

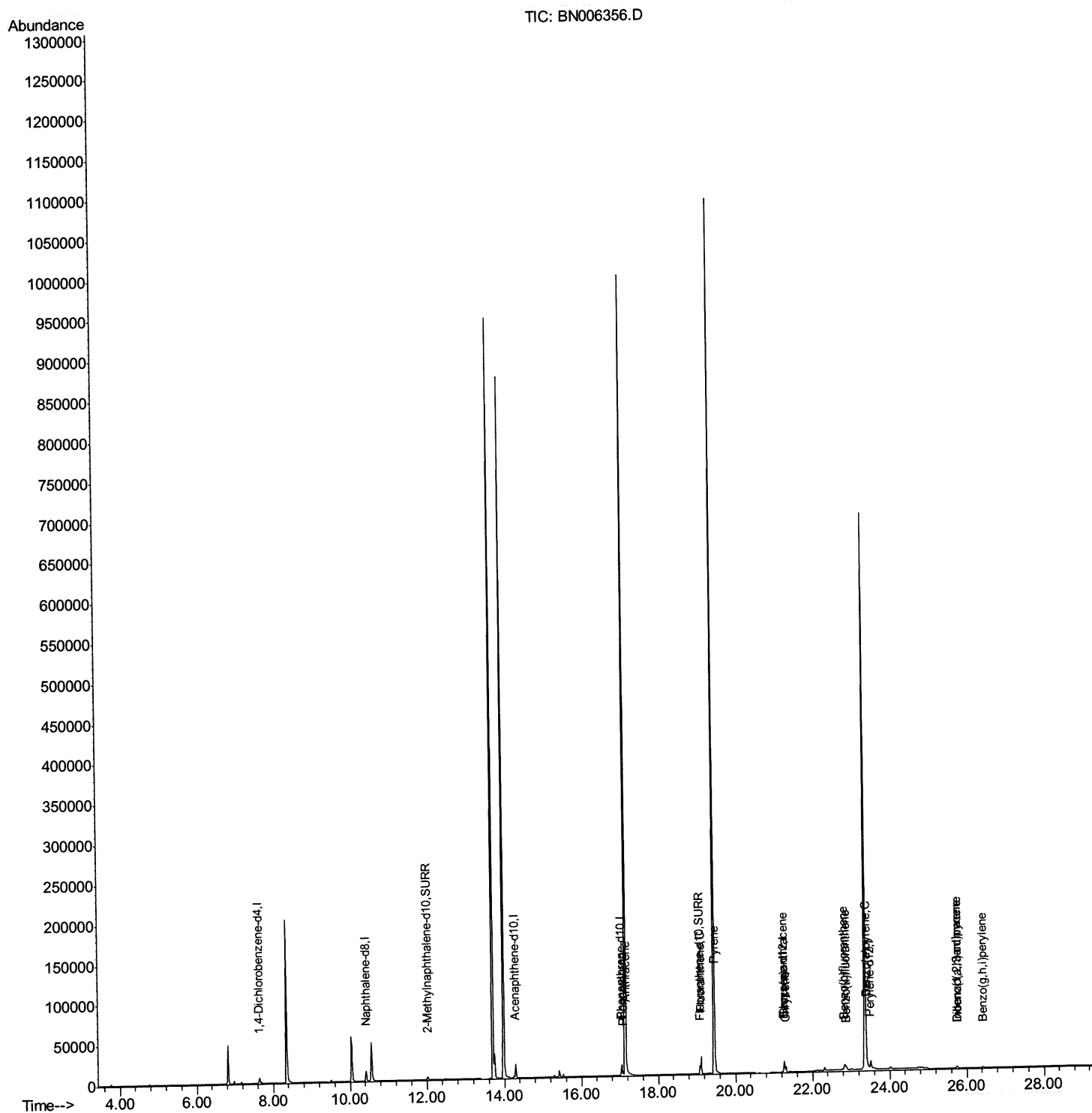
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:48:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

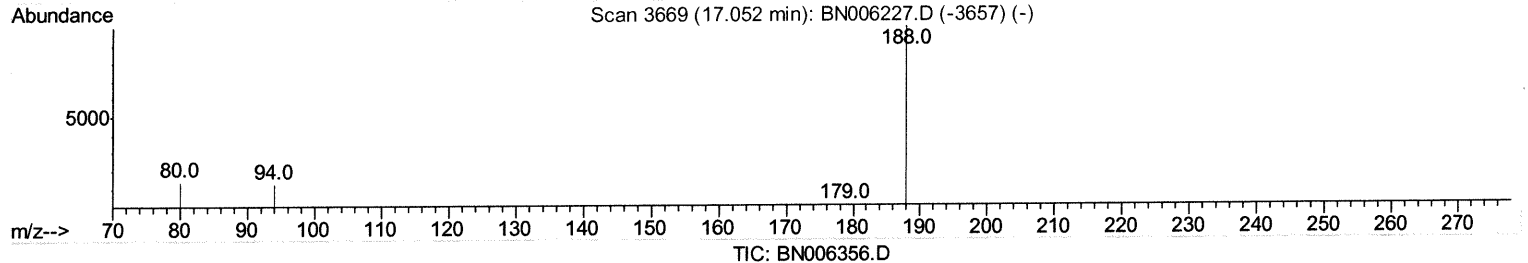
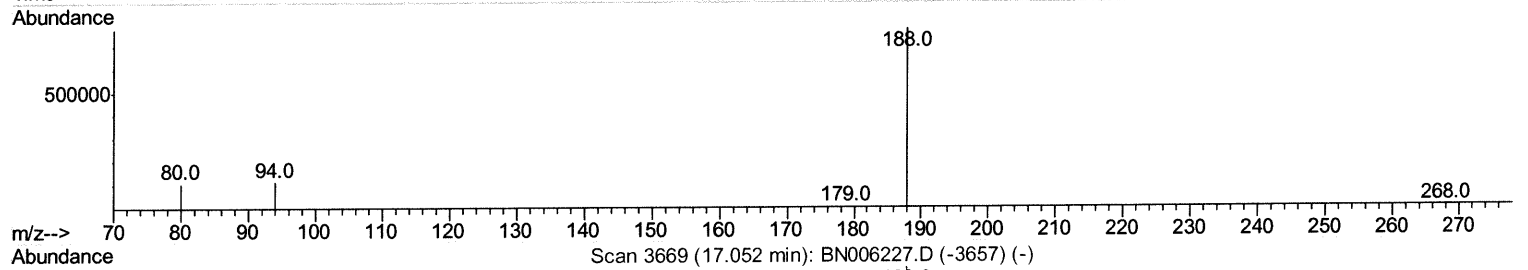
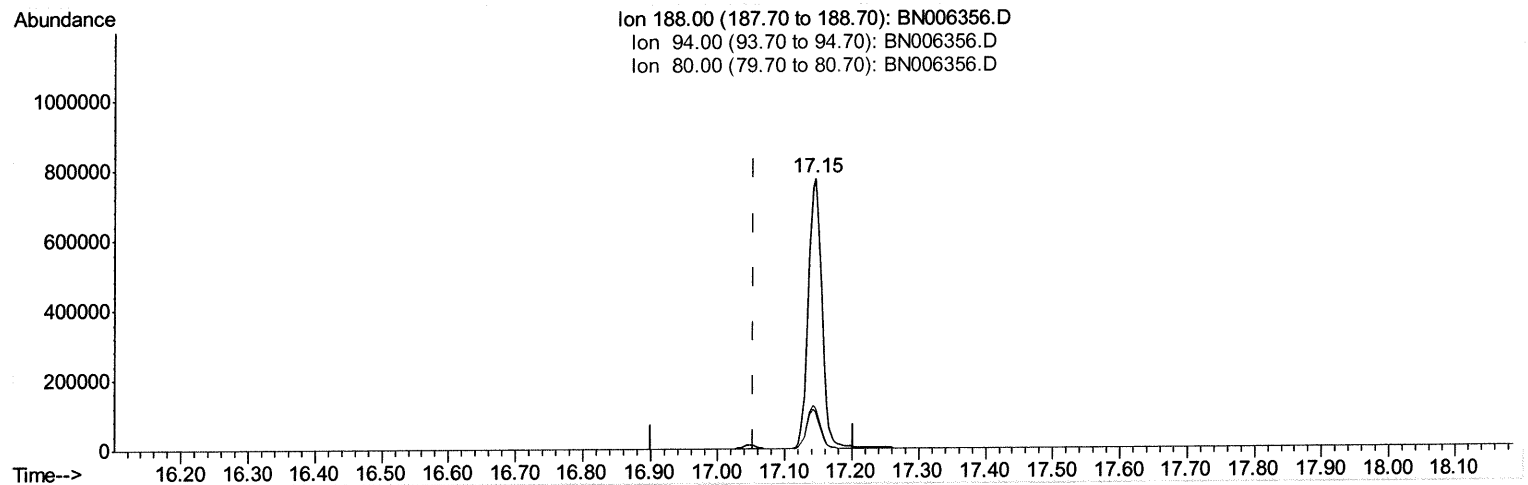
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 01:51:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 1081104

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.08
80.00	13.60	13.73
0.00	0.00	0.00

Quantitation Report (Qedit)

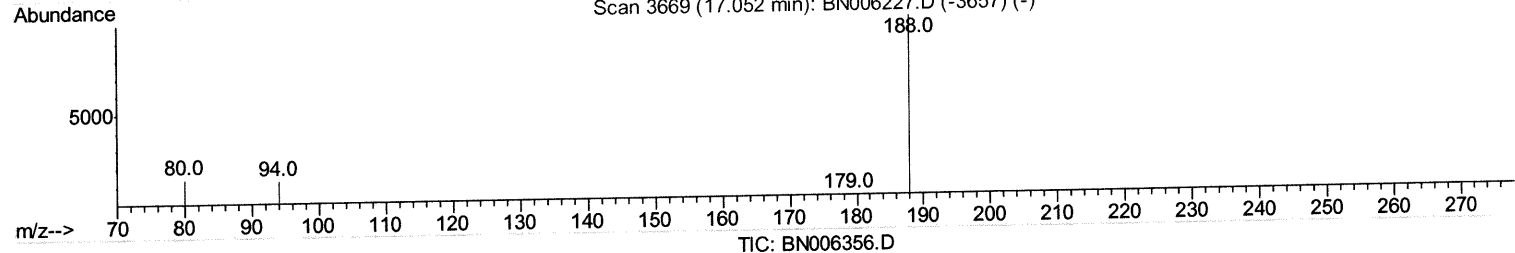
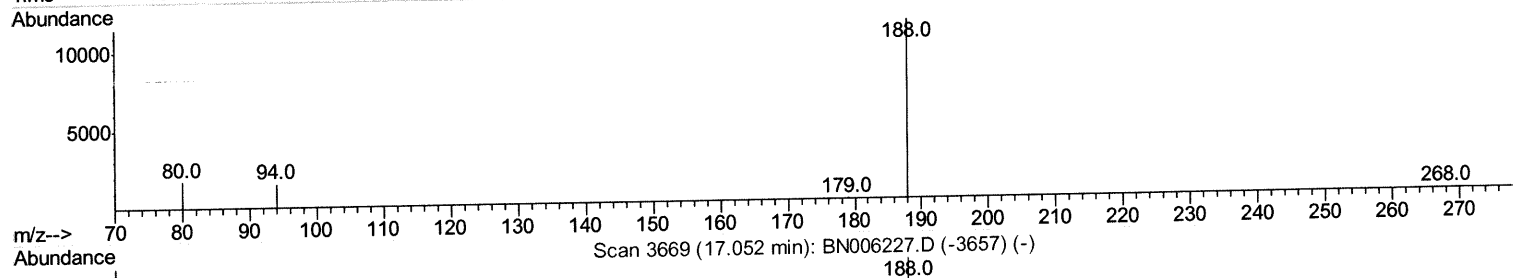
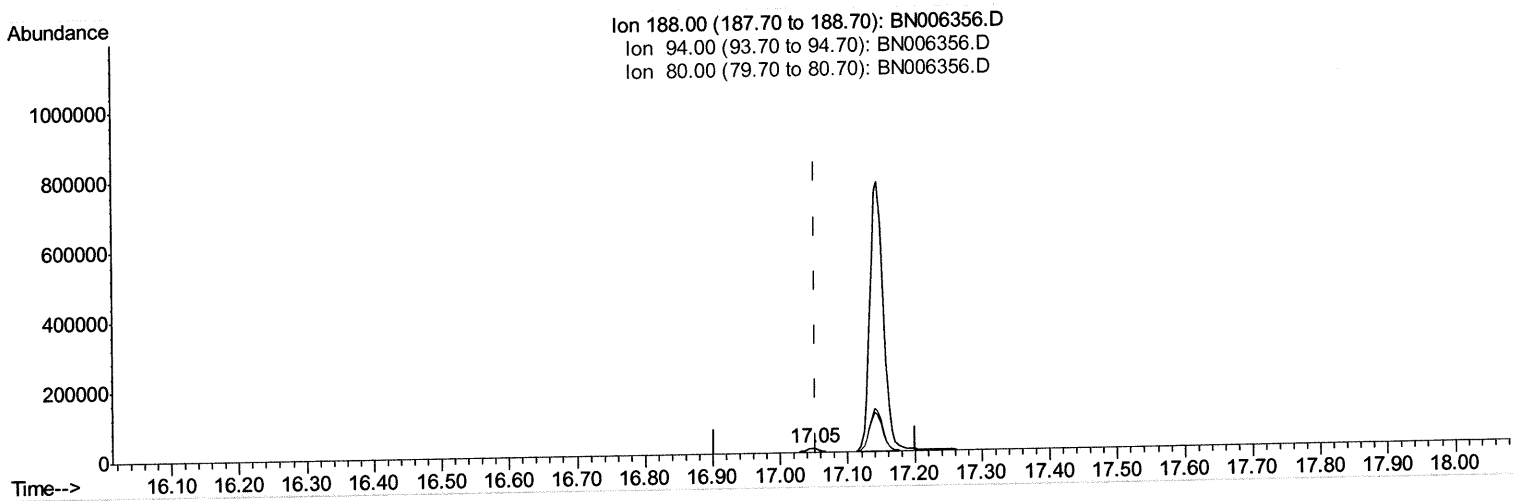
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 01:51:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m

JU
 06/18/19

response 16660

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.69
80.00	13.60	15.24
0.00	0.00	0.00

Quantitation Report (Qedit)

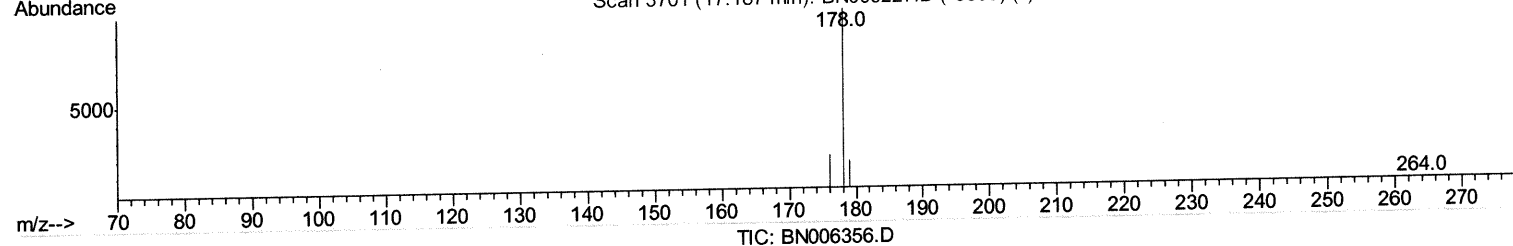
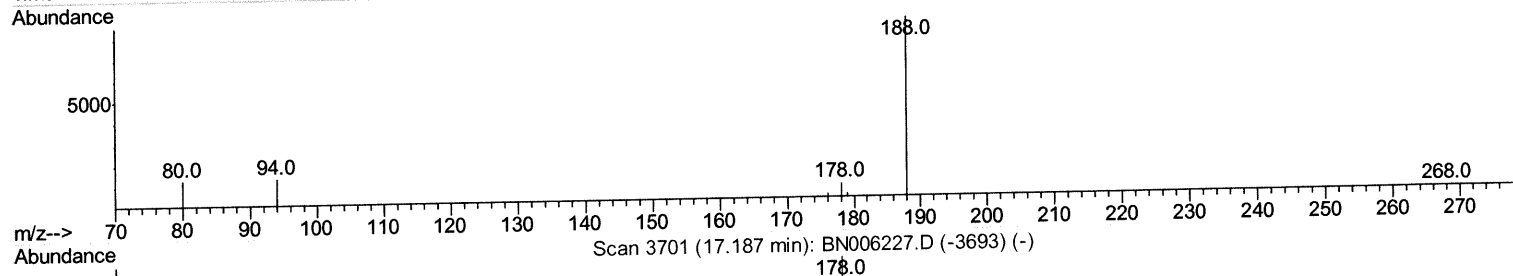
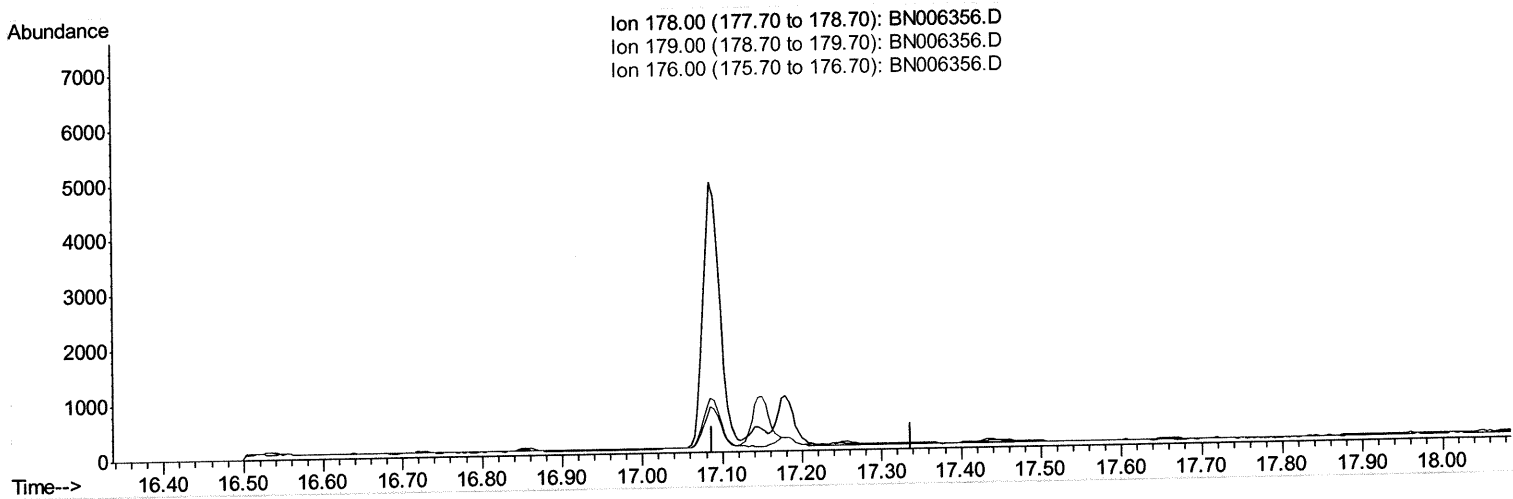
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(13) Anthracene

17.187min (-17.187) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.30	0.00#
176.00	18.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

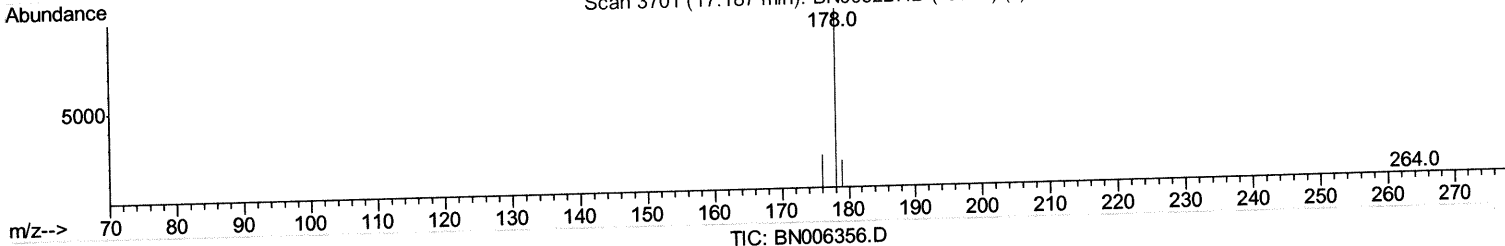
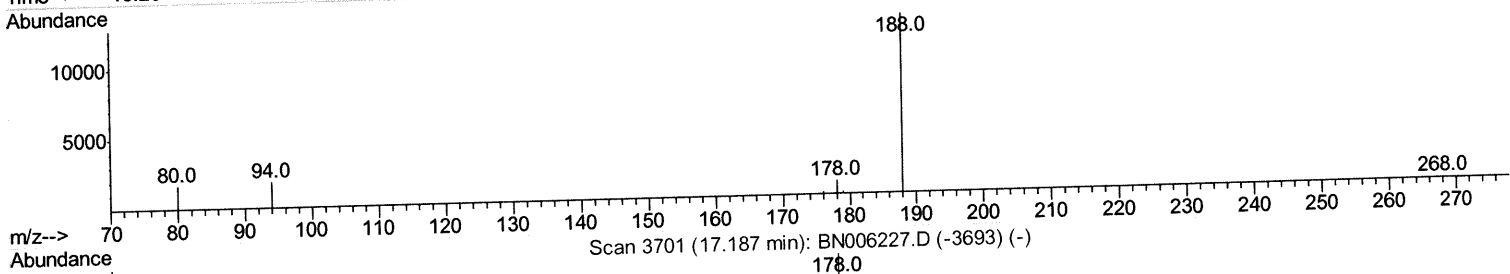
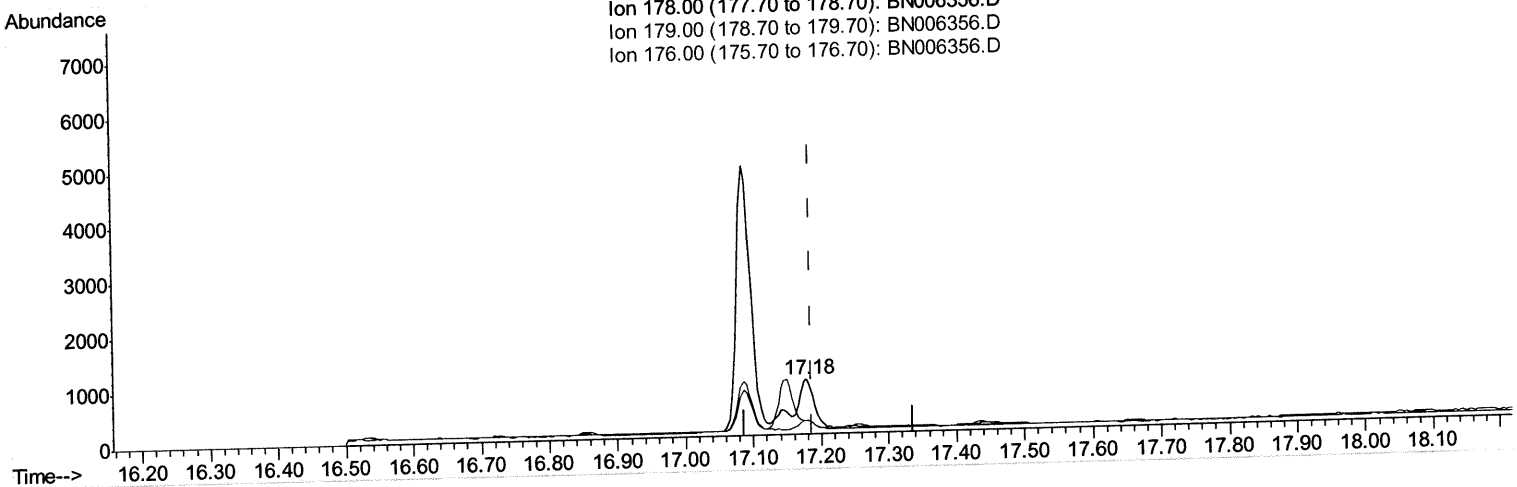
Instrument :
 BNA_N
 ClientSampled :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 178.00 (177.70 to 178.70): BN006356.D
 Ion 179.00 (178.70 to 179.70): BN006356.D
 Ion 176.00 (175.70 to 176.70): BN006356.D



(13) Anthracene

17.179min (-0.009) 0.03ng/ul m *JU 06/18/19*

response 1285

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	24.87#
176.00	18.90	25.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

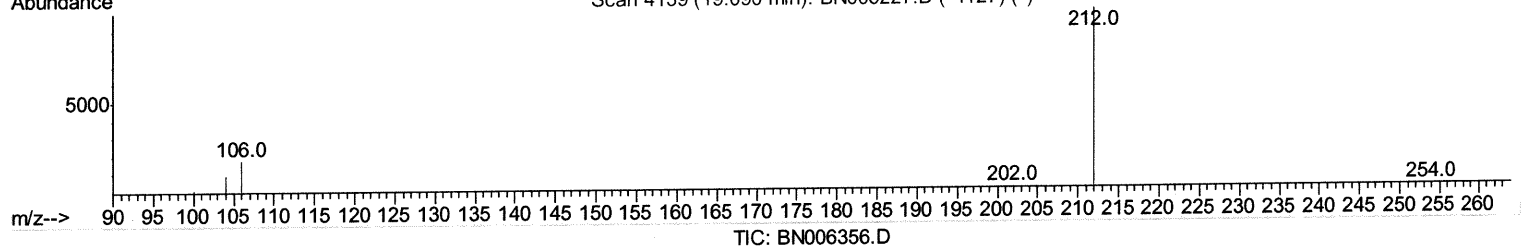
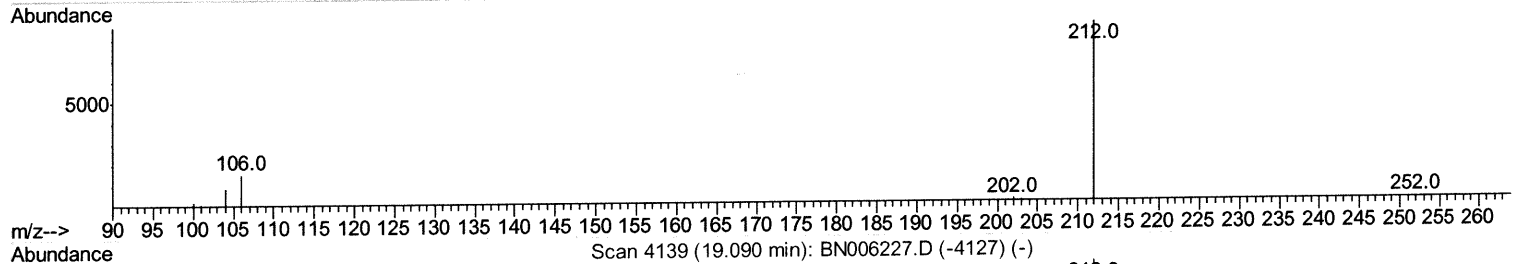
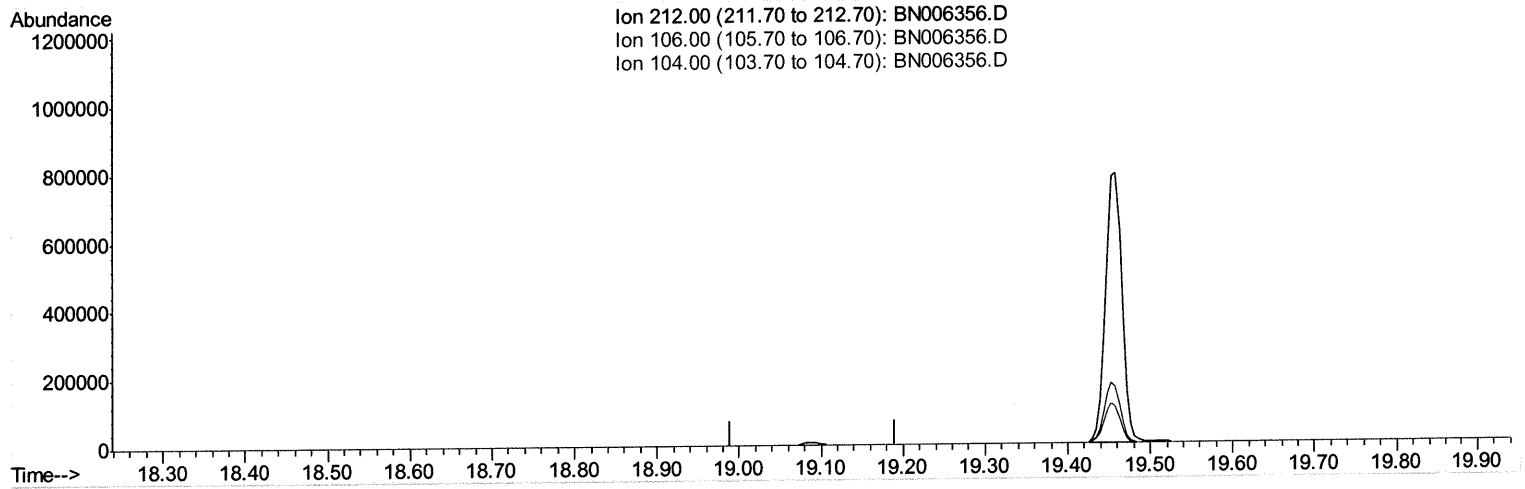
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

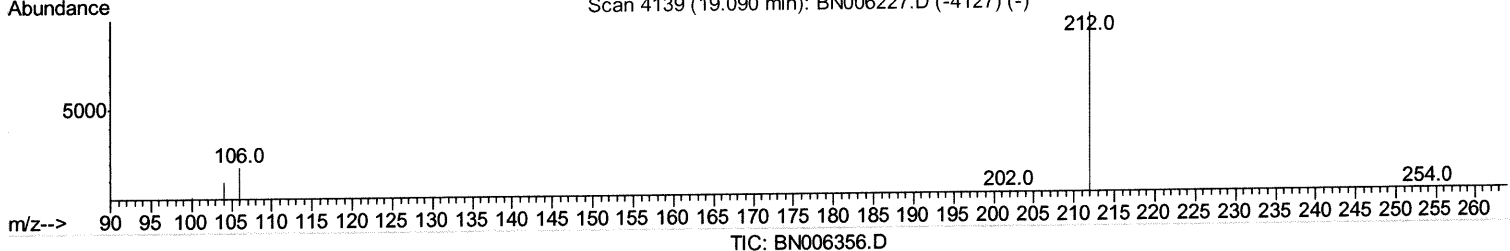
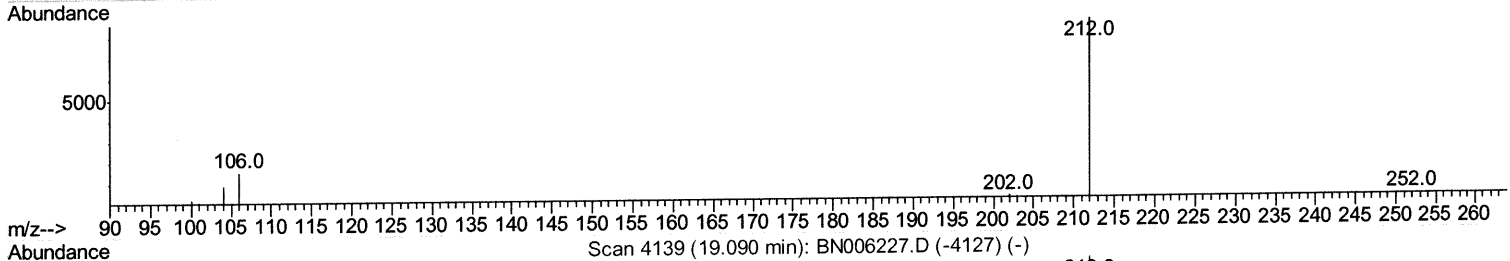
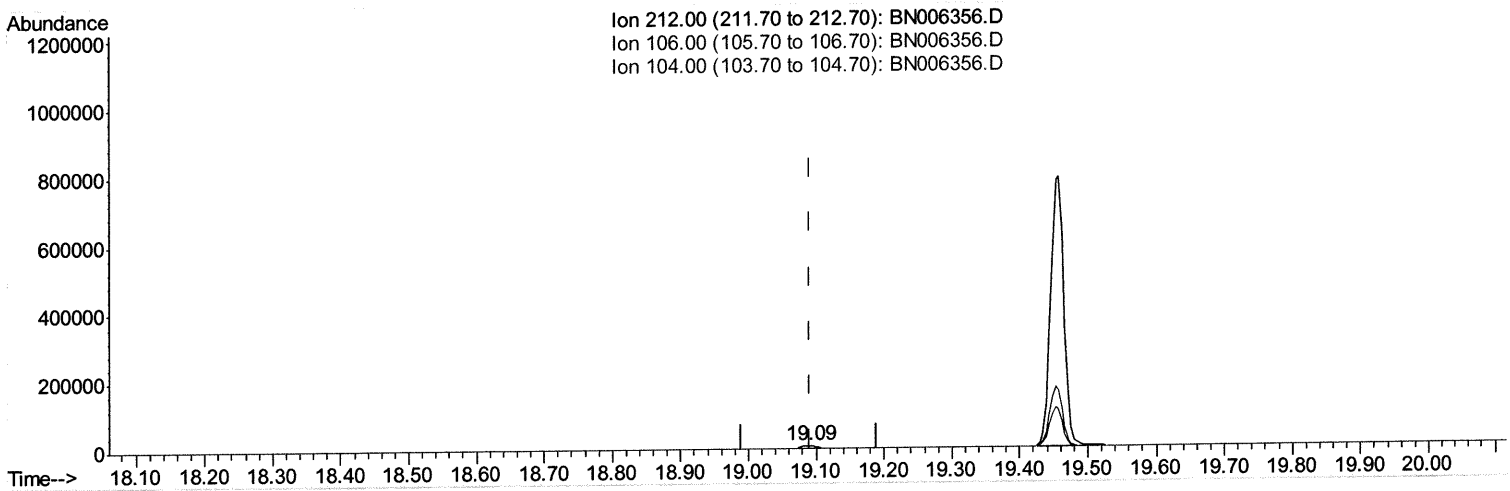
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.26ng/ul m *JU 06/18/19*

response 11695

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

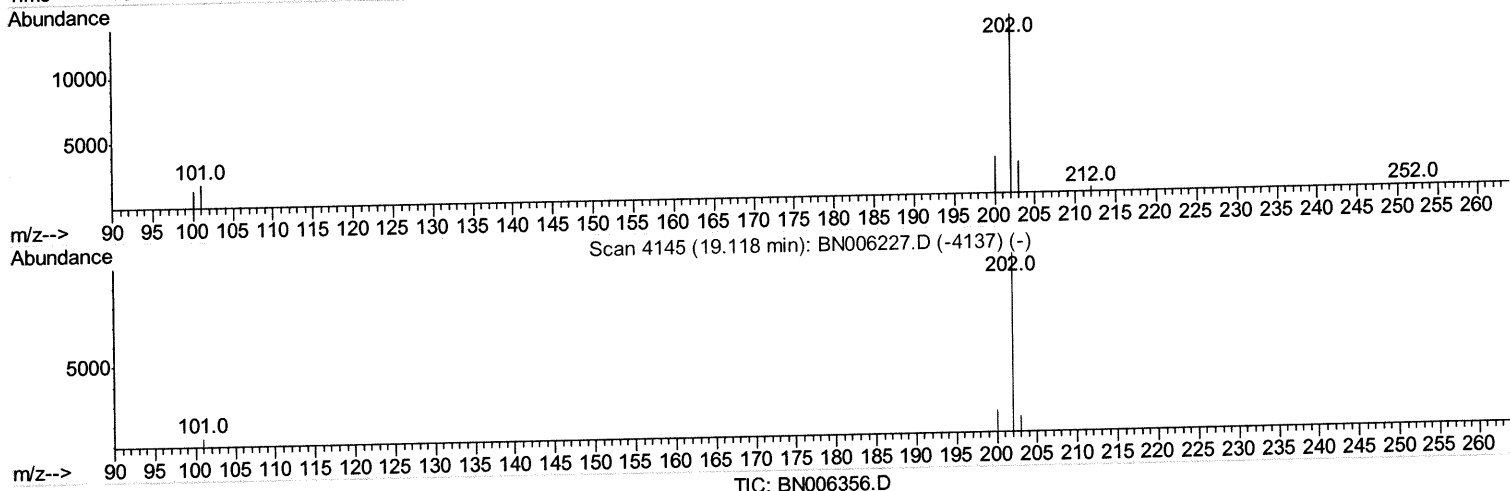
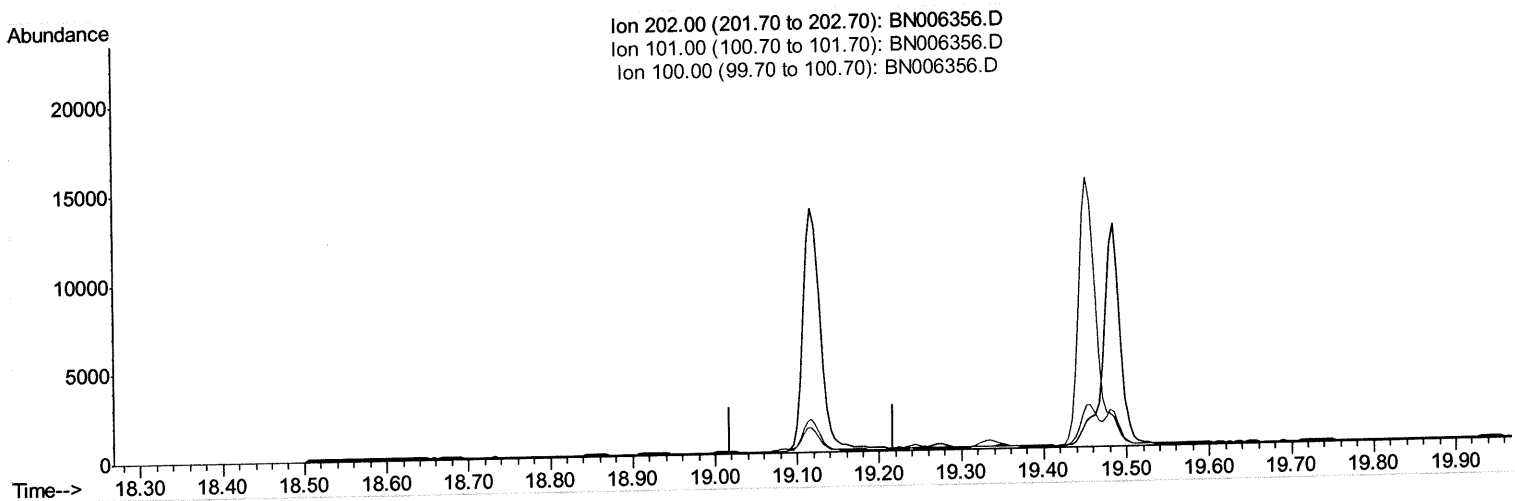
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

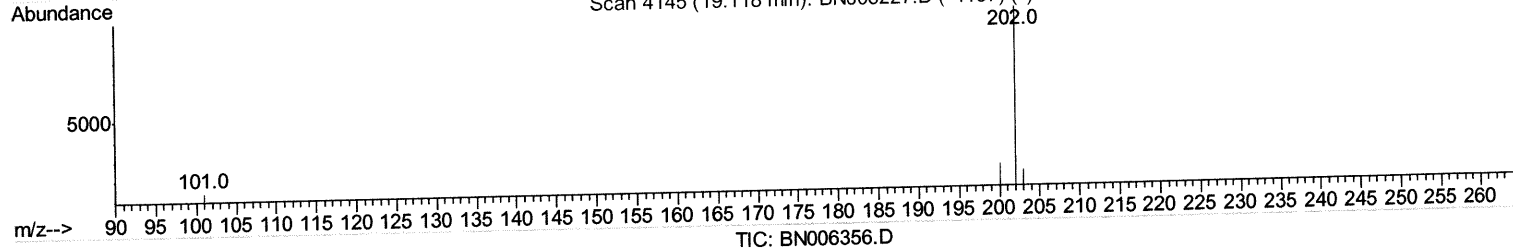
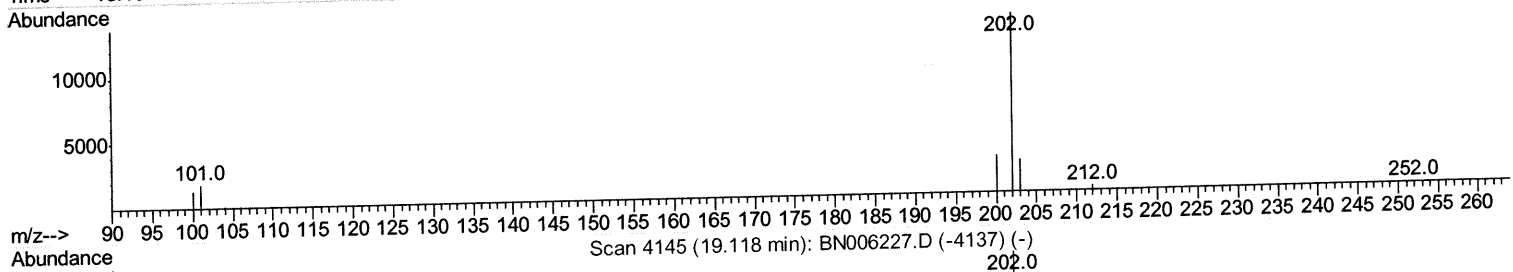
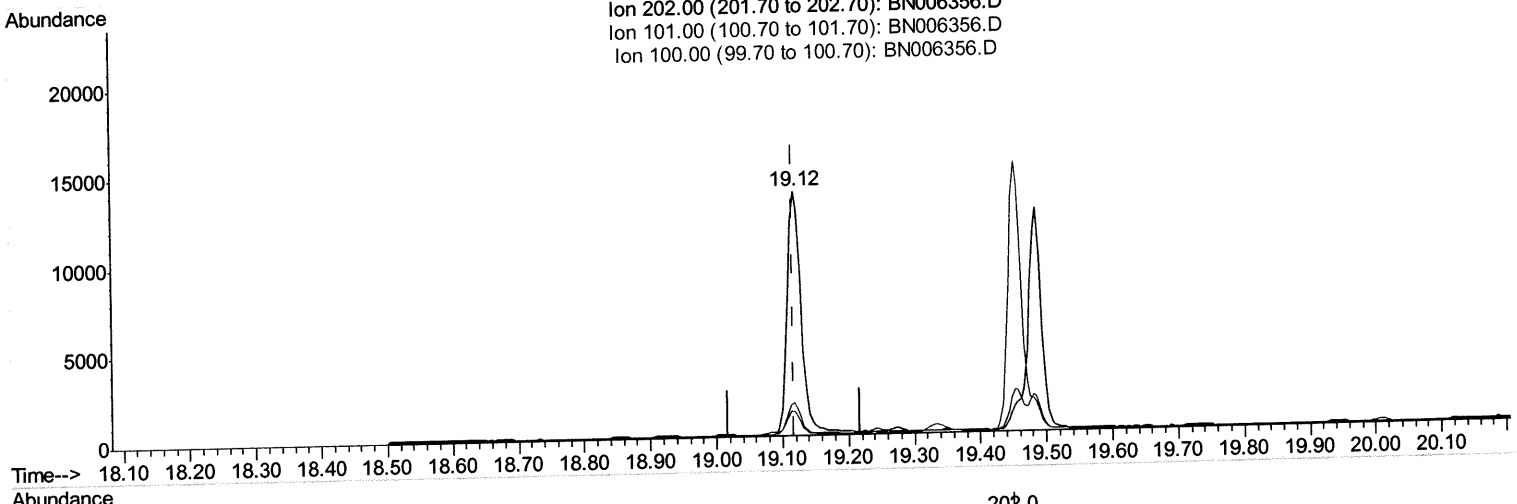
Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 202.00 (201.70 to 202.70): BN006356.D
 Ion 101.00 (100.70 to 101.70): BN006356.D
 Ion 100.00 (99.70 to 100.70): BN006356.D



(15) Fluoranthene (C)

19.118min (-0.000) 0.34ng/ul m 06/18/19

response 20005

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.64
100.00	8.70	10.05
0.00	0.00	0.00

Quantitation Report (Qedit)

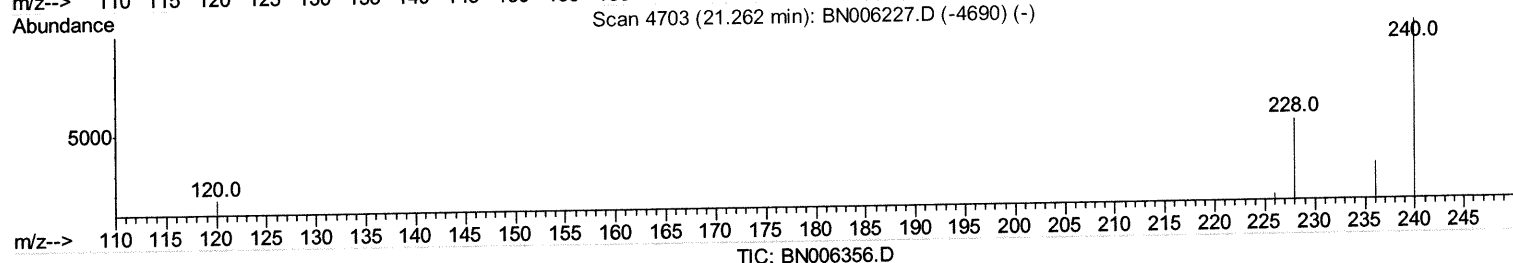
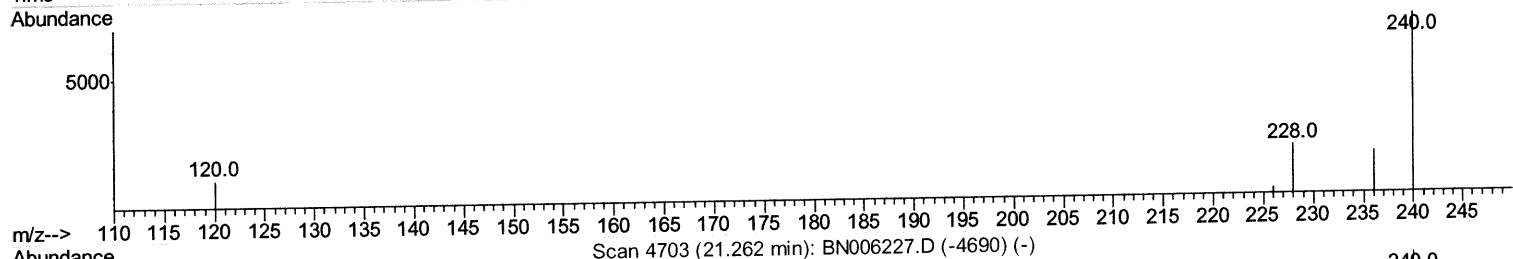
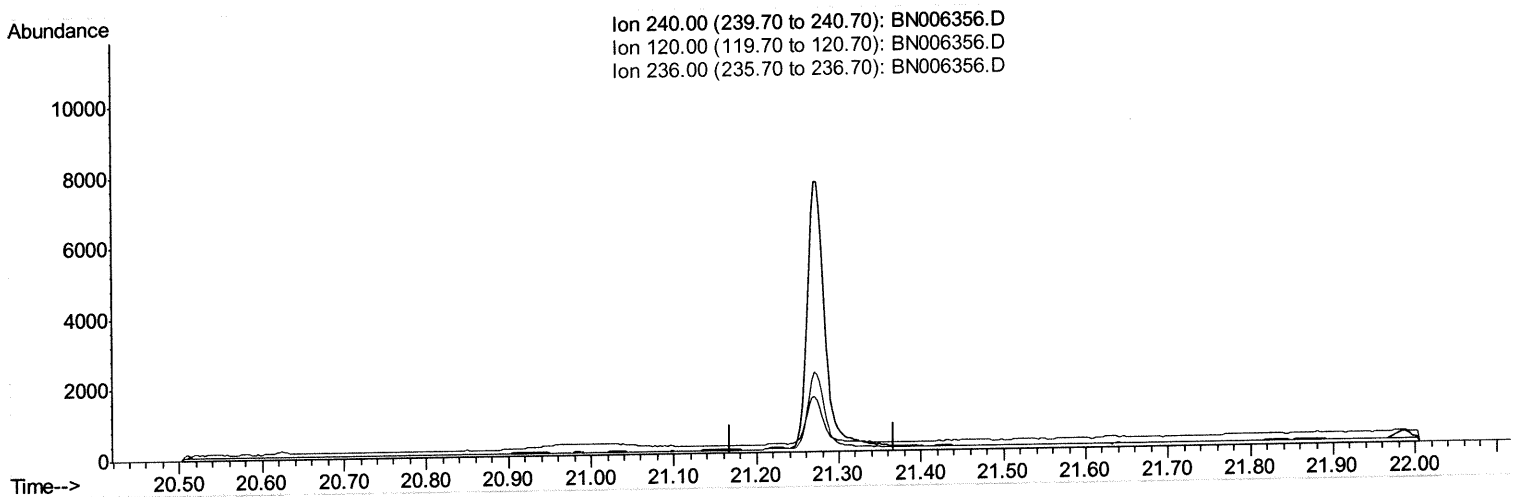
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

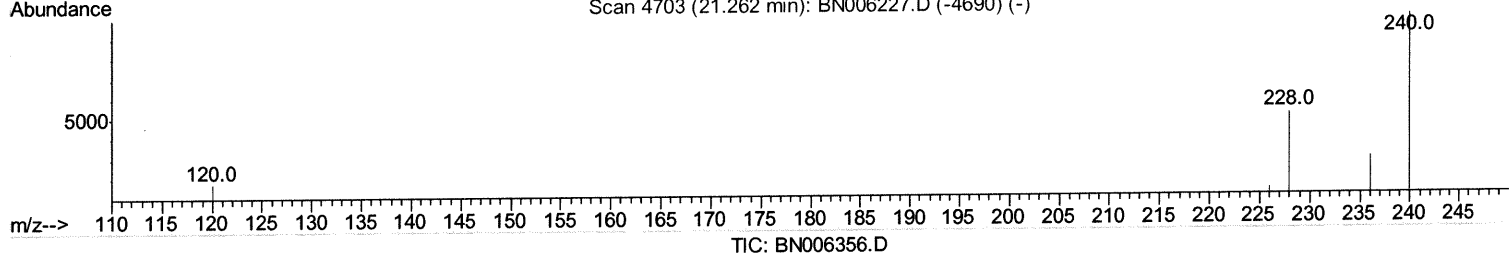
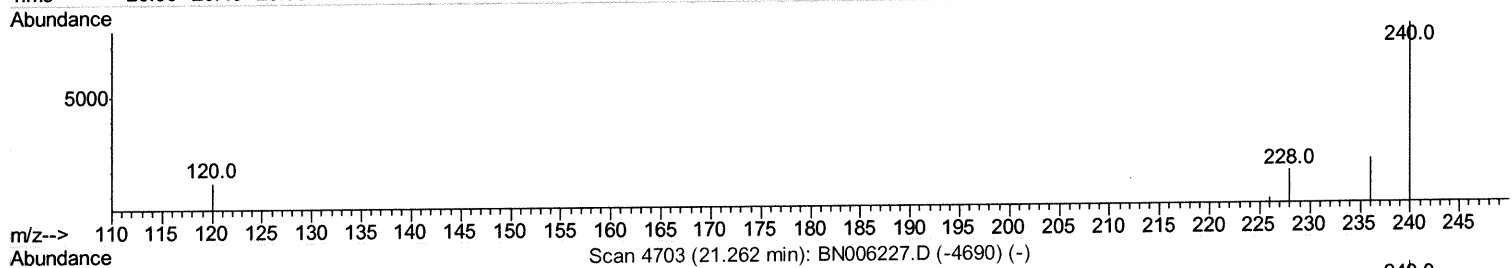
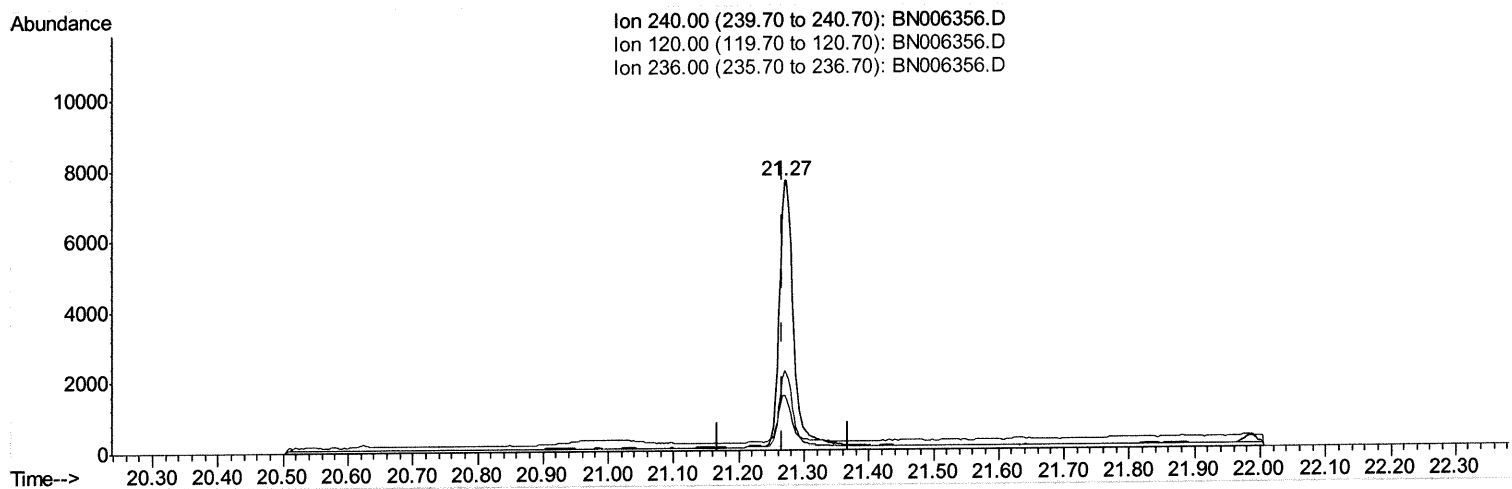
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.270min (+0.002) 0.40ng/ul m

JU
06/18/19

response 11318

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.52
236.00	30.10	29.37
0.00	0.00	0.00

Quantitation Report (Qedit)

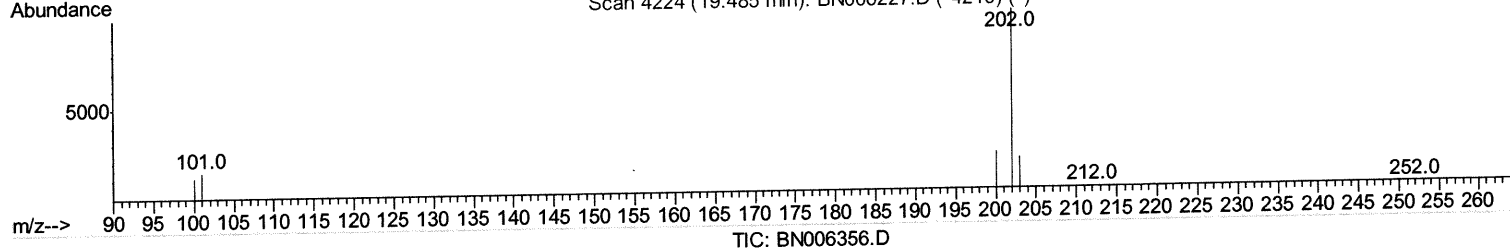
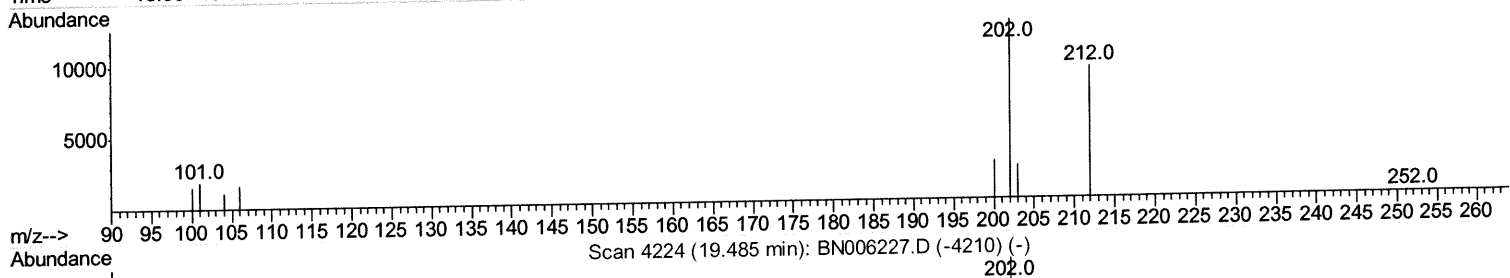
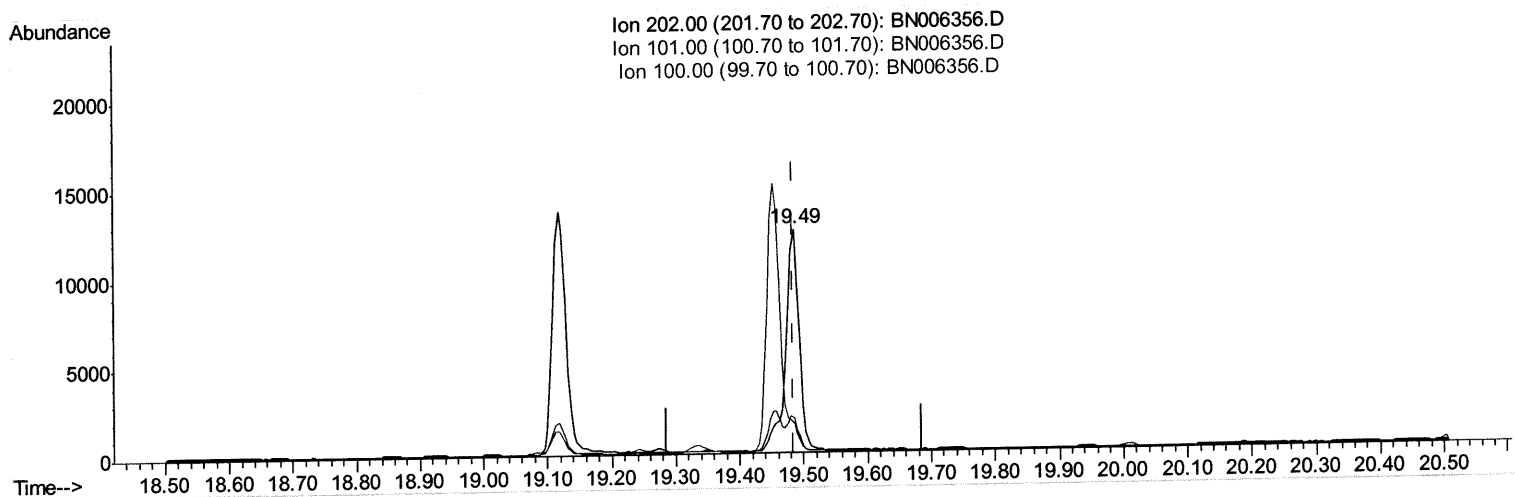
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:44:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(17) Pyrene

19.485min (-0.000) 0.30ng/ul

response 18182

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.27
100.00	12.20	13.03
0.00	0.00	0.00

Quantitation Report (Qedit)

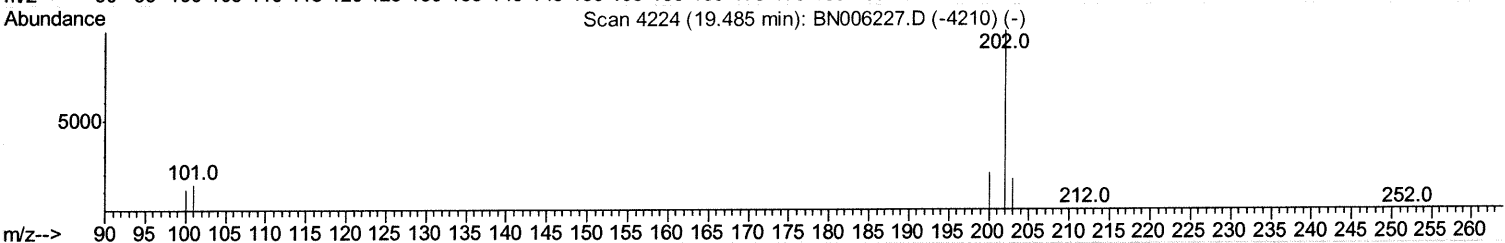
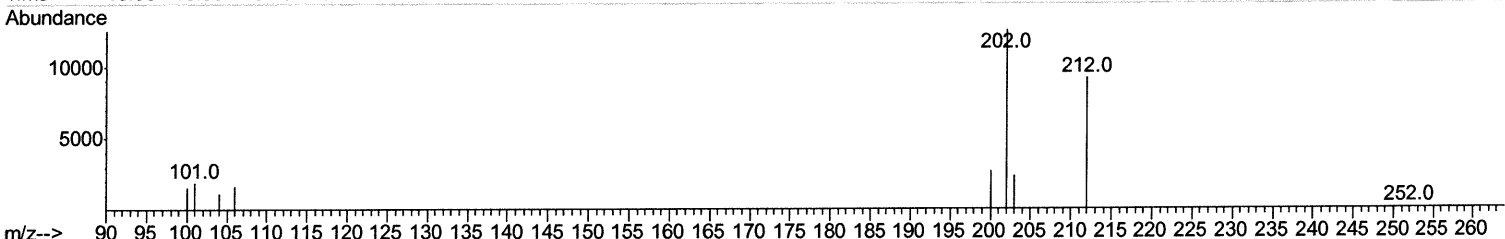
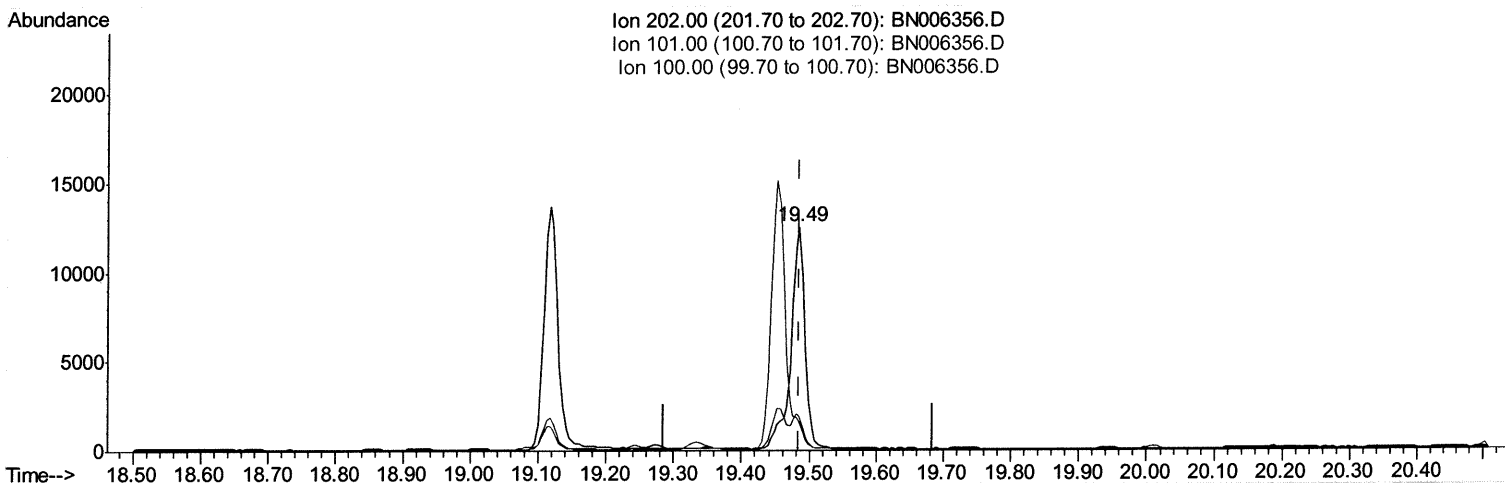
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:44:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



TIC: BN006356.D

(17) Pyrene

19.485min (-0.000) 0.27ng/ul m ^{JU} 06/18/19

response 16130

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.27
100.00	12.20	13.03
0.00	0.00	0.00

Quantitation Report (Qedit)

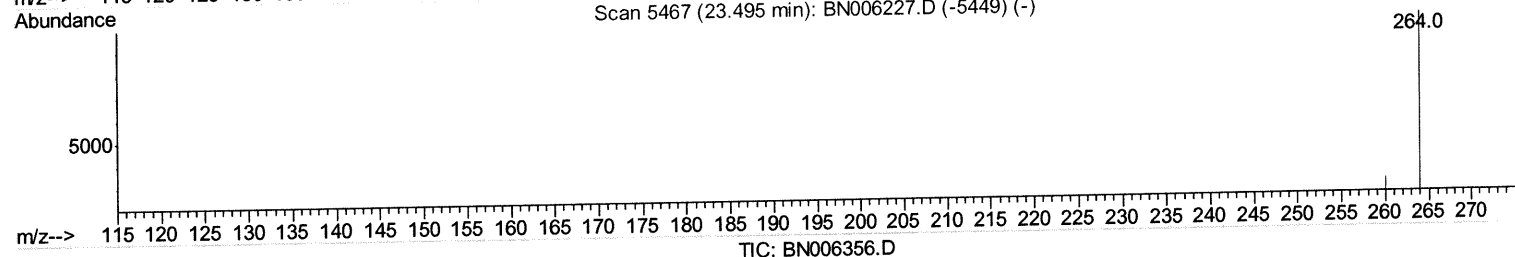
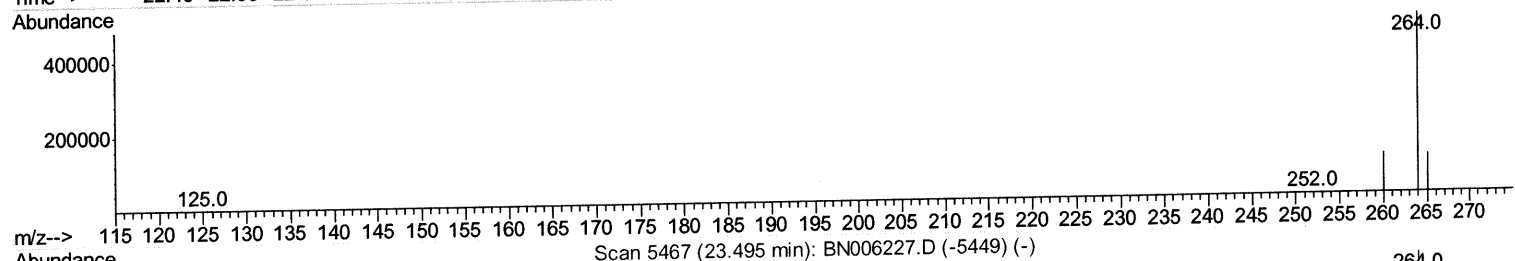
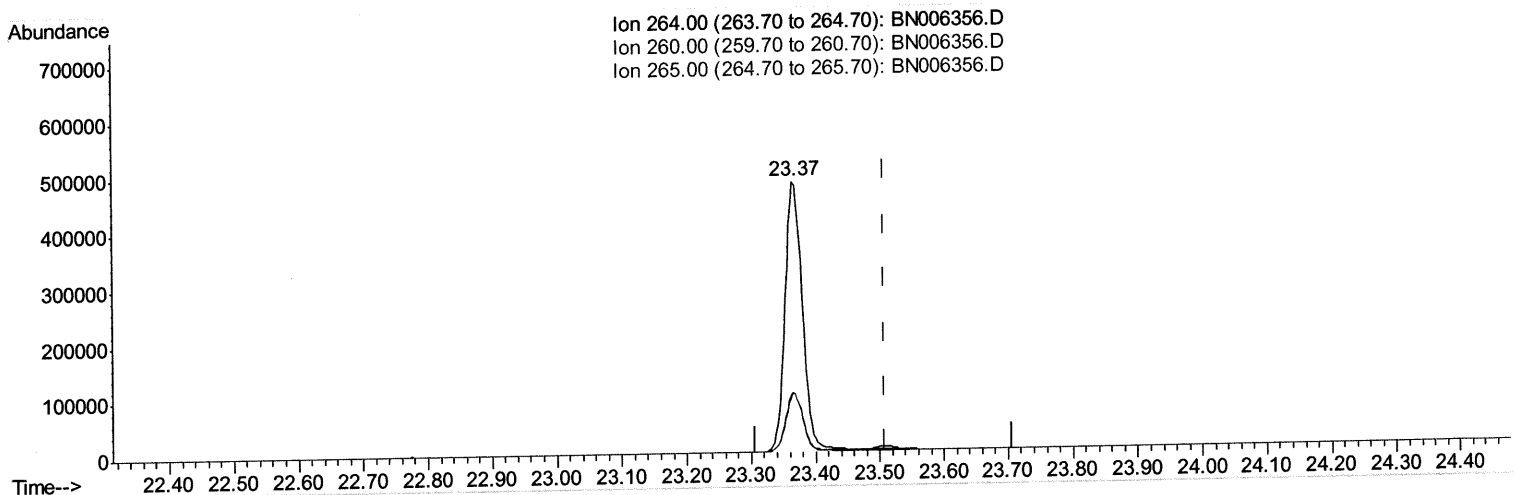
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:44:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.365min (-0.142) 0.40ng/ul

response 906727

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.97#
265.00	44.70	21.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

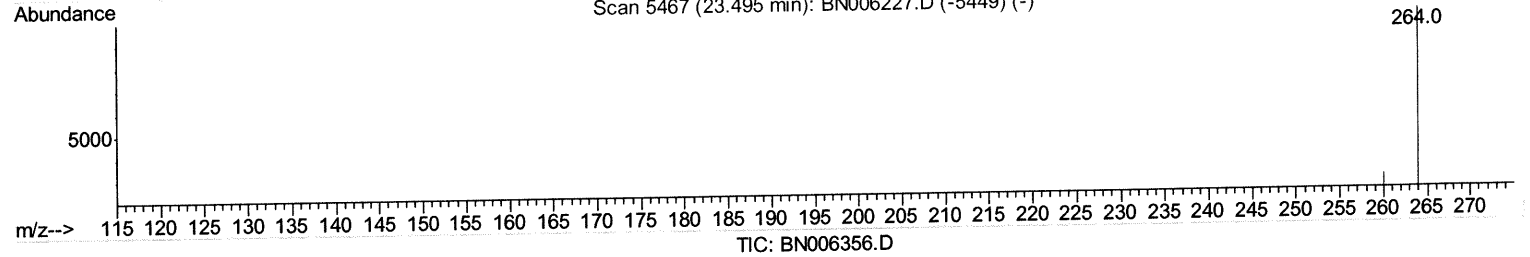
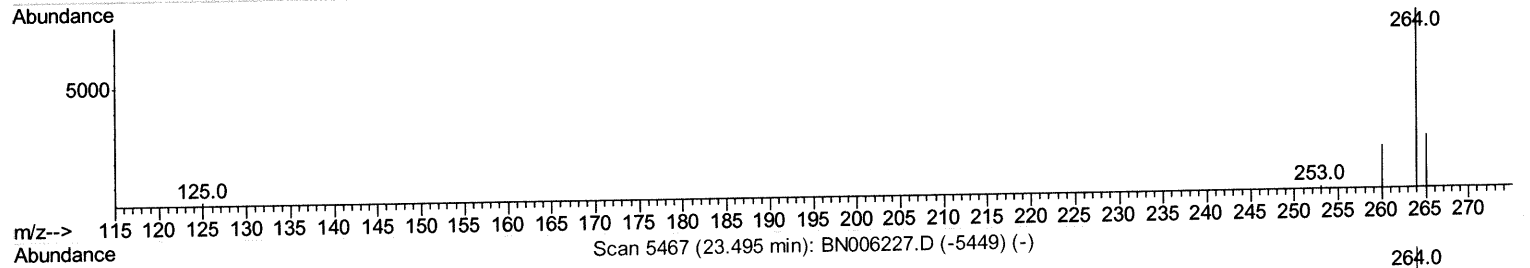
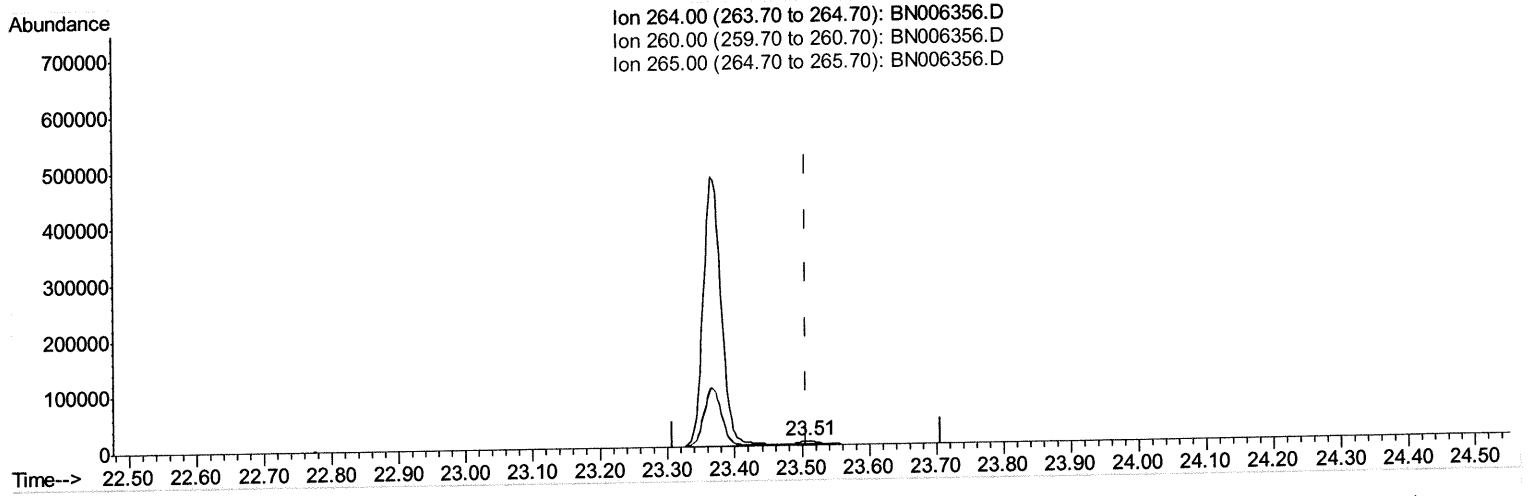
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:44:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.509min (+0.002) 0.40ng/ul m *JU 06/18/19*

response 10370

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.51
265.00	44.70	31.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

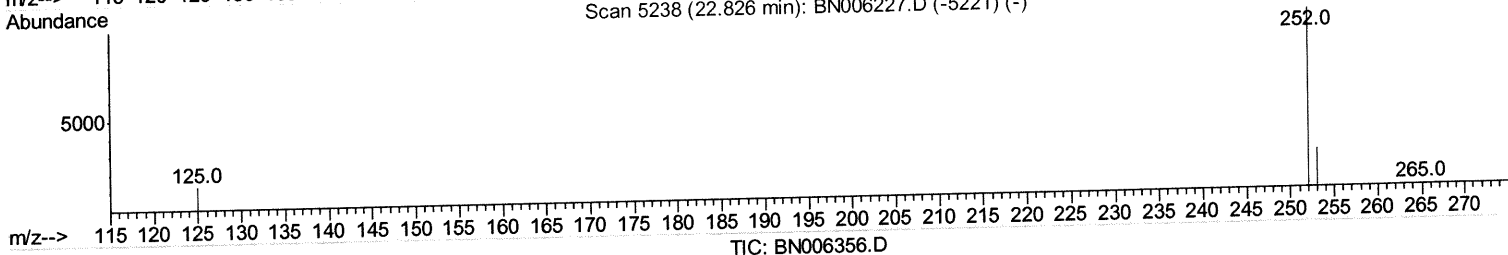
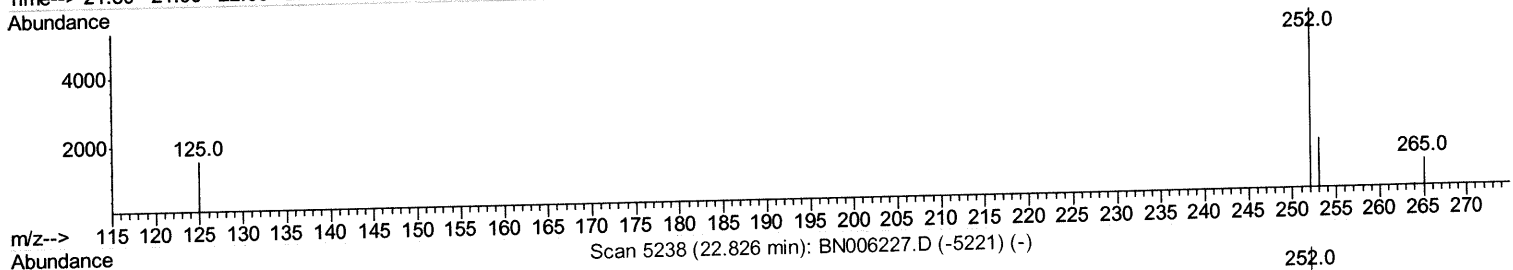
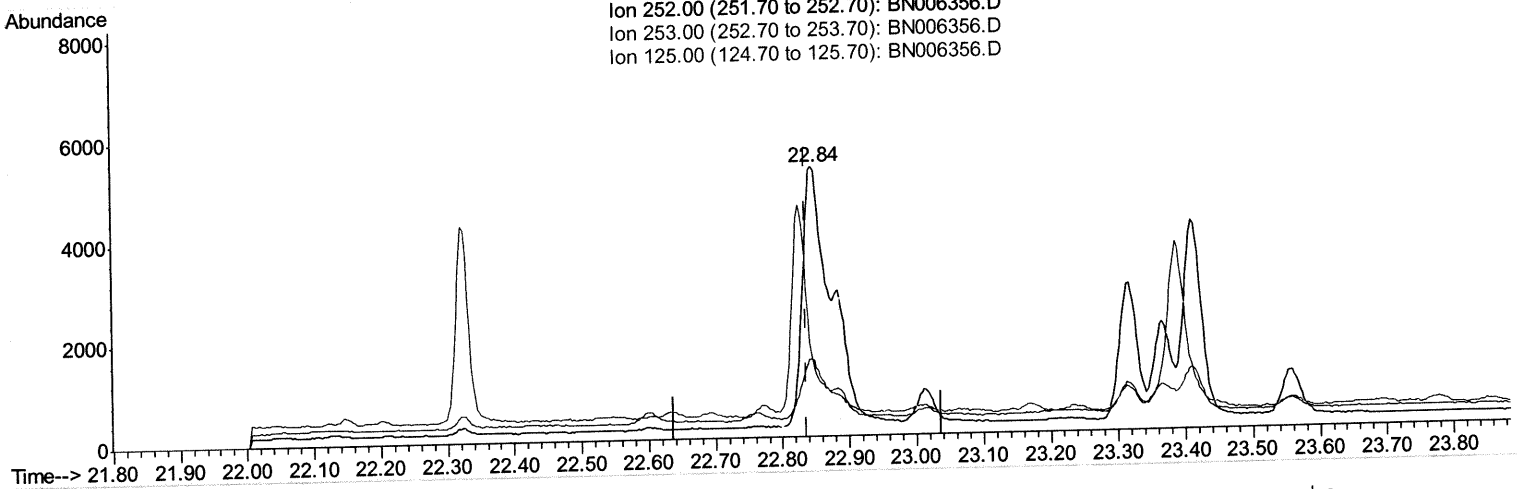
Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BN006356.D
 Ion 253.00 (252.70 to 253.70): BN006356.D
 Ion 125.00 (124.70 to 125.70): BN006356.D



(21) Benzo(b)fluoranthene

22.845min (+0.007) 0.30ng/ul

response 13159

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.64
125.00	20.50	29.49
0.00	0.00	0.00

Quantitation Report (Qedit)

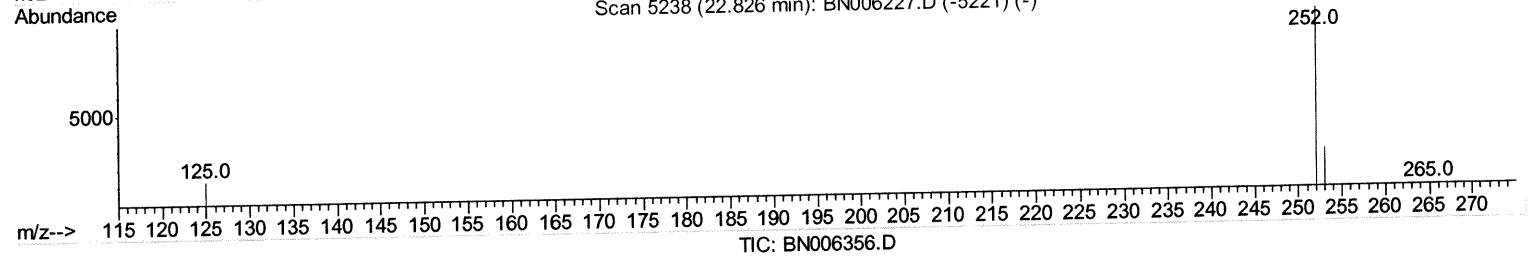
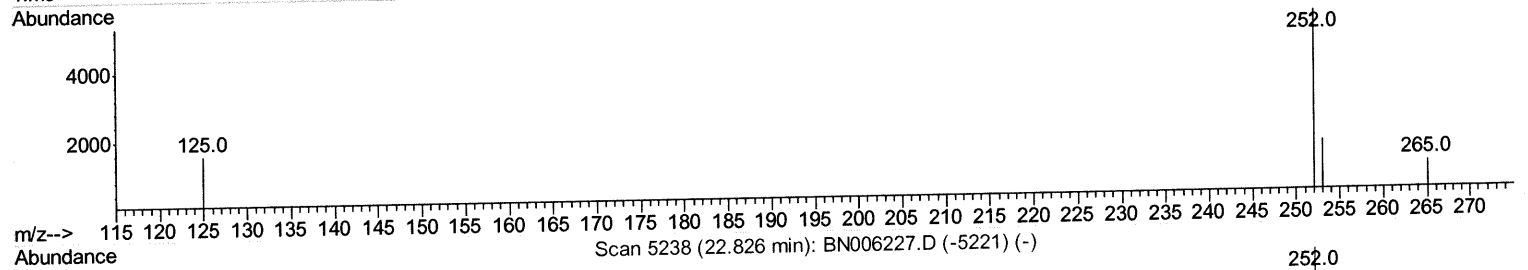
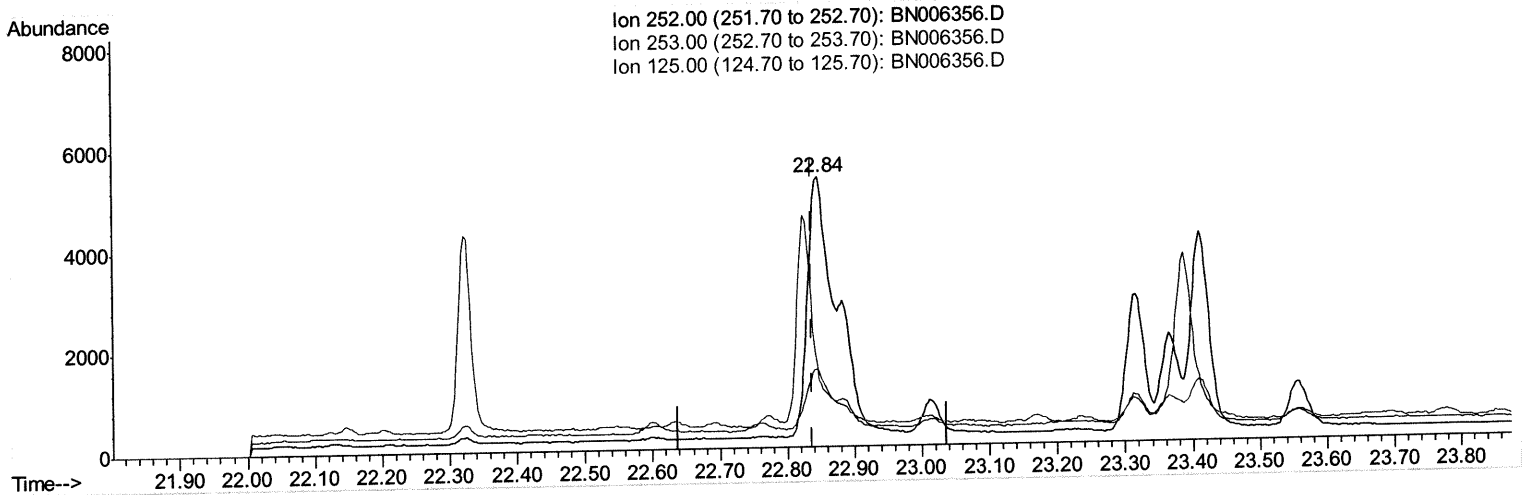
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.845min (+0.007) 0.27ng/ul m

response 11479

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.64
125.00	20.50	29.49
0.00	0.00	0.00

Quantitation Report (Qedit)

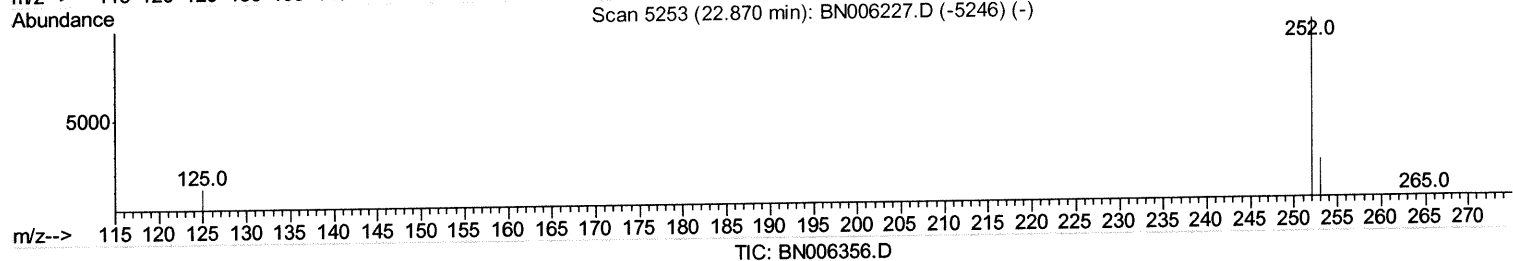
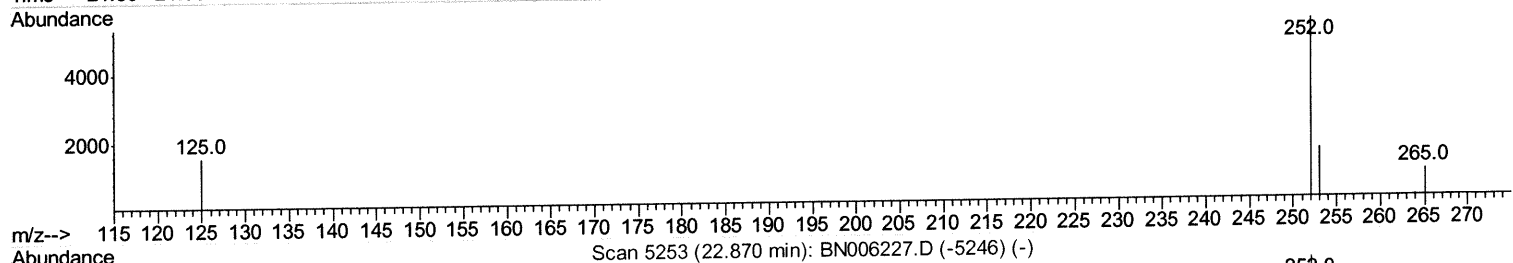
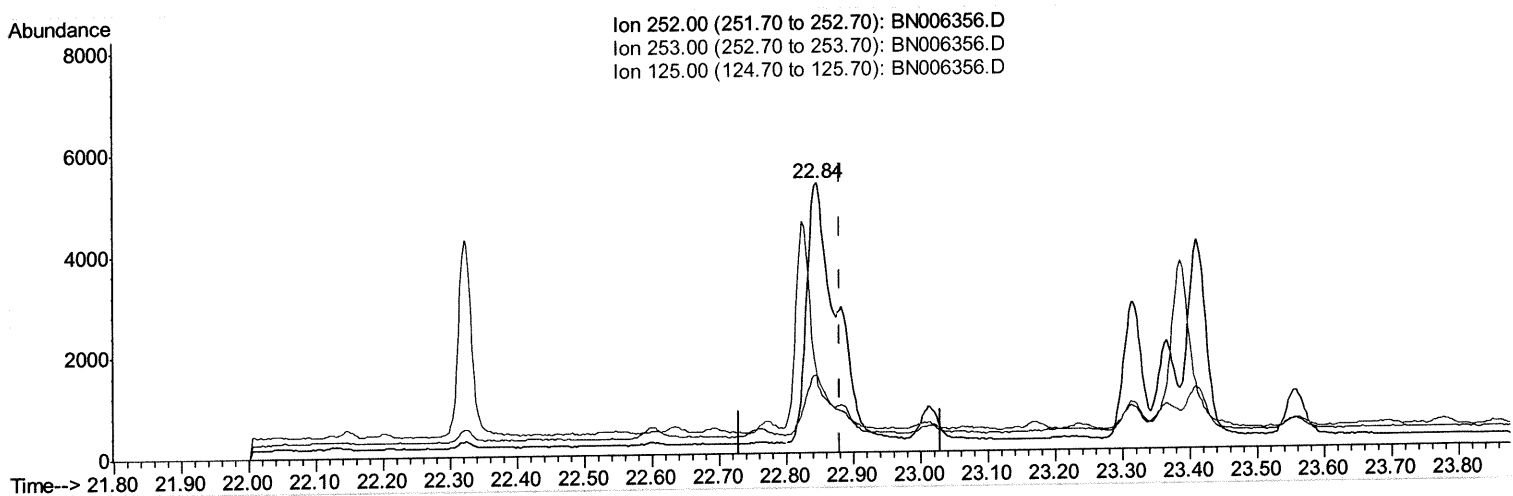
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.845min (-0.036) 0.28ng/ul

response 11779

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.64
125.00	17.90	29.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

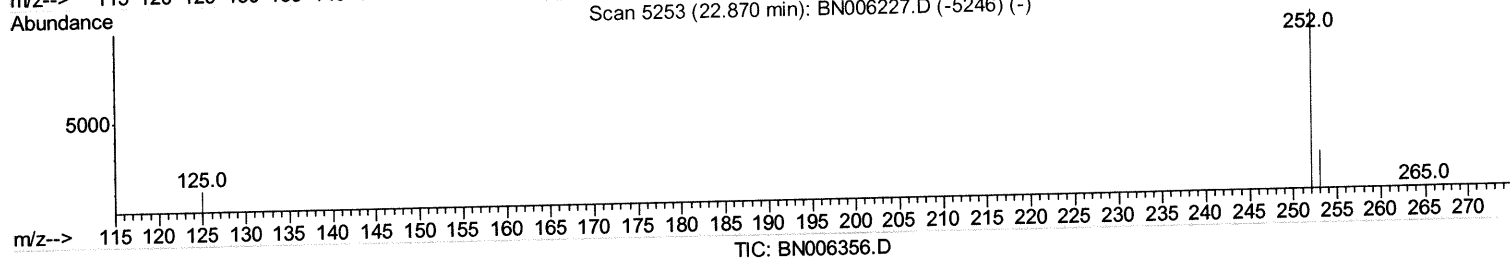
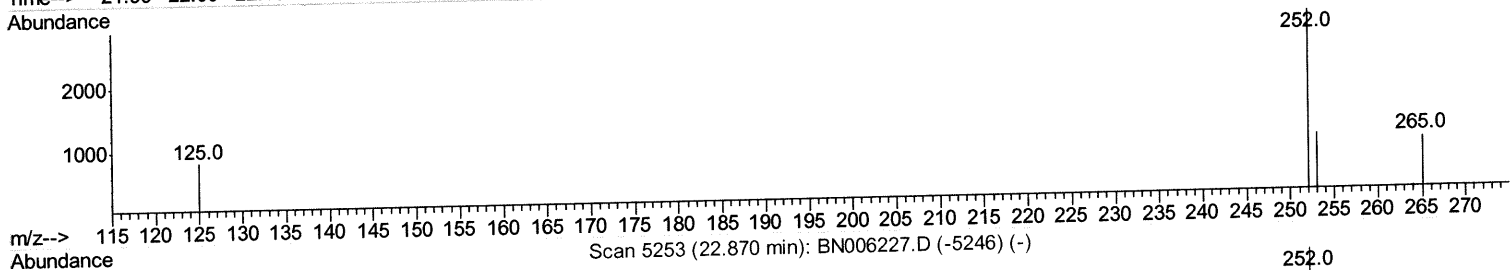
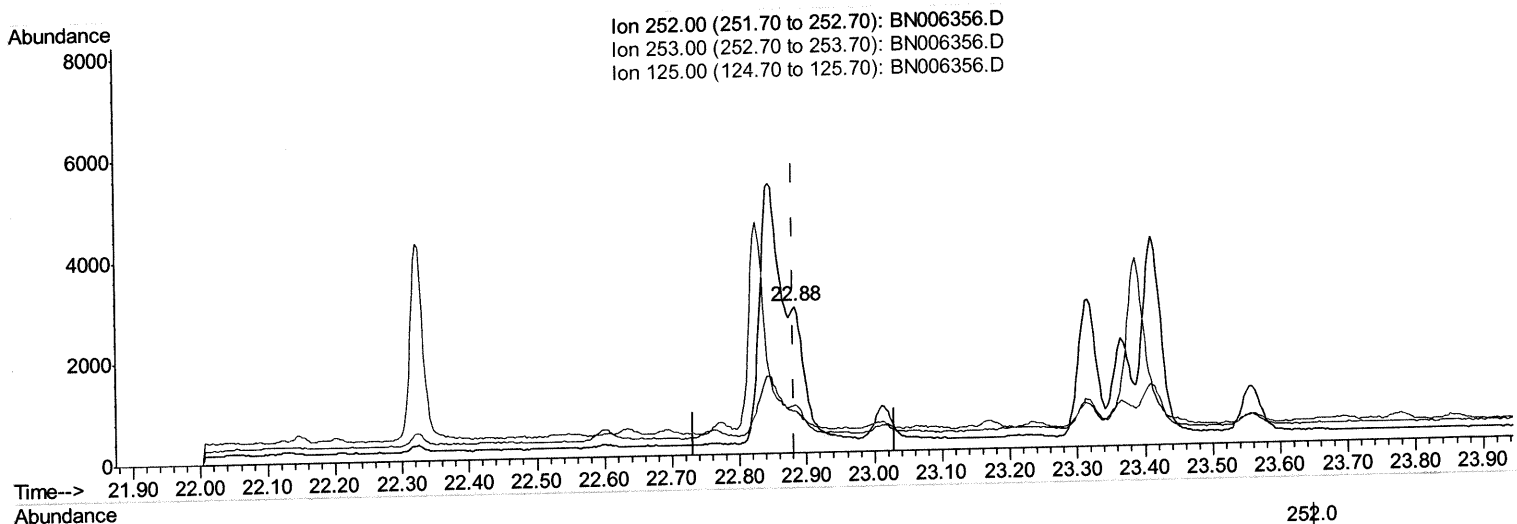
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.883min (+0.002) 0.08ng/ul m

JU
 06/18/19

response 3568

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	32.92#
125.00	17.90	28.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

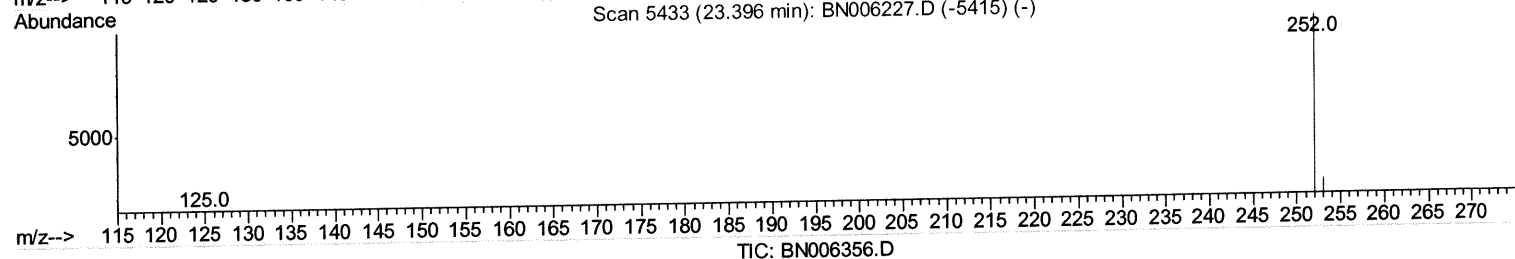
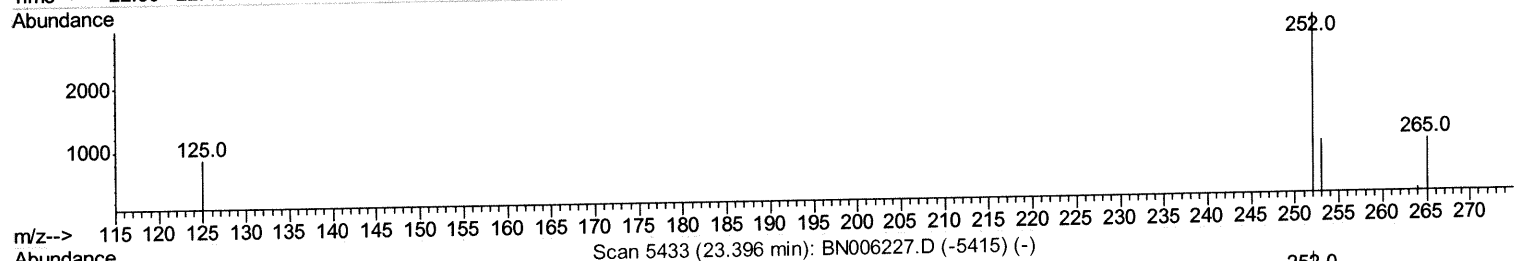
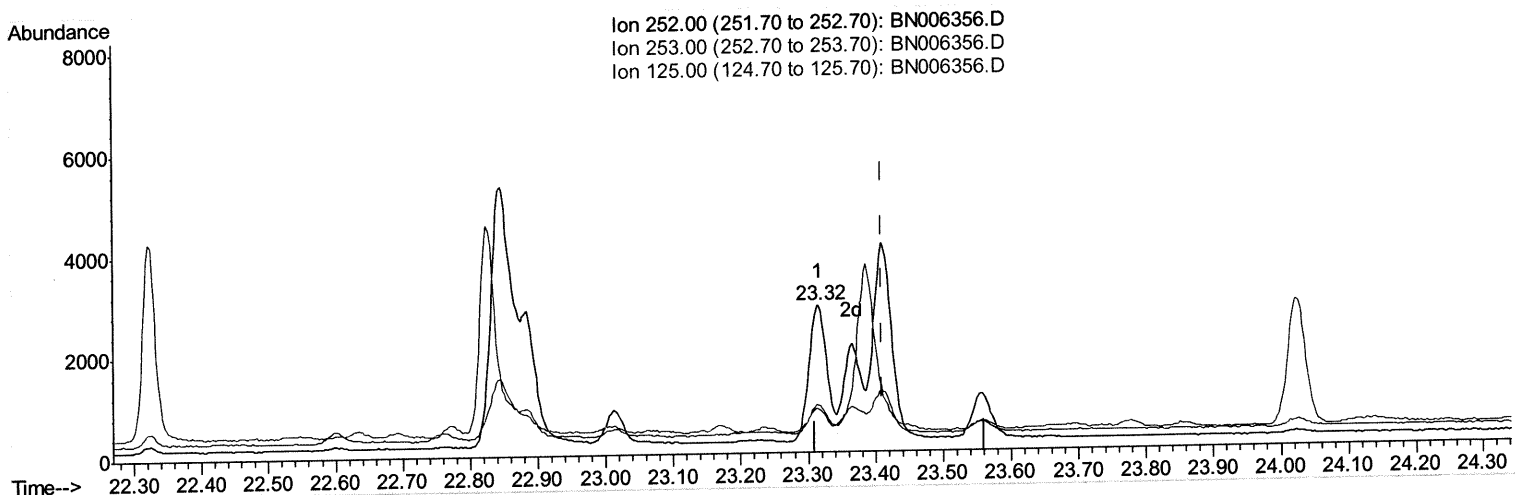
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.316min (-0.095) 0.13ng/ul

response 5075

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	31.63
125.00	25.40	29.29
0.00	0.00	0.00

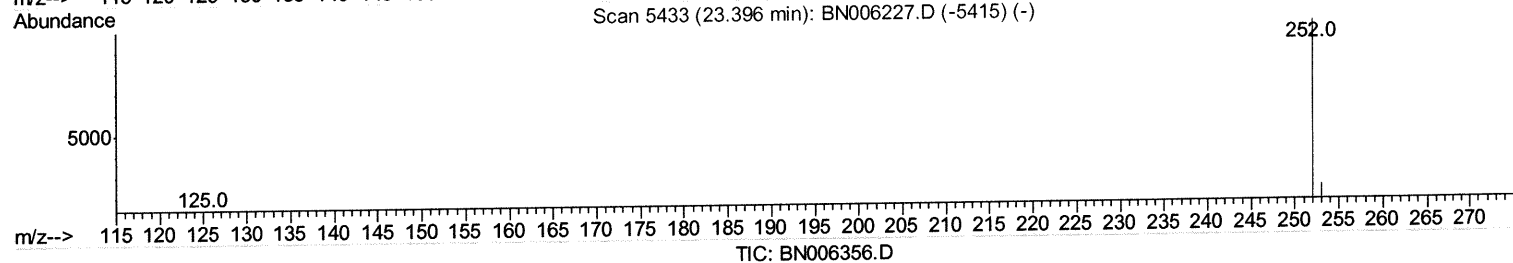
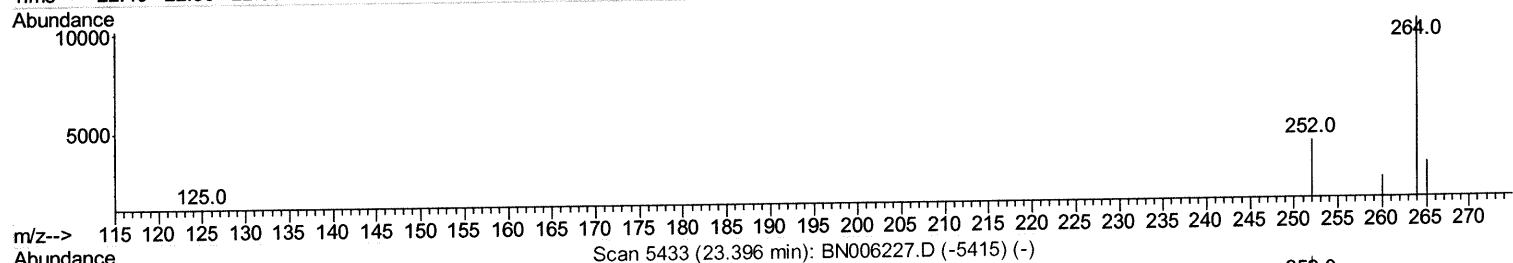
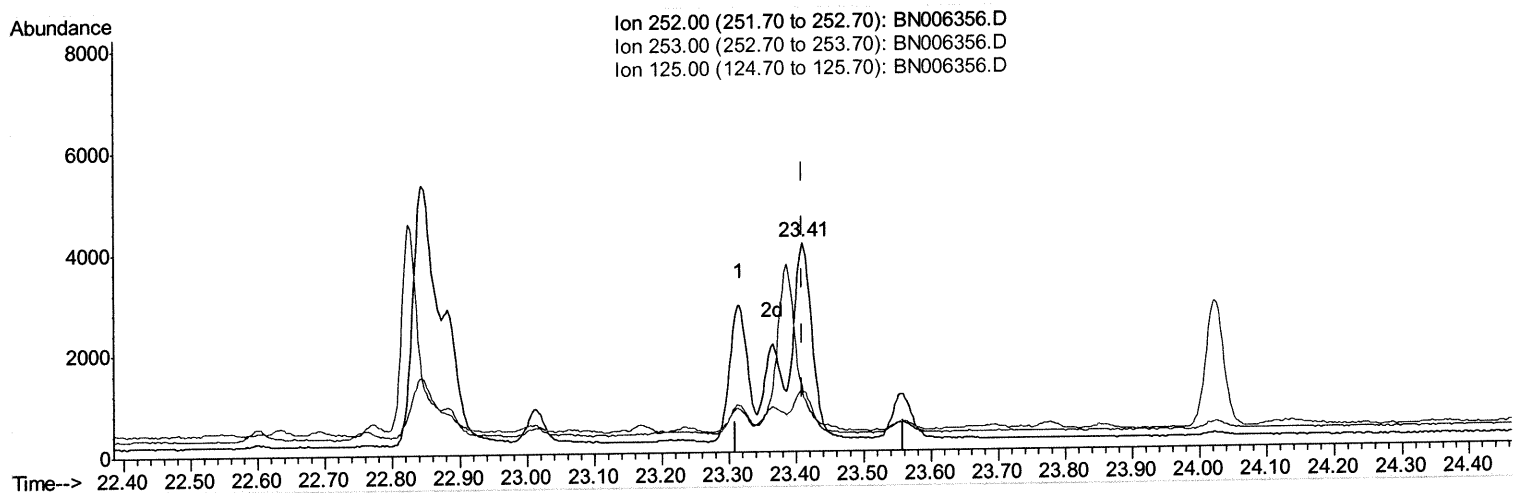
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.409min (-0.001) 0.18ng/ul m *JU* 06/18/19

response 7232

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	29.17
125.00	25.40	30.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

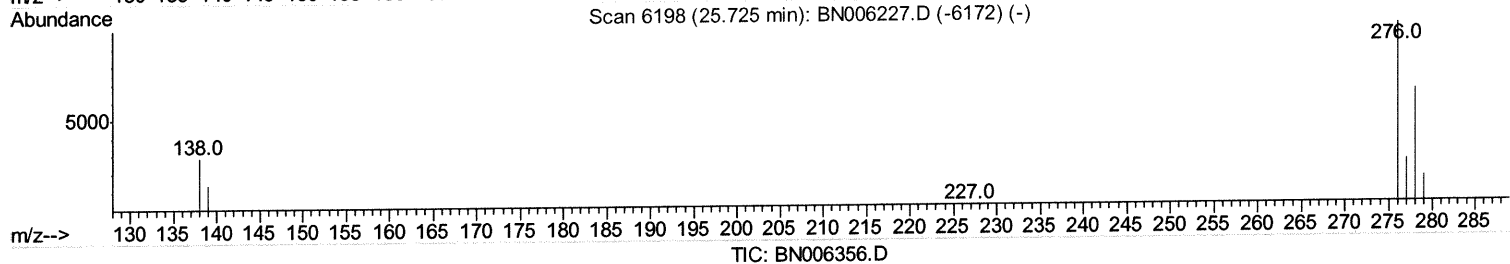
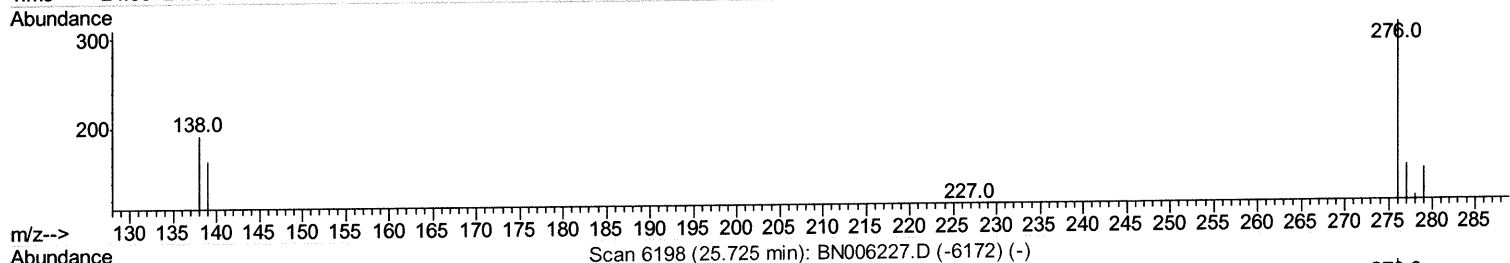
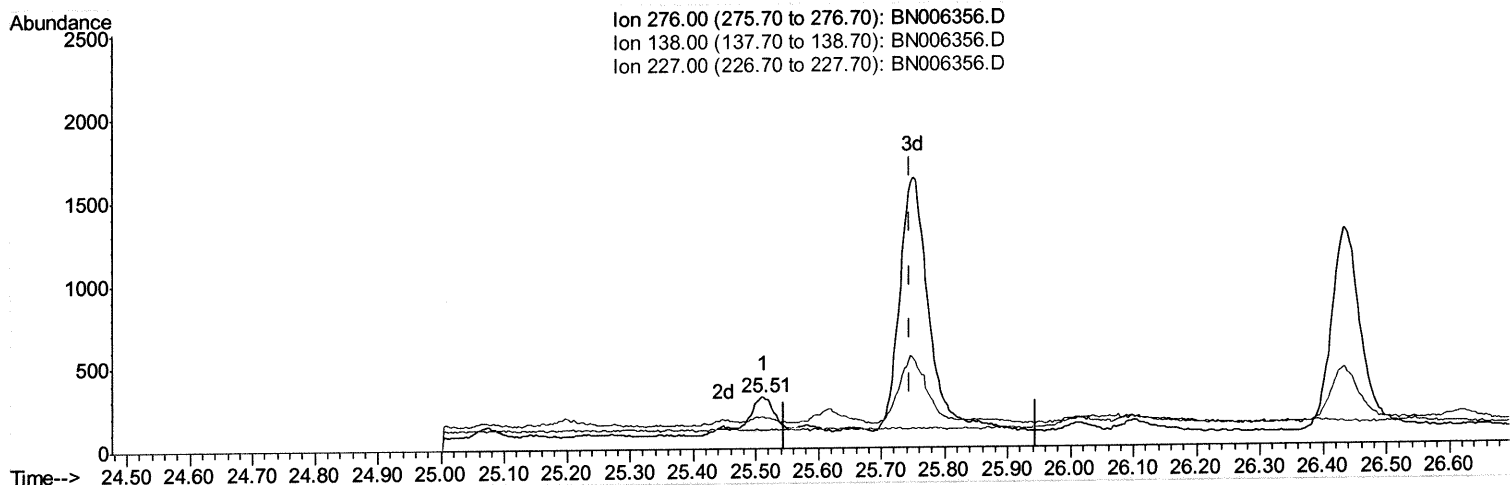
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



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

25.512min (-0.233) 0.01ng/ul

response 485

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	17.53#
227.00	0.40	0.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

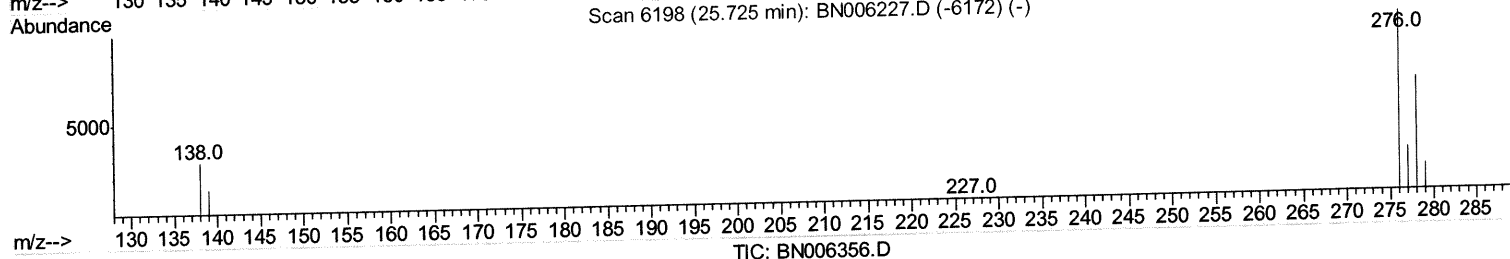
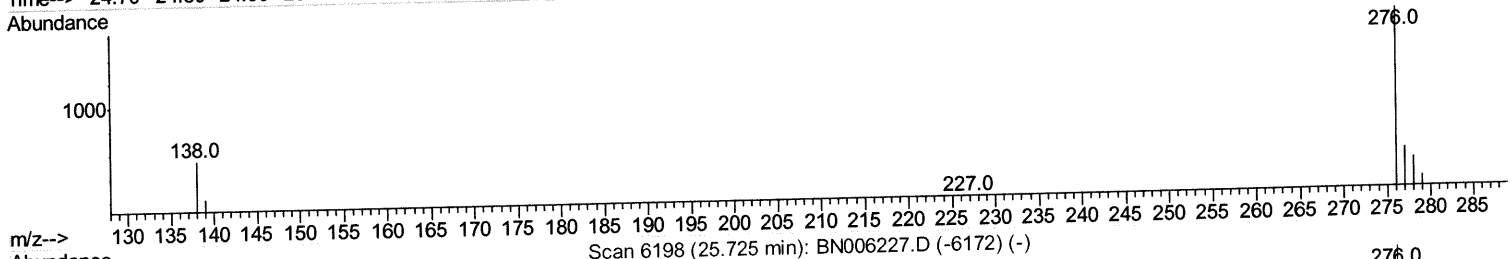
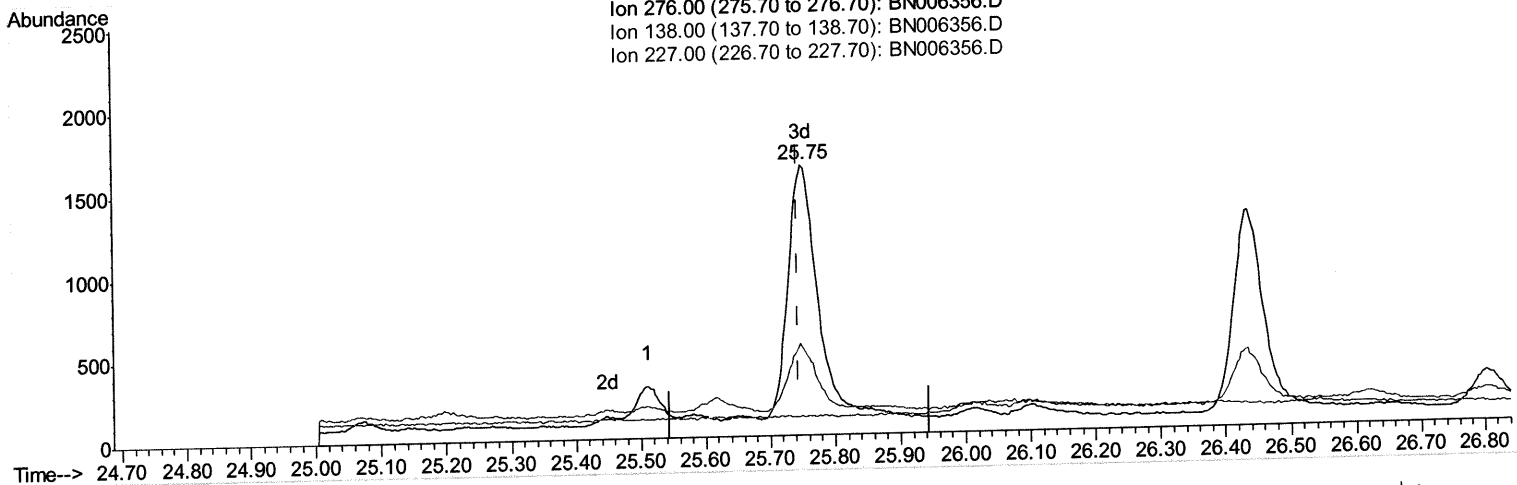
Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 276.00 (275.70 to 276.70): BN006356.D
 Ion 138.00 (137.70 to 138.70): BN006356.D
 Ion 227.00 (226.70 to 227.70): BN006356.D



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

25.750min (+0.005) 0.11ng/ul m

JU
06/18/19

response 4767

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	1.78#
227.00	0.40	0.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

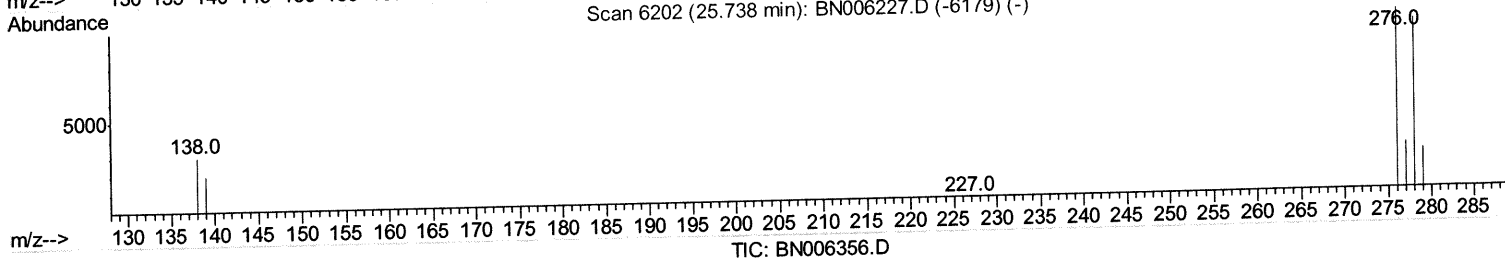
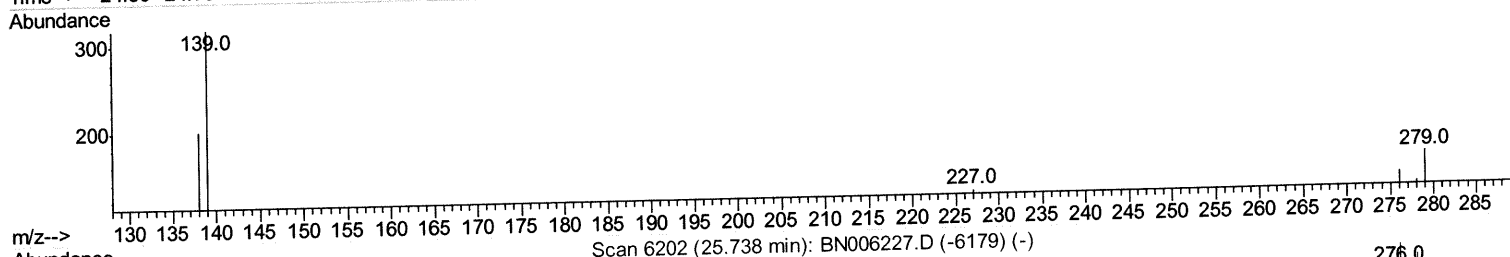
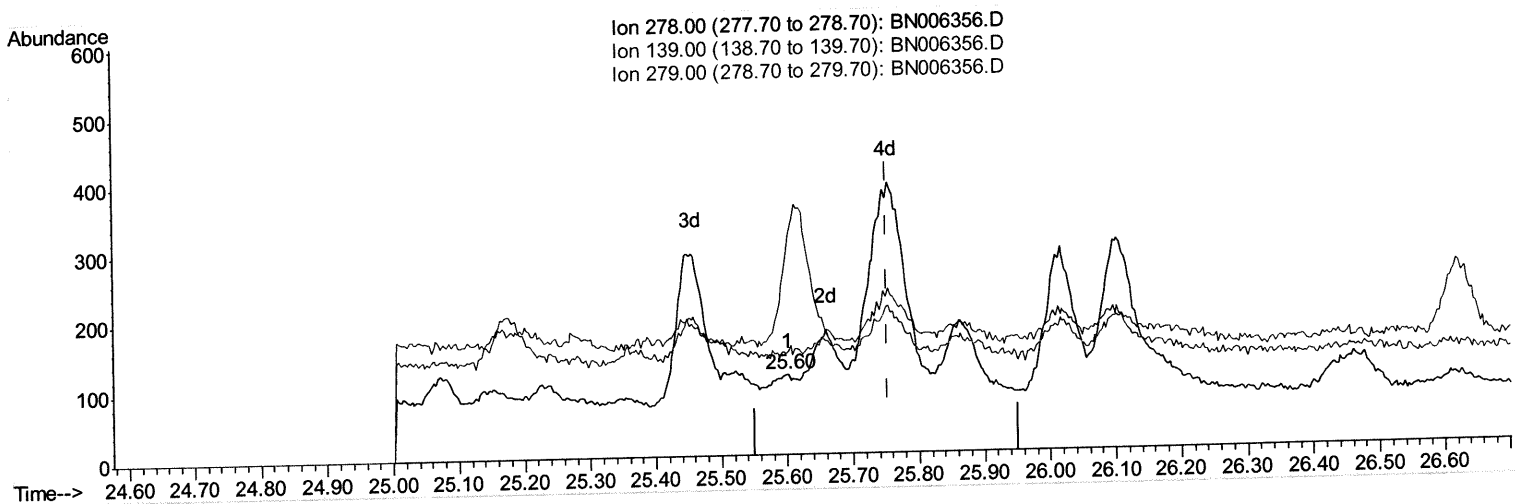
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:47:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.603min (-0.149) 0.00ng/ul

response 27

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	275.00#
279.00	28.20	129.31#
0.00	0.00	0.00

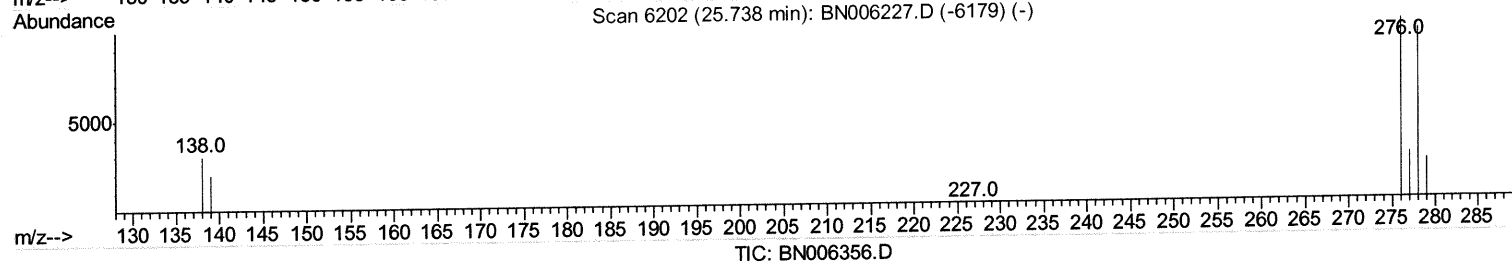
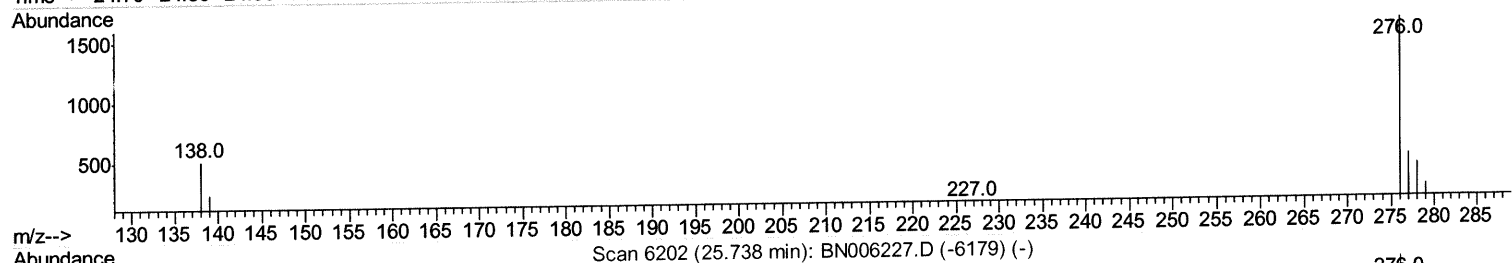
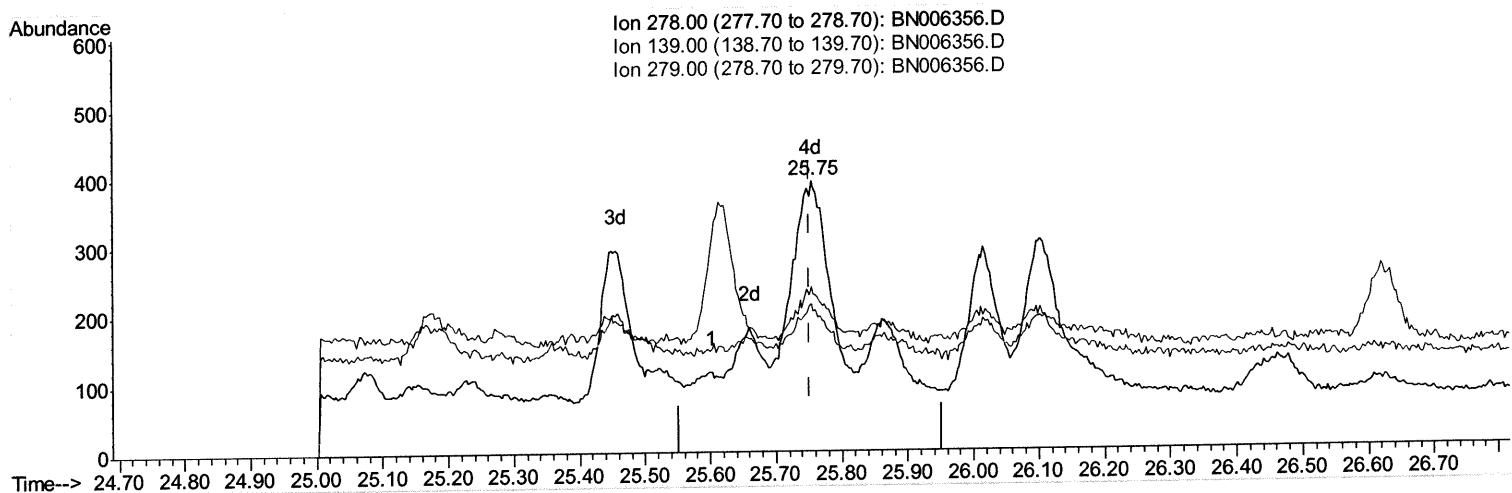
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:47:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.753min (+0.002) 0.03ng/ul m

response 969

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	61.13#
279.00	28.20	54.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

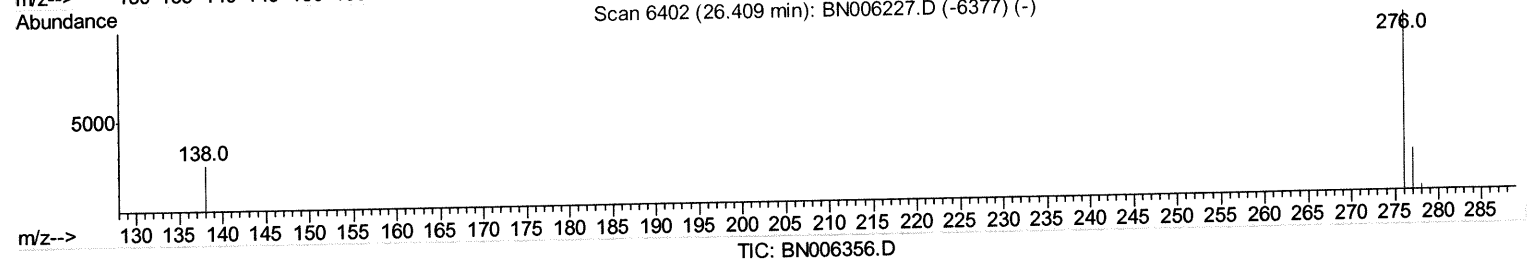
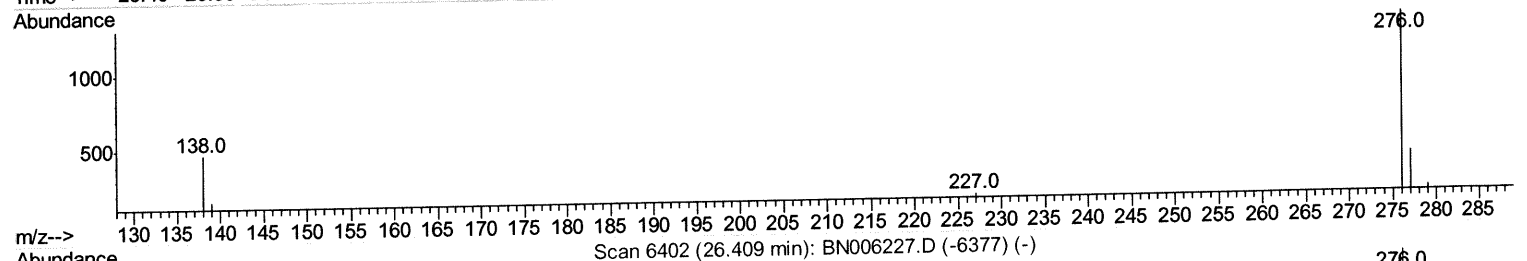
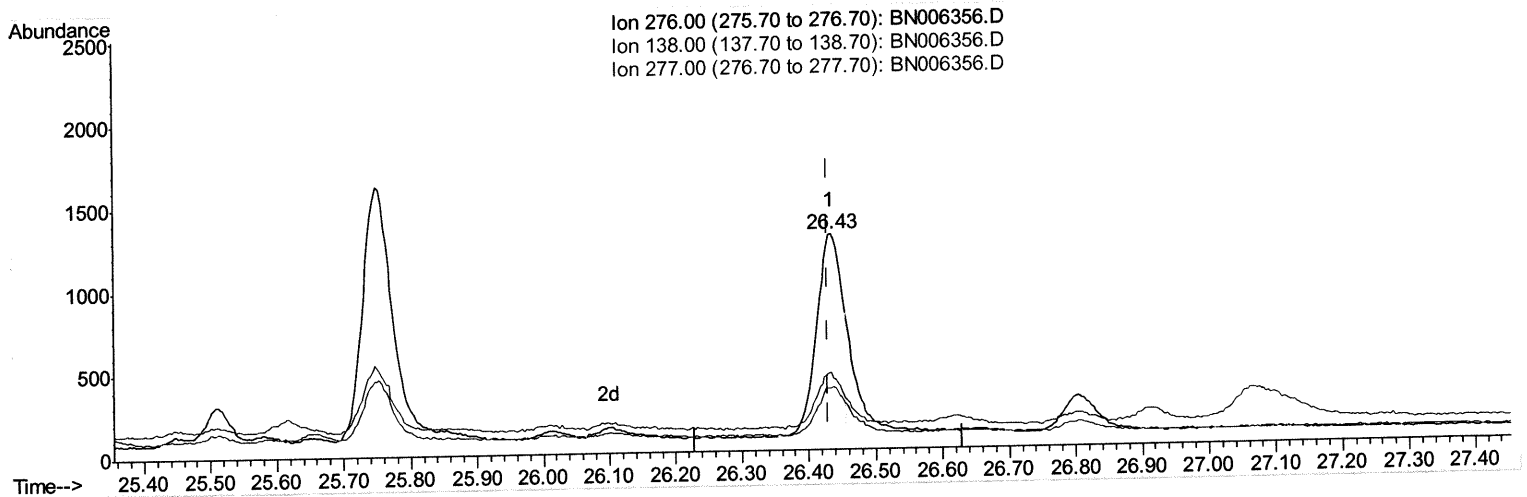
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:47:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



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

26.434min (+0.005) 0.09ng/ul

response 3104

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	36.08
277.00	26.90	28.68
0.00	0.00	0.00

Quantitation Report (Qedit)

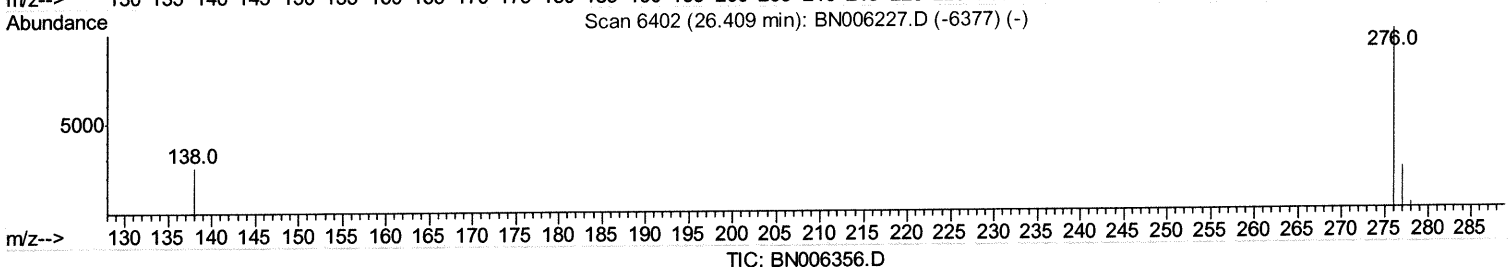
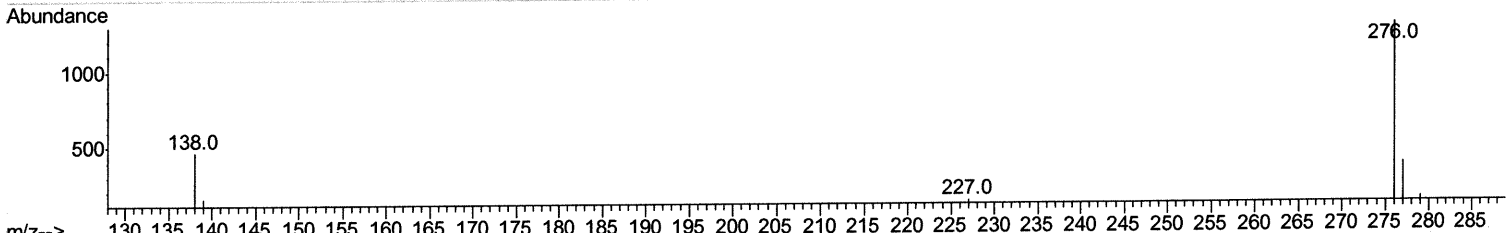
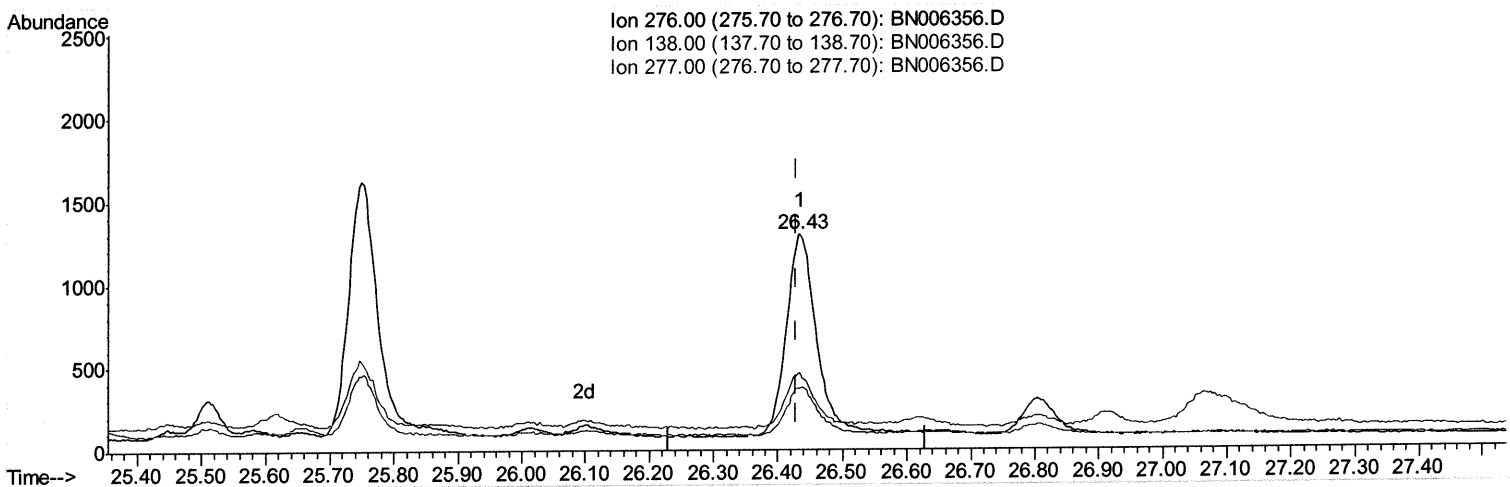
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:47:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



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

26.434min (+0.005) 0.11ng/ul m *JU 06/18/19*

response 3957

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	36.08
277.00	26.90	28.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006356.D
 Acq On : 17 Jun 2019 19:52
 Operator : JU/SJ
 Sample : K3332-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:48:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4651	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9801	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16660m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11318m >	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10370m >	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	6582	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11695m >	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.09	178	7067	0.132	ng/ul	97
13) Anthracene	17.18	178	1285m >	0.025	ng/ul	
15) Fluoranthene	19.12	202	20005m >	0.339	ng/ul	
17) Pyrene	19.49	202	16130m >	0.271	ng/ul	
18) Benzo(a)anthracene	21.26	228	7523	0.150	ng/ul	98
19) Chrysene	21.31	228	7958	0.169	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	11479m >	0.265	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	3568m >	0.085	ng/ul	
23) Benzo(a)pyrene	23.41	252	7232m >	0.180	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	4767m >	0.109	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	969m >	0.028	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	3957m >	0.108	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 JU 06/18/19