

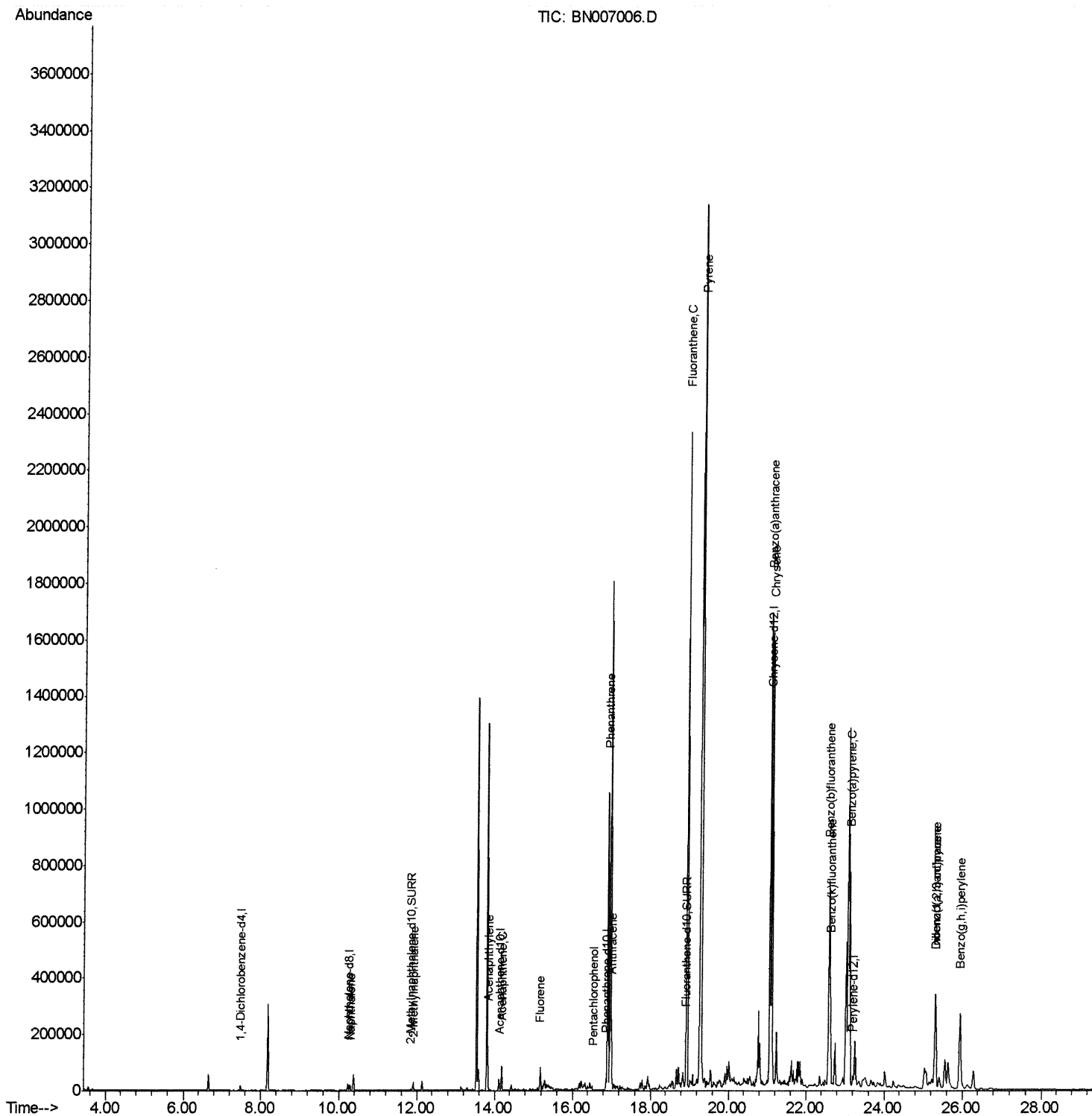
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:43 AM

Quant Time: Aug 08 08:13:39 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)

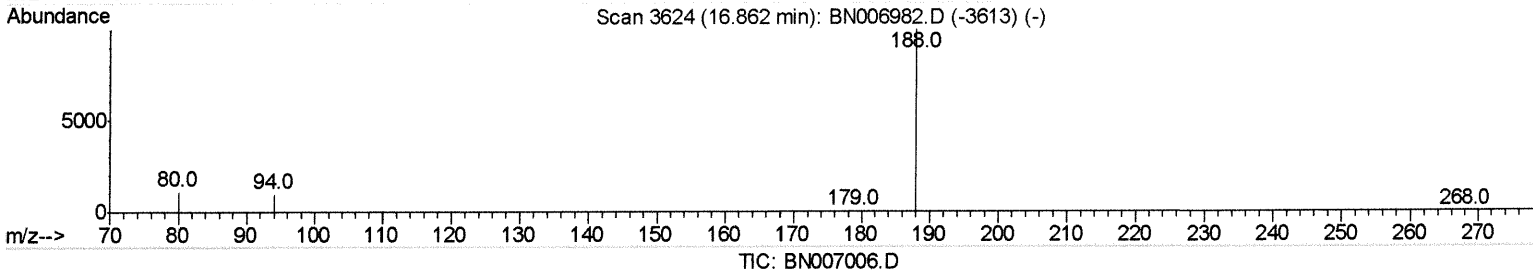
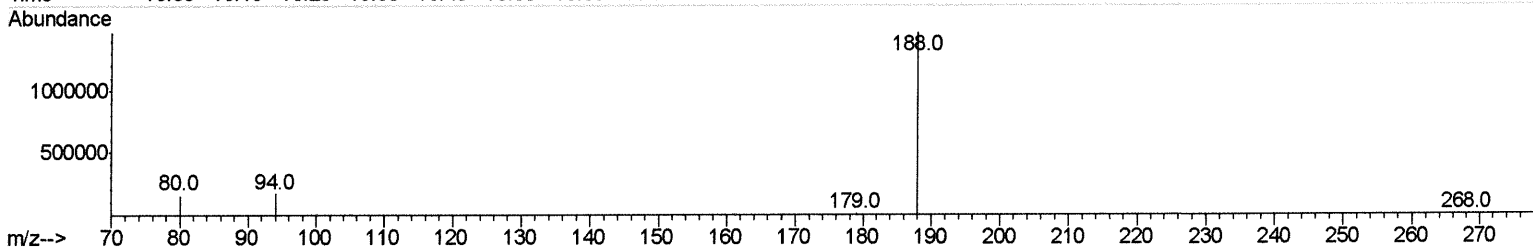
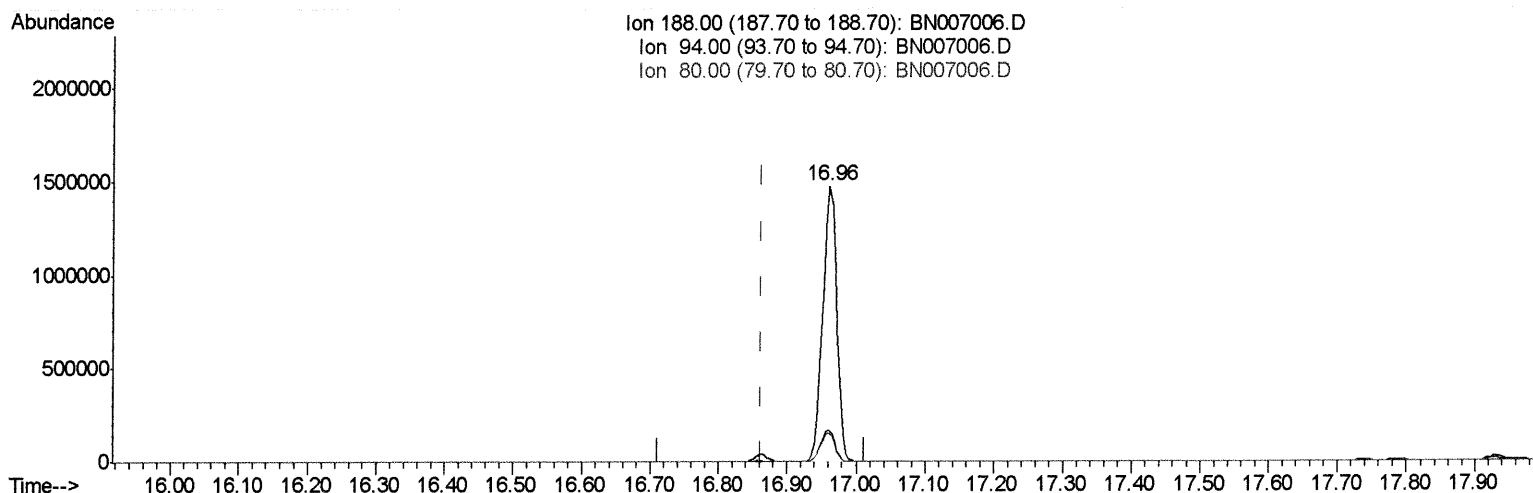
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:43 AM

Quant Time: Aug 08 04:59:10 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
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(10) Phenanthrene-d10 (I)

16.960min (+0.097) 0.40ng/ul

response 2090870

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.57
80.00	12.40	10.53
0.00	0.00	0.00

Quantitation Report (Qedit)

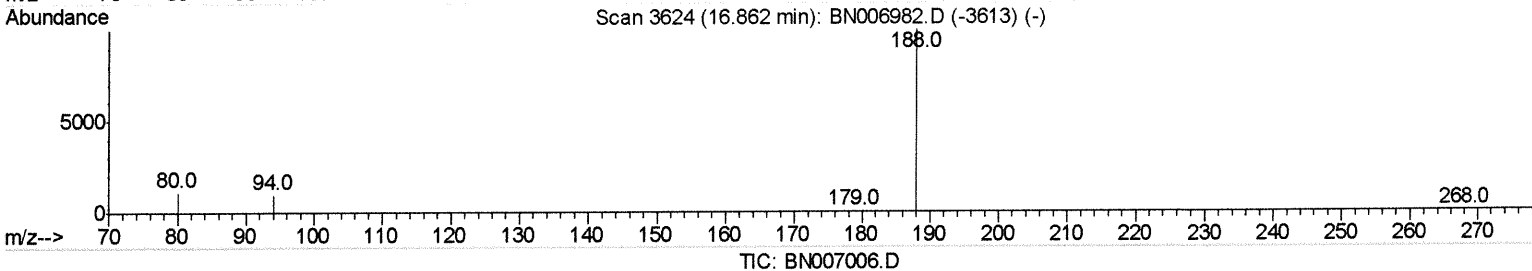
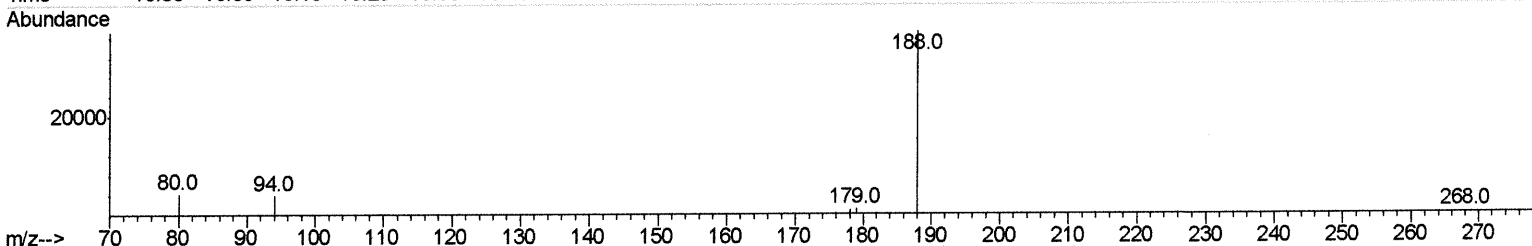
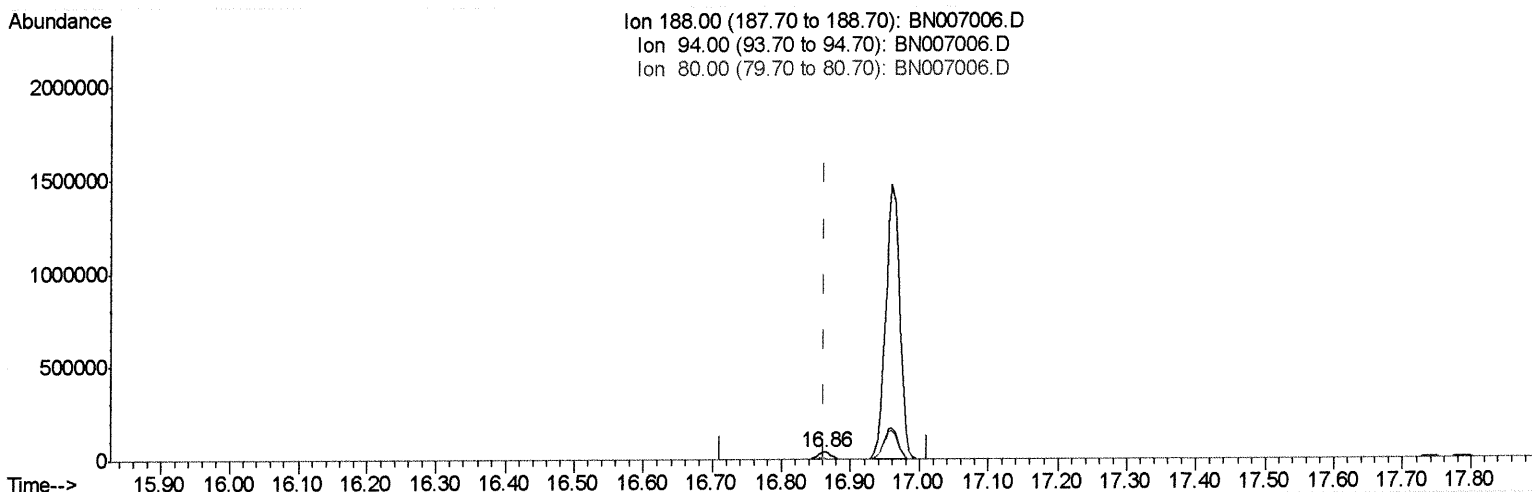
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 04:59:10 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

response 51439

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.30
80.00	12.40	11.23
0.00	0.00	0.00

Quantitation Report (Qedit)

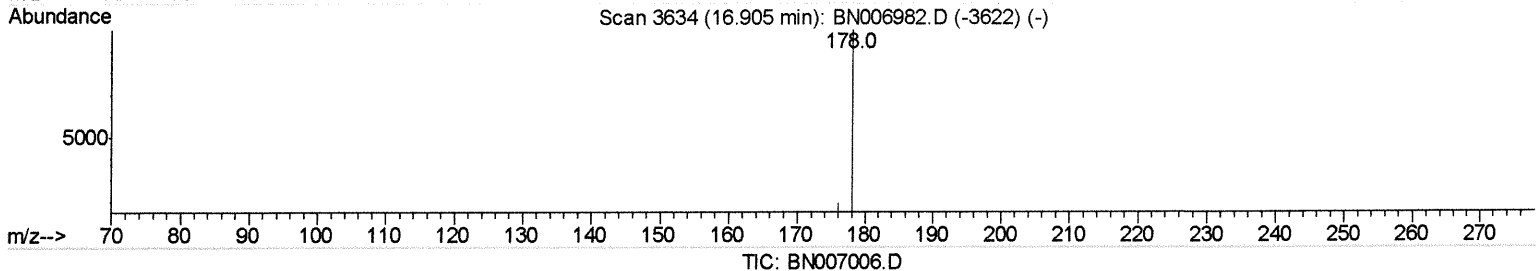
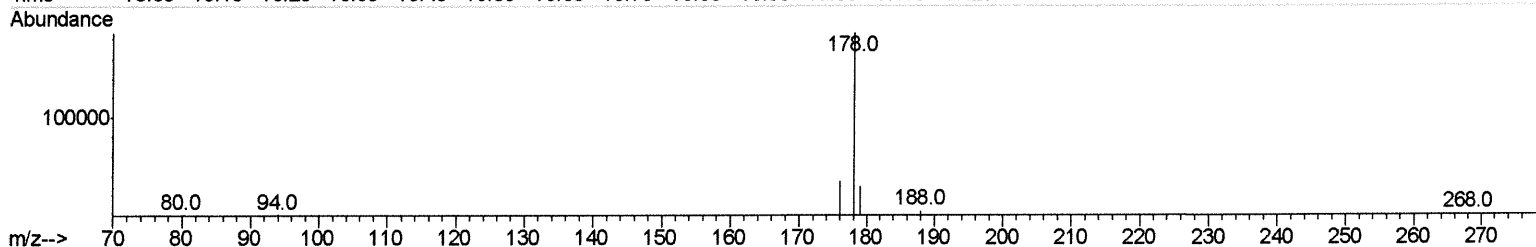
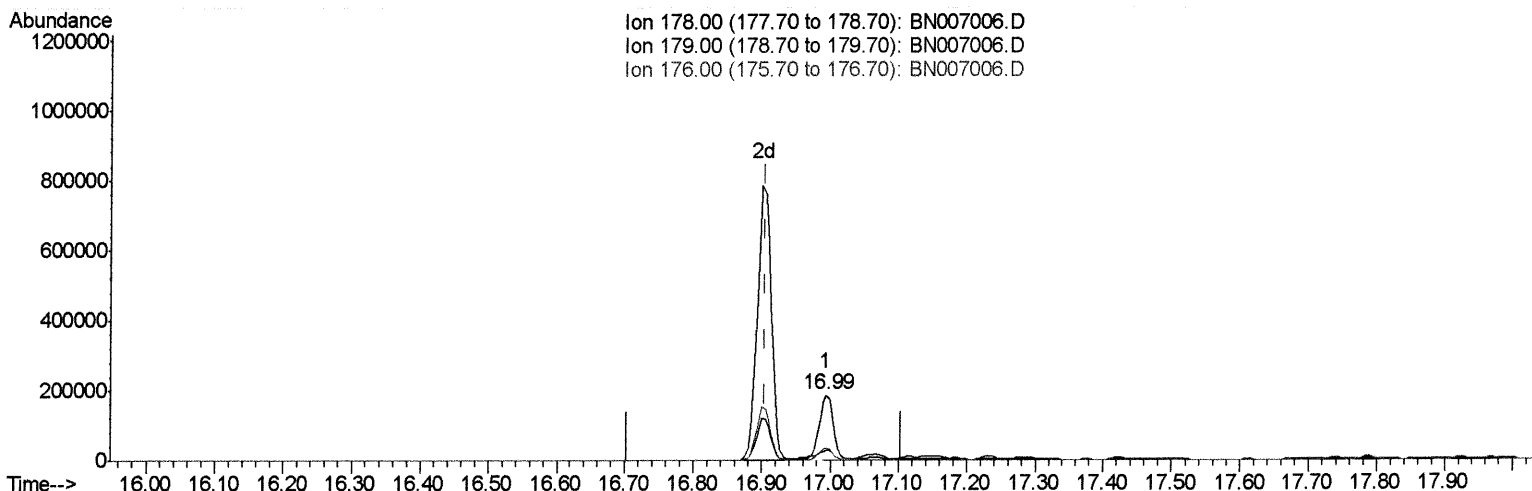
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(12) Phenanthrene

16.993min (+0.089) 1.54ng/ul

response 252929

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.90
176.00	19.50	18.67
0.00	0.00	0.00

Quantitation Report (Qedit)

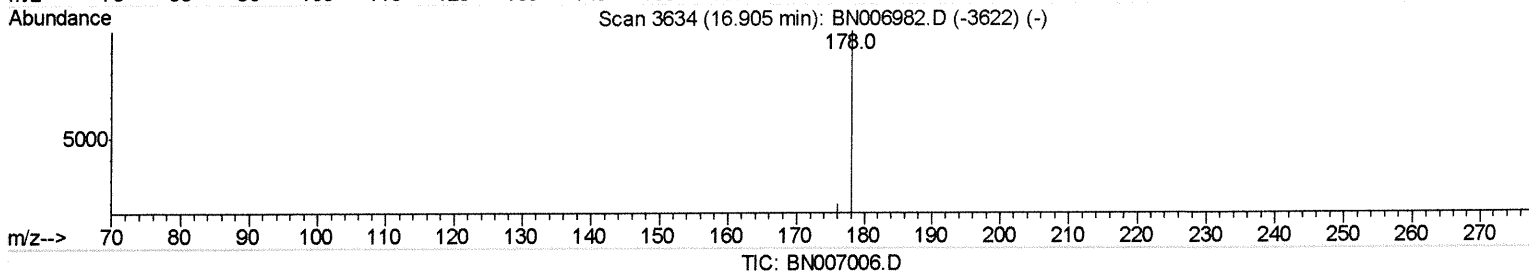
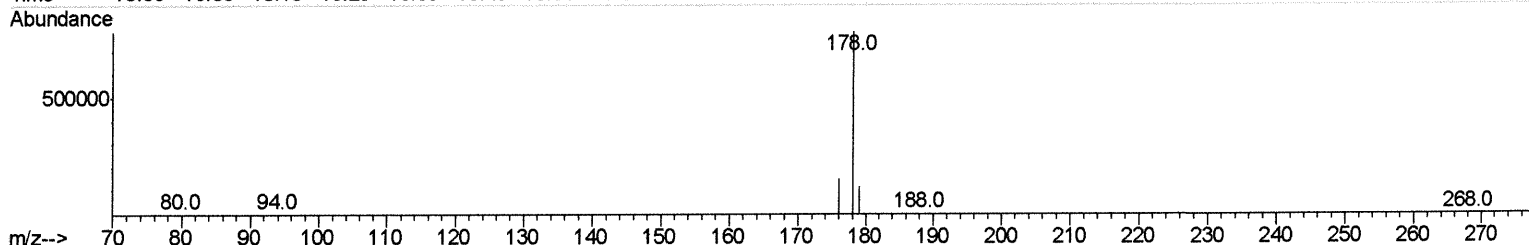
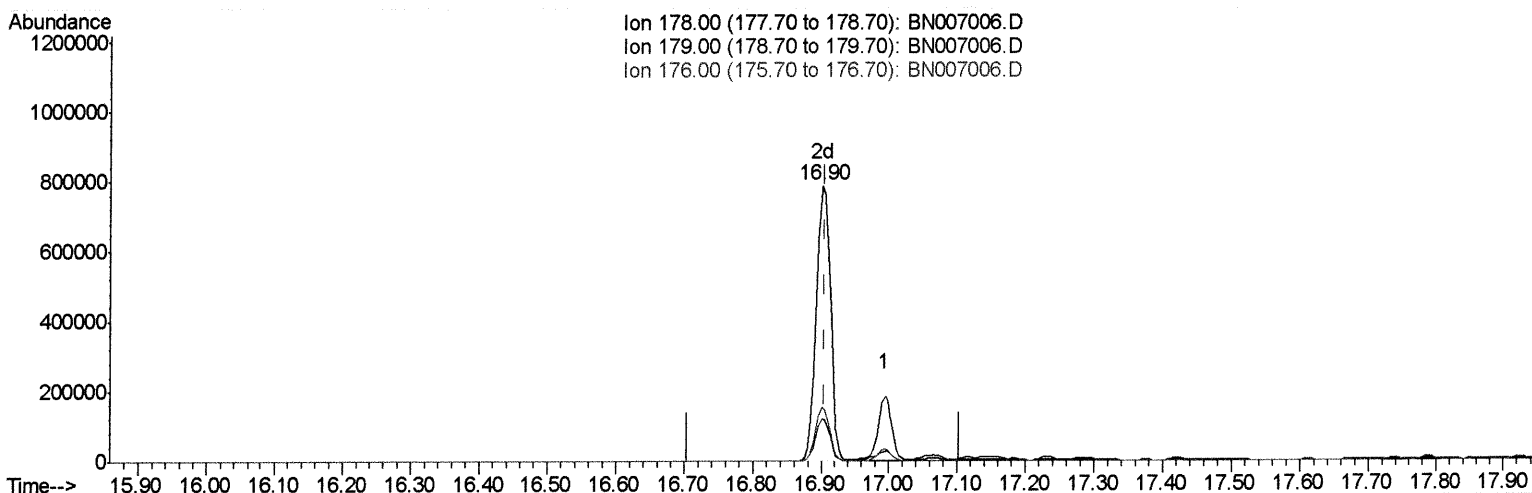
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(12) Phenanthrene

16.900min (-0.004) 6.87ng/ul m

JU
08/09/19

response 1125975

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.31
176.00	19.50	19.45
0.00	0.00	0.00

Quantitation Report (Qedit)

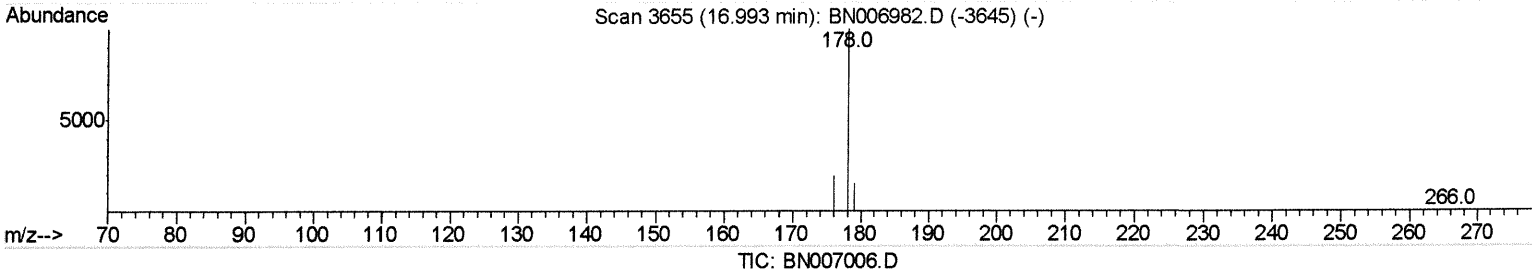
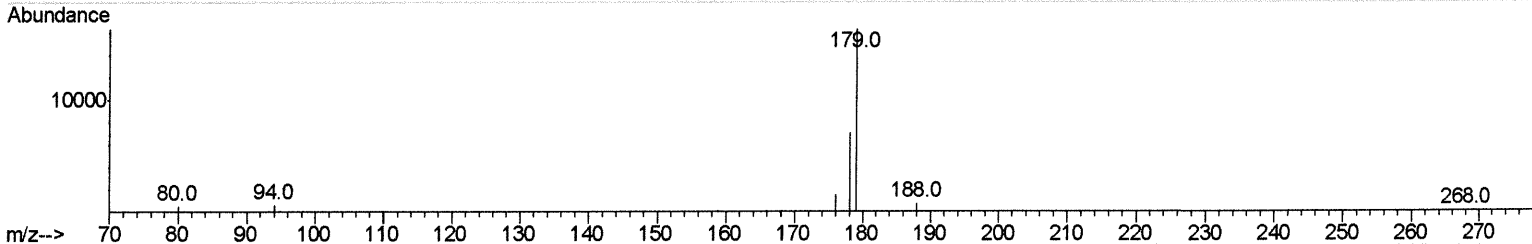
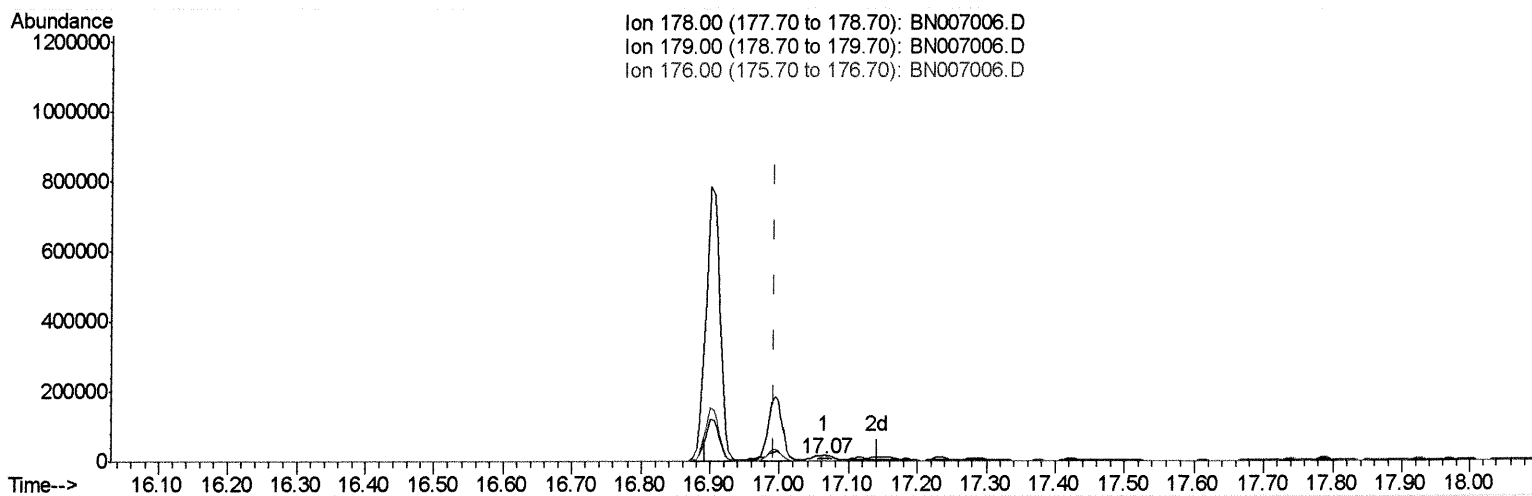
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(13) Anthracene

17.065min (+0.072) 0.06ng/ui

response 9361

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	231.14#
176.00	19.20	21.57
0.00	0.00	0.00

Quantitation Report (Qedit)

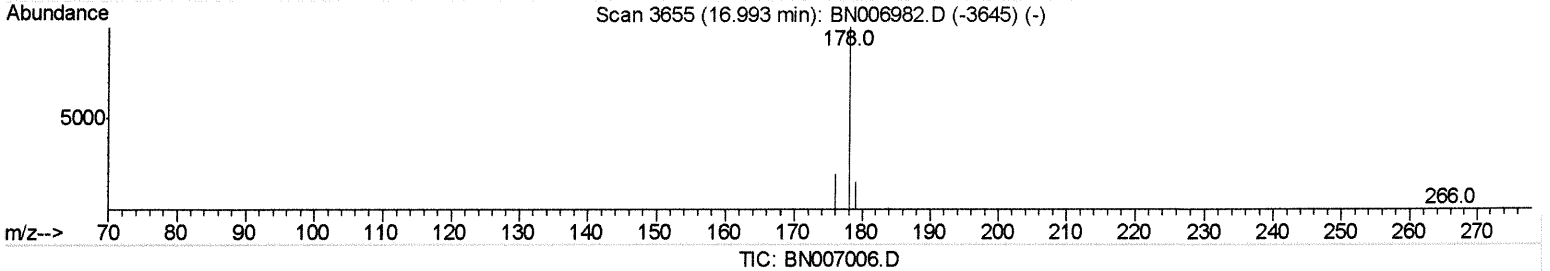
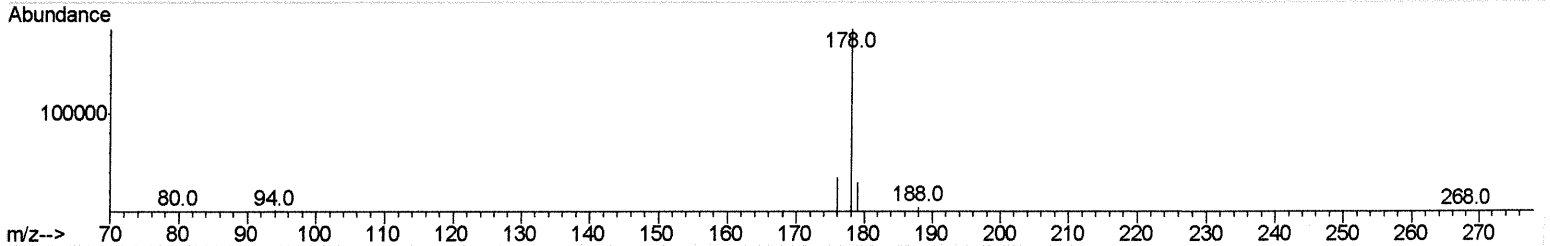
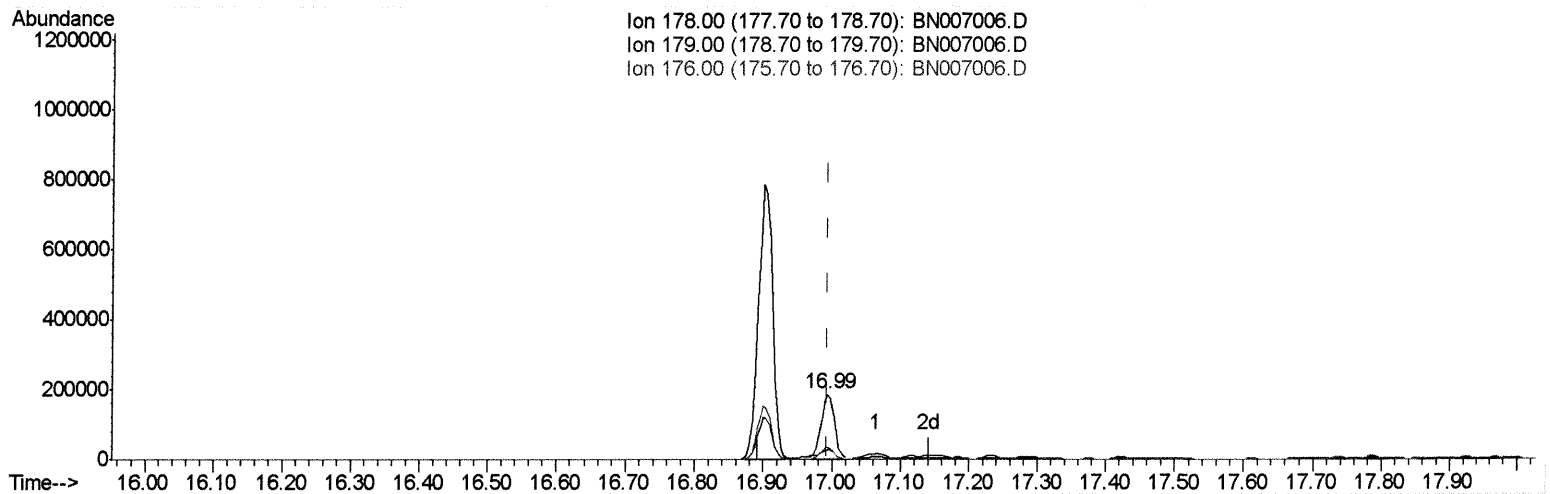
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(13) Anthracene

16.993min (-0.000) 1.50ng/ul m *JU 08/09/19*

response 251218

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	15.90
176.00	19.20	18.67
0.00	0.00	0.00

Quantitation Report (Qedit)

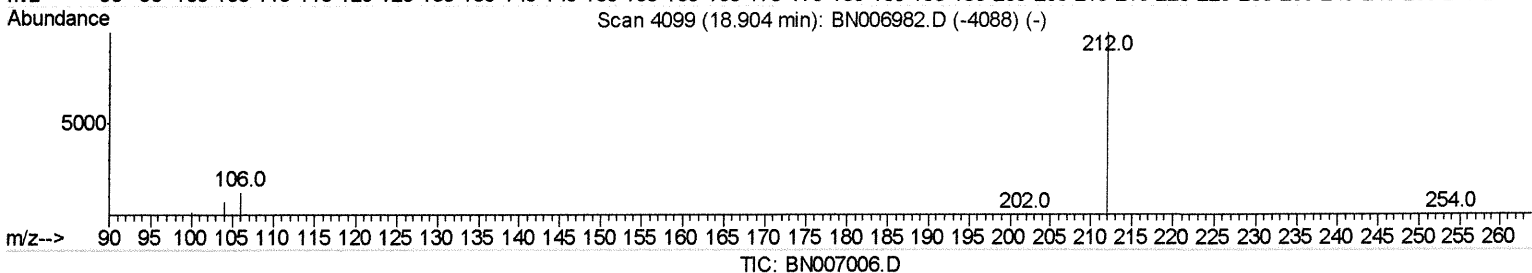
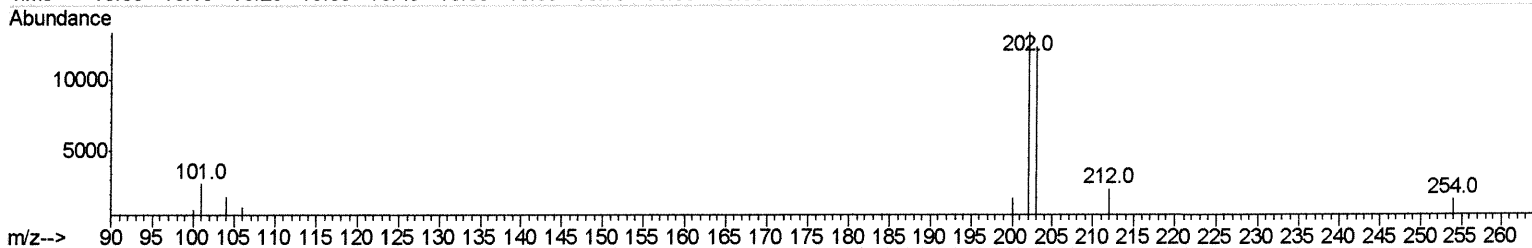
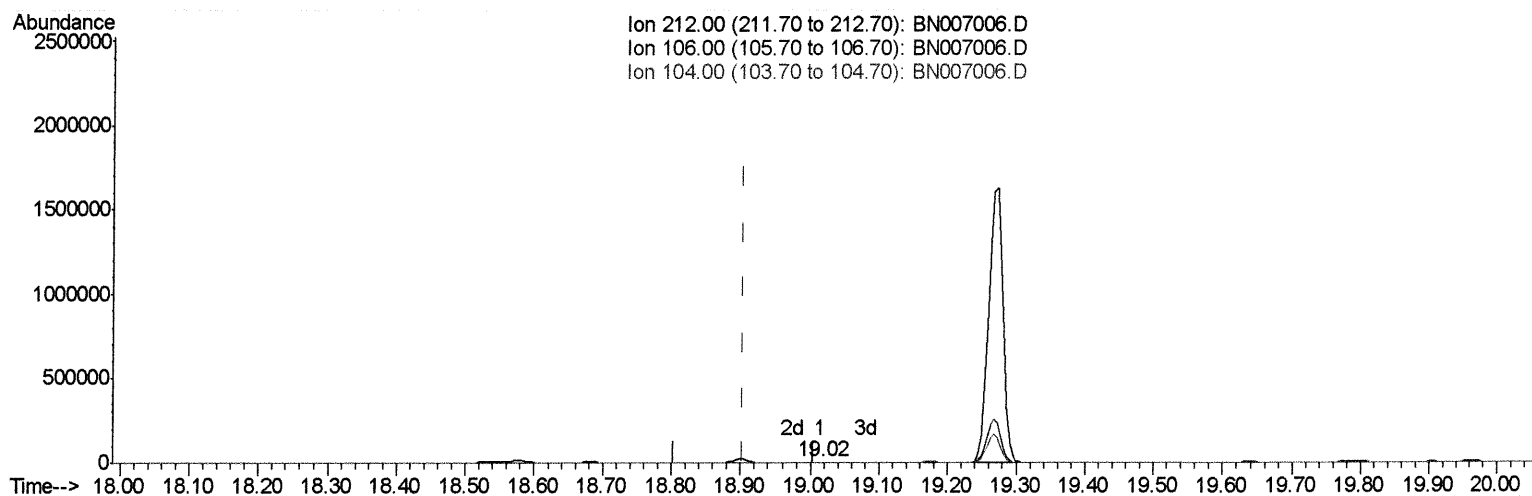
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
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(14) Fluoranthene-d10 (SURR)

19.016min (+0.112) 0.02ng/ul

response 3807

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	13.16
104.00	7.10	53.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

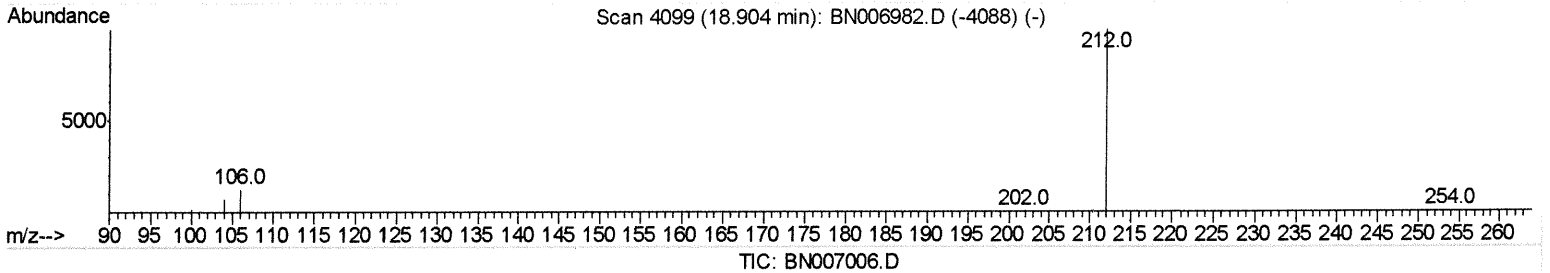
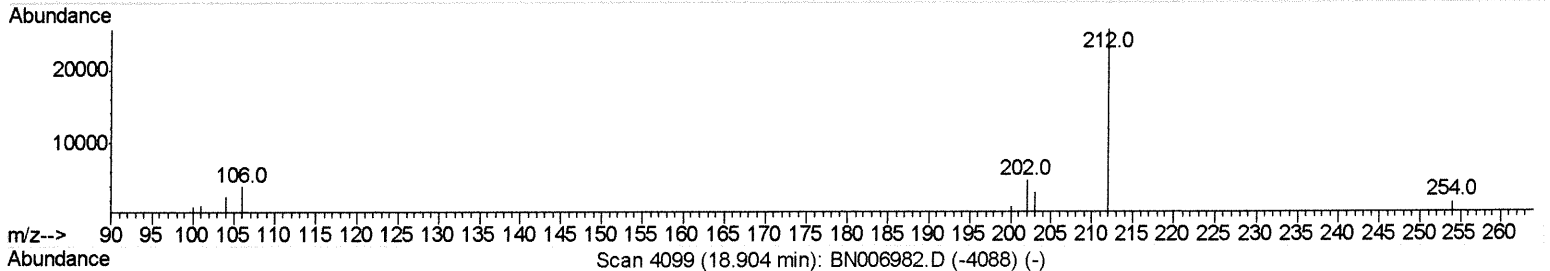
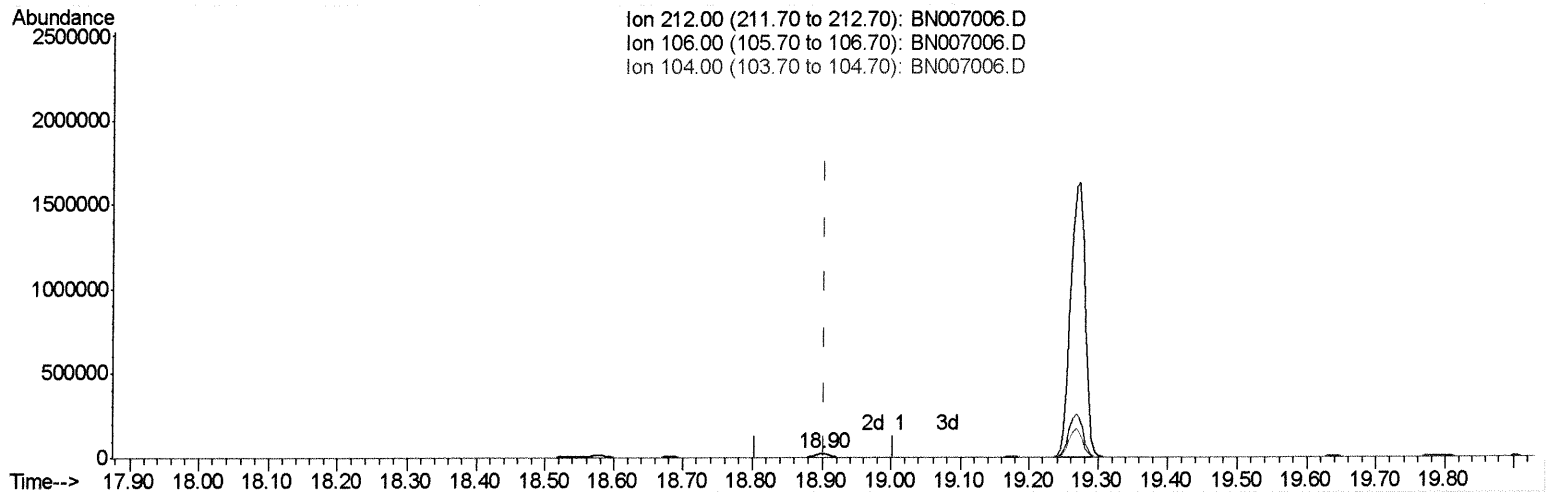
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(14) Fluoranthene-d10 (SURR)

18.900min (-0.005) 0.20ng/ul m *JU 08/09/19*

response 33520

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	1.49#
104.00	7.10	6.11
0.00	0.00	0.00

Quantitation Report (Qedit)

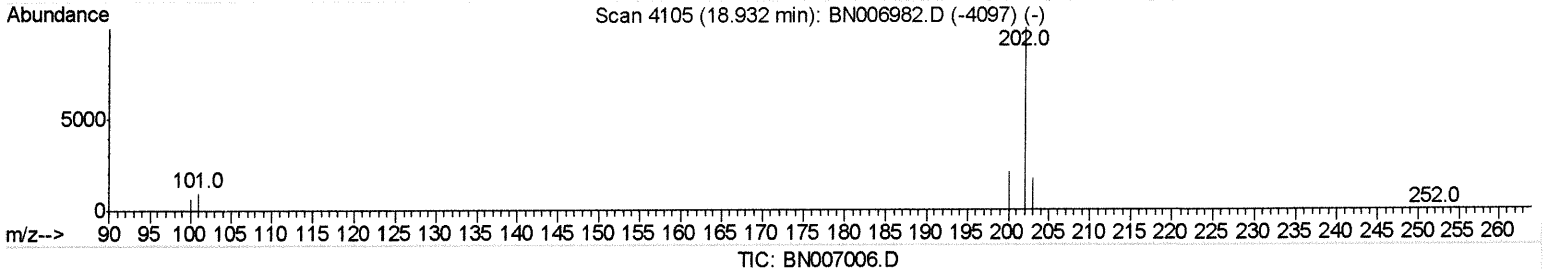
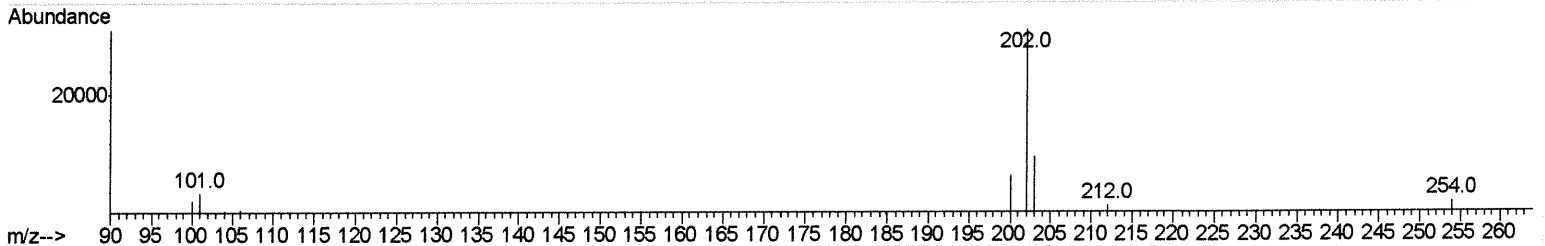
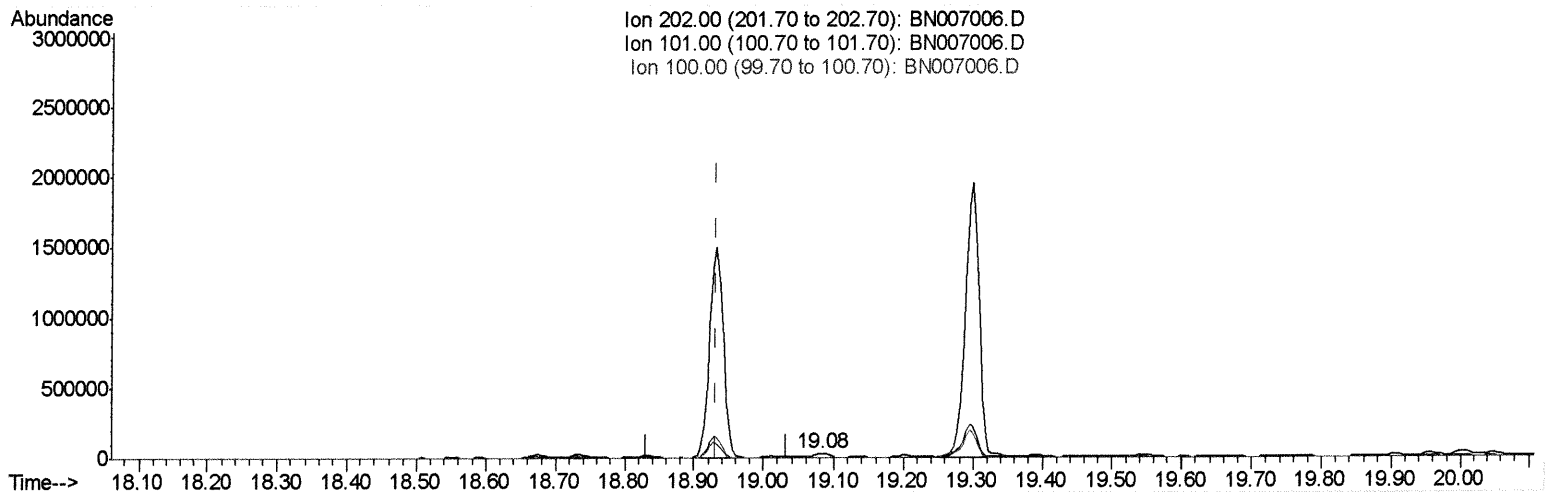
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(15) Fluoranthene (C)

19.081min (+0.149) 0.18ng/ul

response 37041

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	12.18
100.00	7.70	8.22
0.00	0.00	0.00

Quantitation Report (Qedit)

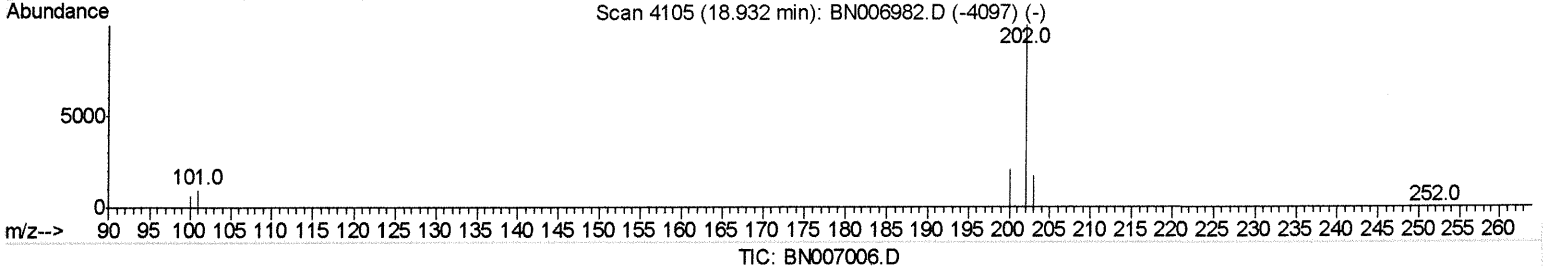
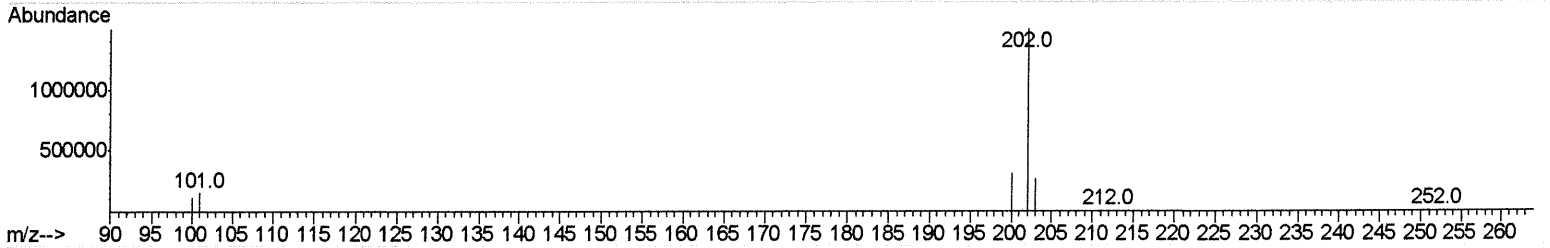
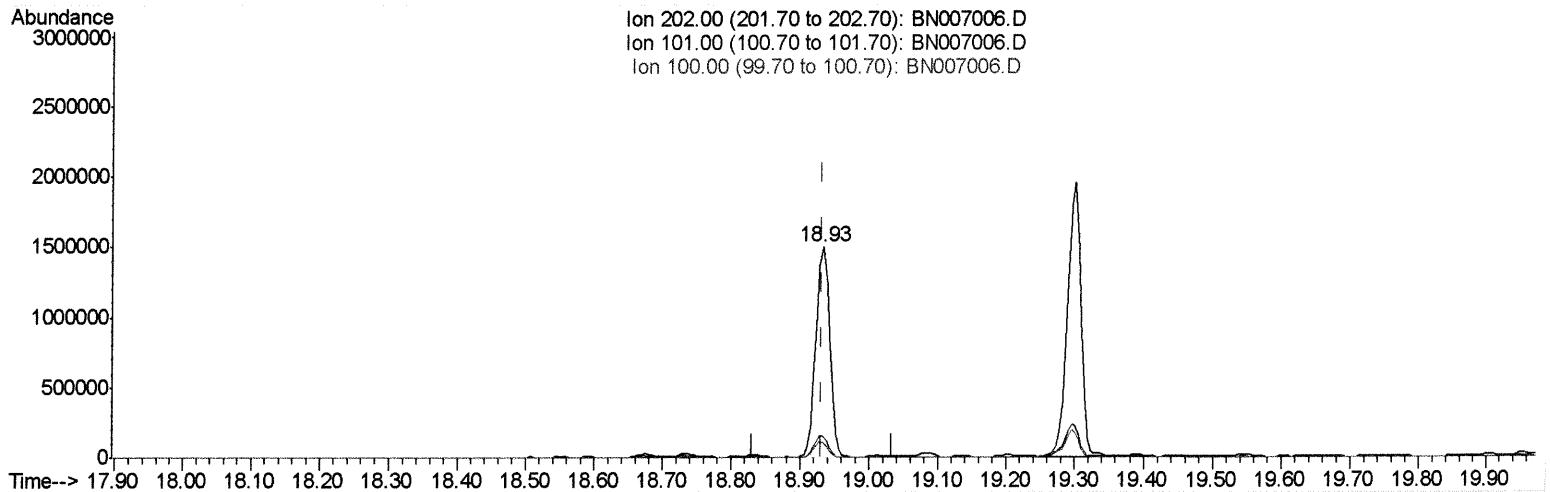
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(15) Fluoranthene (C)

18.932min (-0.000) 10.07ng/ul m *JU 08/09/19*

response 2052683

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.12
100.00	7.70	7.38
0.00	0.00	0.00

Quantitation Report (Qedit)

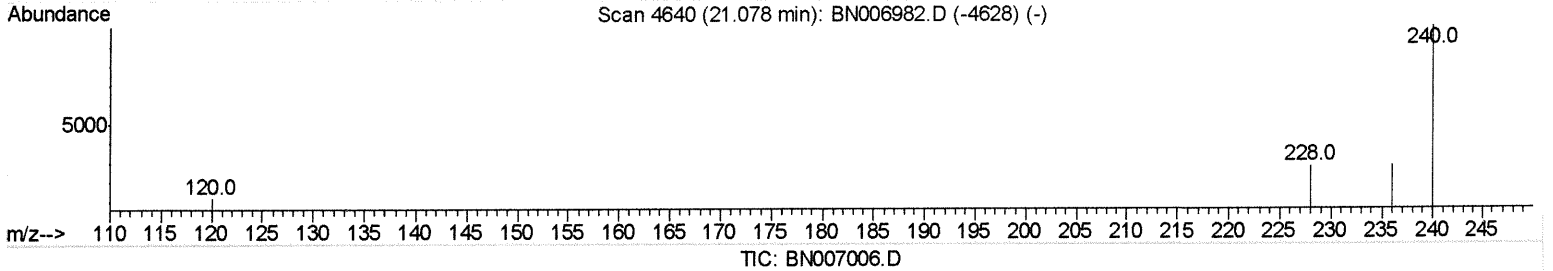
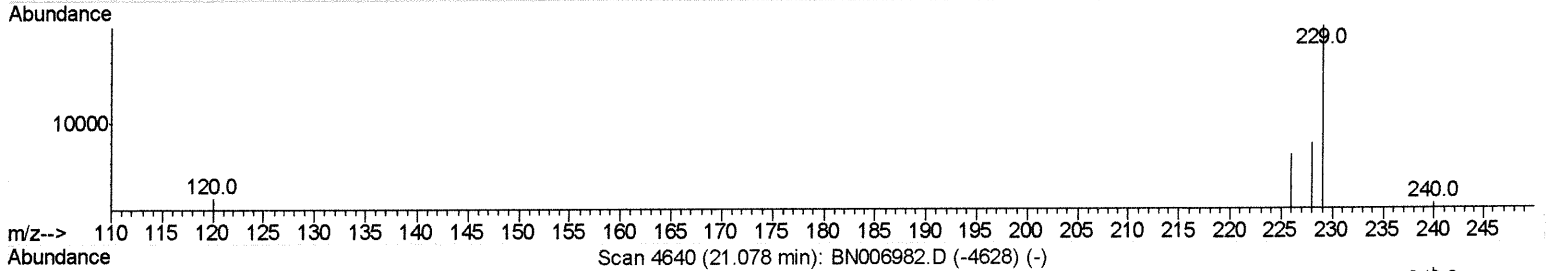
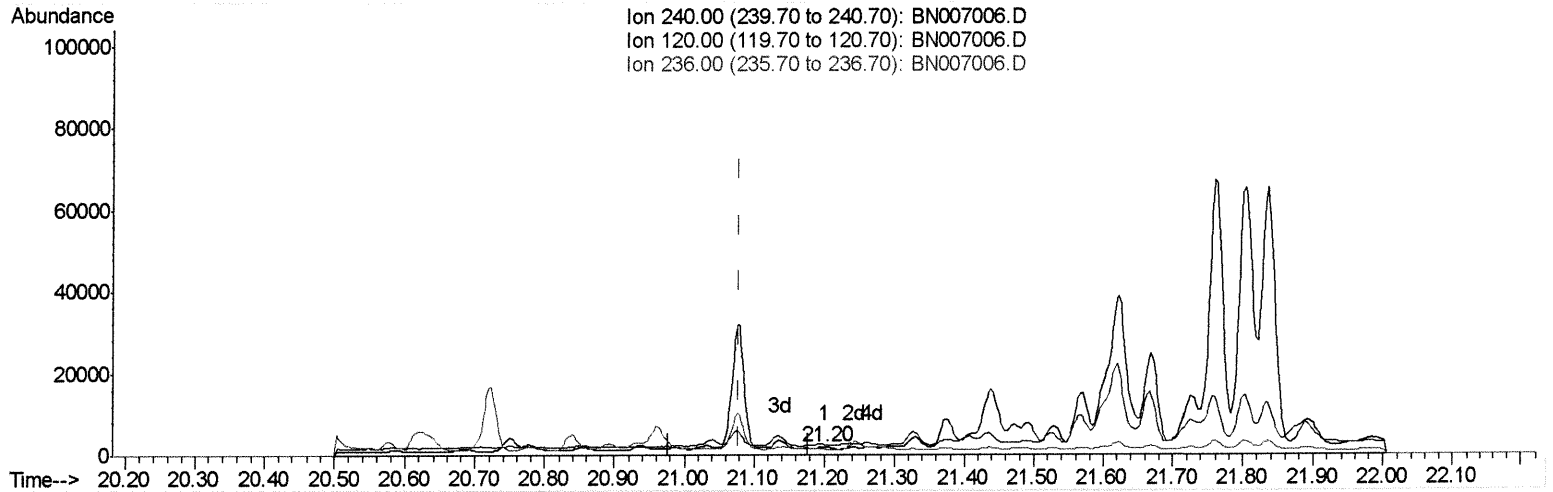
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)
 21.201min (+0.123) 0.40ng/ul
 response 684

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	133.12#
236.00	29.00	76.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

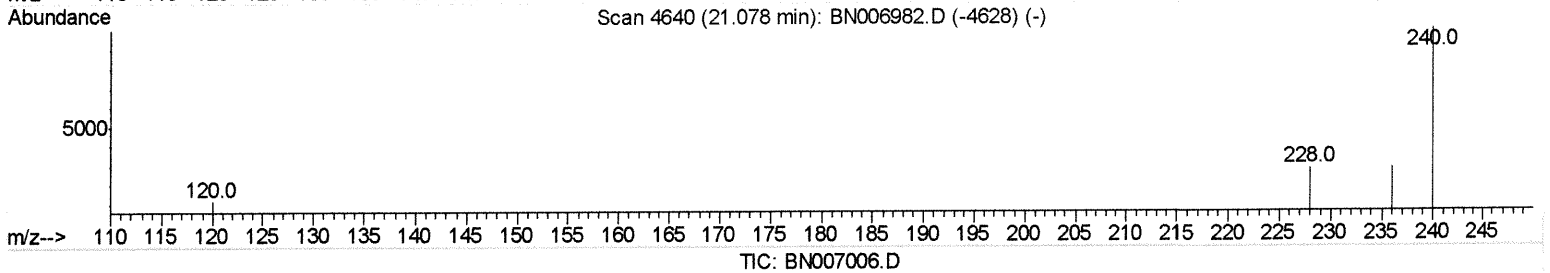
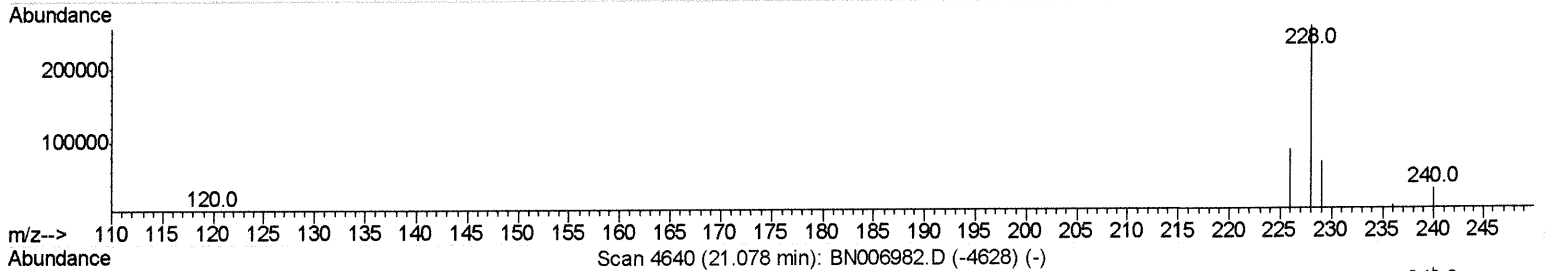
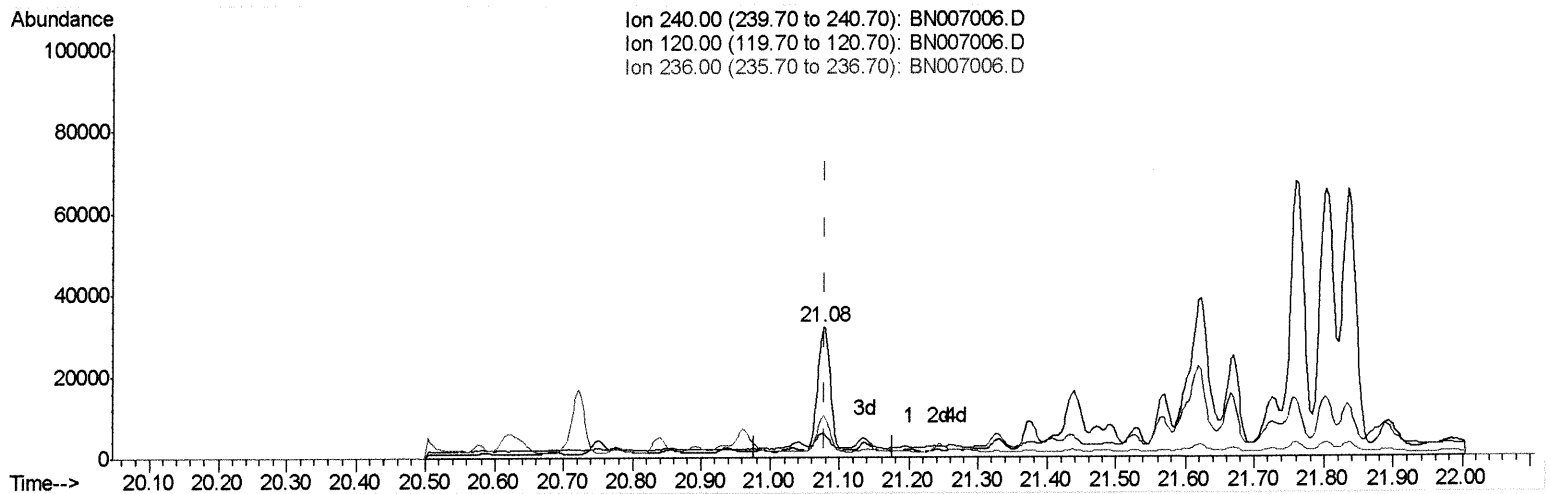
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:40:18 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



(16) Chrysene-d12 (I)

21.076min (-0.003) 0.40ng/ul m *JU 08/09/19*

response 36628

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	19.21#
236.00	29.00	32.22
0.00	0.00	0.00

Quantitation Report (Qedit)

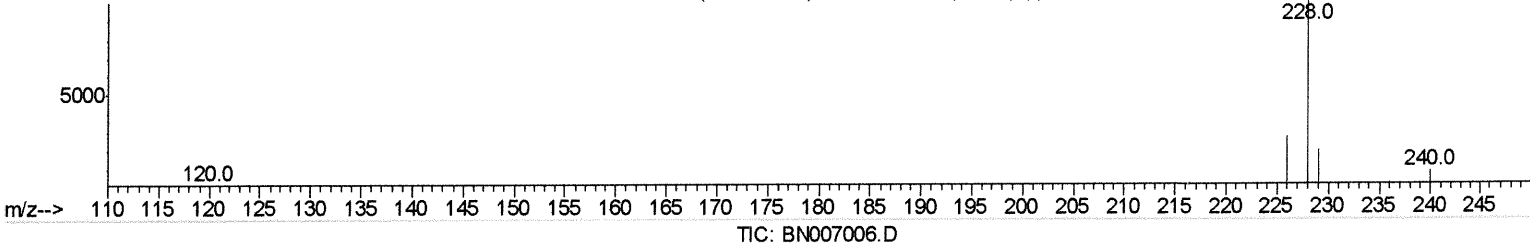
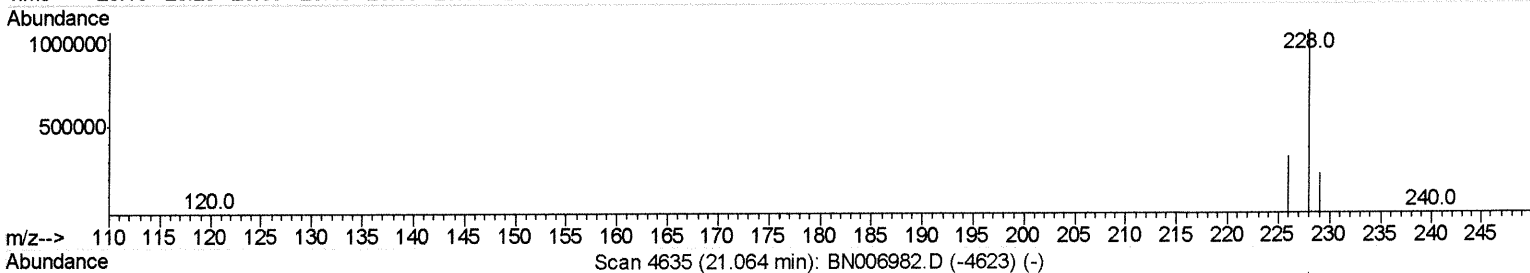
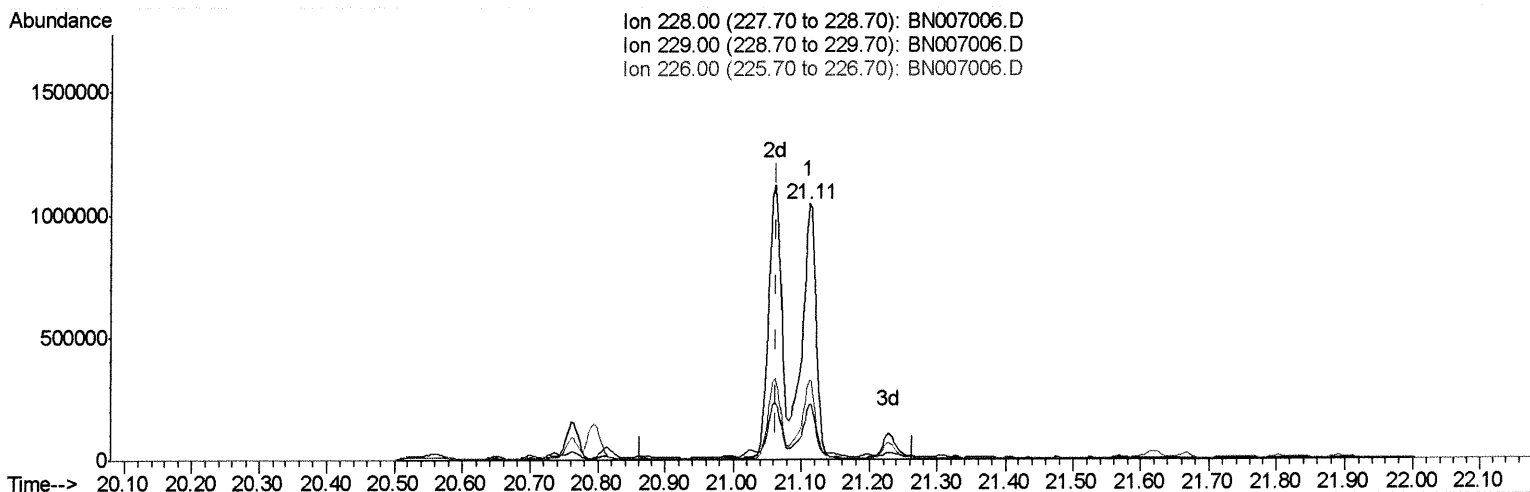
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:46:22 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

21.111min (+0.047) 9.25ng/ul

response 1488890

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.62
226.00	27.80	30.86
0.00	0.00	0.00

Quantitation Report (Qedit)

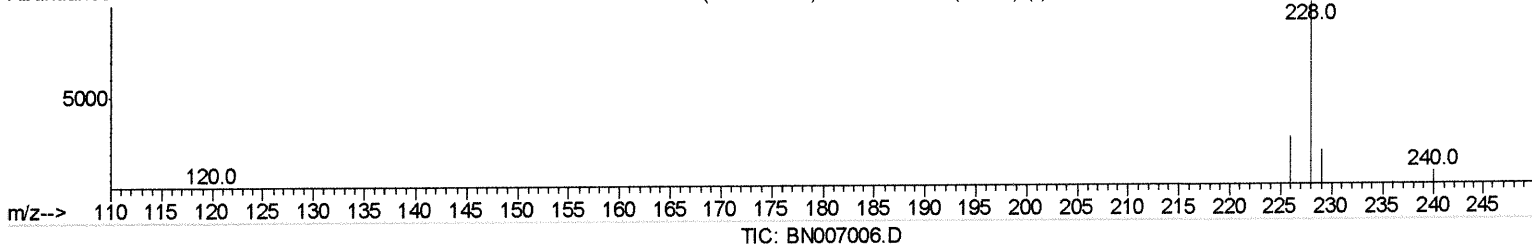
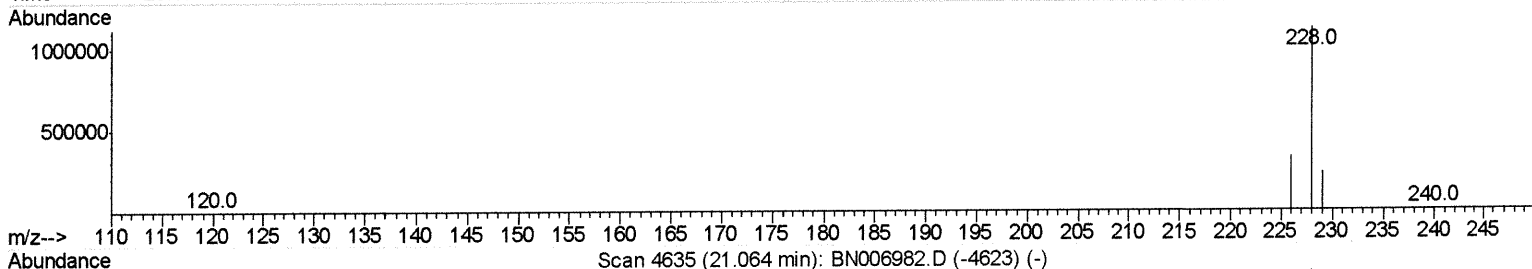
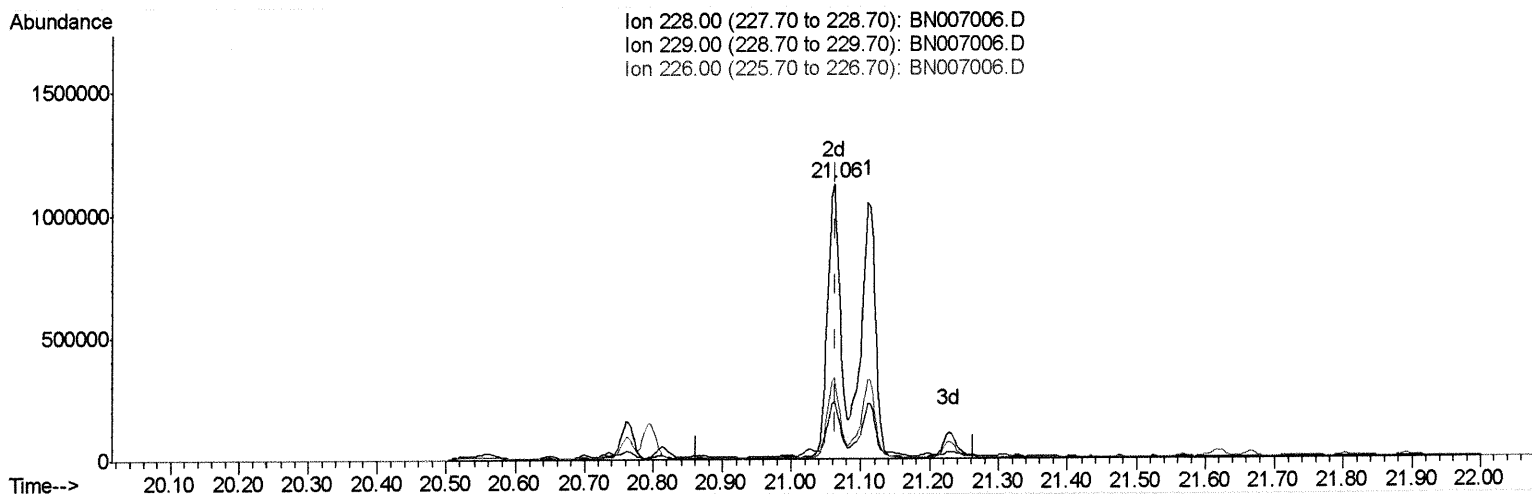
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:46:22 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

21.061min (-0.003) 8.90ng/ul m

response 1432101

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.06
226.00	27.80	29.38
0.00	0.00	0.00

Quantitation Report (Qedit)

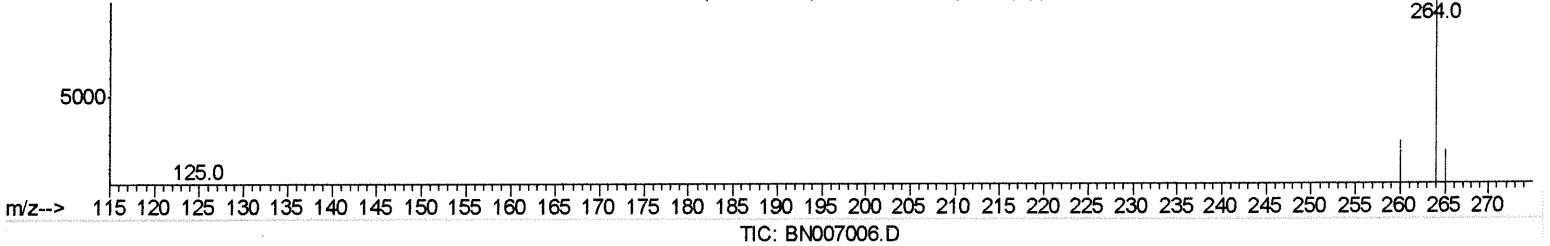
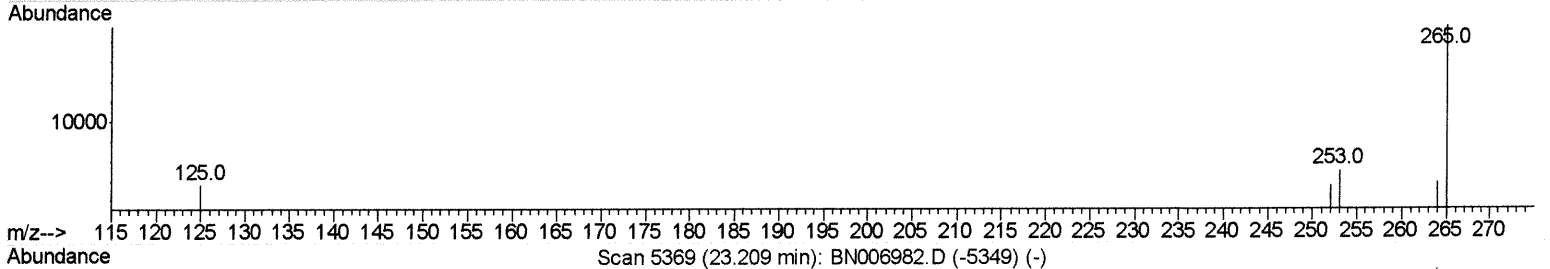
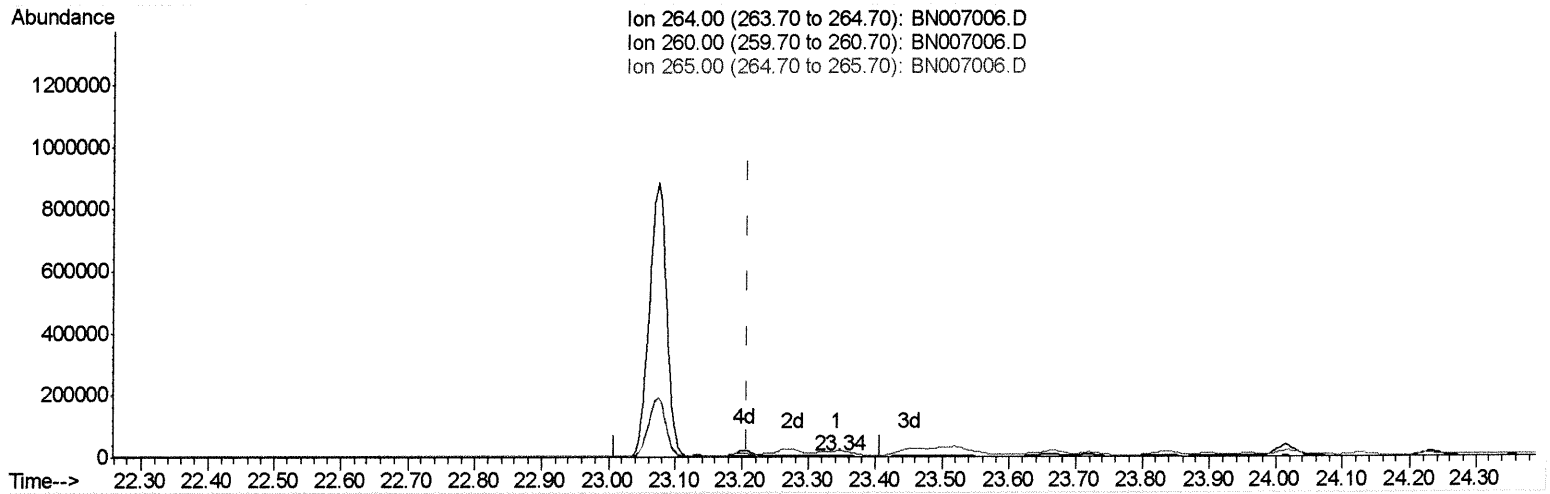
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:46:22 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 7967

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	30.41
265.00	27.80	503.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

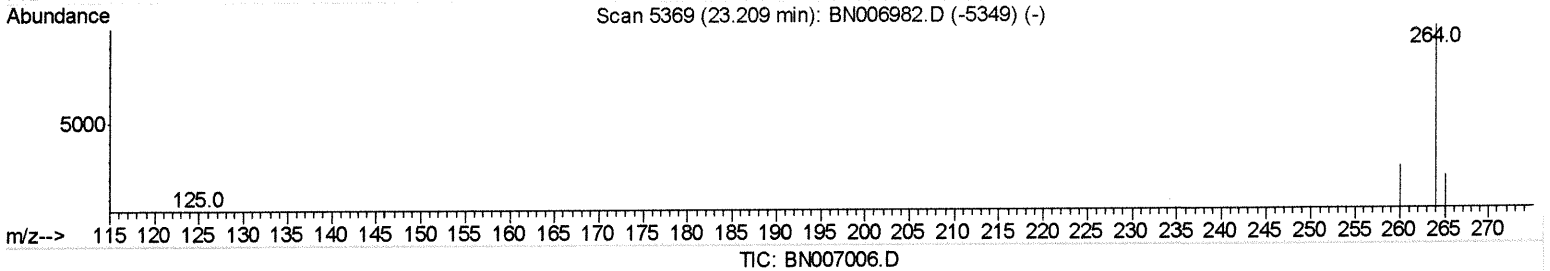
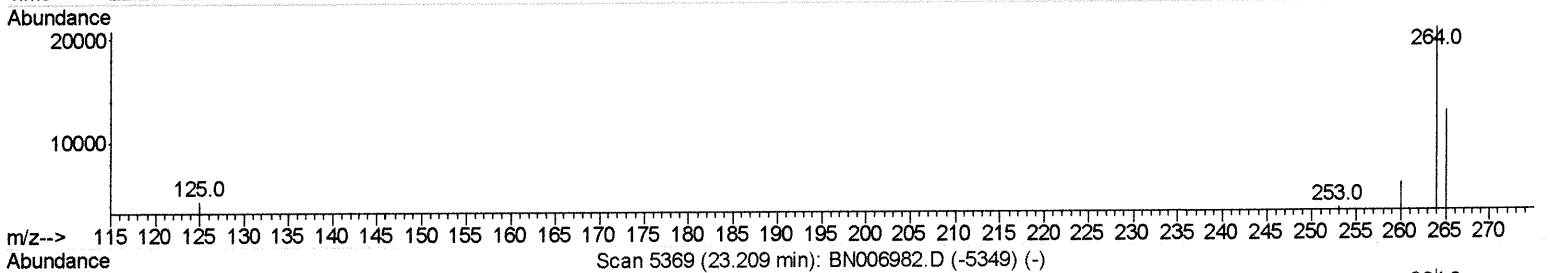
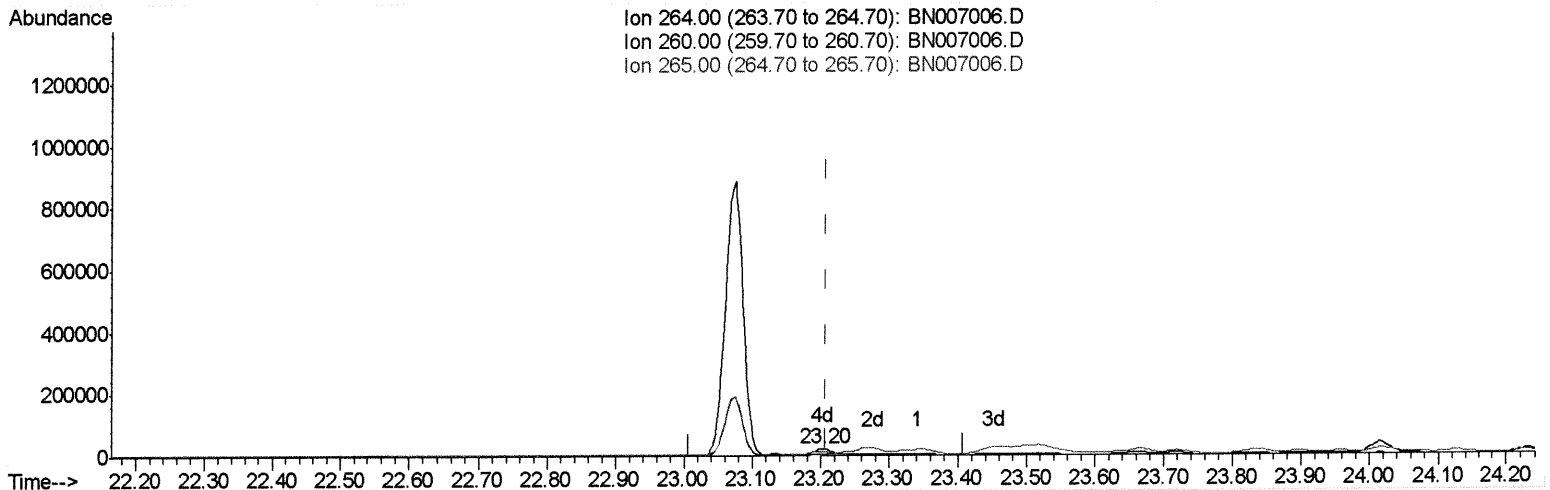
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:46:22 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 08/09/19*

response 31673

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.42
265.00	27.80	61.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

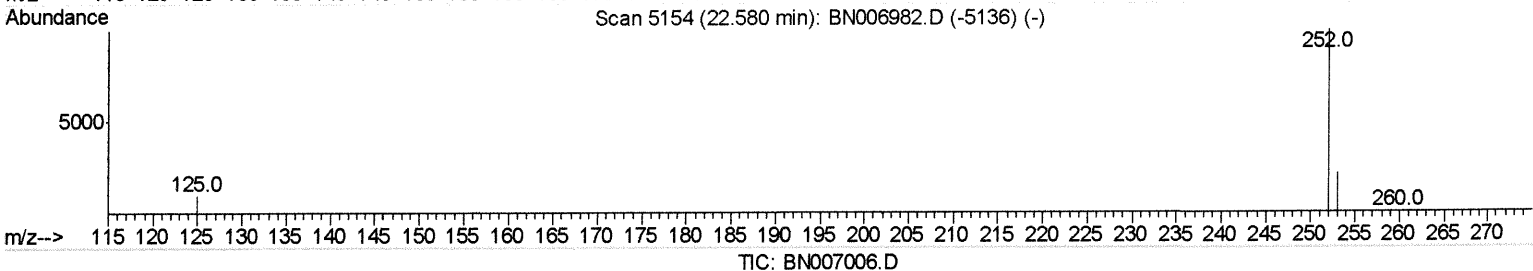
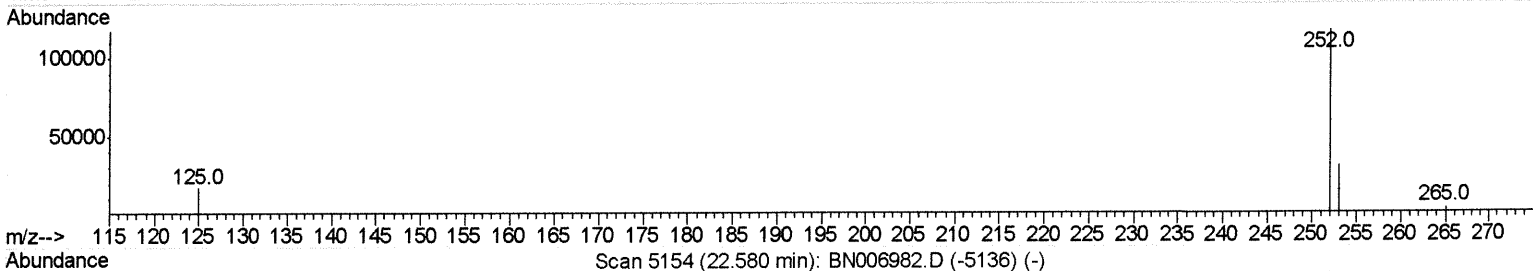
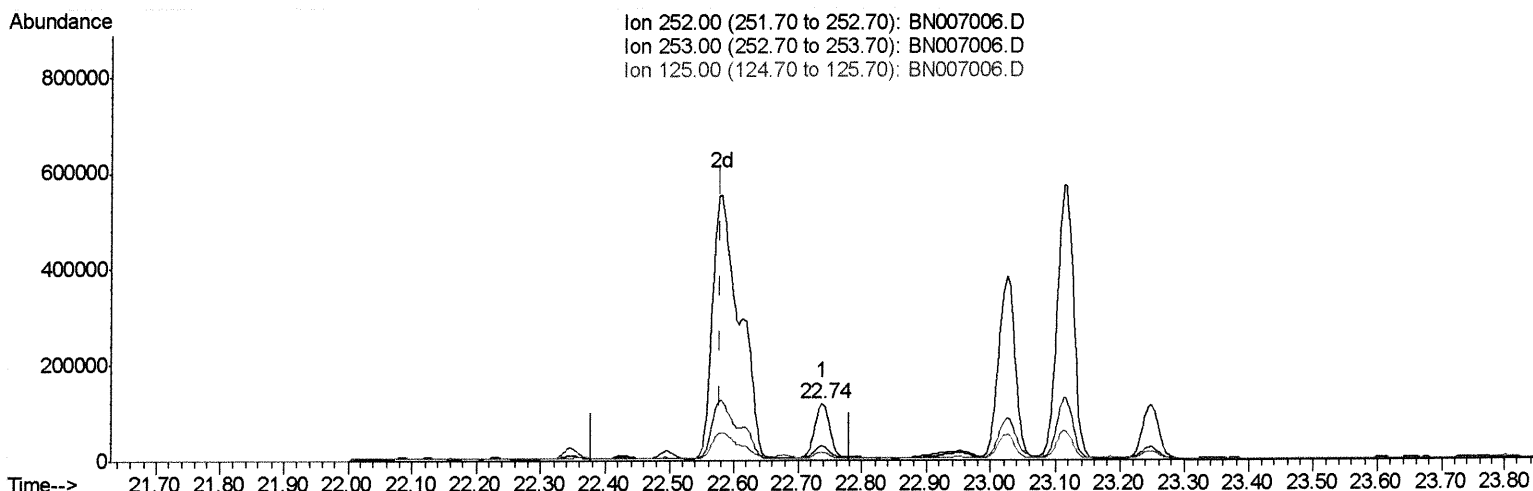
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
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mohammad
 8/9/2019 6:15:43 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



(21) Benzo(b)fluoranthene
 22.738min (+0.158) 1.54ng/ui
 response 197670

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.26
125.00	11.10	14.52
0.00	0.00	0.00

Quantitation Report (Qedit)

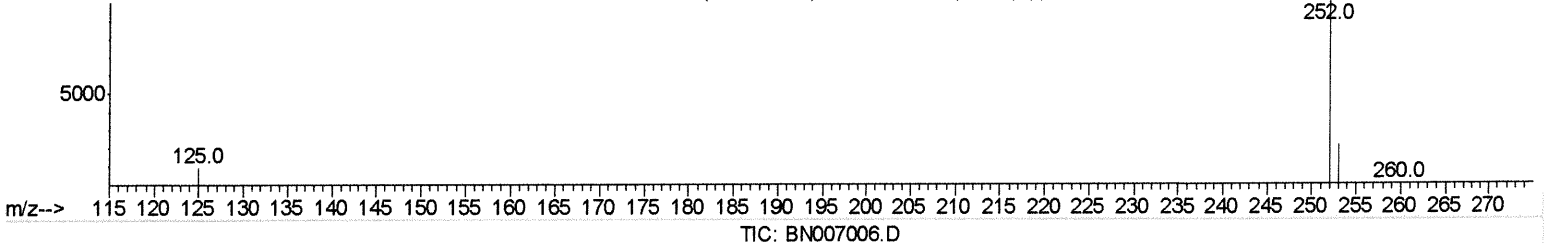
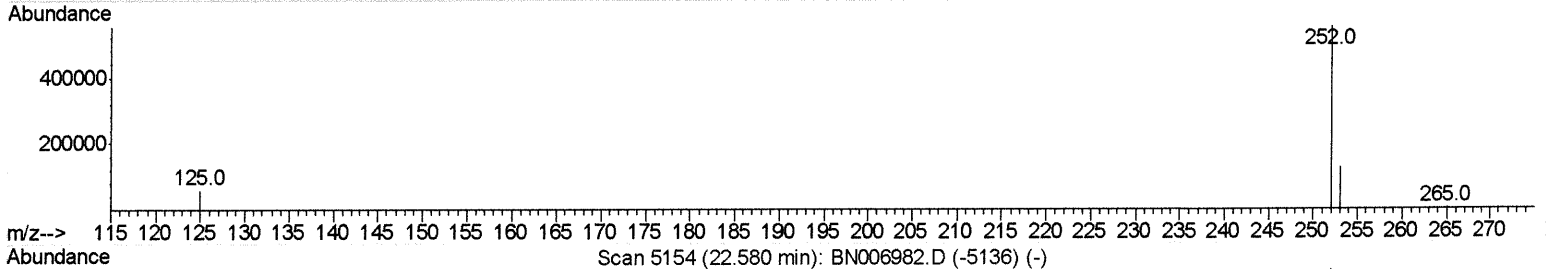
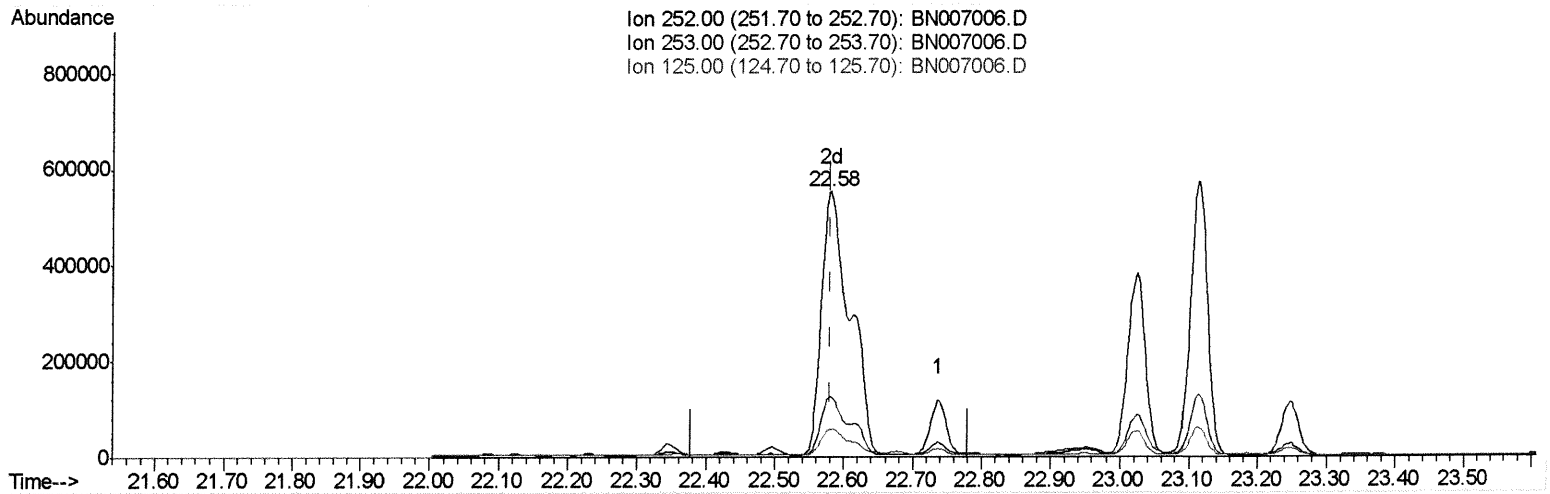
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
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mohammad
 8/9/2019 6:15:43 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



(21) Benzo(b)fluoranthene
 22.580min (-0.000) 9.35ng/ul m *JU 08/09/19*

response 1200655

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.89
125.00	11.10	10.57
0.00	0.00	0.00

Quantitation Report (Qedit)

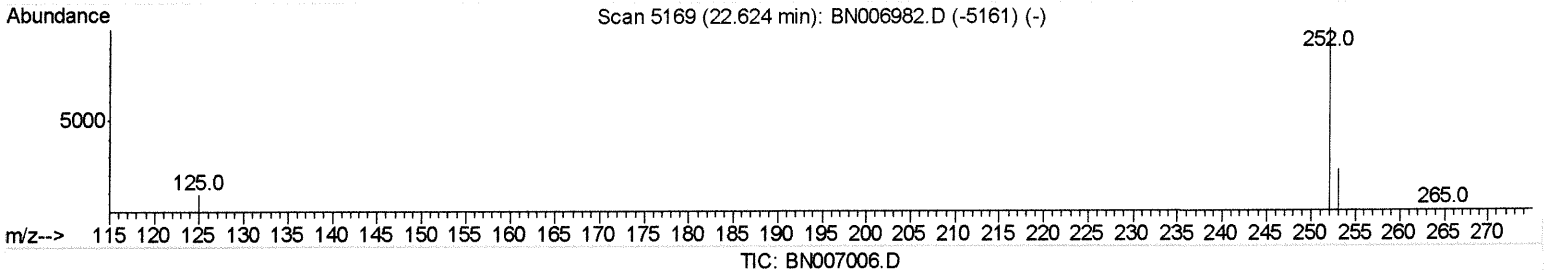
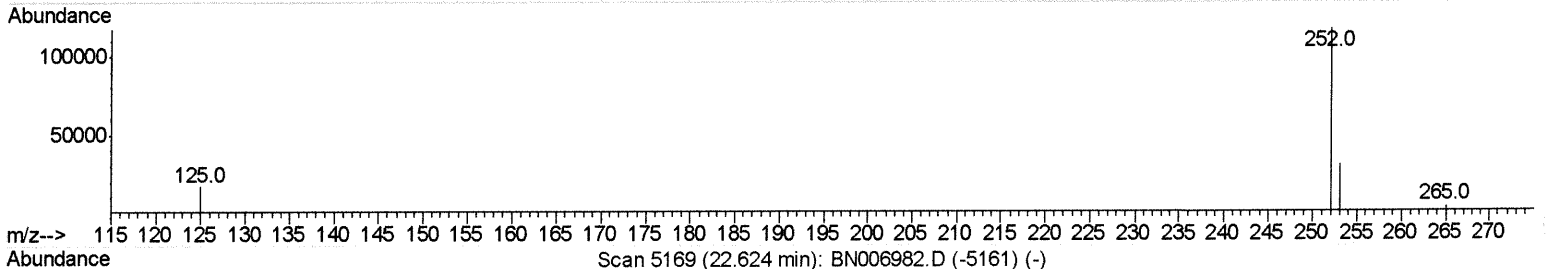
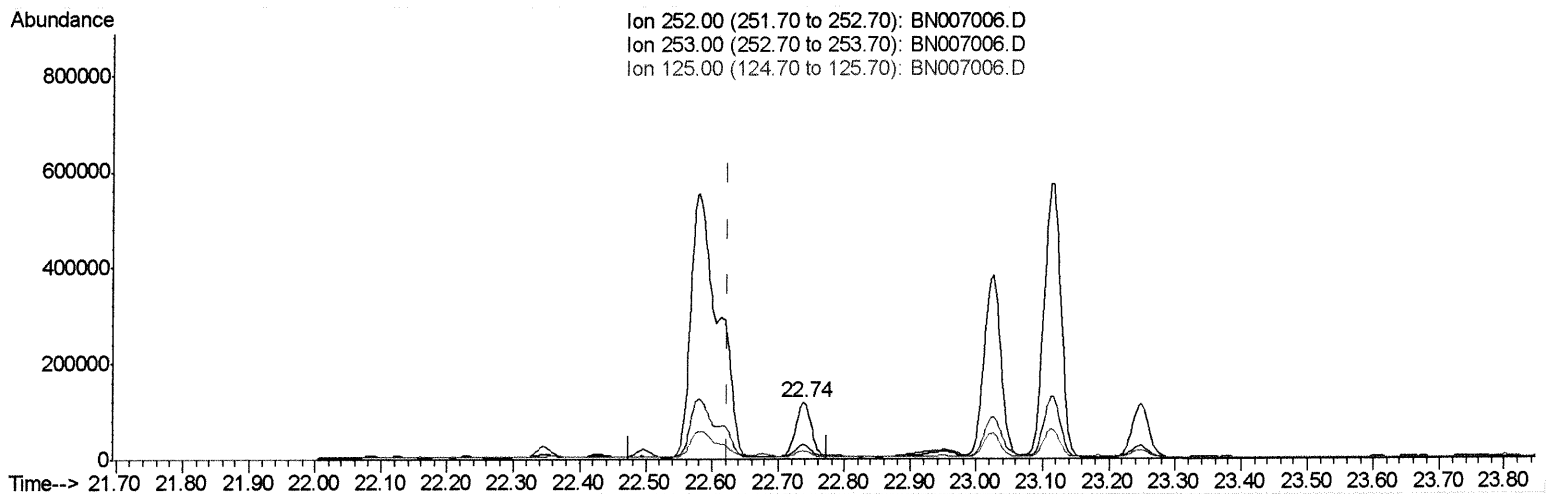
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 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



(22) Benzo(k)fluoranthene
 22.738min (+0.114) 1.59ng/ul

response 197505

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.26
125.00	10.90	14.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

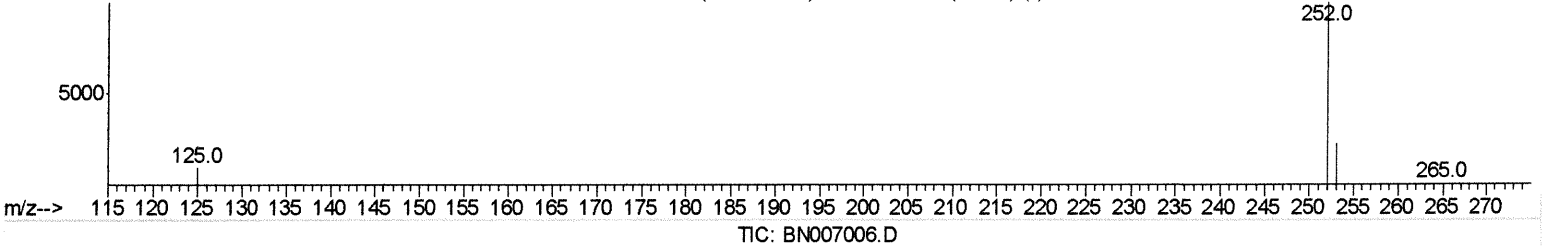
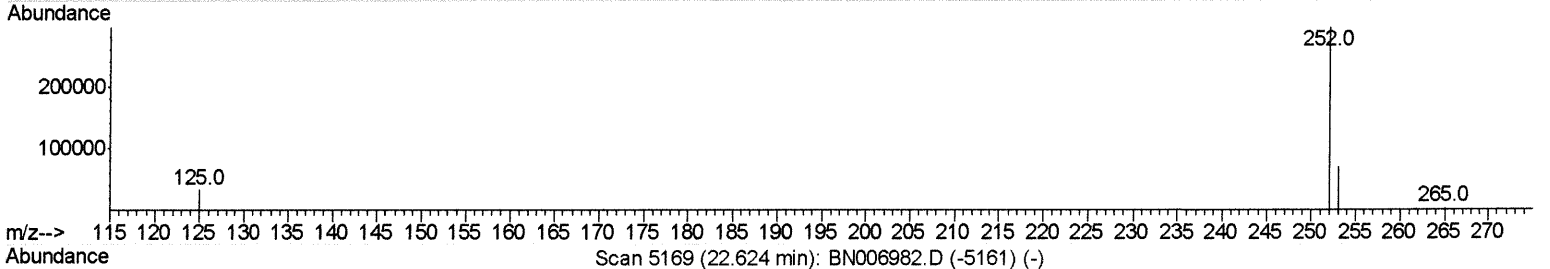
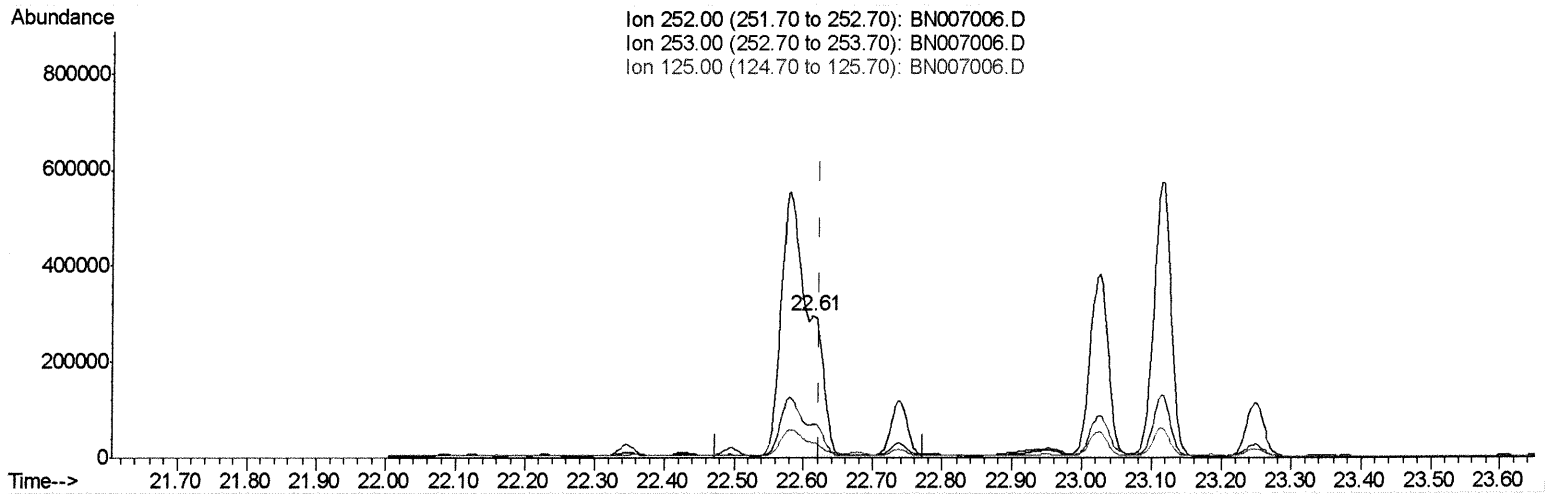
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
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Quant Time: Aug 08 06:47:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
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 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.612min (-0.012) 3.08ng/ul m

response 382944

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.56
125.00	10.90	10.97
0.00	0.00	0.00

Quantitation Report (Qedit)

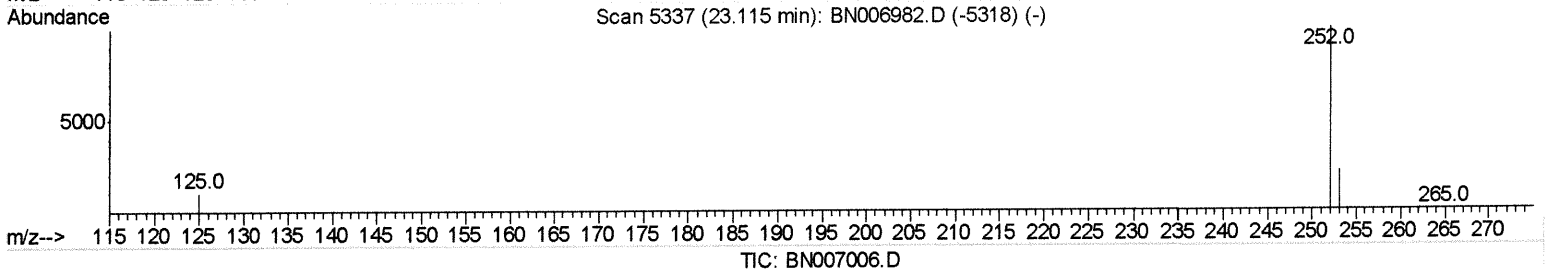
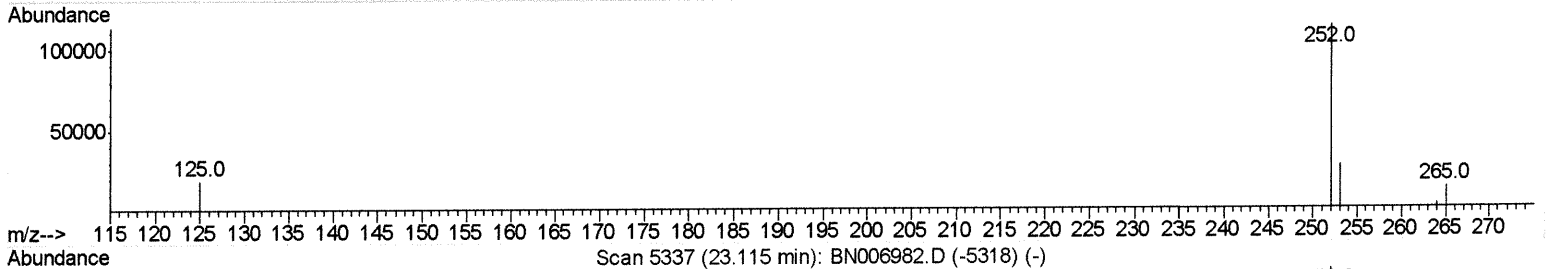
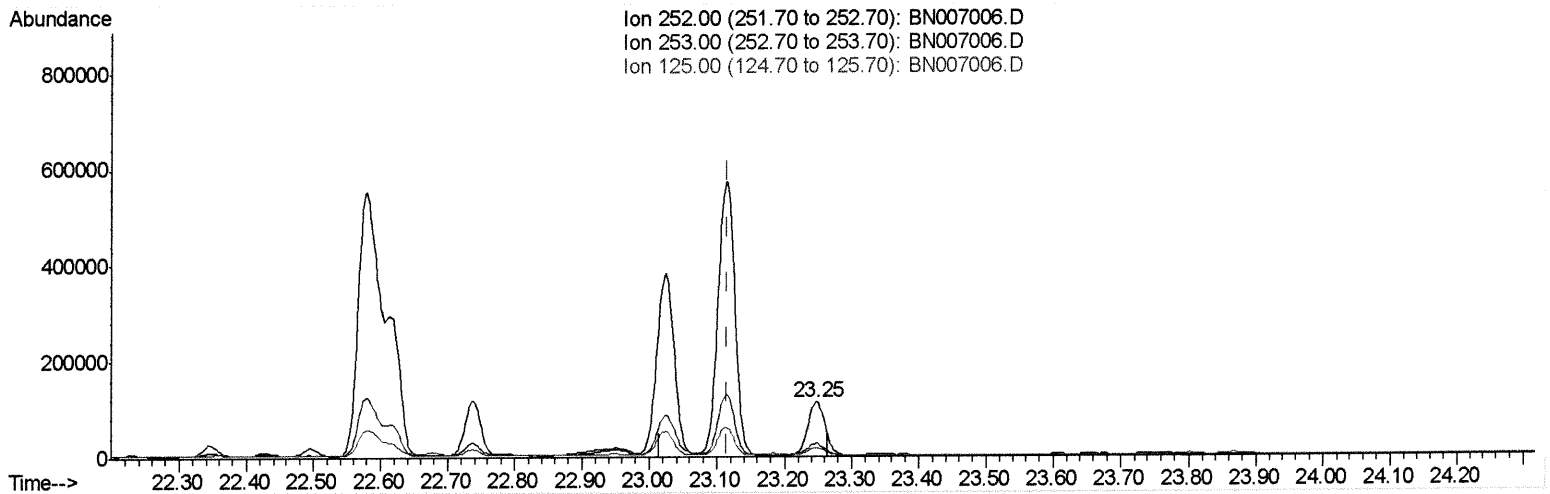
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
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mohammad
8/9/2019 6:15:43 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



(23) Benzo(a)pyrene (C)

23.247min (+0.132) 1.65ng/ul

response 200030

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.37
125.00	12.50	16.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

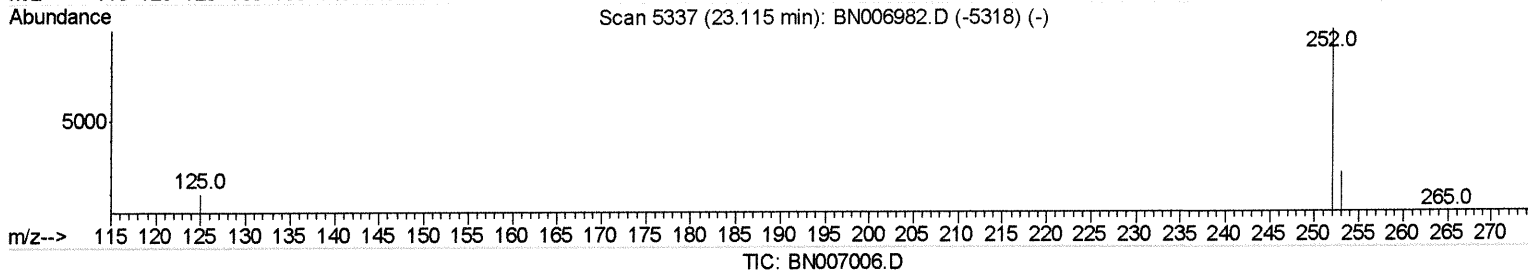
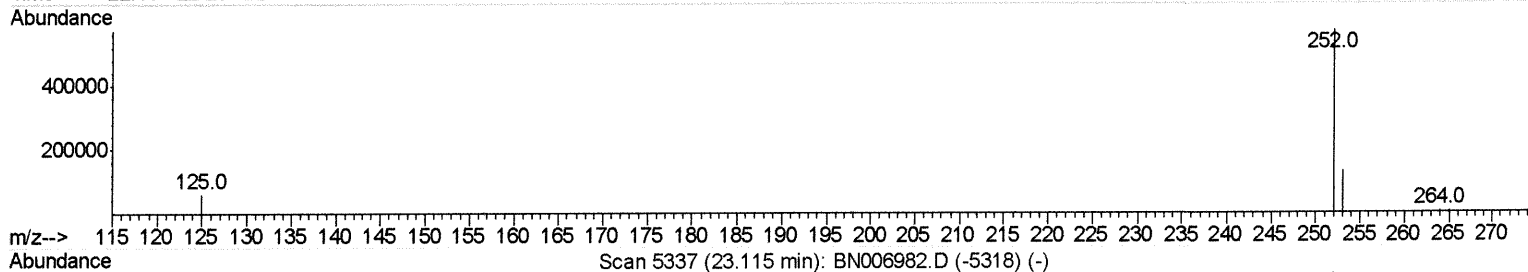
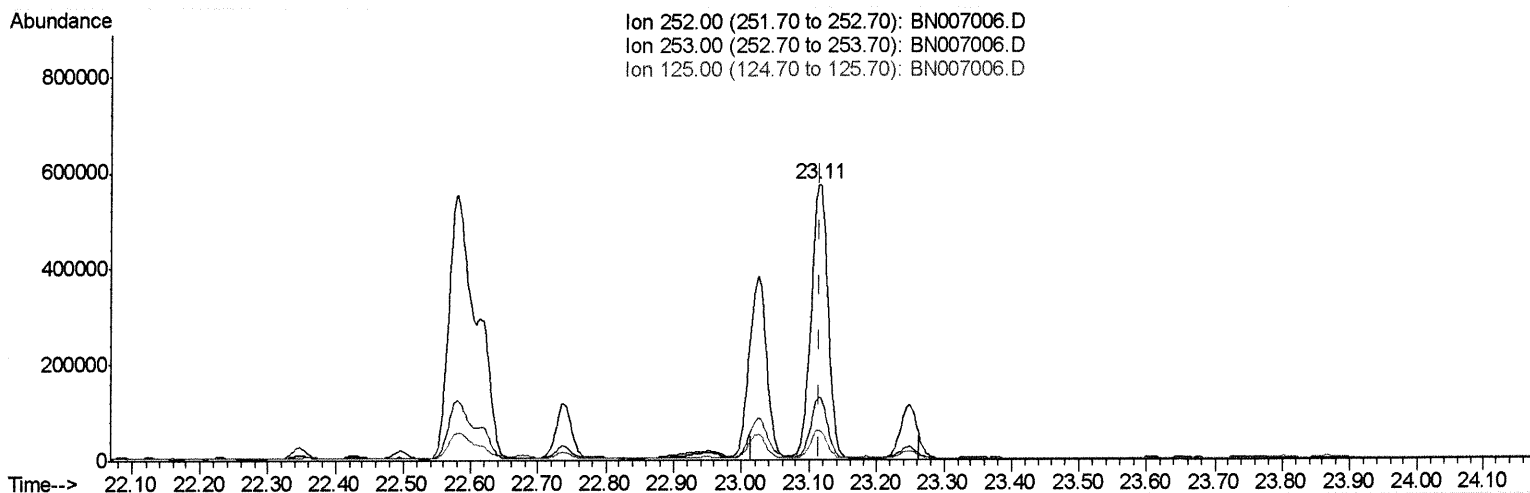
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
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mohammad
8/9/2019 6:15:43 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



(23) Benzo(a)pyrene (C)

23.112min (-0.003) 8.23ng/ul m

response 994553

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	12.50	10.91
0.00	0.00	0.00

JU
08/09/19

Quantitation Report (Qedit)

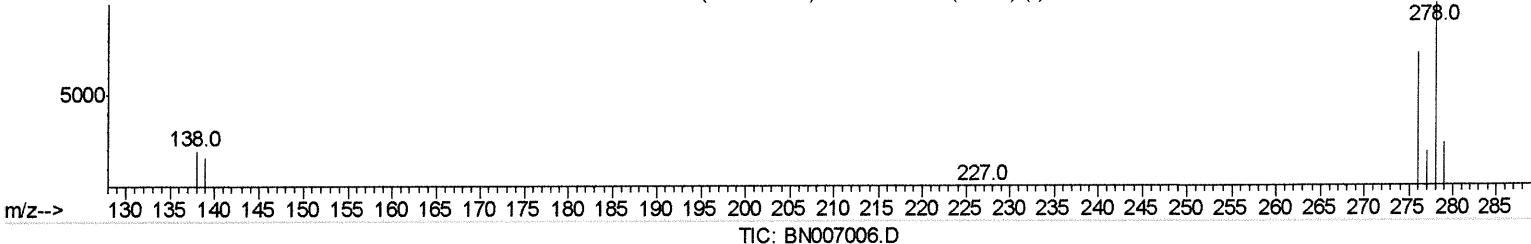
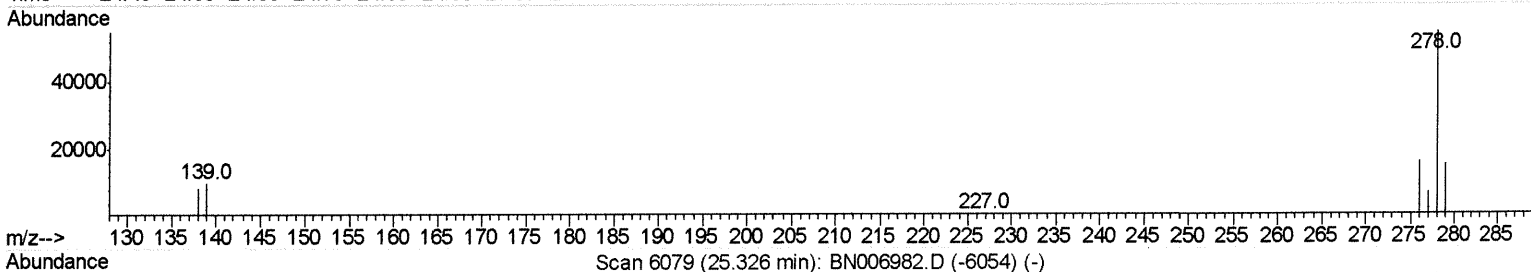
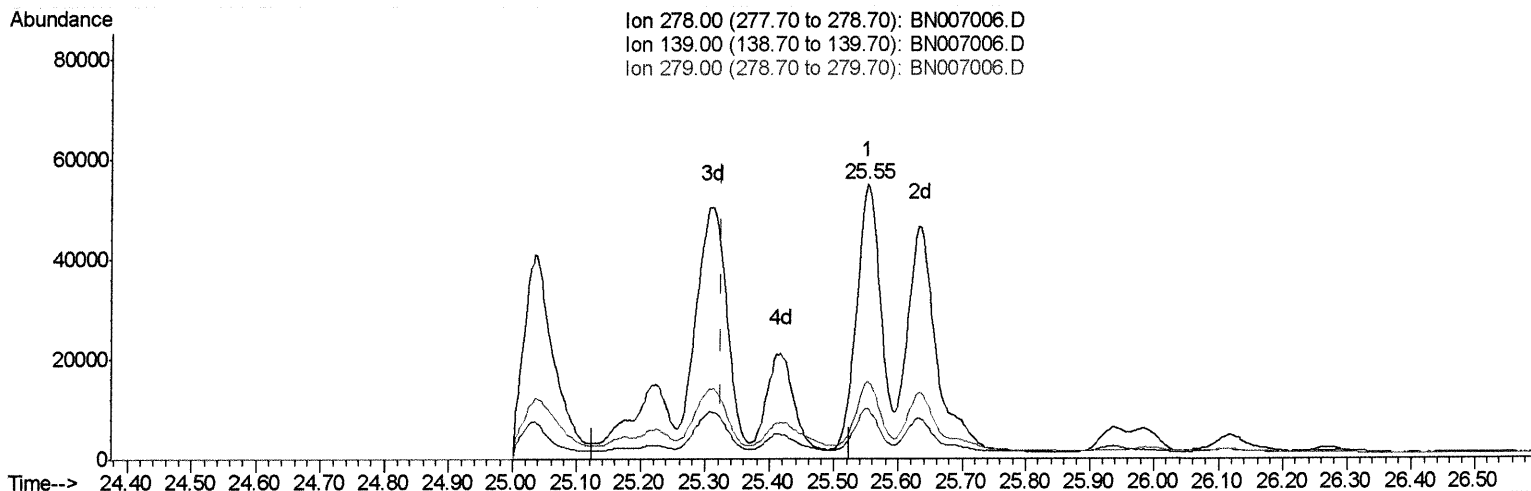
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
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mohammad
 8/9/2019 6:15:43 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



(25) Dibenzo(a,h)anthracene

25.551min (+0.225) 1.31ng/ul

response 136632

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	18.41
279.00	24.50	28.08
0.00	0.00	0.00

Quantitation Report (Qedit)

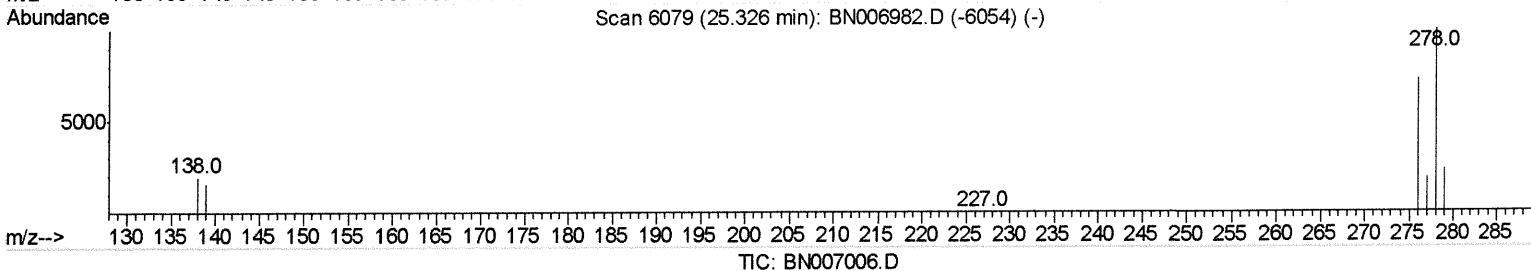
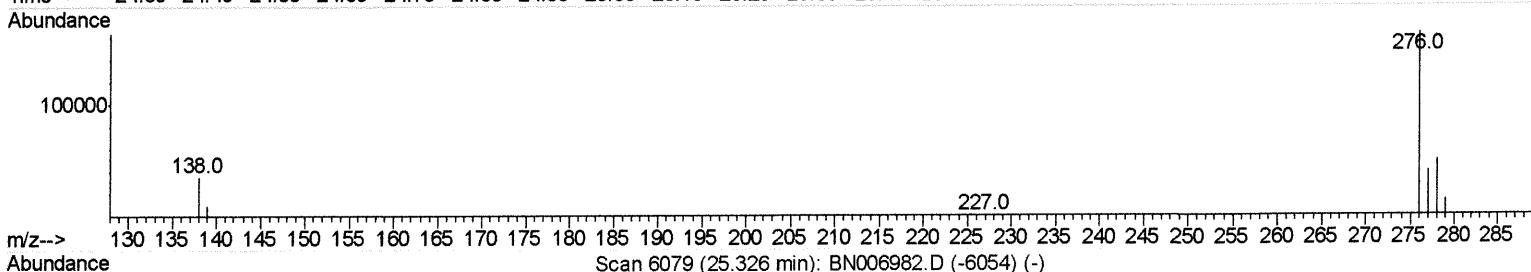
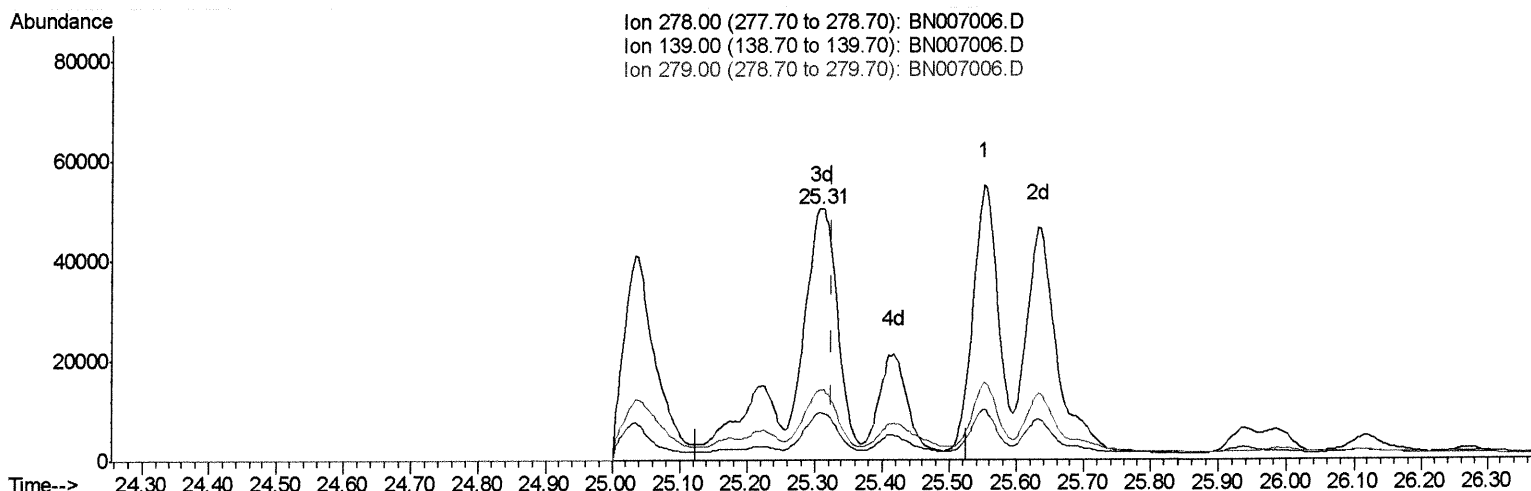
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP03

Manual Integrations
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mohammad
 8/9/2019 6:15:43 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



(25) Dibenzo(a,h)anthracene
 25.309min (-0.017) 1.45ng/ul m

response 150627

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	19.13
279.00	24.50	28.08
0.00	0.00	0.00

Quantitation Report (Qedit)

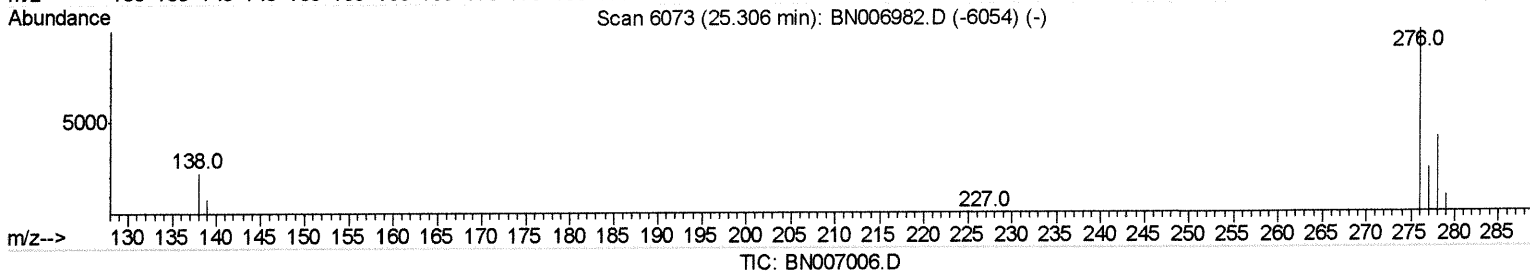
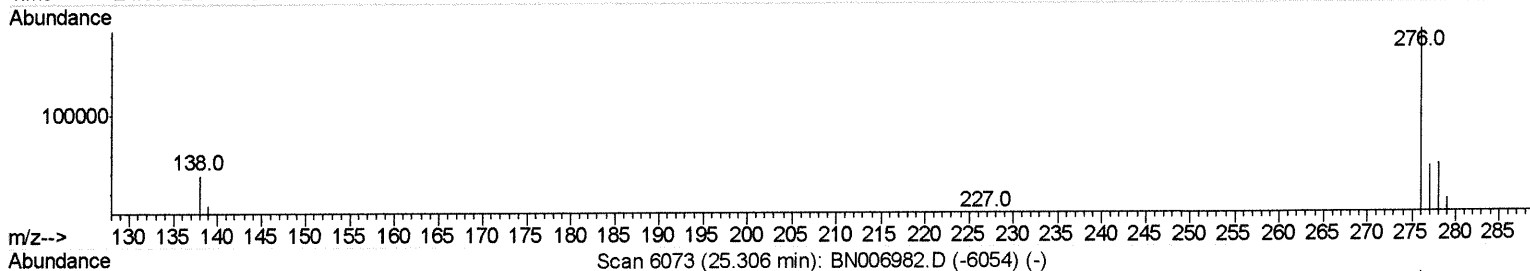
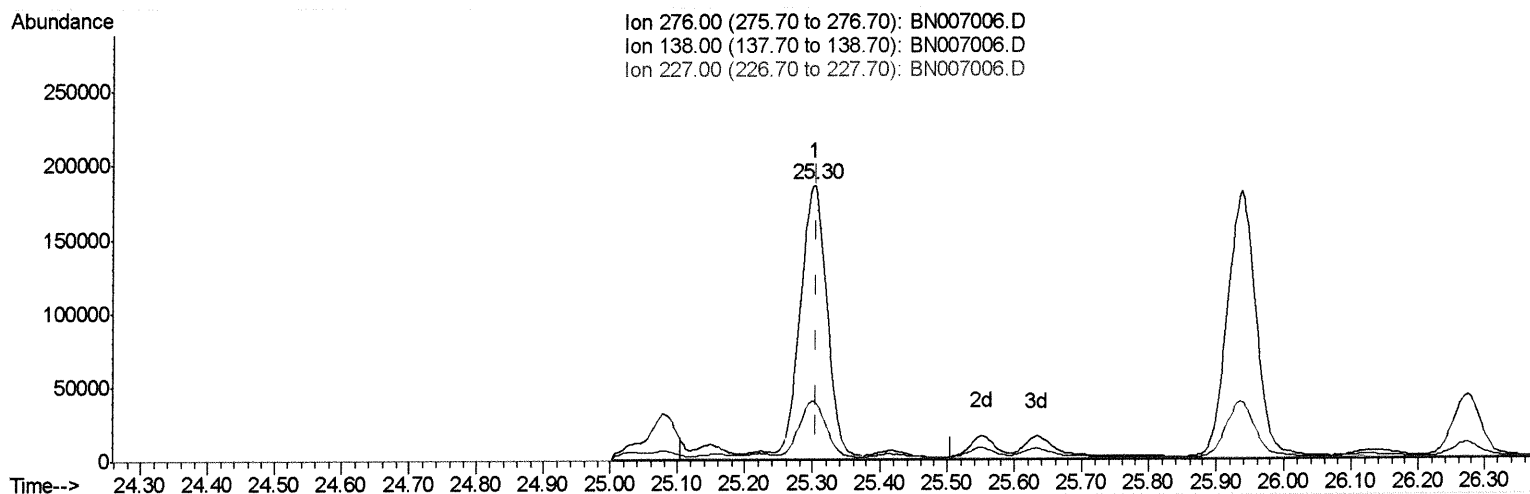
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
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mohammad
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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
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(24) Indeno(1,2,3-cd)pyrene

25.302min (-0.003) 3.77ng/ul

response 490714

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.41
227.00	0.30	0.26
0.00	0.00	0.00

Quantitation Report (Qedit)

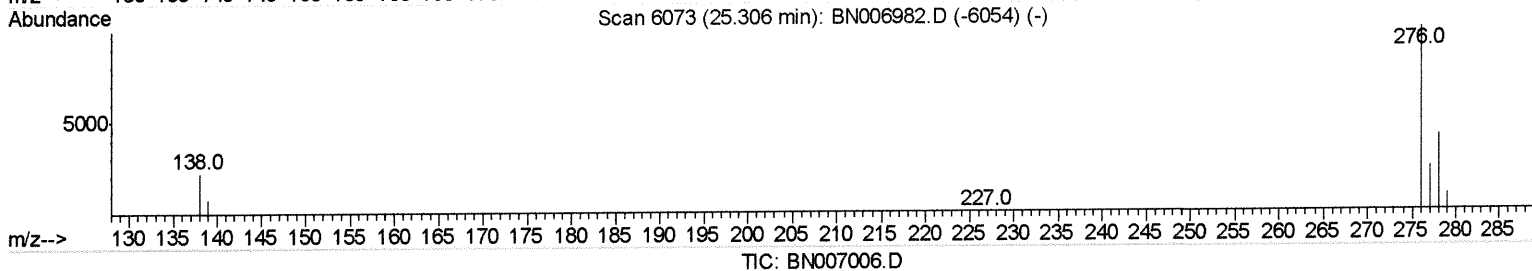
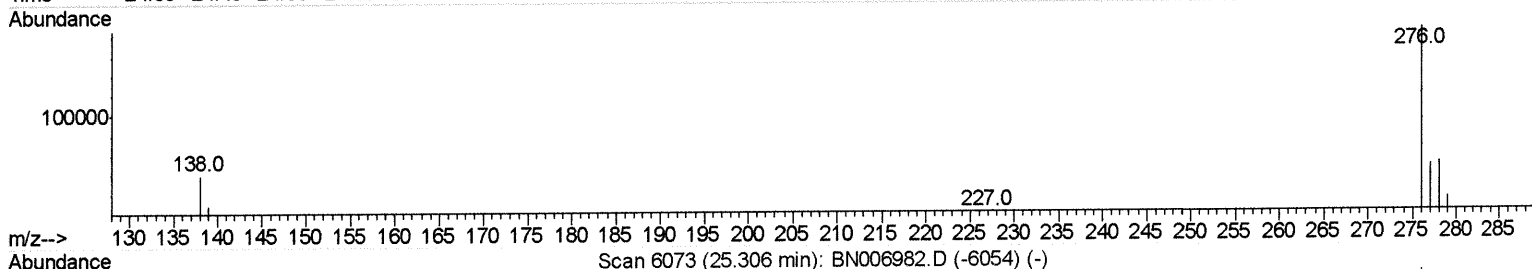
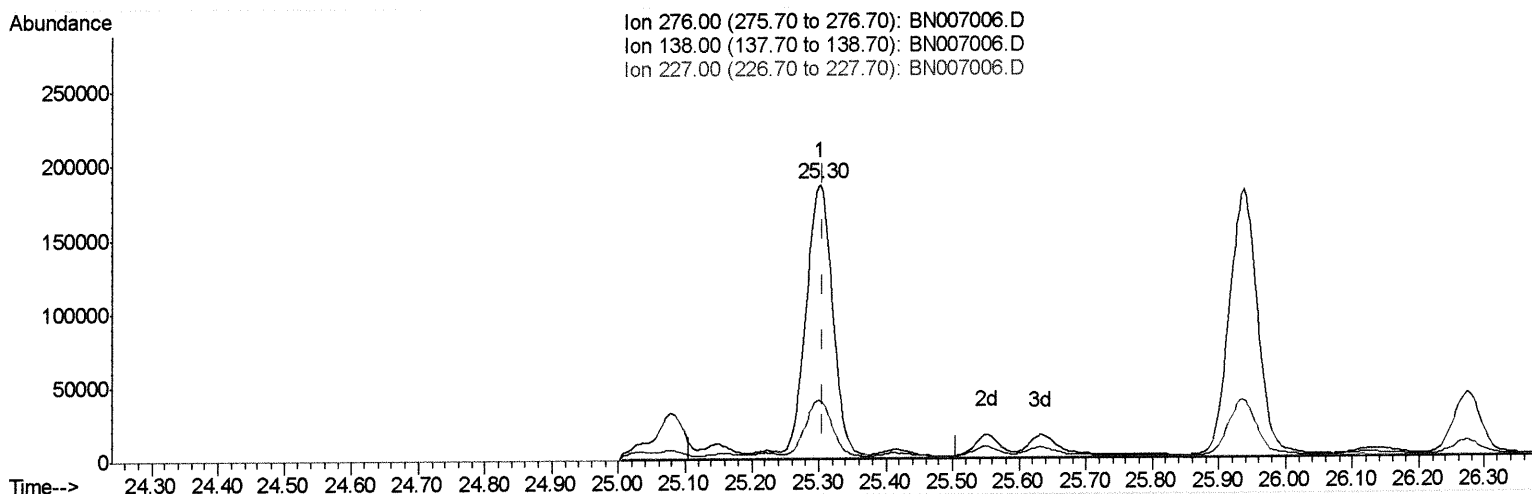
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
APPROVED

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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



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

25.302min (-0.003) 3.83ng/ul m

response 498753

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.06
227.00	0.30	0.25
0.00	0.00	0.00

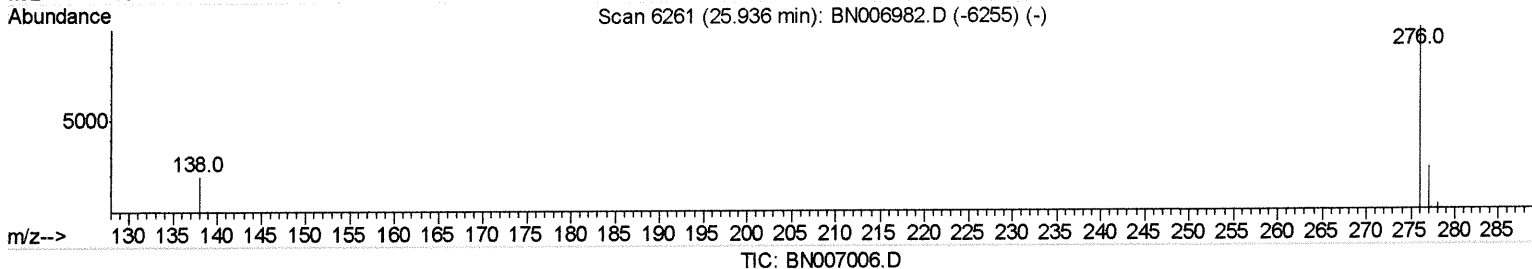
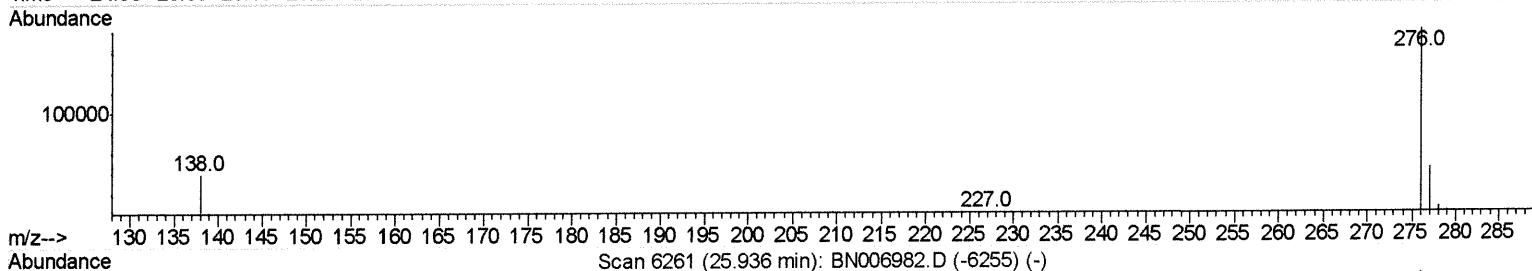
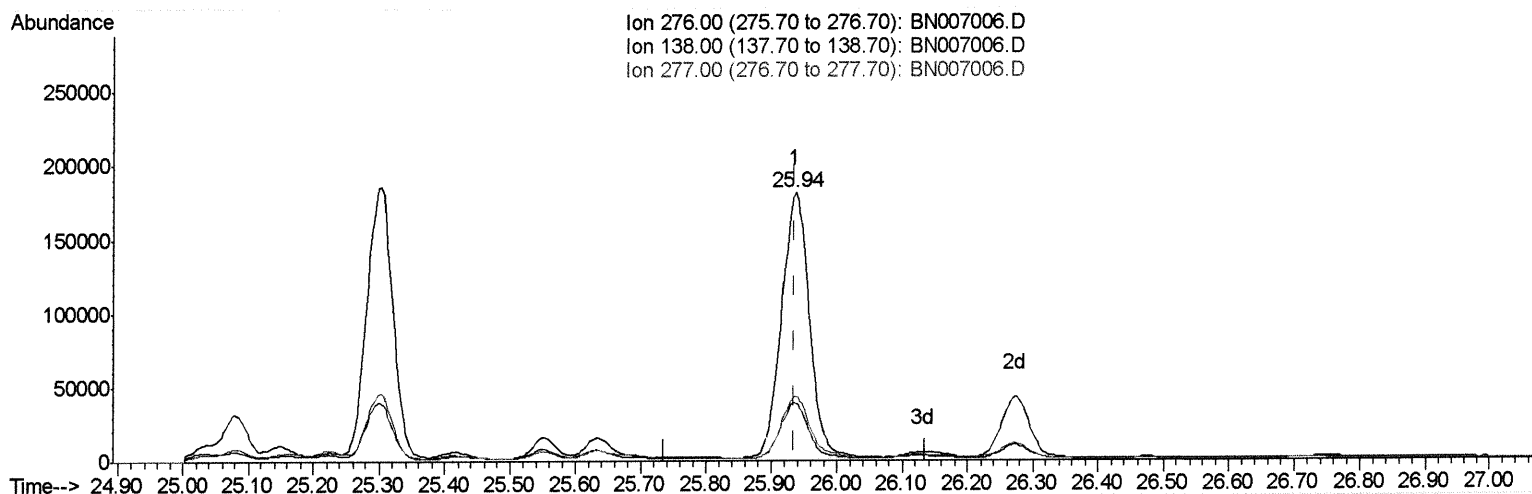
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP03

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:43 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) 4.74ng/ul

response 518212

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)

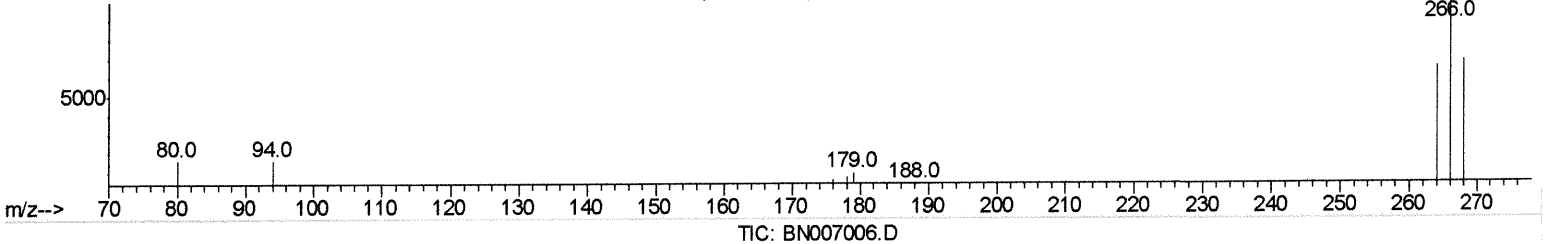
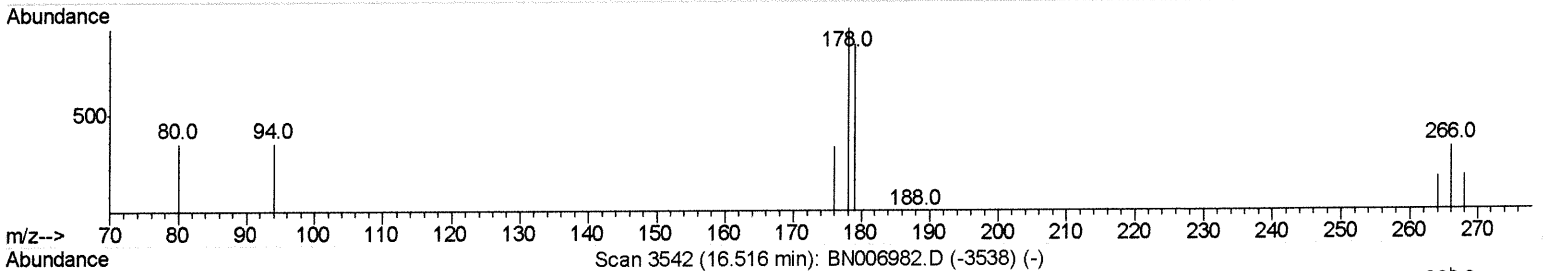
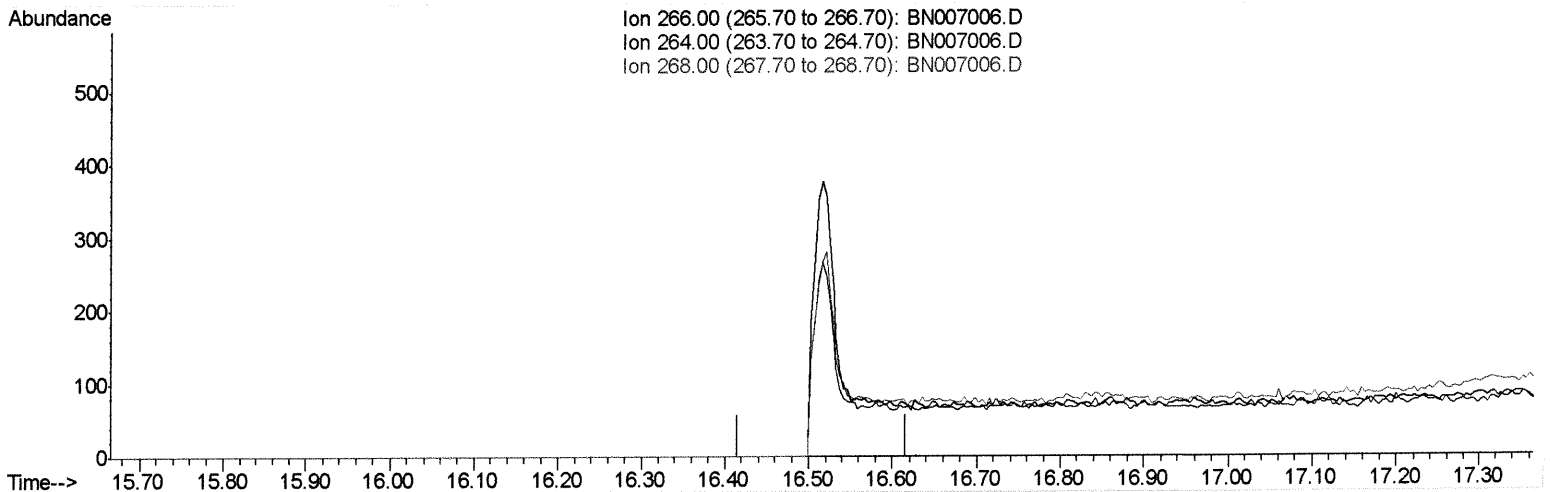
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:51:56 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/ui

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)

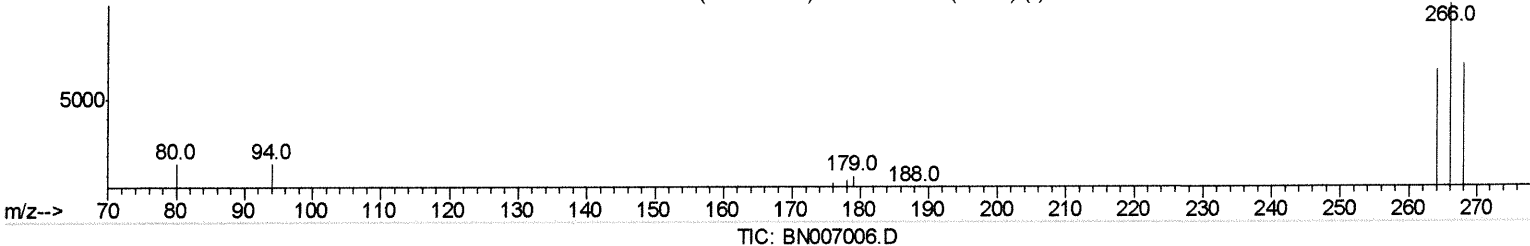
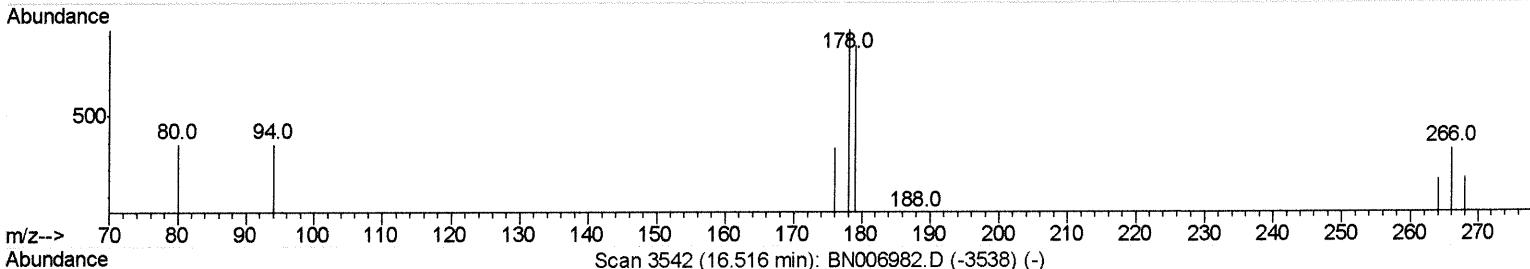
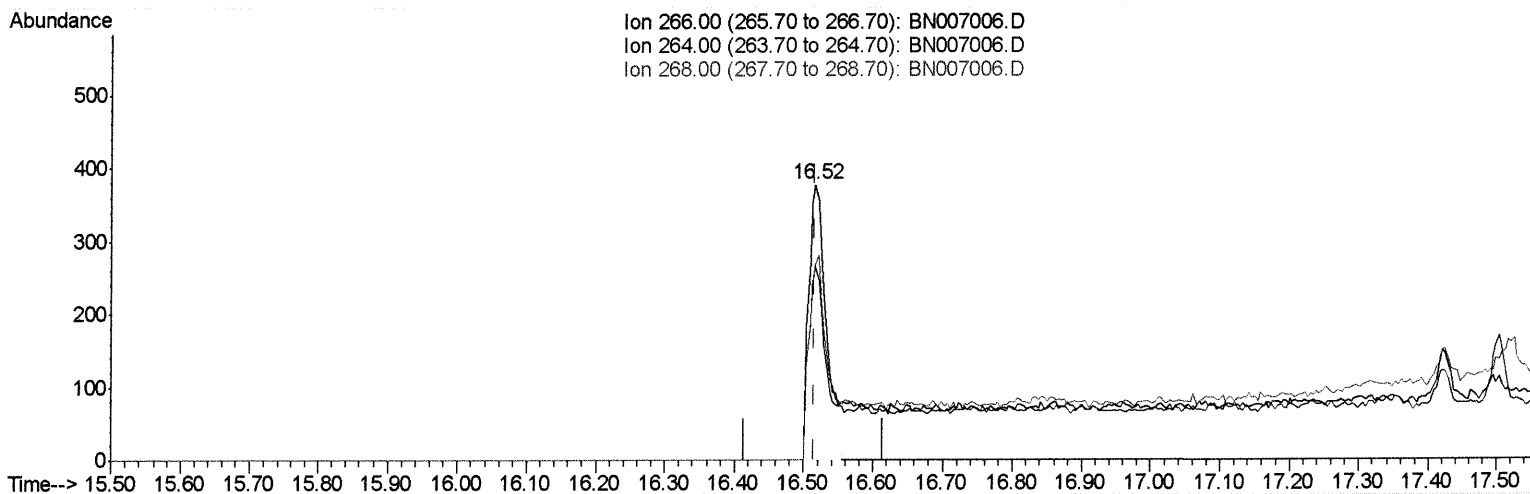
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 06:51:56 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) 0.05ng/ul m *JU 08/09/19*

response 684

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 : 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 :
 BEP03

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:43 AM

Quant Time: Aug 08 08:13:39 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	8213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20490	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51439m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	36628m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	31673m	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.83	152	11446	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	33520m	0.20	ng/ul	0.00

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Target Compounds

					Ovalue	
3) Naphthalene	10.28	128	28373	0.296	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	21006	0.292	ng/ul	100
7) Acenaphthylene	13.83	152	43951	0.370	ng/ul	98
8) Acenaphthene	14.18	153	52055	0.641	ng/ul	98
9) Fluorene	15.17	166	48706	0.495	ng/ul	98
11) Pentachlorophenol	16.52	266	684m	0.048	ng/ul	98
12) Phenanthrene	16.90	178	1125975m	6.869	ng/ul	98
13) Anthracene	16.99	178	251218m	1.498	ng/ul	98
15) Fluoranthene	18.93	202	2052683m	10.074	ng/ul	98
17) Pyrene	19.30	202	2681656	16.399	ng/ul	100
18) Benzo(a)anthracene	21.06	228	1432101m	8.901	ng/ul	98
19) Chrysene	21.11	228	1488890	9.881	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	1200655m	9.350	ng/ul	98
22) Benzo(k)fluoranthene	22.61	252	382944m	3.077	ng/ul	98
23) Benzo(a)pyrene	23.11	252	994553m	8.226	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	498753m	3.827	ng/ul	98
25) Dibenzo(a,h)anthracene	25.31	278	150627m	1.447	ng/ul	98
26) Benzo(a,h,i)perylene	25.94	276	531911m	4.866	ng/ul	98

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