

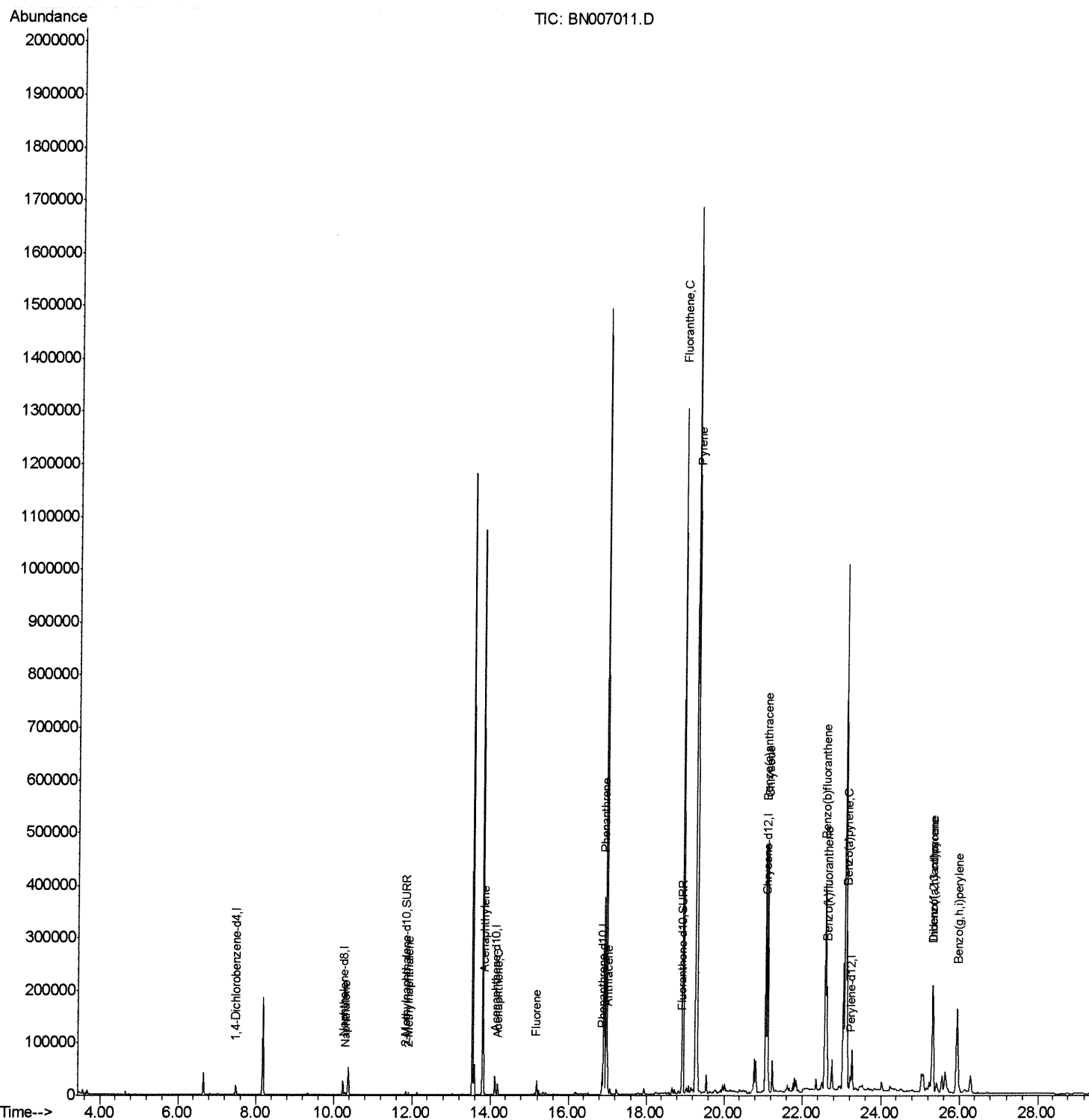
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:48:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

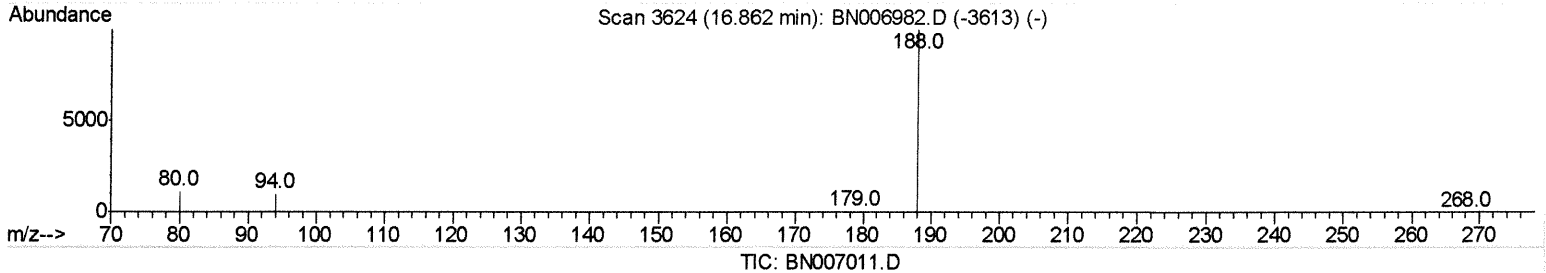
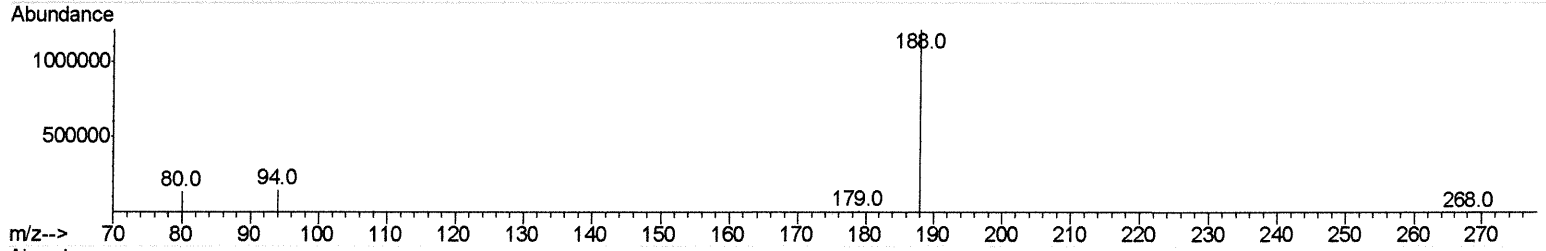
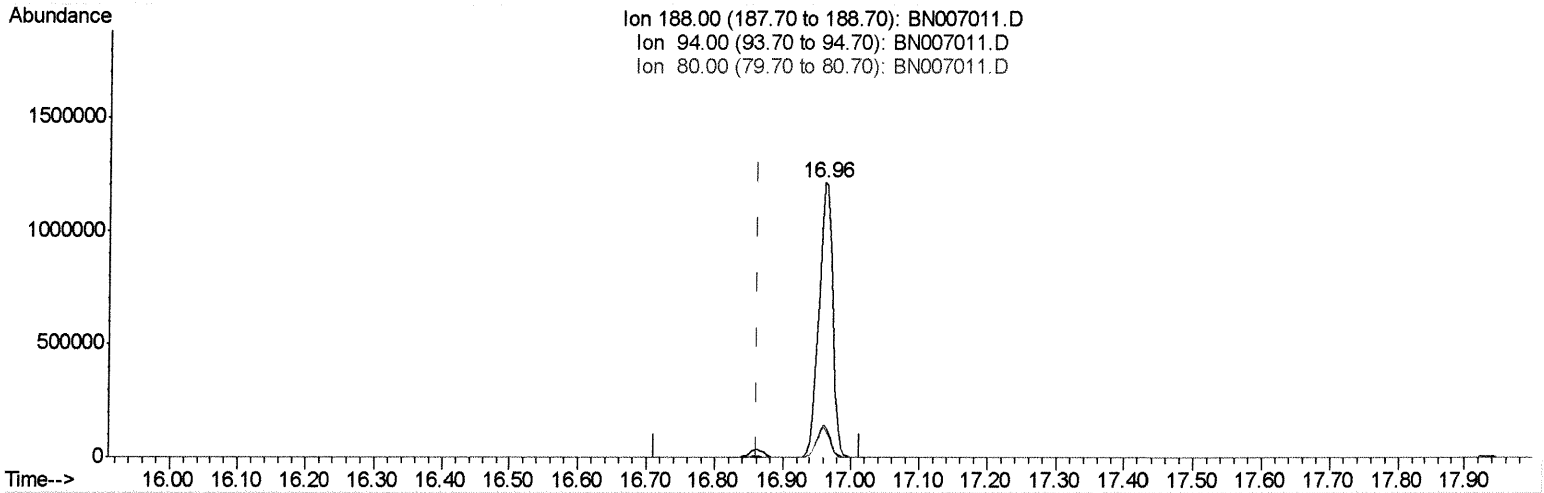
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 07:49:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.959min (+0.097) 0.40ng/ul

response 1713827

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.88
80.00	12.40	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

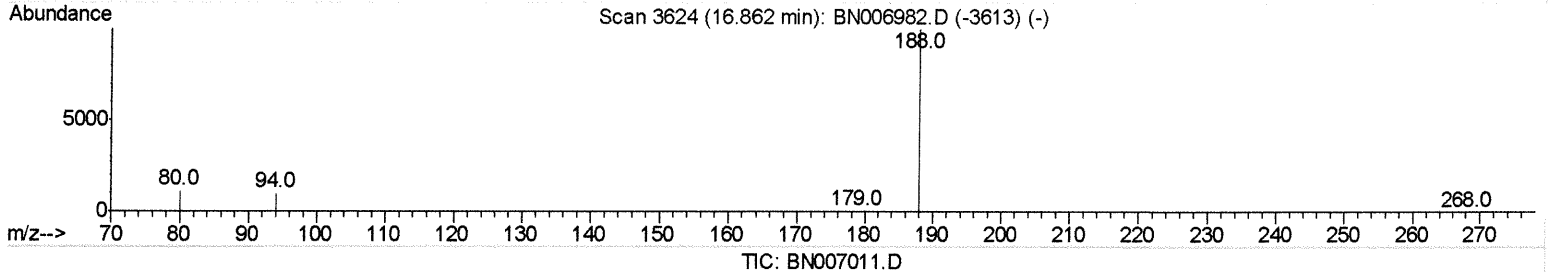
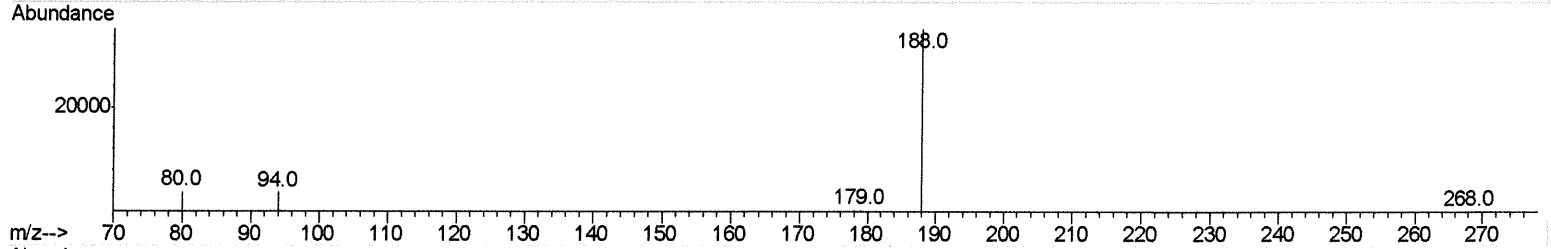
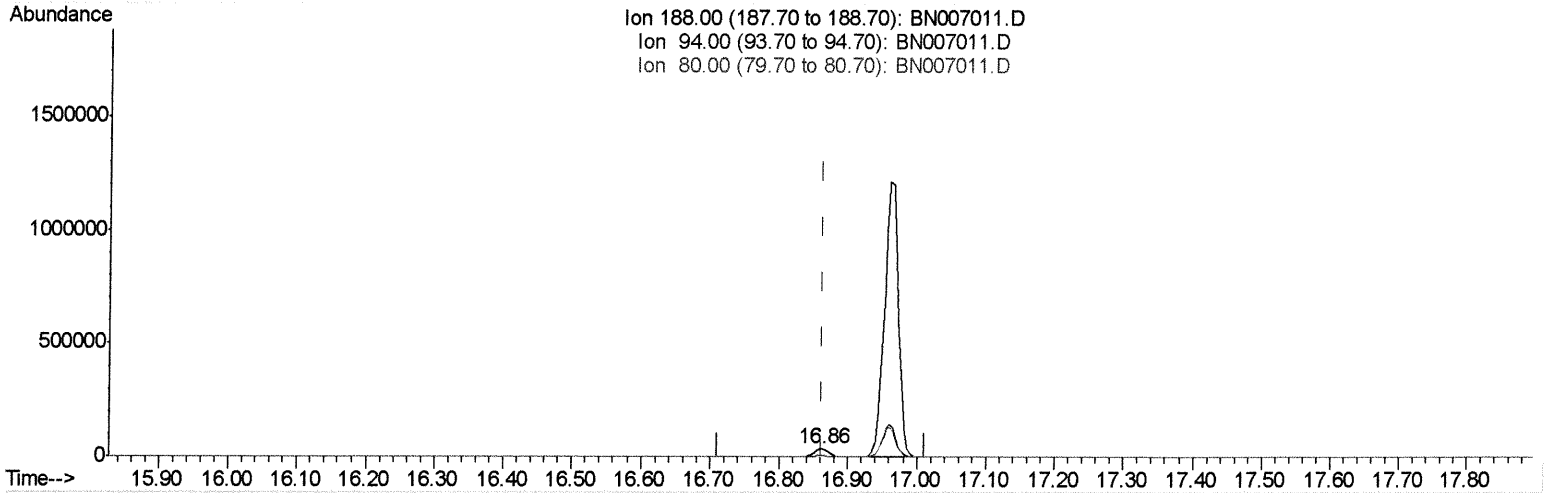
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 07:49:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.862min (-0.000) 0.40ng/ul m

Ju
08/09/19

response 47880

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.19
80.00	12.40	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

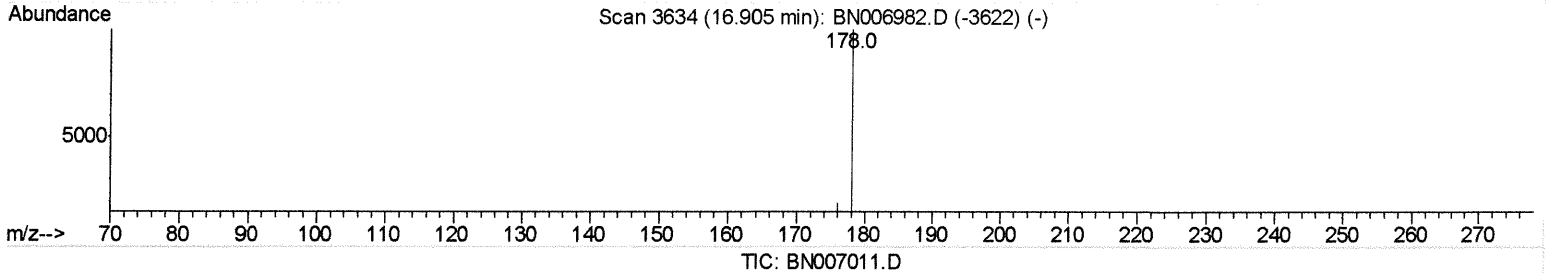
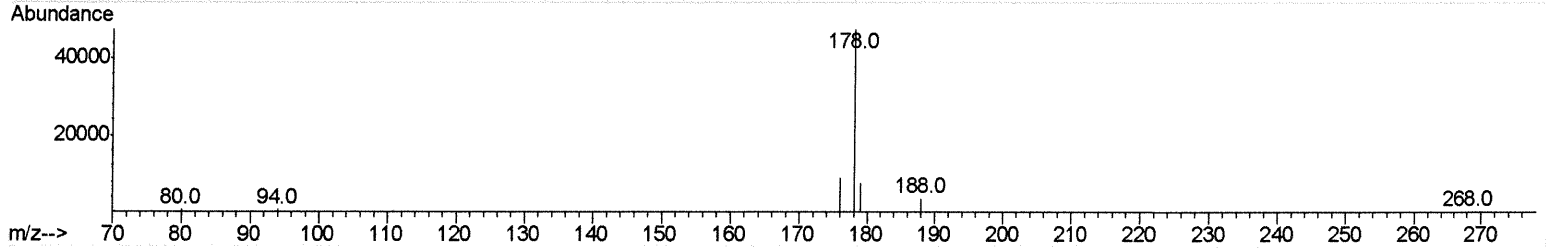
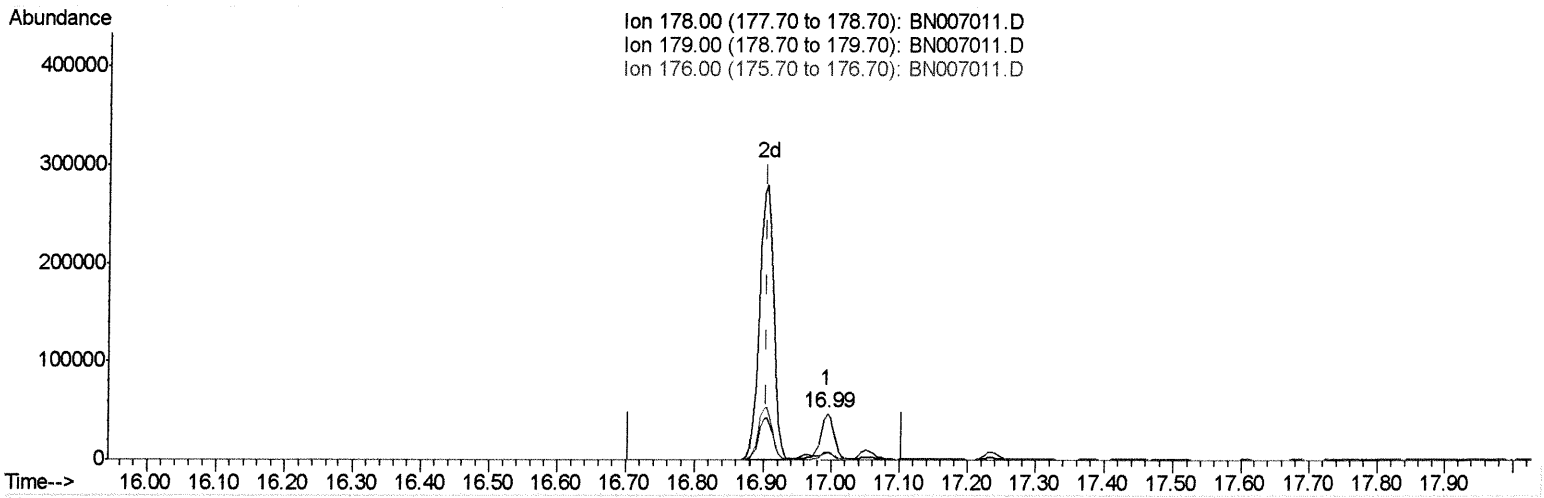
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ7

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(12) Phenanthrene

16.993min (+0.089) 0.42ng/ul

response 63331

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.19
176.00	19.50	18.66
0.00	0.00	0.00

Quantitation Report (Qedit)

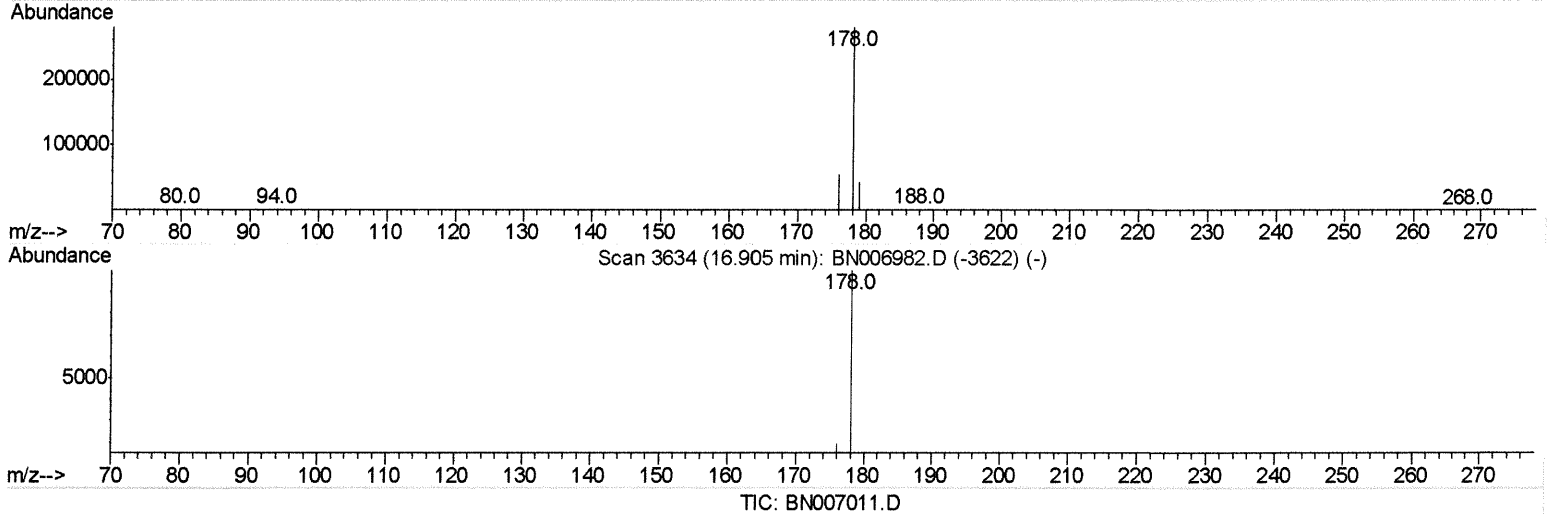
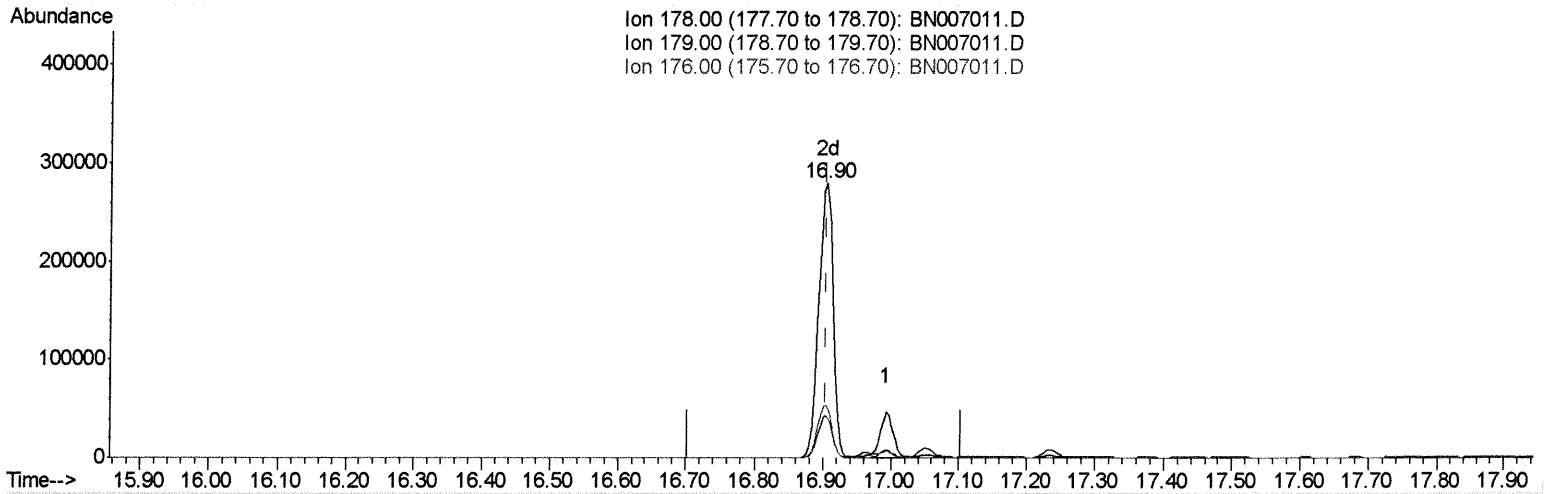
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(12) Phenanthrene

16.905min (-0.000) 2.61ng/ul m

JU
08/09/19

response 397519

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.39
176.00	19.50	19.24
0.00	0.00	0.00

Quantitation Report (Qedit)

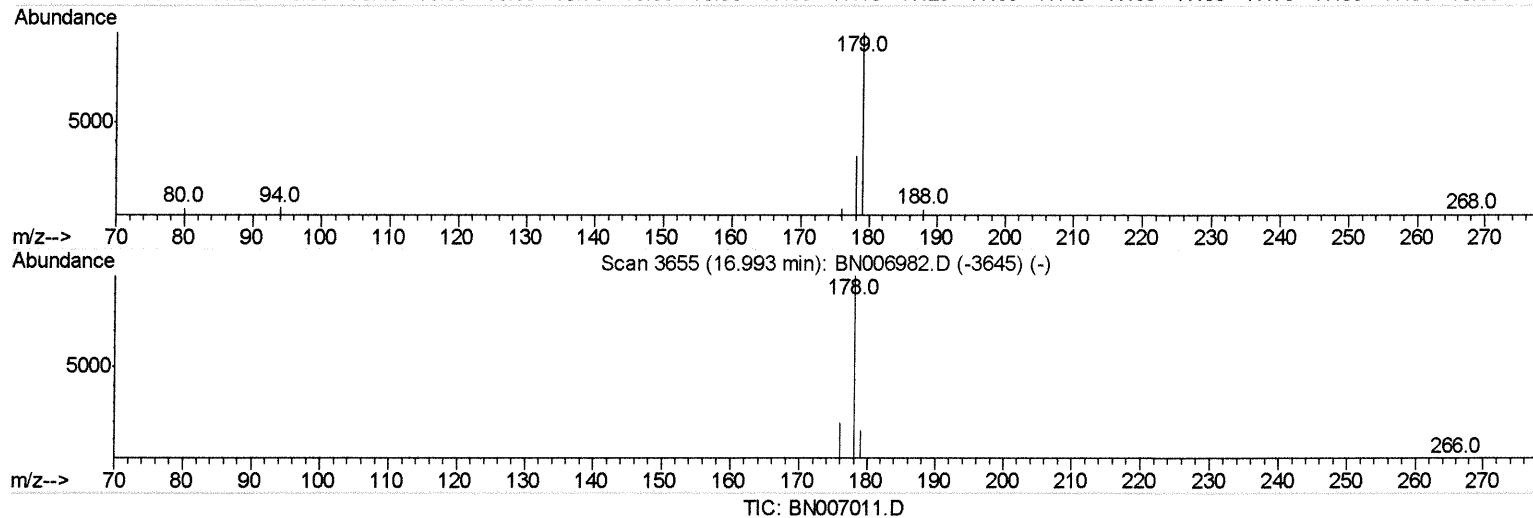
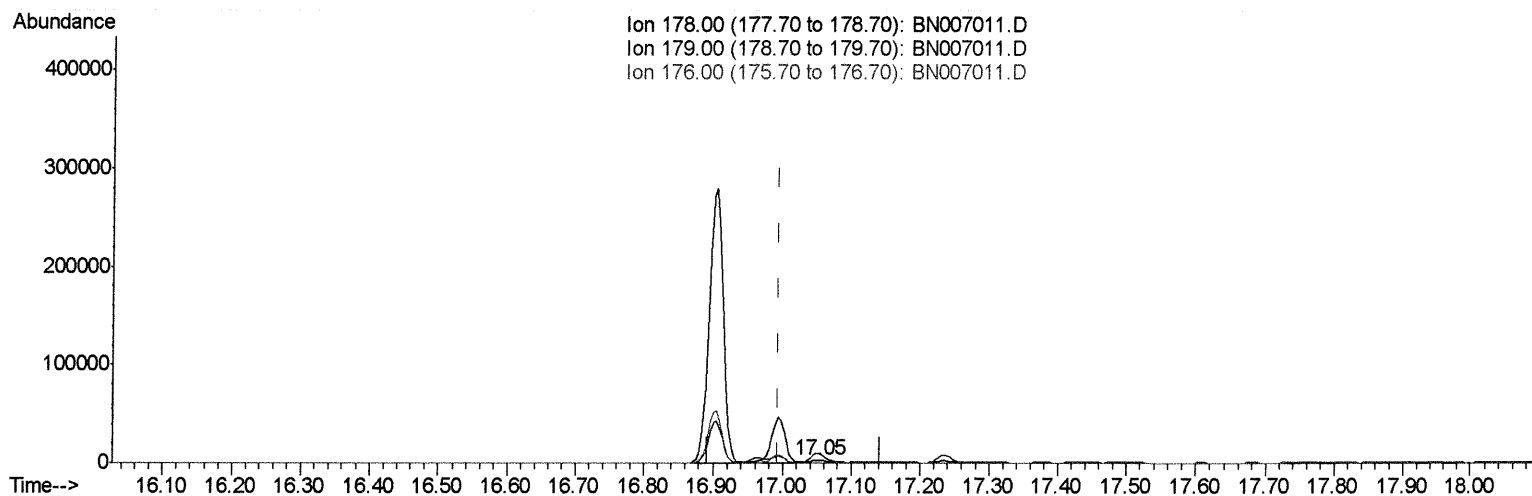
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



(13) Anthracene

17.052min (+0.059) 0.03ng/ul

response 4494

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	307.62#
176.00	19.20	13.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

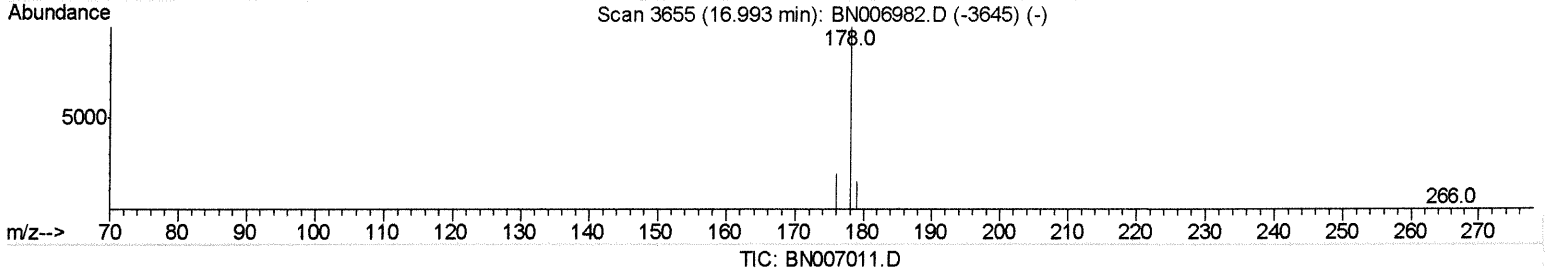
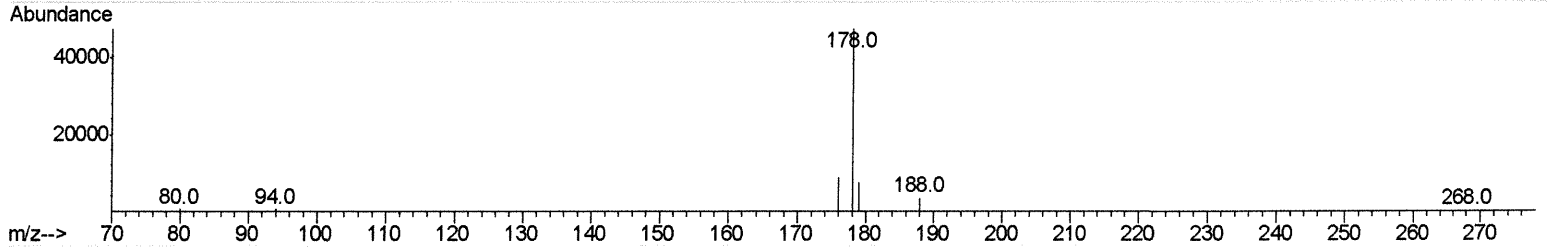
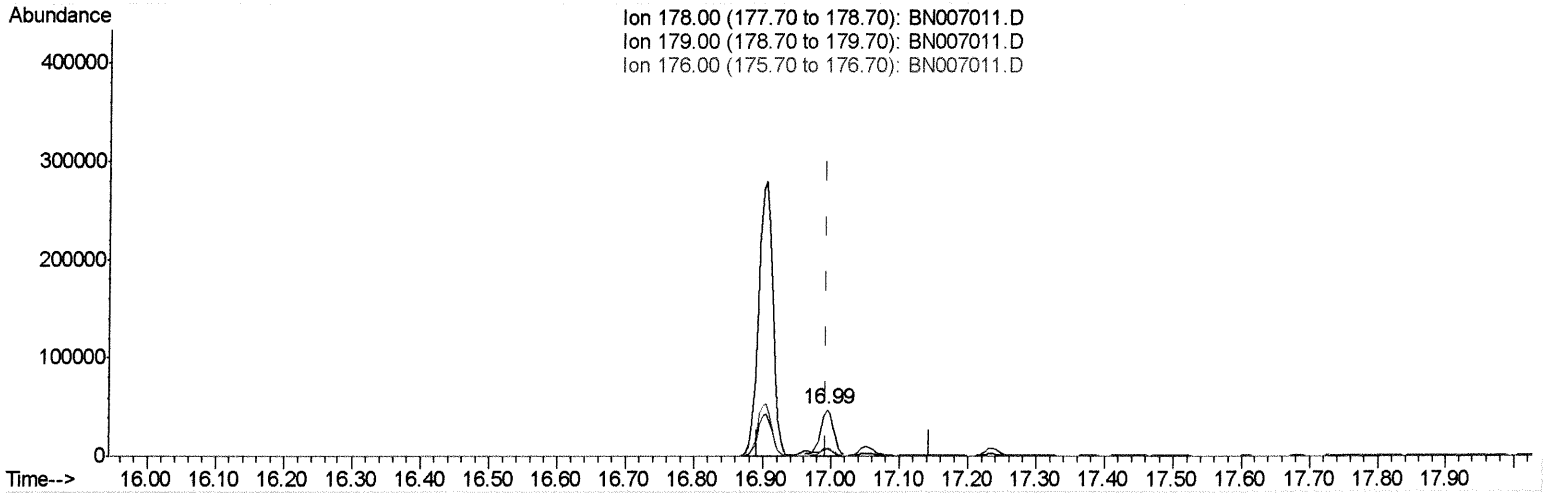
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(13) Anthracene

16.993min (-0.000) 0.40ng/ul m *JU 08/09/19*

response 62978

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	16.19
176.00	19.20	18.66
0.00	0.00	0.00

Quantitation Report (Qedit)

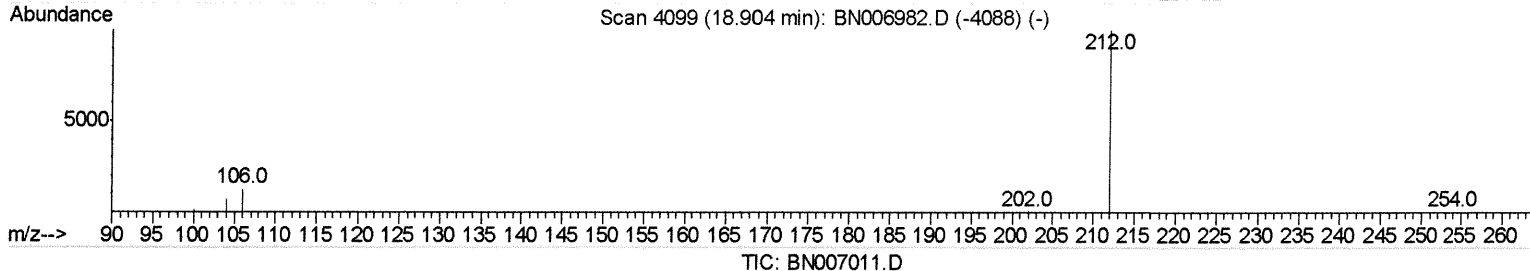
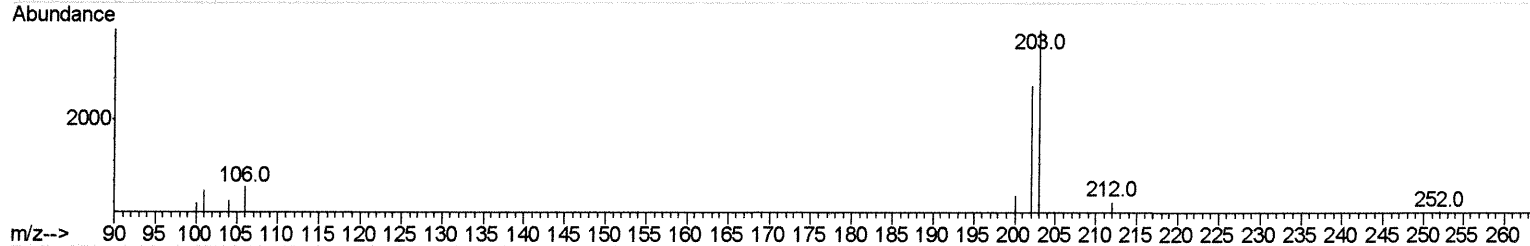
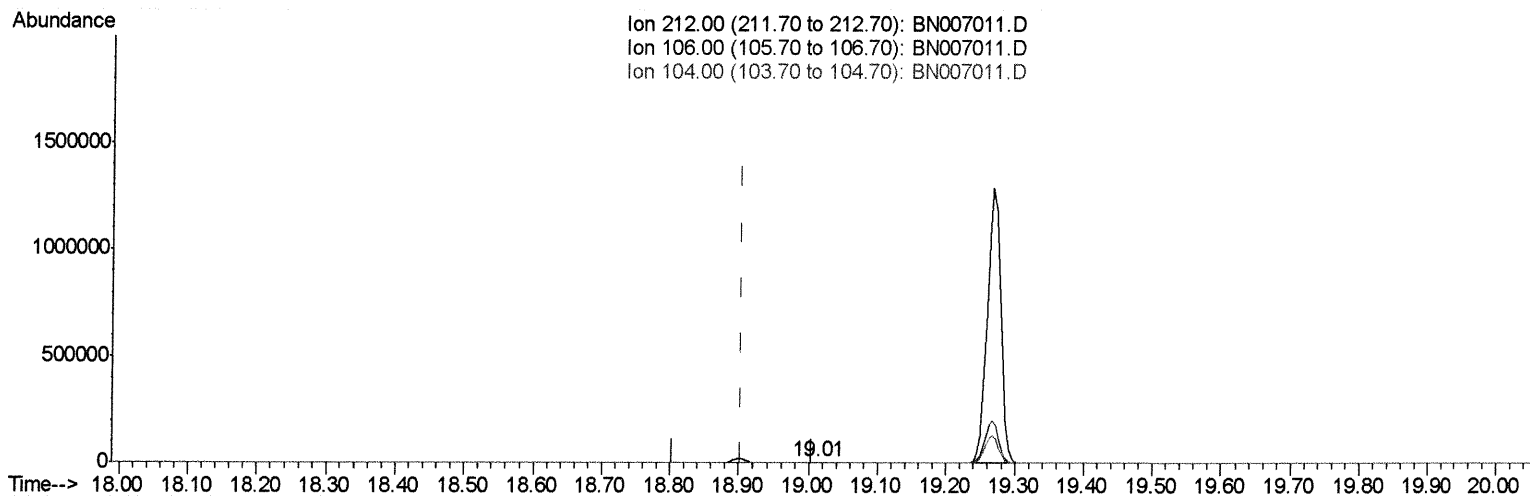
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.011min (+0.107) 0.00ng/ui

response 415

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	49.64#
104.00	7.10	21.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

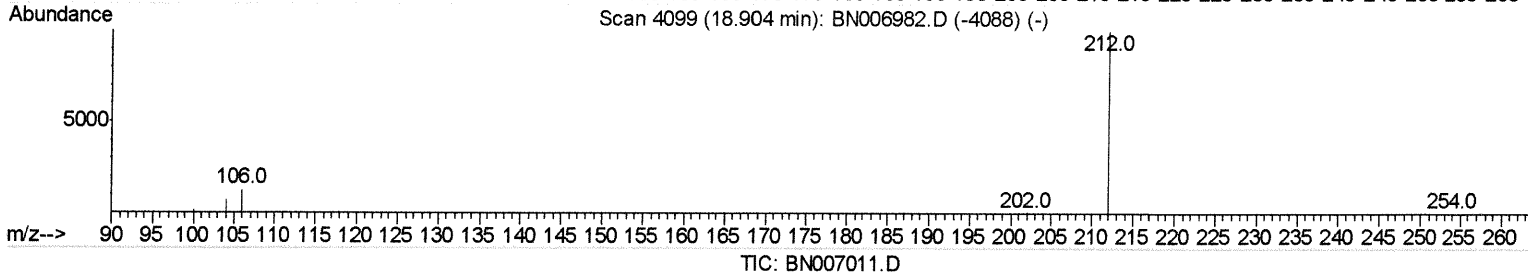
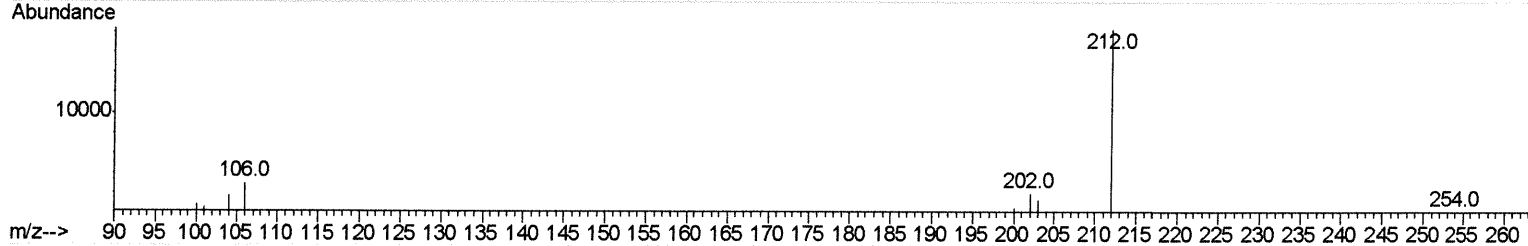
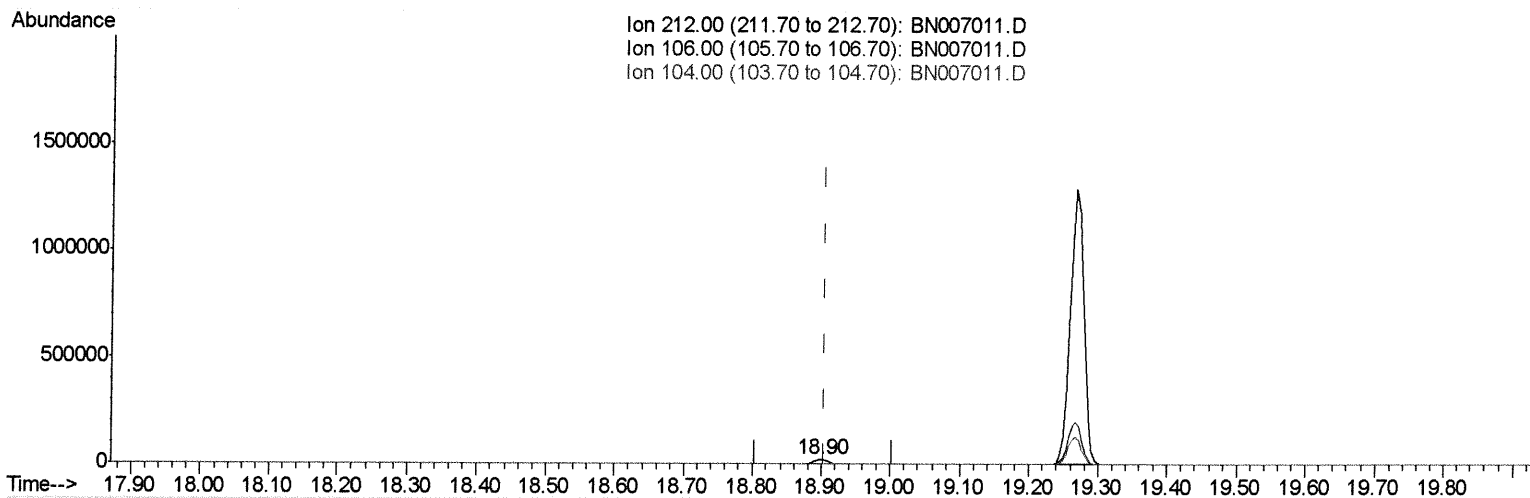
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (Surr)

18.900min (-0.005) 0.16ng/ul m

JU
 08/09/19

response 24432

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	0.84#
104.00	7.10	0.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

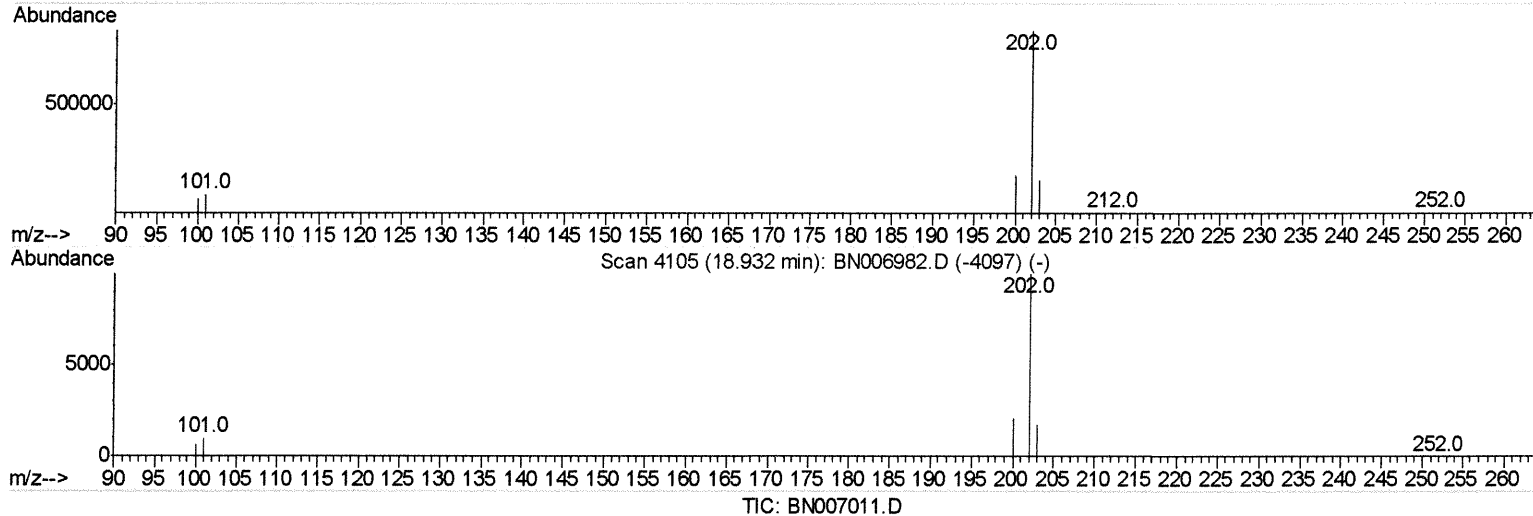
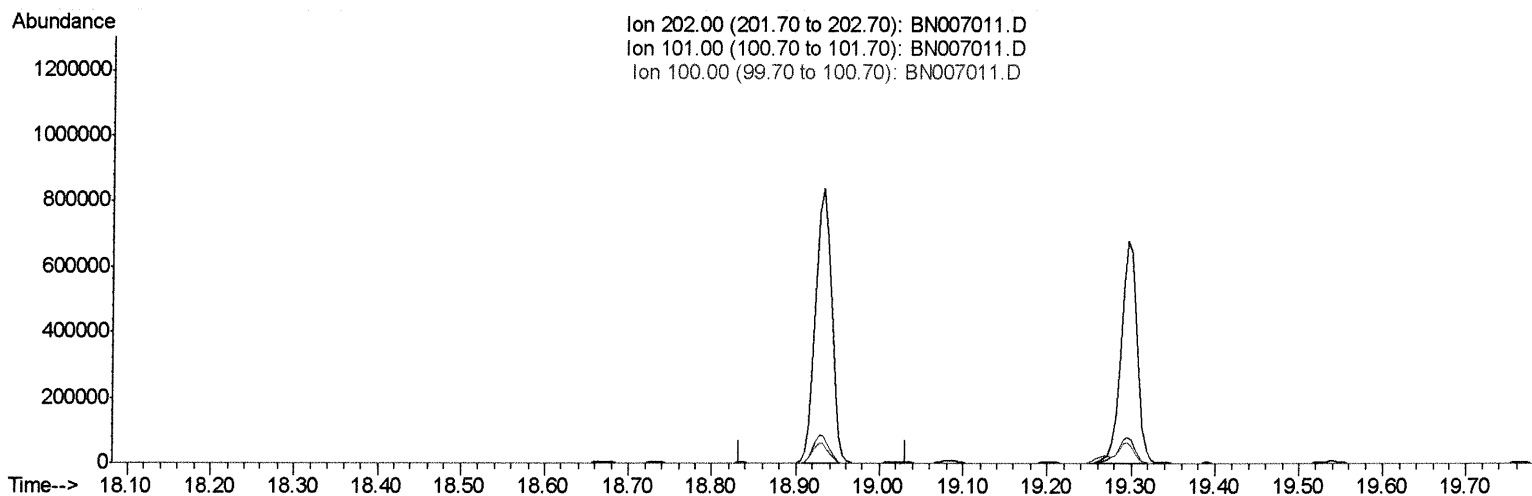
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

18.932min (-18.932) 0.00ng/ui

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.00	0.00
100.00	7.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

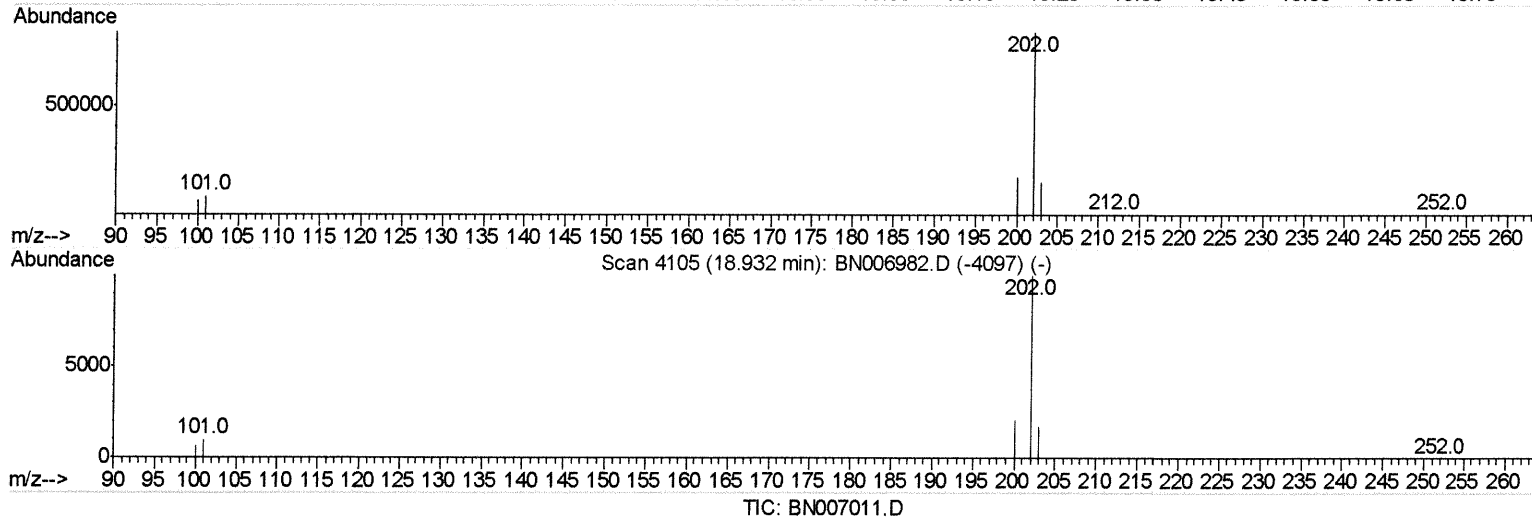
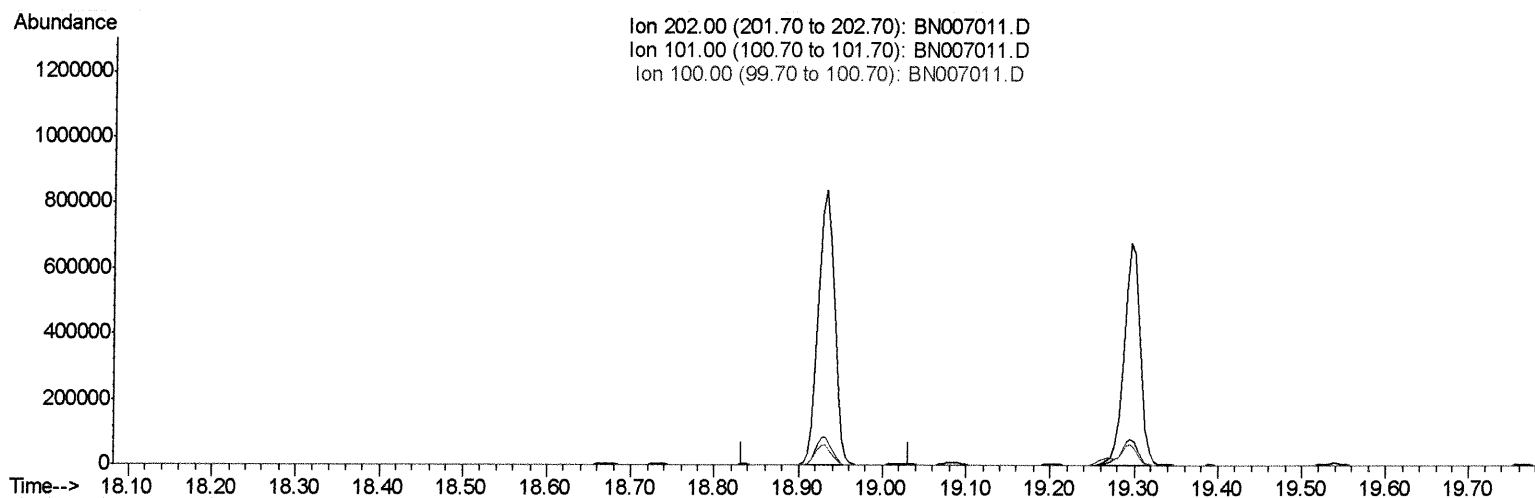
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

18.932min (-18.932) 0.00ng/ui

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.00	0.00
100.00	7.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

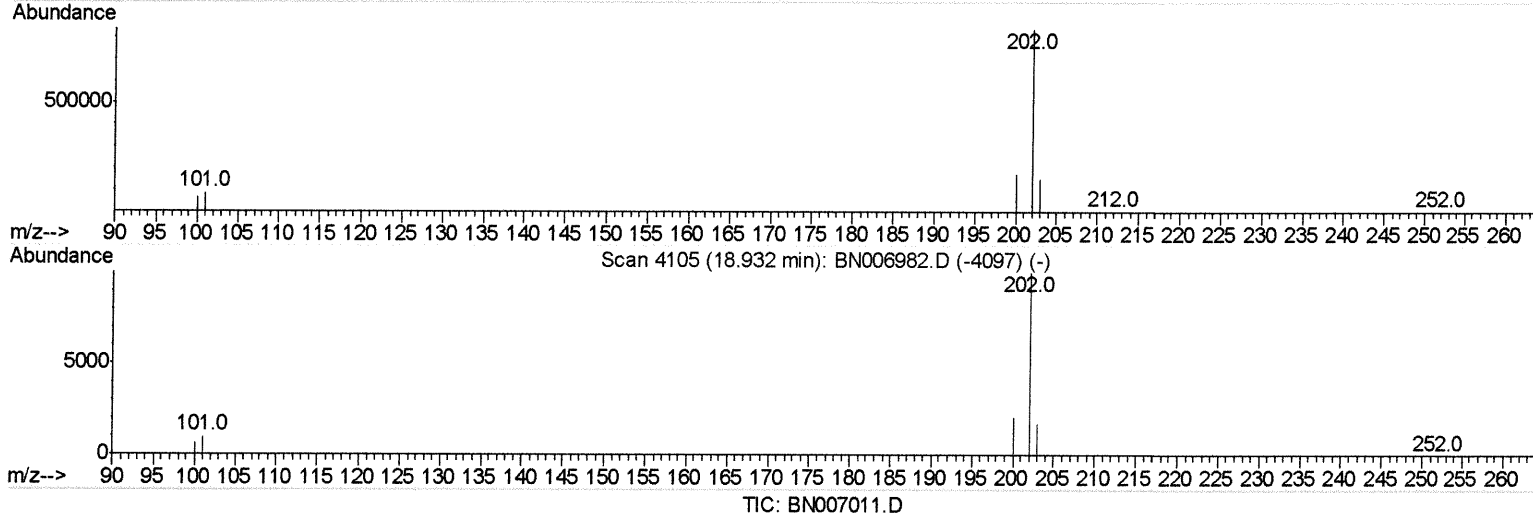
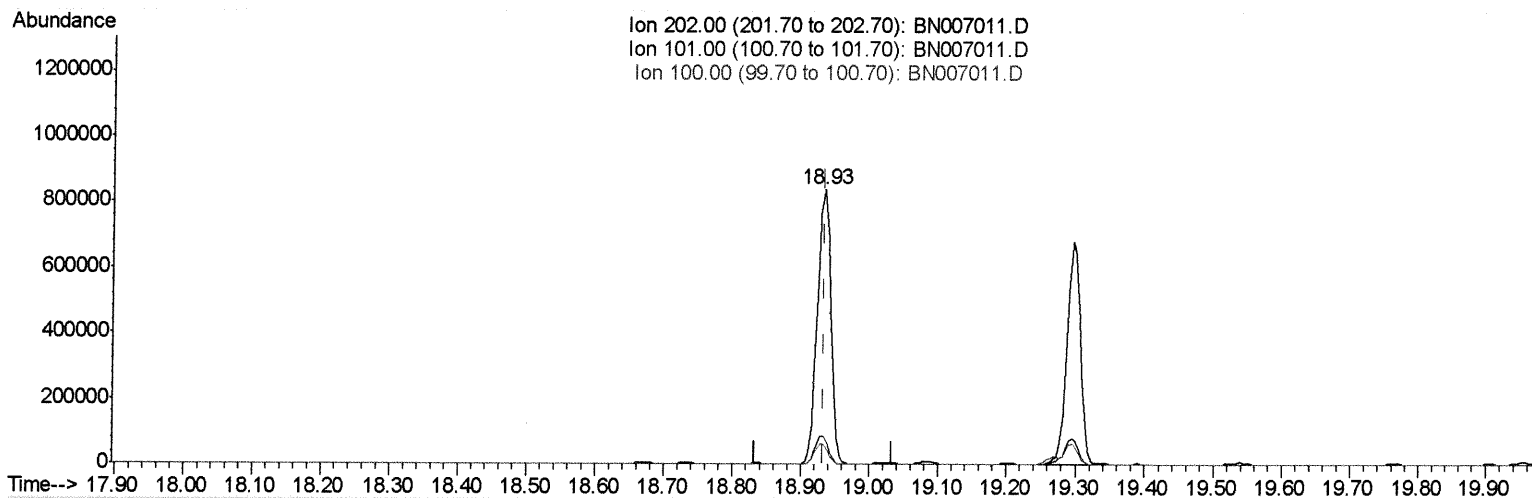
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

18.932min (-0.000) 5.93ng/ul m

JU
 08/09/19

response 1123908

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.81
100.00	7.70	7.33
0.00	0.00	0.00

Quantitation Report (Qedit)

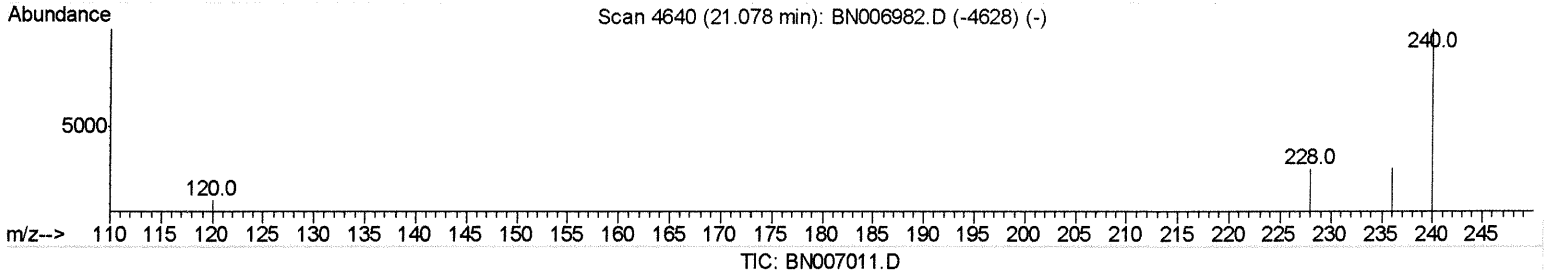
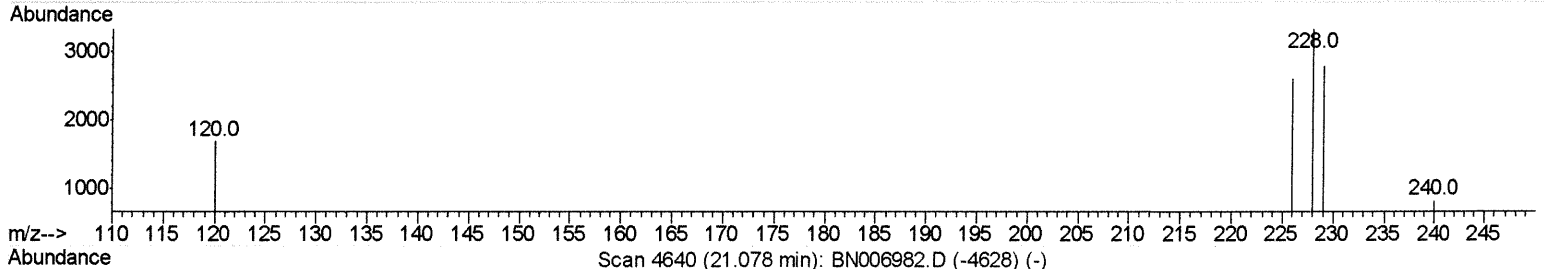
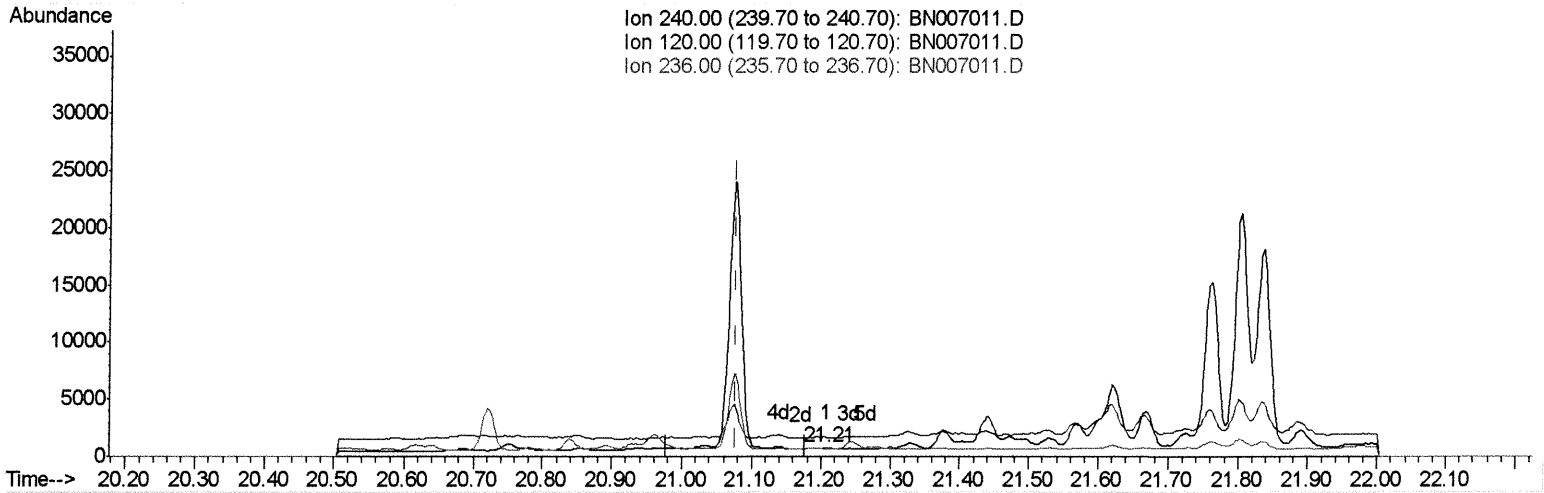
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 BENZ7

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.209min (+0.130) 0.40ng/ul

response 287

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	205.60#
236.00	29.00	82.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

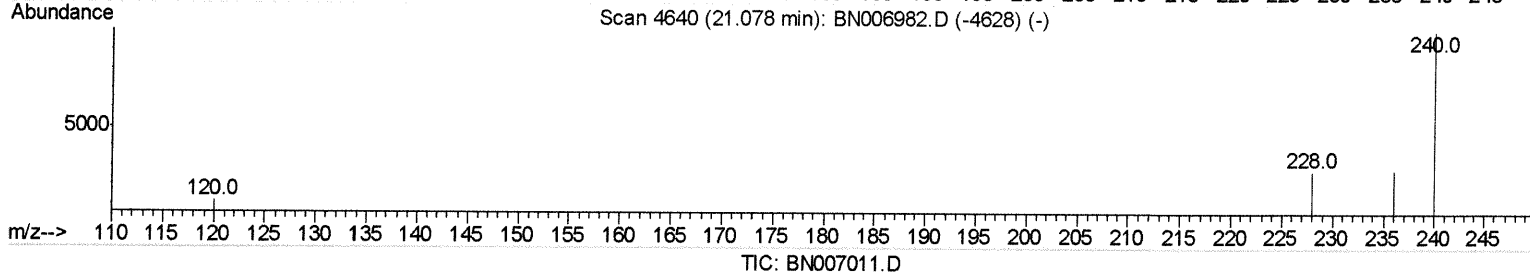
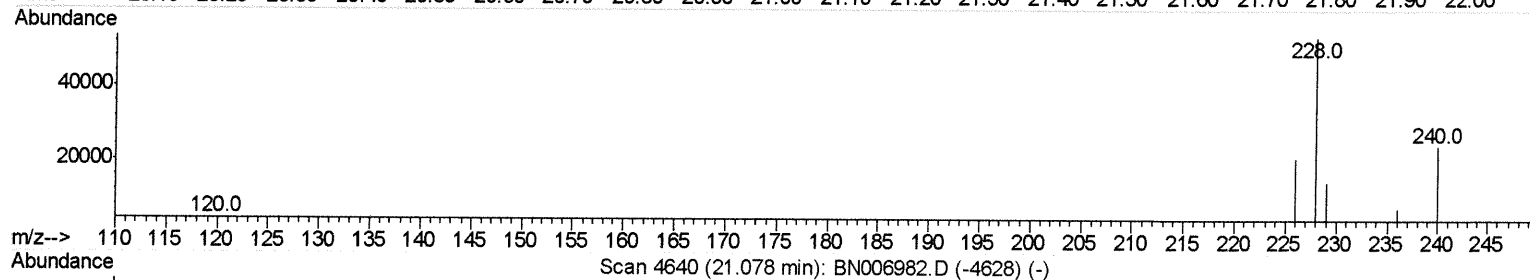
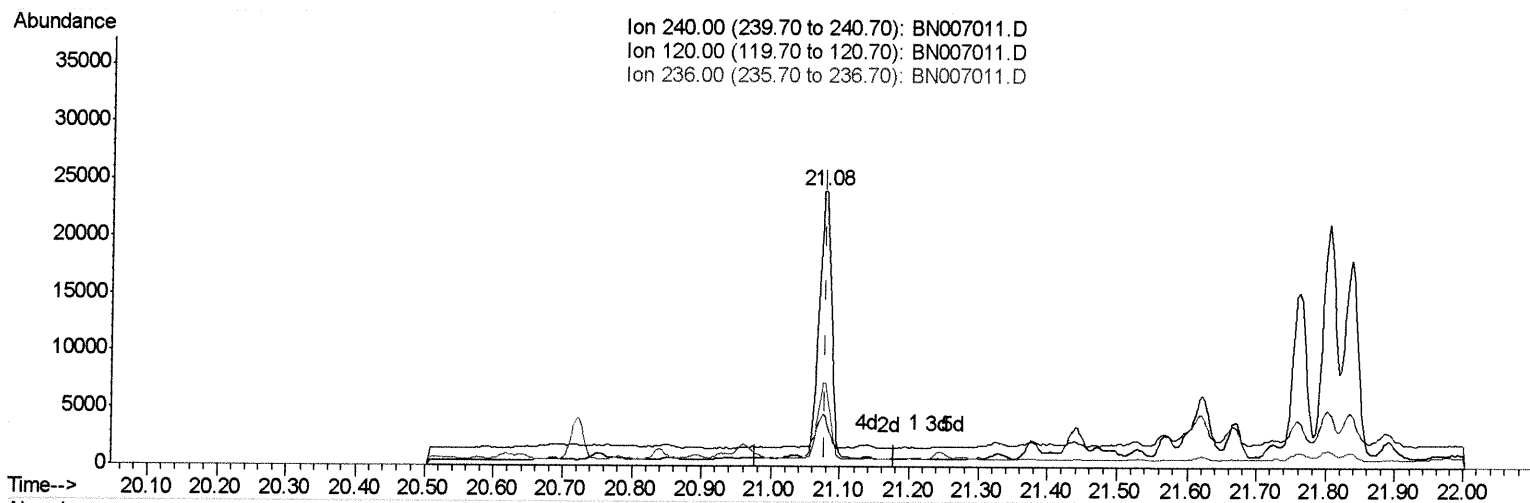
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 BENZ7

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.077min (-0.001) 0.40ng/ul m *JU 08/09/19*

response 28181

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	18.07#
236.00	29.00	30.42
0.00	0.00	0.00

Quantitation Report (Qedit)

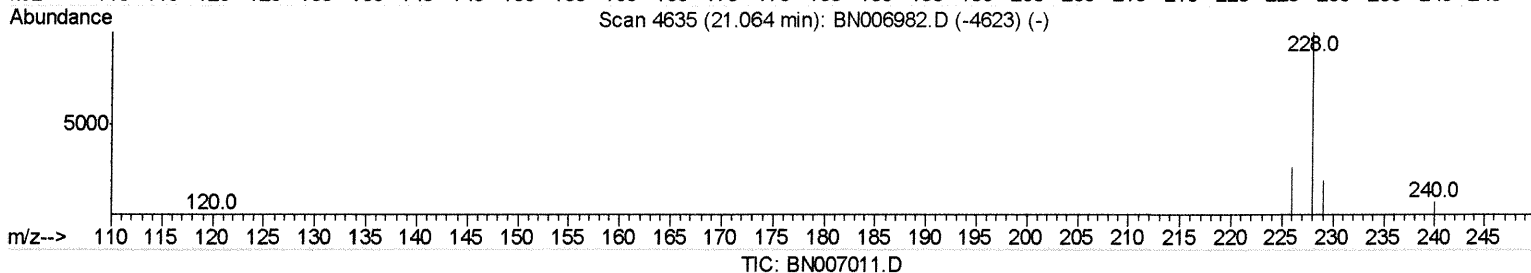
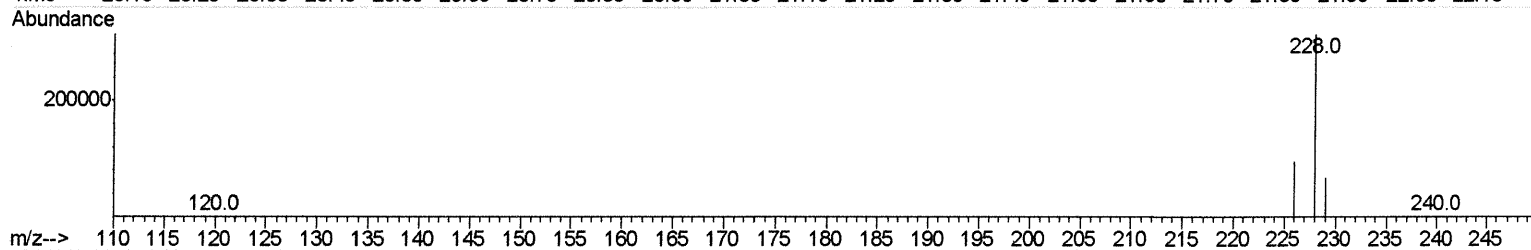
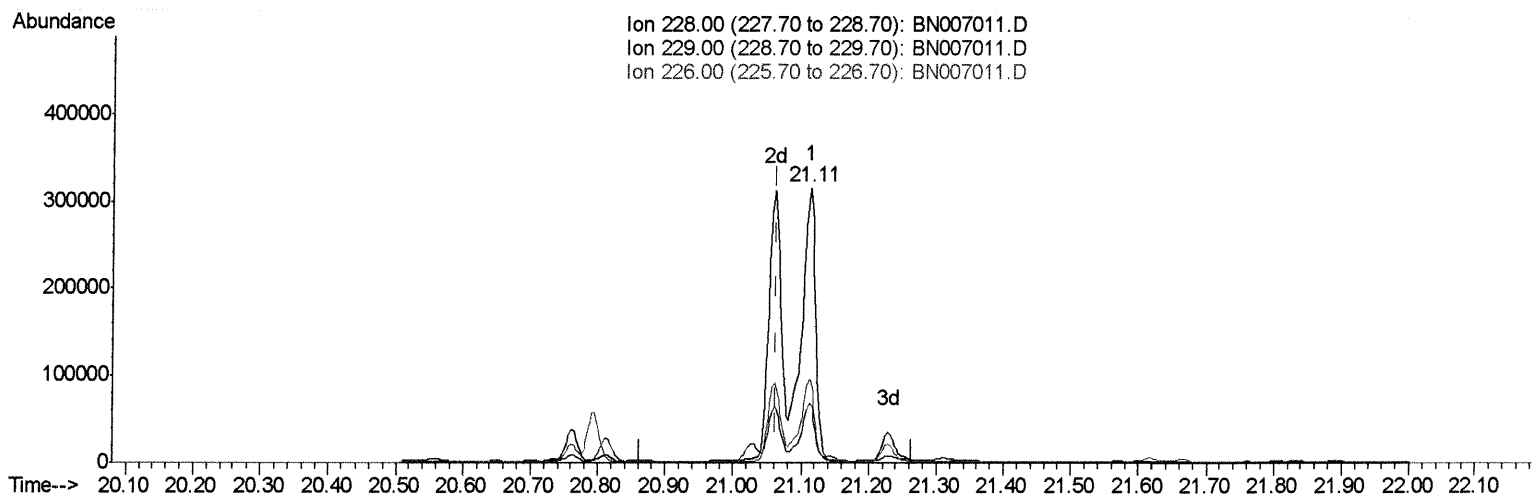
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.112min (+0.048) 3.70ng/ul

response 458390

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.62
226.00	27.80	30.63
0.00	0.00	0.00

Quantitation Report (Qedit)

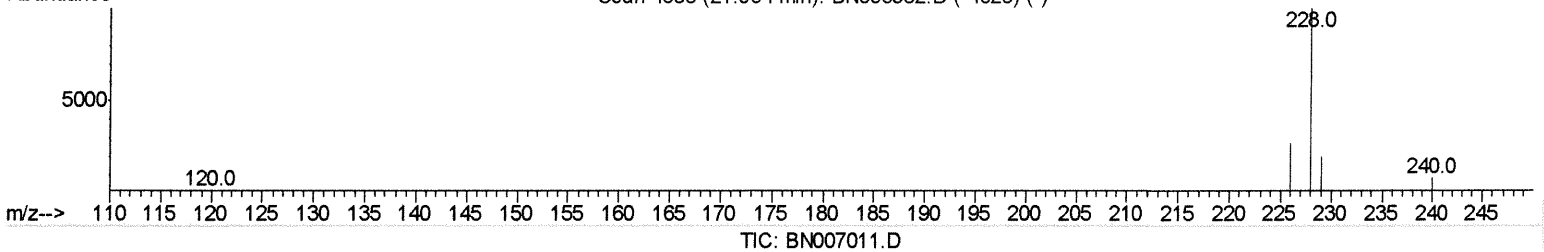
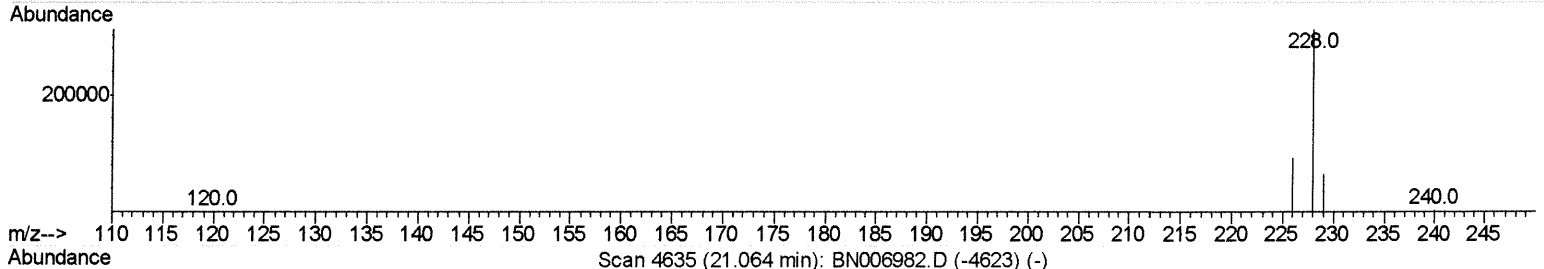
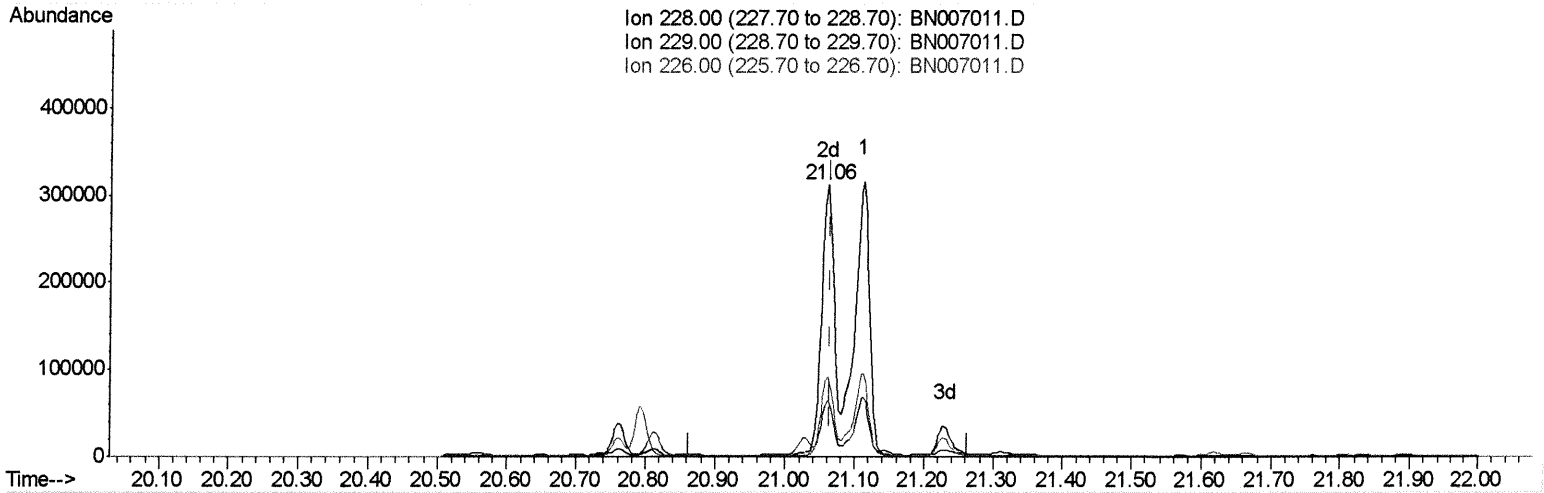
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.060min (-0.004) 3.06ng/ul m

JU
 08/09/19

response 378828

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.87
226.00	27.80	29.58
0.00	0.00	0.00

Quantitation Report (Qedit)

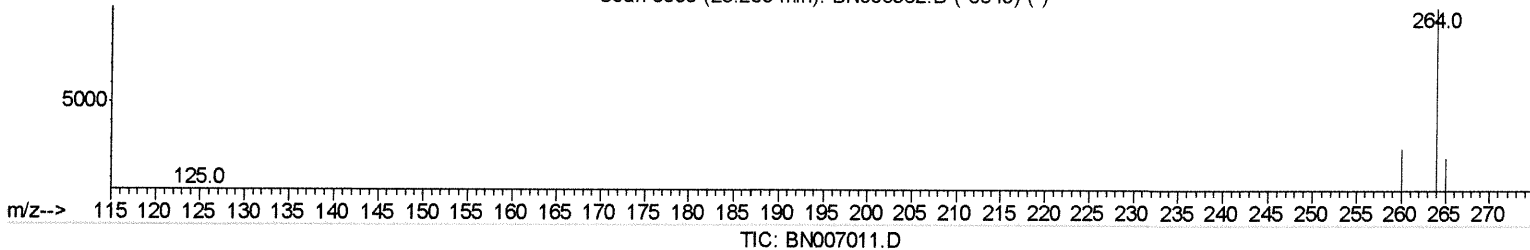
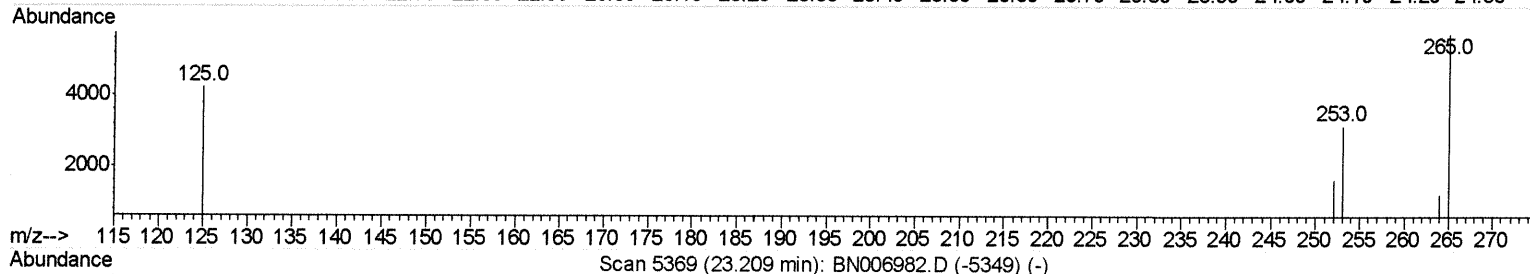
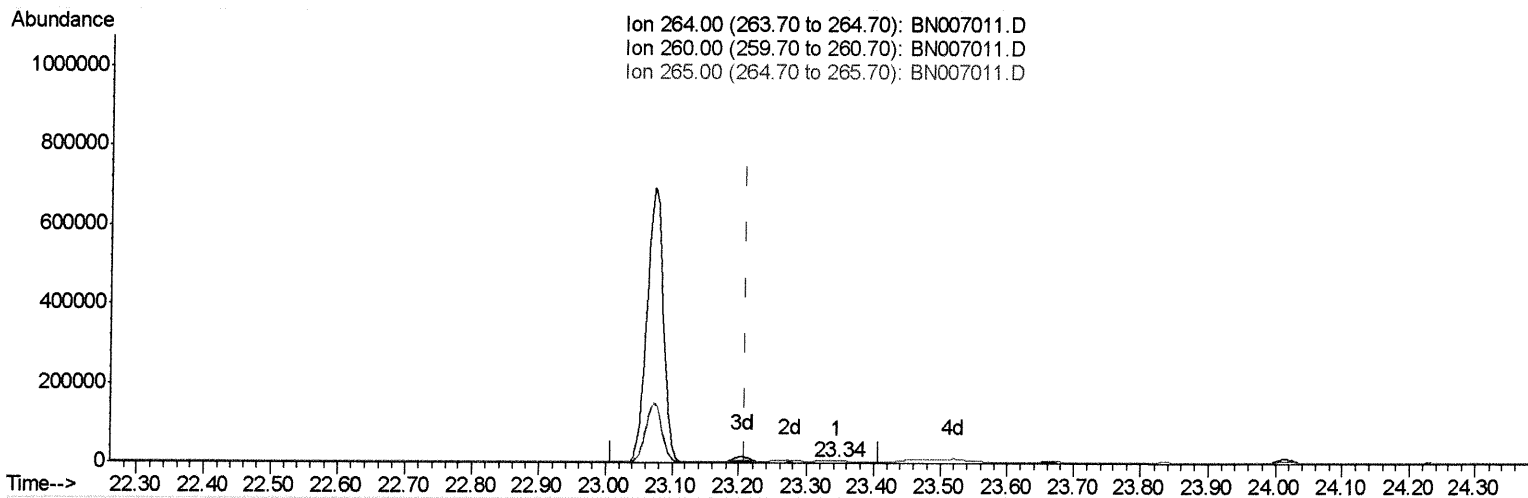
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.345min (+0.136) 0.40ng/ul

response 1787

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	50.04#
265.00	27.80	472.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

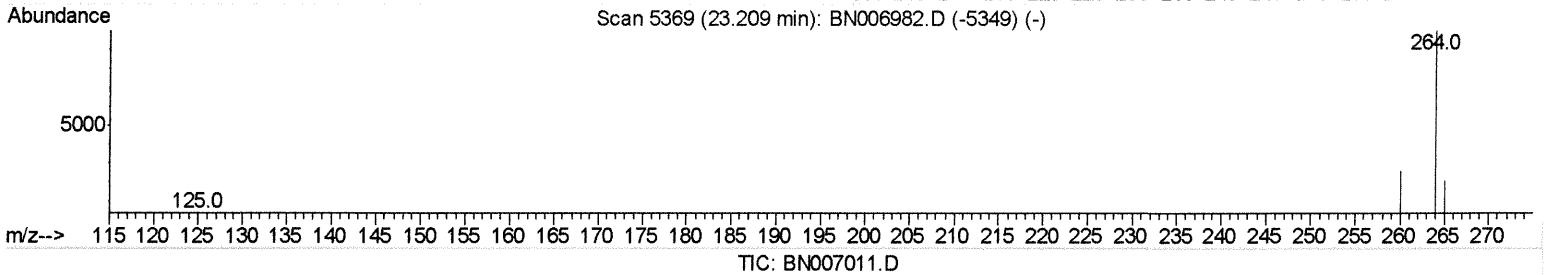
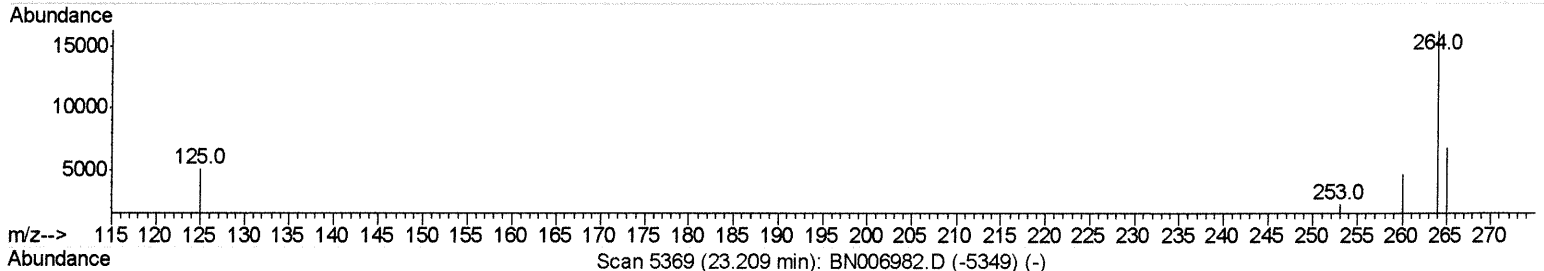
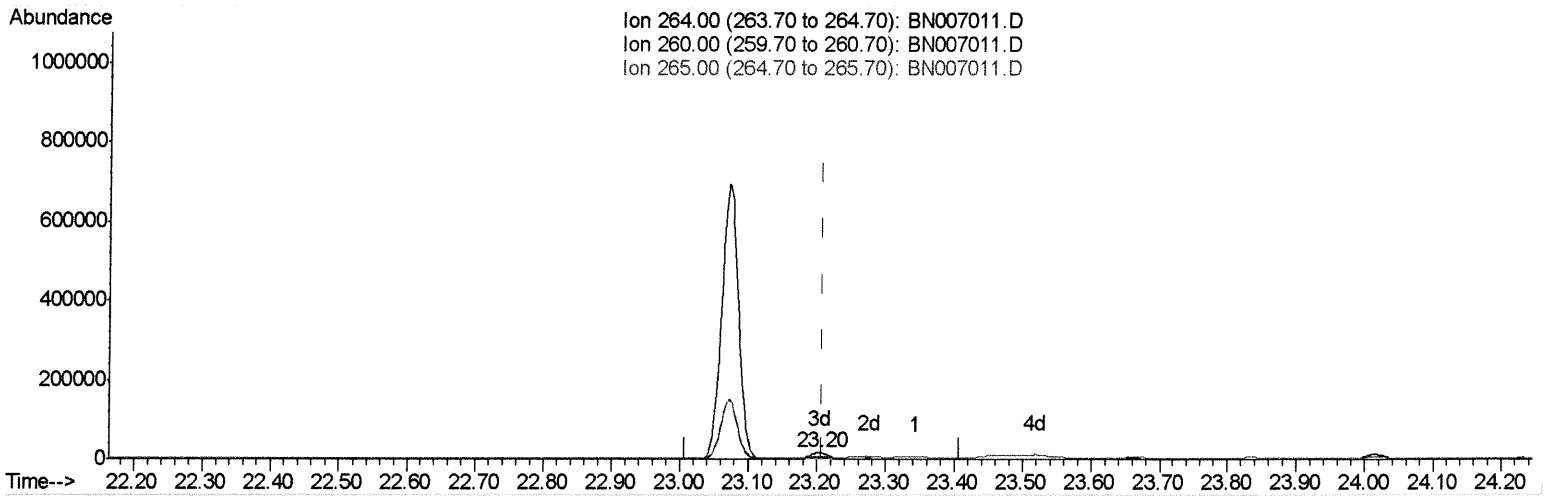
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.205min (-0.004) 0.40ng/ul m

JU
 08/09/19

response 27301

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.74
265.00	27.80	41.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

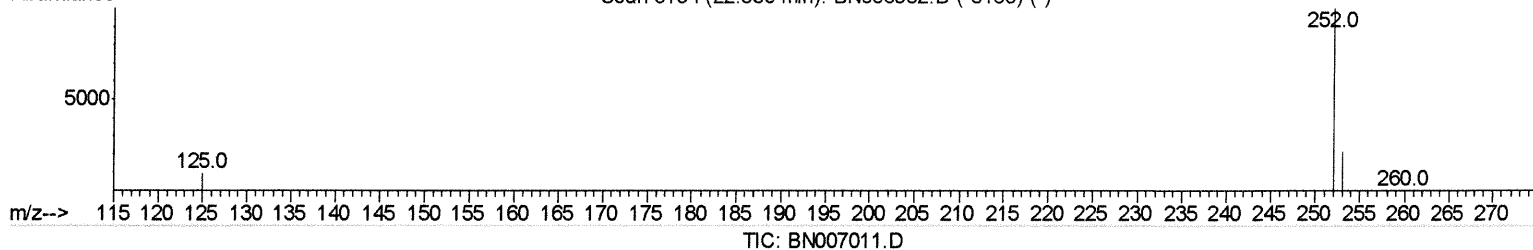
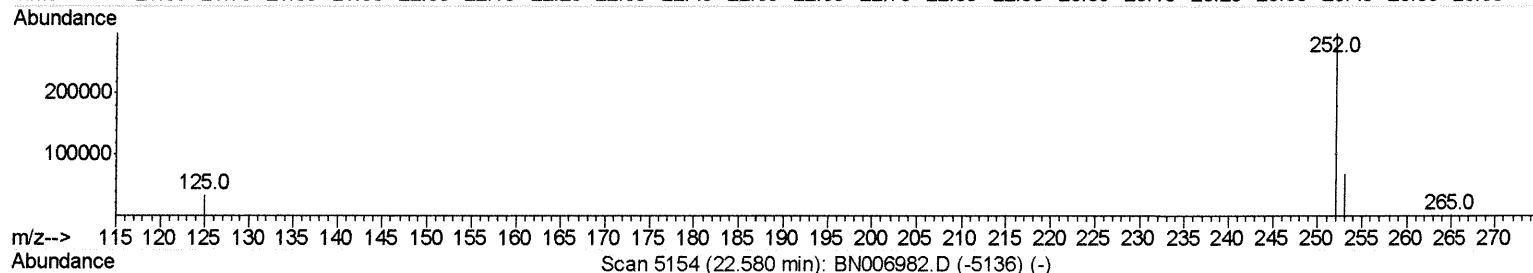
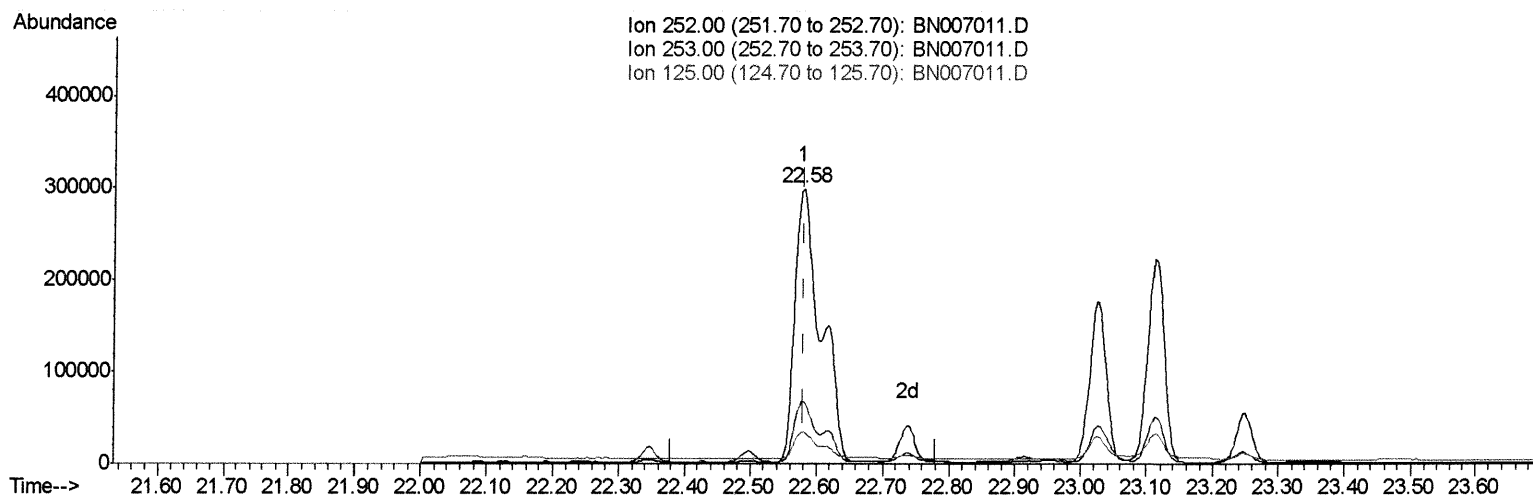
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.579min (-0.001) 7.39ng/ul

response 817979

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.83
125.00	11.10	11.40
0.00	0.00	0.00

Quantitation Report (Qedit)

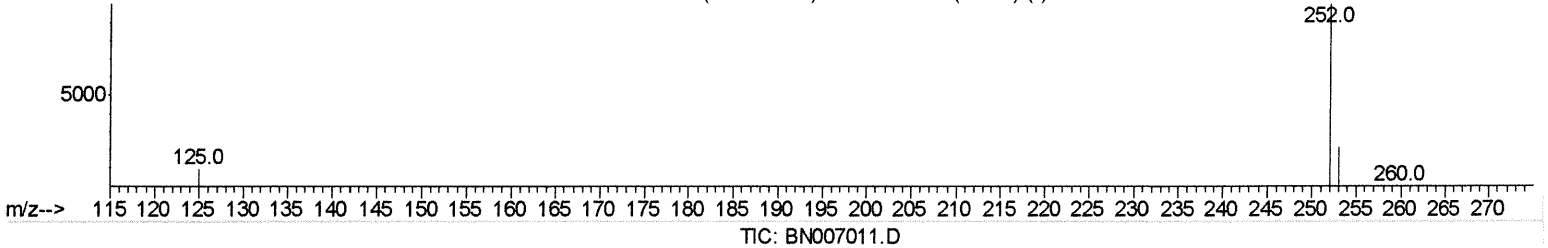
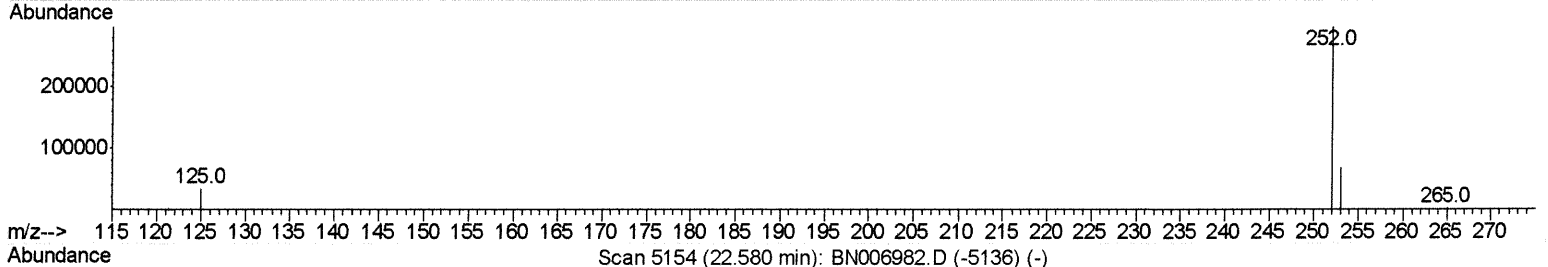
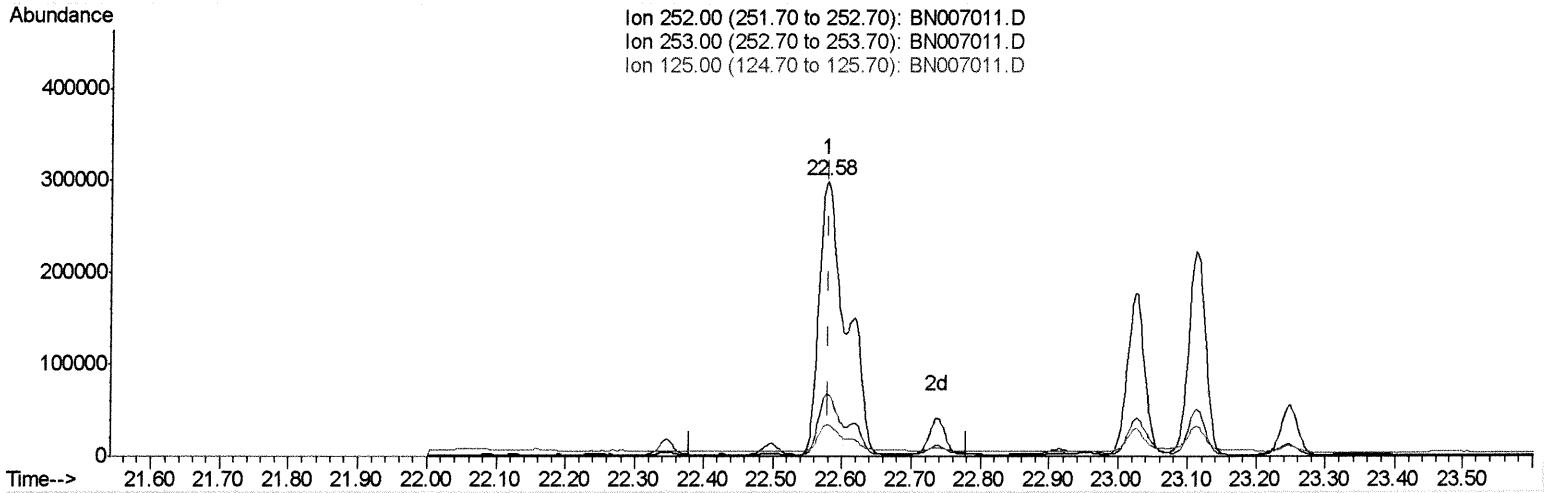
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.579min (-0.001) 5.28ng/ul m

JU
08/09/19

response 584420

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.83
125.00	11.10	11.40
0.00	0.00	0.00

Quantitation Report (Qedit)

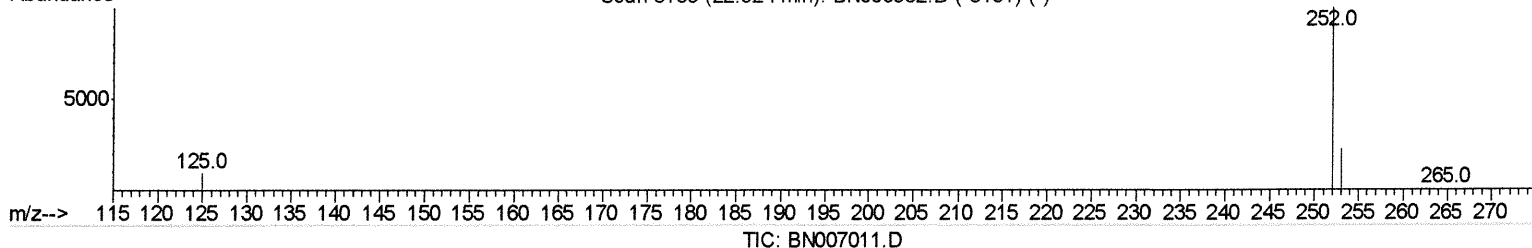
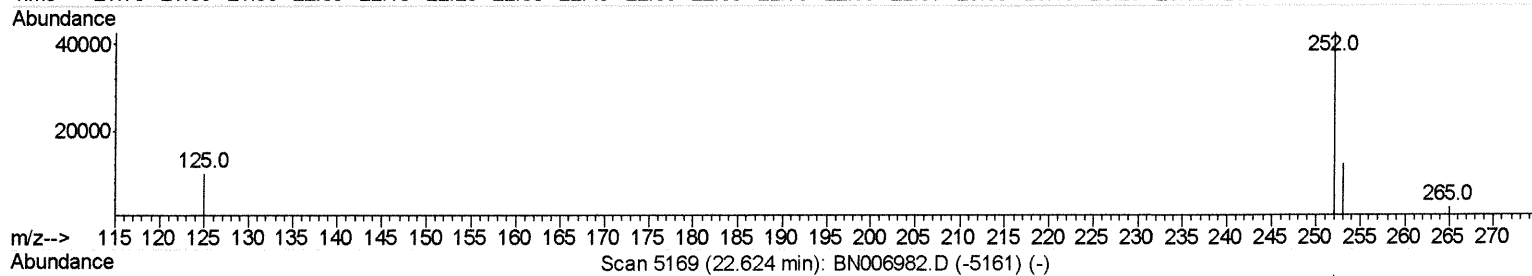
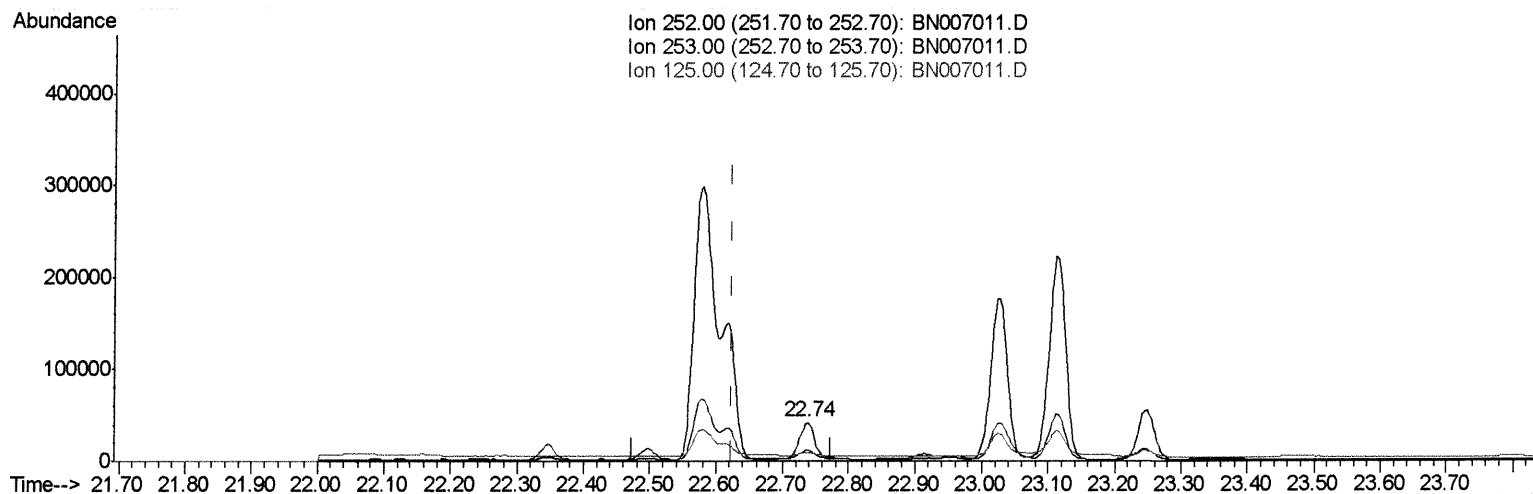
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.737min (+0.113) 0.64ng/ul

response 69098

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.04#
125.00	10.90	23.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

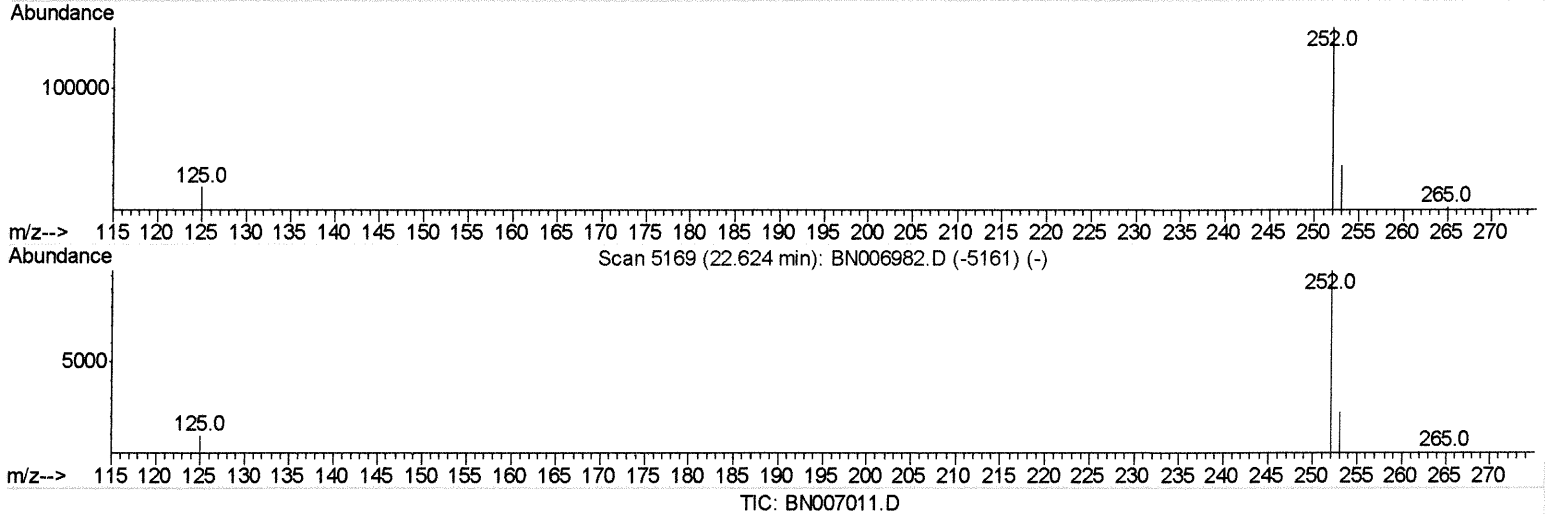
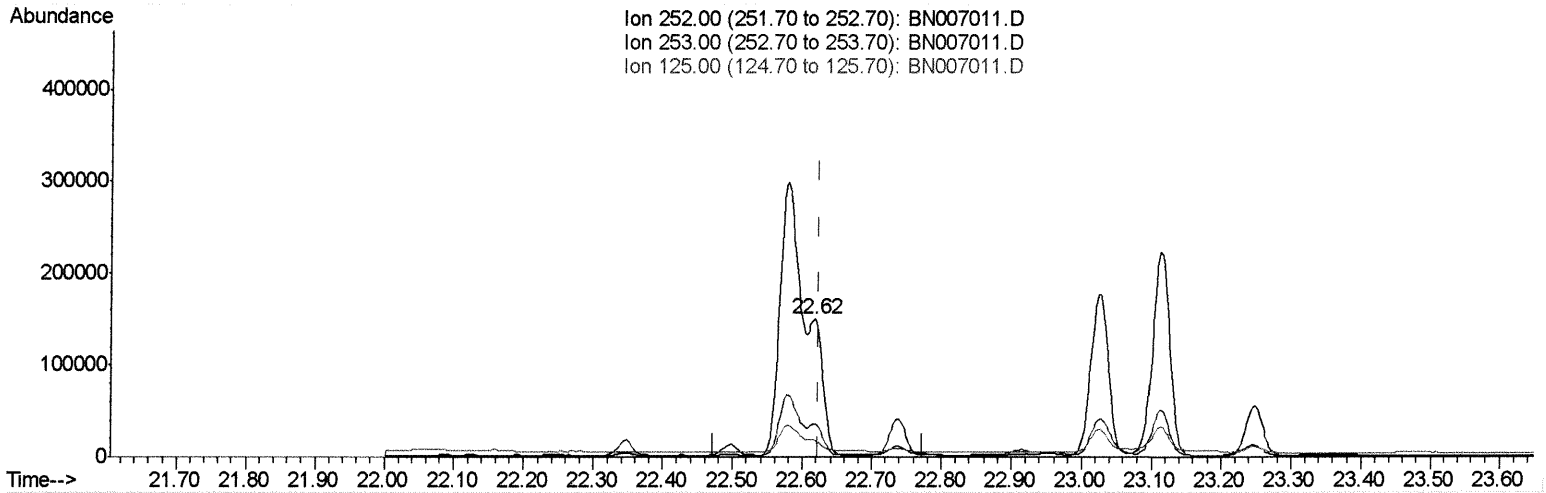
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ7

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.617min (-0.007) 1.93ng/ul m

Ju
08/09/19

response 207577

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.37
125.00	10.90	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

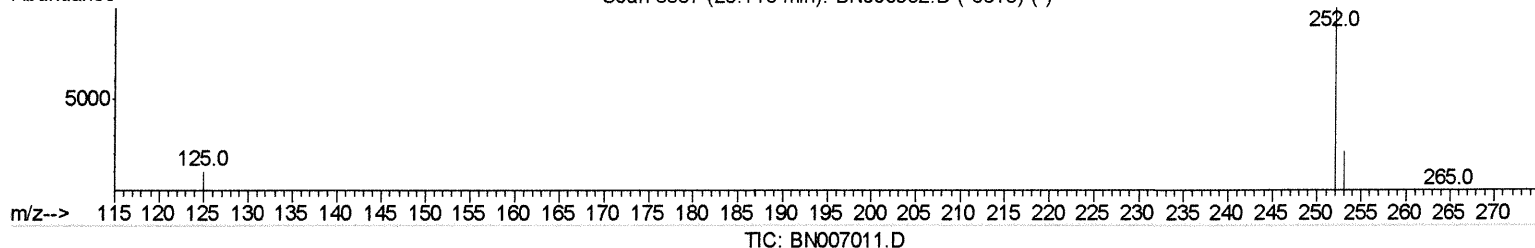
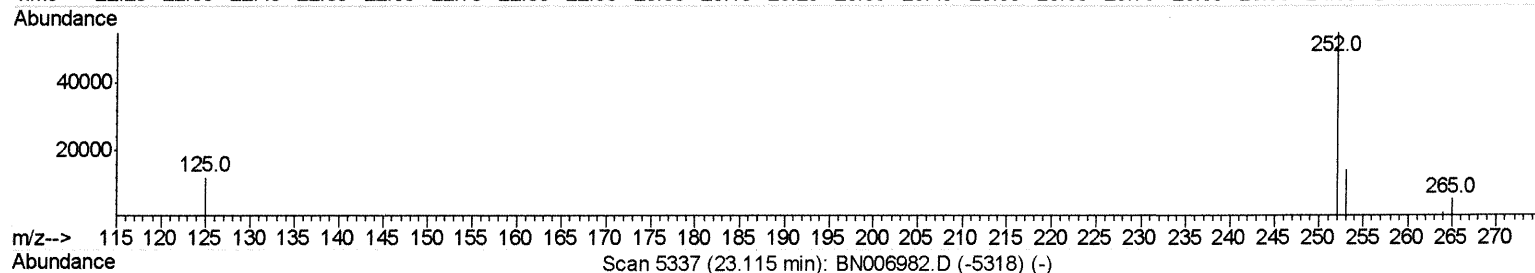
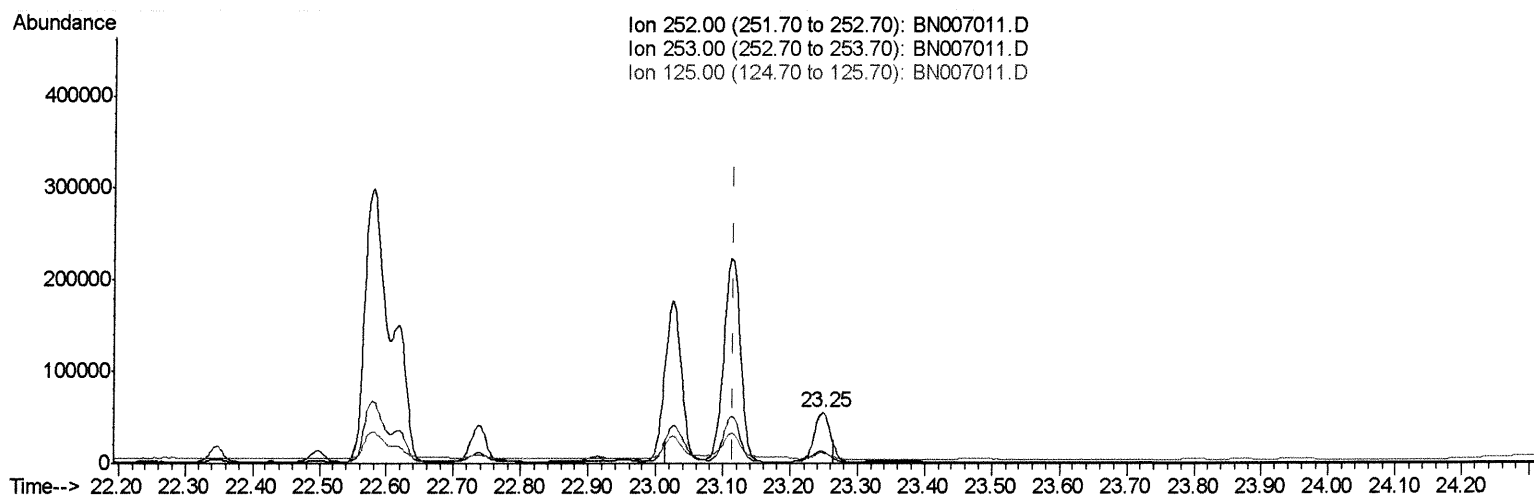
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.249min (+0.133) 0.91ng/ul

response 94592

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.20
125.00	12.50	21.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

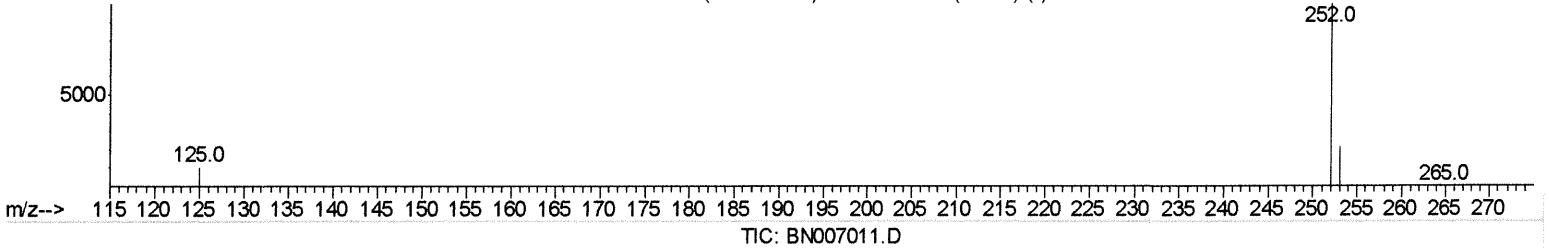
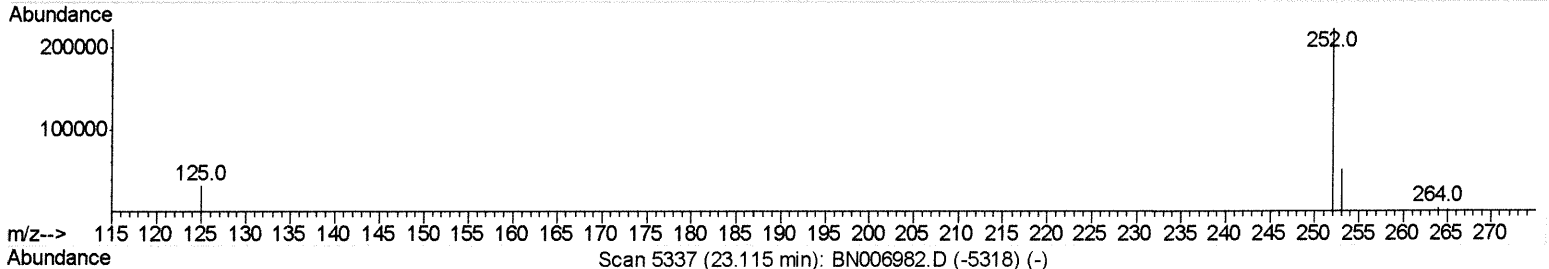
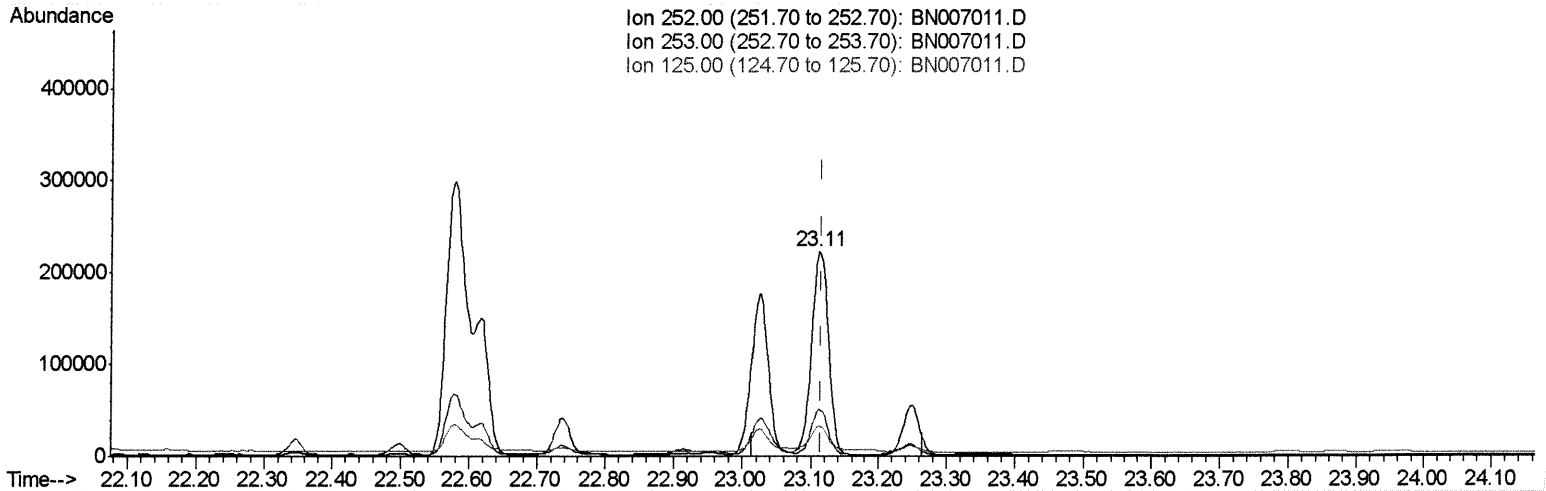
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.111min (-0.004) 3.67ng/ul m *Ju 08/09/19*

response 382144

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.20
125.00	12.50	14.47
0.00	0.00	0.00

Quantitation Report (Qedit)

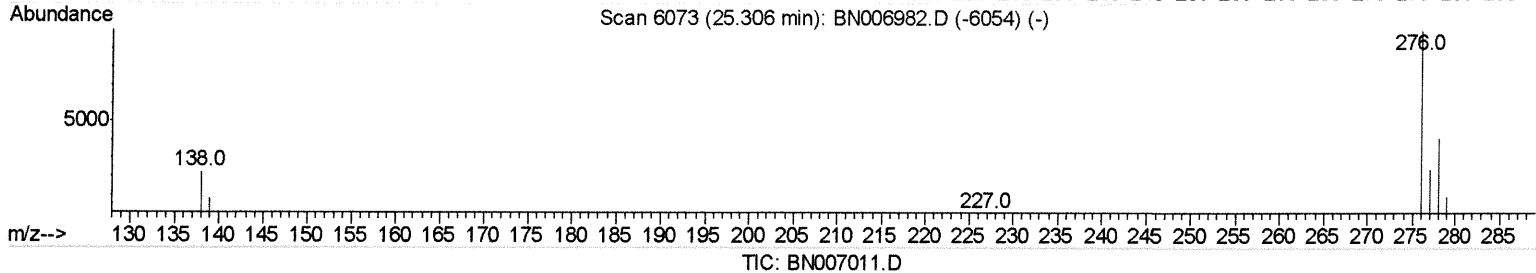
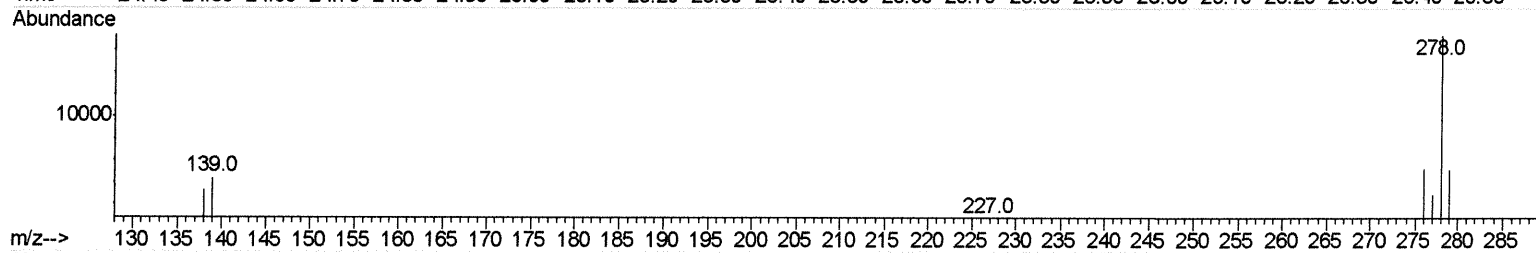
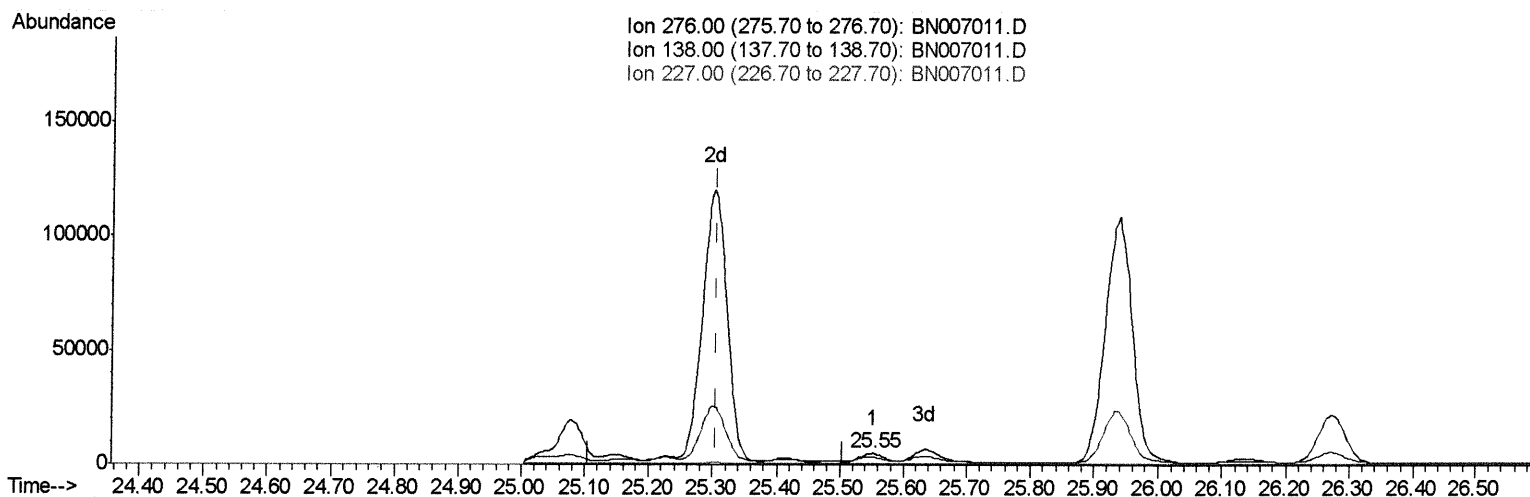
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



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

25.552min (+0.246) 0.11ng/ul

response 12310

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	41.97#
227.00	0.30	2.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

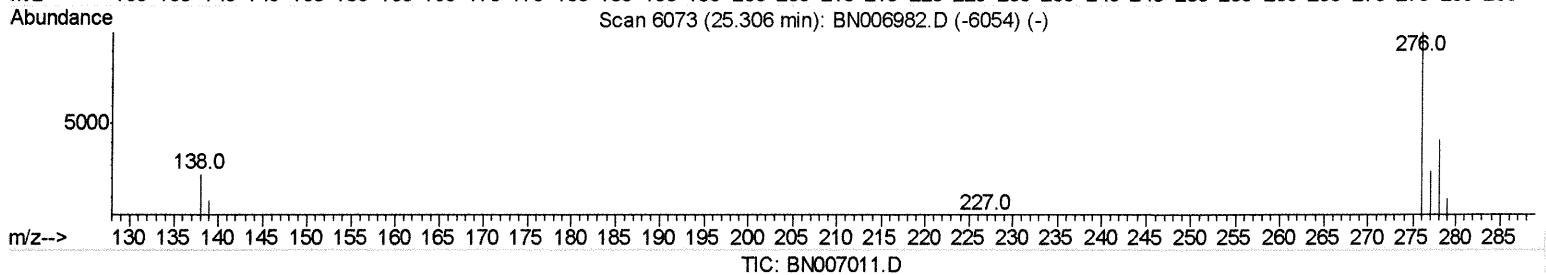
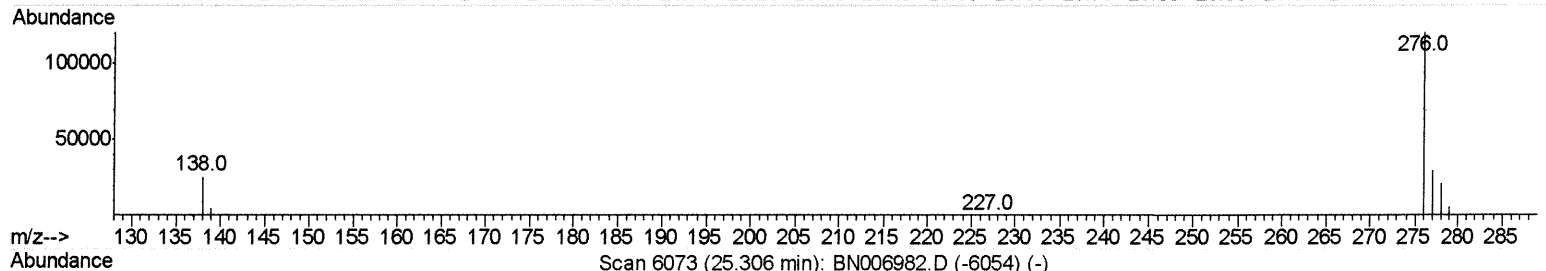
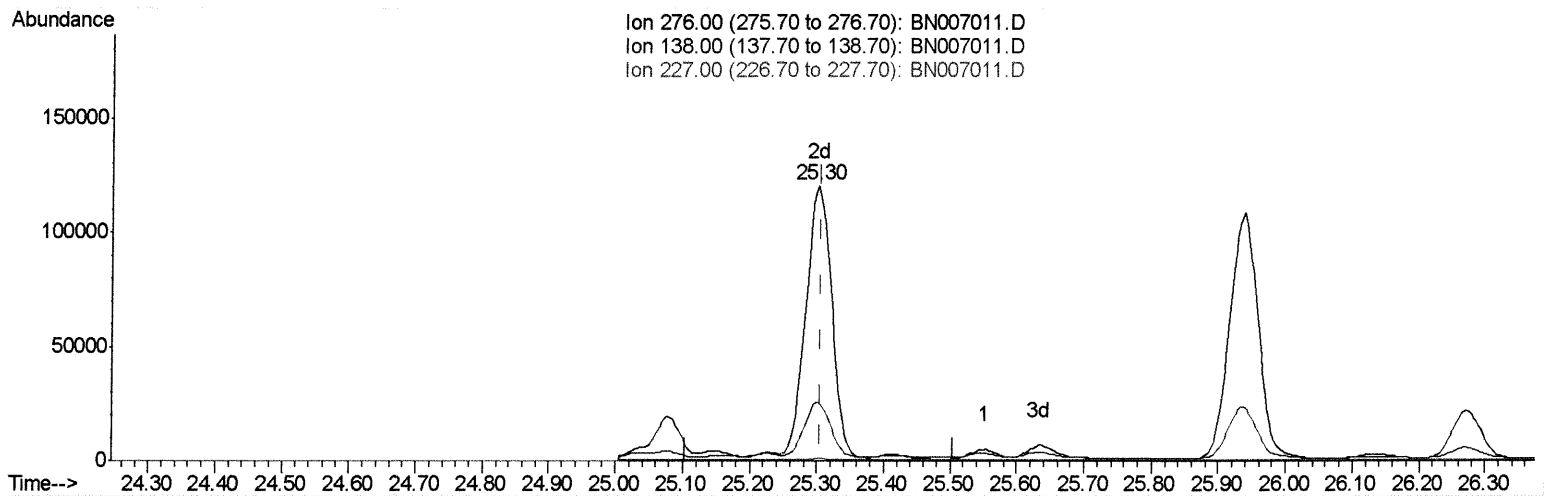
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



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

25.301min (-0.005) 2.86ng/ul m

JU
 08/09/19

response 321558

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	1.61#
227.00	0.30	0.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

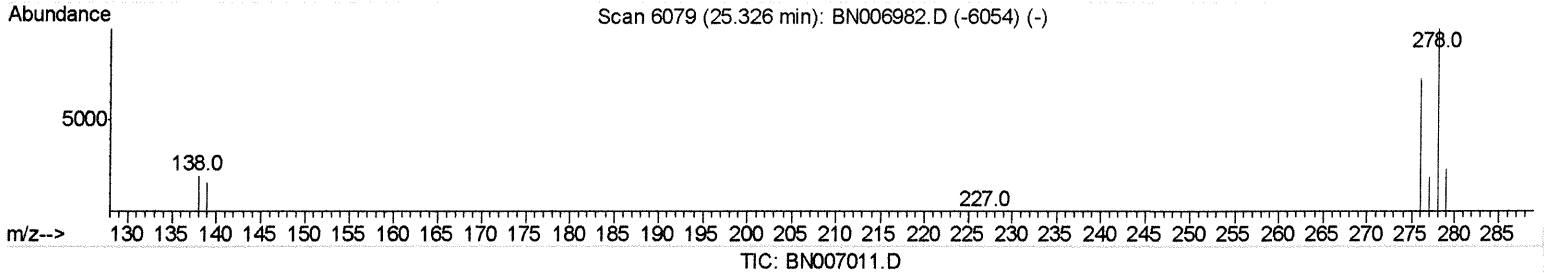
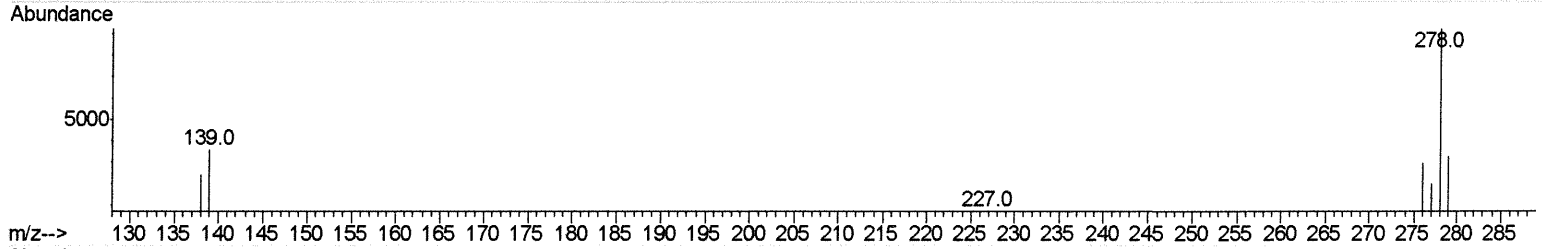
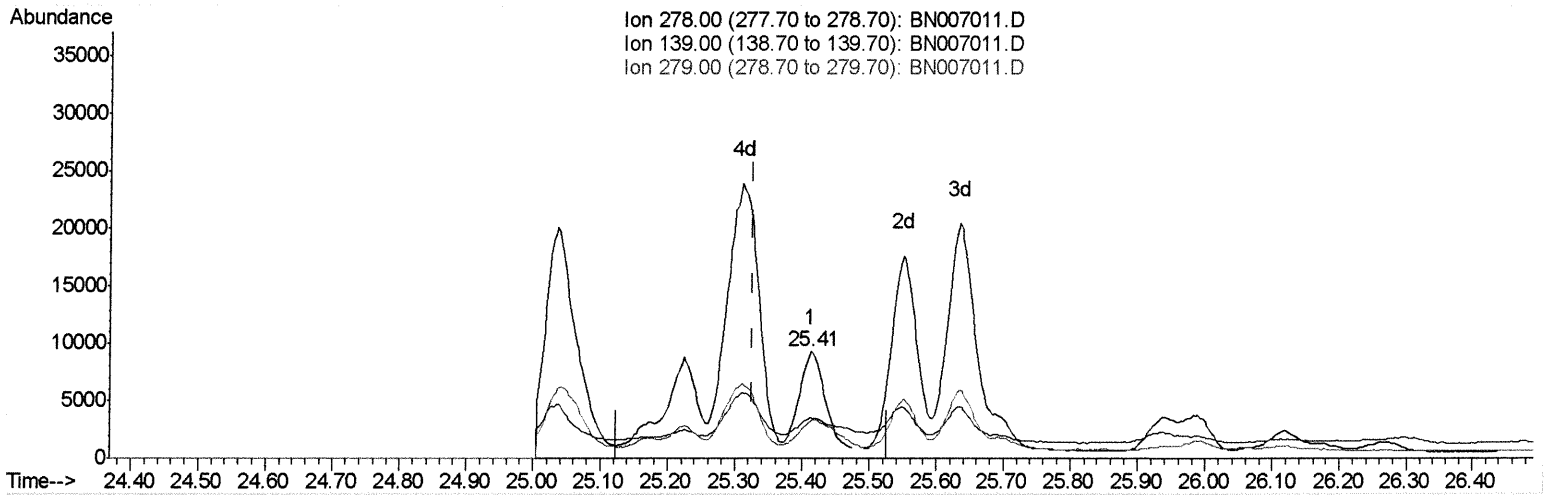
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.411min (+0.085) 0.25ng/ul

response 22530

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	38.52#
279.00	24.50	35.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

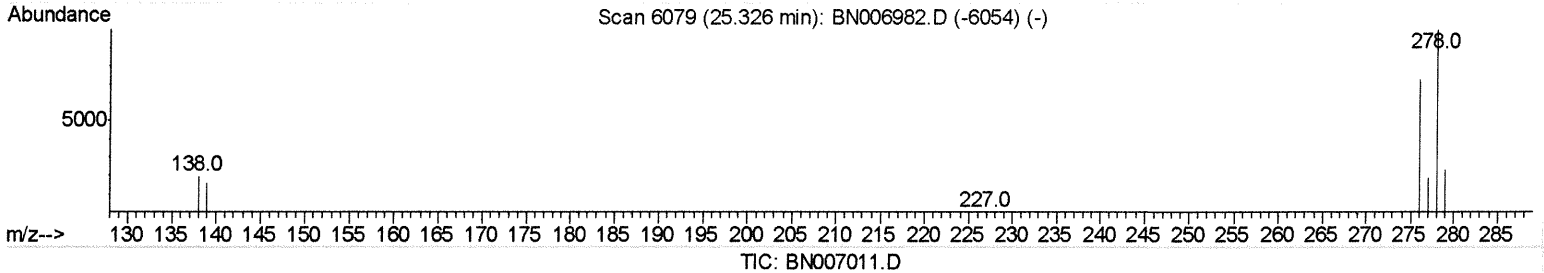
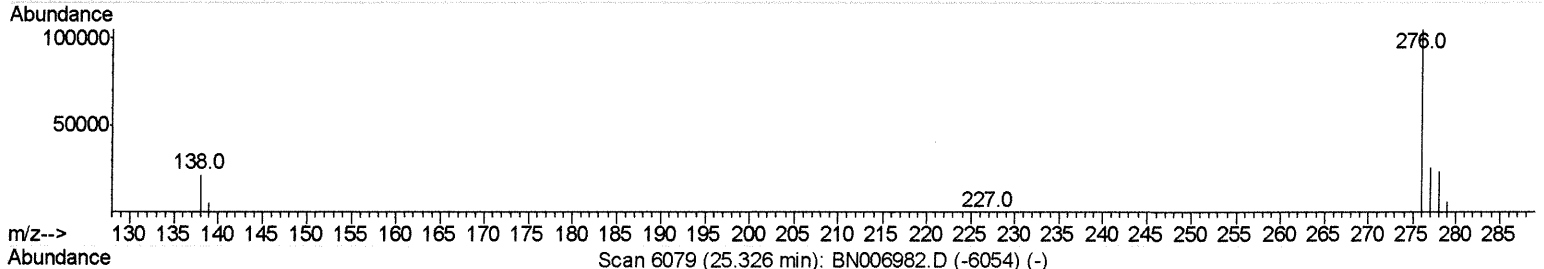
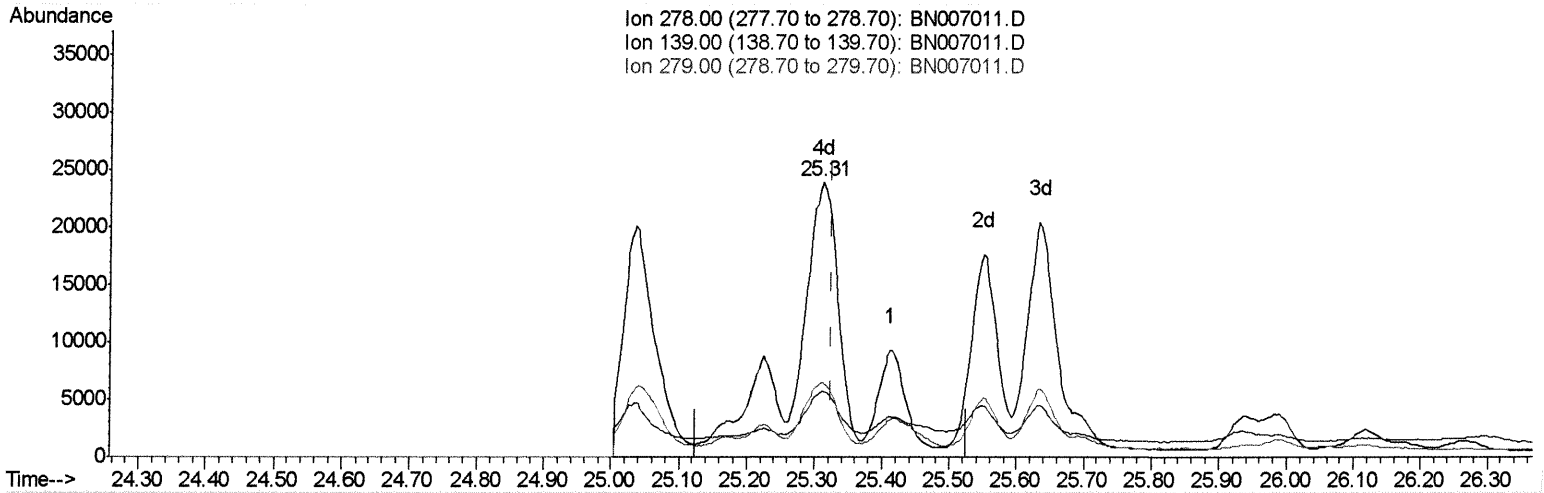
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.311min (-0.015) 0.79ng/ul m

JU 08/09/19

response 70694

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	24.04#
279.00	24.50	27.27
0.00	0.00	0.00

Quantitation Report (Qedit)

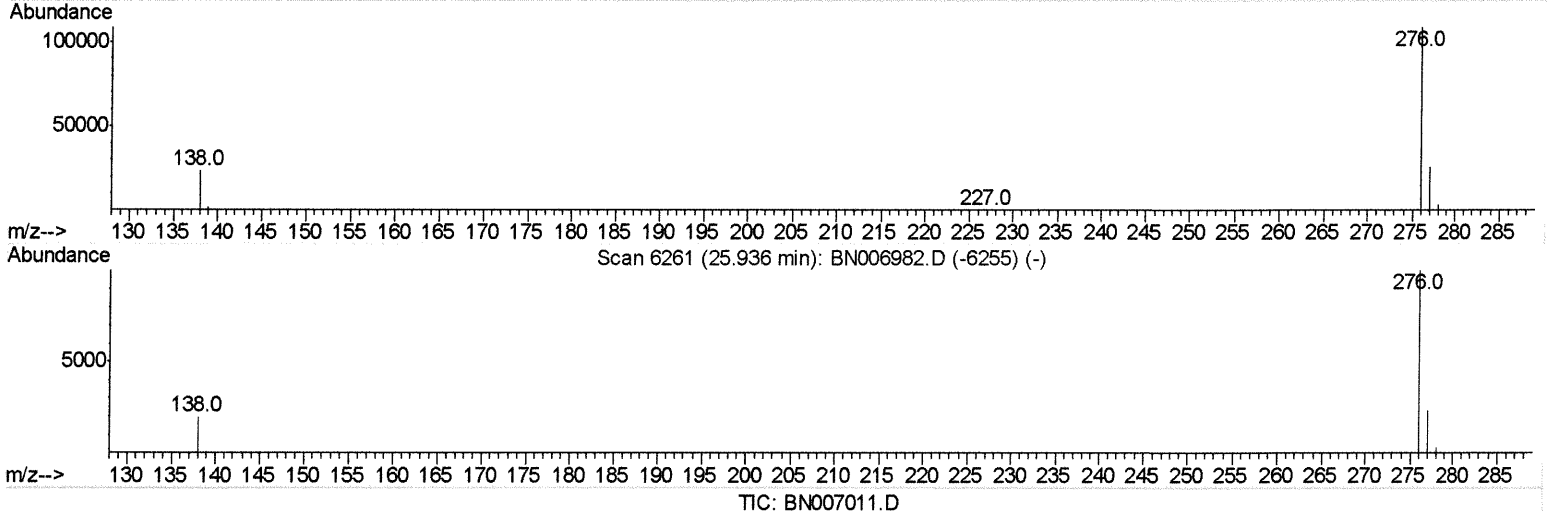
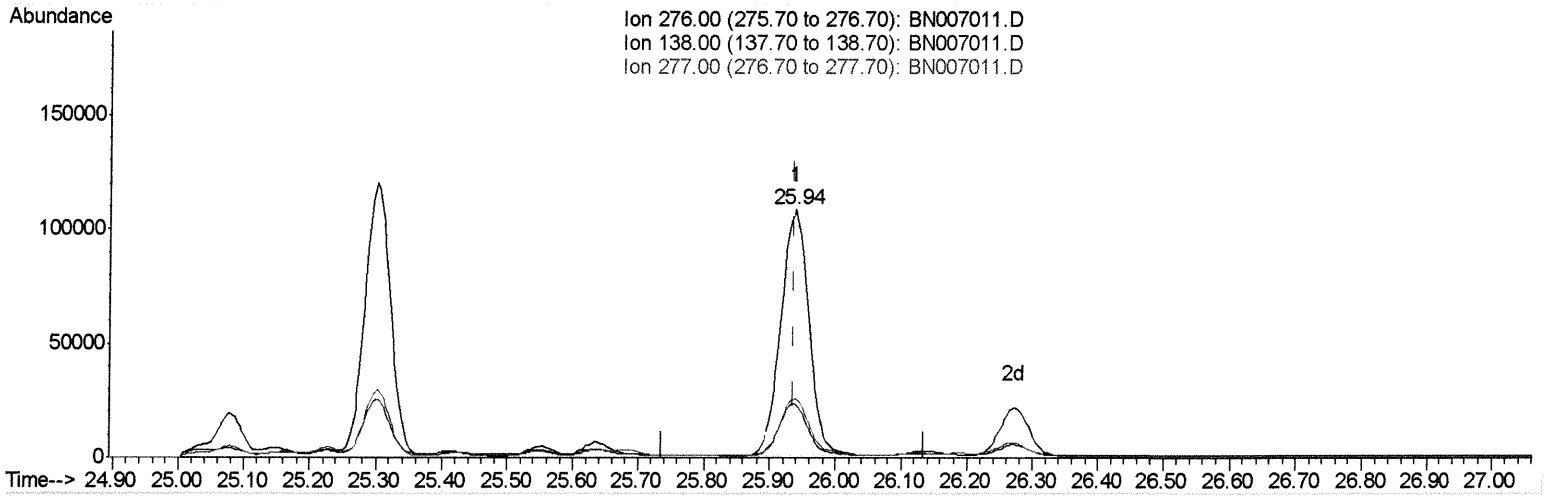
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 25.938min (+0.002) 3.34ng/ul

response 314374

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.52
277.00	24.10	24.06
0.00	0.00	0.00

Quantitation Report (Qedit)

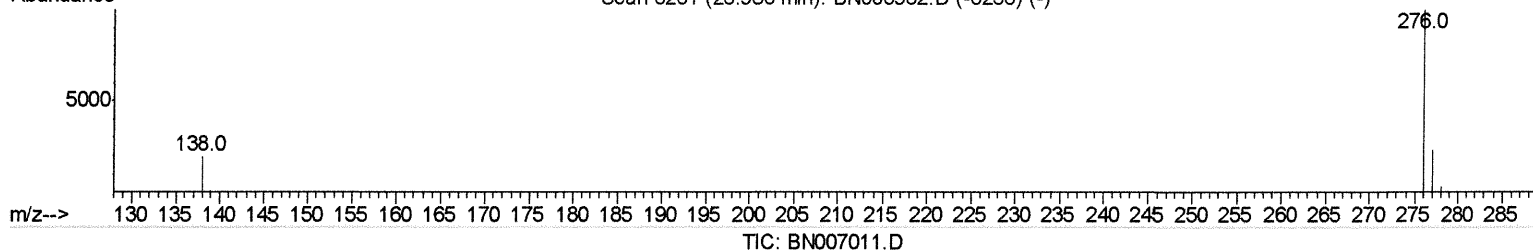
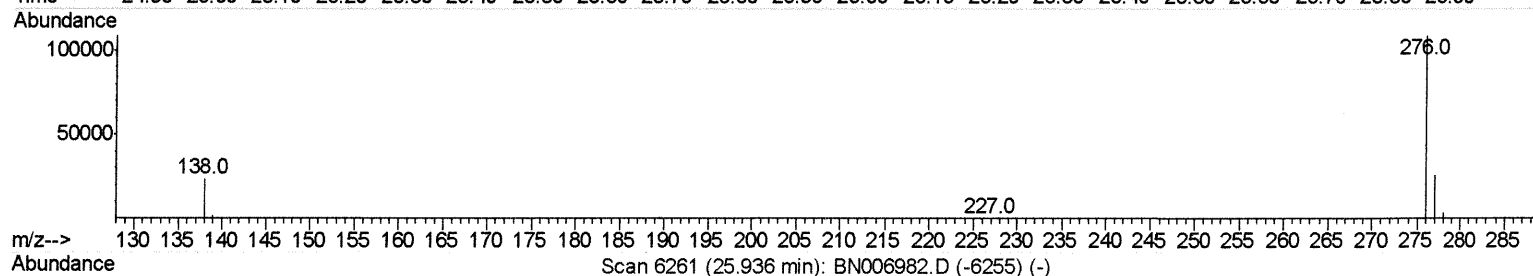
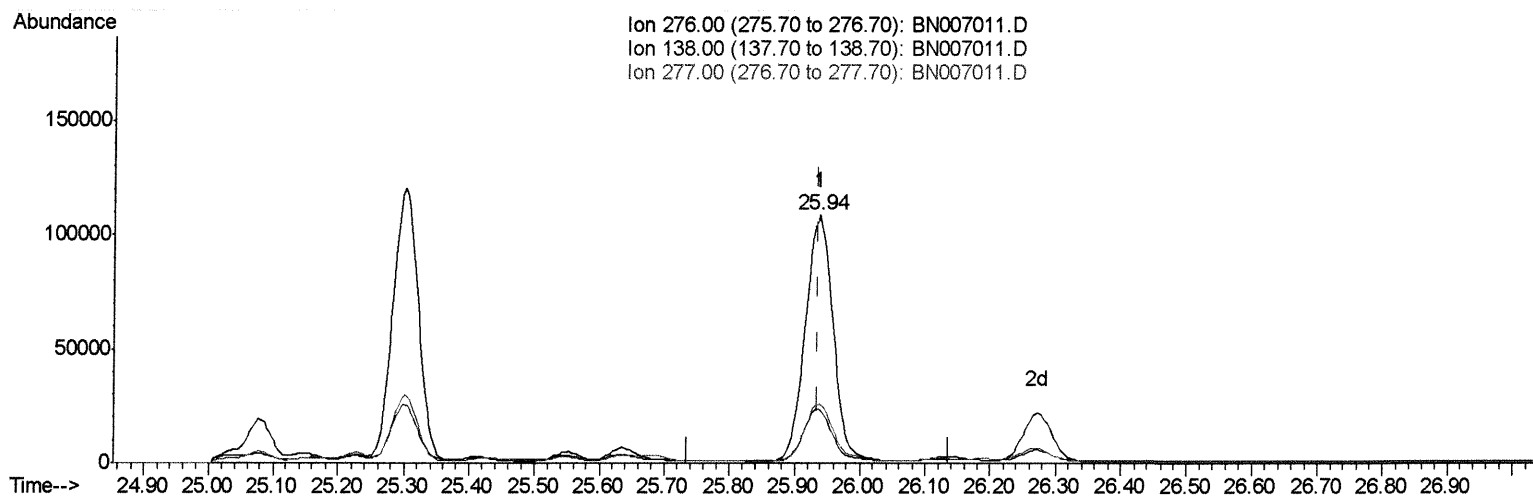
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007011.D
Acq On : 08 Aug 2019 06:16
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:45:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



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

25.938min (+0.002) 3.43ng/ul m *30 actual*

response 323647

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.52
277.00	24.10	24.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:48:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33656	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	19993	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	47880m →	0.40	ng/ul →	0.00
16) Chrysene-d12	21.08	240	28181m →	0.40	ng/ul →	0.00
20) Perylene-d12	23.20	264	27301m →	0.40	ng/ul →	0.00

Ju 08/09/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.83	152	9120	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	24432m →	0.16	ng/ul →	0.00

Ju 08/09/19

Target Compounds

					Ovalue	
3) Naphthalene	10.28	128	7123	0.074	ng/ul	97
5) 2-Methylnaphthalene	11.91	142	3516	0.048	ng/ul	100
7) Acenaphthylene	13.83	152	16527	0.143	ng/ul	98
8) Acenaphthene	14.18	153	12559	0.158	ng/ul	99
9) Fluorene	15.17	166	15897	0.165	ng/ul	99
12) Phenanthrene	16.90	178	397519m →	2.605	ng/ul →	
13) Anthracene	16.99	178	62978m →	0.403	ng/ul →	
15) Fluoranthene	18.93	202	1123908m →	5.926	ng/ul →	
17) Pyrene	19.29	202	928551	7.380	ng/ul	99
18) Benzo(a)anthracene	21.06	228	378828m →	3.060	ng/ul →	
19) Chrysene	21.11	228	458164	3.952	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	584420m →	5.280	ng/ul →	
22) Benzo(k)fluoranthene	22.62	252	207577m →	1.935	ng/ul →	
23) Benzo(a)pyrene	23.11	252	382144m →	3.667	ng/ul →	
24) Indeno(1,2,3-cd)pyrene	25.30	276	321558m →	2.862	ng/ul →	
25) Dibenzo(a,h)anthracene	25.31	278	70694m →	0.788	ng/ul →	
26) Benzo(a,h,i)perylene	25.94	276	323647m →	3.435	ng/ul →	

Ju 08/09/19

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