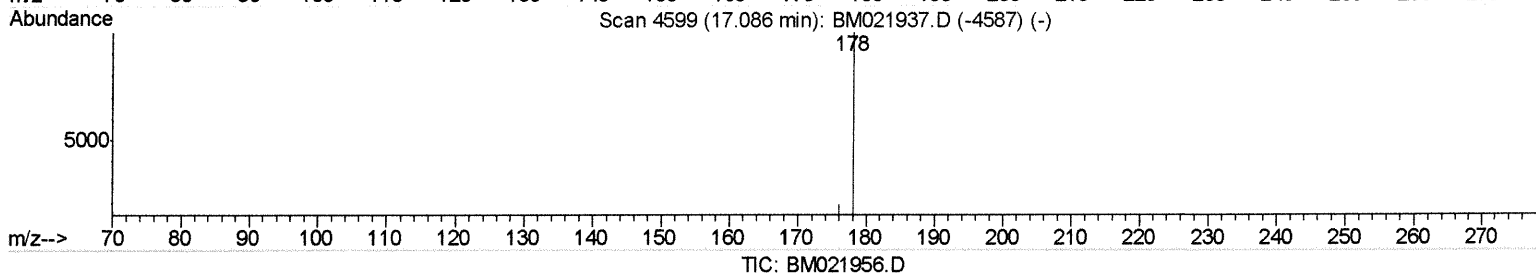
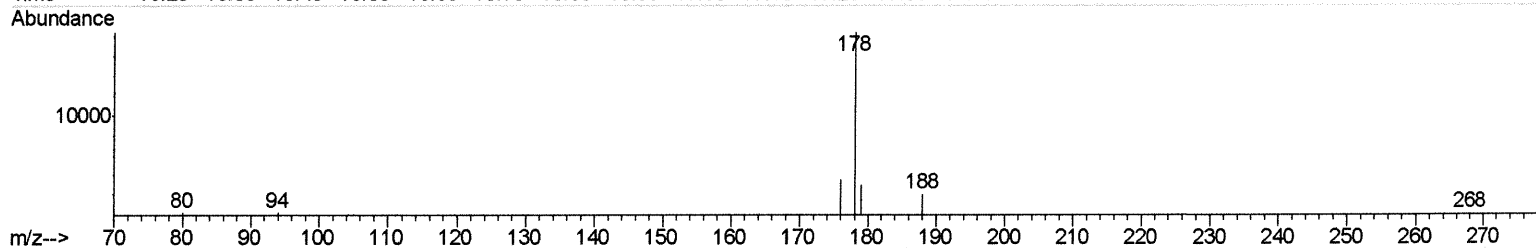
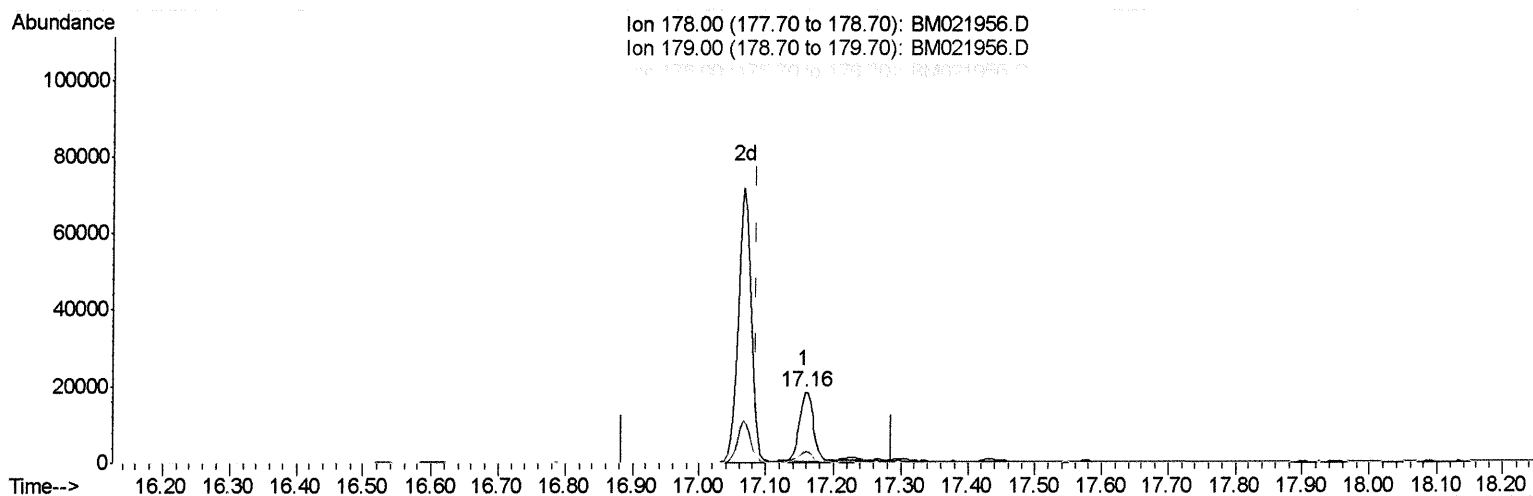
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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

17.157min (+0.071) 1.67ng/ul

response 27150

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.42
176.00	21.00	19.26
0.00	0.00	0.00

Quantitation Report (Qedit)

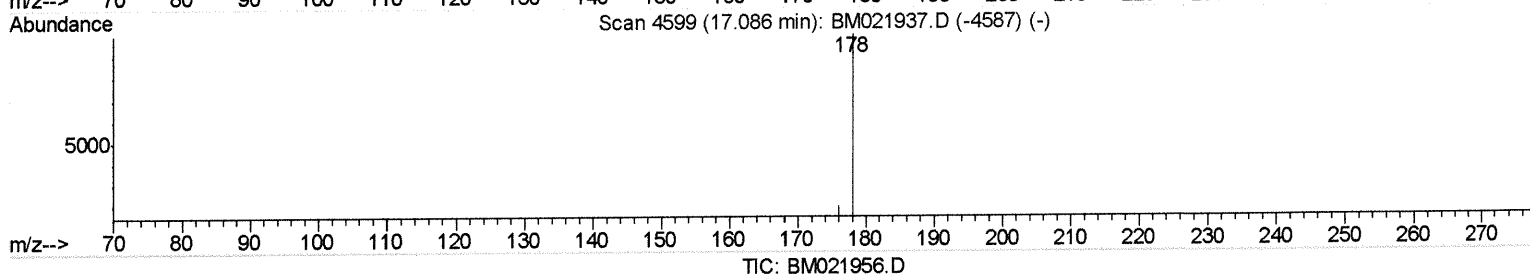
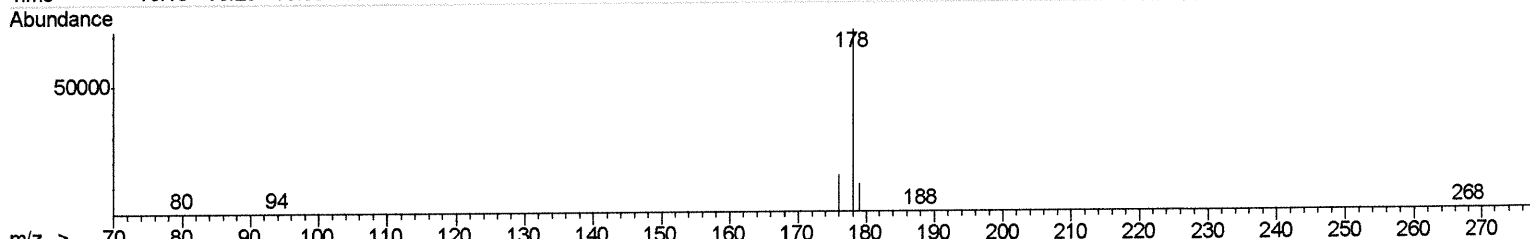
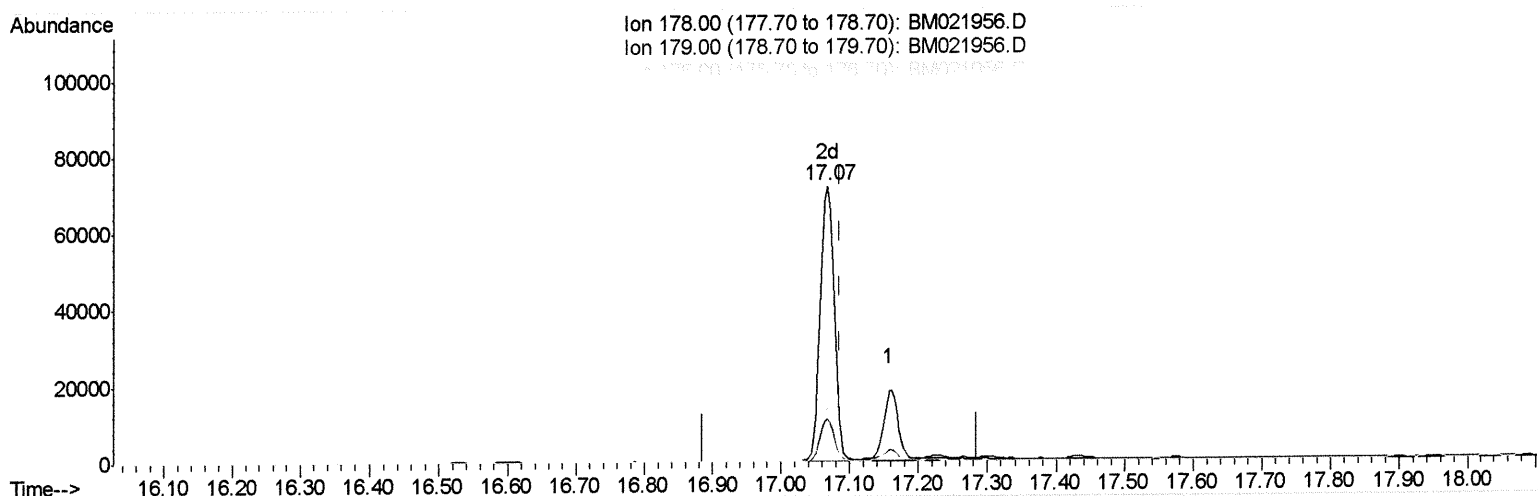
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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) 6.06ng/ul m

JU
08/09/19

response 98783

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.41
176.00	21.00	19.69
0.00	0.00	0.00

Quantitation Report (Qedit)

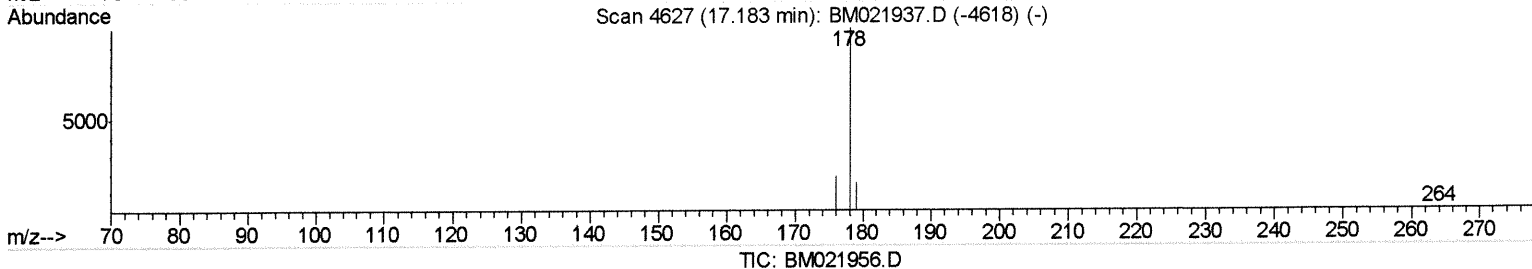
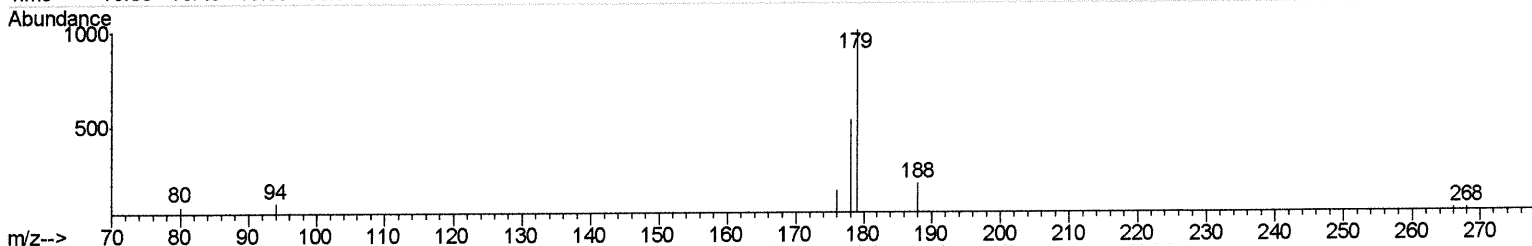
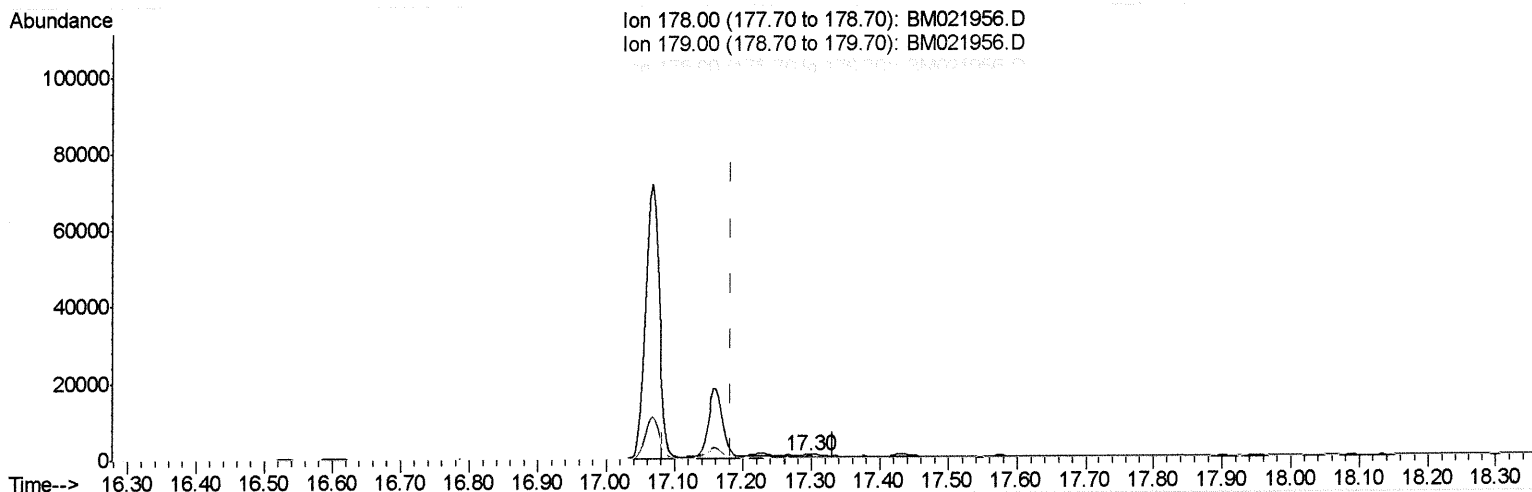
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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

17.296min (+0.113) 0.05ng/ul

response 761

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	187.31#
176.00	20.80	30.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

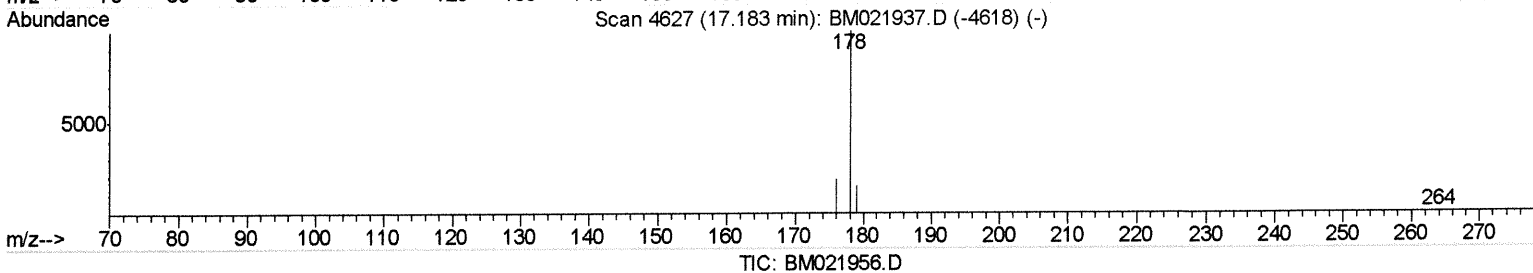
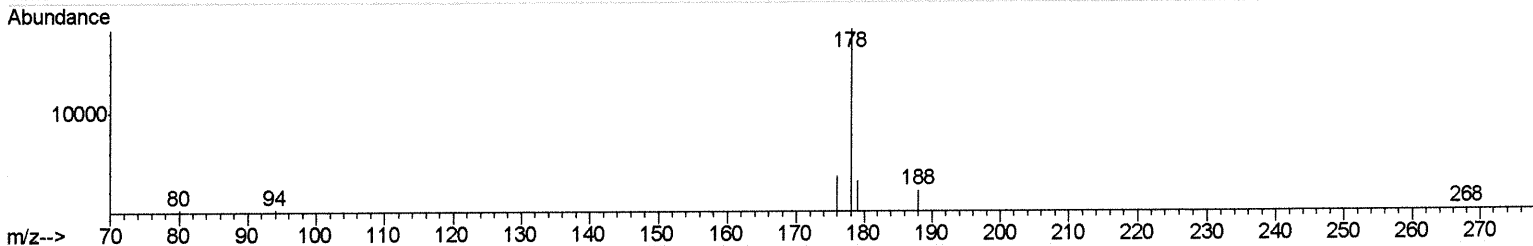
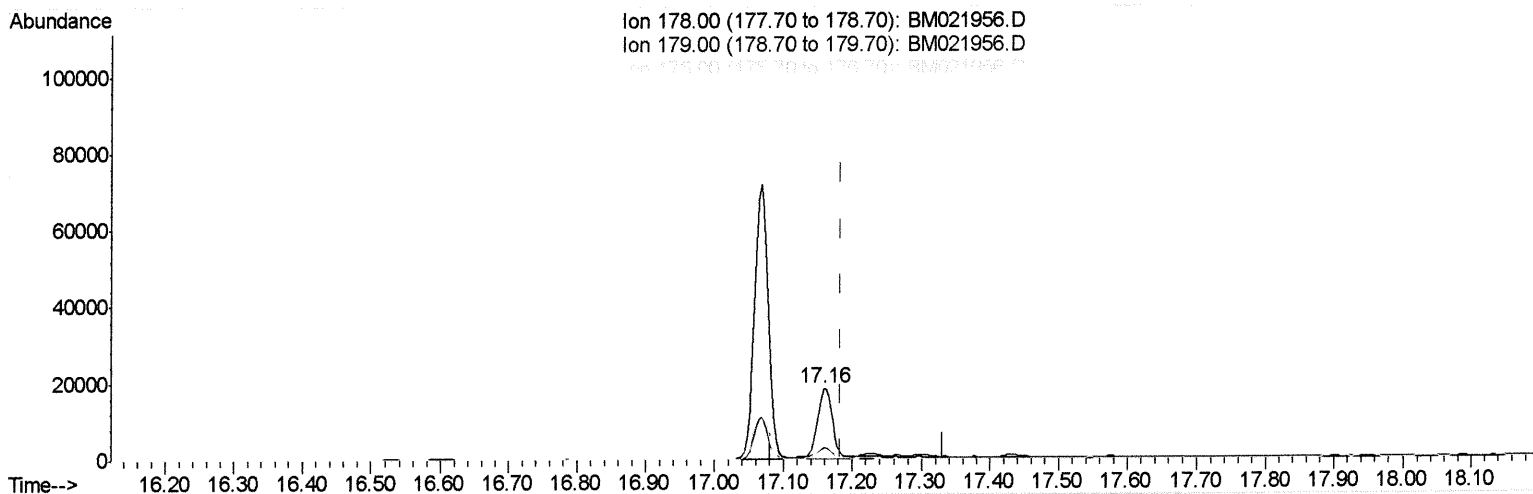
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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

17.157min (-0.026) 1.99ng/ul m *Ju 08/09/19*

response 27595

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.42
176.00	20.80	19.26
0.00	0.00	0.00

Quantitation Report (Qedit)

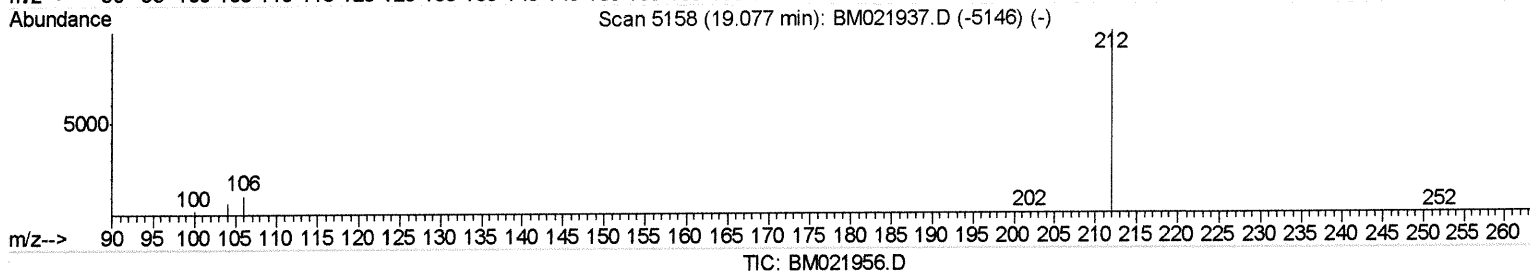
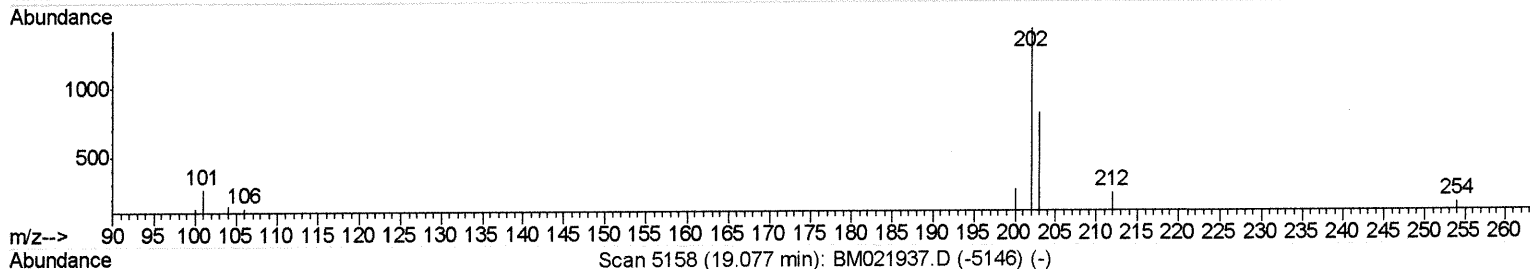
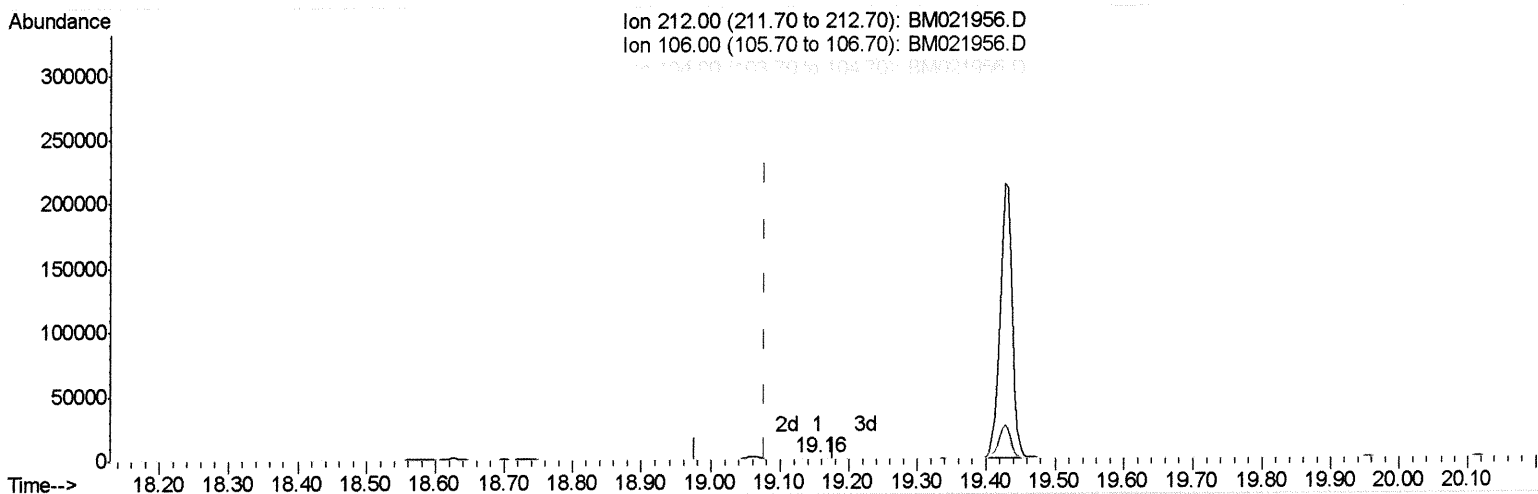
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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)

19.156min (+0.079) 0.01ng/ul

response 237

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	6.75#
104.00	6.00	56.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

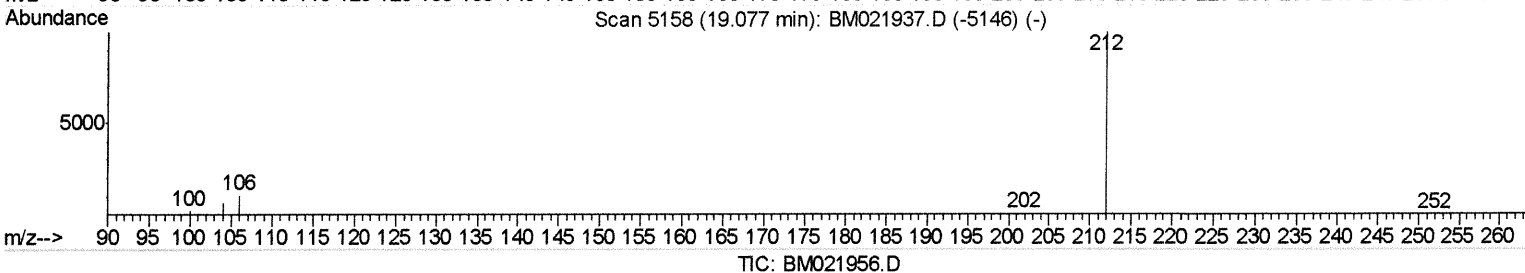
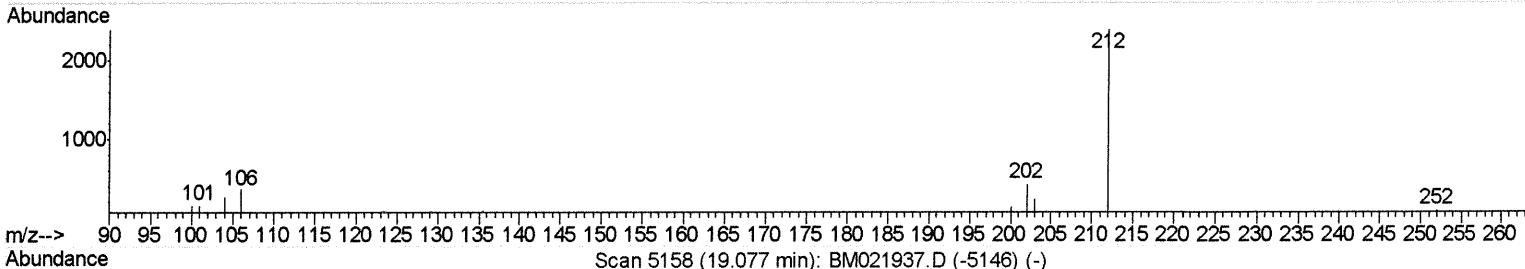
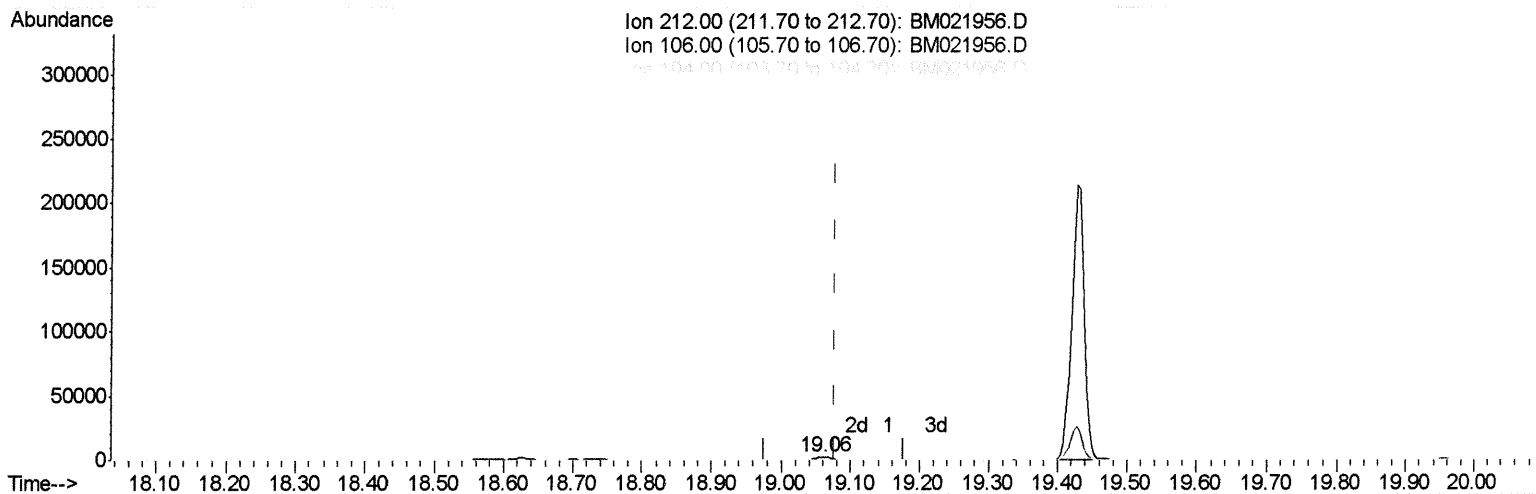
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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) 0.18ng/ul m

Handwritten: 50 08/09/19

response 3428

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.47#
104.00	6.00	3.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

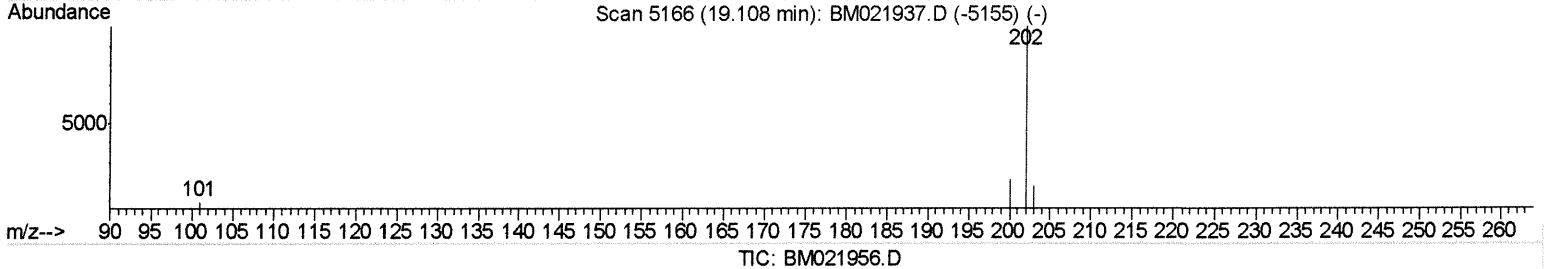
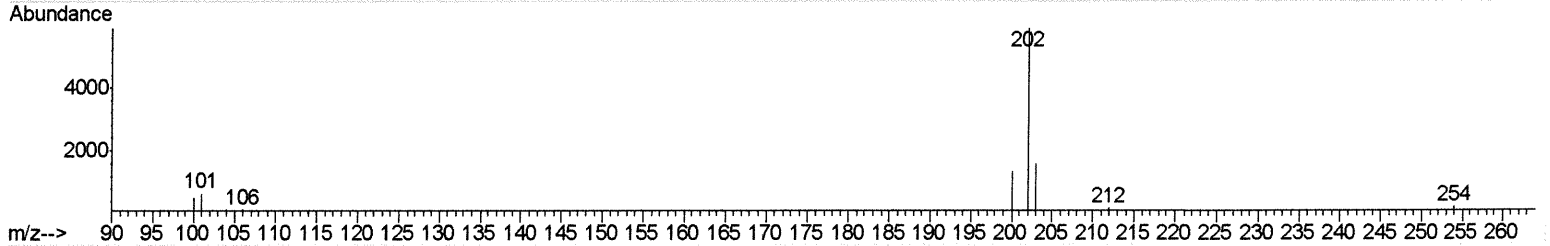
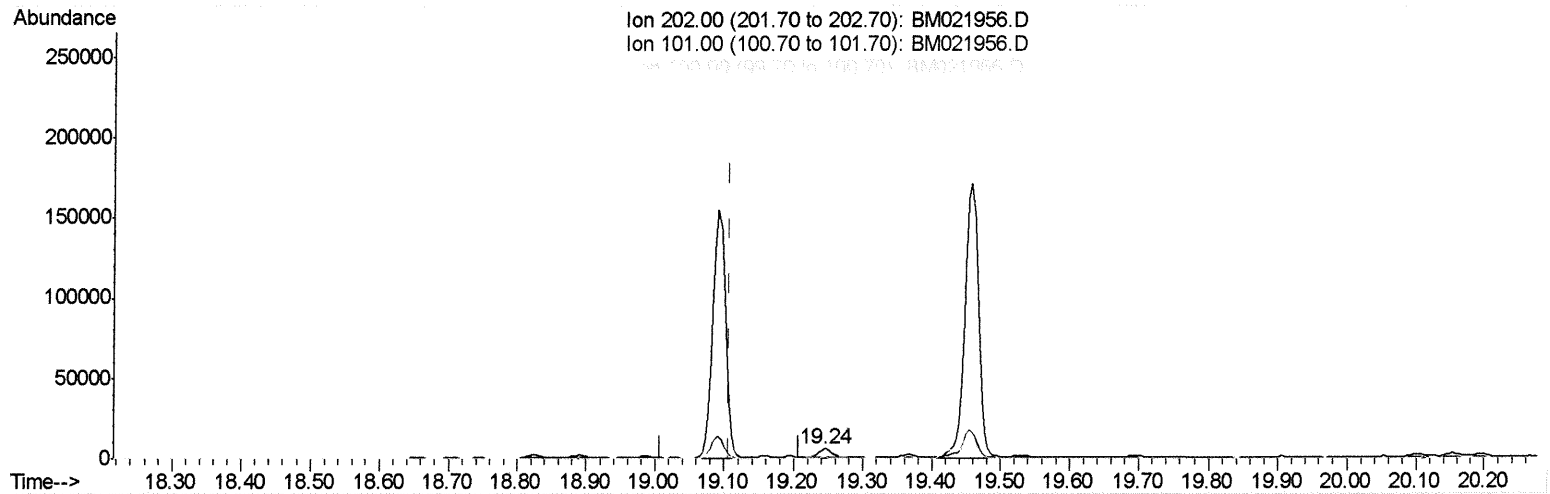
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 13:53:31 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)

19.244min (+0.136) 0.34ng/ul

response 7343

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.68
100.00	8.10	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

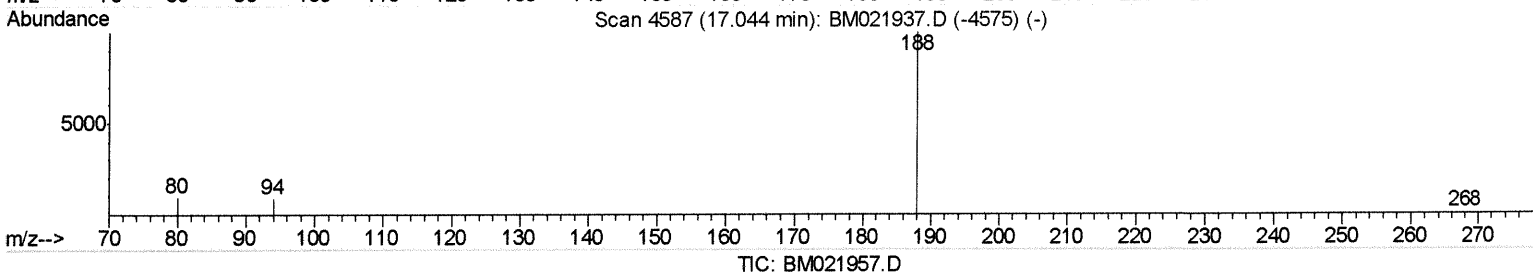
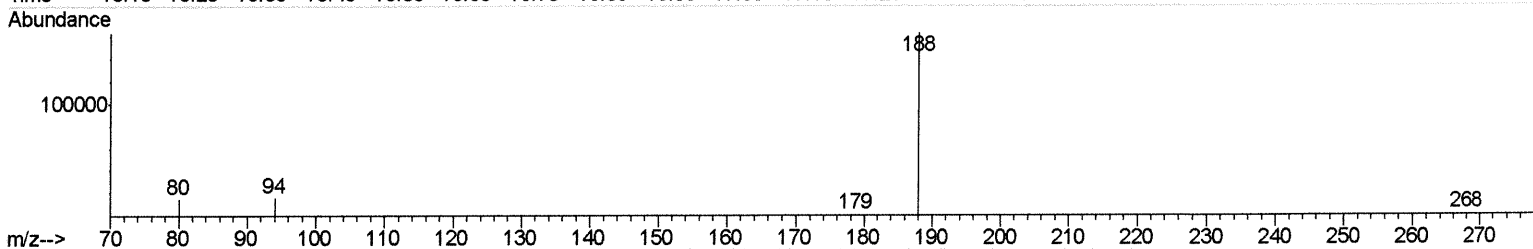
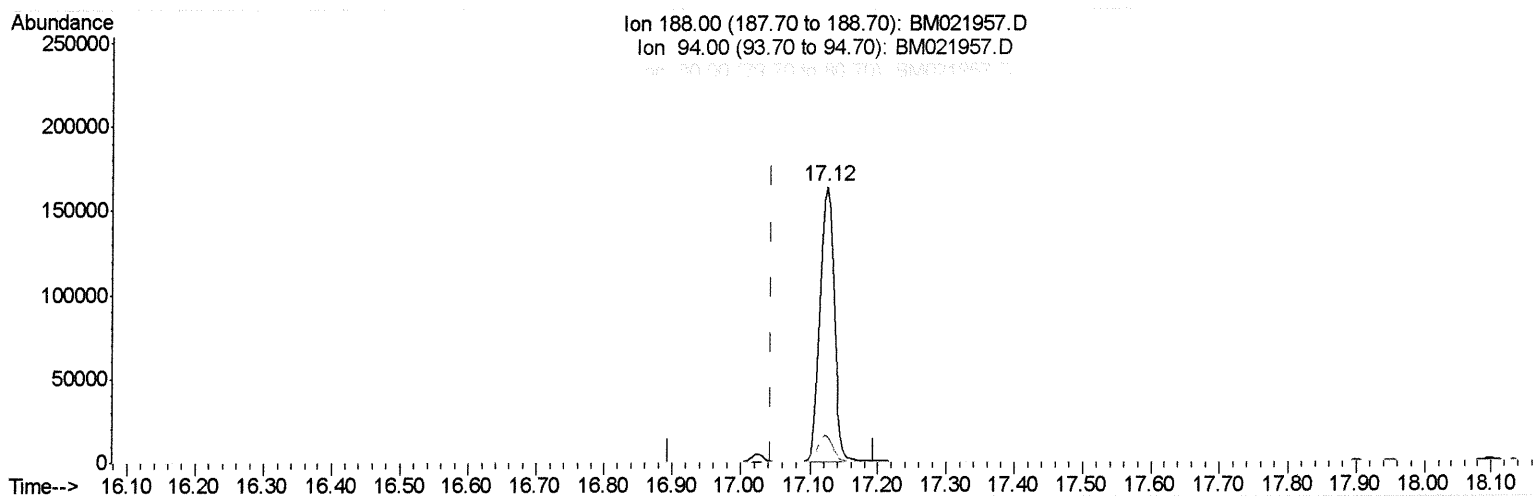
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.124min (+0.080) 0.40ng/ul

response 230698

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.50
80.00	11.40	8.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

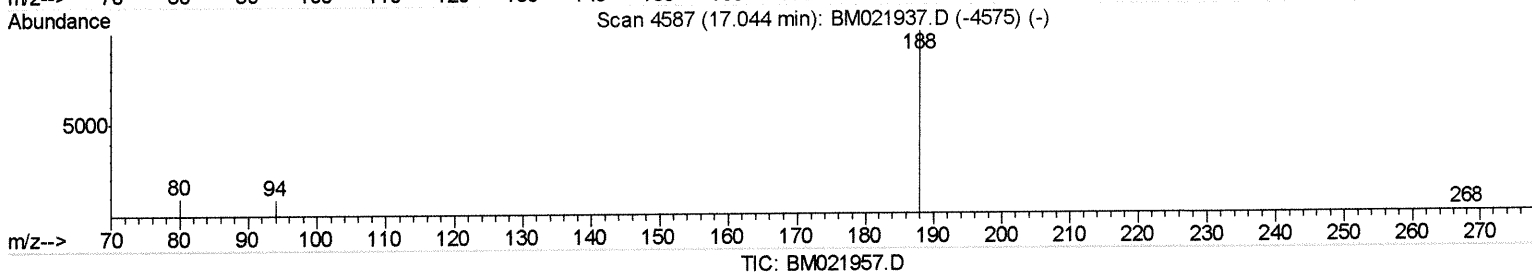
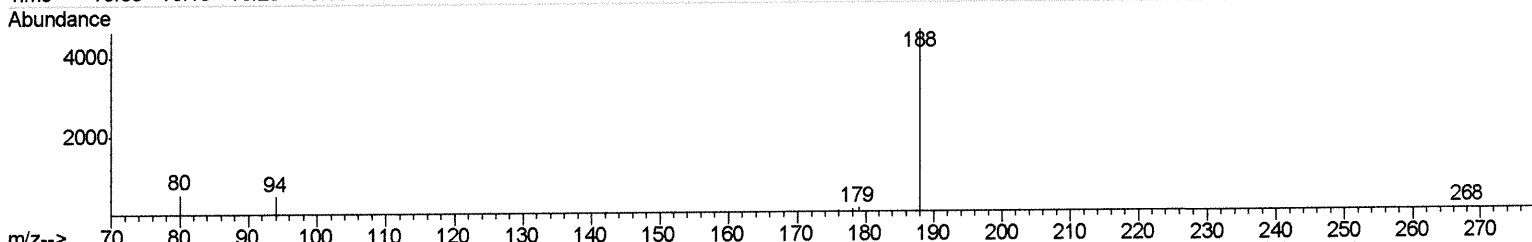
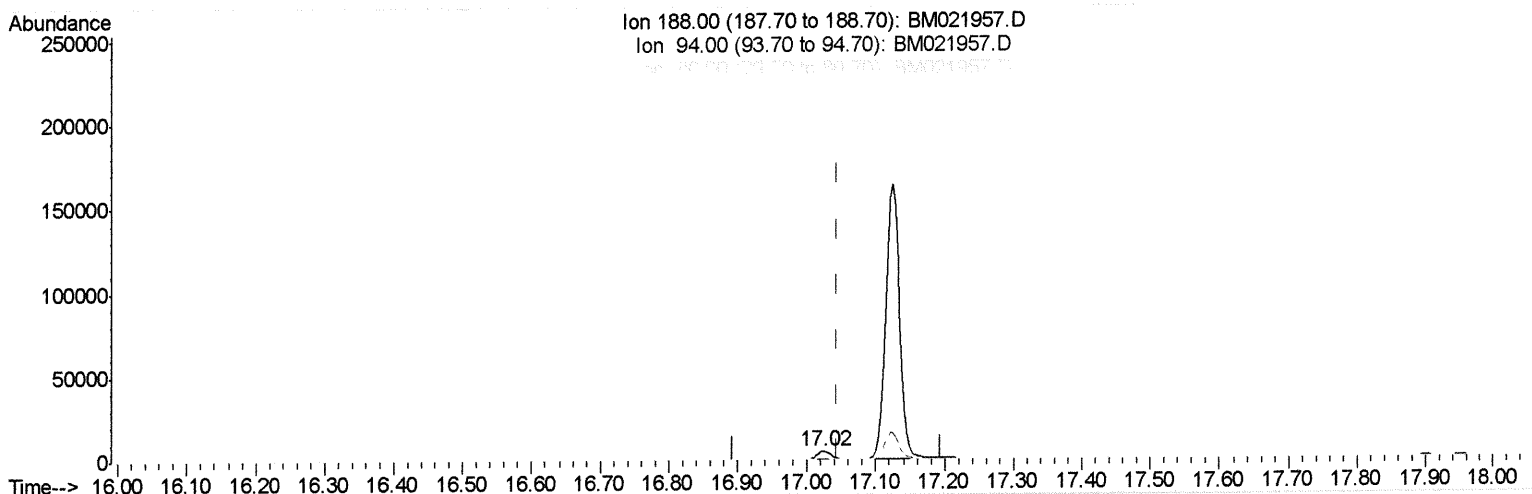
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.023min (-0.021) 0.40ng/ul m

Ju 08/09/19

response 6570

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.27
80.00	11.40	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

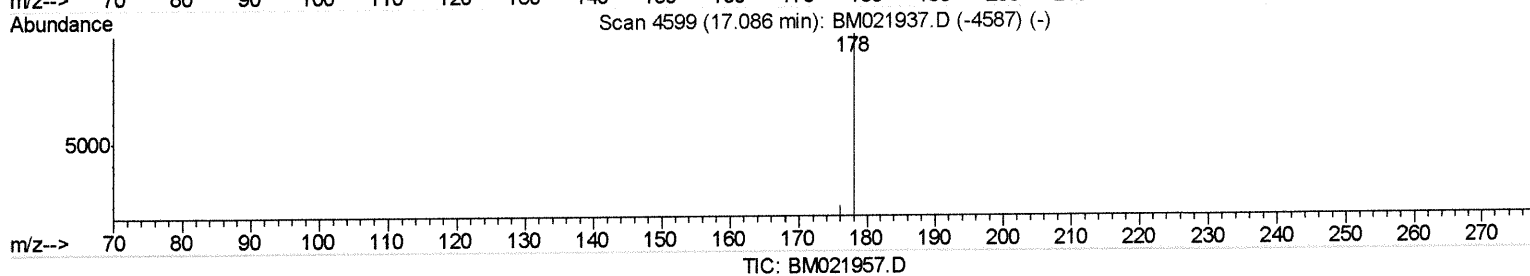
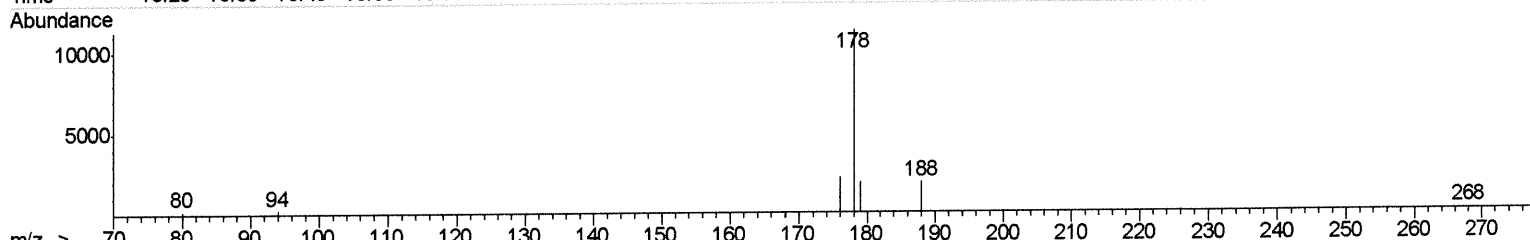
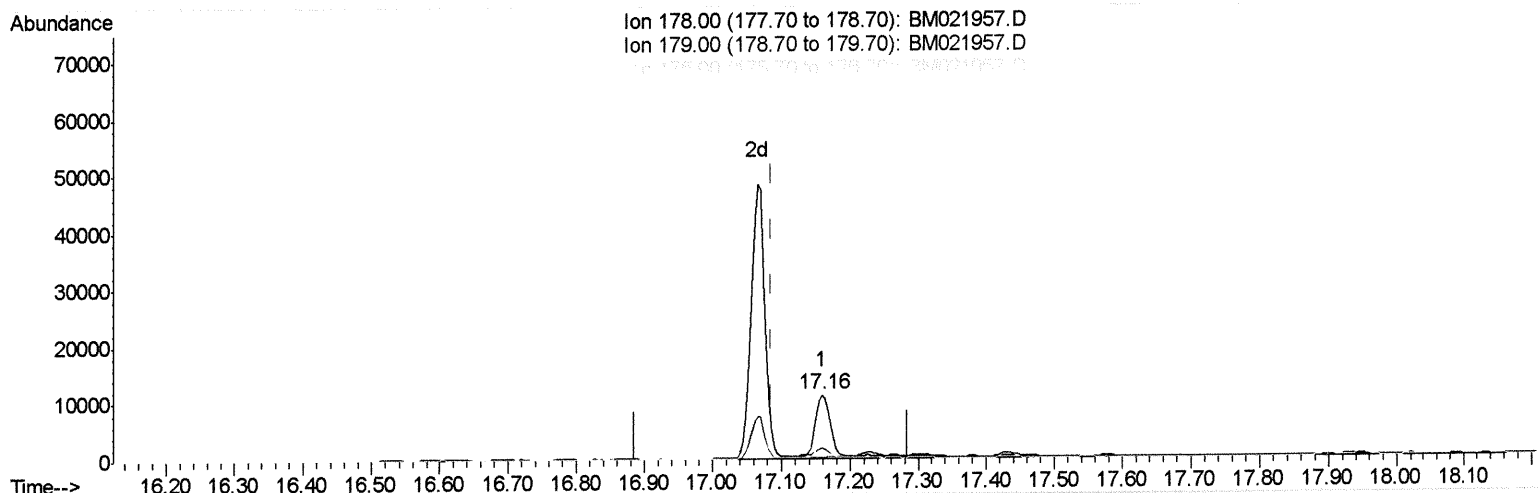
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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

17.159min (+0.073) 0.82ng/ul

response 15725

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.83
176.00	21.00	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

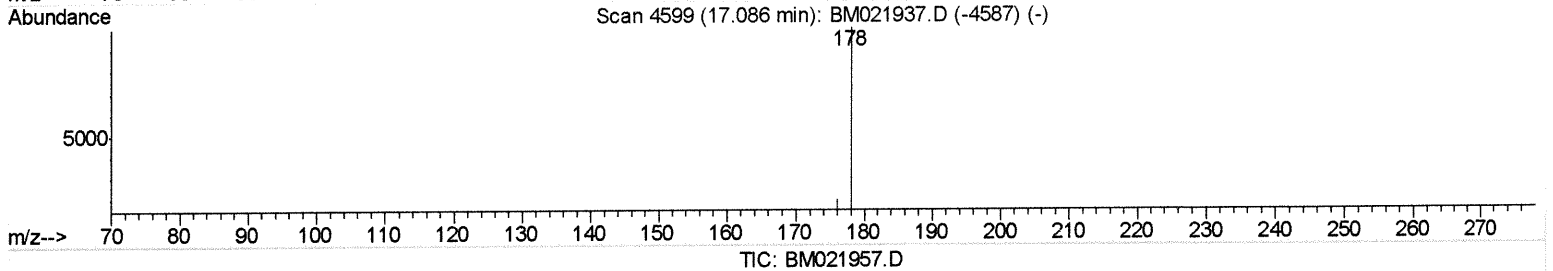
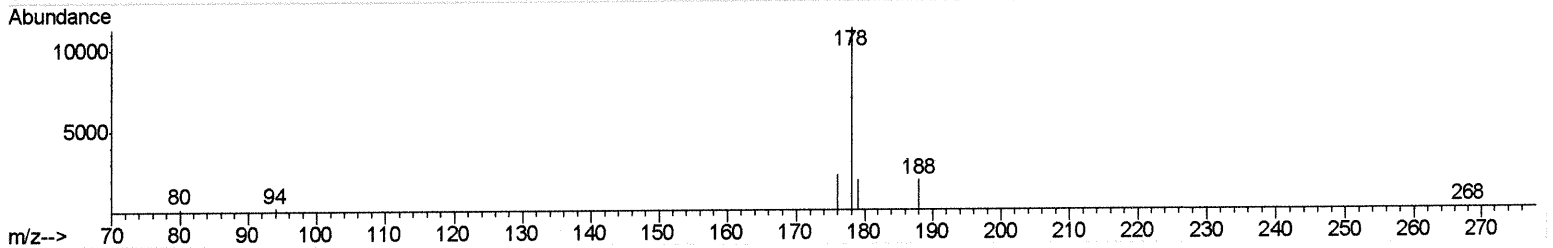
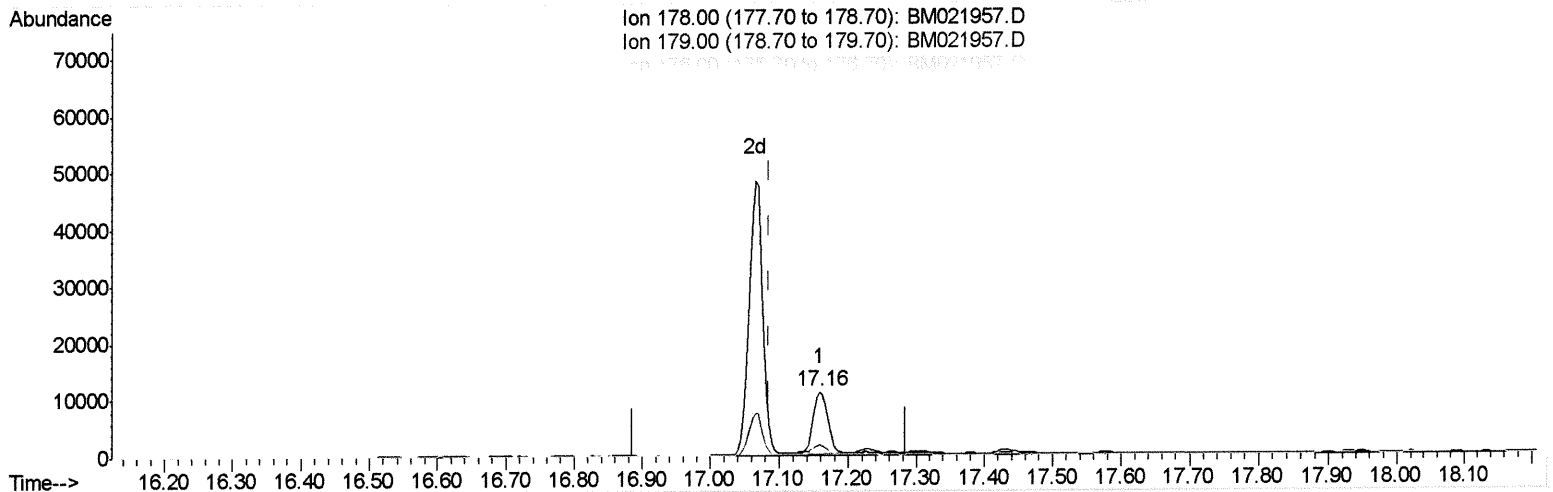
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENQ6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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

17.159min (+0.073) 0.82ng/ul

response 15725

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.83
176.00	21.00	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

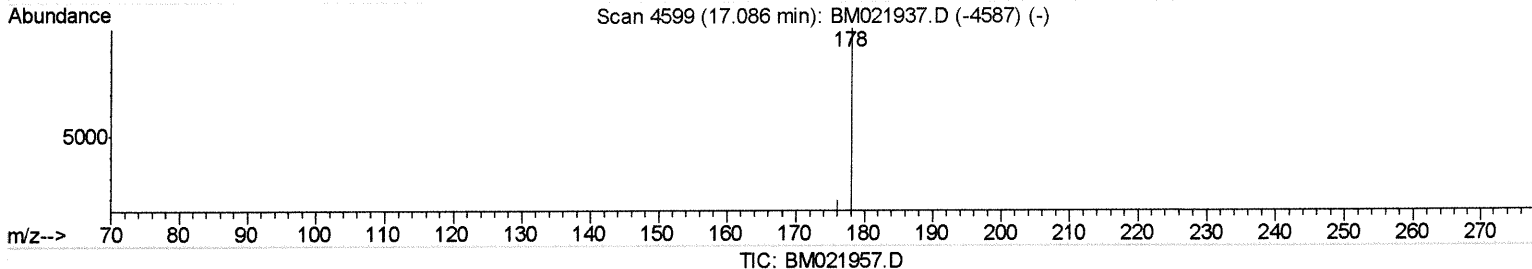
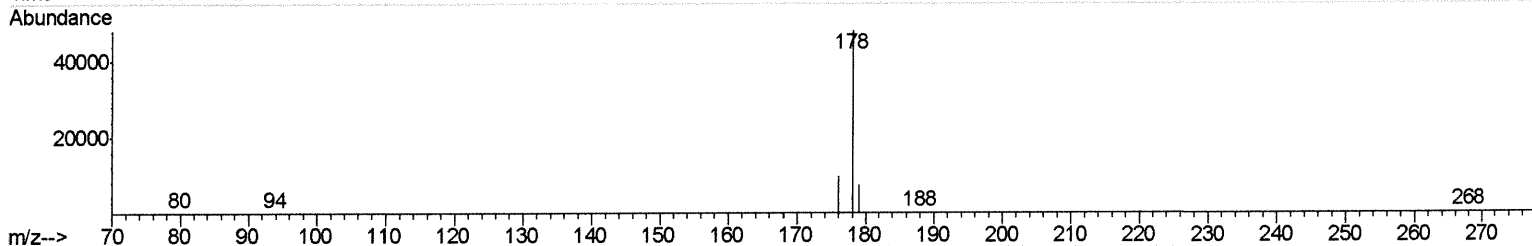
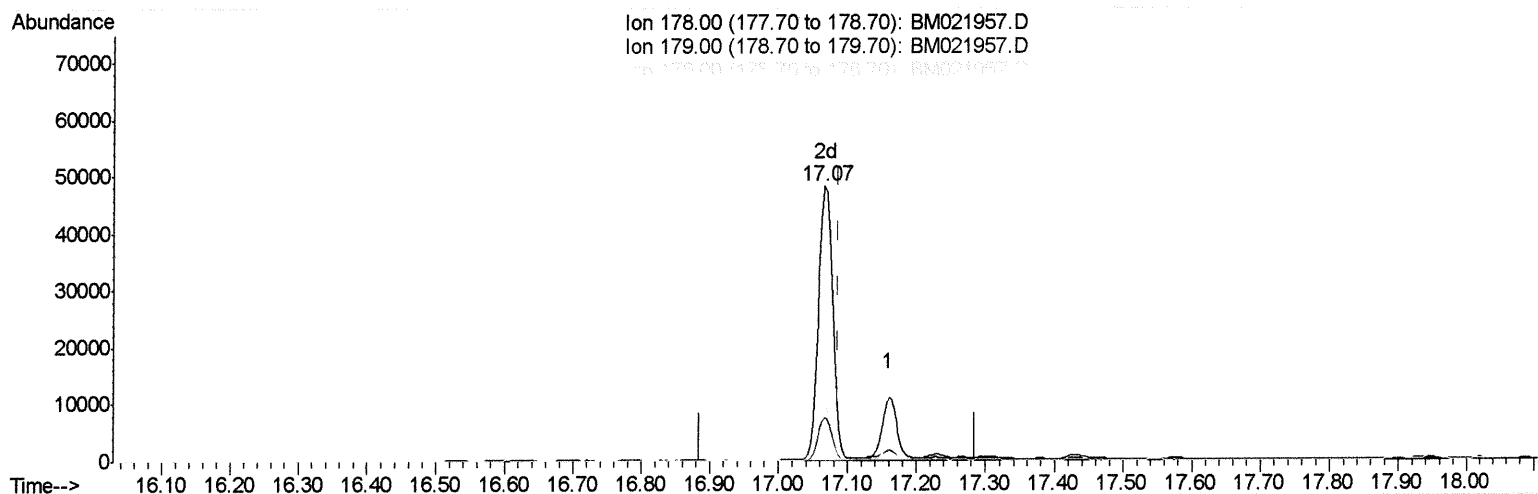
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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

17.065min (-0.021) 3.62ng/ul m

response 69239

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.50
176.00	21.00	19.71
0.00	0.00	0.00

Jy 08/09/19

Quantitation Report (Qedit)

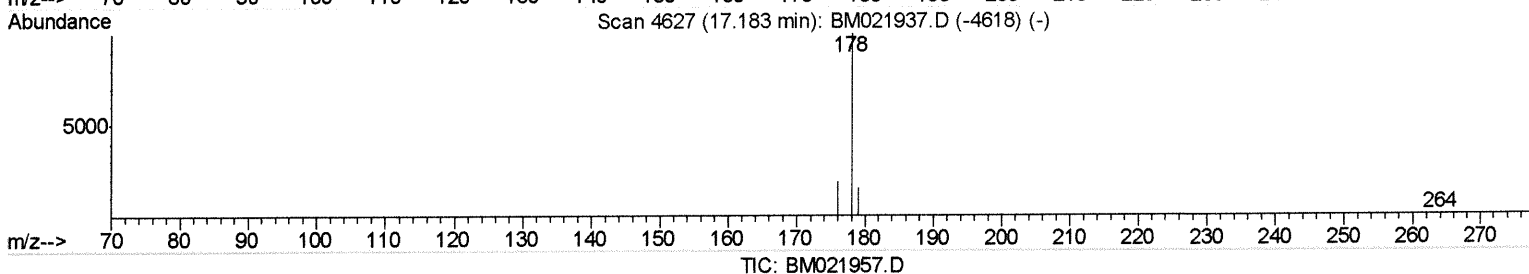
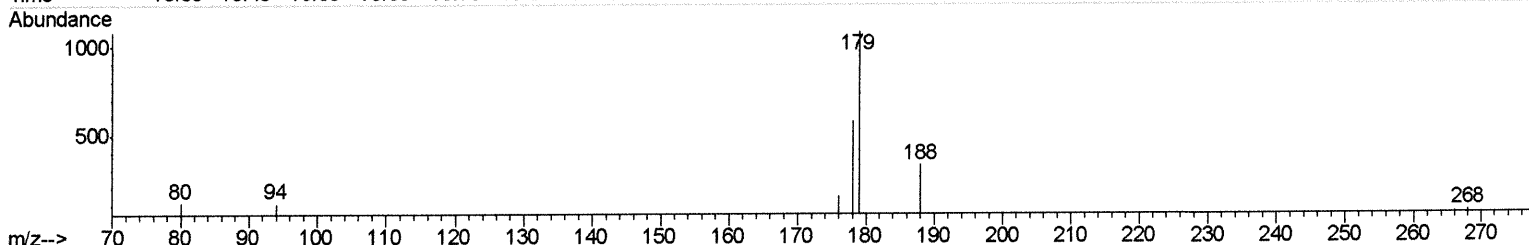
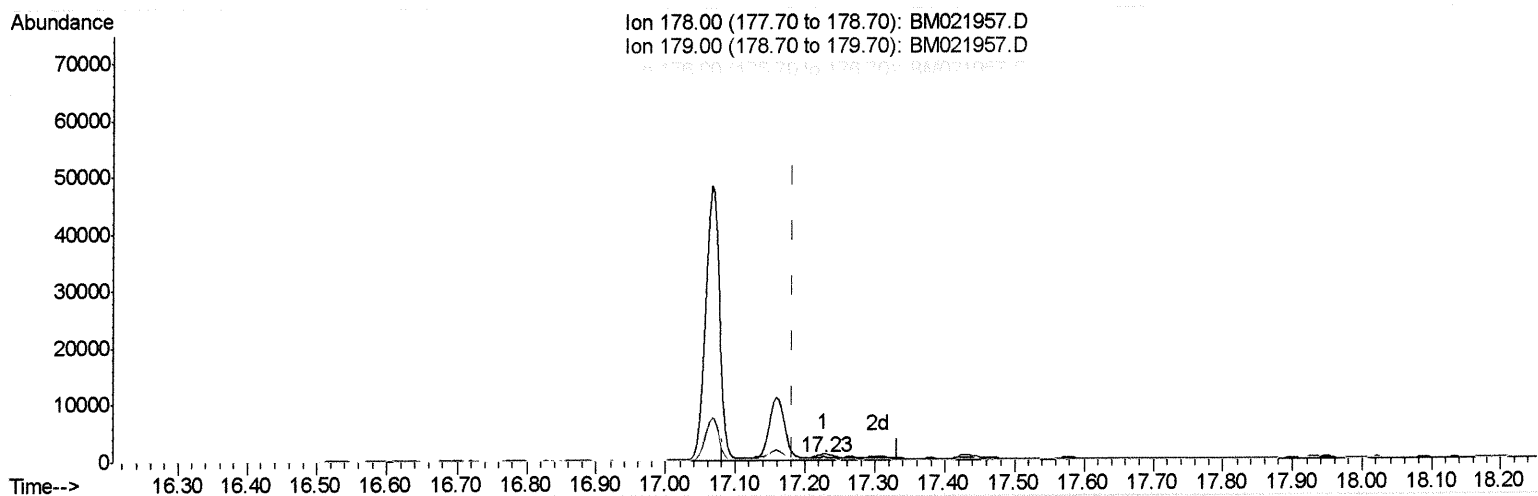
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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

17.228min (+0.045) 0.02ng/ul

response 373

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	189.53#
176.00	20.80	25.83#
0.00	0.00	0.00

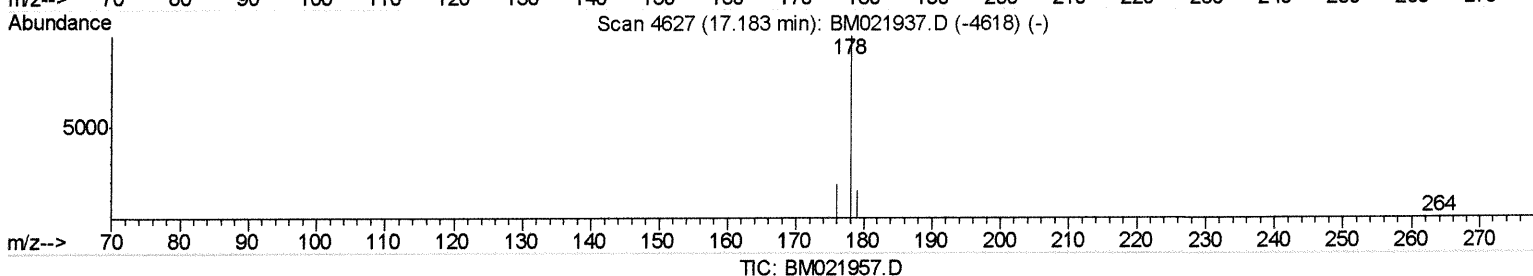
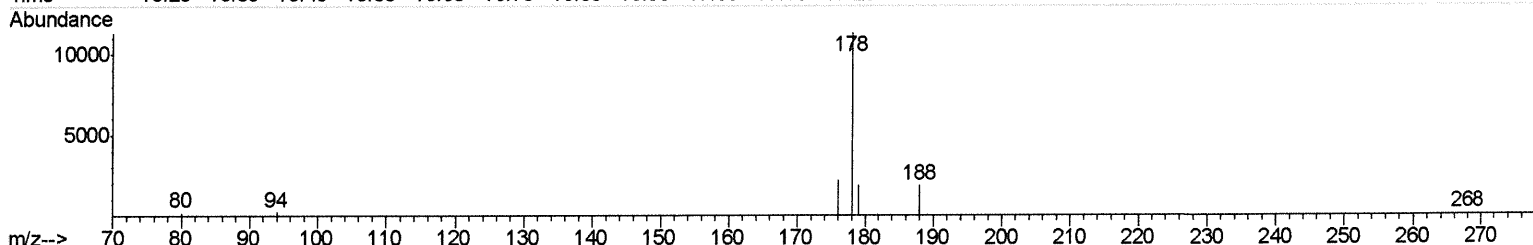
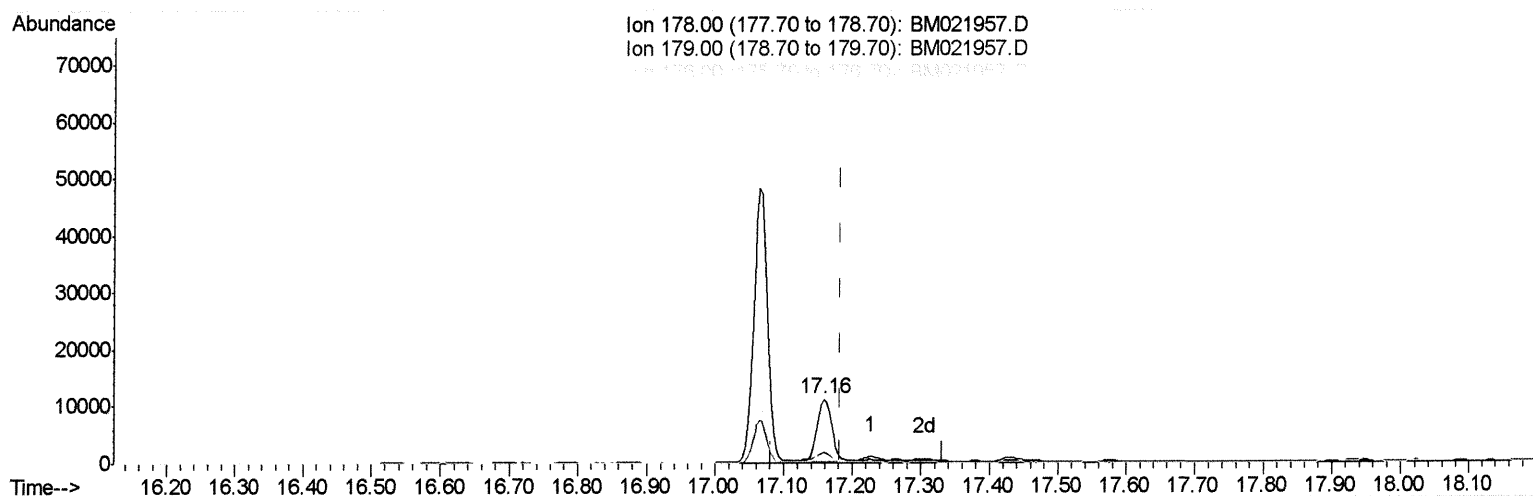
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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

17.159min (-0.024) 1.01ng/ul m *JU 8/13/19*

response 16399

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.83
176.00	20.80	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

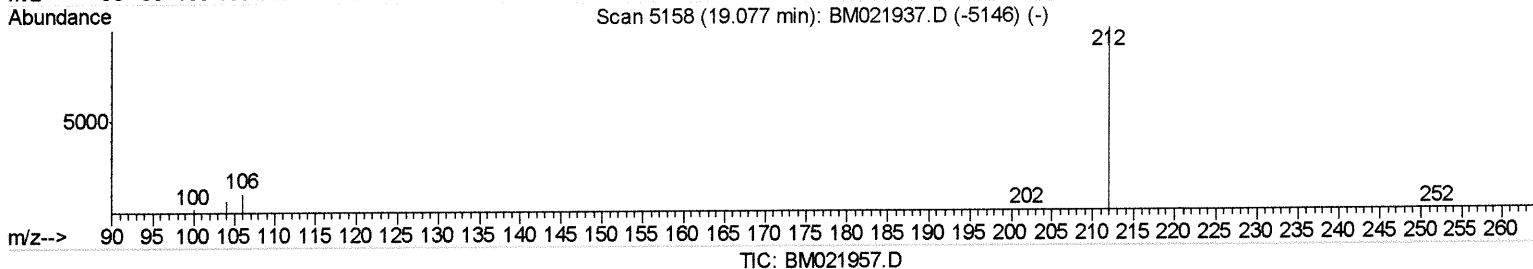
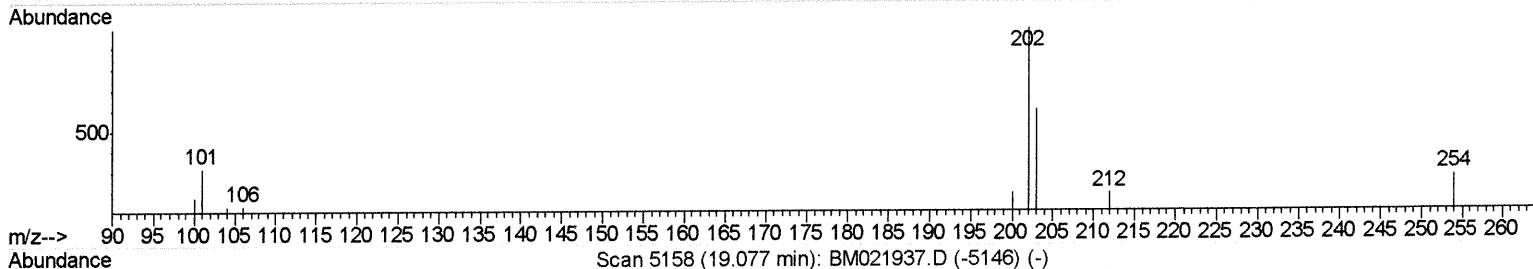
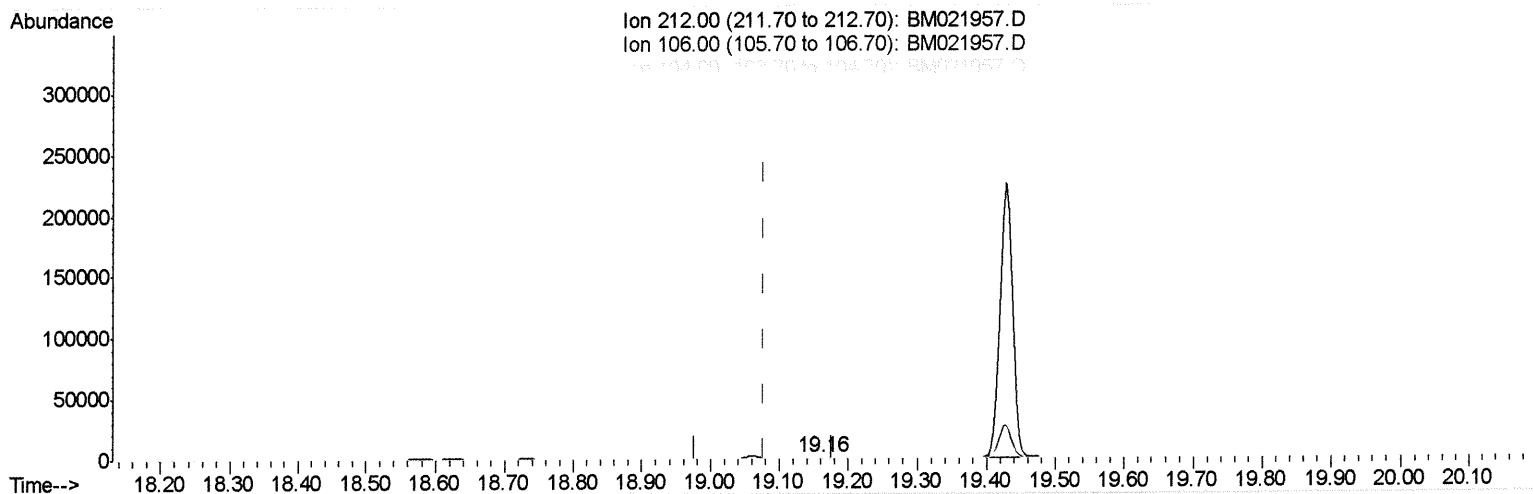
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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)

19.161min (+0.084) 0.01ng/ul

response 182

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	7.14#
104.00	6.00	43.41#
0.00	0.00	0.00

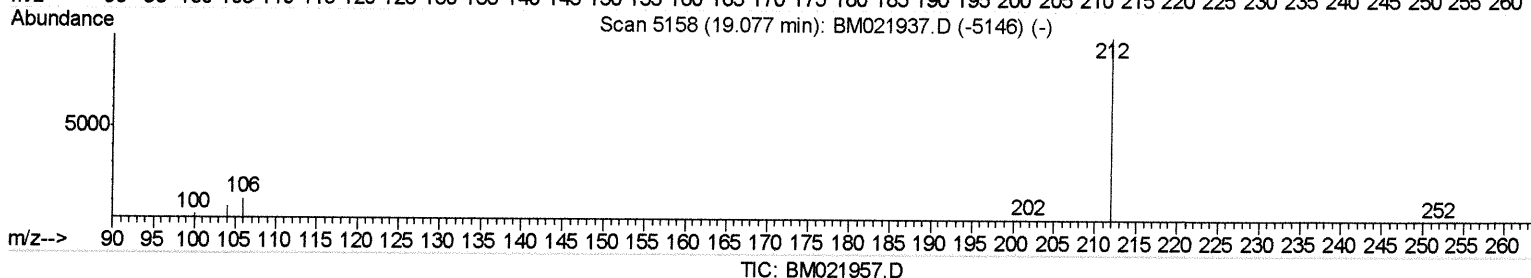
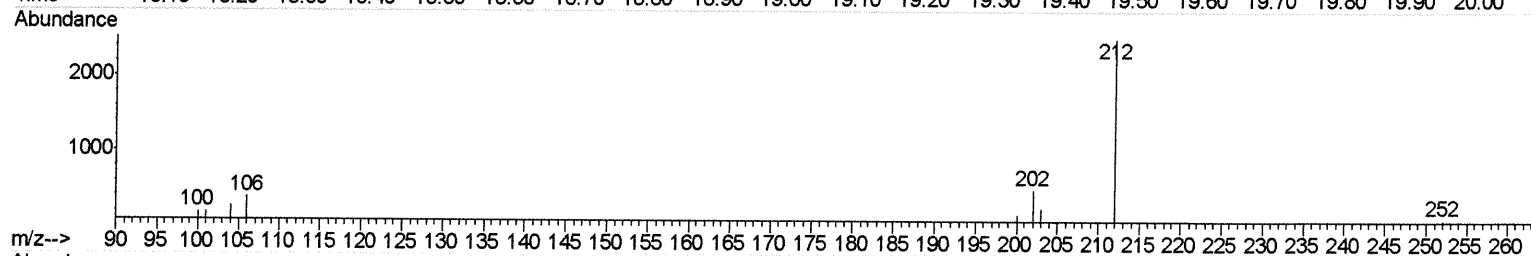
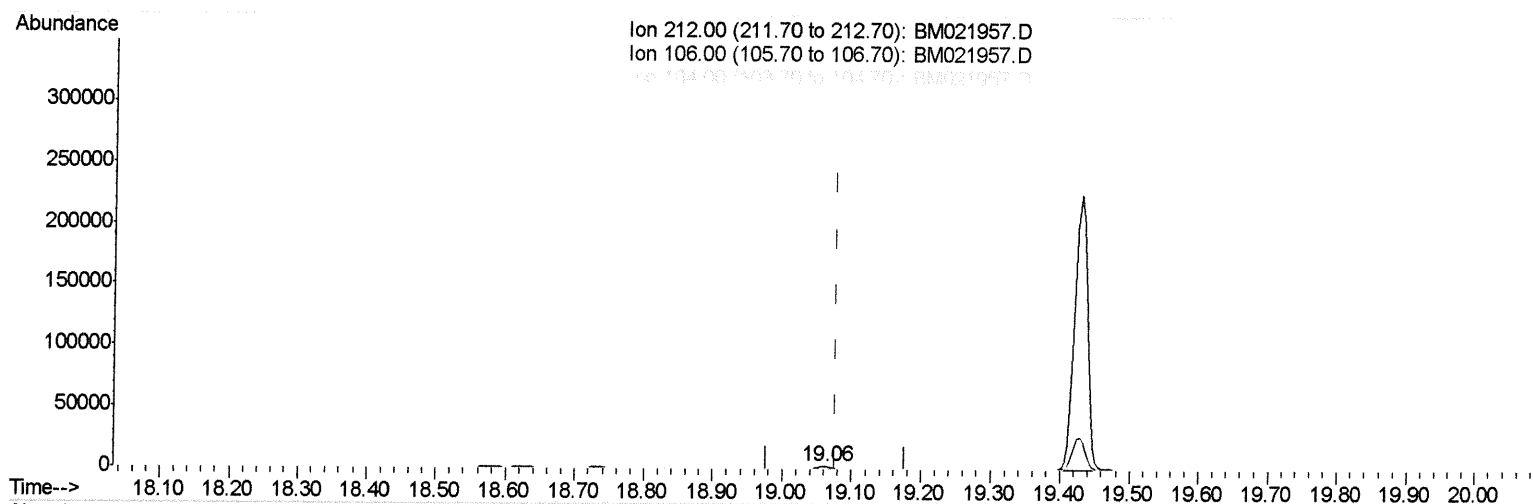
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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)

19.062min (-0.015) 0.17ng/ul m

JU
08/09/19

response 3662

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.35#
104.00	6.00	2.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

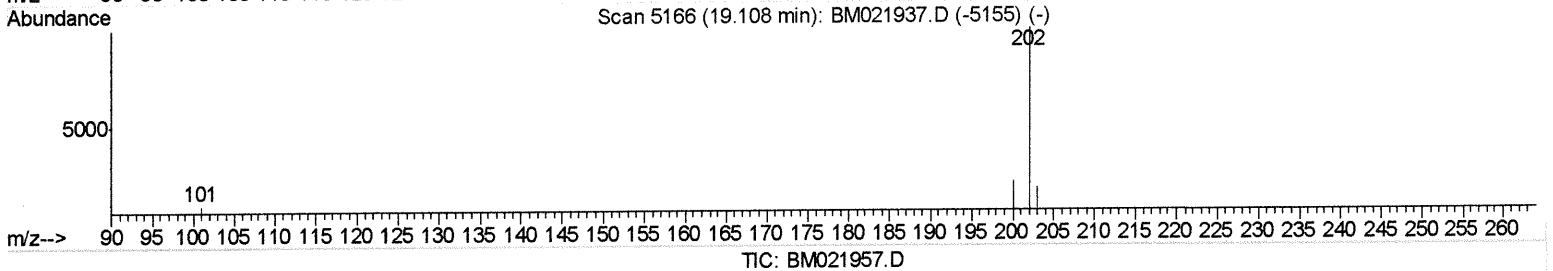
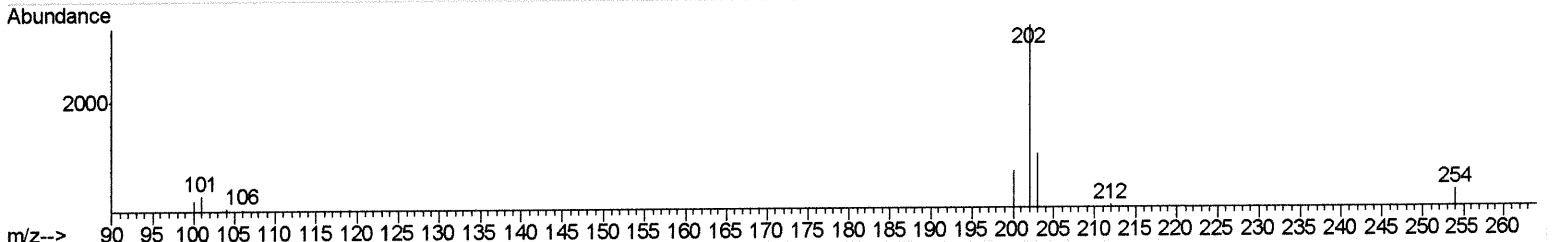
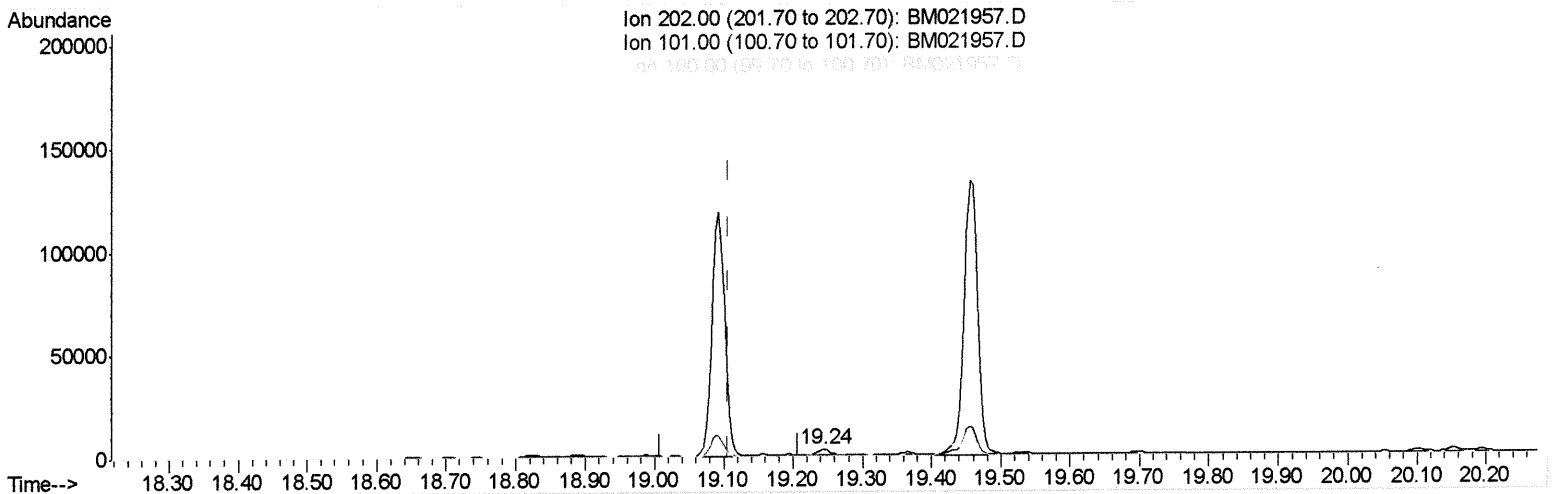
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENQ6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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



TIC: BM021957.D

(15) Fluoranthene (C)

19.245min (+0.137) 0.15ng/ul

response 3763

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	11.16
100.00	8.10	8.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

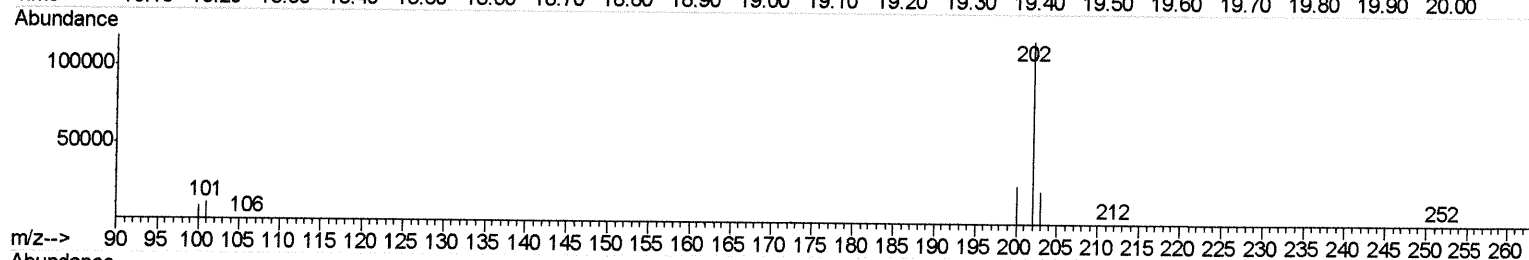
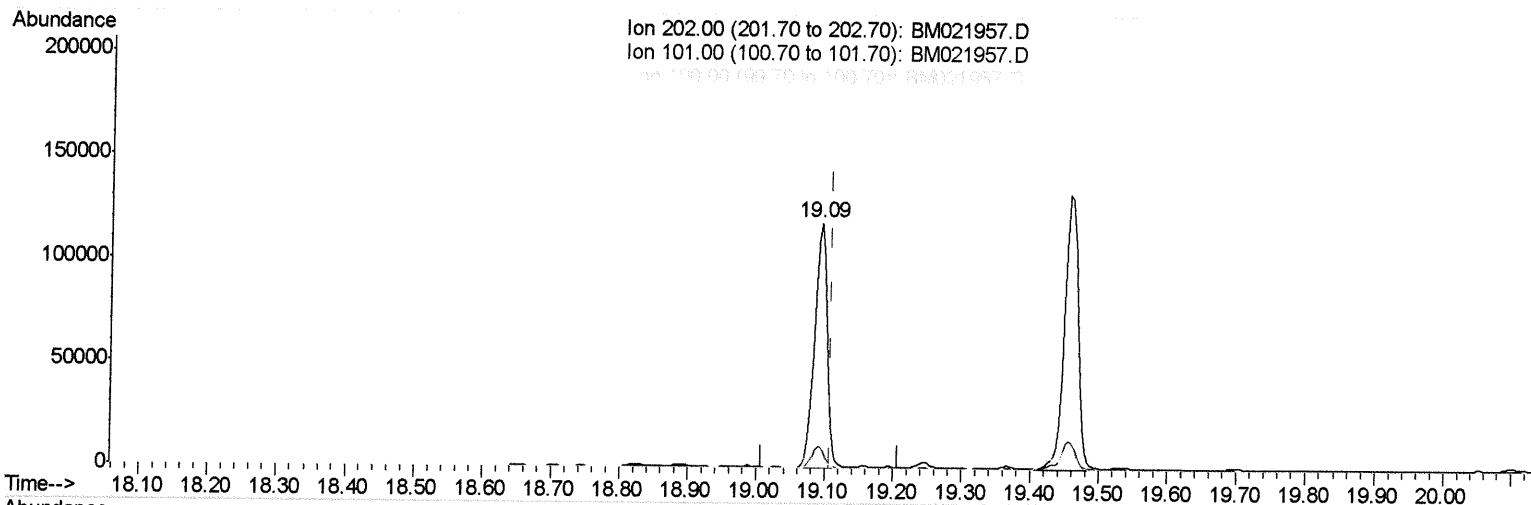
Quant Time: Aug 09 12:26:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

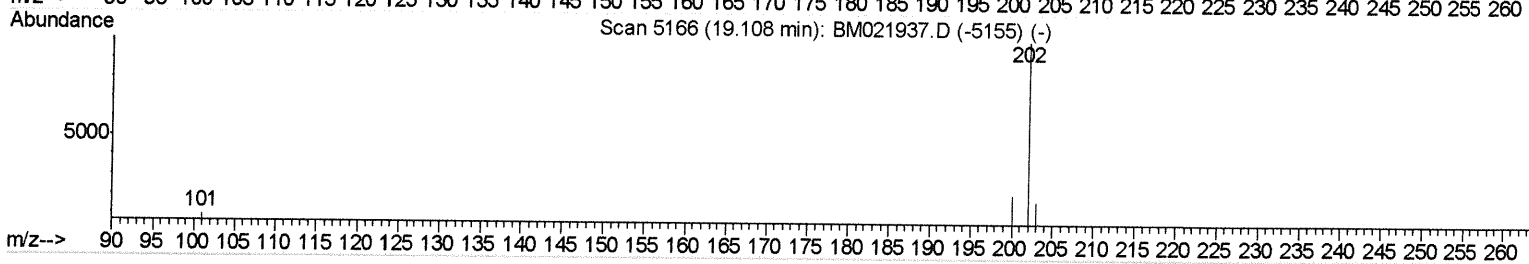
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration



Scan 5166 (19.108 min): BM021937.D (-5155) (-)



TIC: BM021957.D

(15) Fluoranthene (C)

19.092min (-0.015) 6.00ng/ul m

JU
08/09/19

response 153675

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.82
100.00	8.10	6.78
0.00	0.00	0.00

Quantitation Report (Qedit)

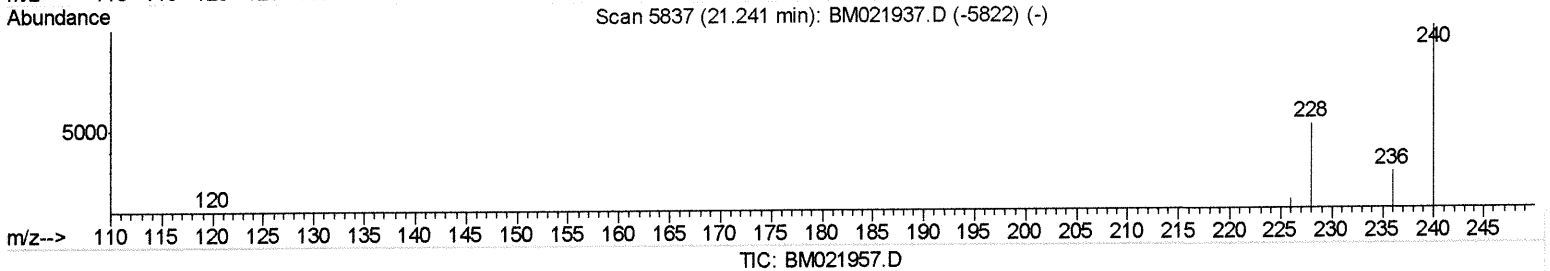
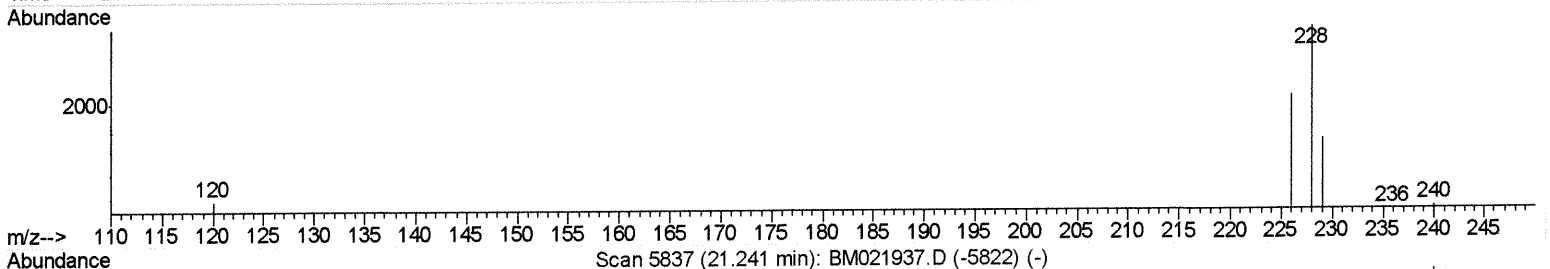
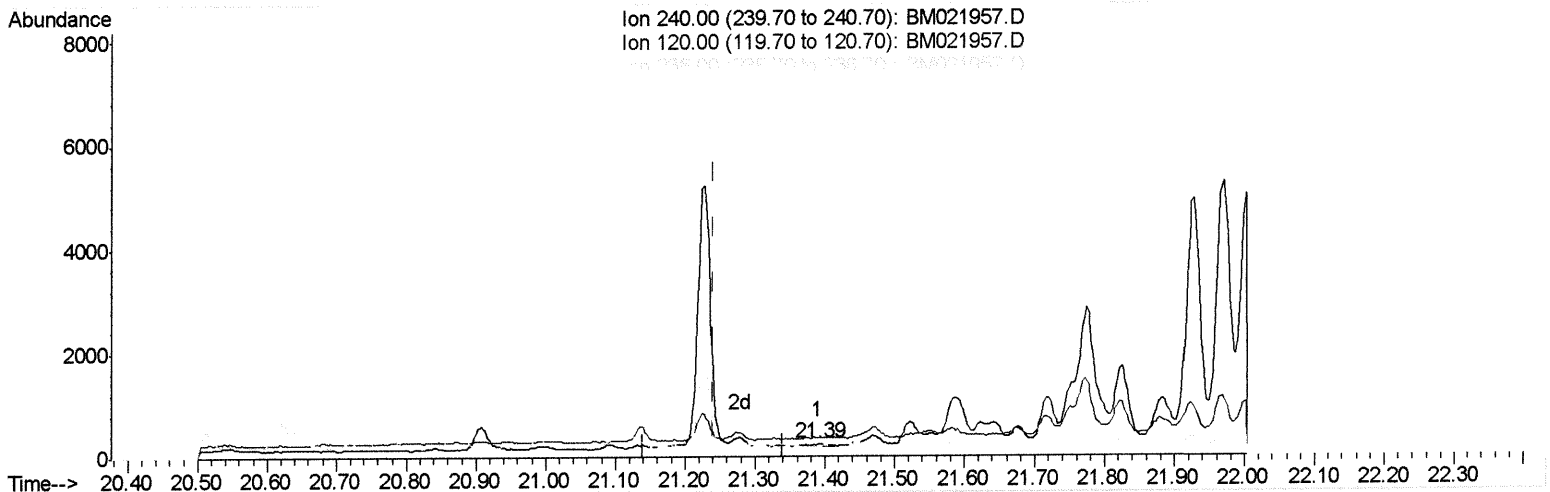
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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)
 21.391min (+0.150) 0.40ng/ul
 response 63

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	152.26#
236.00	32.30	82.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

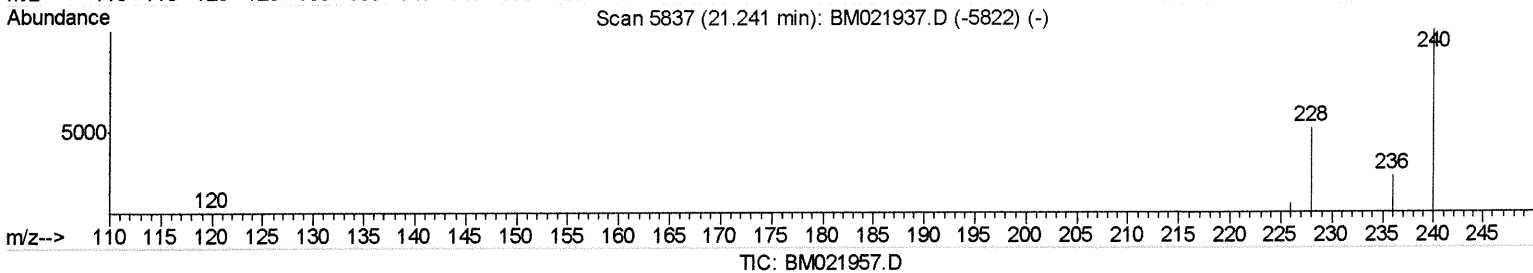
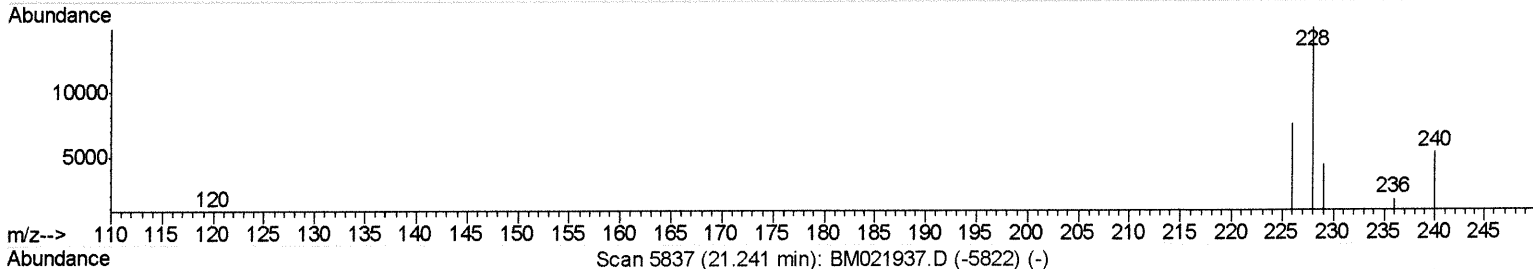
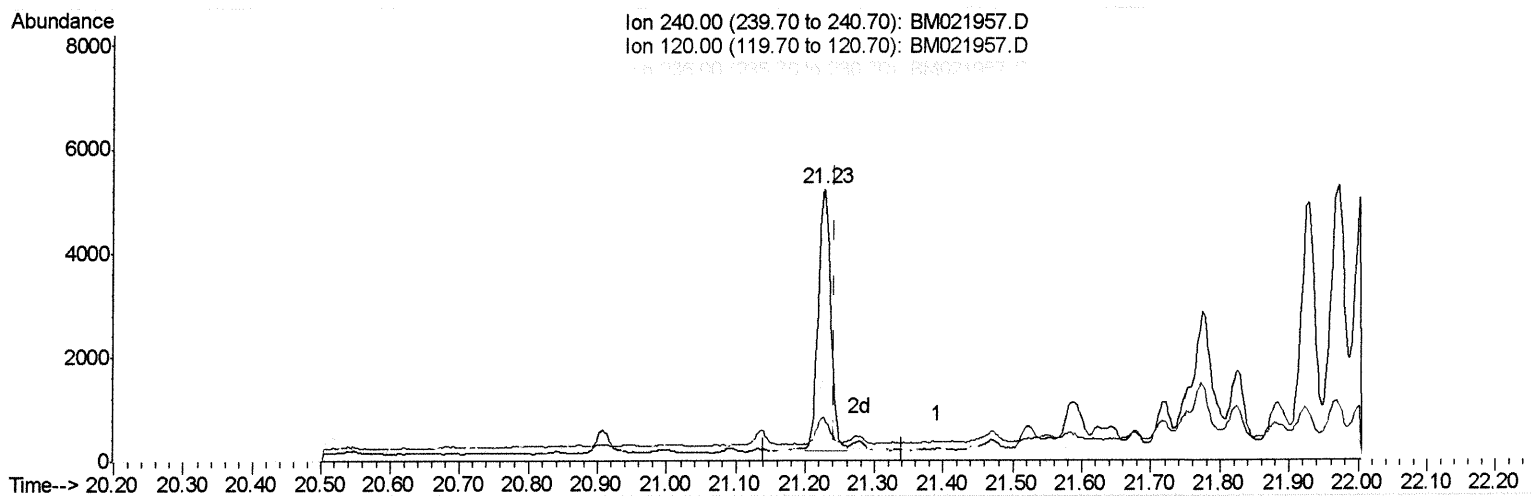
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:26:57 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)

21.227min (-0.015) 0.40ng/ul m

Ju 08/09/19

response 6271

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.68
236.00	32.30	31.16
0.00	0.00	0.00

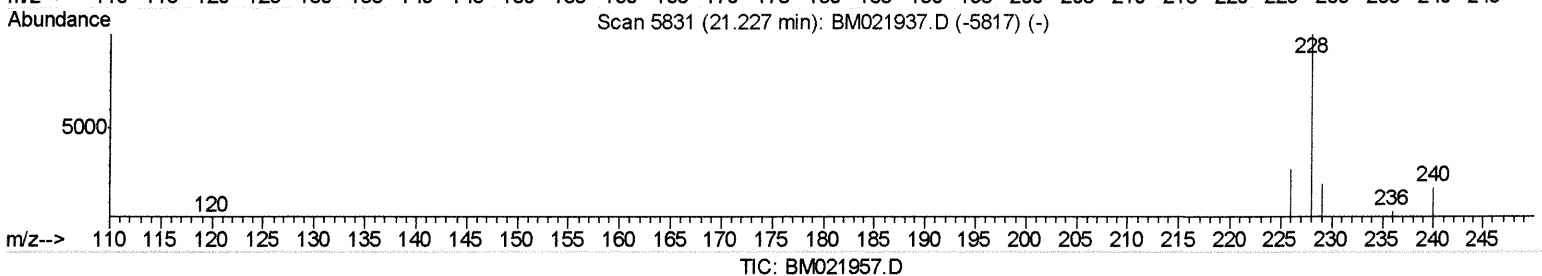
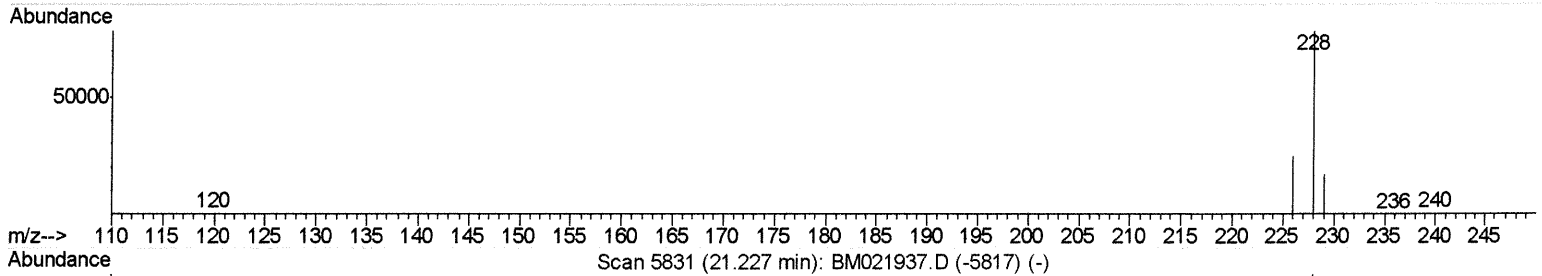
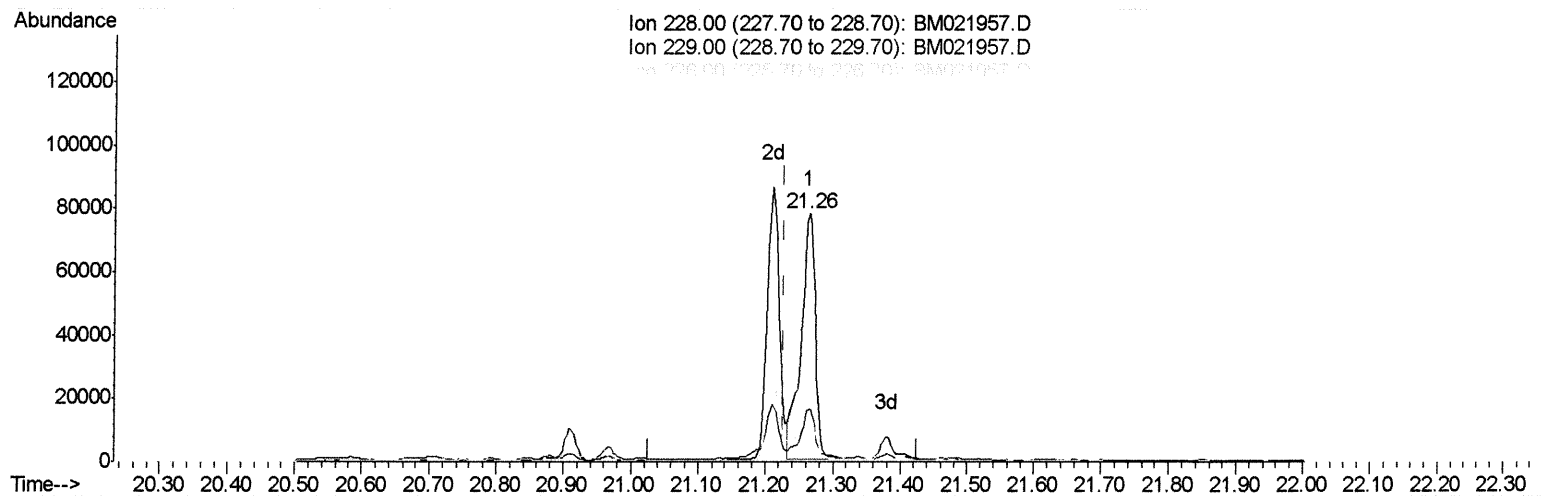
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.263min (+0.036) 5.11ng/ul

response 114538

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.19
226.00	28.30	31.64
0.00	0.00	0.00

Quantitation Report (Qedit)

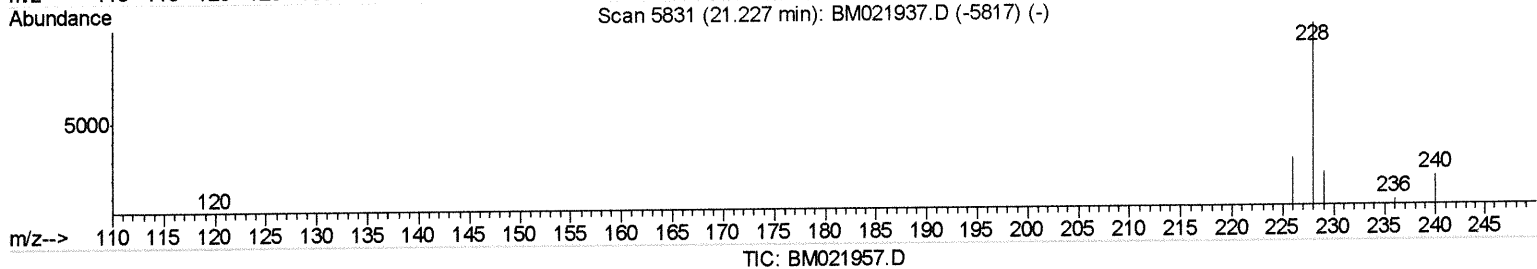
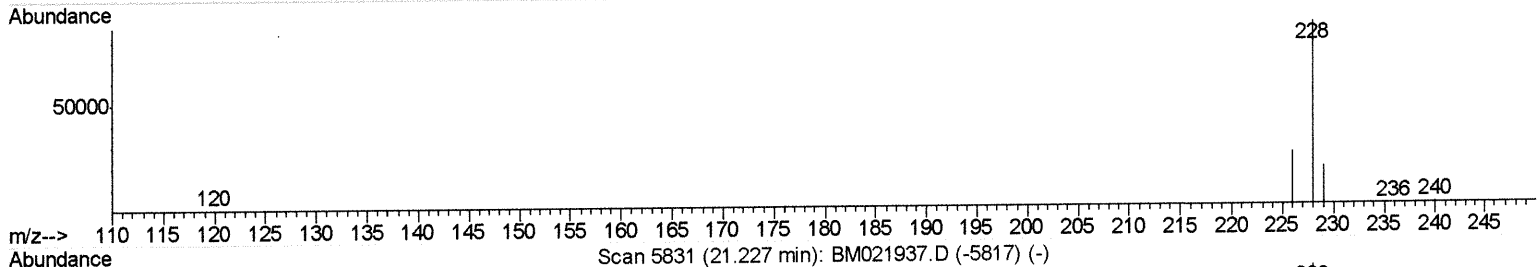
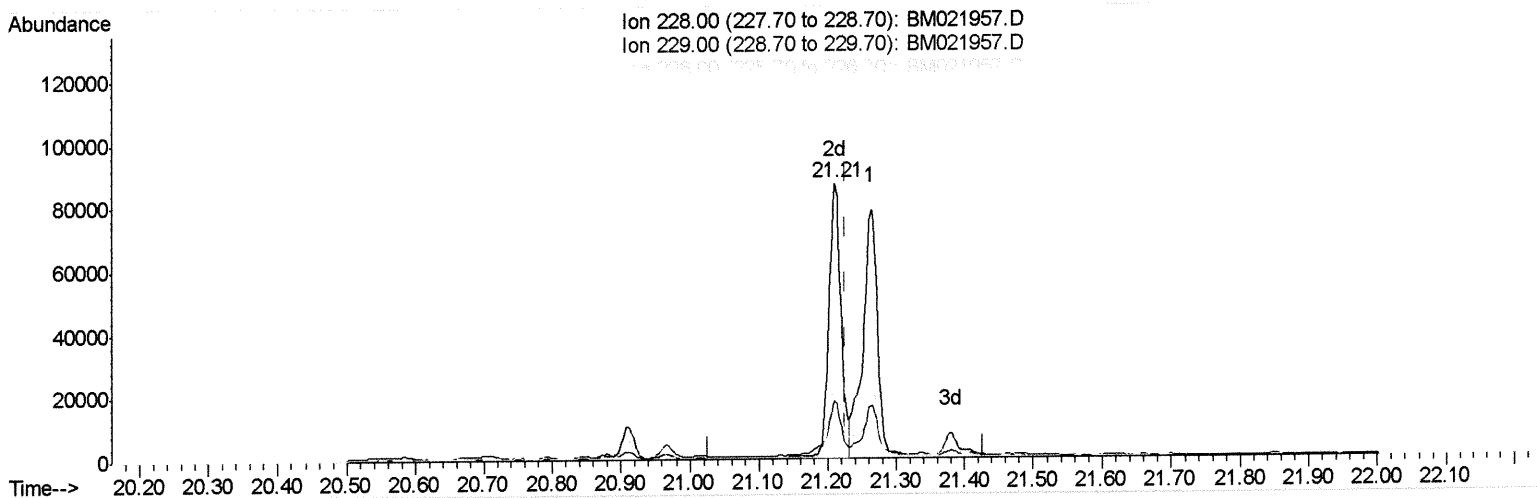
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.210min (-0.017) 4.89ng/ul m

JU
08/09/19

response 109663

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.96
226.00	28.30	28.88
0.00	0.00	0.00

Quantitation Report (Qedit)

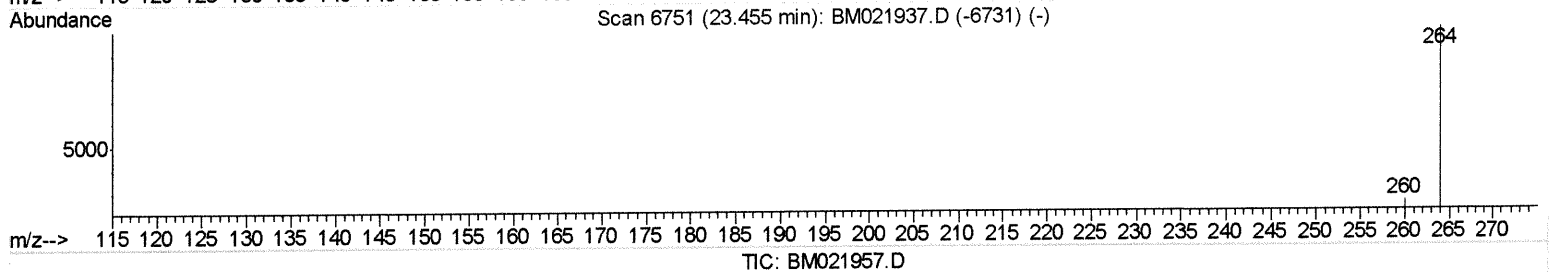
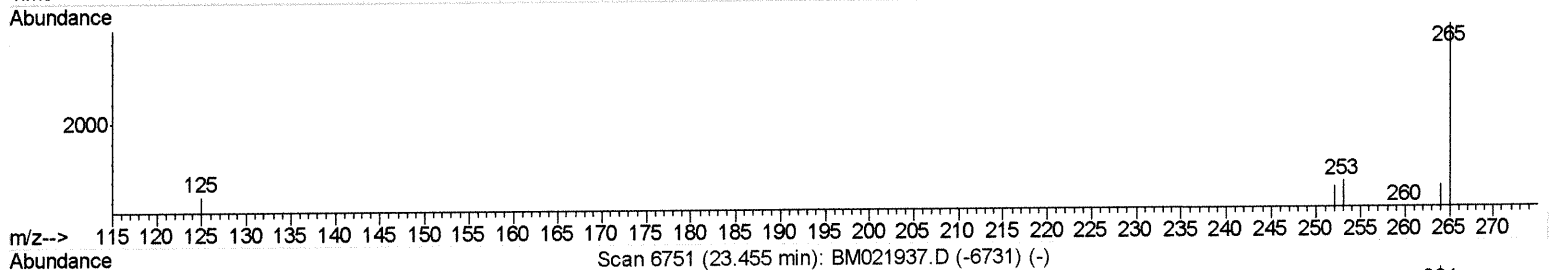
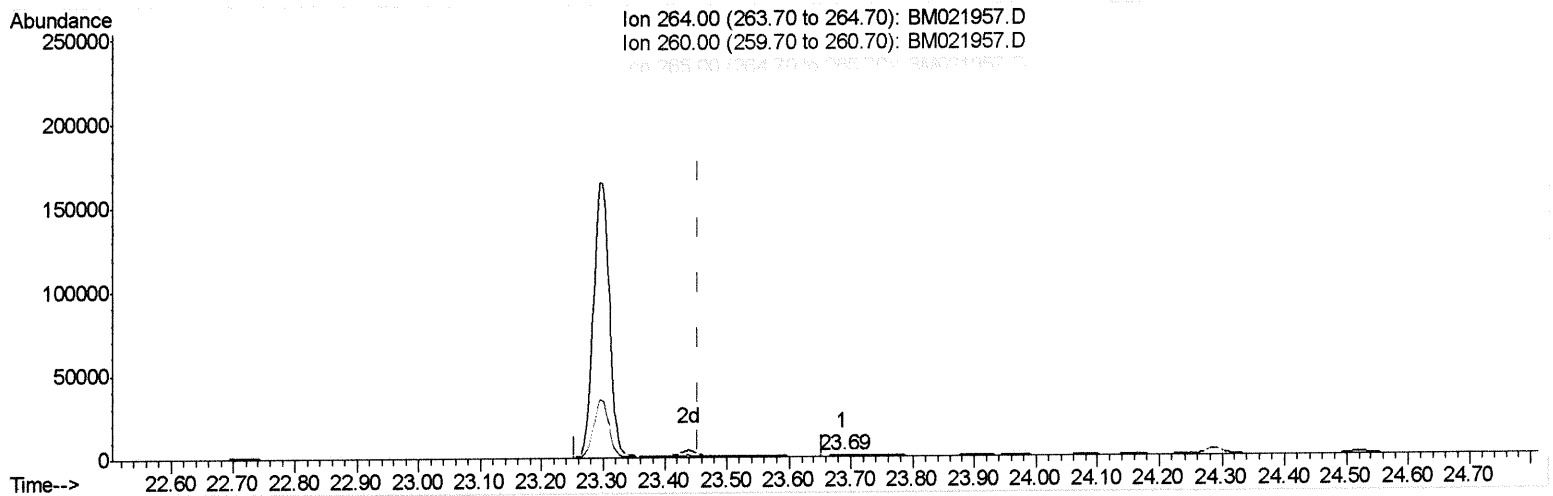
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.687min (+0.233) 0.40ng/ul

response 1933

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	32.10
265.00	117.00	598.15#
0.00	0.00	0.00

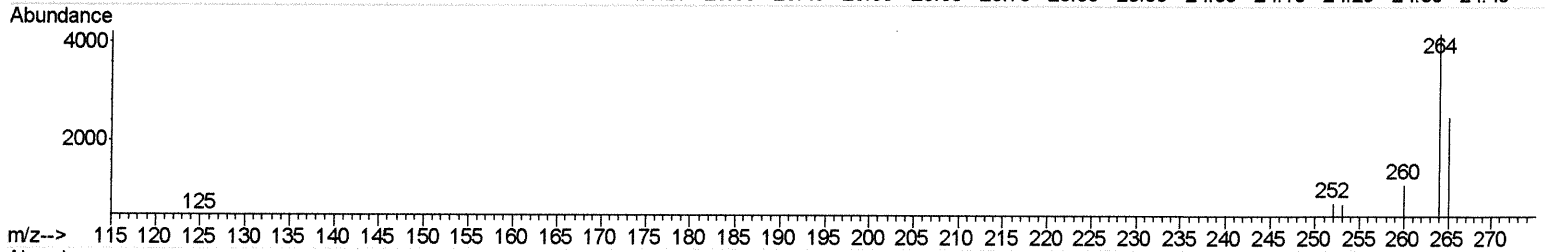
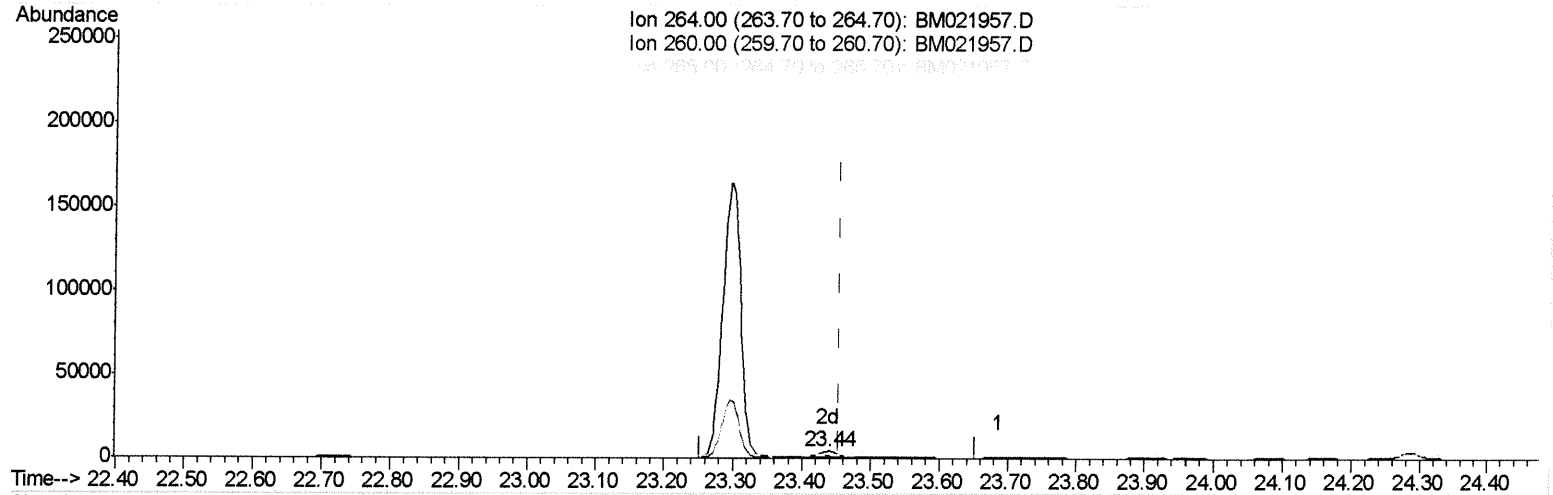
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

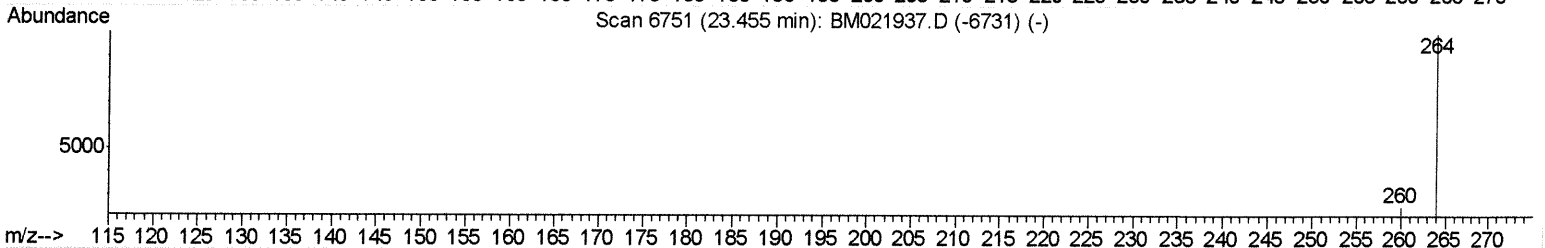
Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 6751 (23.455 min): BM021937.D (-6731) (-)



TIC: BM021957.D

(20) Perylene-d12 (I)

23.438min (-0.017) 0.40ng/ul m

JU
08/09/19

response 6480

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.66
265.00	117.00	59.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

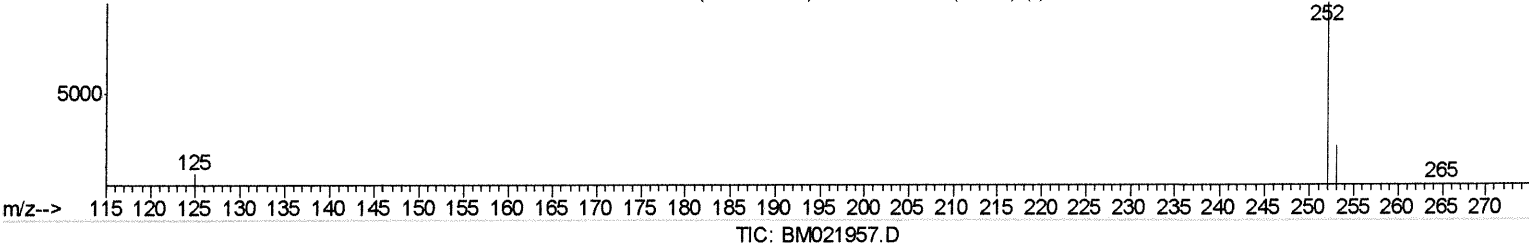
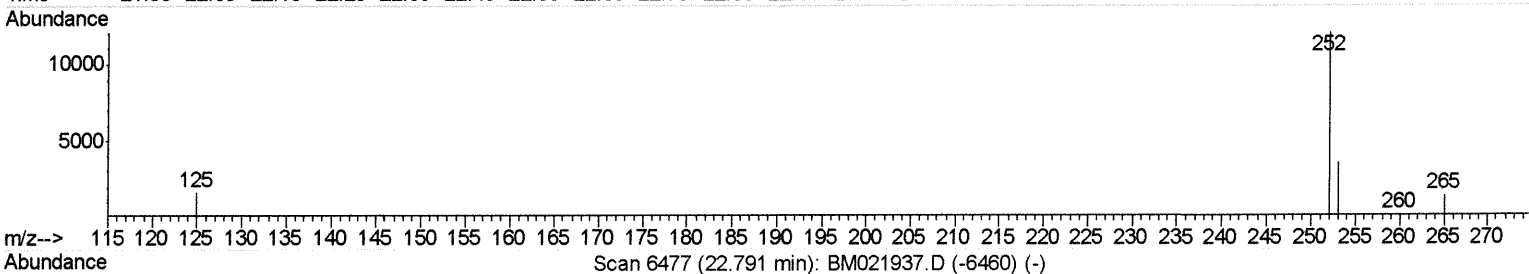
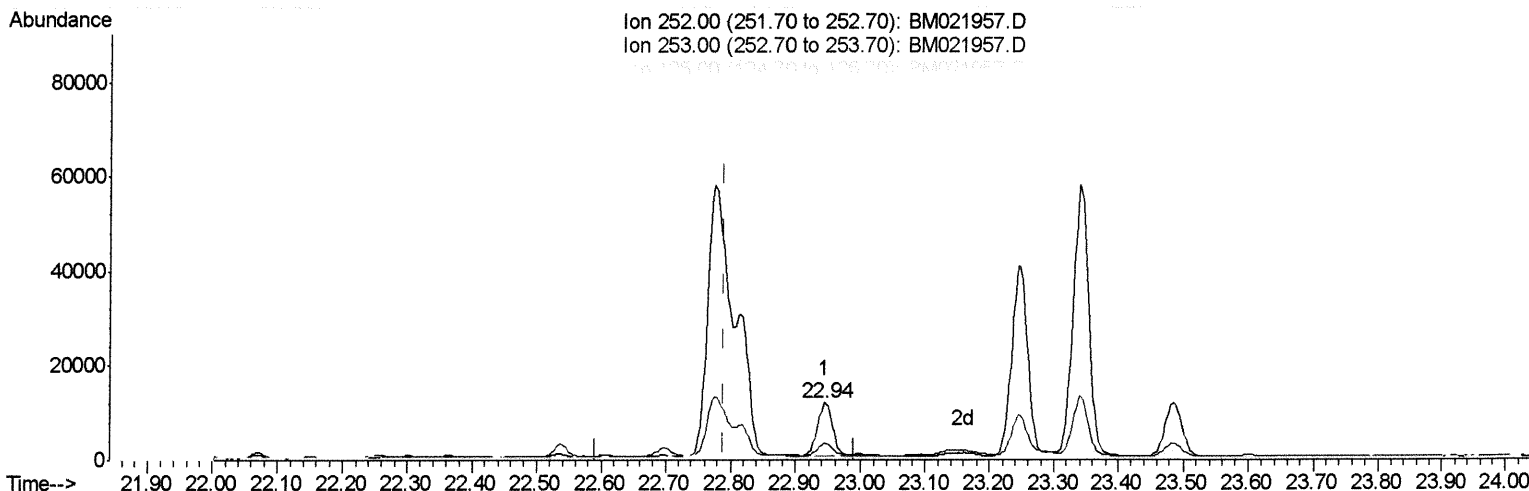
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENQ6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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
 22.944min (+0.153) 0.90ng/ul
 response 19688

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.76
125.00	15.50	13.83
0.00	0.00	0.00

Quantitation Report (Qedit)

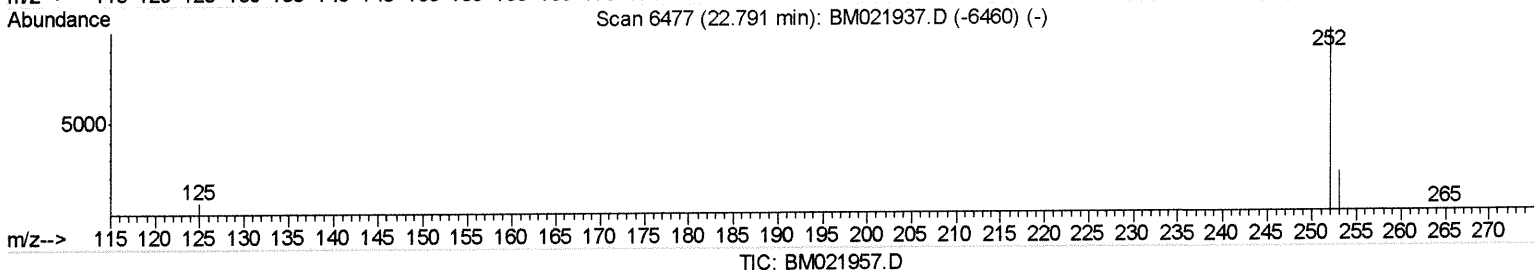
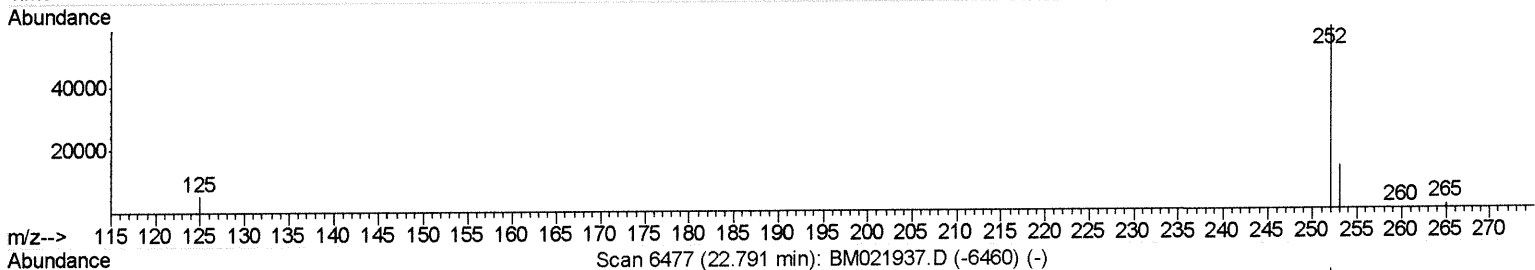
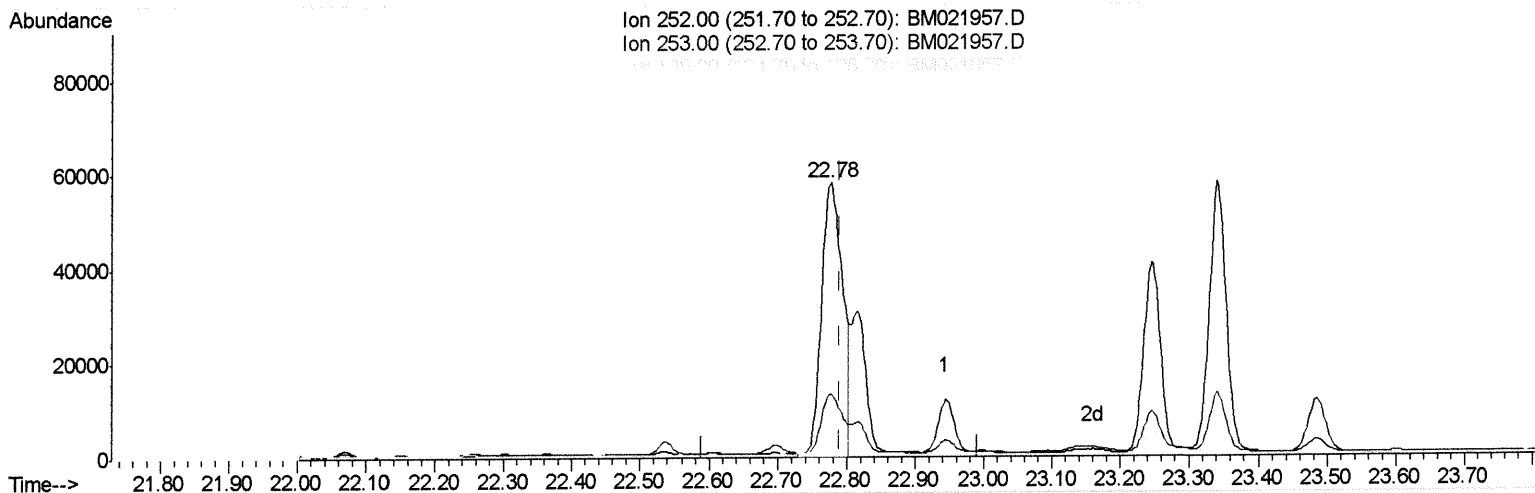
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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) 5.68ng/ul m *JU 8/10/19*

response 124170

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.28
125.00	15.50	8.94
0.00	0.00	0.00

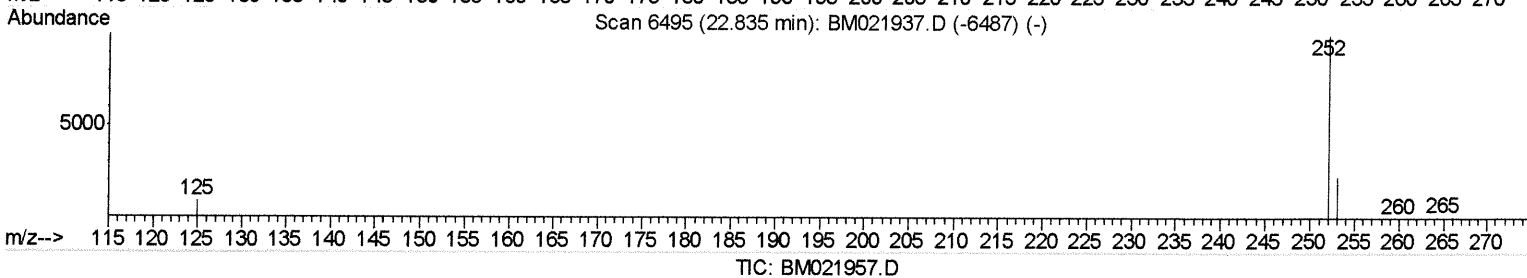
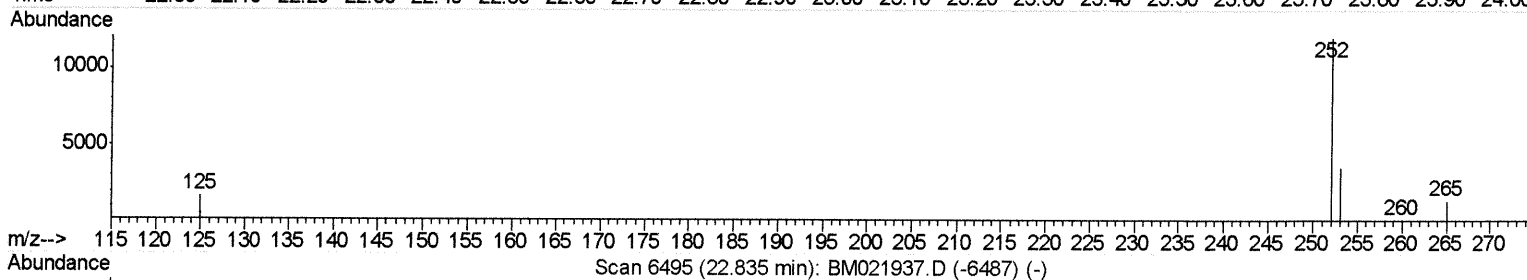
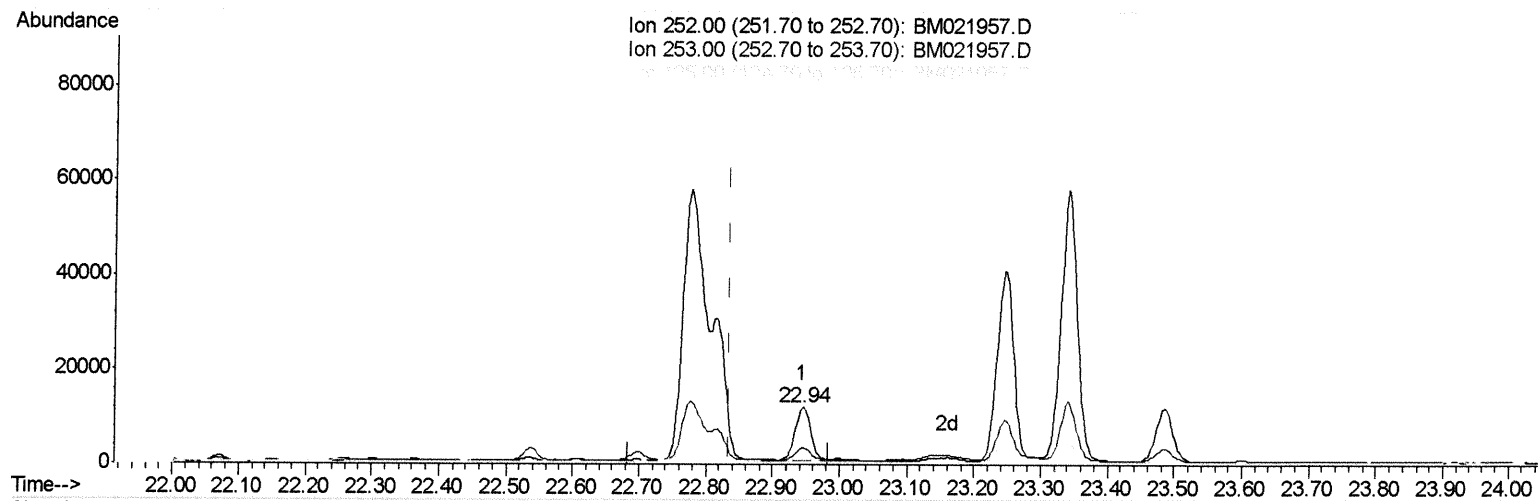
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

22.944min (+0.109) 0.79ng/ui

response 19549

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.76
125.00	15.20	13.83
0.00	0.00	0.00

Quantitation Report (Qedit)

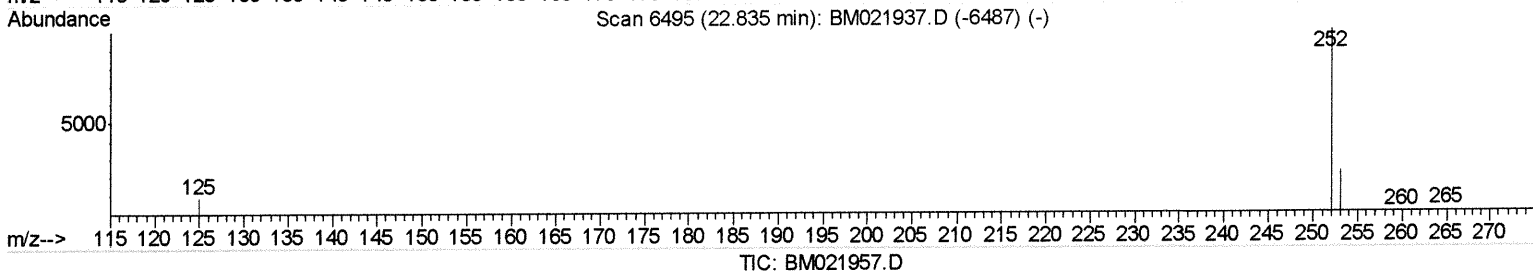
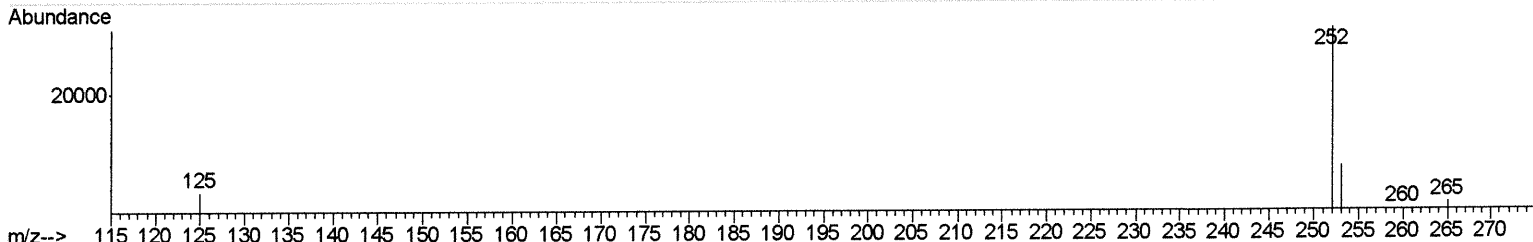
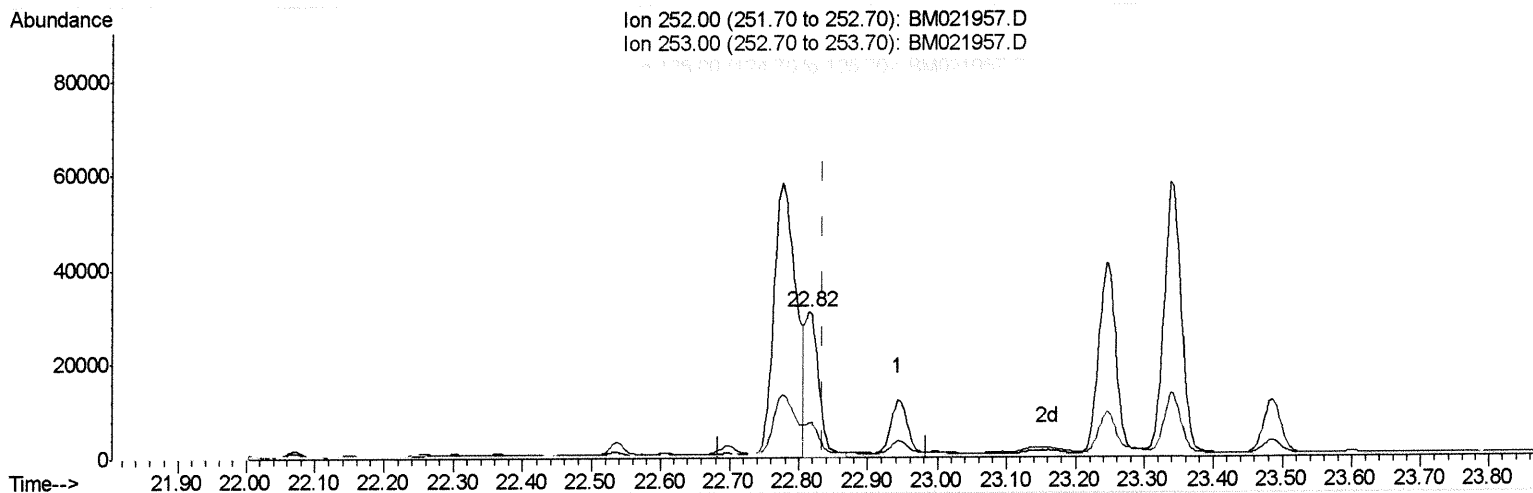
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

22.815min (-0.019) 1.81ng/ul m *Ju 8/10/19*

response 44736

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.40#
125.00	15.20	10.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

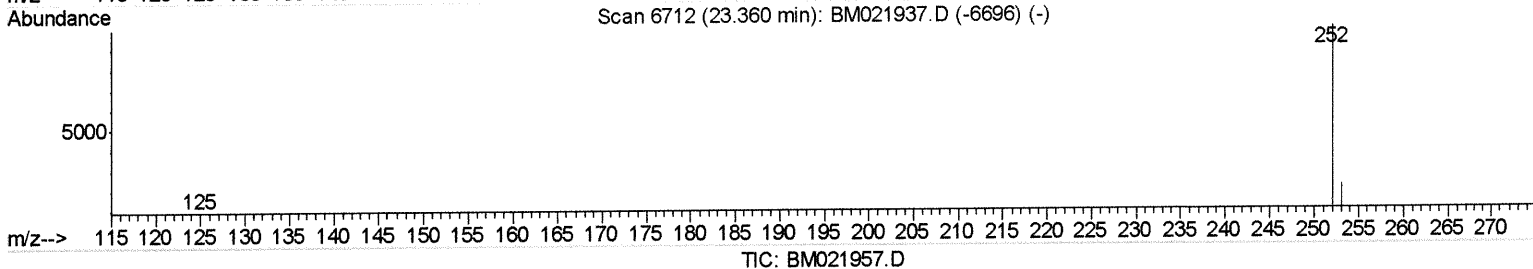
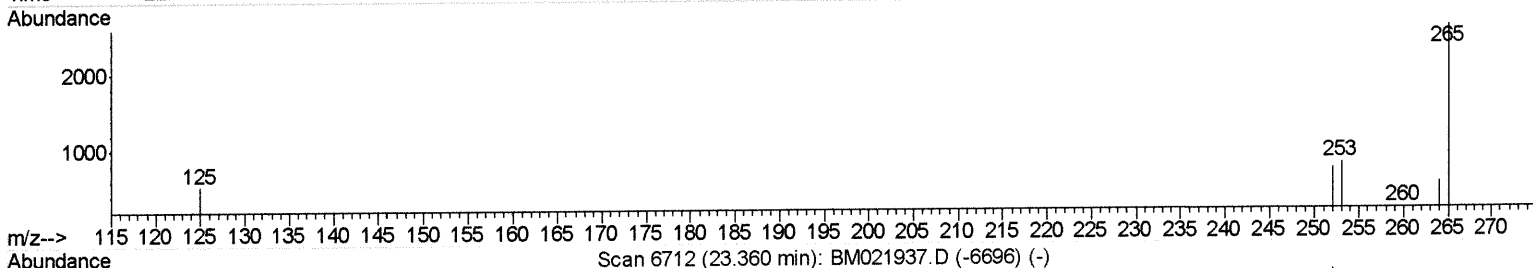
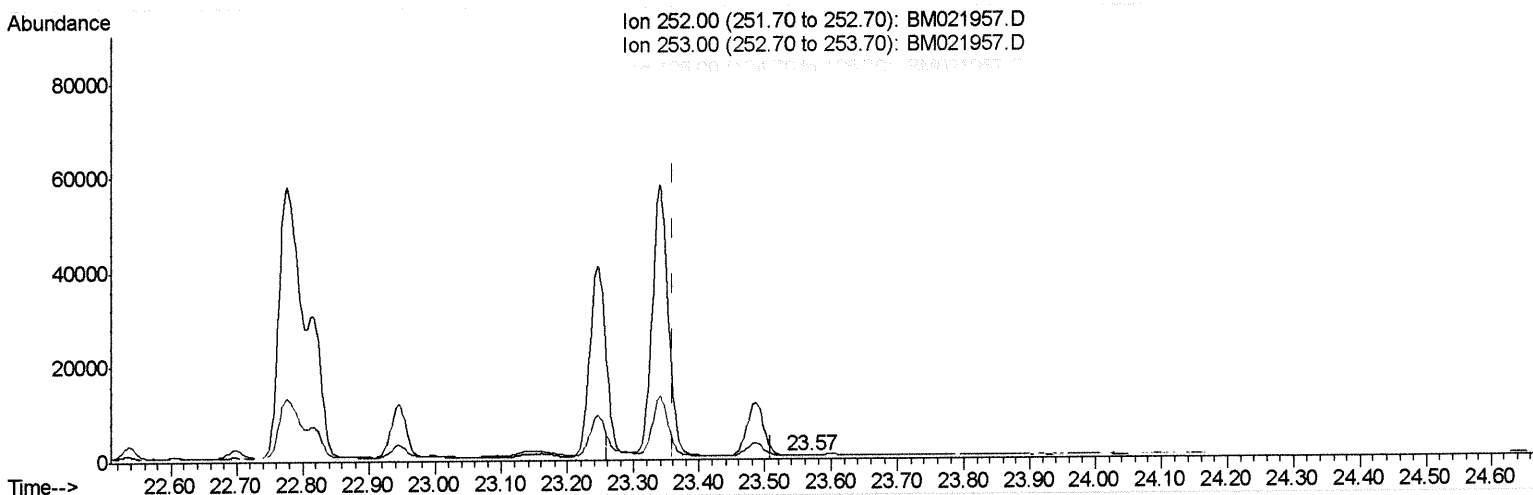
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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)

23.566min (+0.206) 0.02ng/ul

response 482

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	107.39#
125.00	18.20	72.37#
0.00	0.00	0.00

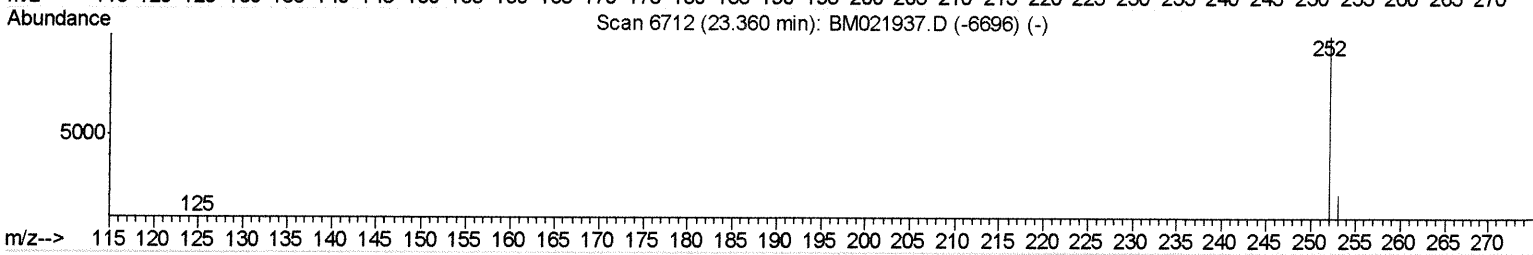
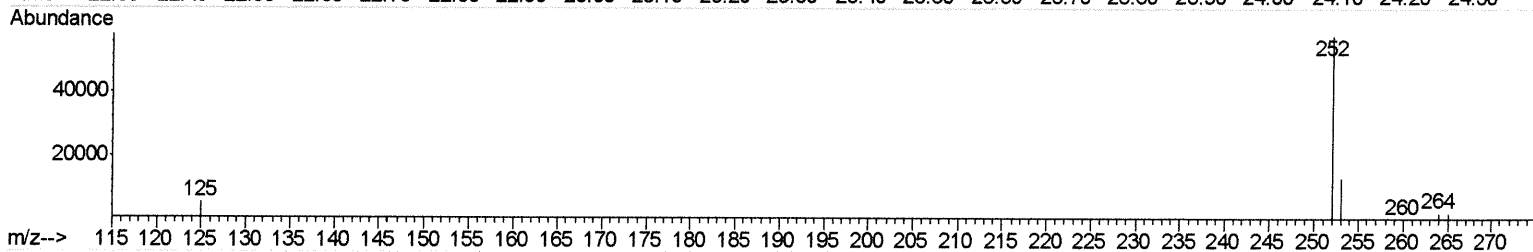
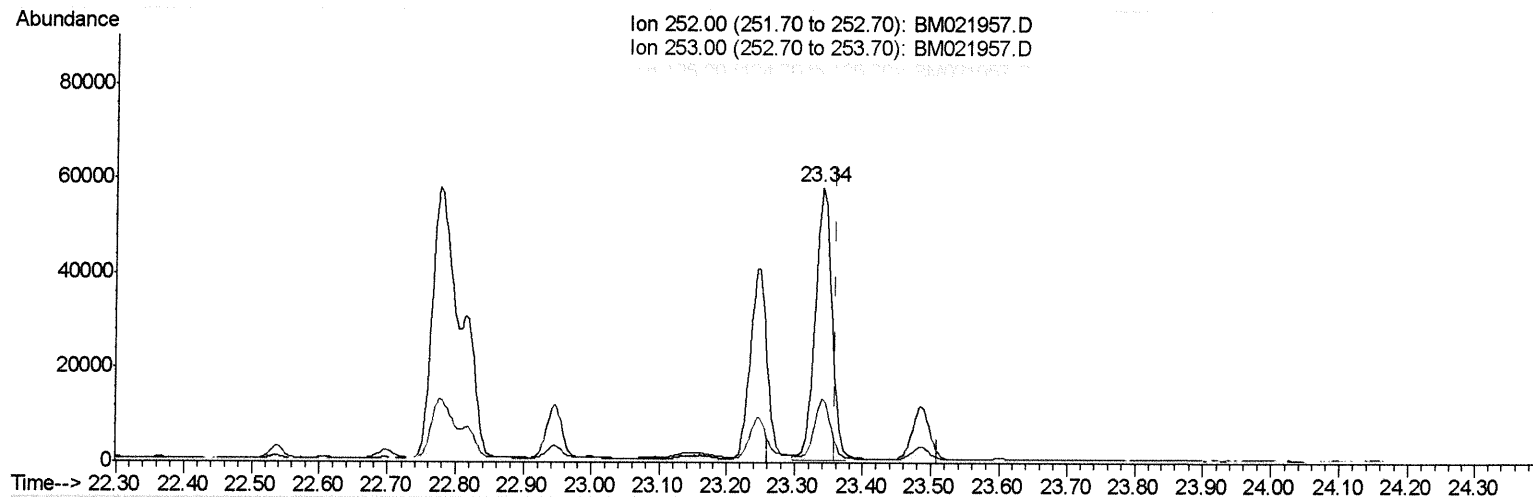
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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



TIC: BM021957.D

(23) Benzo(a)pyrene (C)

23.338min (-0.022) 4.49ng/ul m

JU 8/10/19

response 99748

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.01#
125.00	18.20	9.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

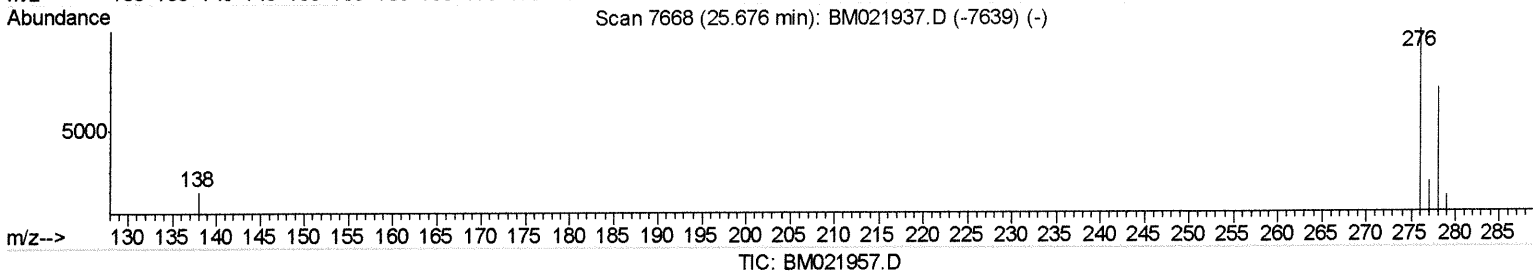
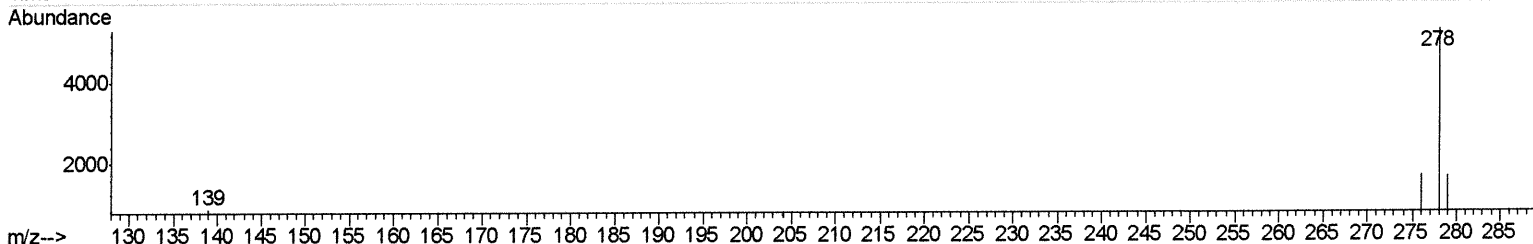
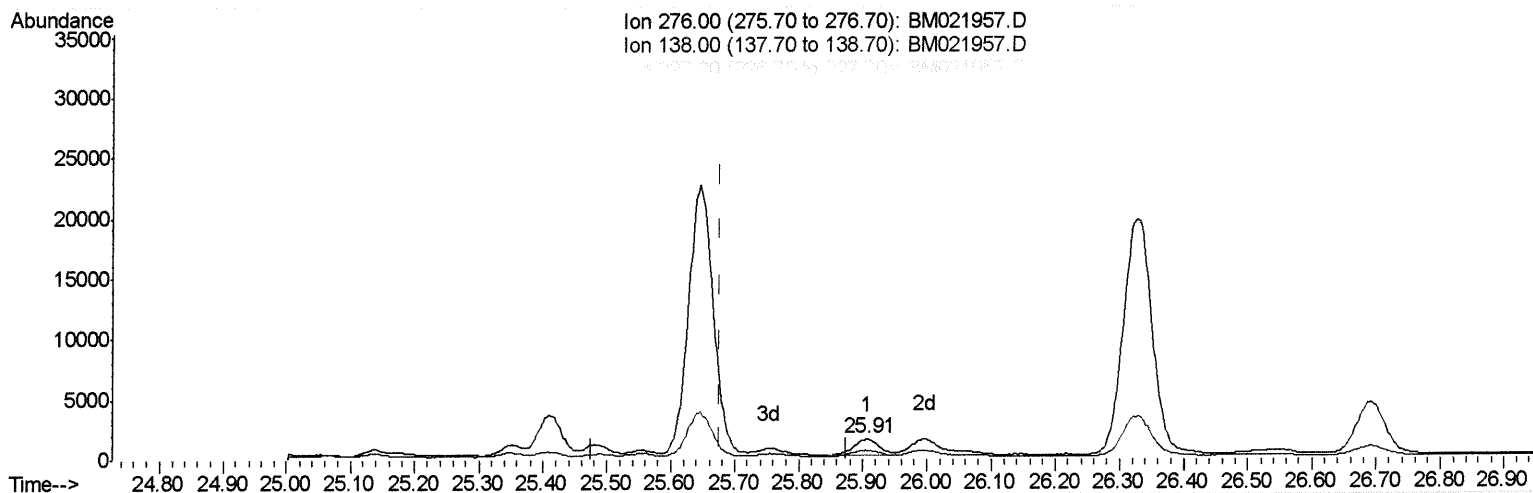
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

25.907min (+0.230) 0.14ng/ul

response 3672

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	41.94#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

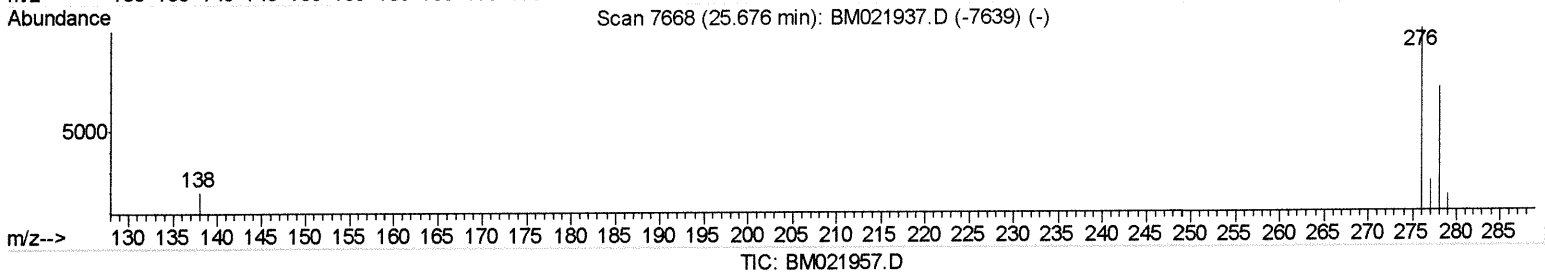
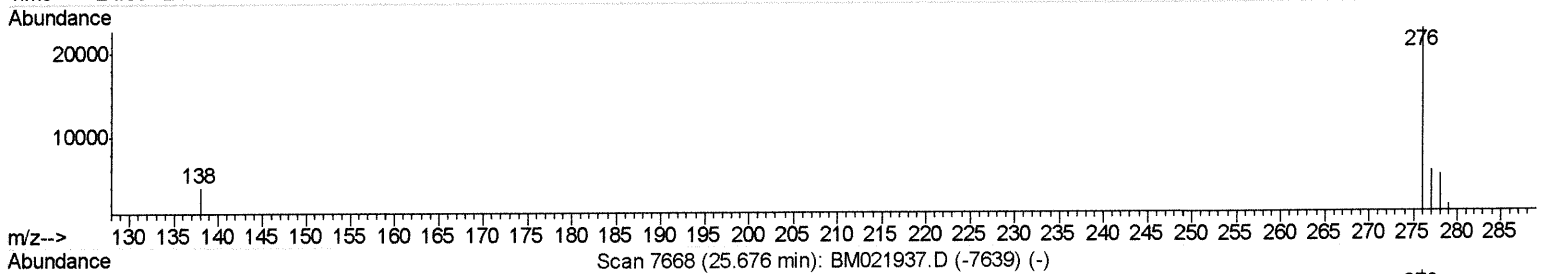
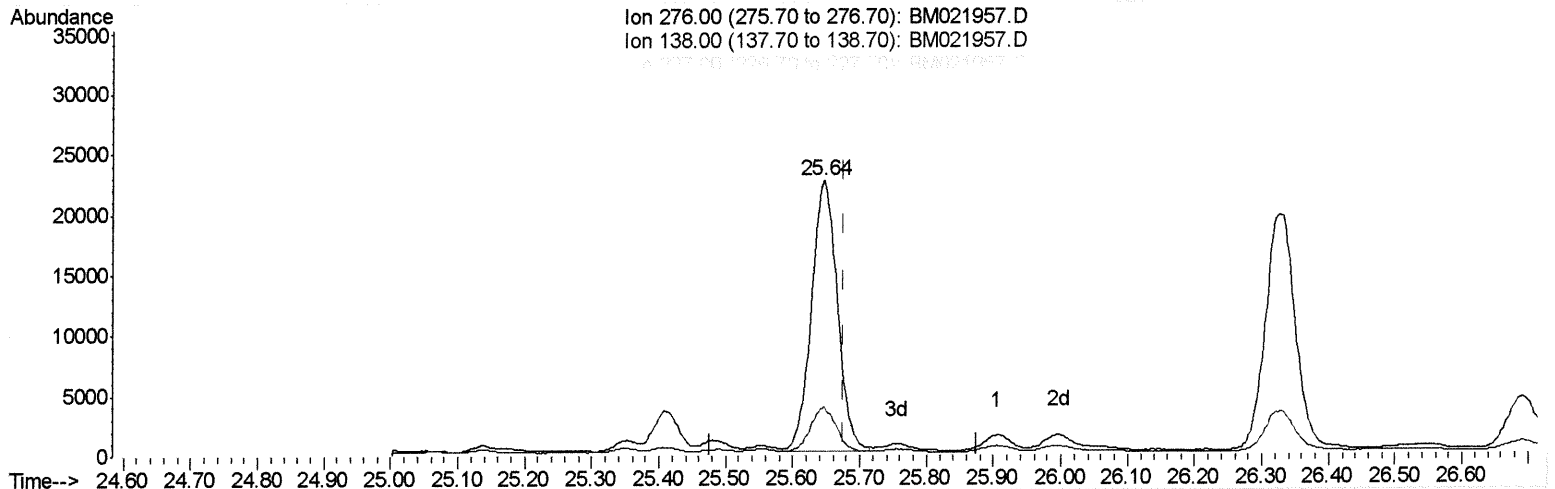
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BENQ6

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

25.645min (-0.032) 2.29ng/ul m *JU 08/09/19*

response 60766

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.53#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

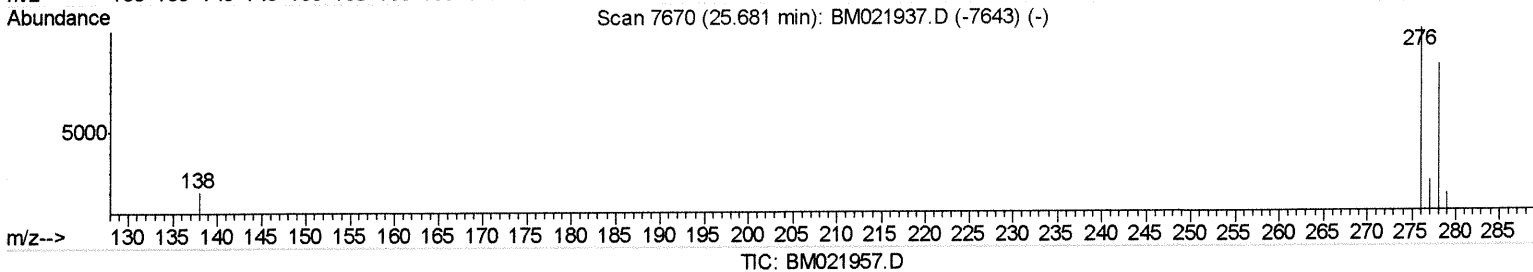
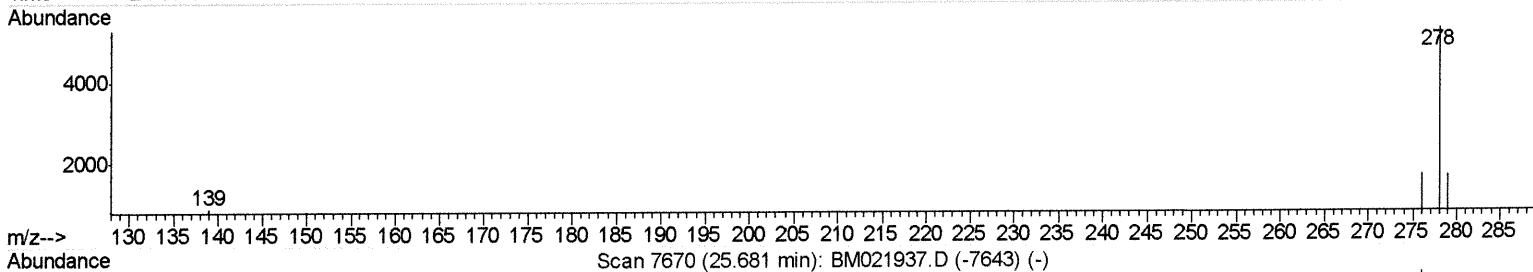
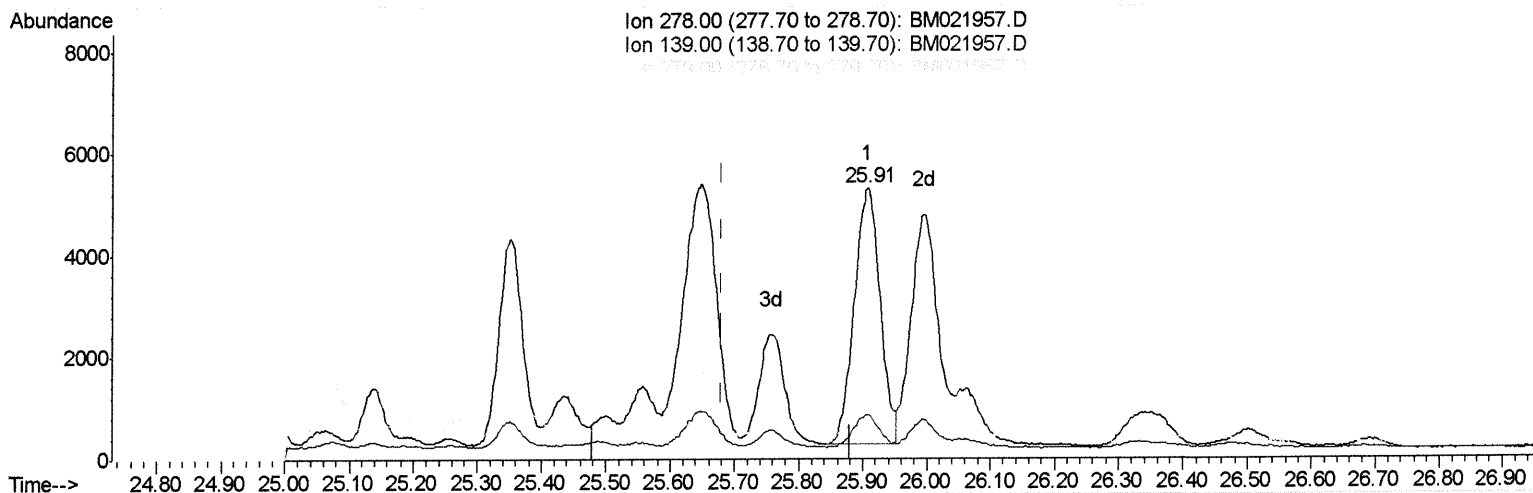
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

25.907min (+0.225) 0.66ng/ul

response 14129

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	16.15
279.00	35.40	30.97
0.00	0.00	0.00

Quantitation Report (Qedit)

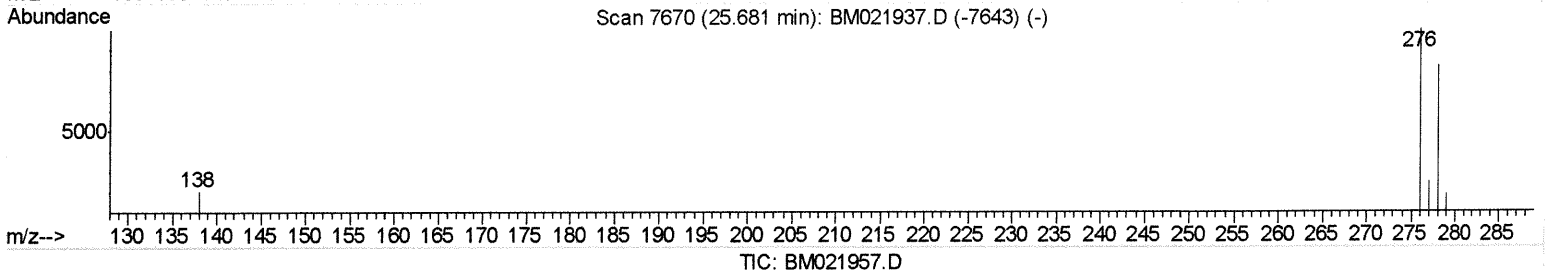
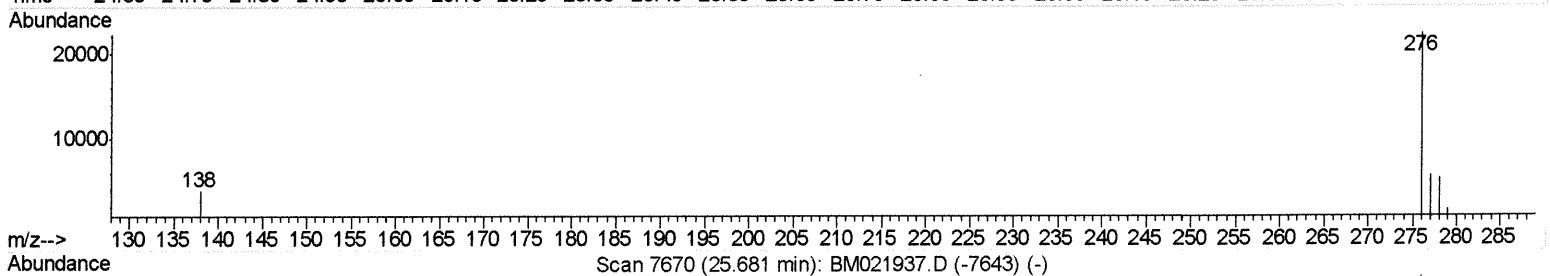
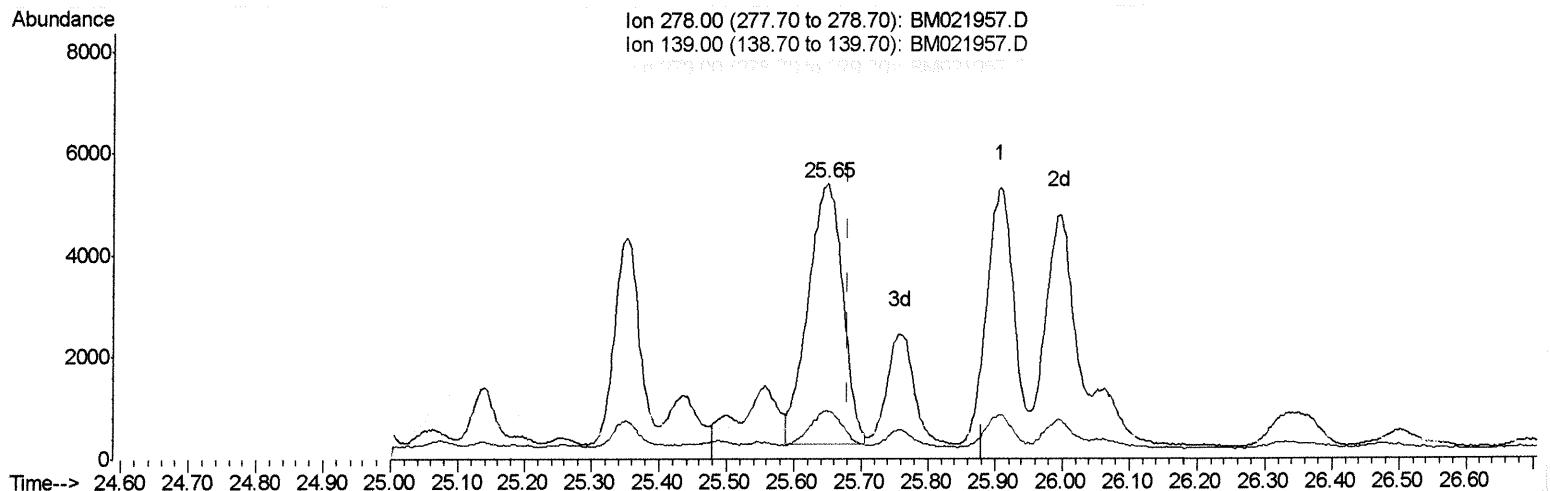
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

25.647min (-0.034) 0.86ng/ul m JU 08/09/19

response 18406

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.60
279.00	35.40	31.89
0.00	0.00	0.00

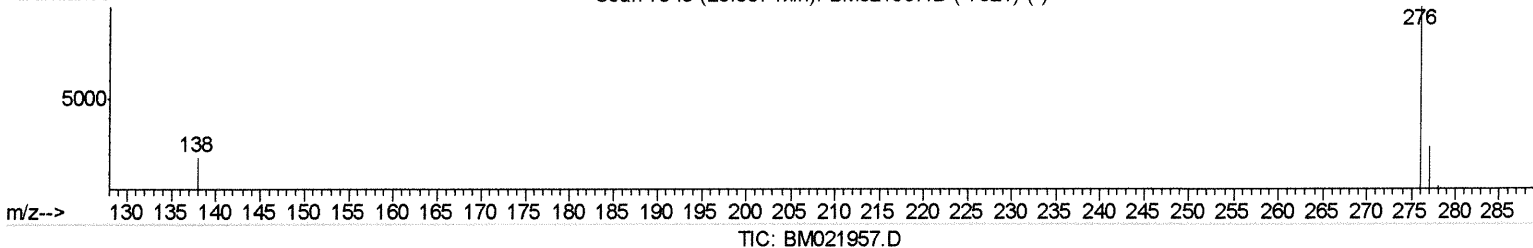
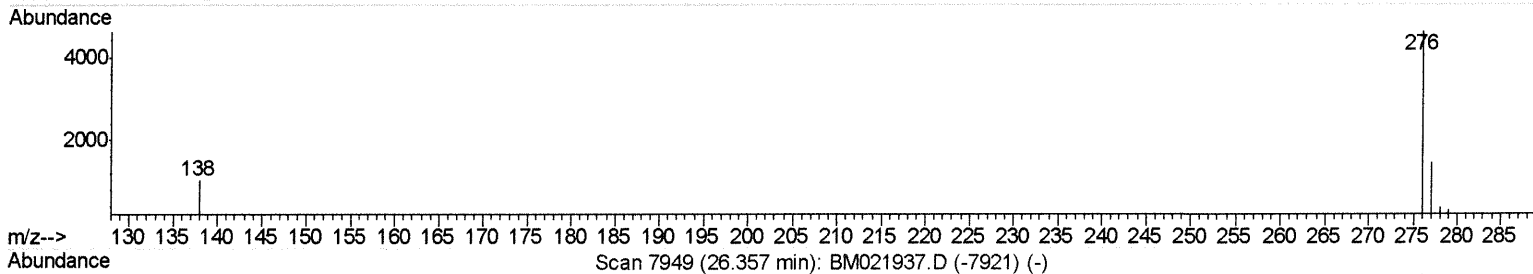
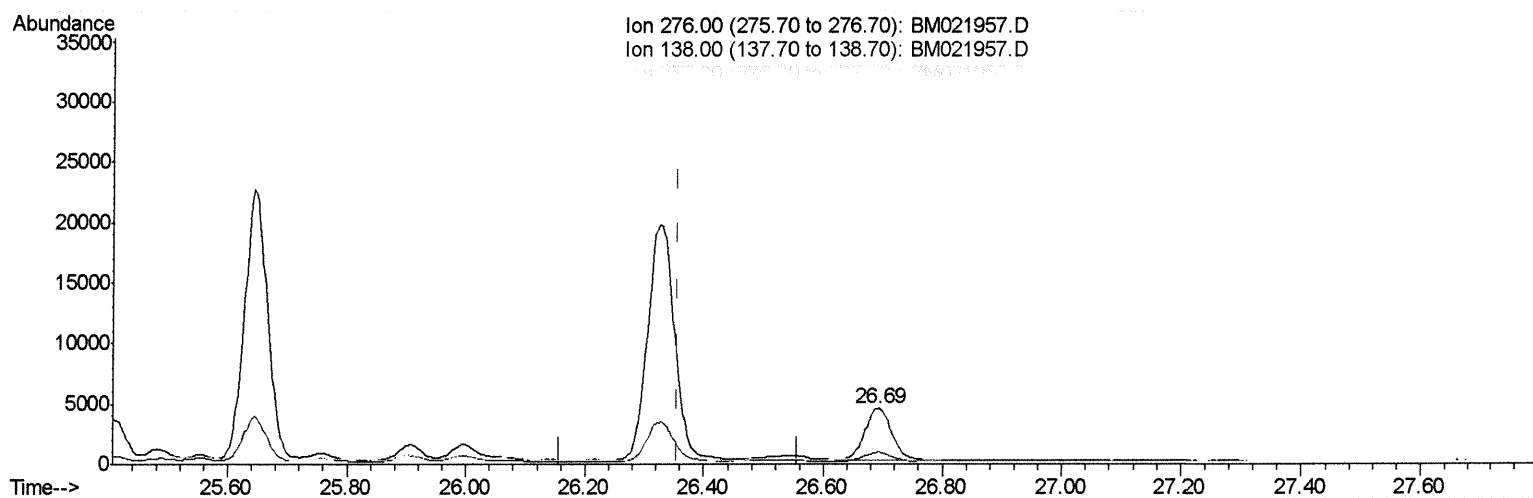
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021957.D
Acq On : 09 Aug 2019 06:52
Operator : HP/JU
Sample : K4028-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6

Manual Integrations
APPROVED

Sohil
8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

26.692min (+0.334) 0.58ng/ul

response 13844

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	22.25
277.00	26.80	31.80
0.00	0.00	0.00

Quantitation Report (Qedit)

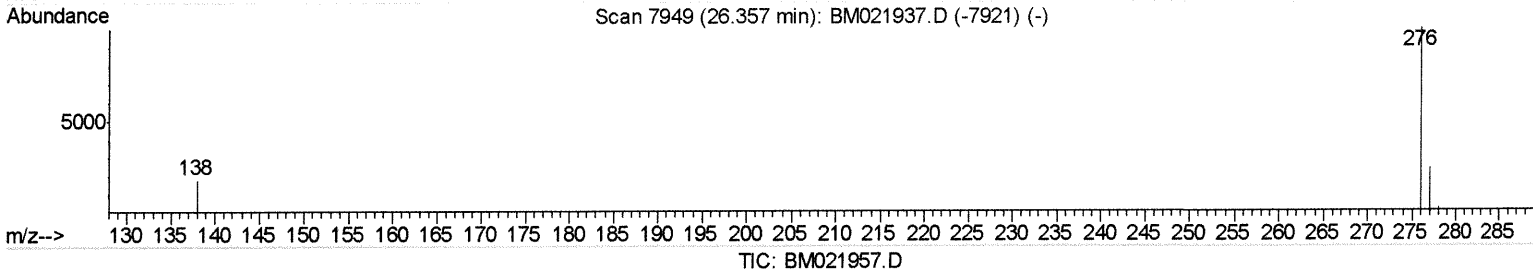
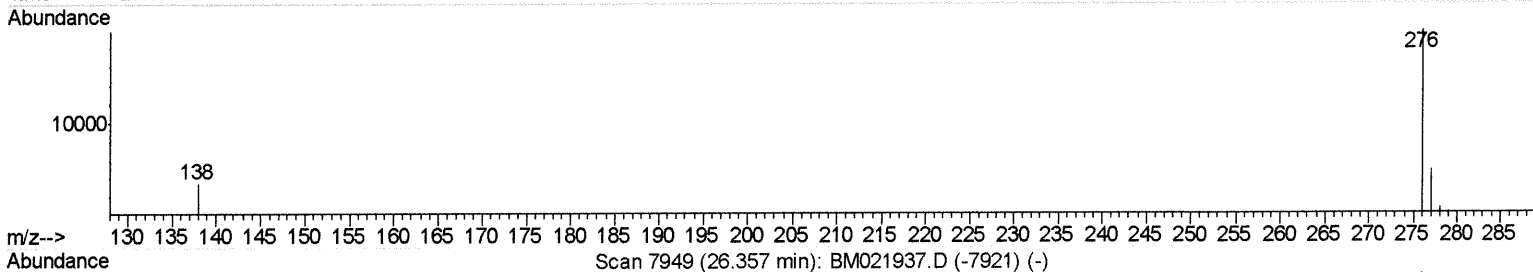
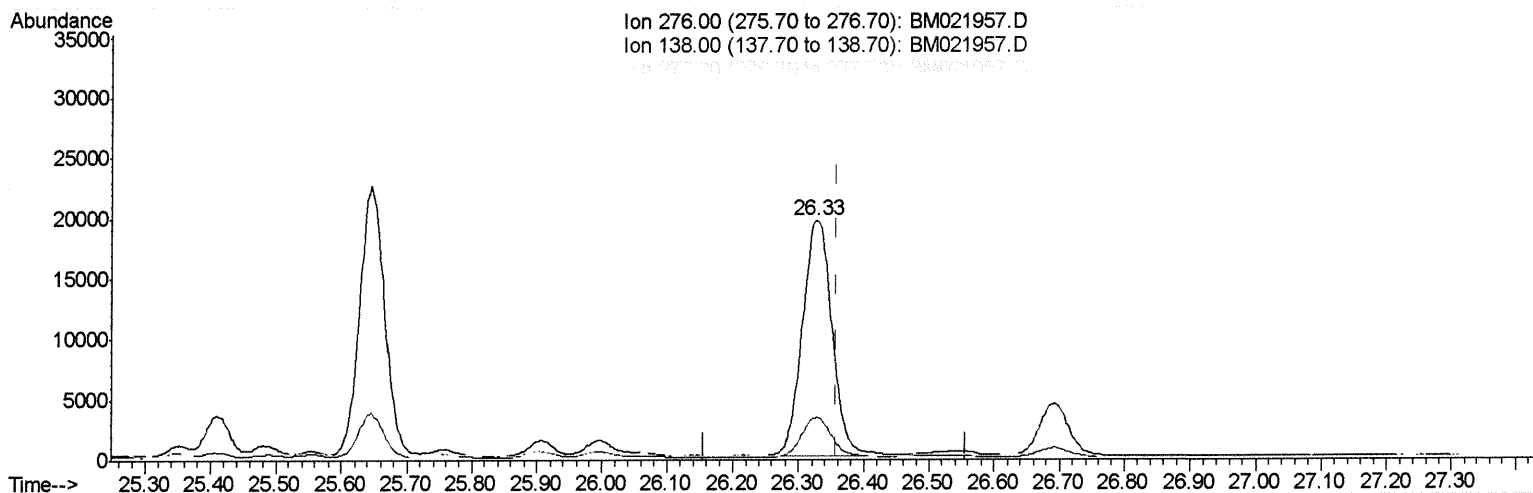
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:30:42 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

26.326min (-0.031) 2.60ng/ul m *Ju 09/19*

response 62120

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.48
277.00	26.80	24.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:35:06 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	1109	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4900	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2750	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	6570m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6271m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6480m	0.40	ng/ul	-0.02

JU
 08/09/19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	1168	0.14	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3662m	0.17	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	1669	0.121	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1043	0.113	ng/ul	96
7) Acenaphthylene	13.99	152	5916	0.461	ng/ul#	83
8) Acenaphthene	14.33	153	2197	0.209	ng/ul	97
9) Fluorene	15.33	166	2921	0.251	ng/ul	98
12) Phenanthrene	17.07	178	69239m	3.622	ng/ul	99
13) Anthracene	17.16	178	16399m	1.006	ng/ul	99
15) Fluoranthene	19.09	202	153675m	6.001	ng/ul	99
17) Pyrene	19.45	202	178774	6.937	ng/ul	99
18) Benzo(a)anthracene	21.21	228	109663m	4.889	ng/ul	99
19) Chrysene	21.26	228	114538	3.970	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	124170m	5.682	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	44736m	1.809	ng/ul	99
23) Benzo(a)pyrene	23.34	252	99748m	4.489	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.64	276	60766m	2.290	ng/ul	99
25) Dibenzo(a,h)anthracene	25.65	278	18406m	0.858	ng/ul	99
26) Benzo(g,h,i)perylene	26.33	276	62120m	2.601	ng/ul	99

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 08/09/19

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