

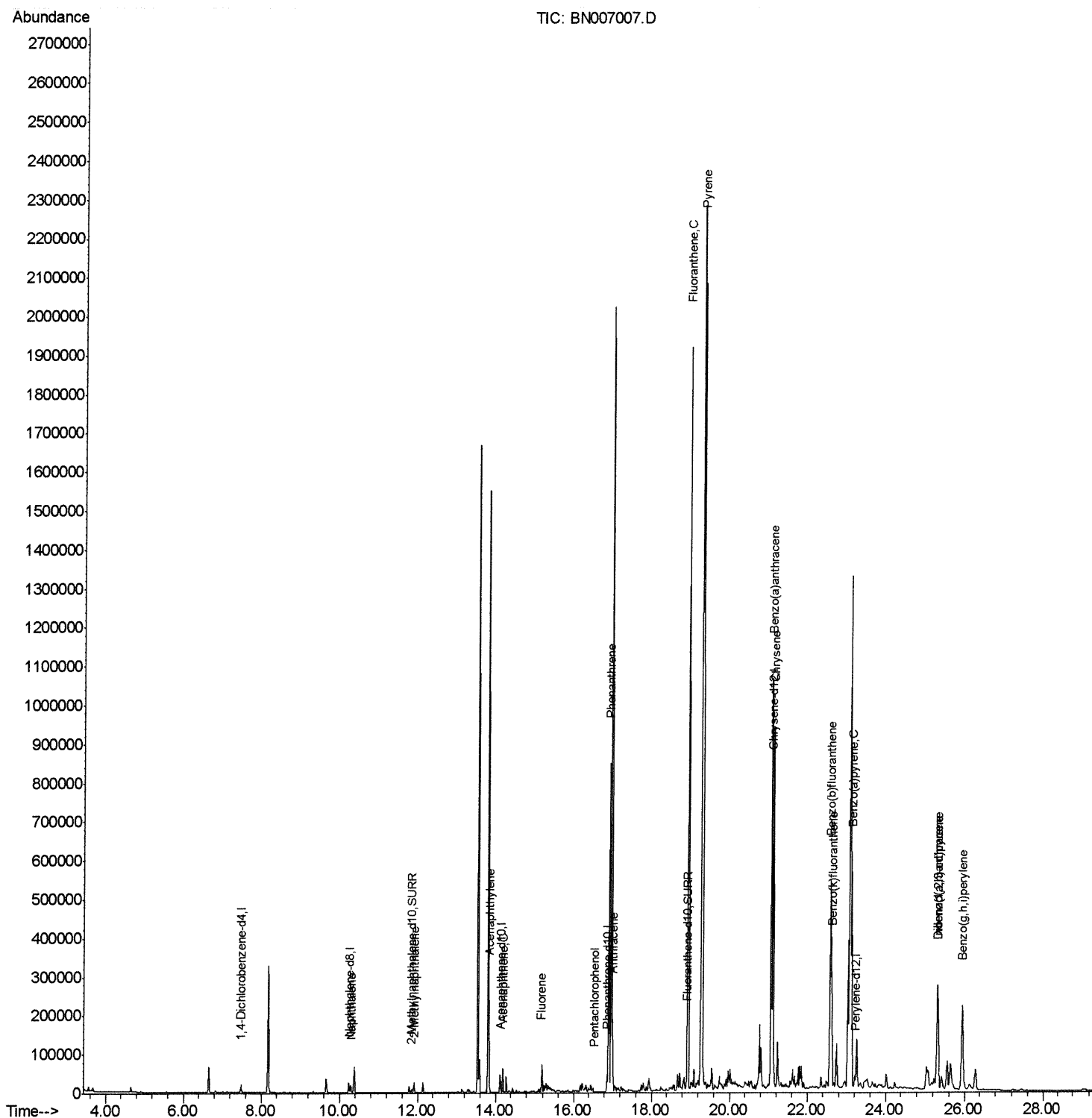
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 08:14:28 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)

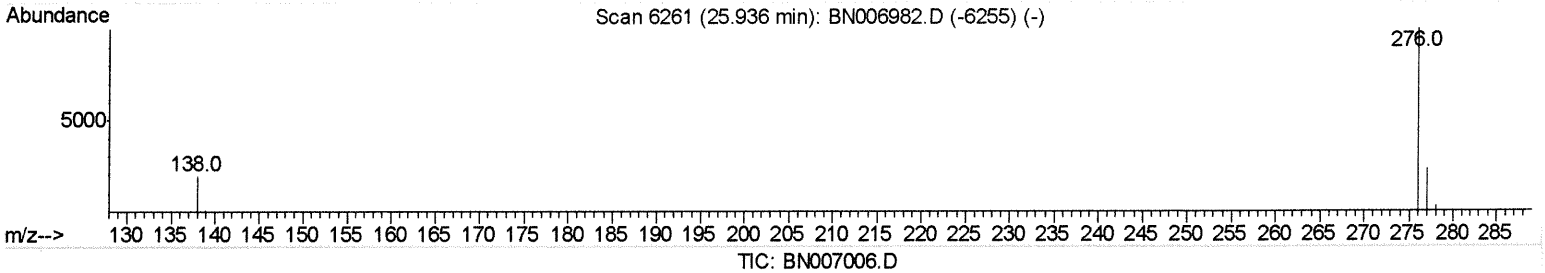
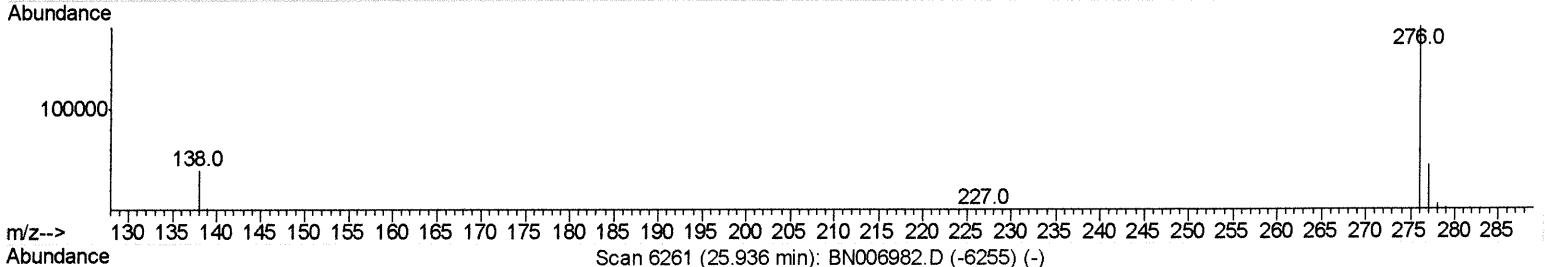
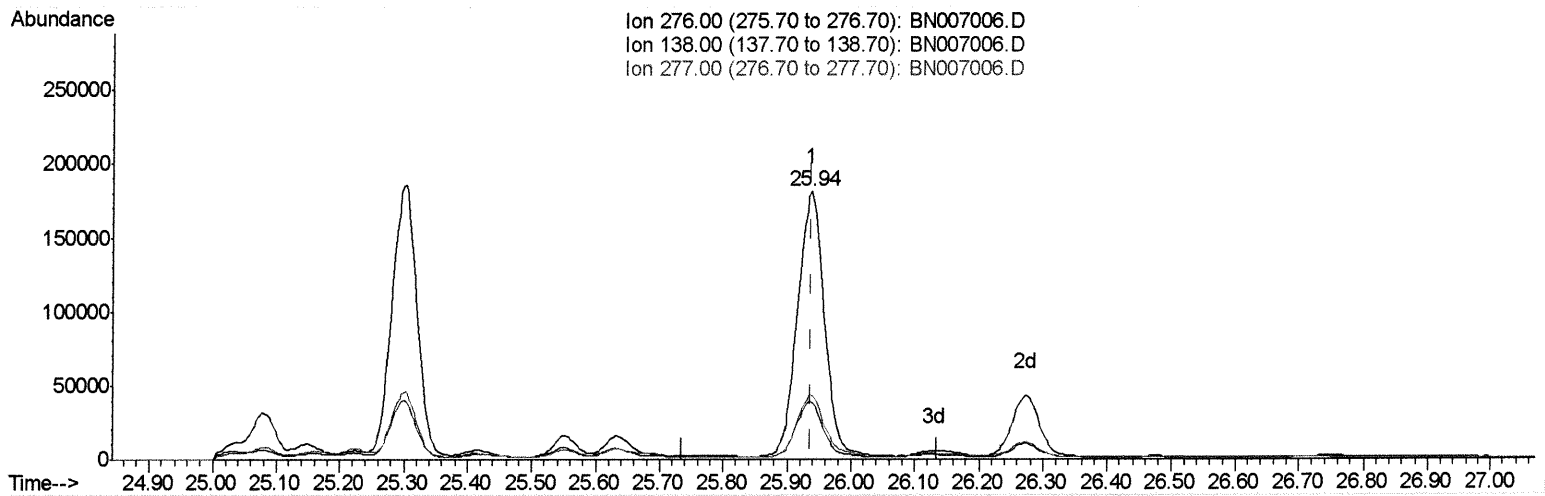
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:47:34 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

25.936min (-0.000) 4.87ng/ul m

response 531911

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.45
277.00	24.10	24.09
0.00	0.00	0.00

Quantitation Report (Qedit)

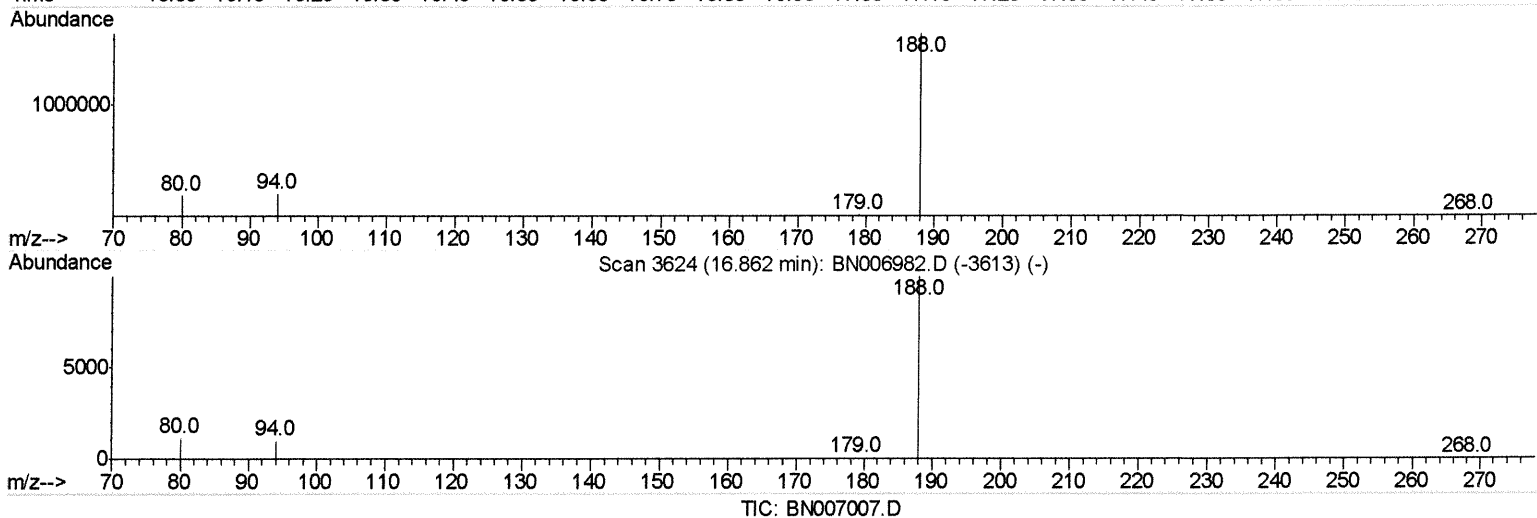
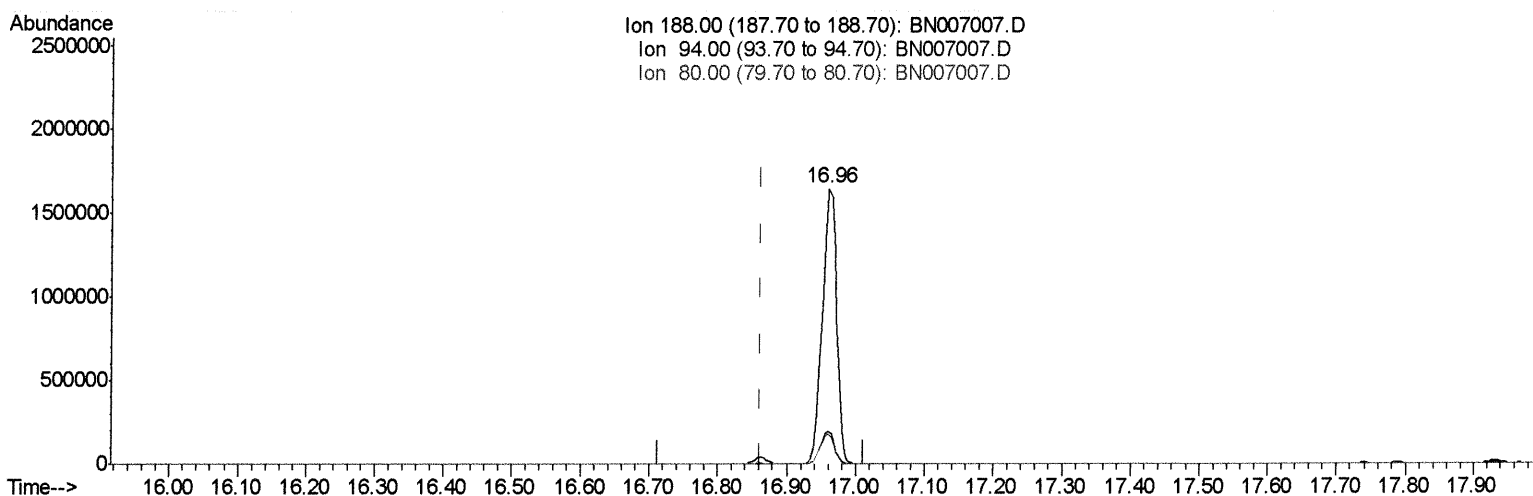
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 04:59:17 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 2386968

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.82
80.00	12.40	10.84
0.00	0.00	0.00

Quantitation Report (Qedit)

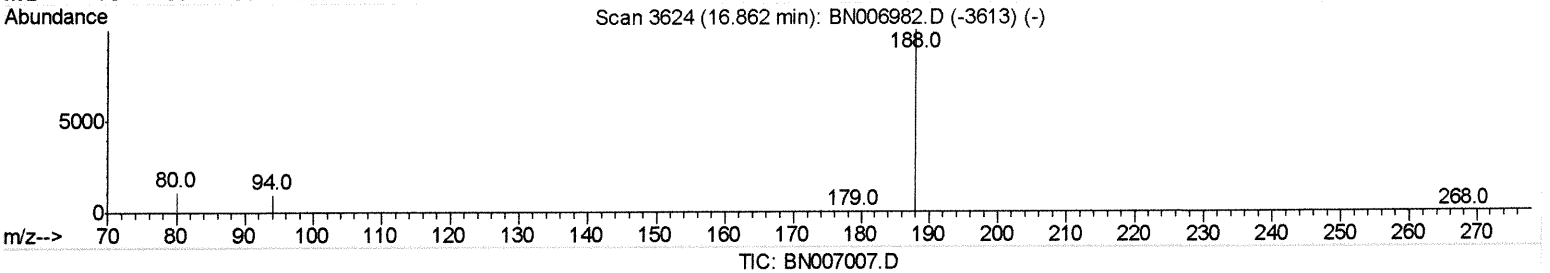
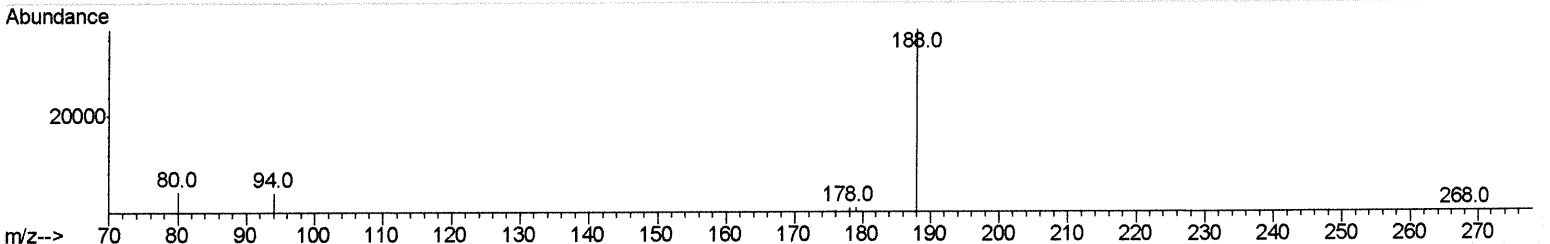
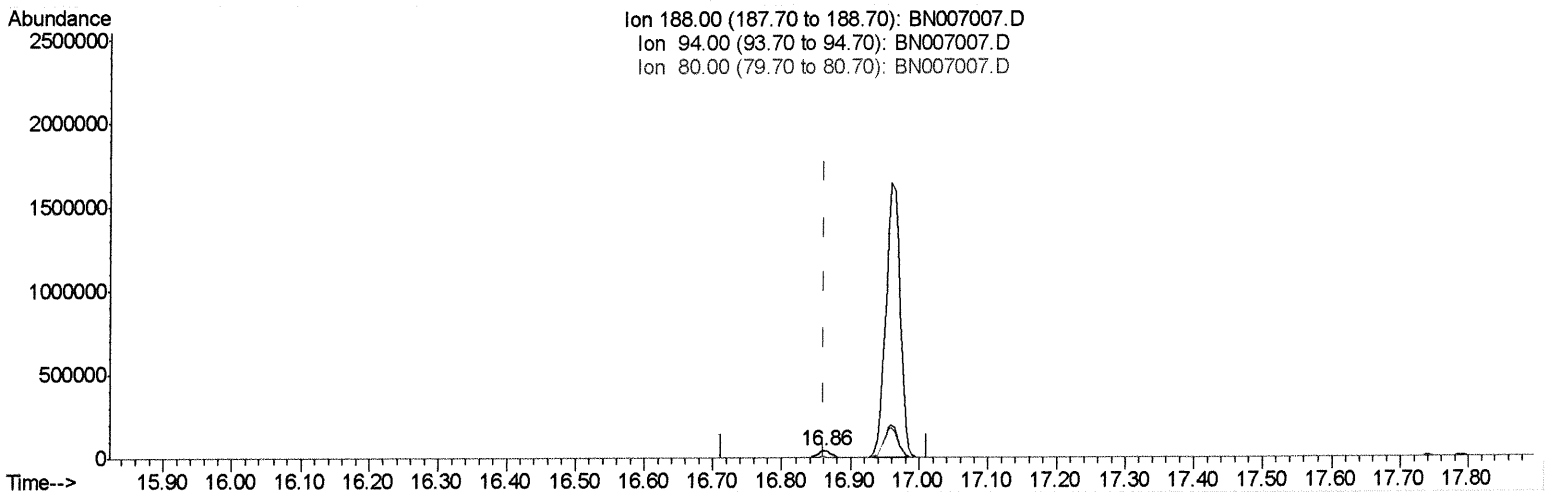
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 04:59:17 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 54047

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.60
80.00	12.40	11.47
0.00	0.00	0.00

Quantitation Report (Qedit)

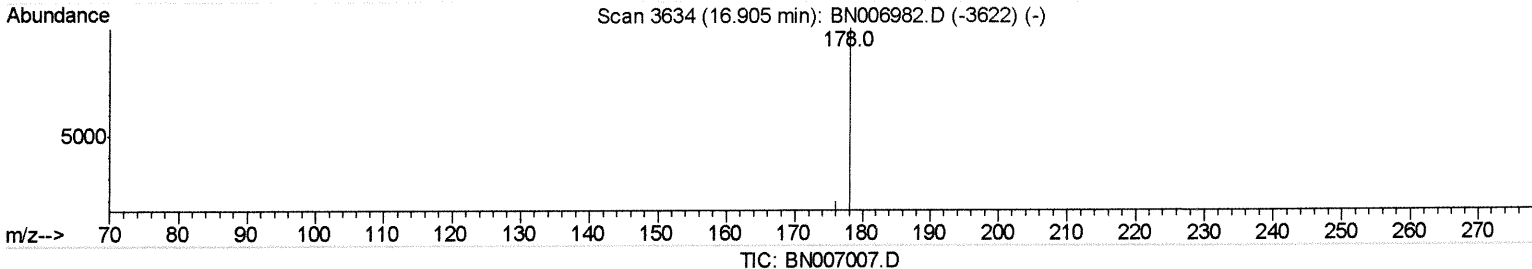
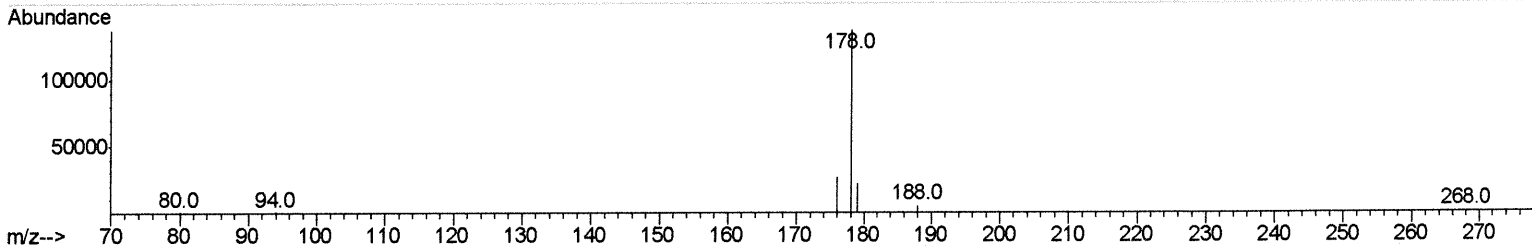
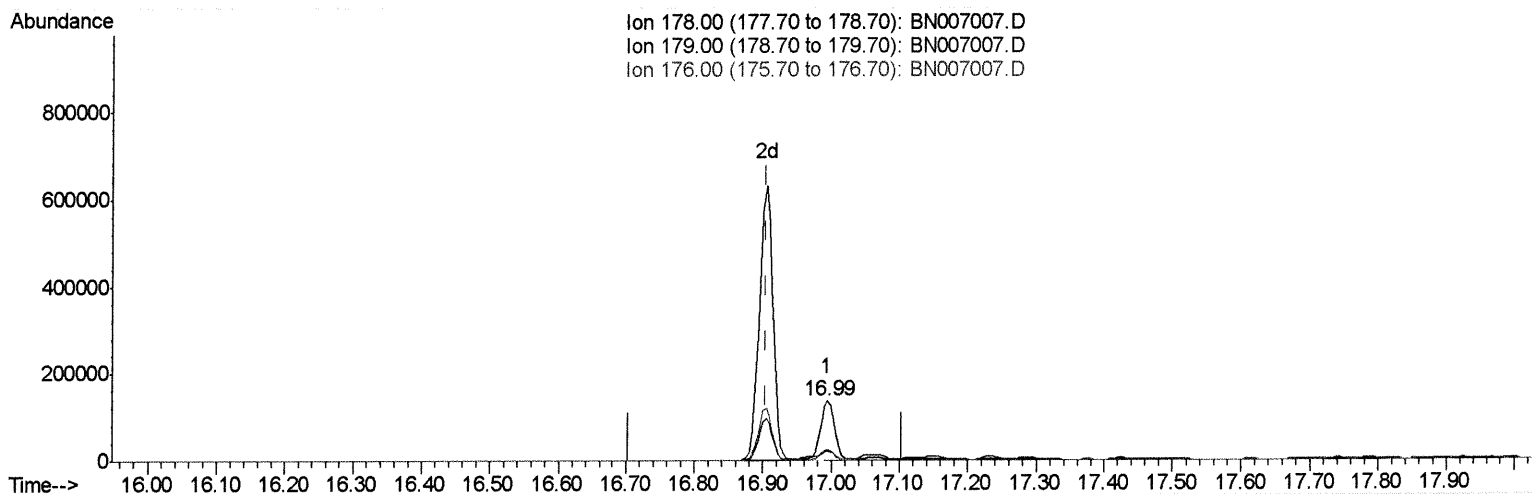
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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 (+0.088) 1.10ng/ul

response 190082

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.90
176.00	19.50	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

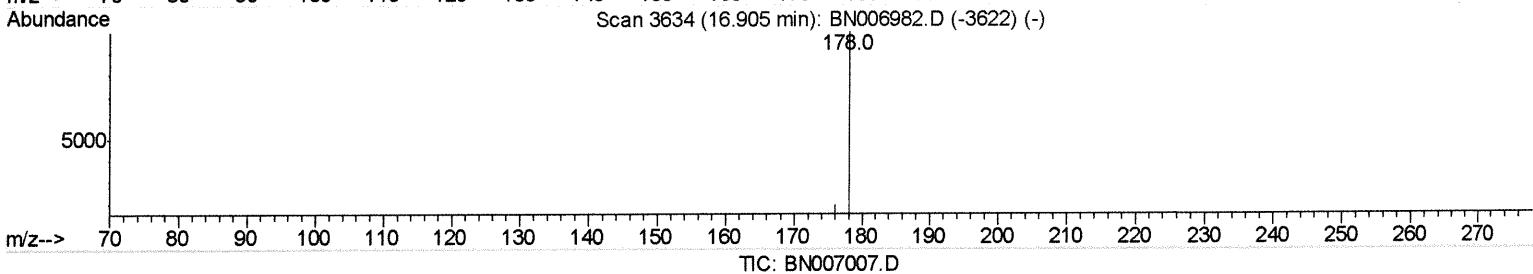
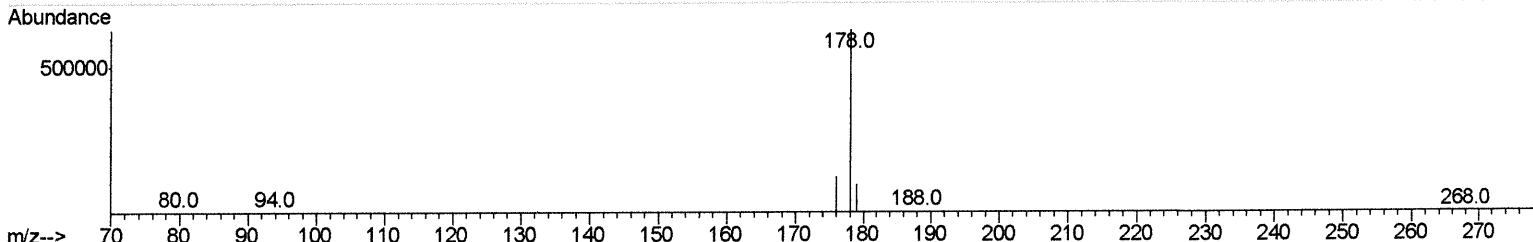
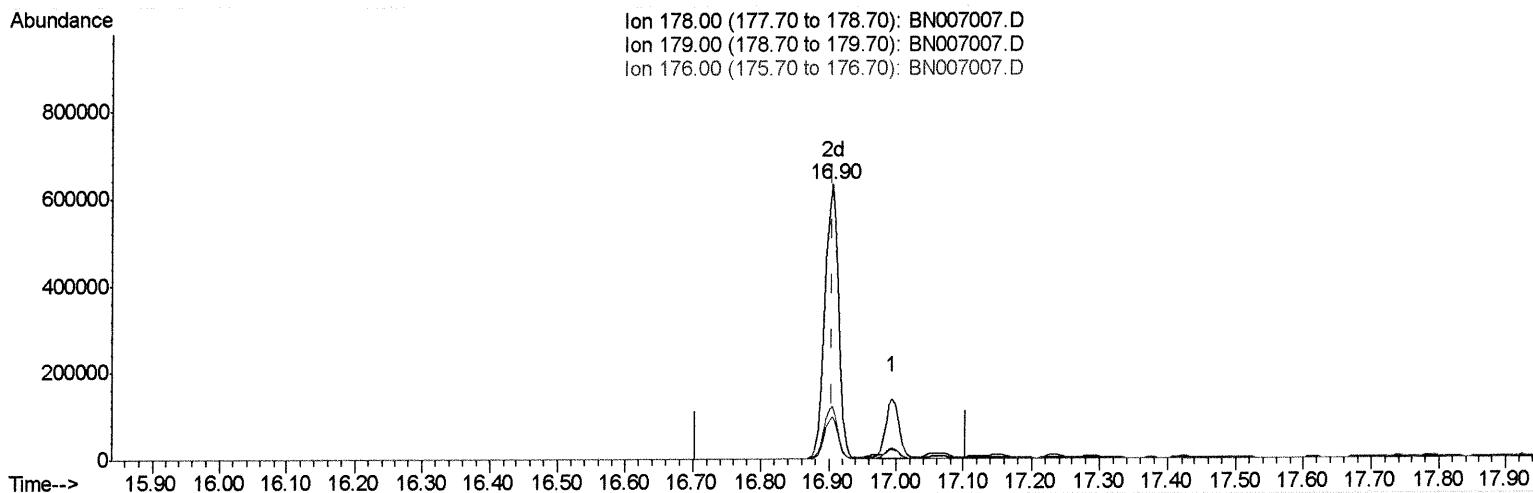
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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

16.904min (-0.000) 5.15ng/ul m *JU 08/09/19*

response 886394

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.37
176.00	19.50	19.16
0.00	0.00	0.00

Quantitation Report (Qedit)

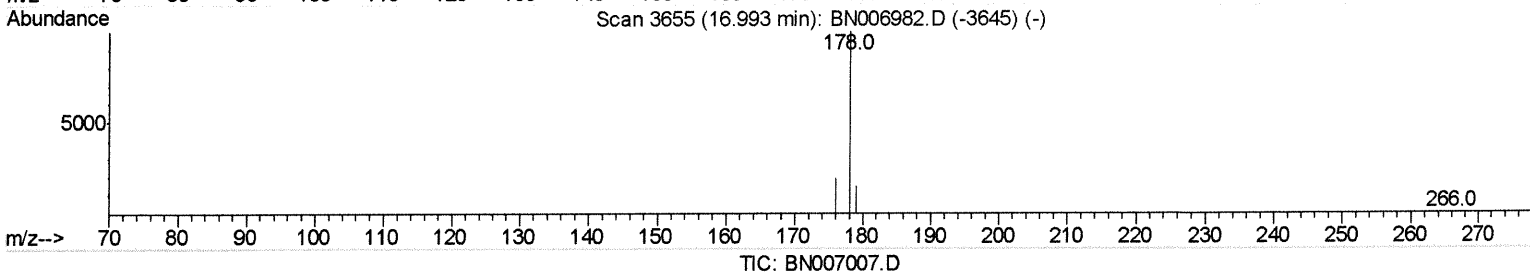
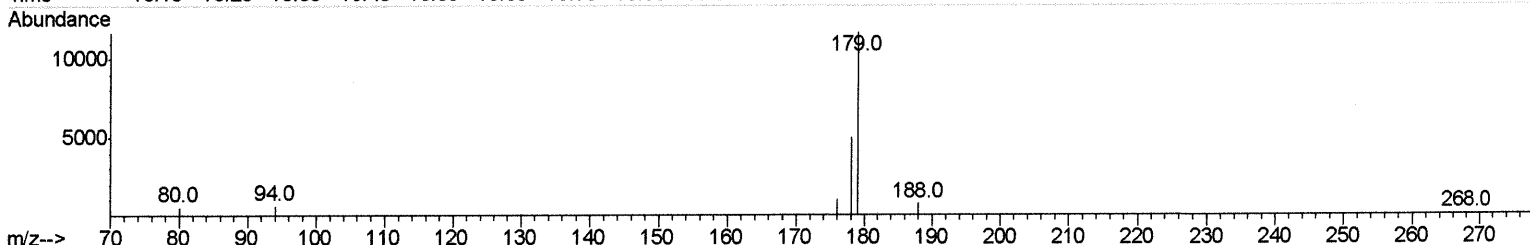
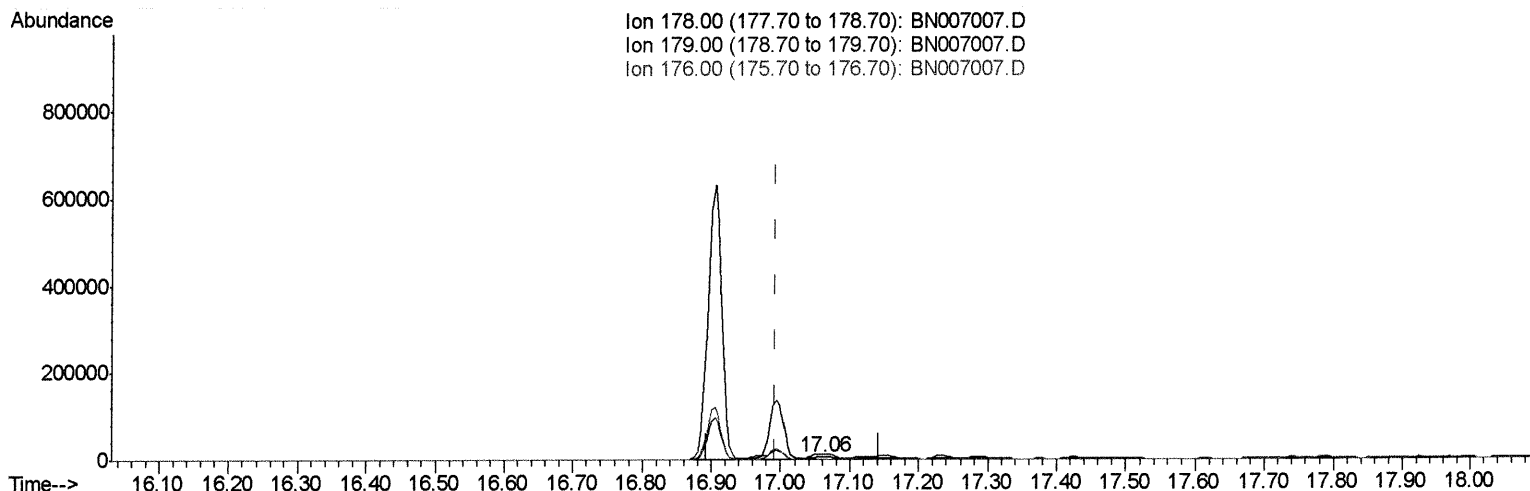
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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

17.061min (+0.067) 0.04ng/ul

response 7607

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	232.93#
176.00	19.20	20.93
0.00	0.00	0.00

TIC: BN007007.D

Quantitation Report (Qedit)

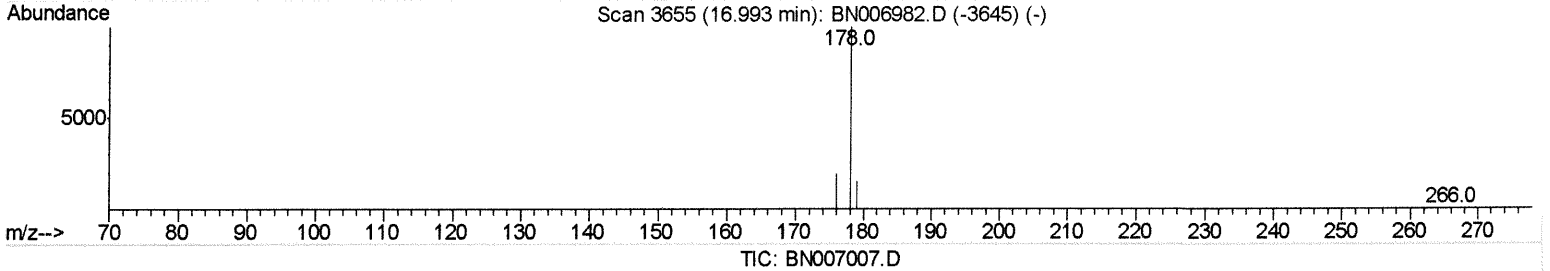
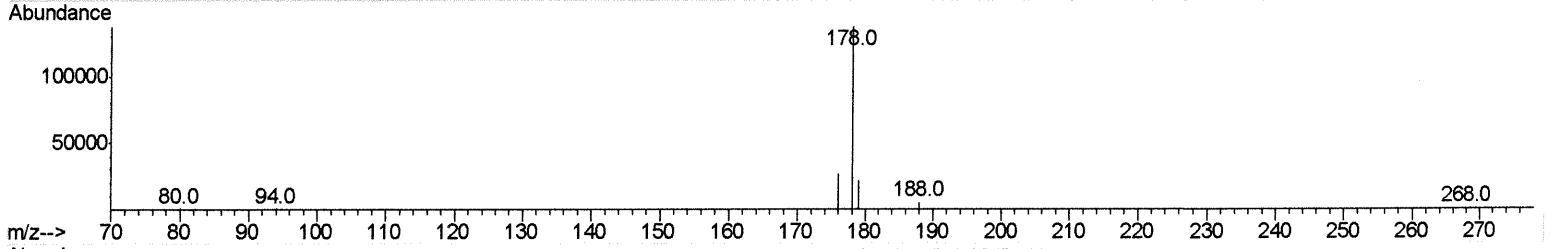
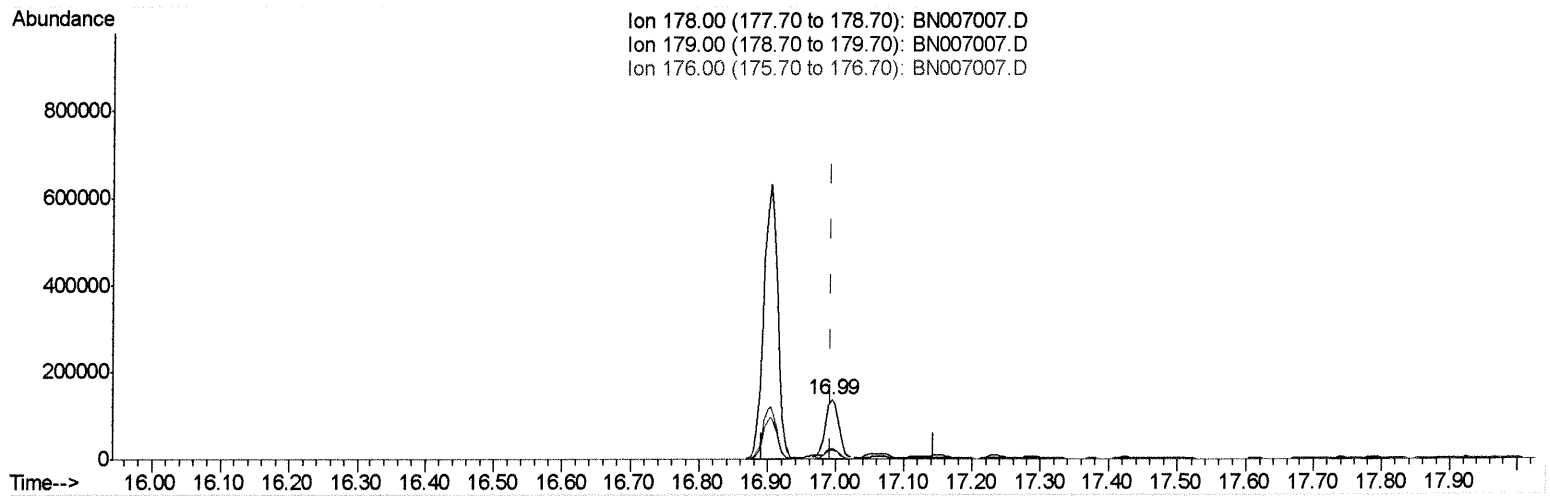
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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) 1.08ng/ul m

JU 08/09/19

response 189554

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	15.90
176.00	19.20	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

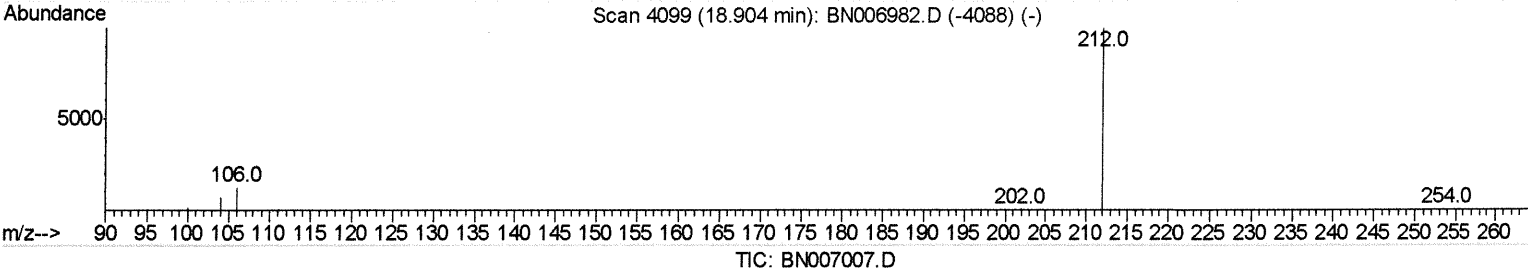
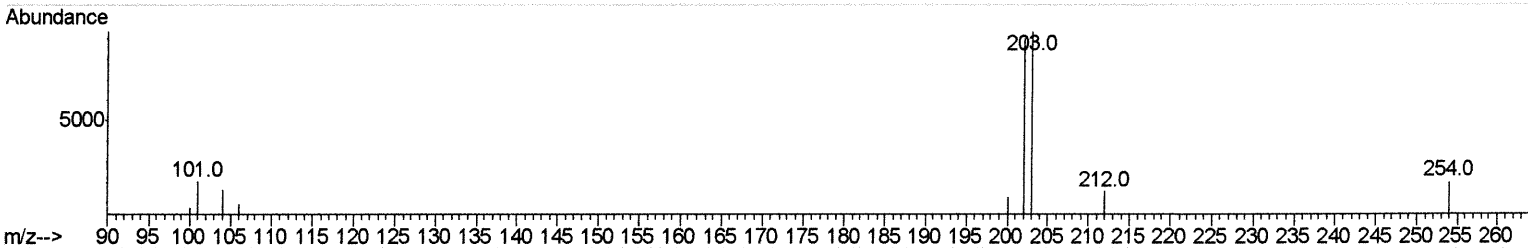
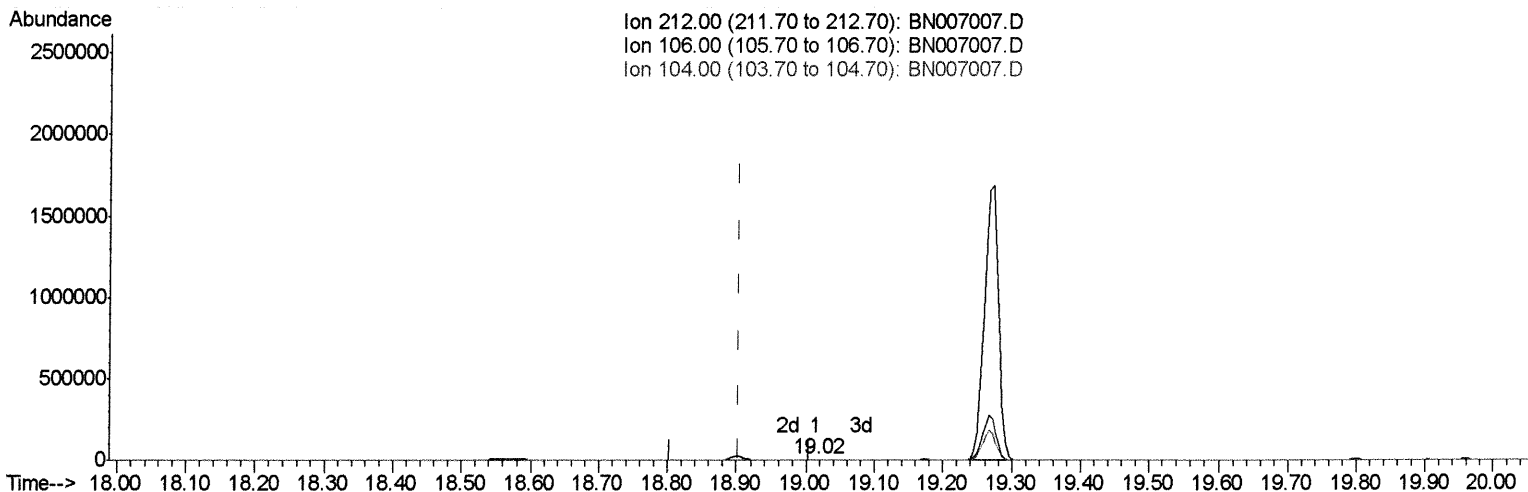
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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)

19.016min (+0.111) 0.01ng/ul

response 2277

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	22.53#
104.00	7.10	74.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

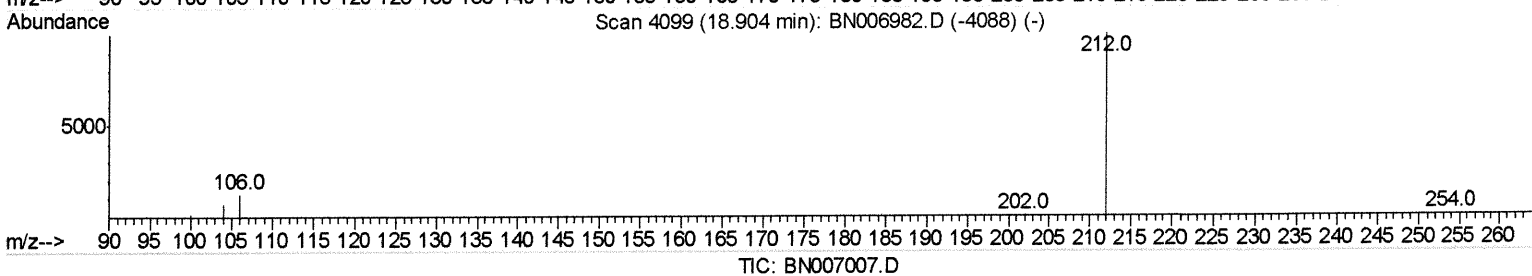
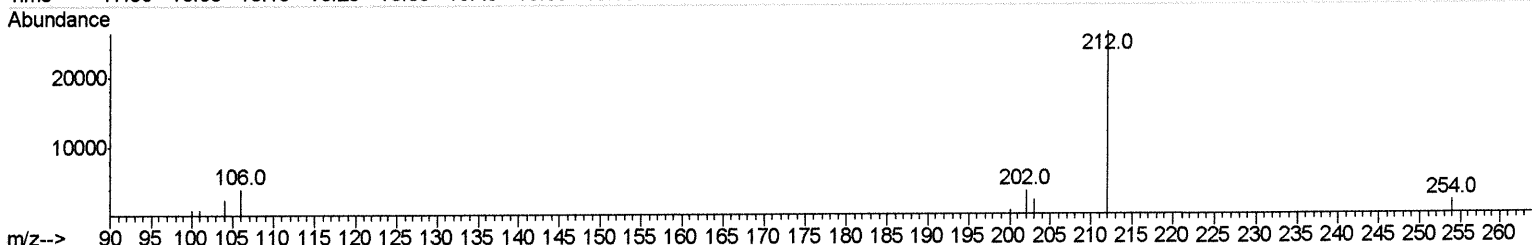
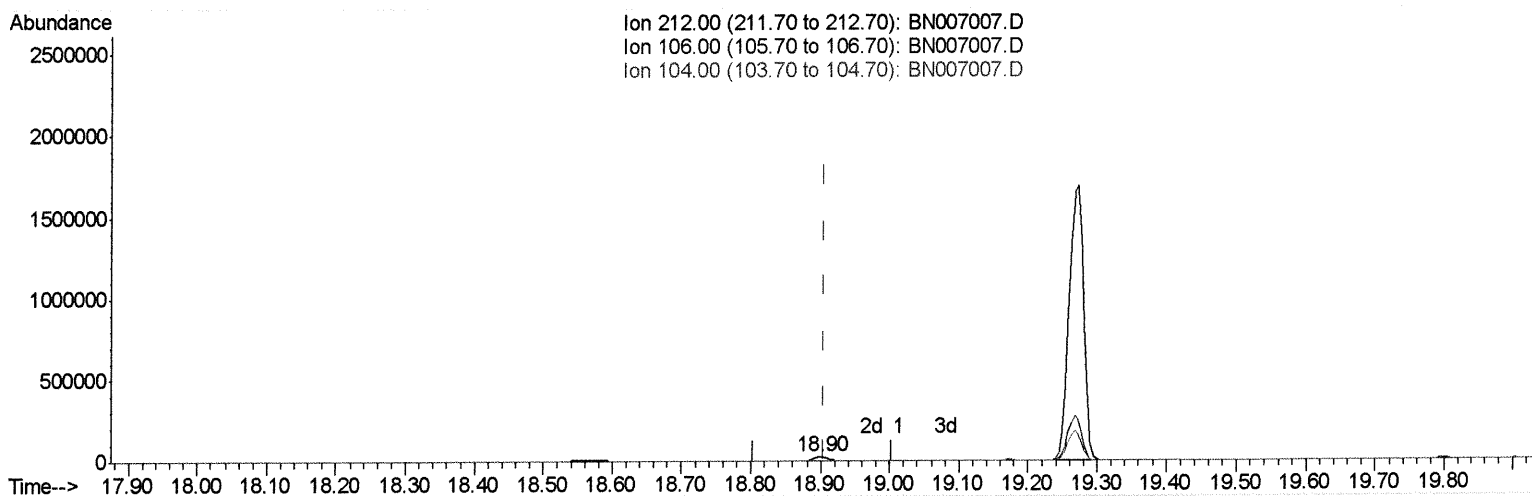
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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) 0.20ng/ul m

JU
08/09/19

response 34645

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	1.48#
104.00	7.10	4.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

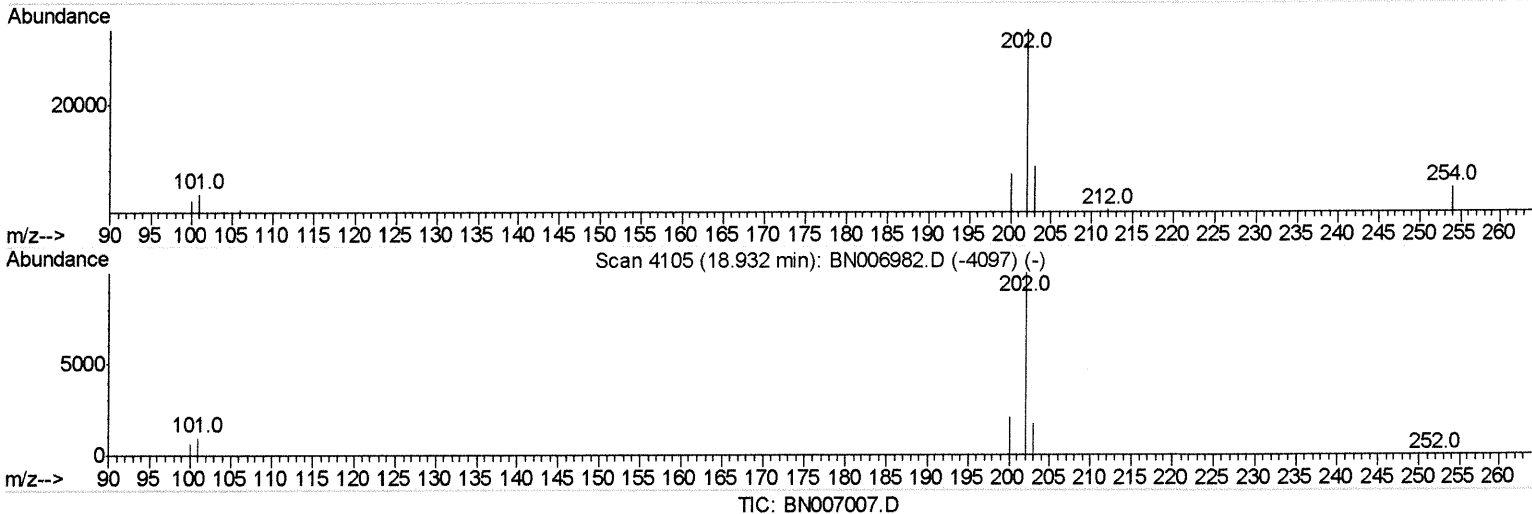
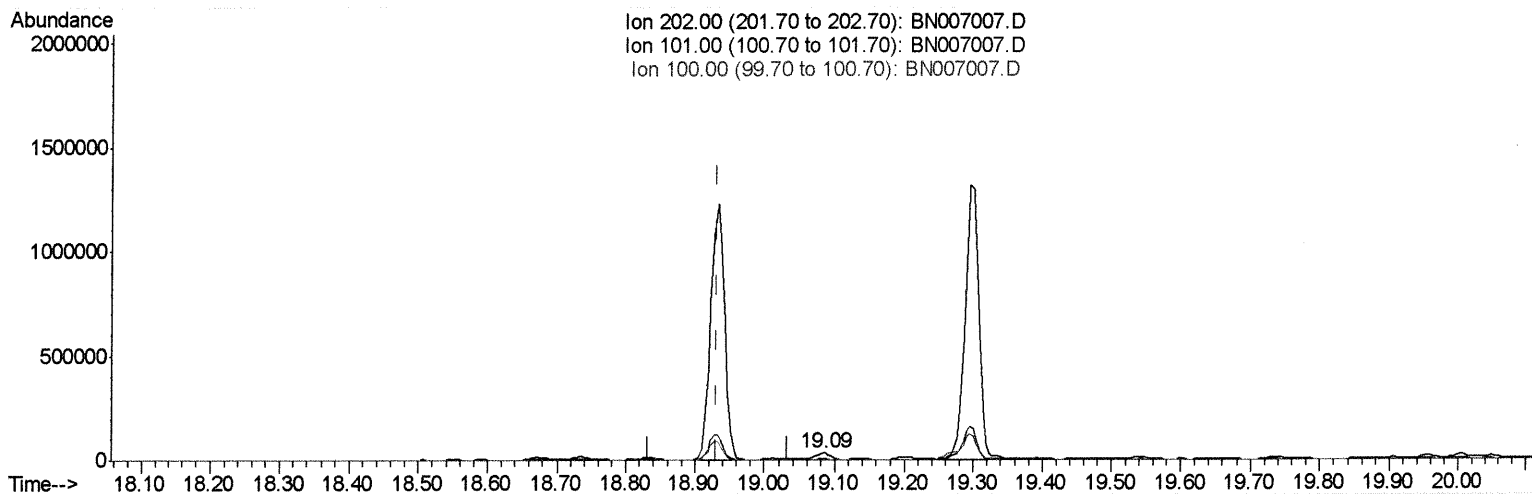
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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)

19.085min (+0.153) 0.20ng/ul

response 42718

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	11.21
100.00	7.70	7.36
0.00	0.00	0.00

Quantitation Report (Qedit)

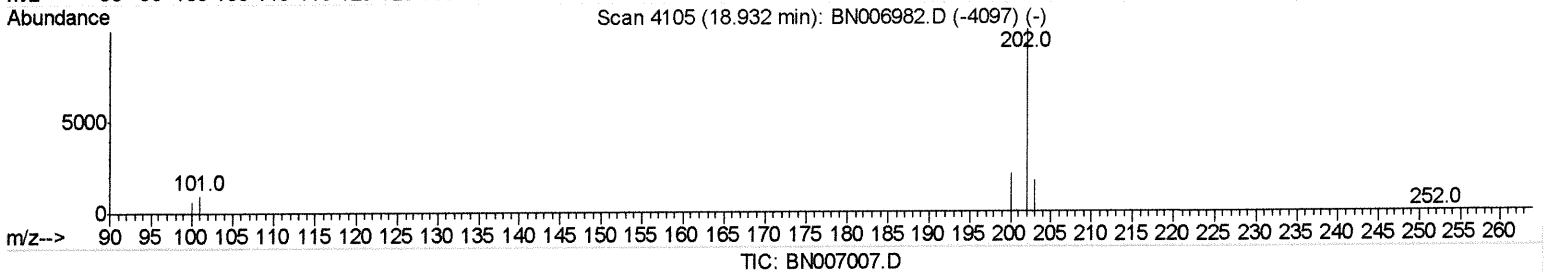
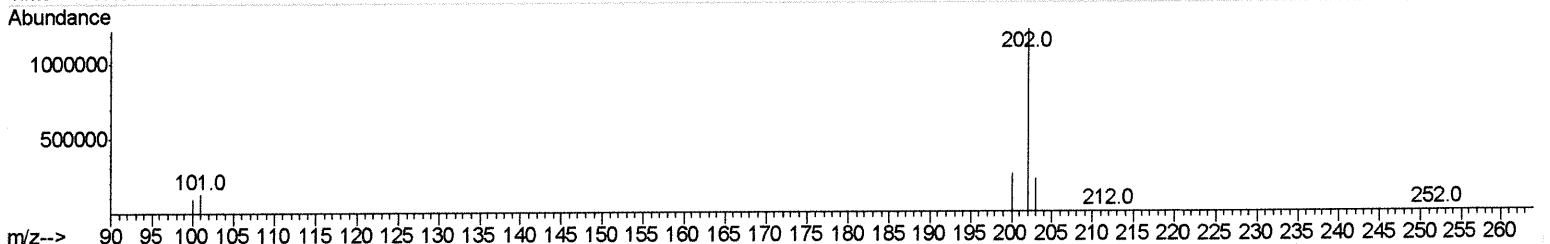
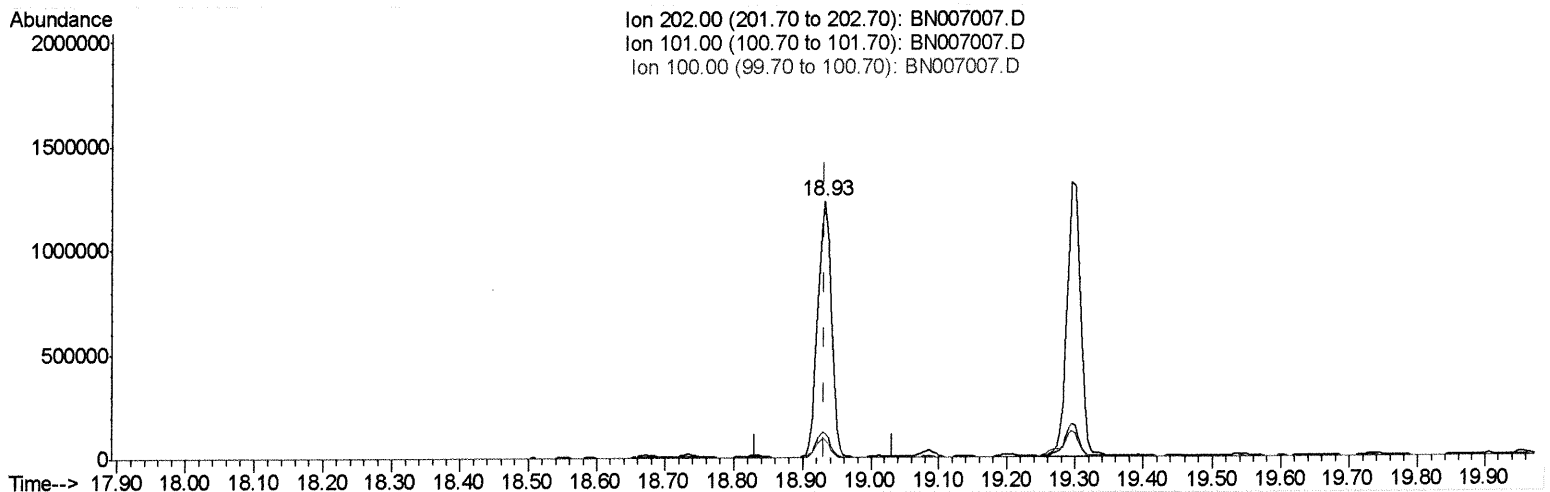
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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) 7.84ng/ul m

JU
08/09/19

response 1679317

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.98
100.00	7.70	7.31
0.00	0.00	0.00

Quantitation Report (Qedit)

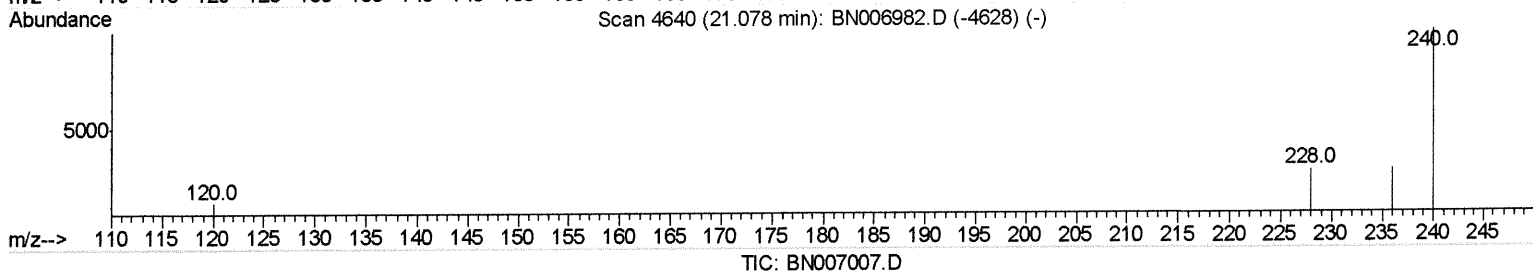
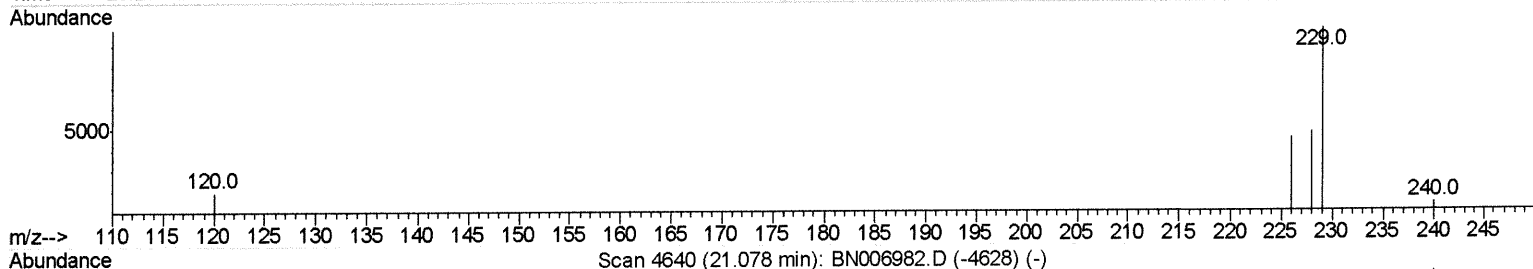
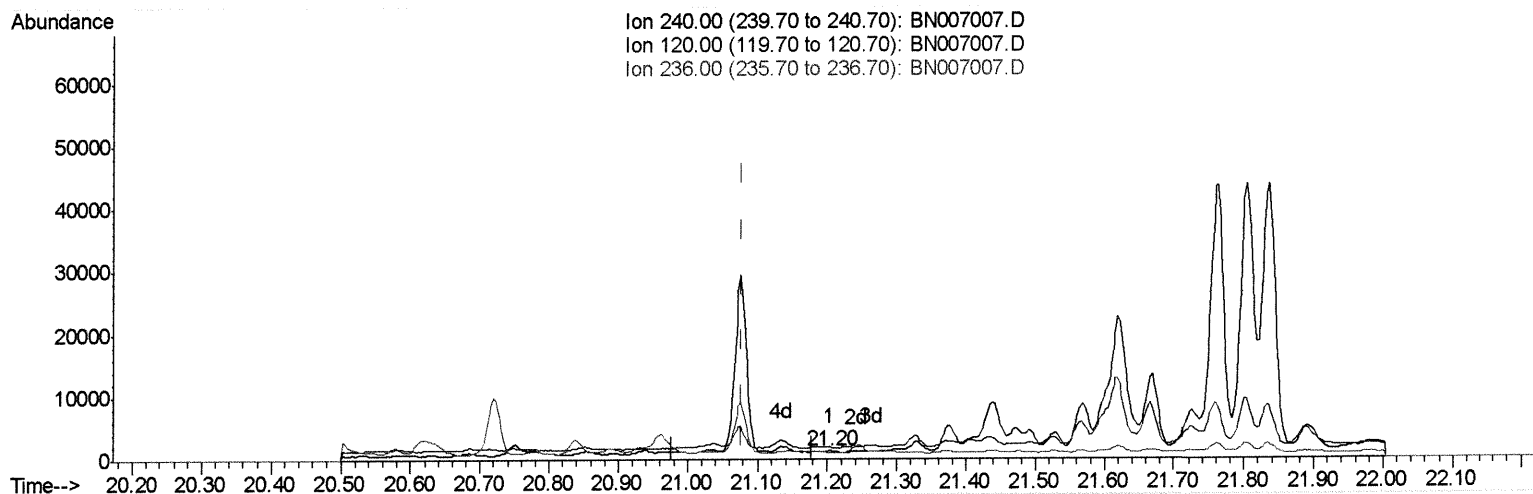
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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)

21.204min (+0.125) 0.40ng/ul

response 397

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	142.33#
236.00	29.00	75.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

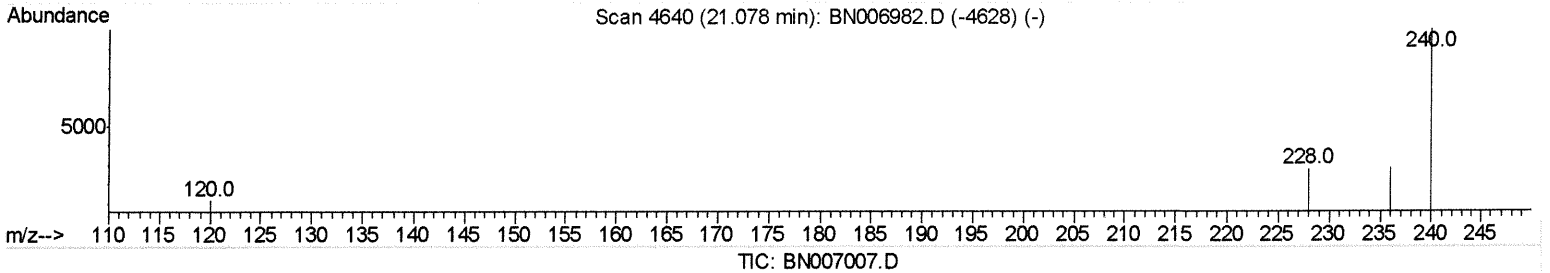
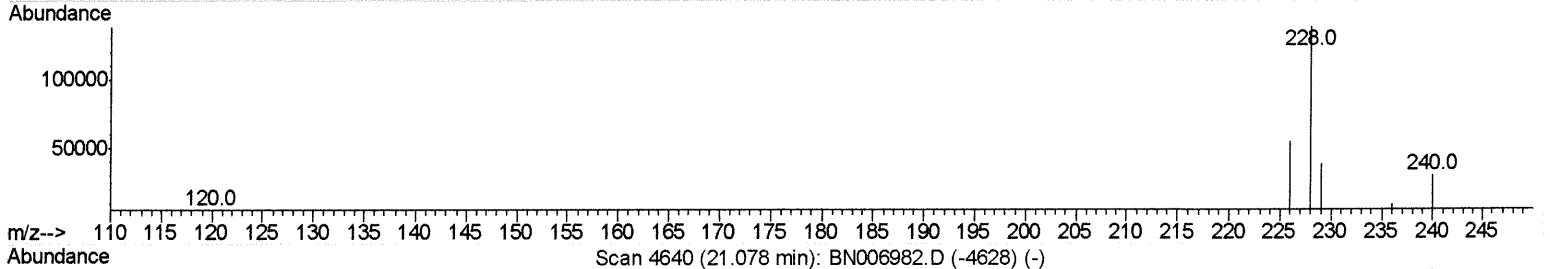
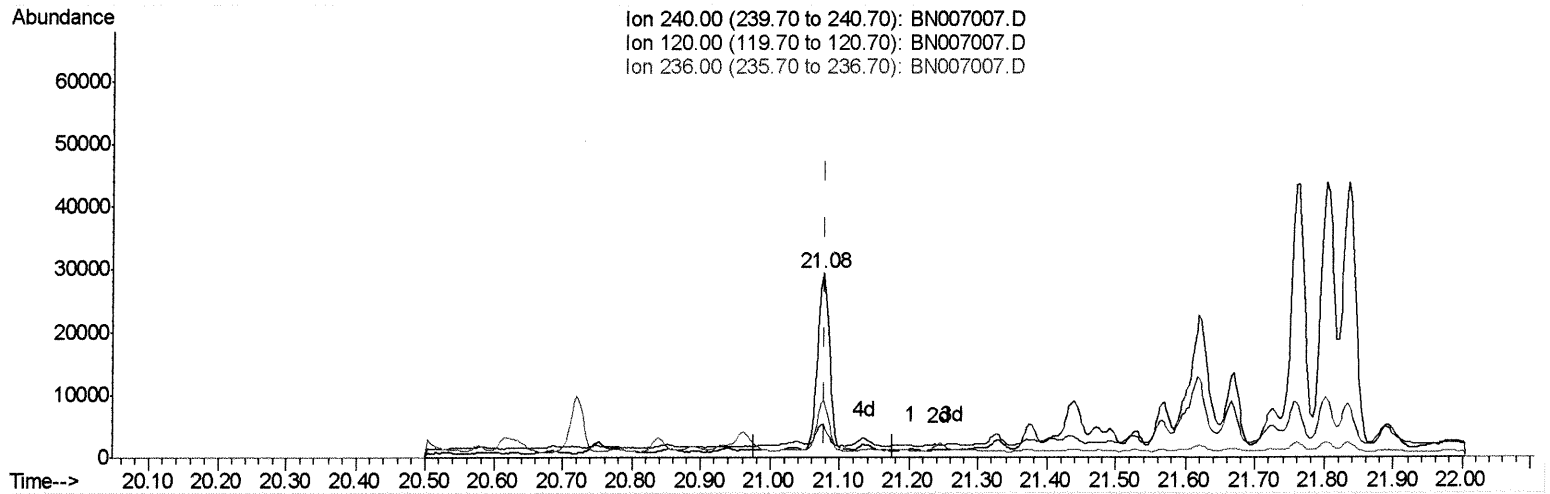
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:53:31 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)

21.075min (-0.003) 0.40ng/ul m JU 08/09/19

response 32145

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	17.31#
236.00	29.00	31.12
0.00	0.00	0.00

Quantitation Report (Qedit)

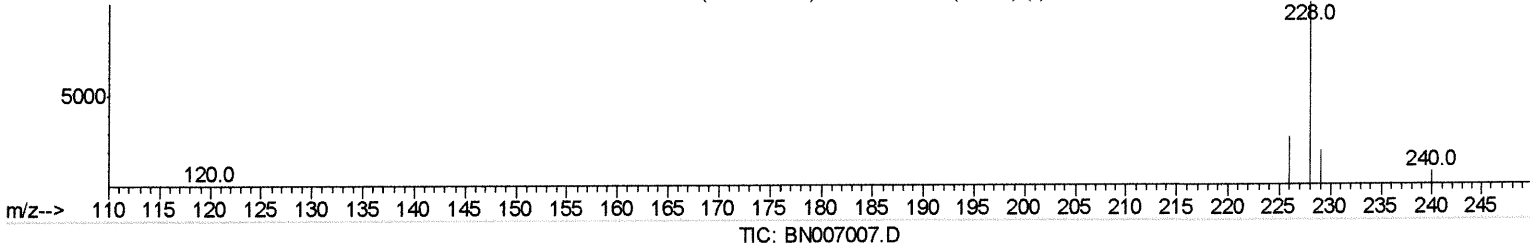
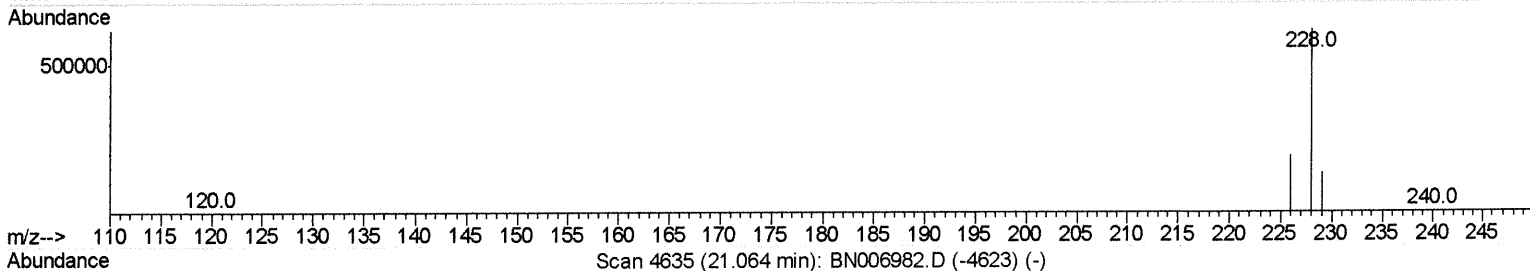
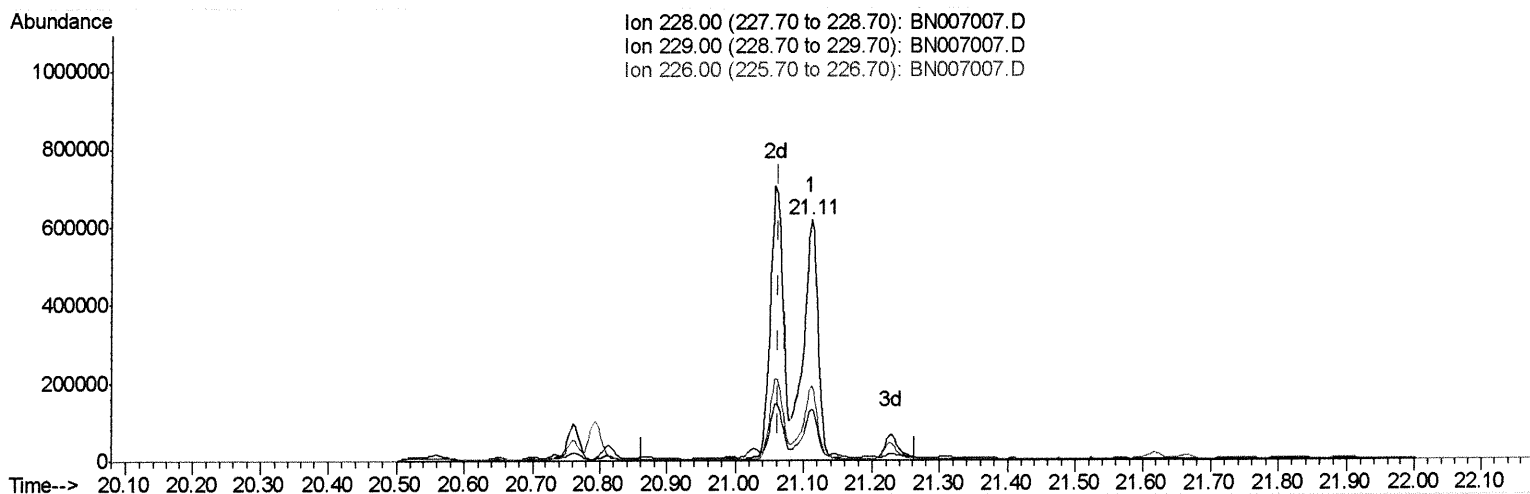
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:57:06 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

21.110min (+0.047) 6.48ng/ul

response 914632

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.45
226.00	27.80	30.94
0.00	0.00	0.00

Quantitation Report (Qedit)

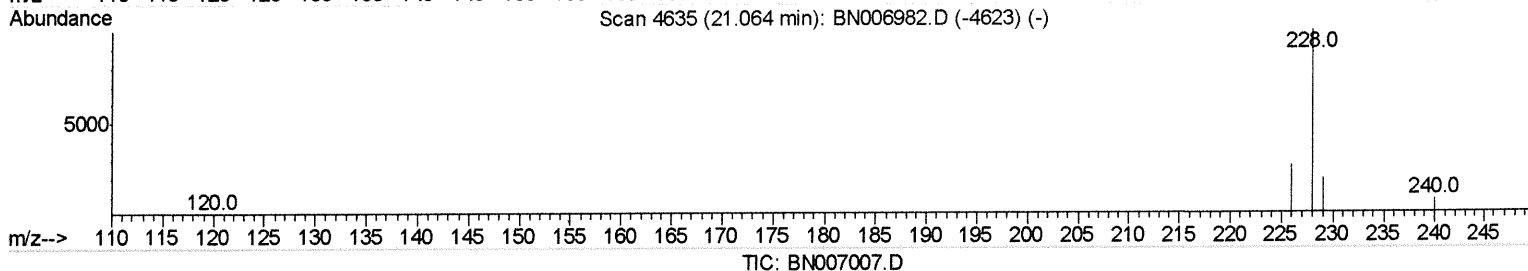
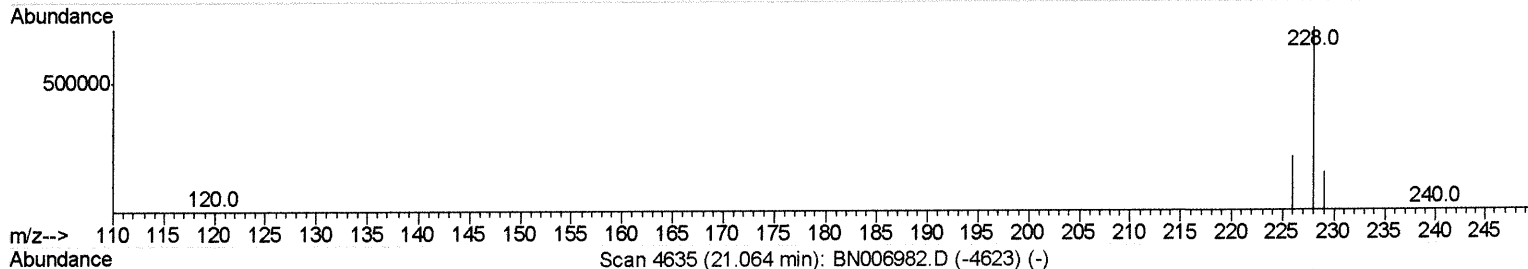
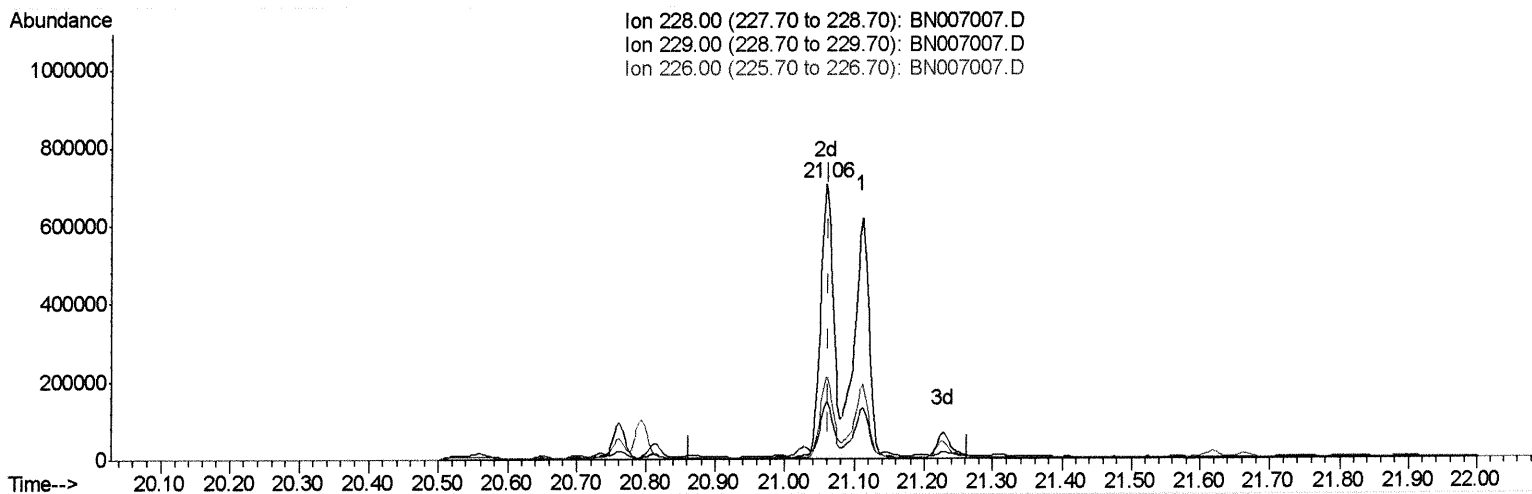
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:57:06 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

21.058min (-0.006) 6.30ng/ul m *JU 08/09/19*

response 888946

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.69
226.00	27.80	29.72
0.00	0.00	0.00

Quantitation Report (Qedit)

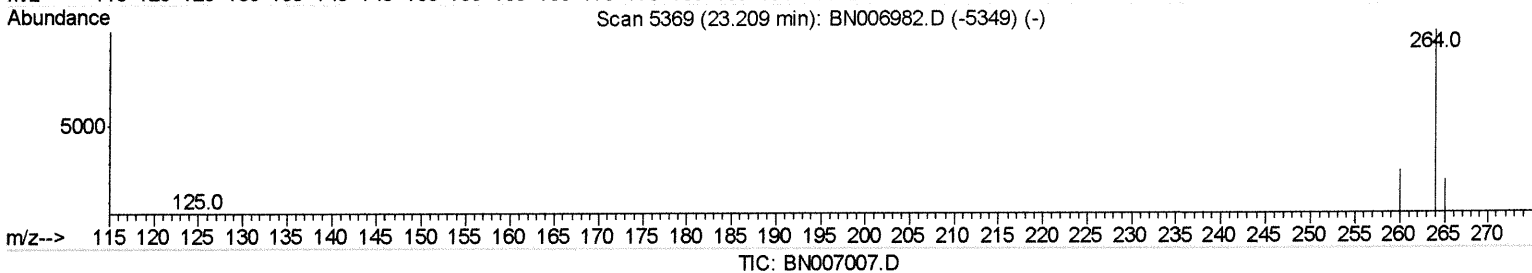
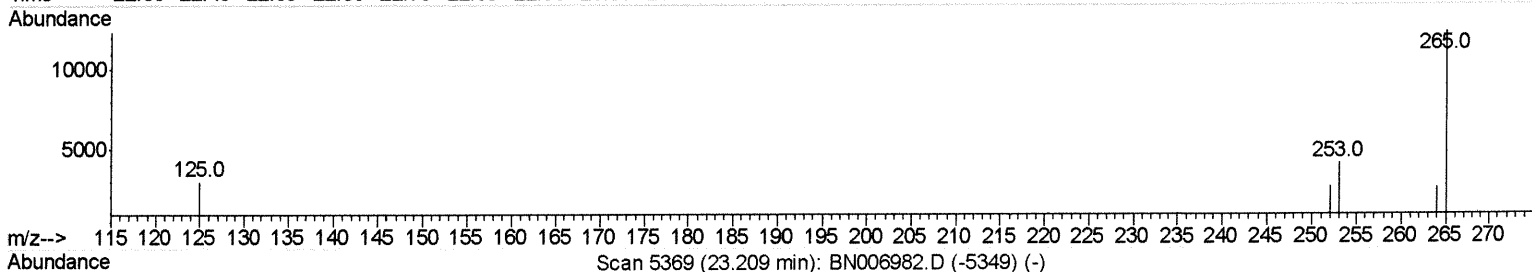
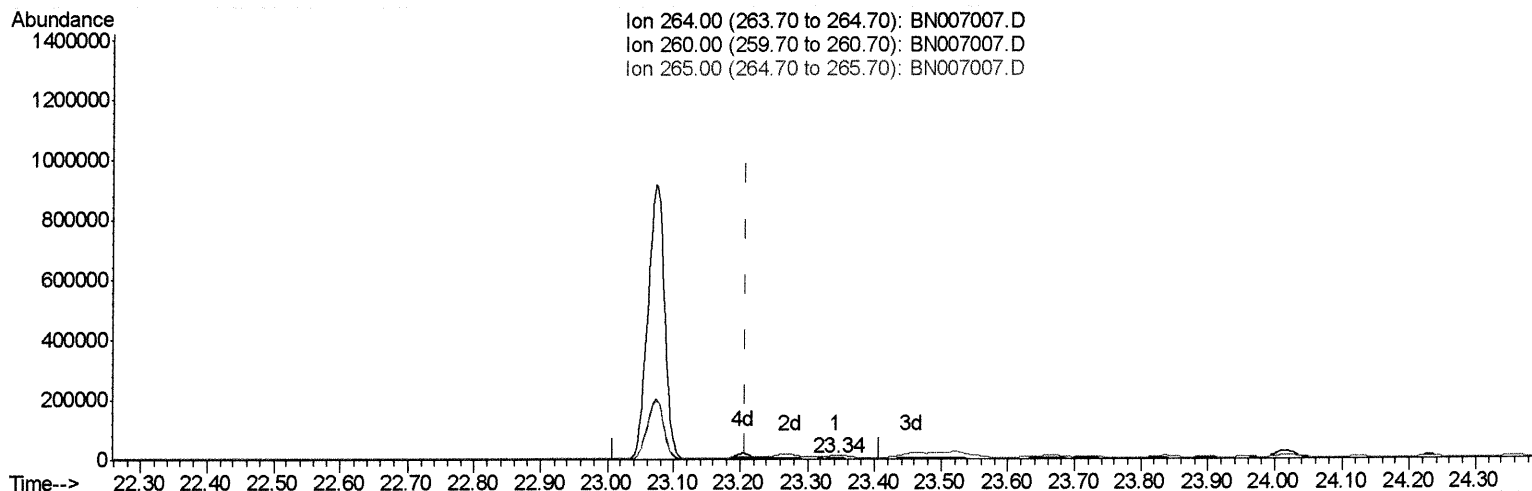
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:57:06 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)

23.343min (+0.134) 0.40ng/ul

response 4726

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	35.65#
265.00	27.80	479.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

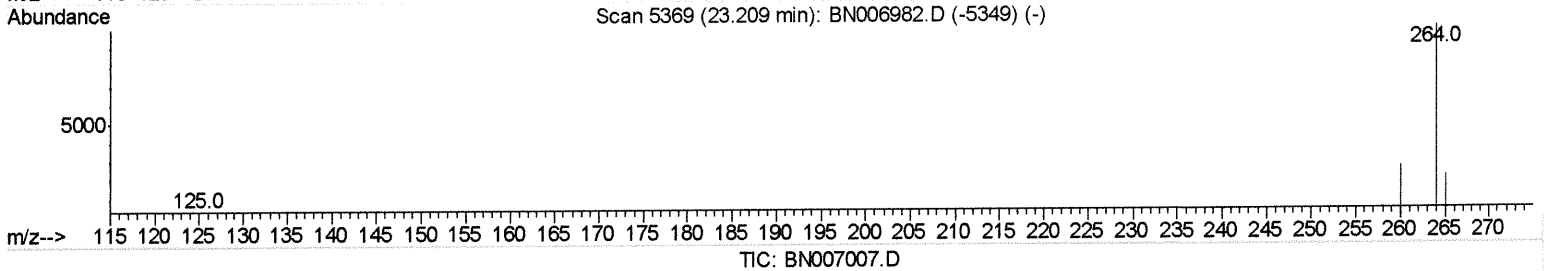
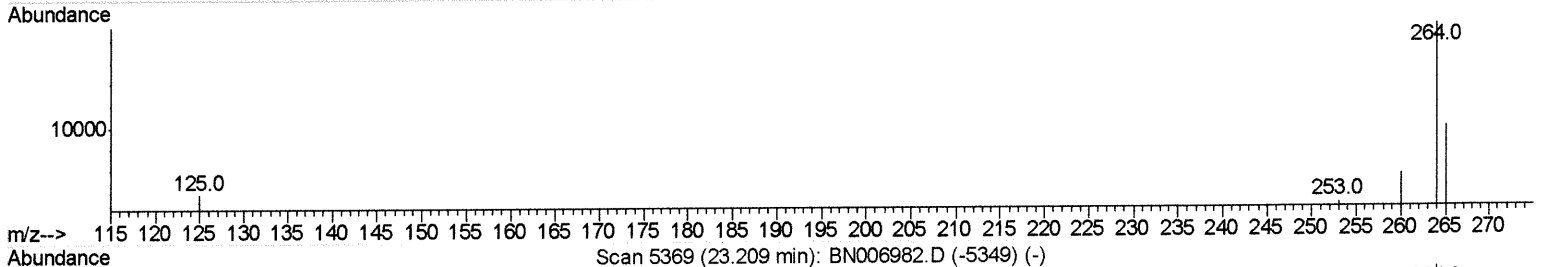
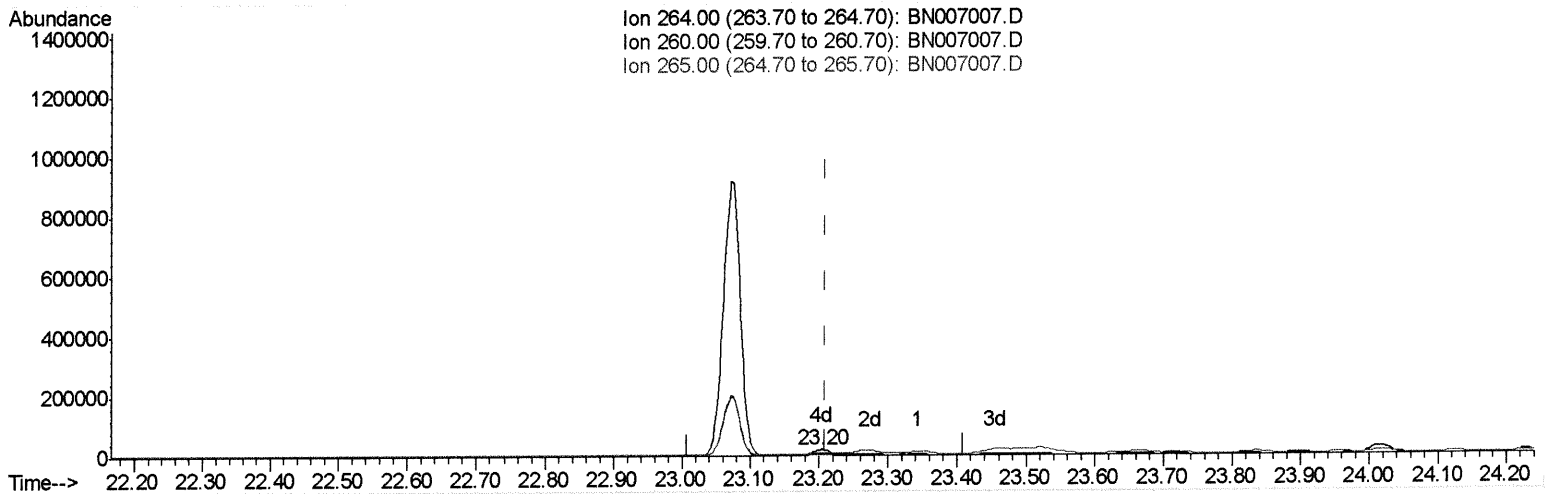
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:57:06 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)

23.203min (-0.006) 0.40ng/ul m

JU
8/09/19

response 31006

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.44
265.00	27.80	51.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

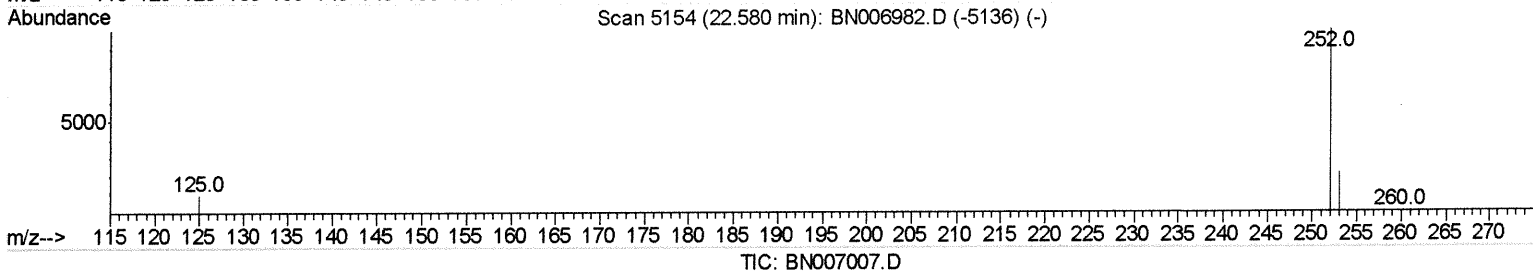
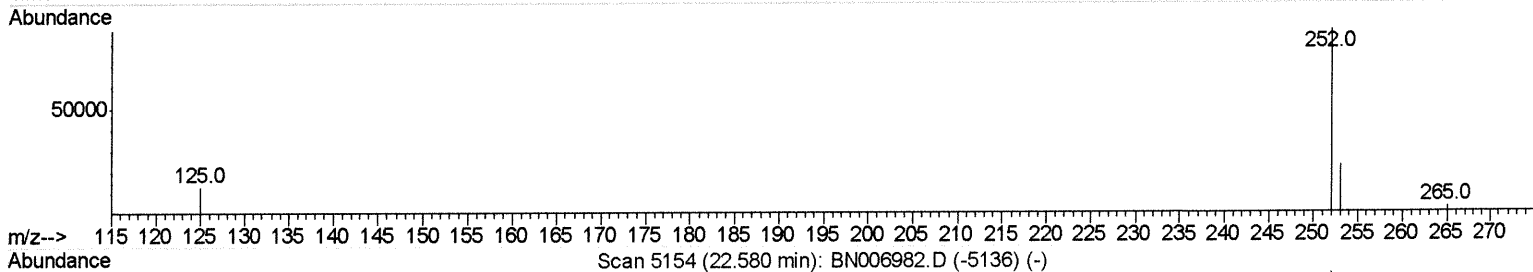
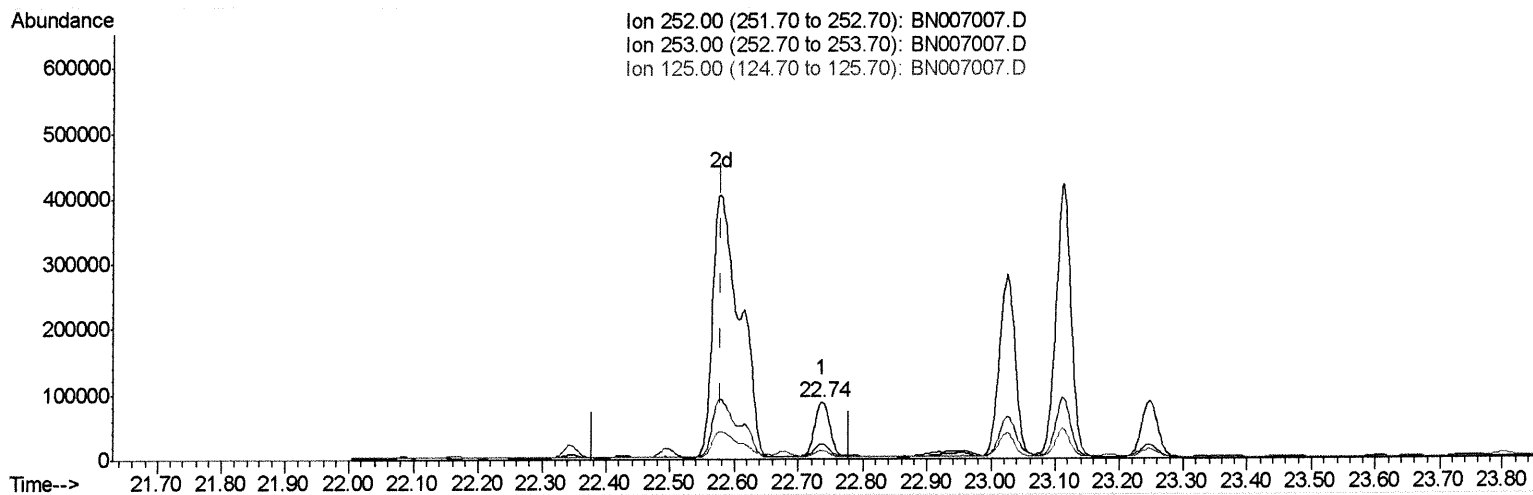
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

22.738min (+0.158) 1.17ng/ul

response 146950

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.34
125.00	11.10	14.97
0.00	0.00	0.00

Quantitation Report (Qedit)

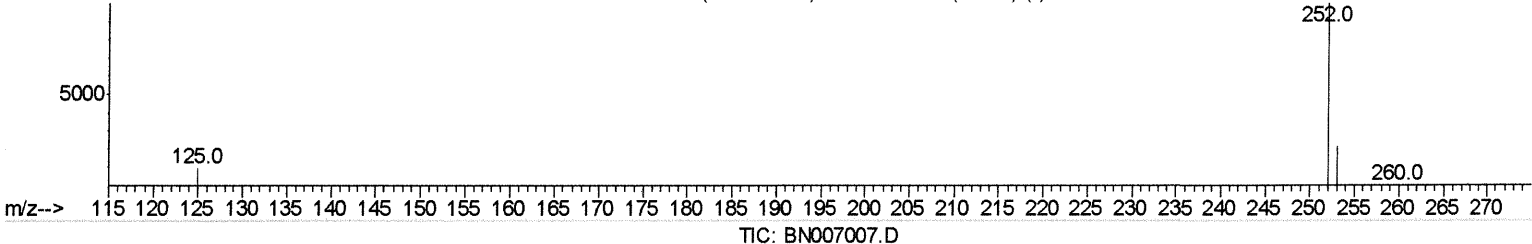
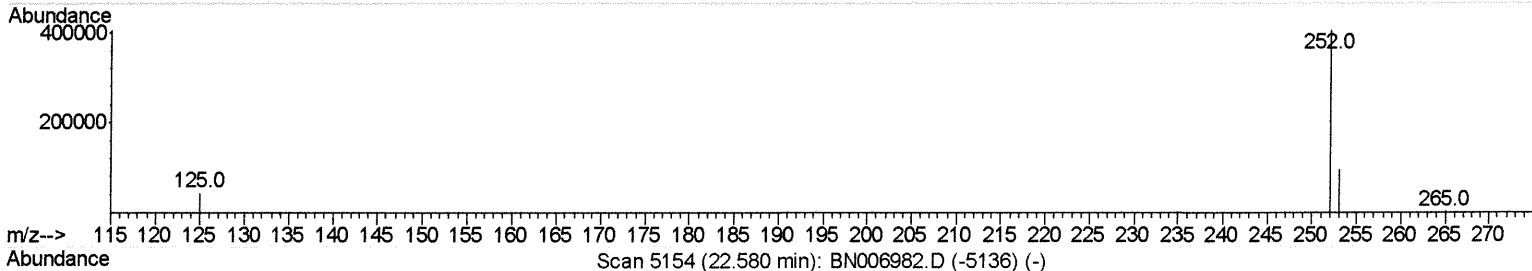
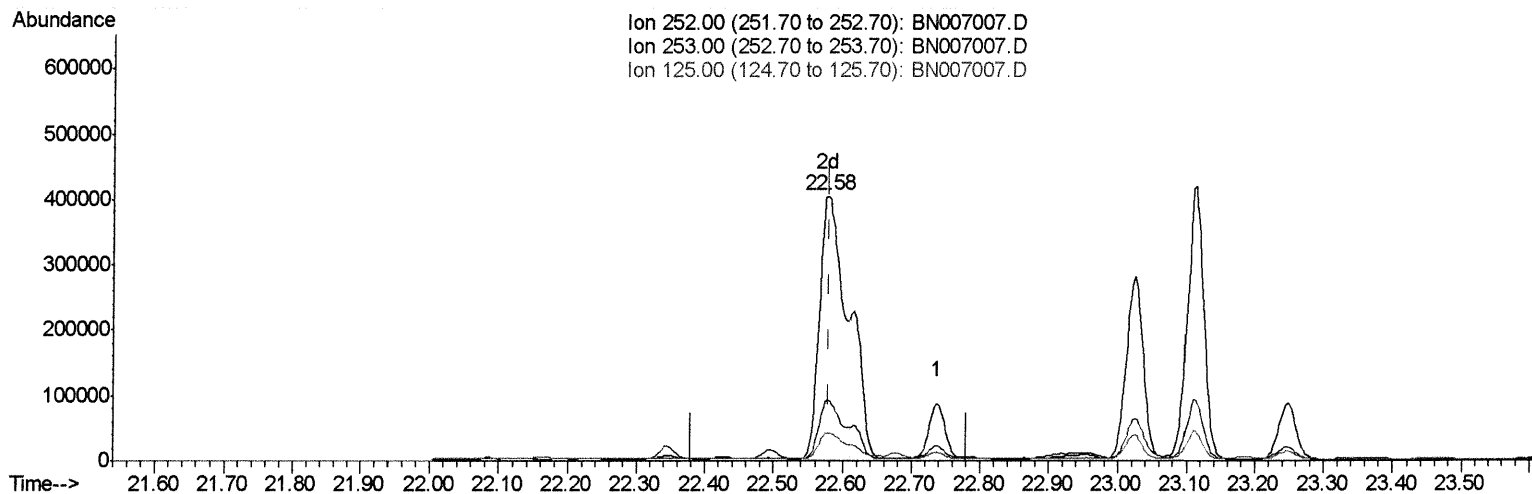
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

22.577min (-0.003) 7.43ng/ui m

JU 08/09/19

response 933568

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.11
125.00	11.10	10.59
0.00	0.00	0.00

Quantitation Report (Qedit)

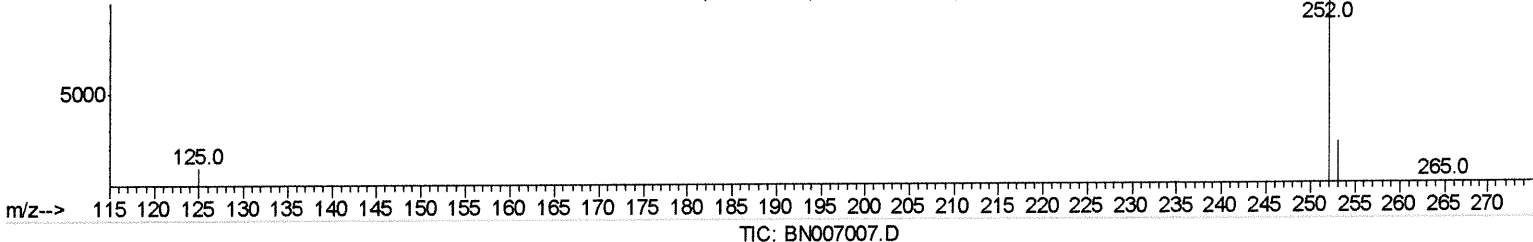
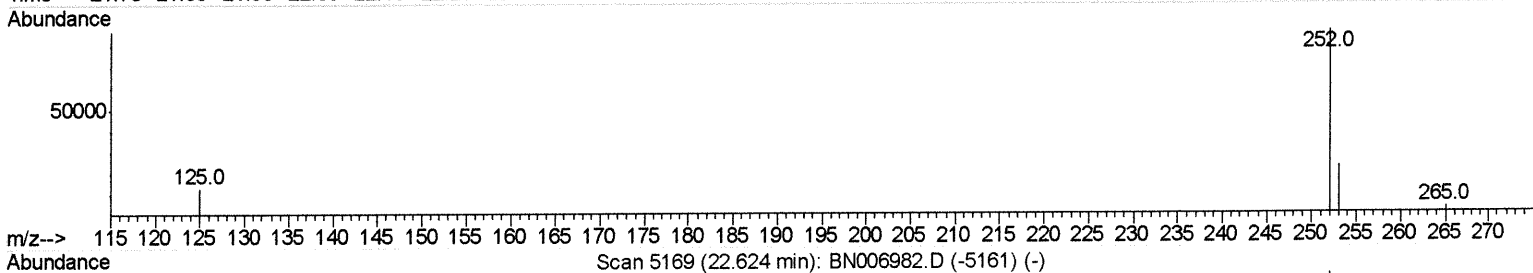
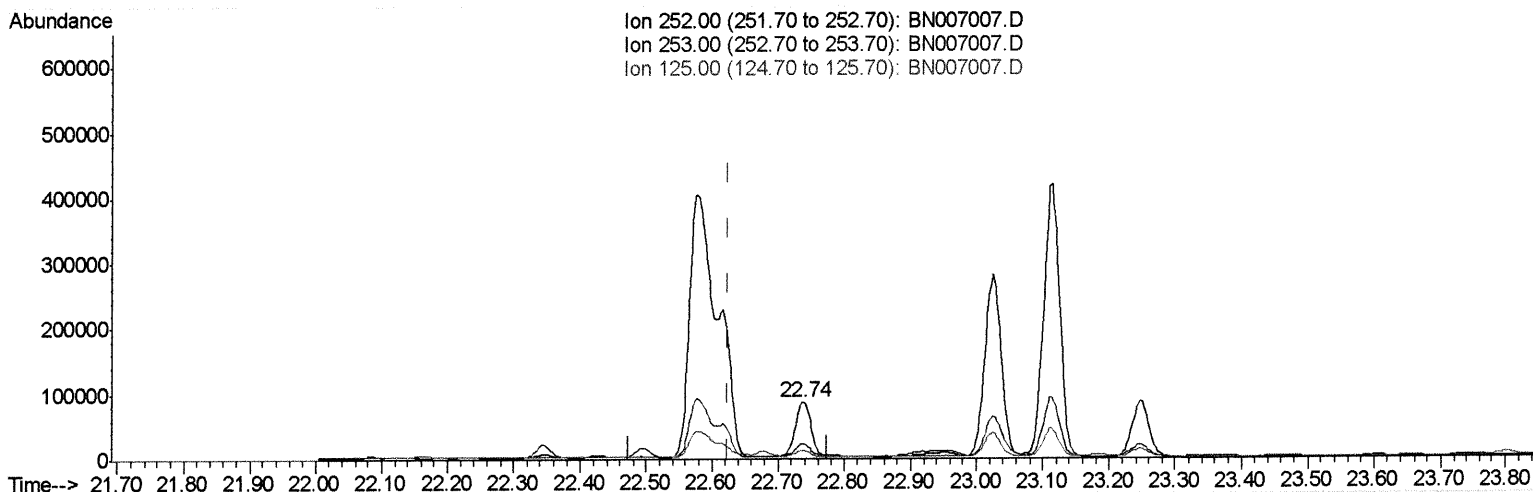
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

22.738min (+0.114) 1.20ng/ul

response 146554

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.34
125.00	10.90	14.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

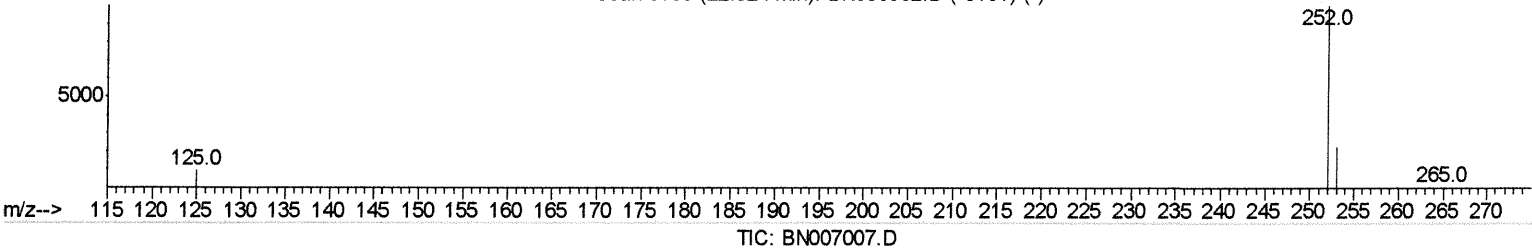
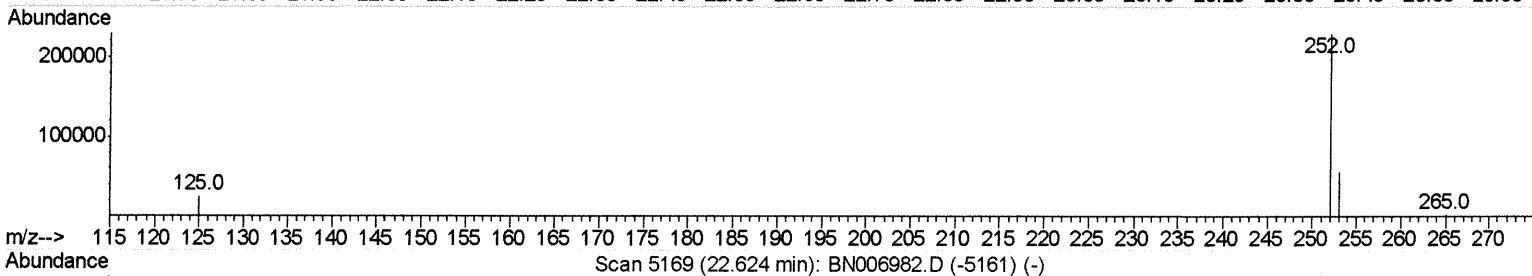
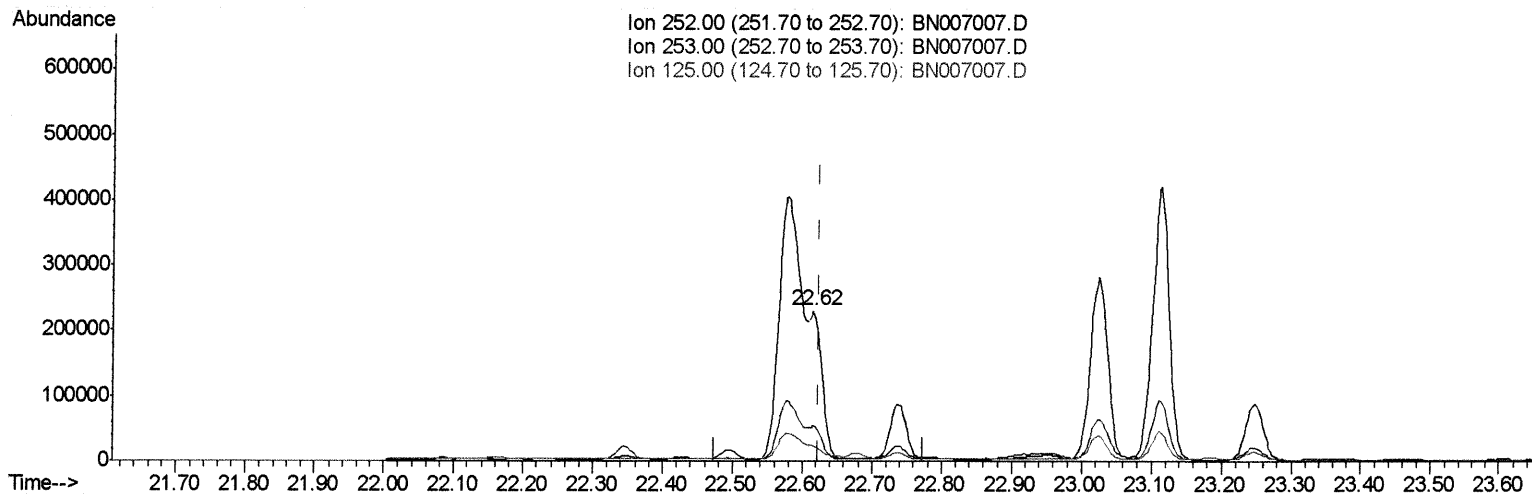
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

22.615min (-0.009) 2.06ng/ul m

JU 8/9/19

response 250753

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.05
125.00	10.90	10.61
0.00	0.00	0.00

Quantitation Report (Qedit)

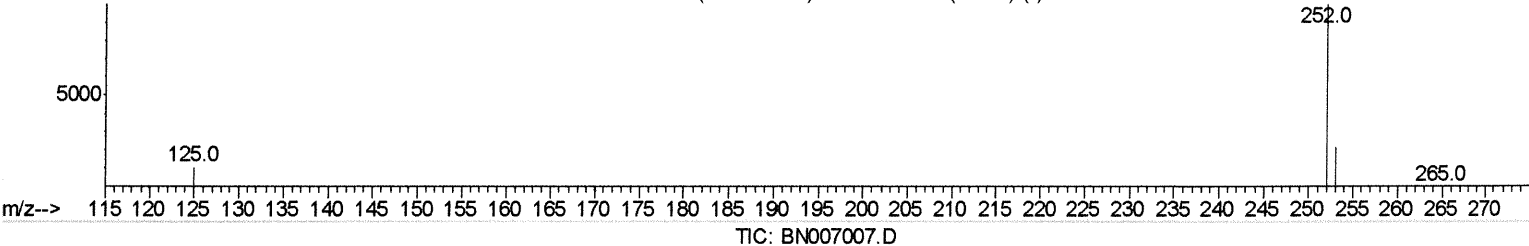
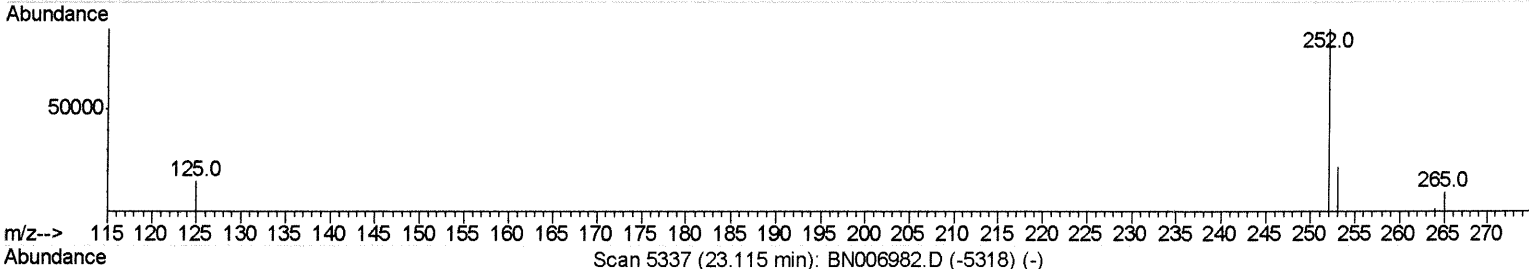
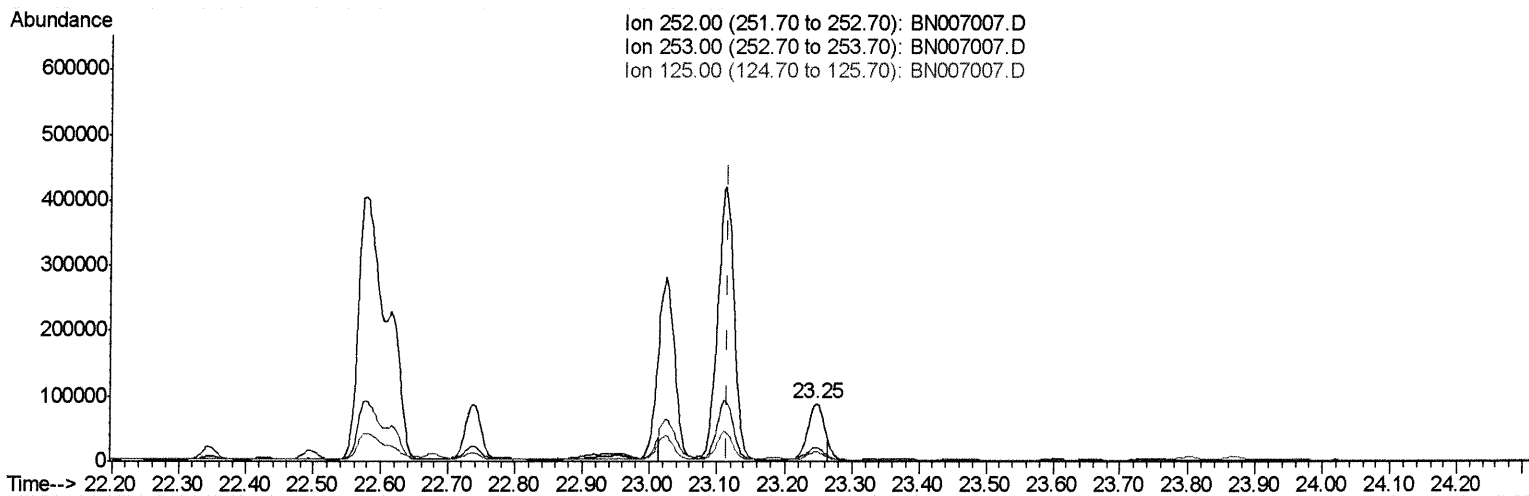
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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)

23.247min (+0.131) 1.30ng/ul

response 154075

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.73
125.00	12.50	17.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

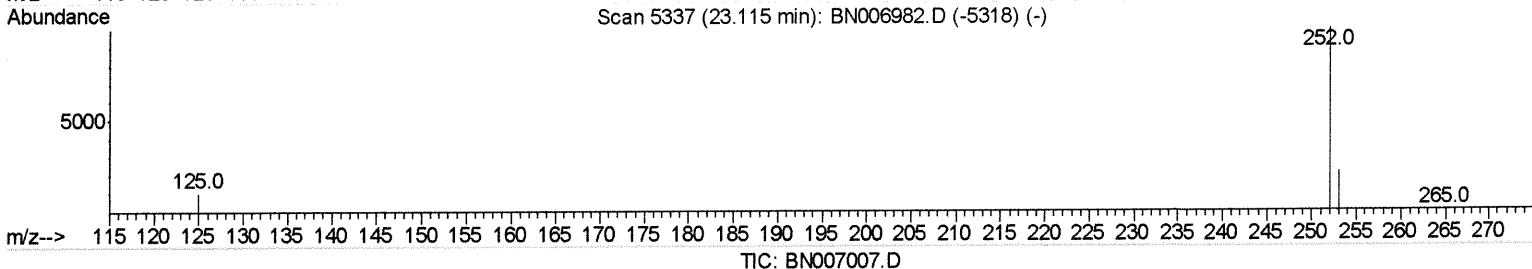
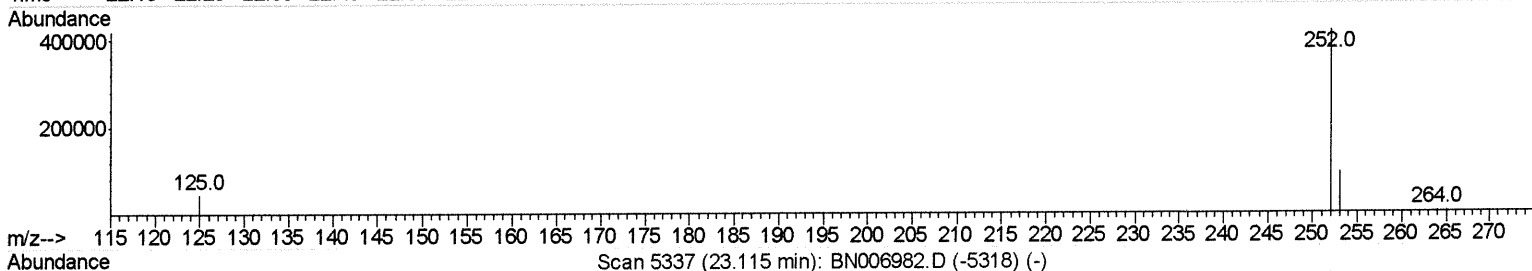
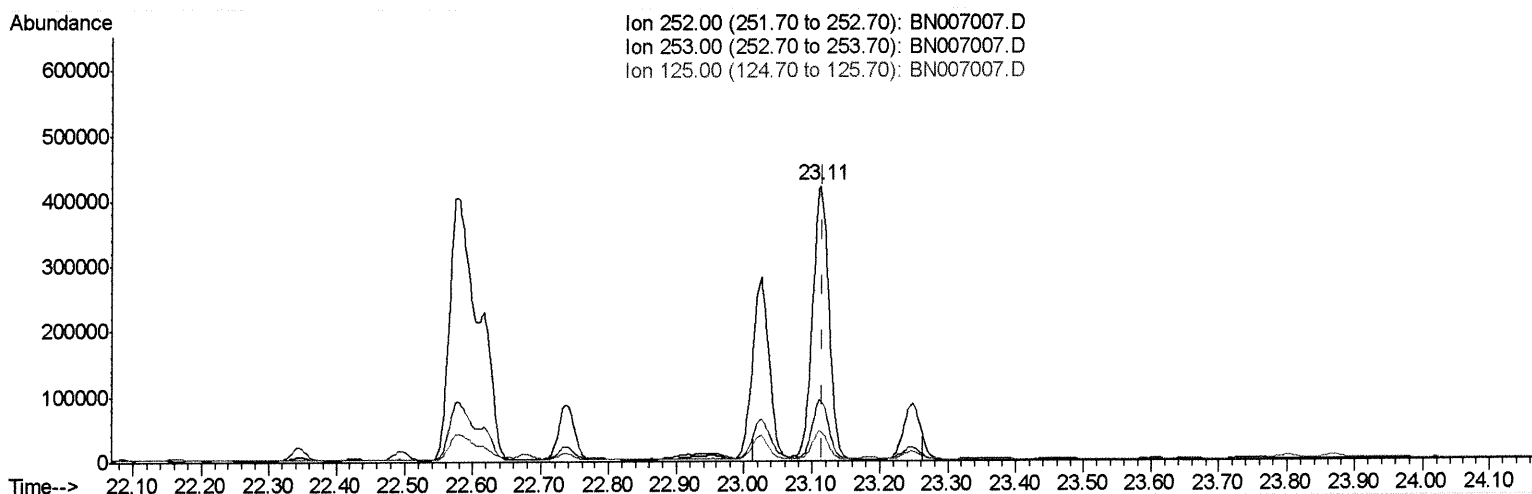
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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)

23.112min (-0.003) 5.87ng/ul m *JU 08/09/19*

response 694744

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.51
125.00	12.50	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

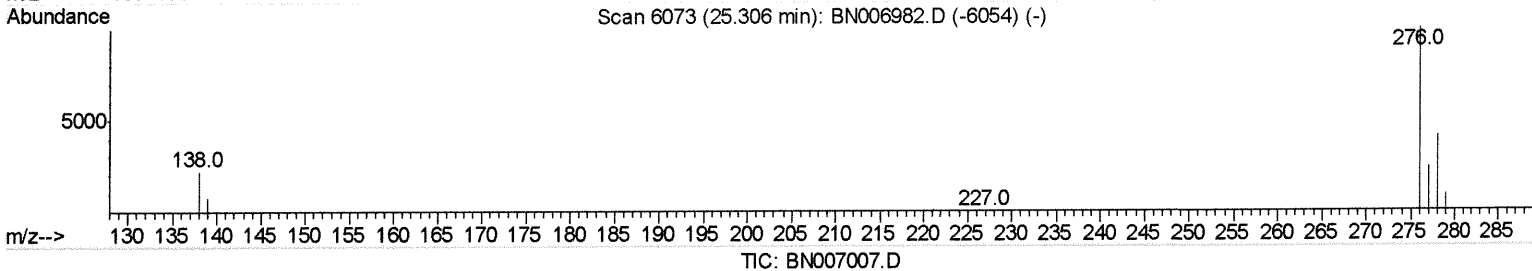
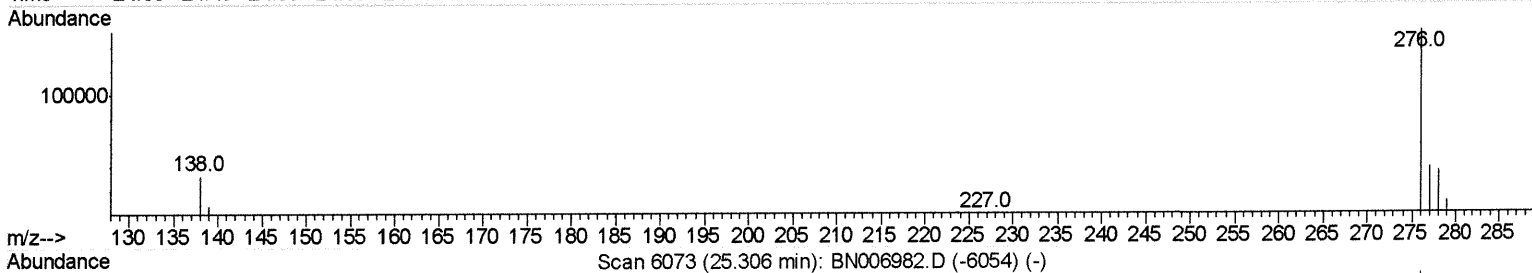
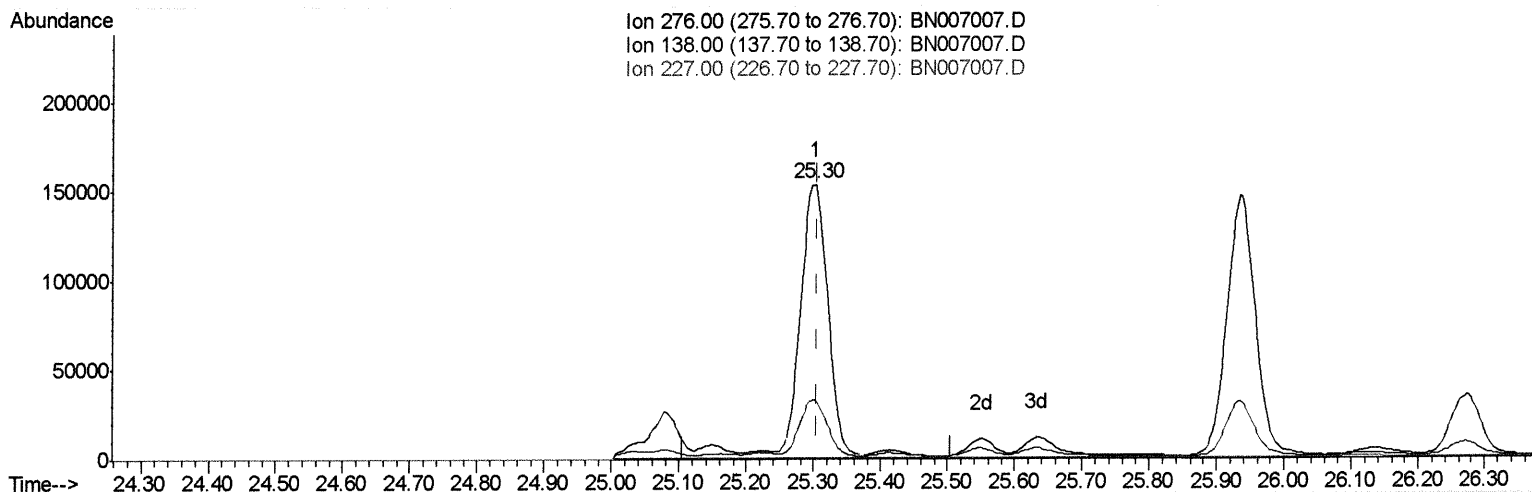
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.302min (-0.004) 3.26ng/ul

response 415709

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.44
227.00	0.30	0.31
0.00	0.00	0.00

Quantitation Report (Qedit)

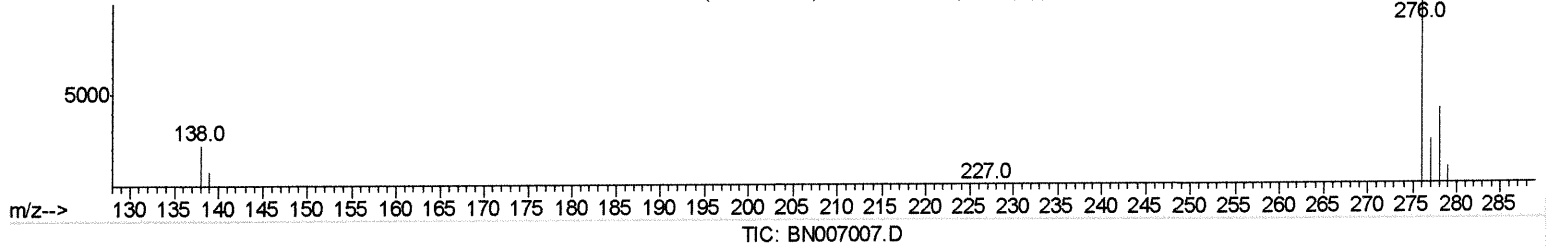
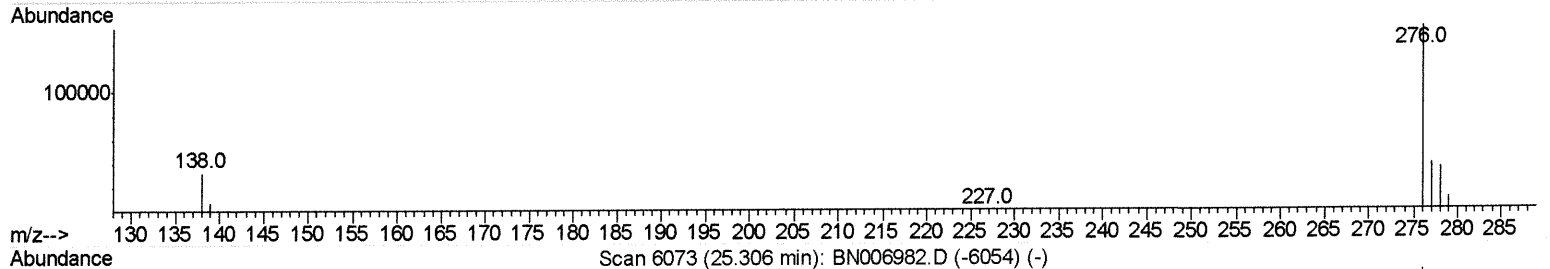
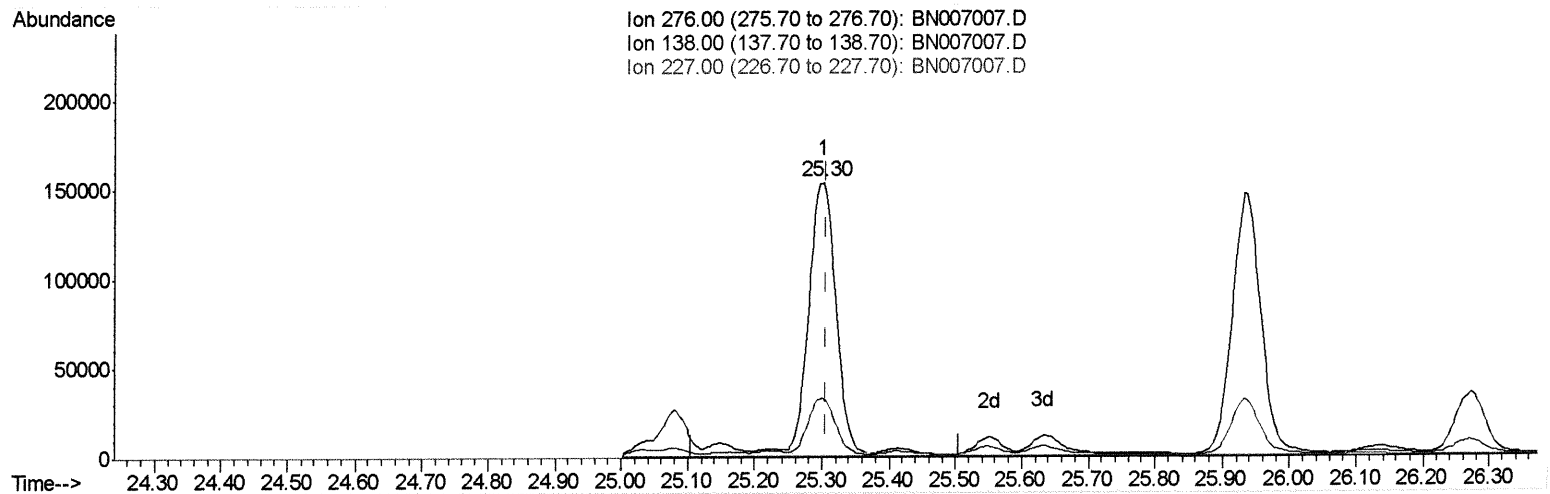
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.302min (-0.004) 3.31ng/ul m *JU 08/09/19*

response 421735

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.14
227.00	0.30	0.30
0.00	0.00	0.00

Quantitation Report (Qedit)

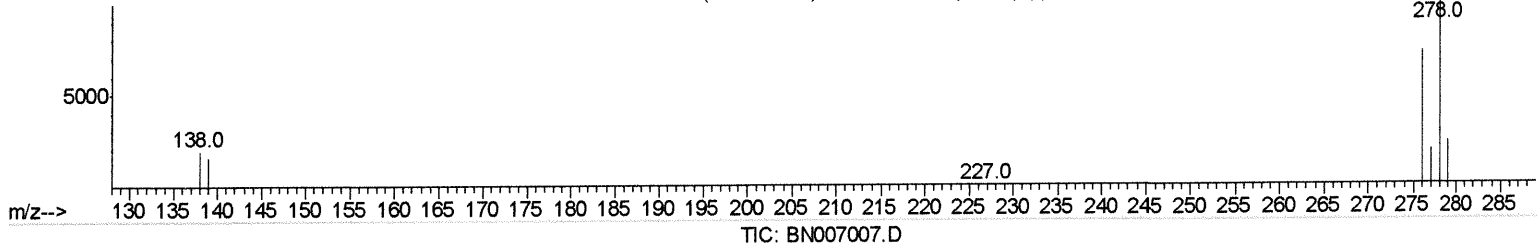
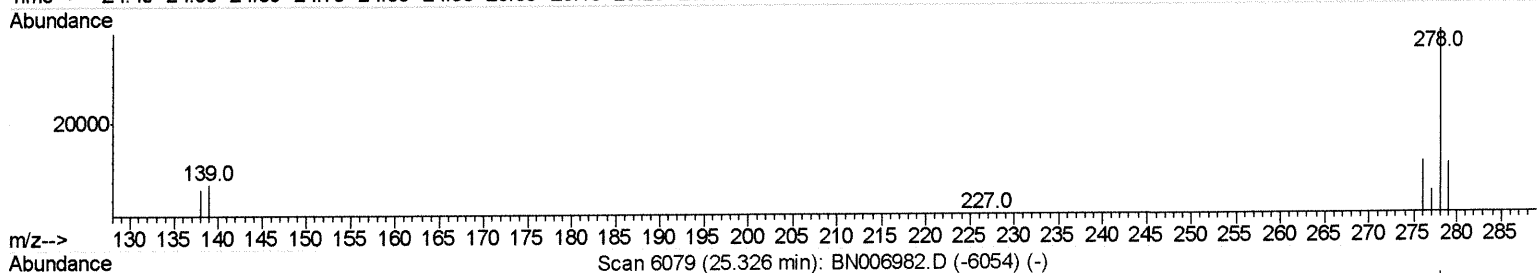
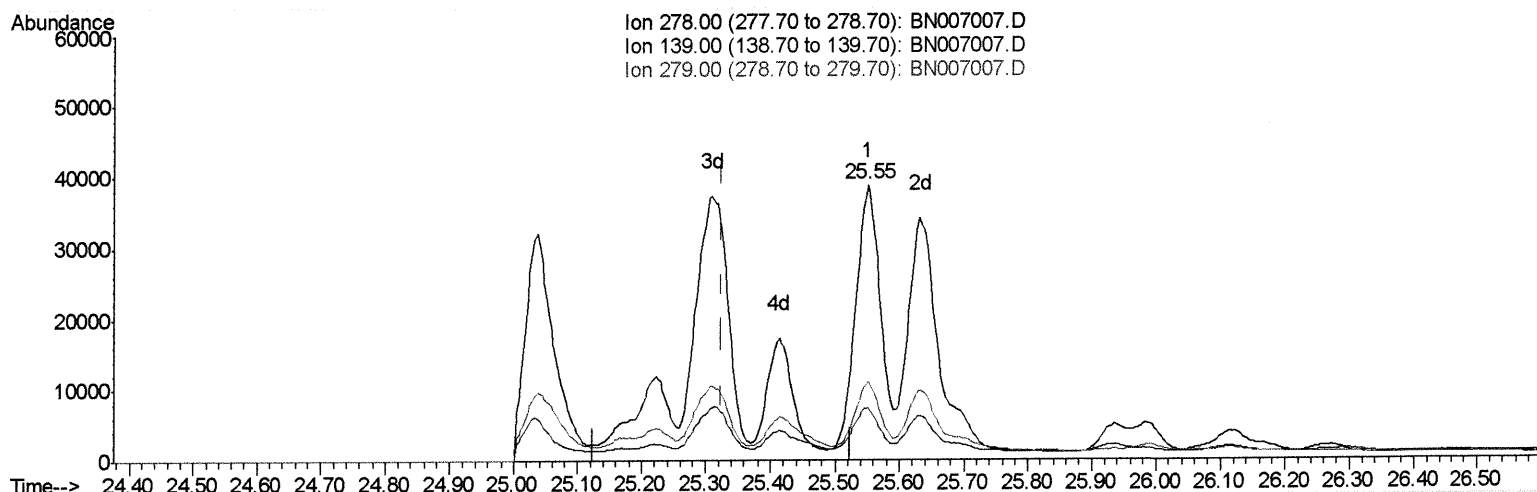
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.551min (+0.224) 0.97ng/ul

response 98993

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	19.06
279.00	24.50	28.66
0.00	0.00	0.00

Quantitation Report (Qedit)

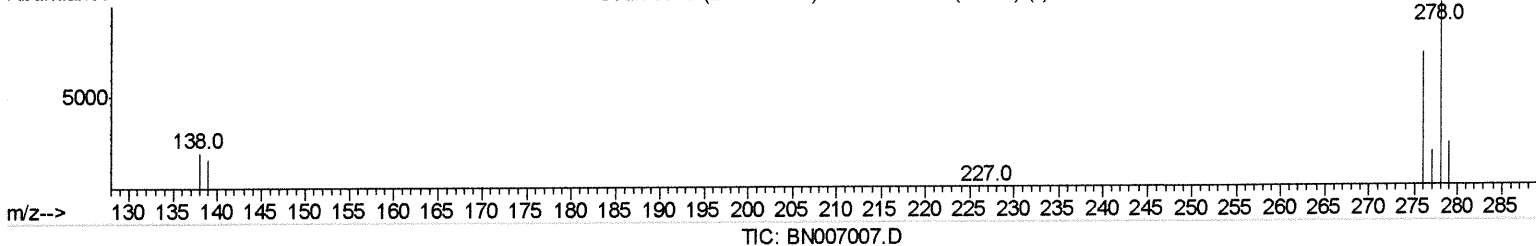
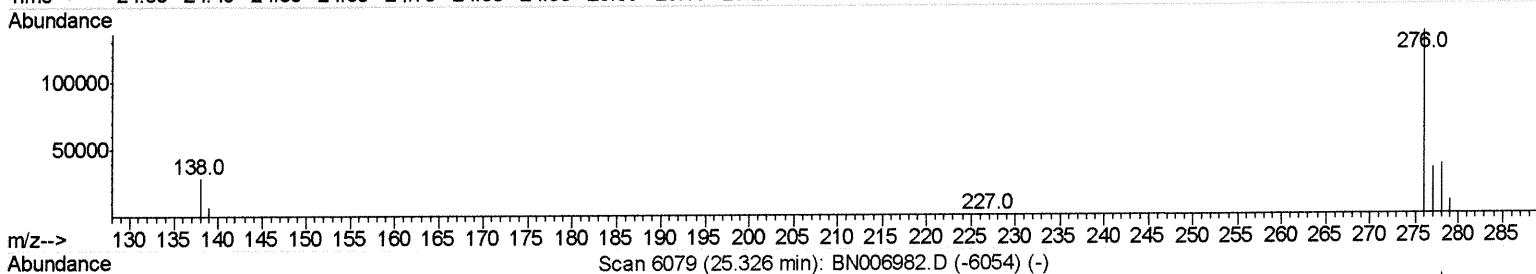
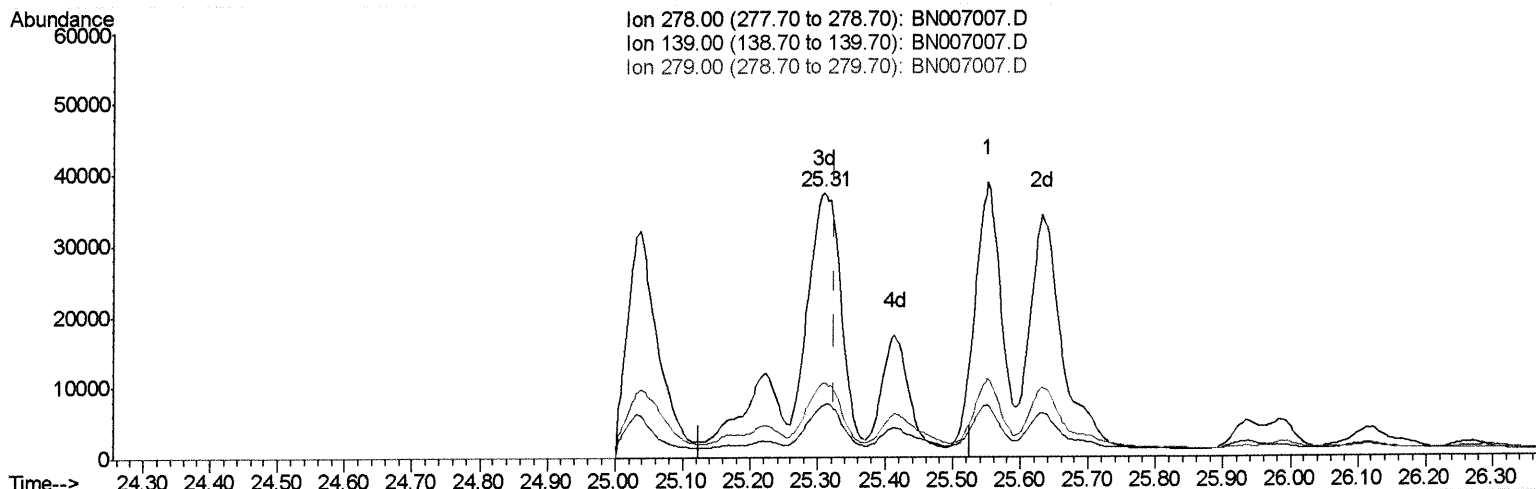
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP05

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.309min (-0.017) 1.13ng/ul m

JU
08/09/19

response 115634

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	19.56
279.00	24.50	28.08
0.00	0.00	0.00

Quantitation Report (Qedit)

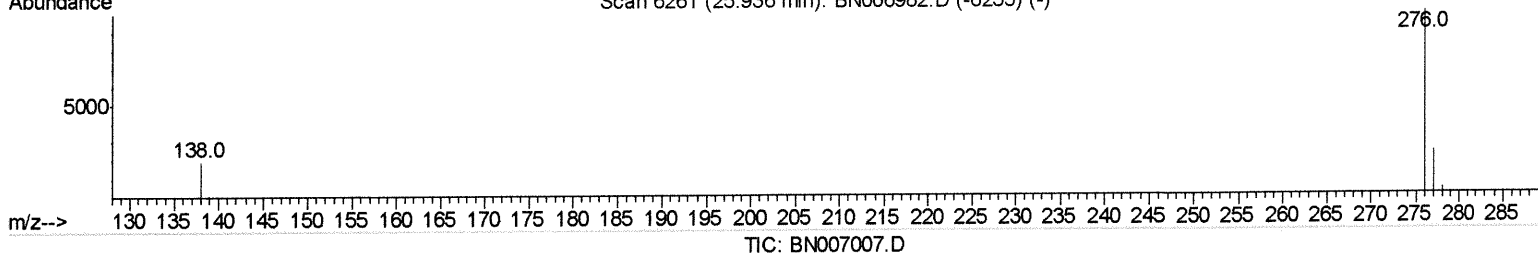
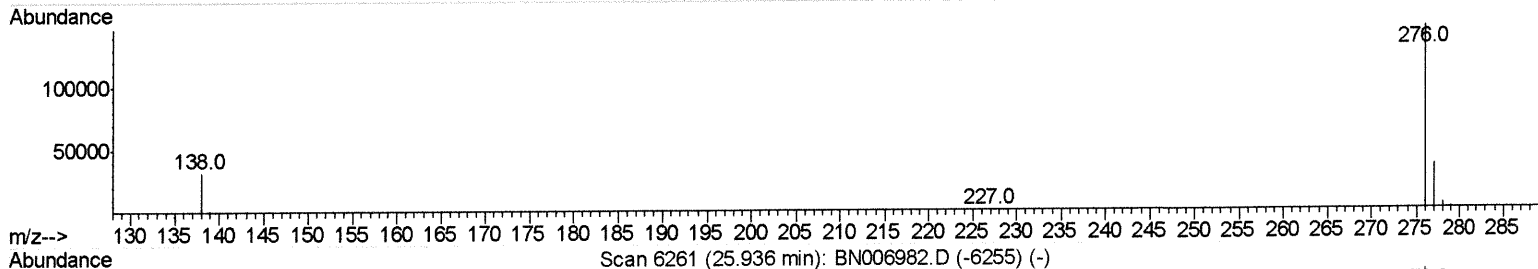
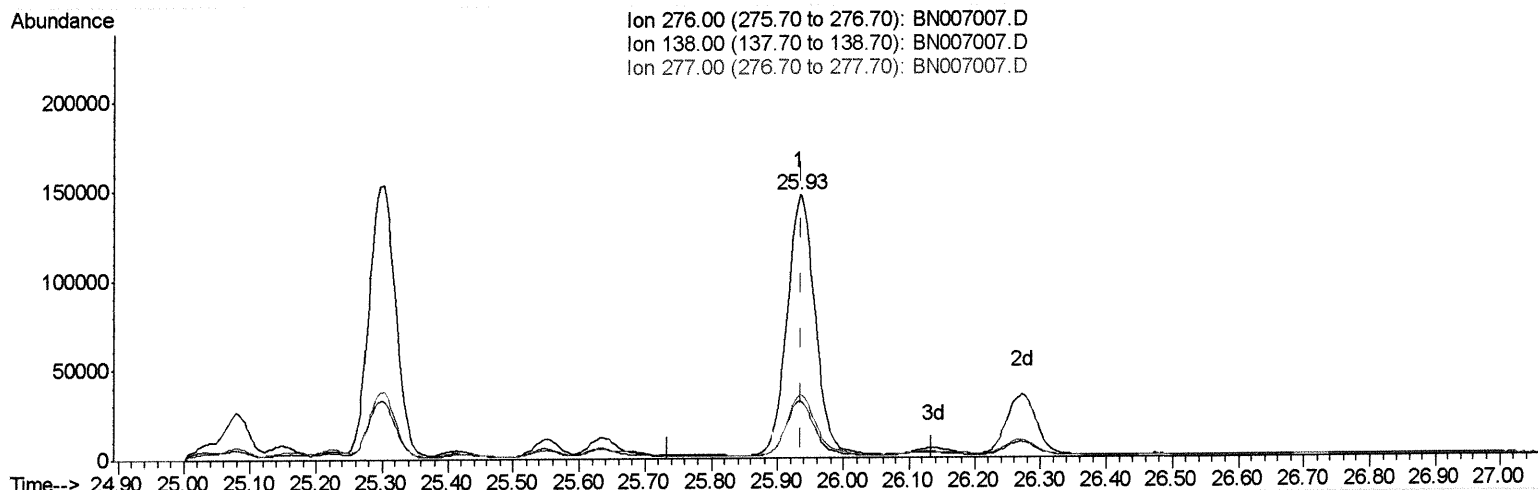
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.933min (-0.004) 3.93ng/ul

response 420766

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.61
277.00	24.10	24.15
0.00	0.00	0.00

Quantitation Report (Qedit)

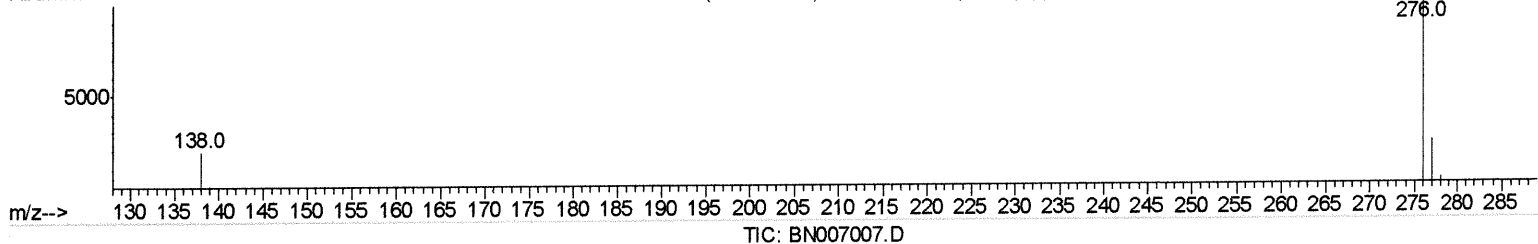
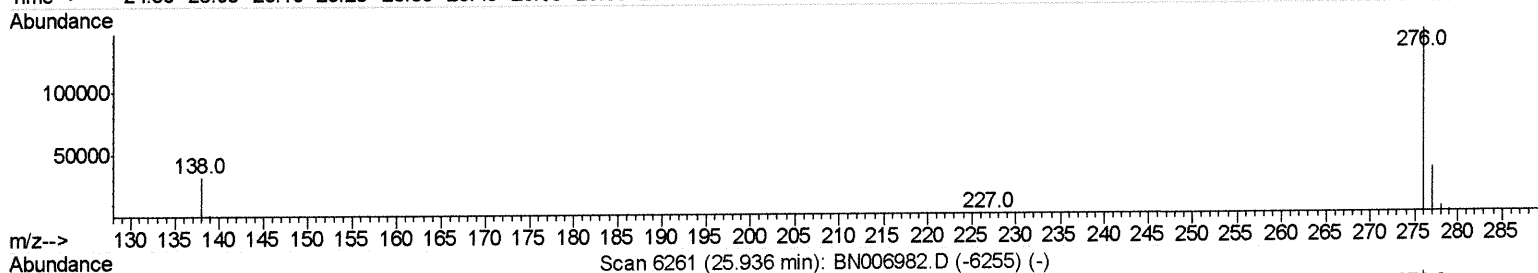
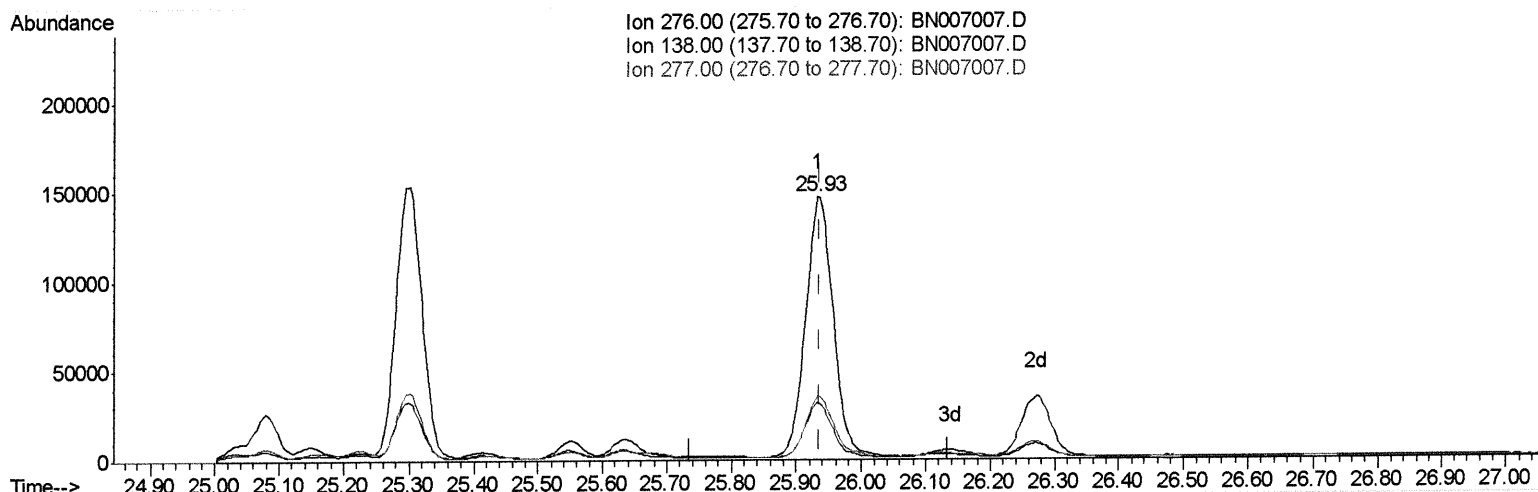
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 06:58:21 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

25.933min (-0.004) 4.03ng/ul m *JU 08/09/19*

response 431558

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.61
277.00	24.10	24.15
0.00	0.00	0.00

Quantitation Report (Qedit)

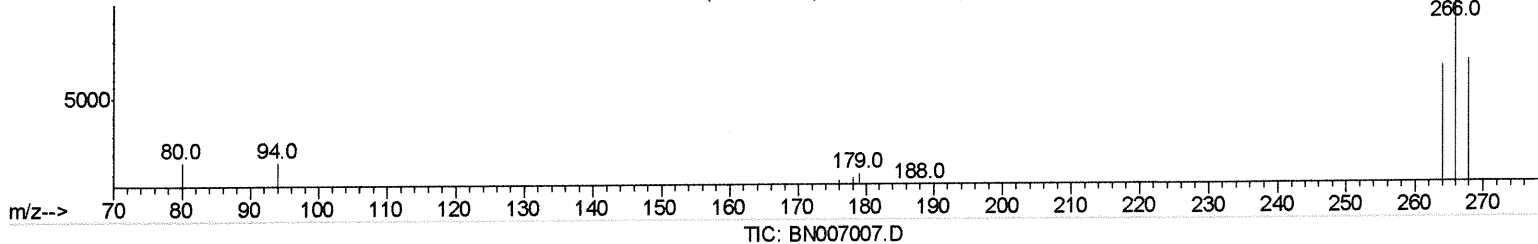
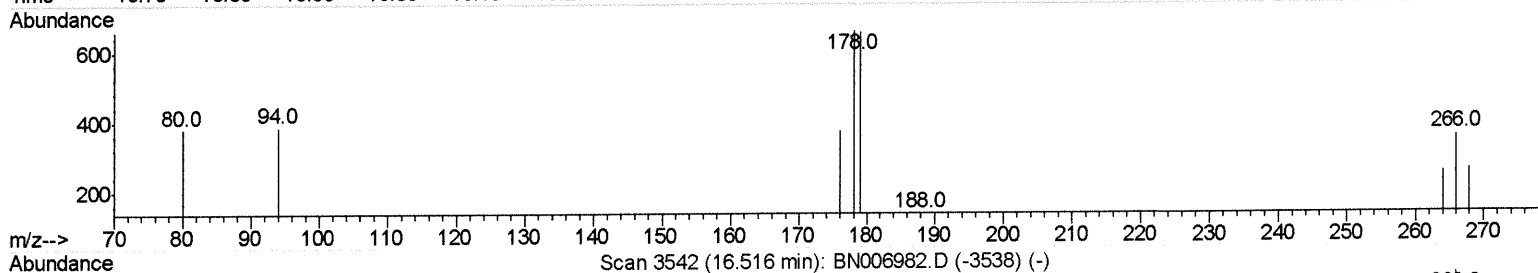
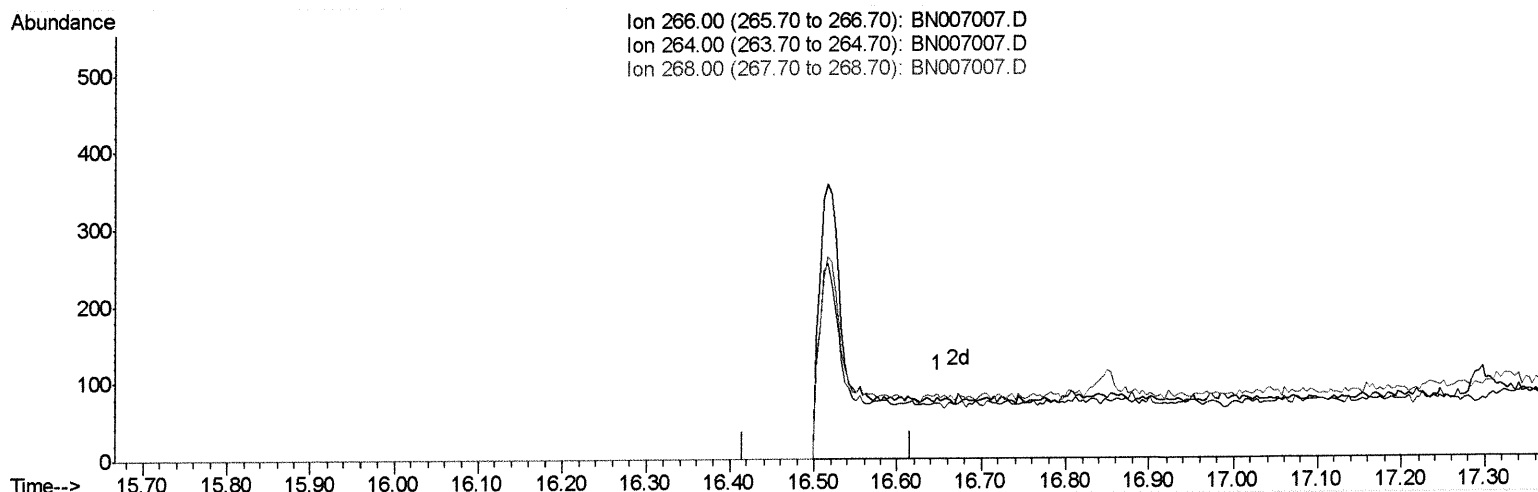
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 07:01:49 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



(11) Pentachlorophenol

16.516min (-16.516) 0.00ng/ul d

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	69.60	0.00
268.00	94.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

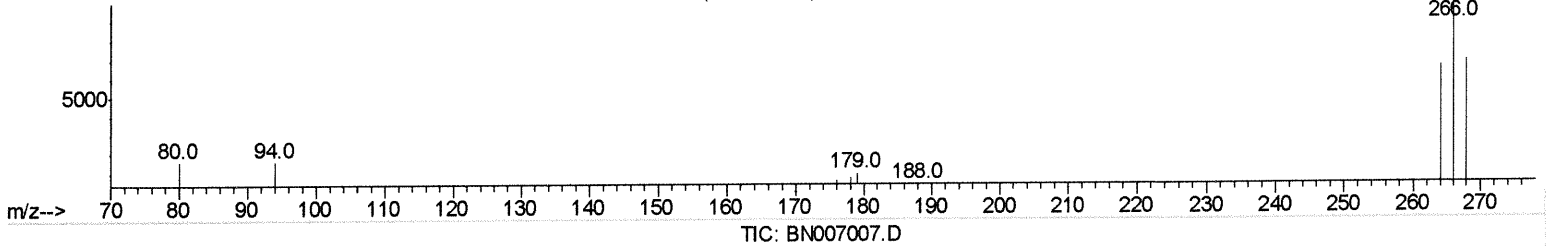
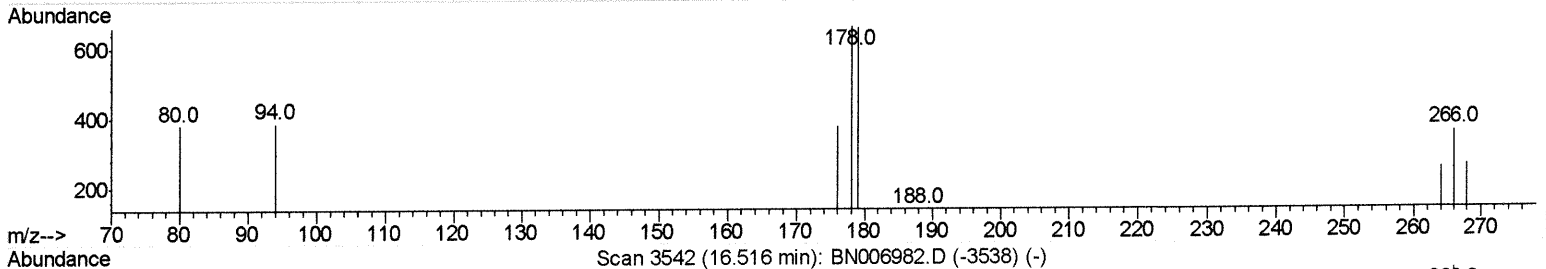
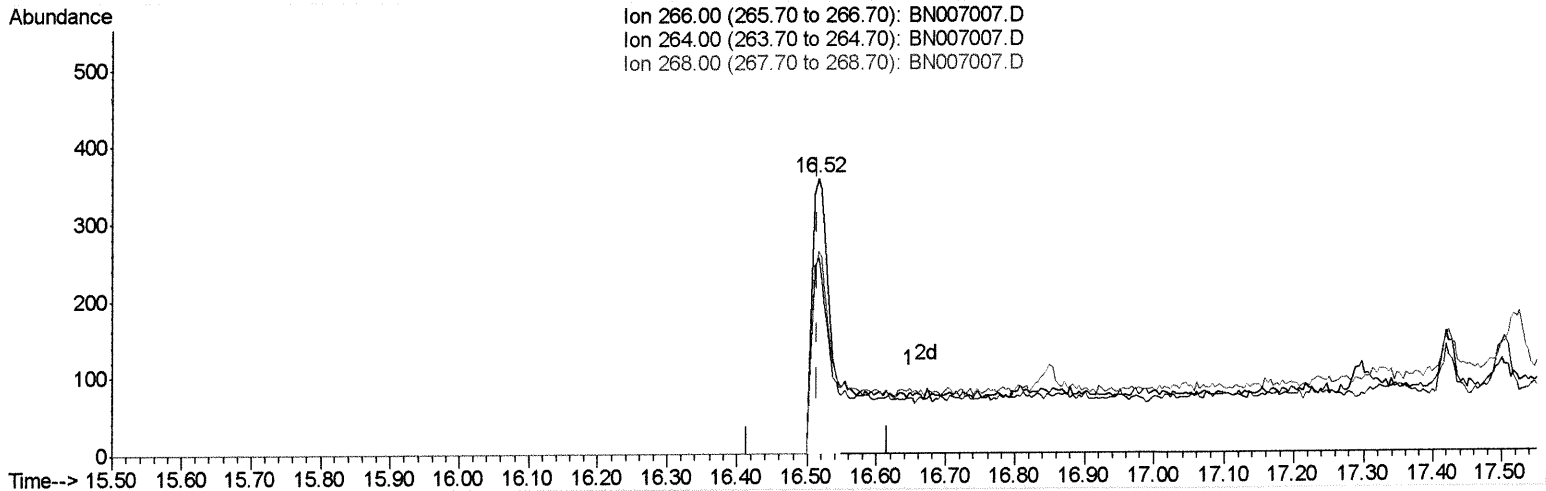
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 07:01:49 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



(11) Pentachlorophenol

16.516min (+0.000) 0.04ng/ul m *JU 08/09/19*

response 645

Ion	Exp%	Act%
266.00	100	100
264.00	69.60	0.00#
268.00	94.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 08:14:28 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	9168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	36597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22656	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54047m →	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	32145m →	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	31006m →	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.83	152	13448	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	34645m →	0.20	ng/ul	0.00

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Target Compounds

					Ovalue	
3) Naphthalene	10.28	128	26632	0.253	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	19248	0.243	ng/ul	100
7) Acenaphthylene	13.83	152	47738	0.364	ng/ul	99
8) Acenaphthene	14.18	153	35968	0.400	ng/ul	99
9) Fluorene	15.17	166	40786	0.375	ng/ul	97
11) Pentachlorophenol	16.52	266	645m →	0.043	ng/ul	98
12) Phenanthrene	16.90	178	886394m →	5.146	ng/ul	98
13) Anthracene	16.99	178	189554m →	1.076	ng/ul	98
15) Fluoranthene	18.93	202	1679317m →	7.844	ng/ul	98
17) Pyrene	19.29	202	1834262	12.781	ng/ul	98
18) Benzo(a)anthracene	21.06	228	888946m →	6.295	ng/ul	98
19) Chrysene	21.11	228	914632	6.917	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	933568m →	7.427	ng/ul	98
22) Benzo(k)fluoranthene	22.62	252	250753m →	2.058	ng/ul	98
23) Benzo(a)pyrene	23.11	252	694744m →	5.870	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	421735m →	3.306	ng/ul	98
25) Dibenzo(a,h)anthracene	25.31	278	115634m →	1.135	ng/ul	98
26) Benzo(a,h,i)perylene	25.93	276	431558m →	4.033	ng/ul	98

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