

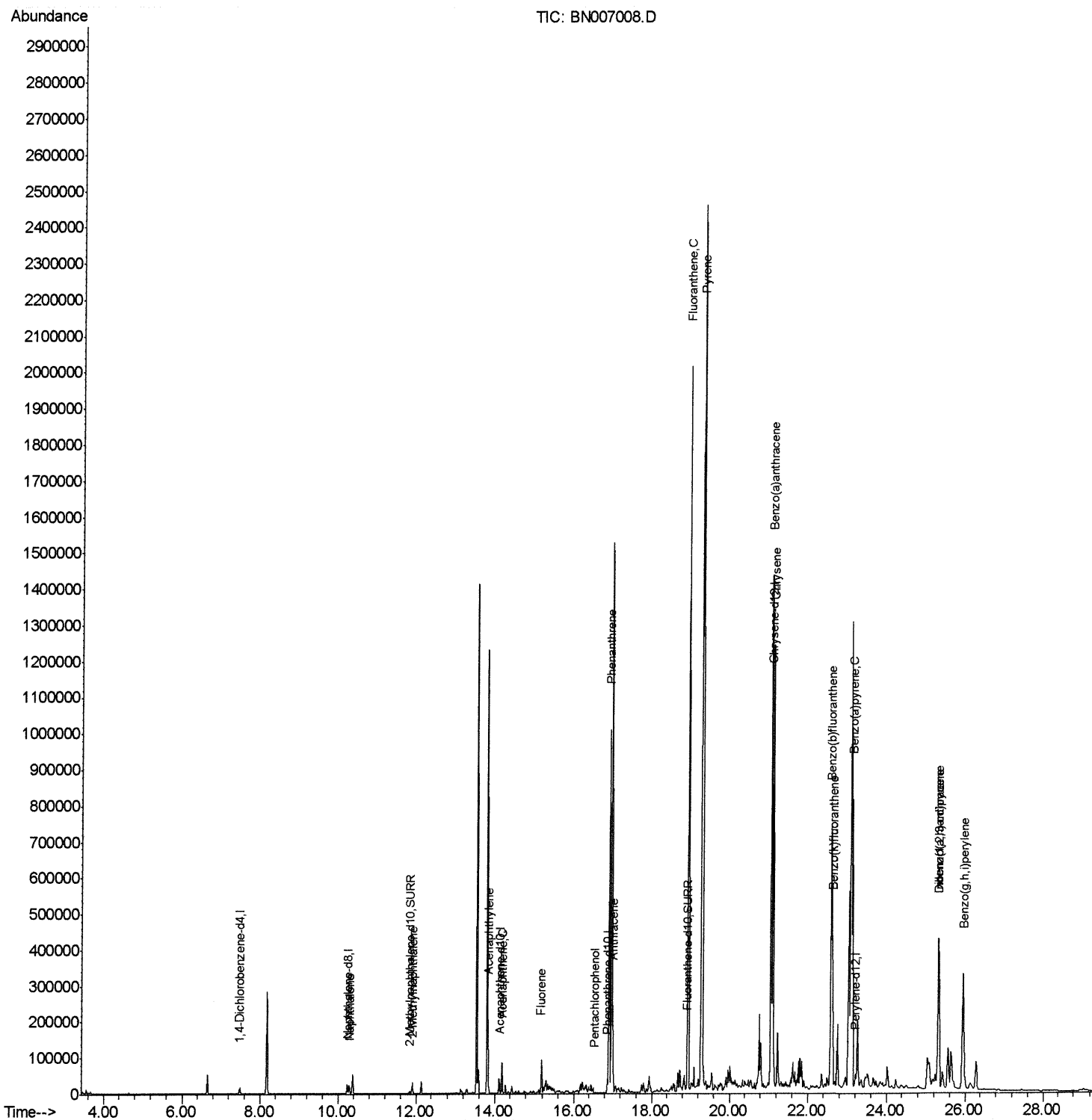
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:12:42 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)

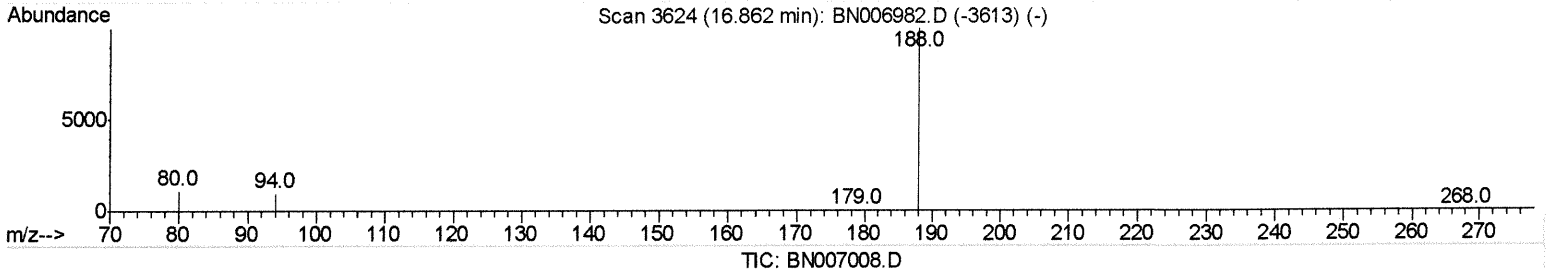
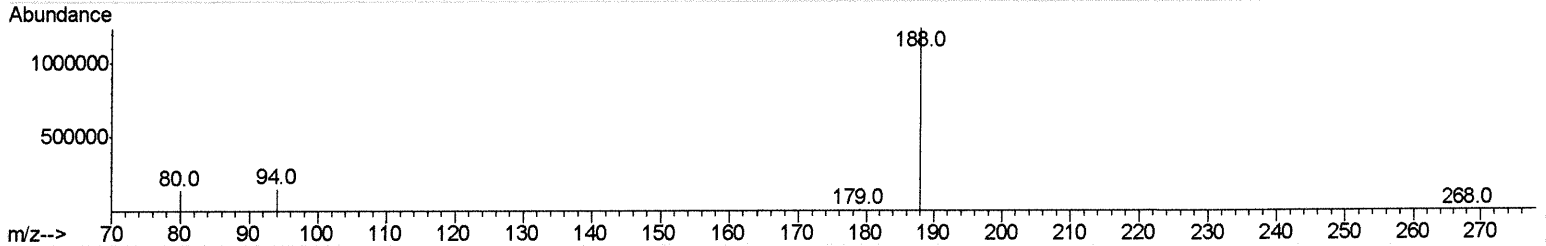
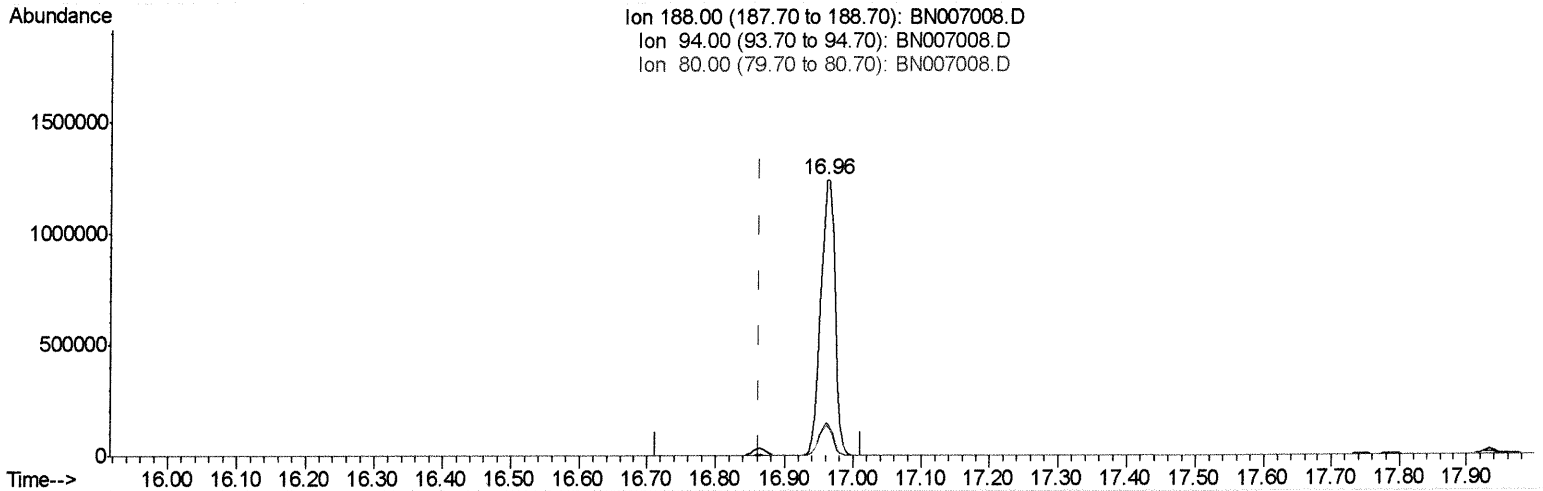
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 BEP08

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 07:49:30 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 1787638

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.88
80.00	12.40	10.81
0.00	0.00	0.00

Quantitation Report (Qedit)

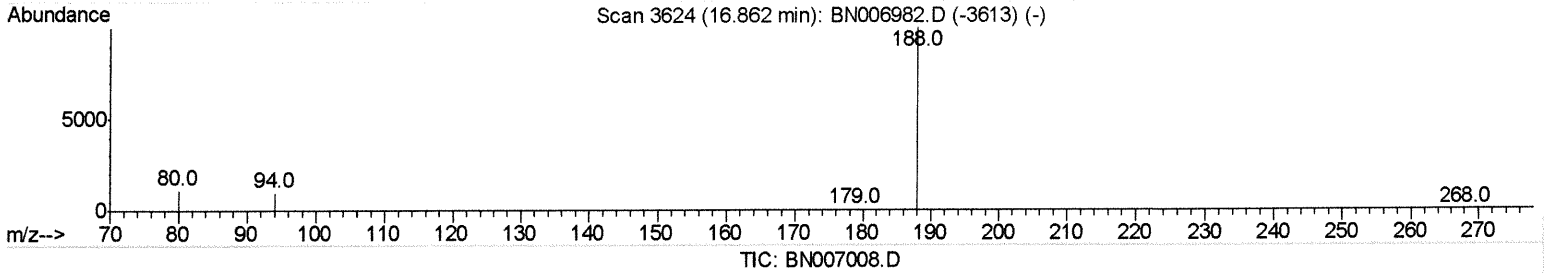
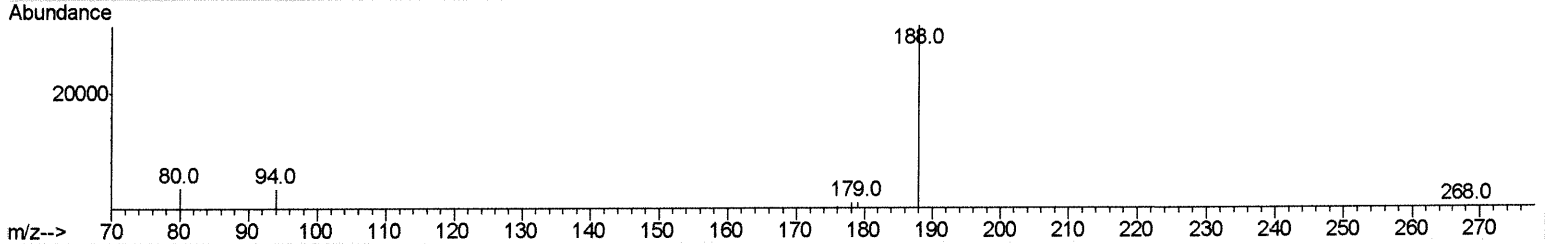
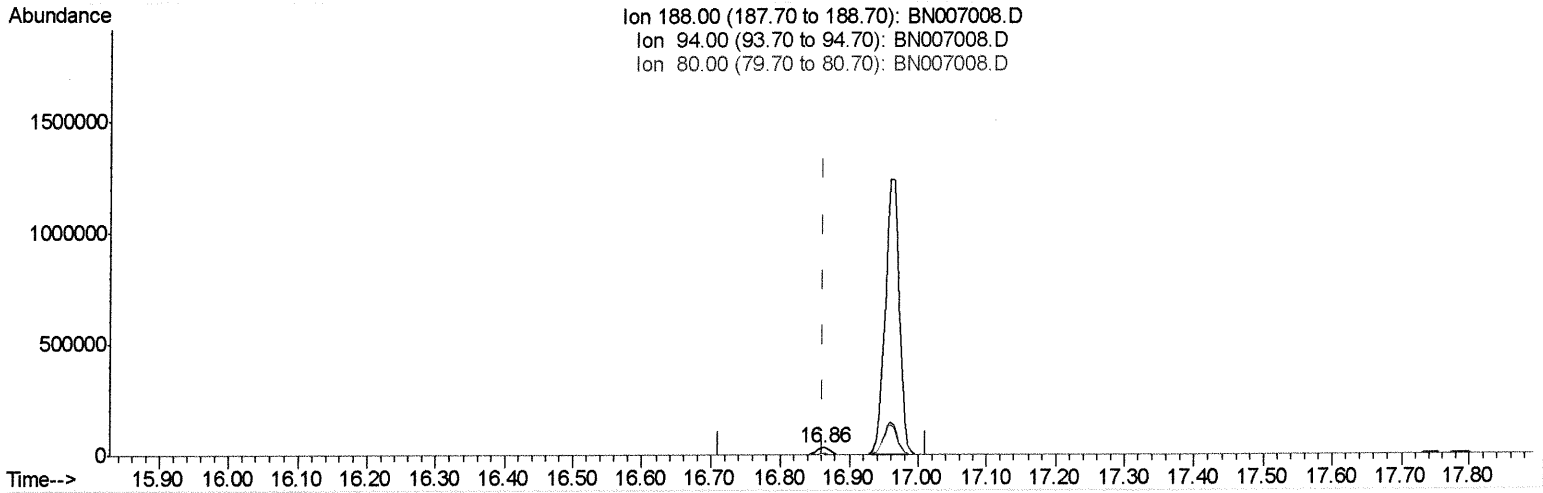
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 07:49:30 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 43746

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.57
80.00	12.40	11.37
0.00	0.00	0.00

Quantitation Report (Qedit)

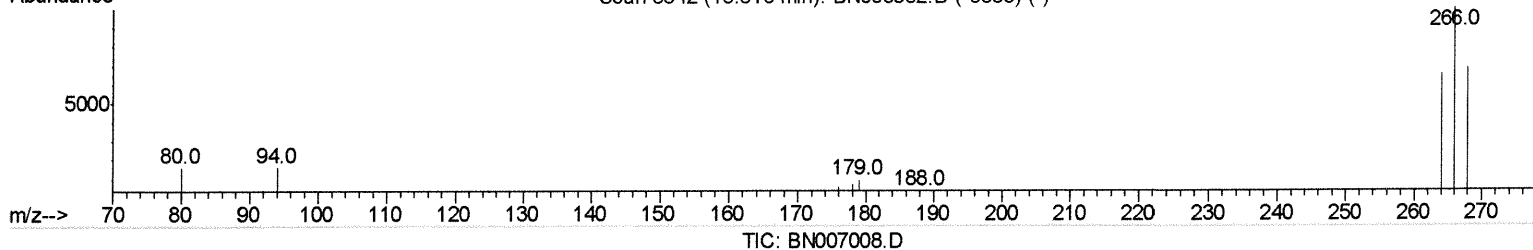
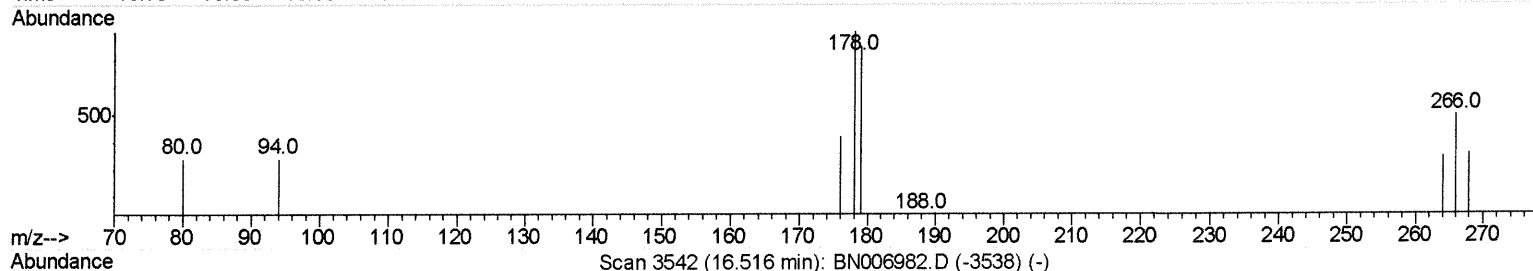
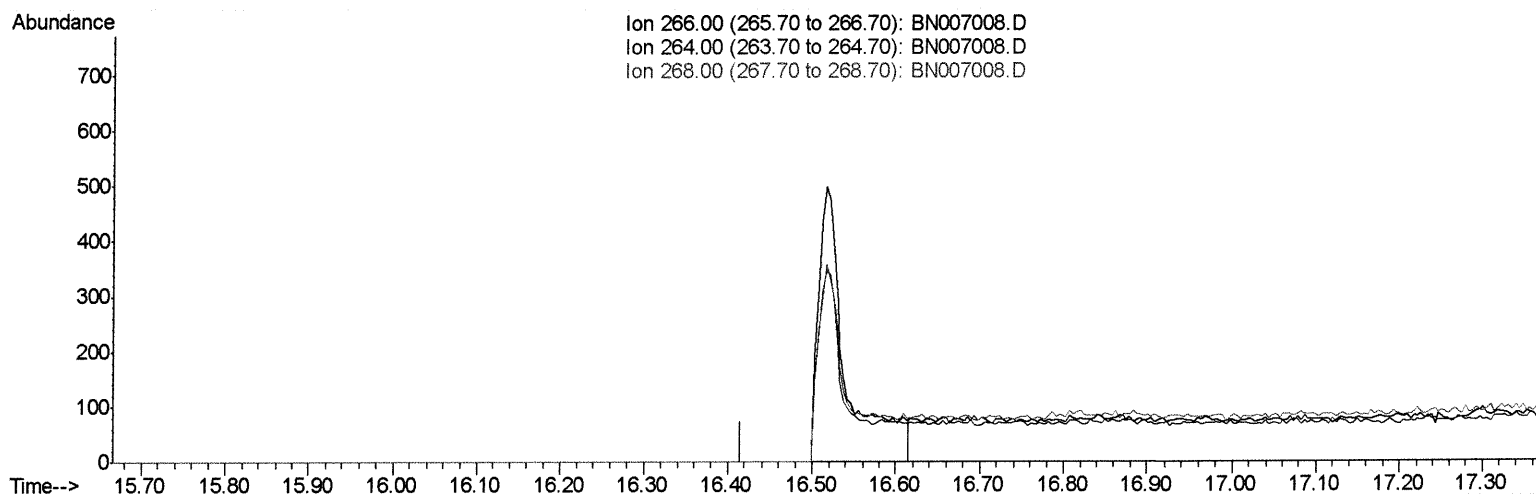
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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

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)

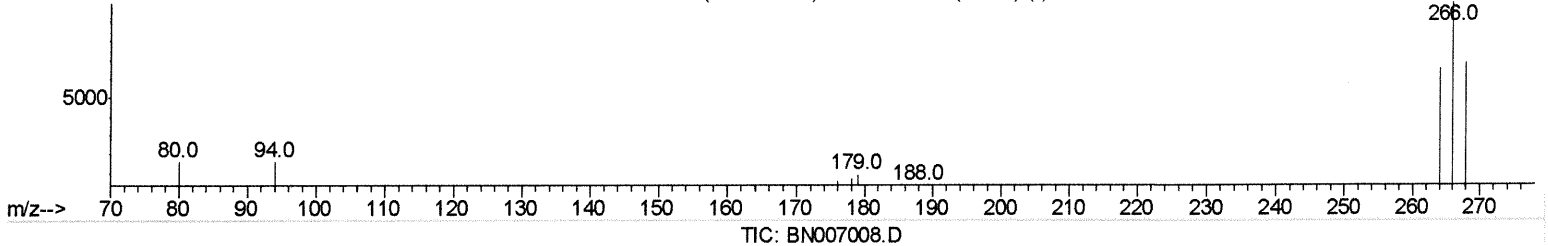
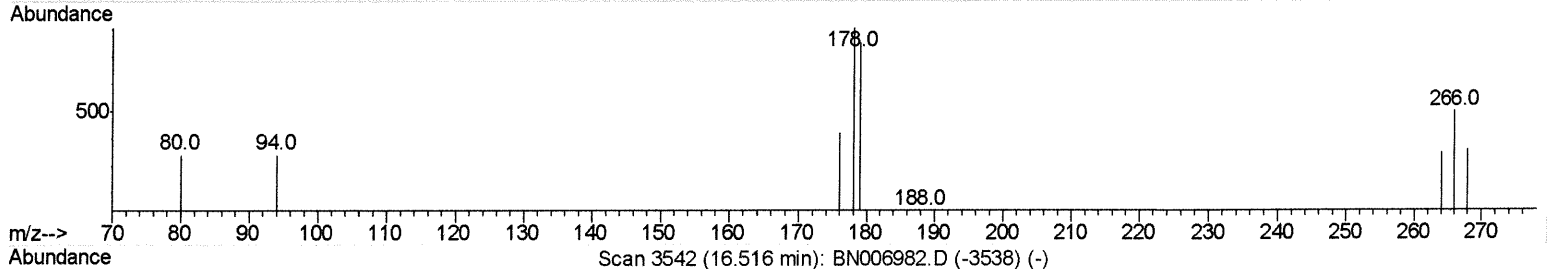
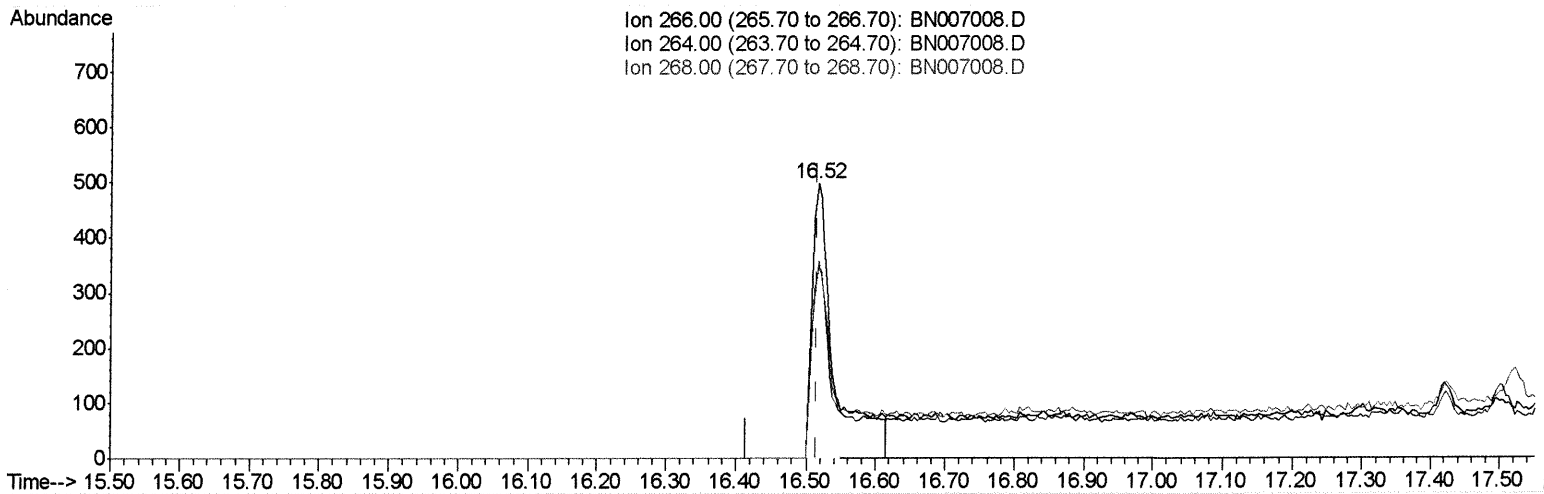
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 0.07ng/ul m *JU 08/09/19*

response 835

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

Quantitation Report (Qedit)

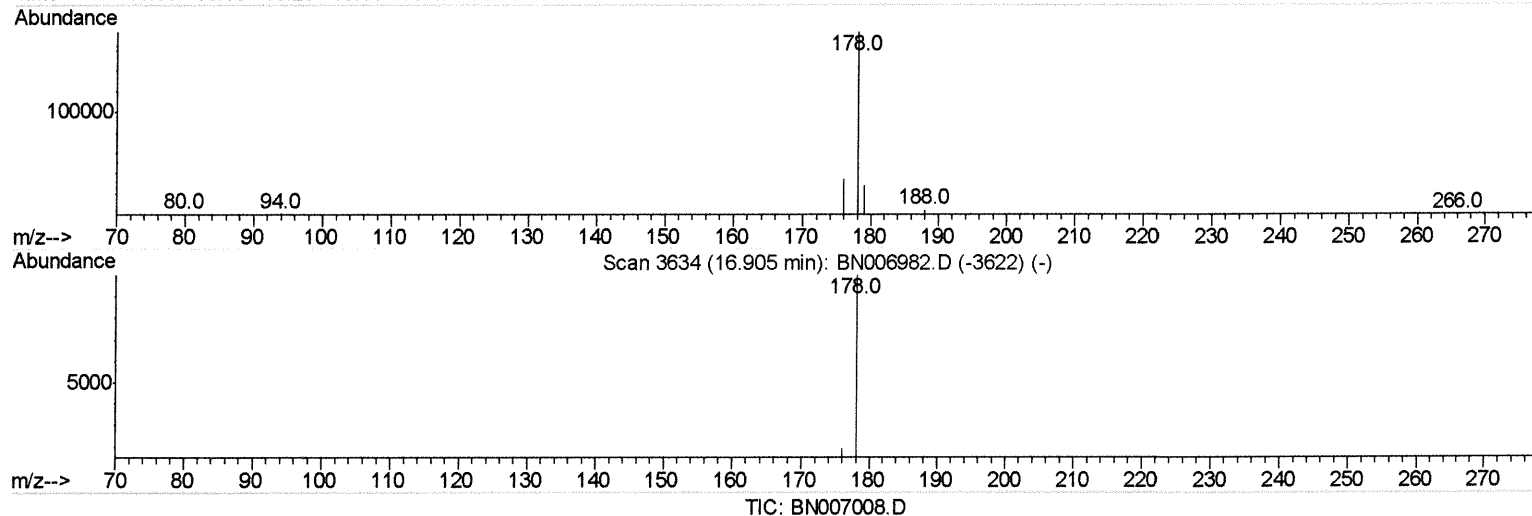
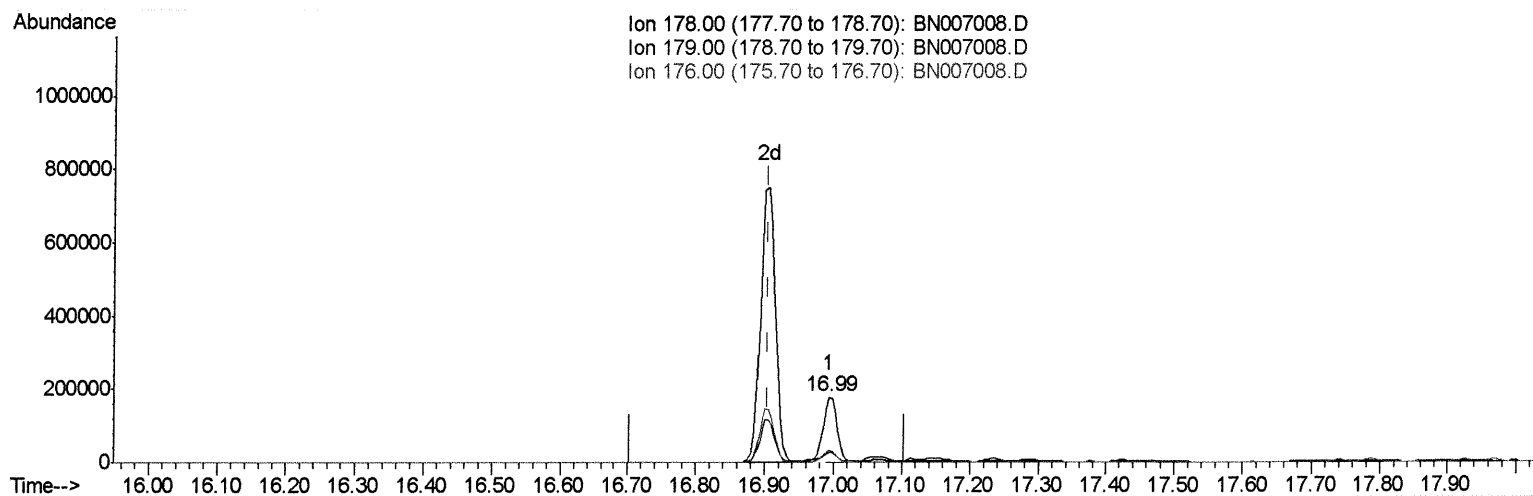
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 1.74ng/ul

response 242715

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.82
176.00	19.50	19.07
0.00	0.00	0.00

Quantitation Report (Qedit)

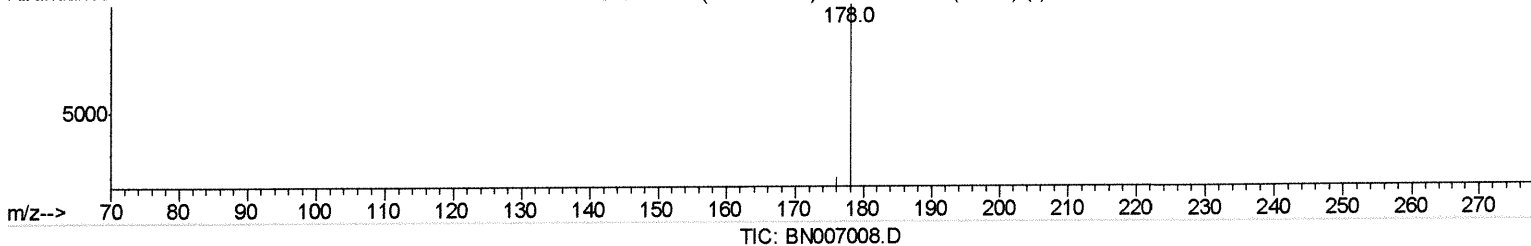
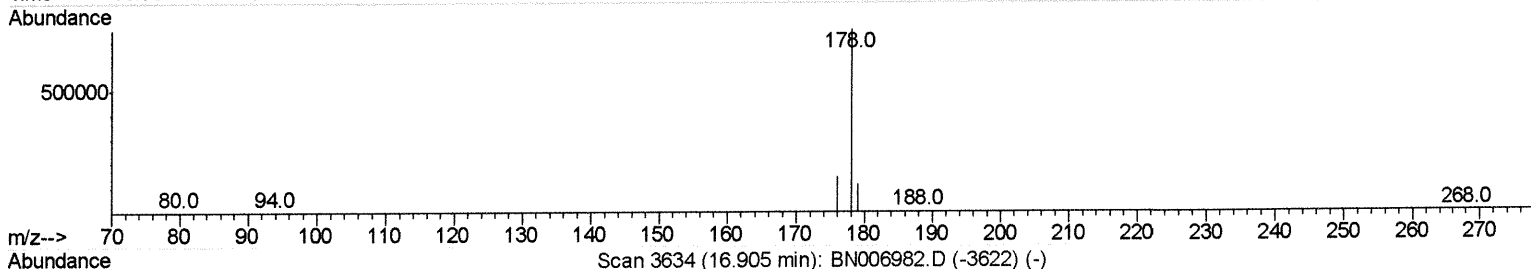
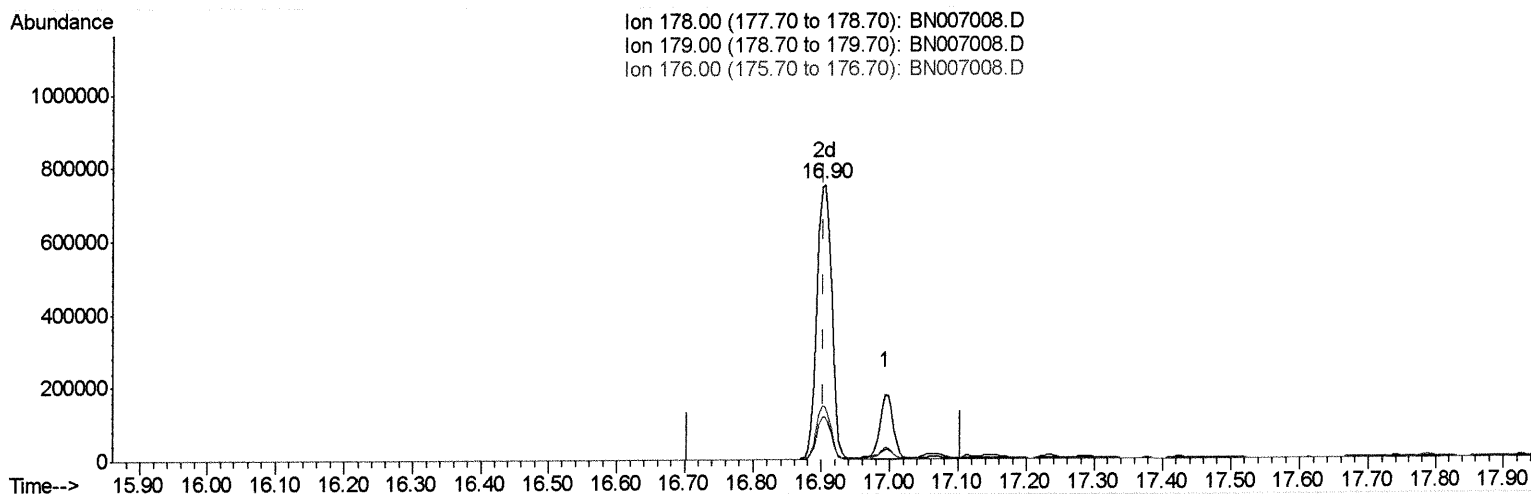
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 7.96ng/ul m *JU 8/09/19*

response 1109729

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.43
176.00	19.50	19.32
0.00	0.00	0.00

Quantitation Report (Qedit)

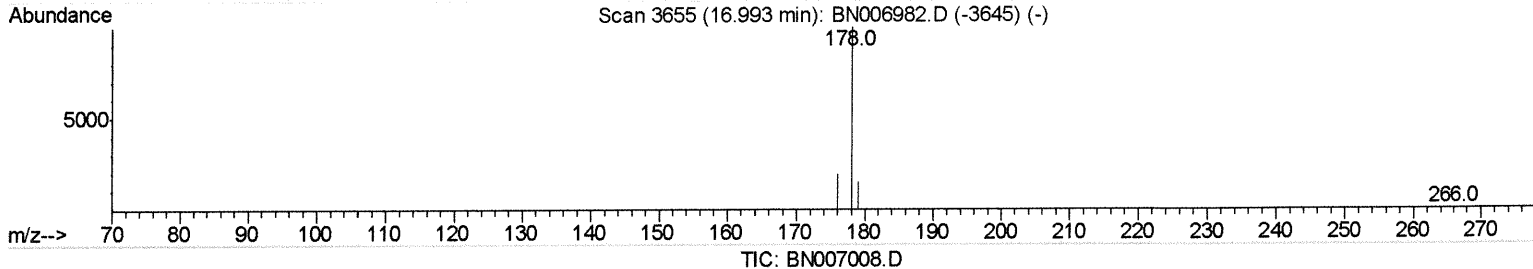
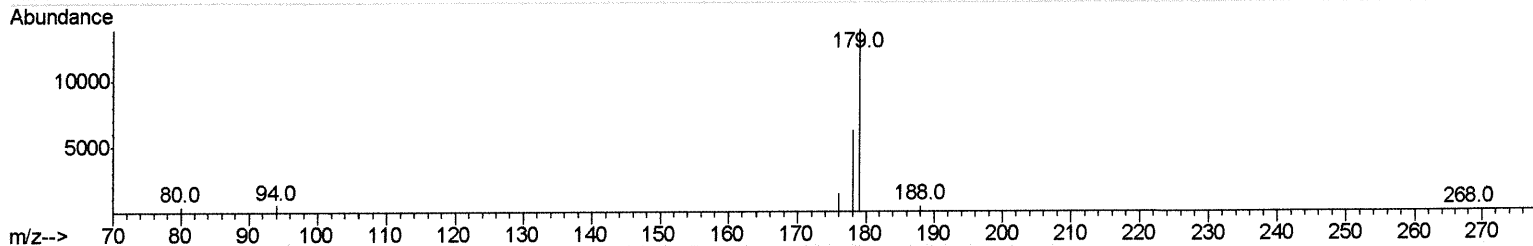
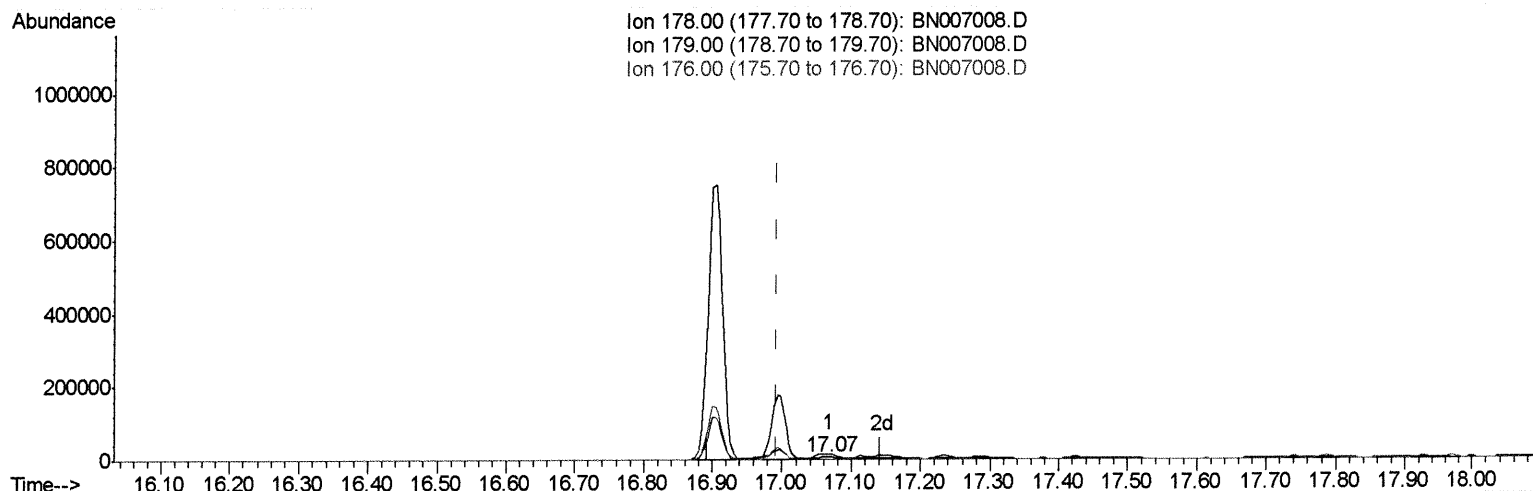
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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

17.069min (+0.076) 0.06ng/ul

response 8943

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	222.95#
176.00	19.20	22.36
0.00	0.00	0.00

Quantitation Report (Qedit)

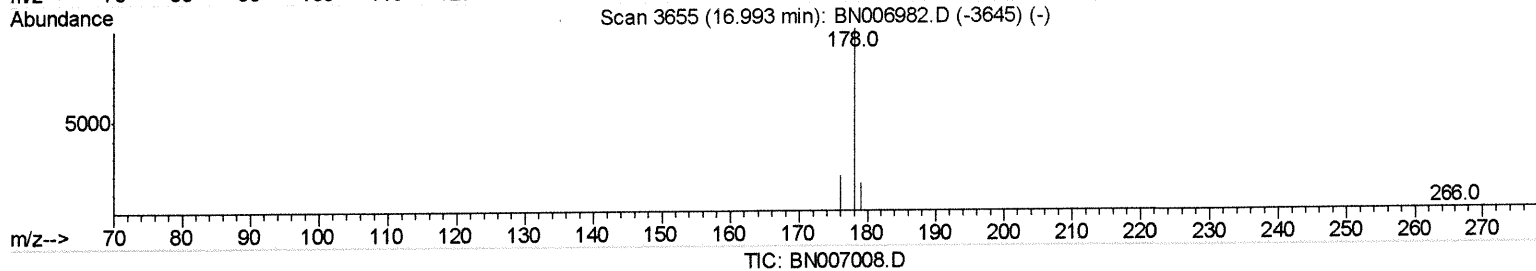
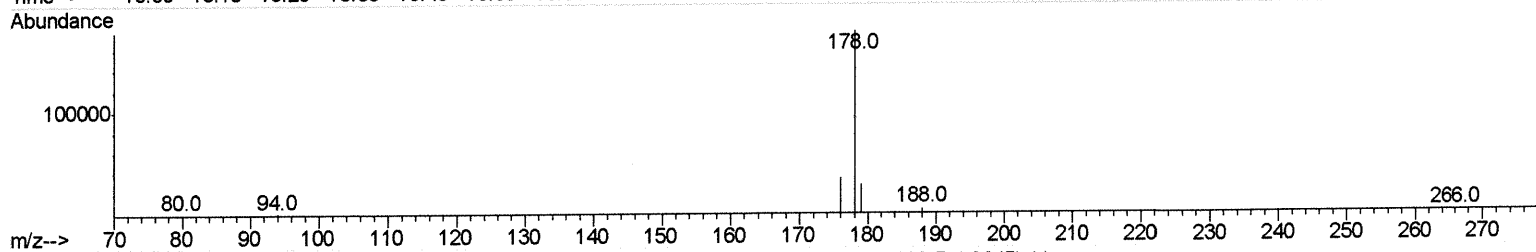
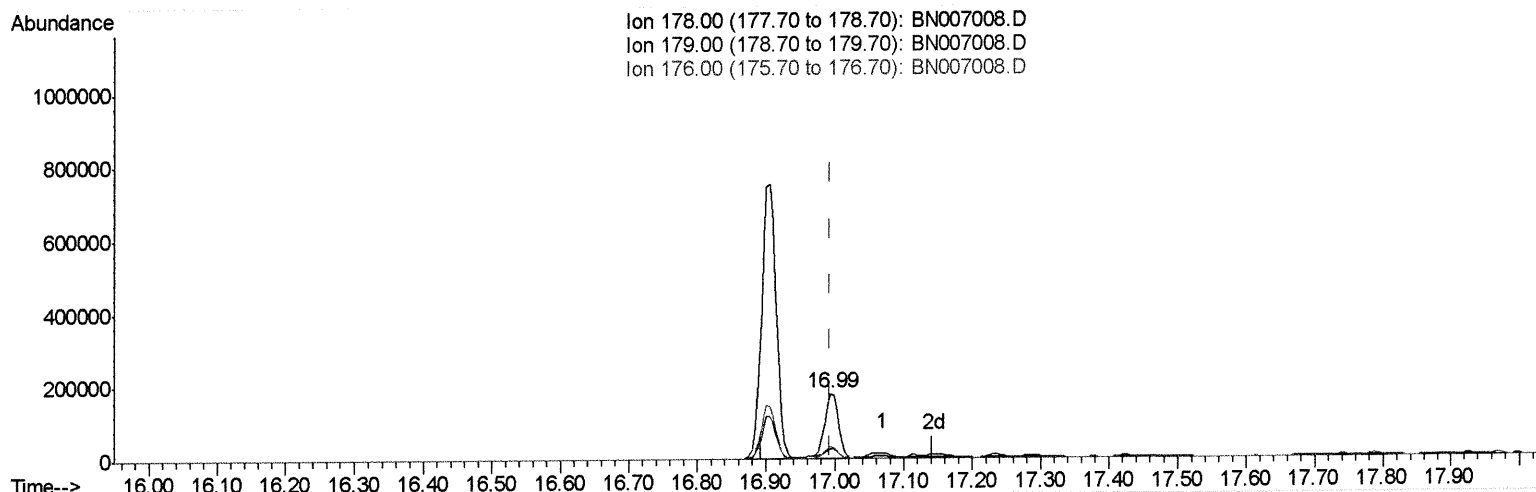
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 1.70ng/ul m

JU 08/09/19

response 241934

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	15.82
176.00	19.20	19.07
0.00	0.00	0.00

Quantitation Report (Qedit)

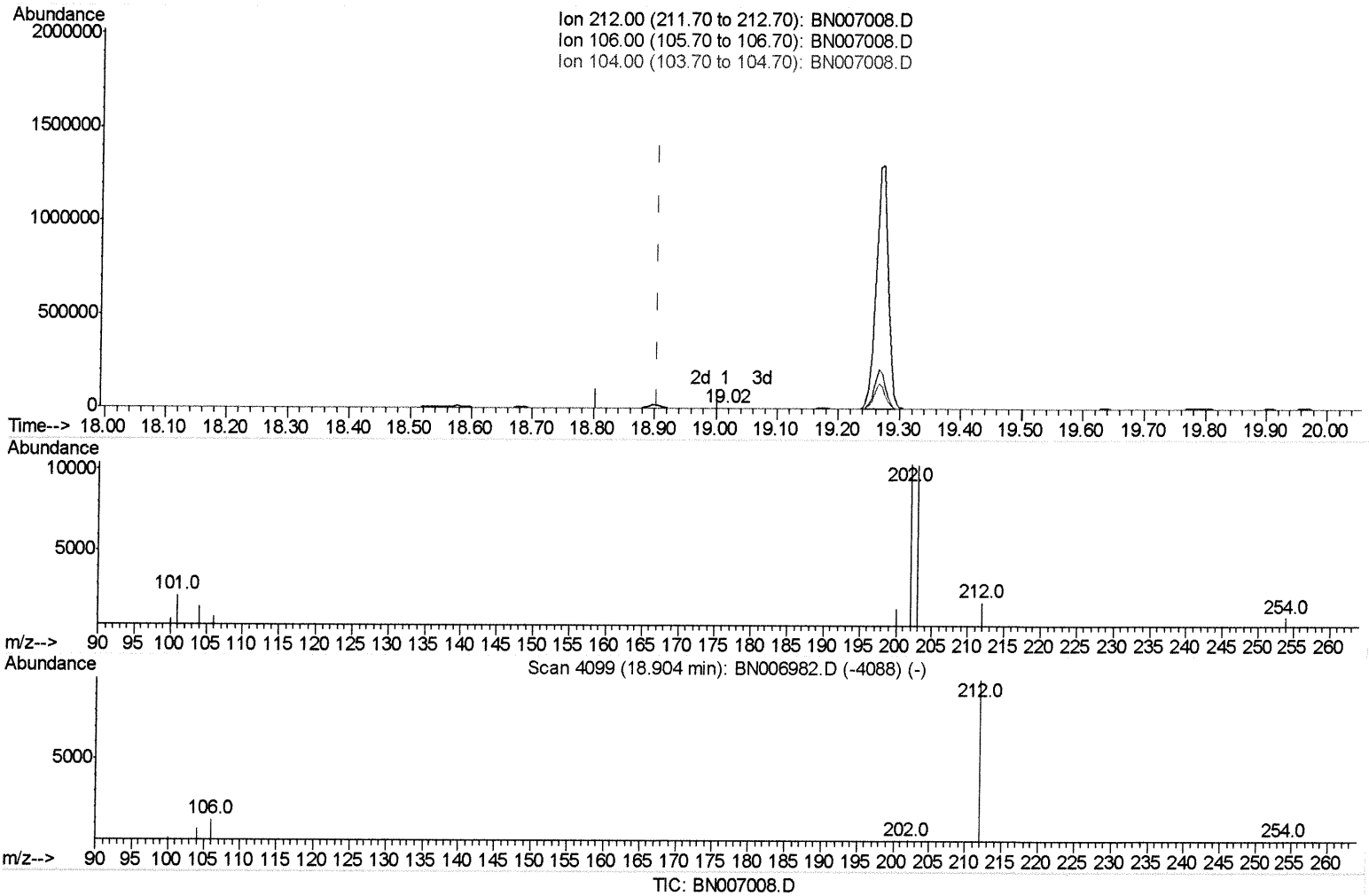
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 0.02ng/ul

response 2740

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	21.06#
104.00	7.10	56.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

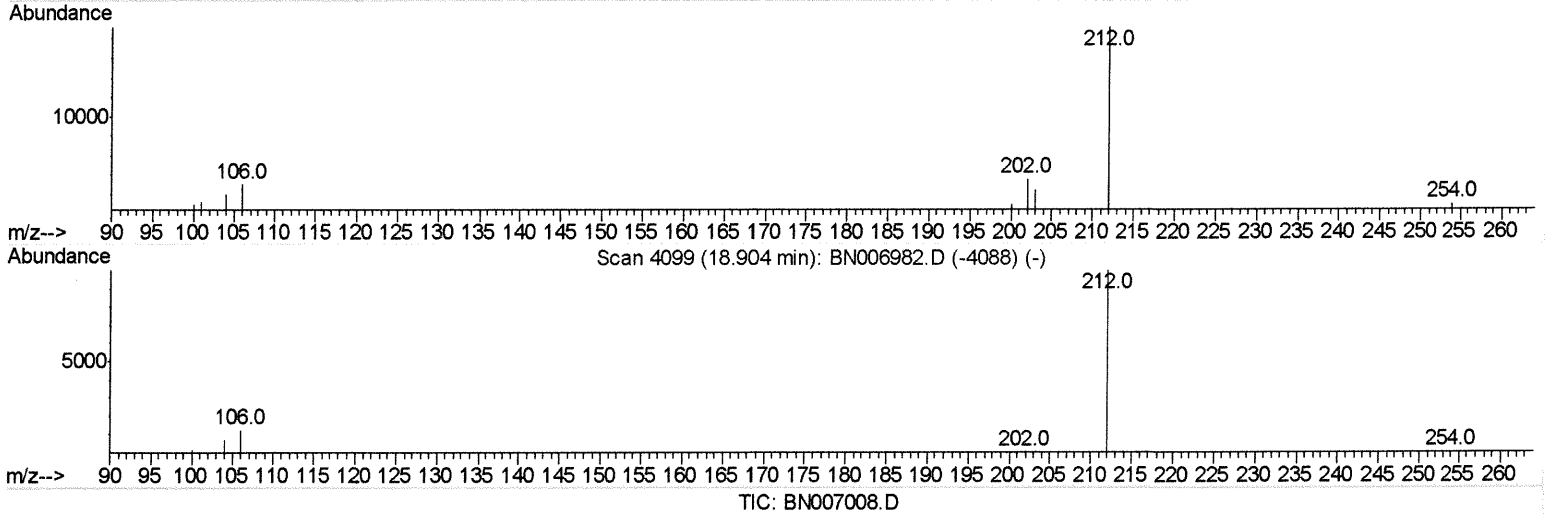
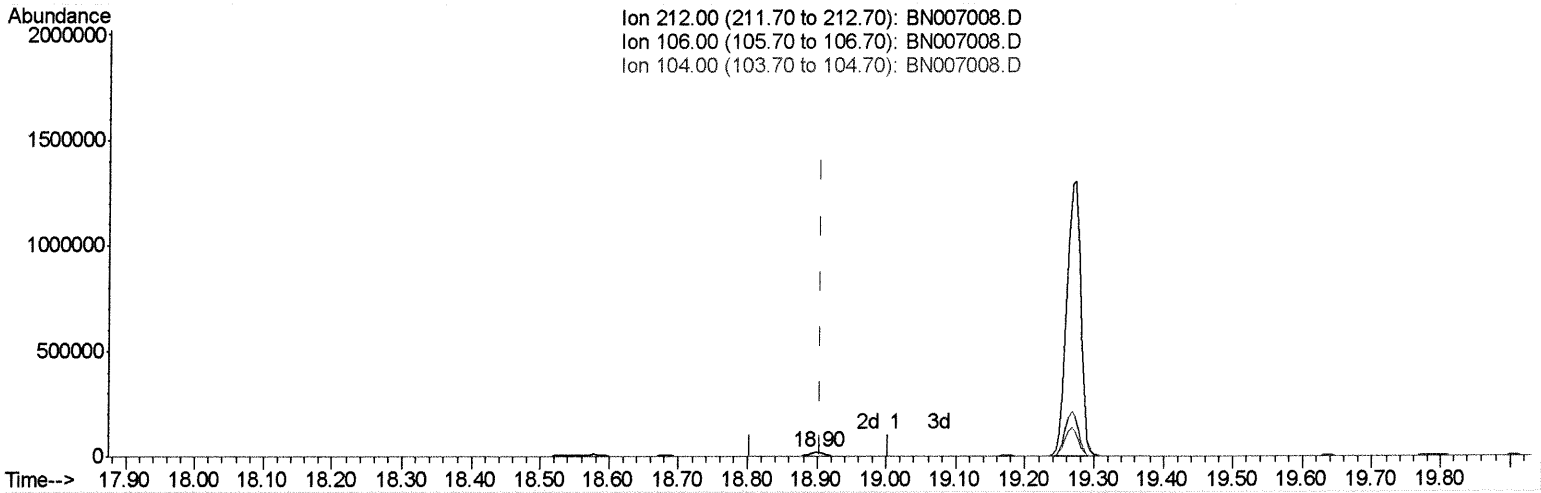
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 0.18ng/ul m

JU
08/09/19

response 25821

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	2.23#
104.00	7.10	6.04
0.00	0.00	0.00

Quantitation Report (Qedit)

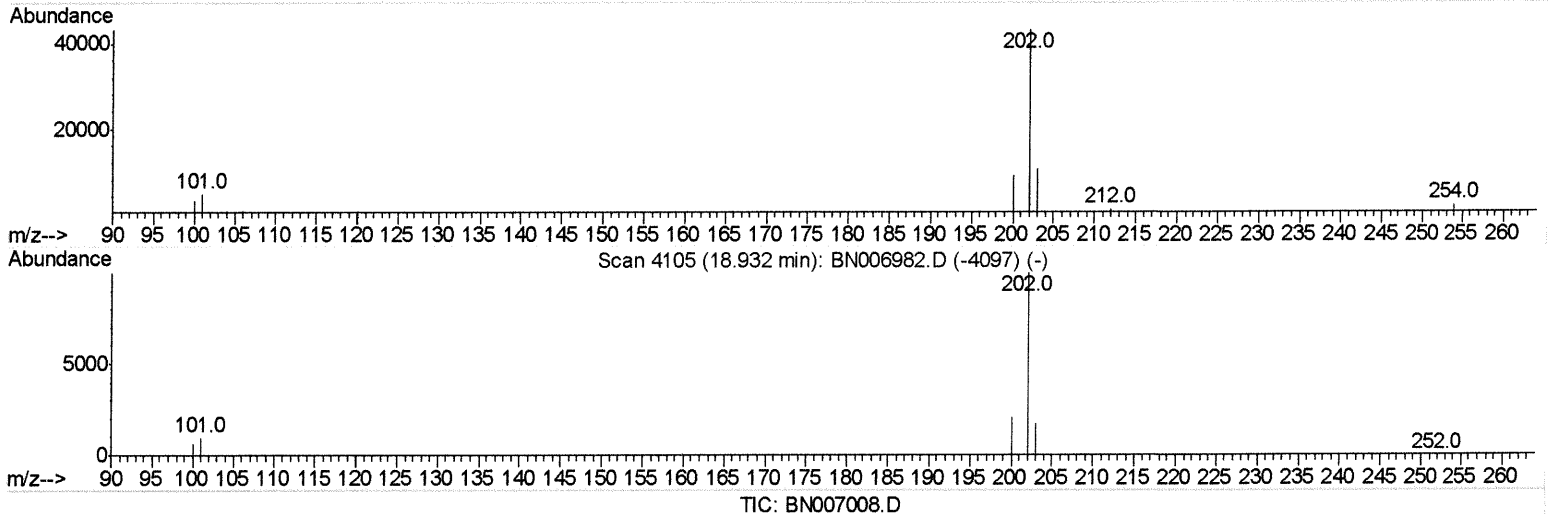
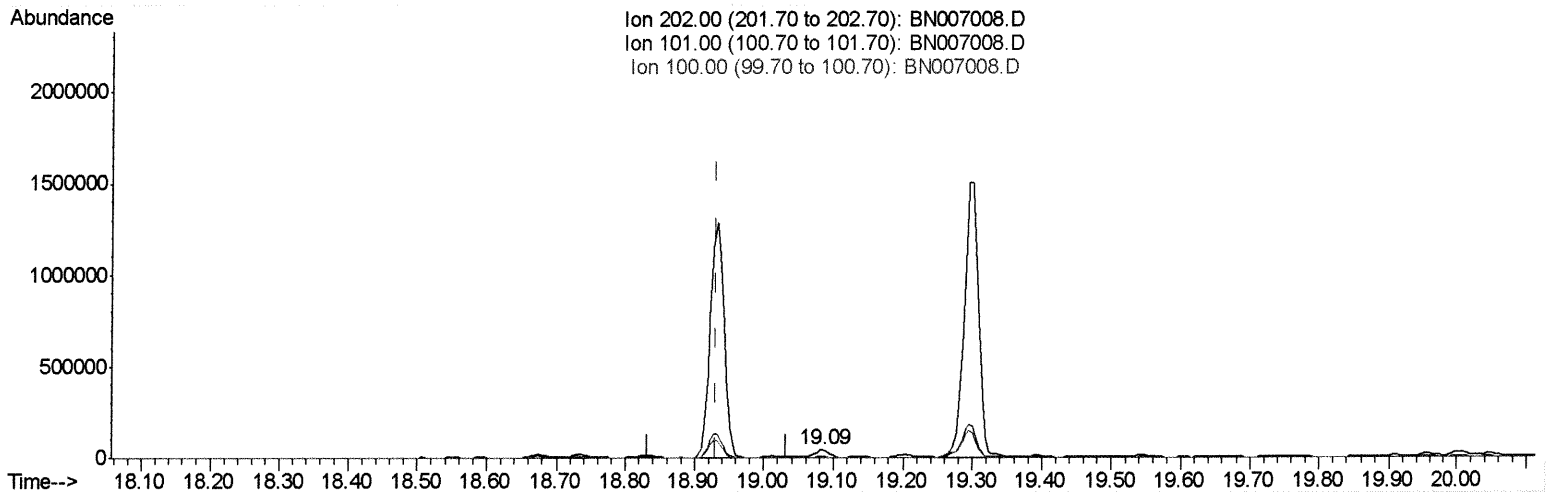
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BEP08

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 0.31ng/ul

response 53457

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.74
100.00	7.70	7.37
0.00	0.00	0.00

Quantitation Report (Qedit)

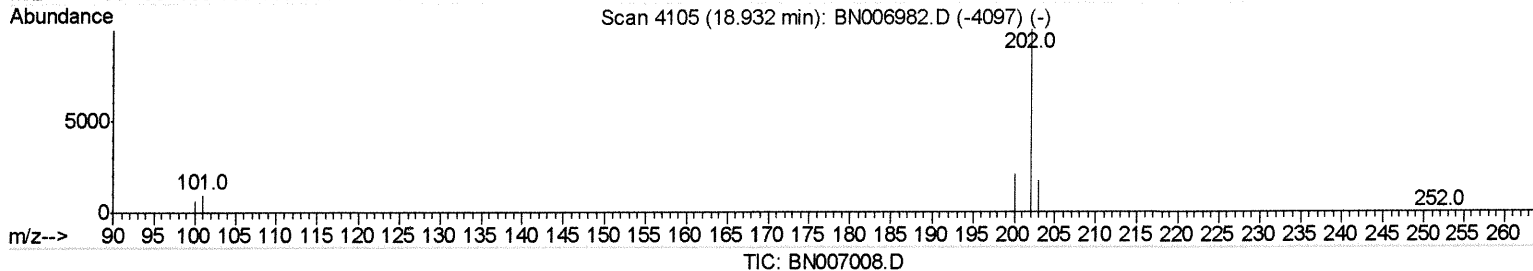
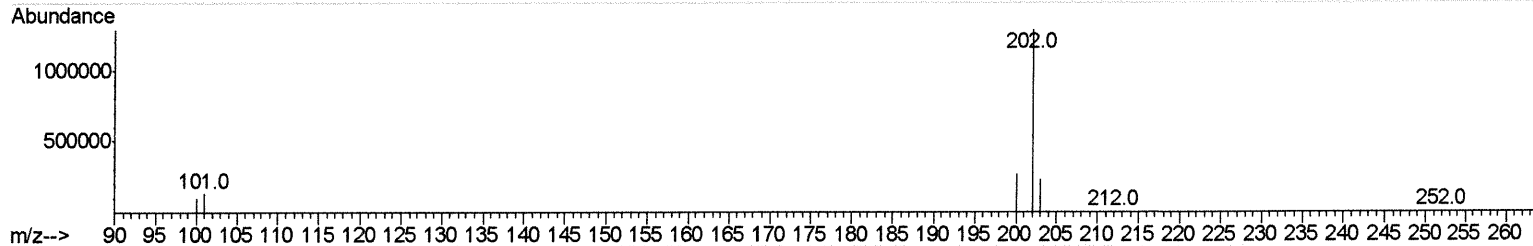
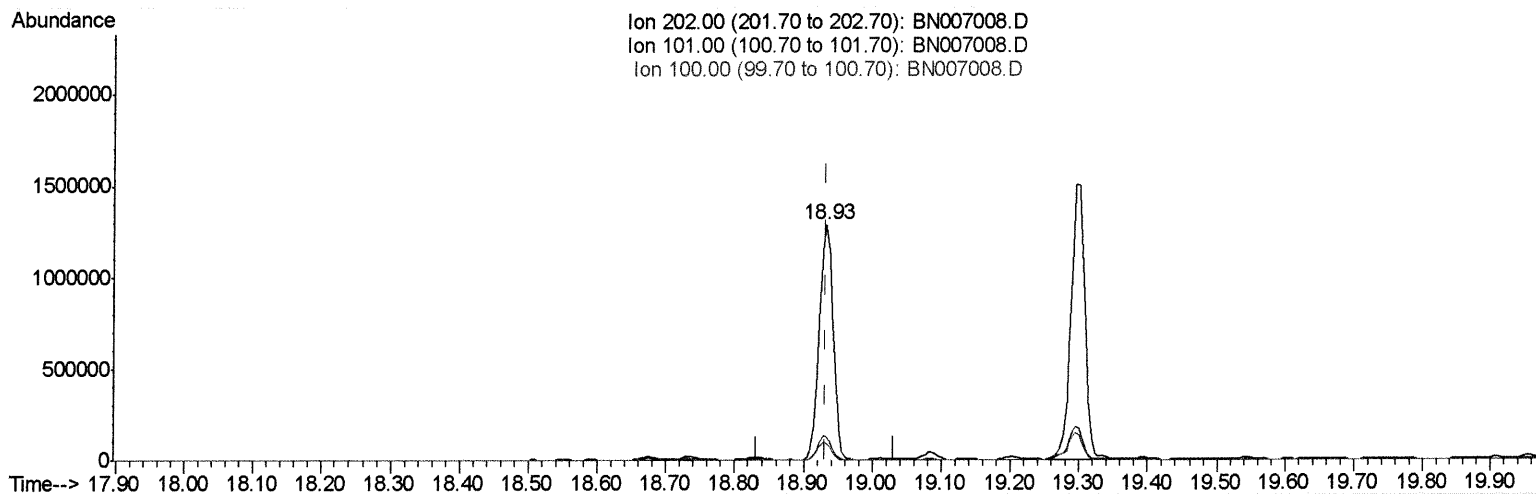
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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) 10.38ng/ul m *JU 08/09/19*

response 1799034

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.19
100.00	7.70	7.53
0.00	0.00	0.00

Quantitation Report (Qedit)

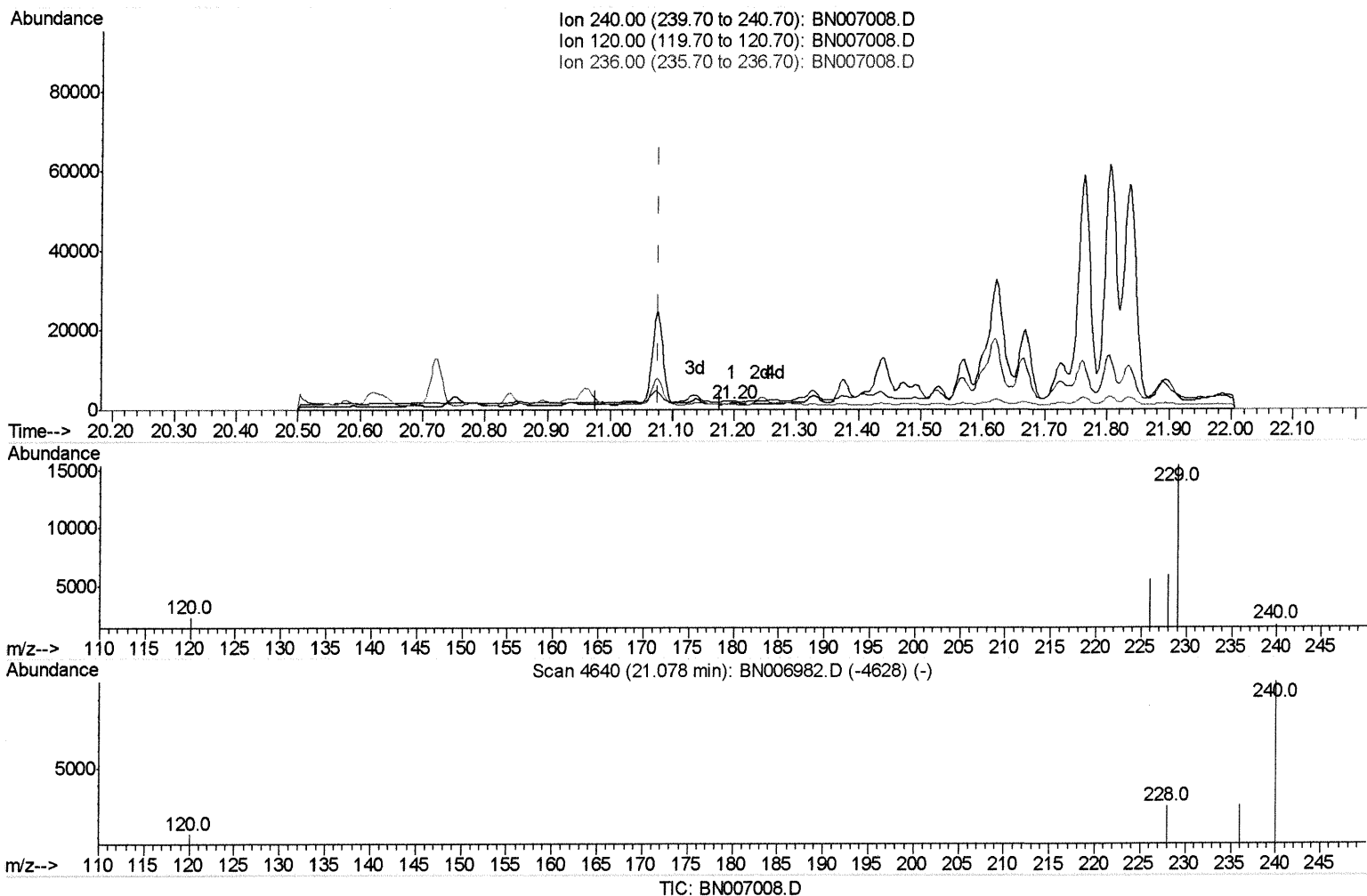
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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)

21.198min (+0.120) 0.40ng/ul

response 565

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	138.45#
236.00	29.00	87.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

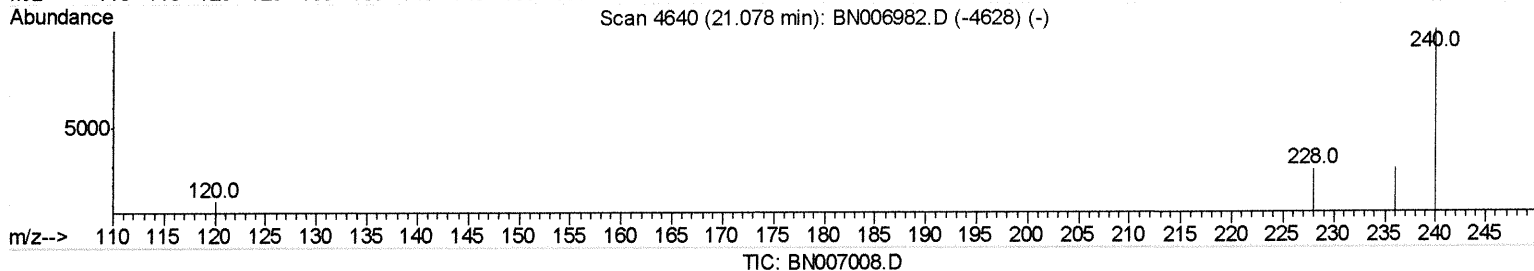
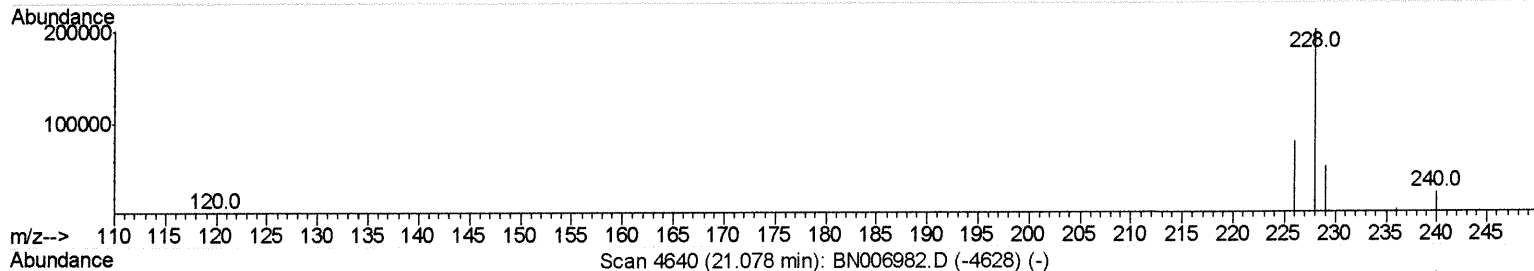
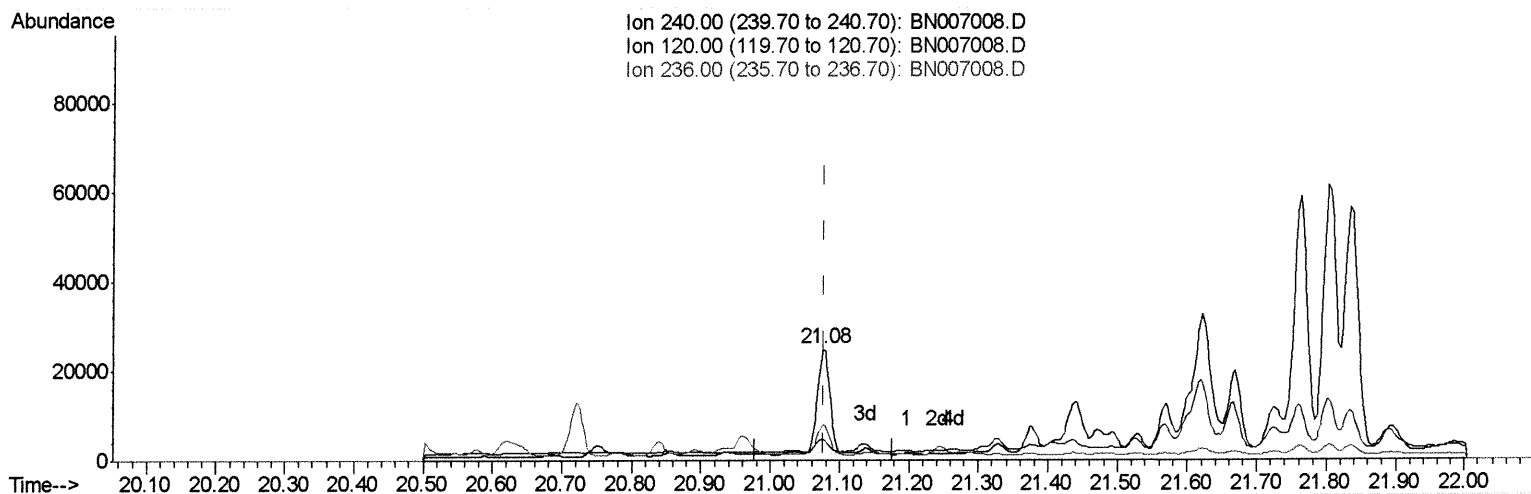
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:01:01 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 8/09/19

response 28279

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	19.41#
236.00	29.00	33.03
0.00	0.00	0.00

Quantitation Report (Qedit)

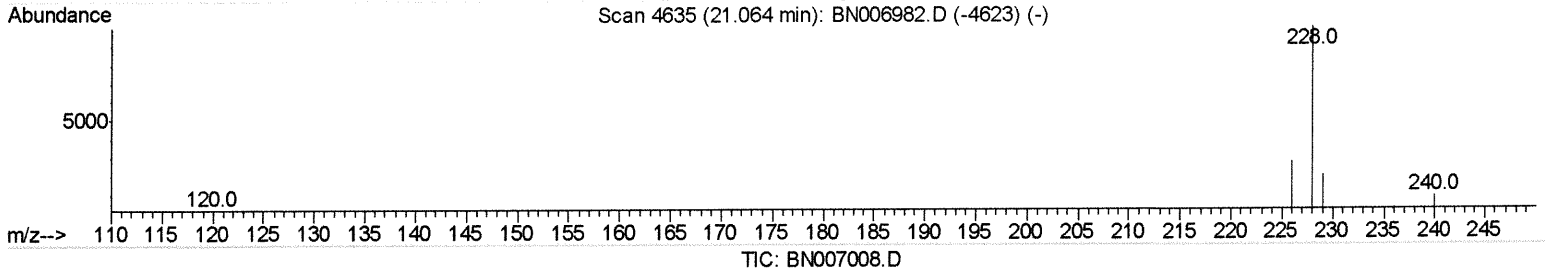
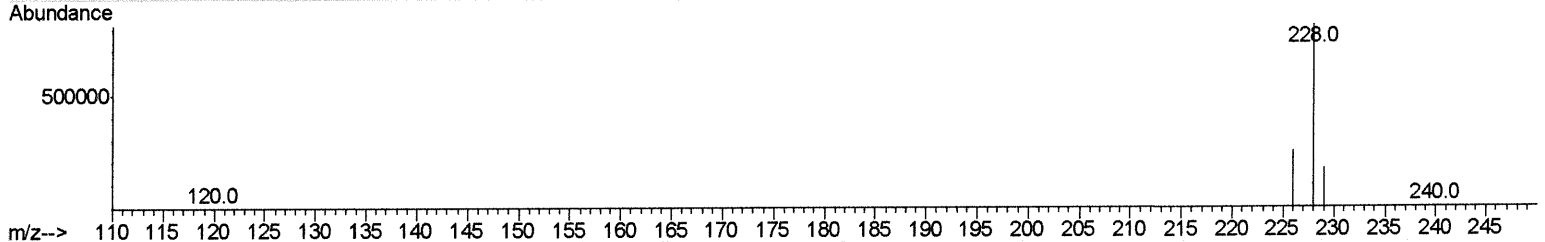
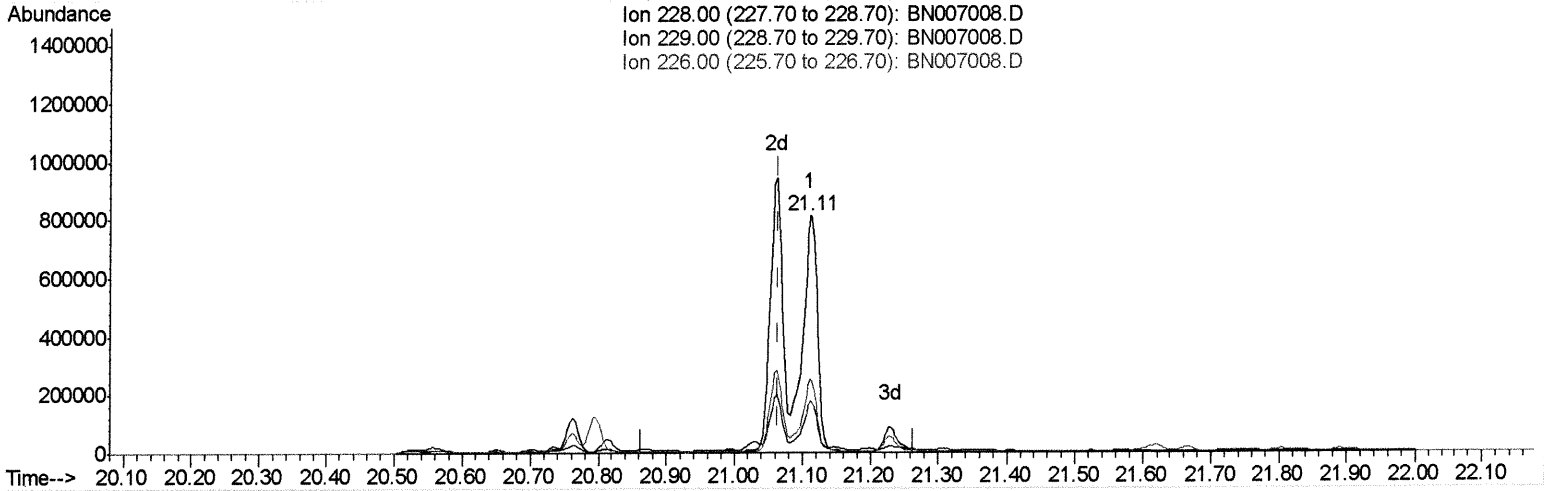
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:08:55 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) 9.75ng/ul

response 1210774

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.66
226.00	27.80	30.88
0.00	0.00	0.00

Quantitation Report (Qedit)

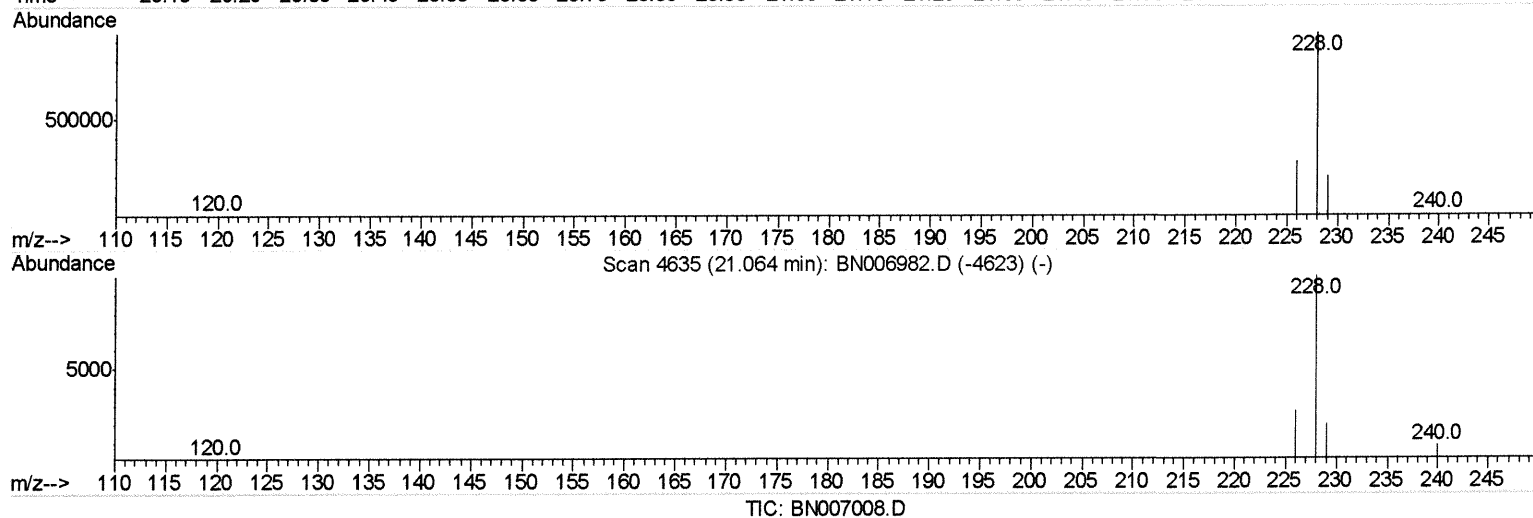
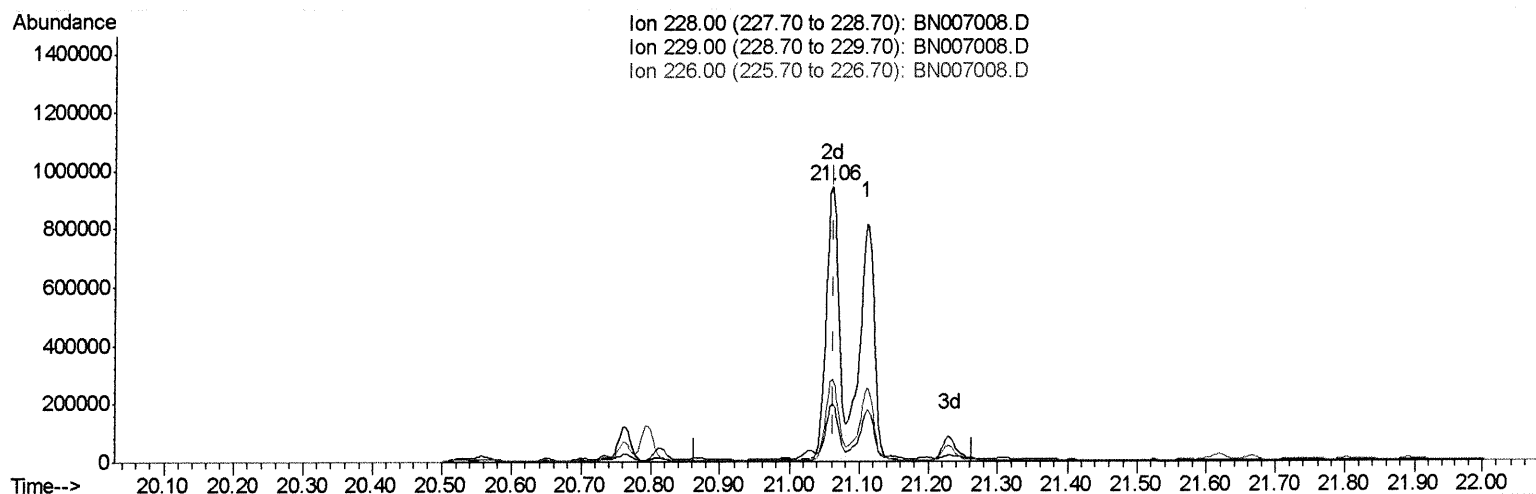
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:08:55 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) 9.51ng/ul m

JU
08/09/19

response 1181865

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.53
226.00	27.80	29.81
0.00	0.00	0.00

Quantitation Report (Qedit)

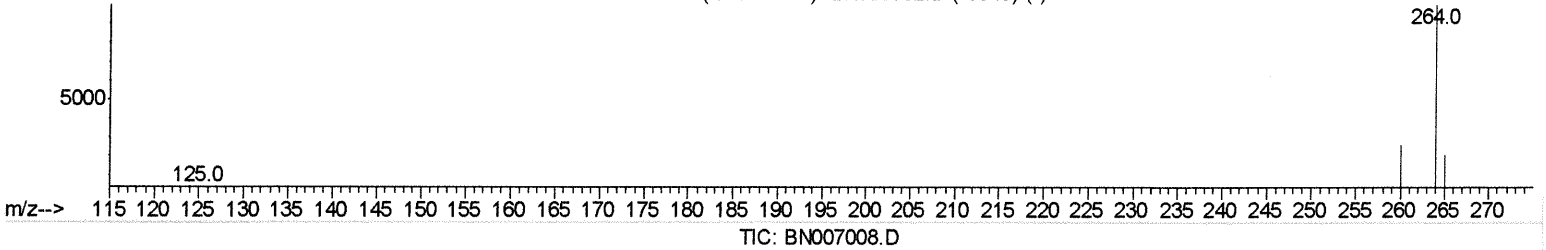
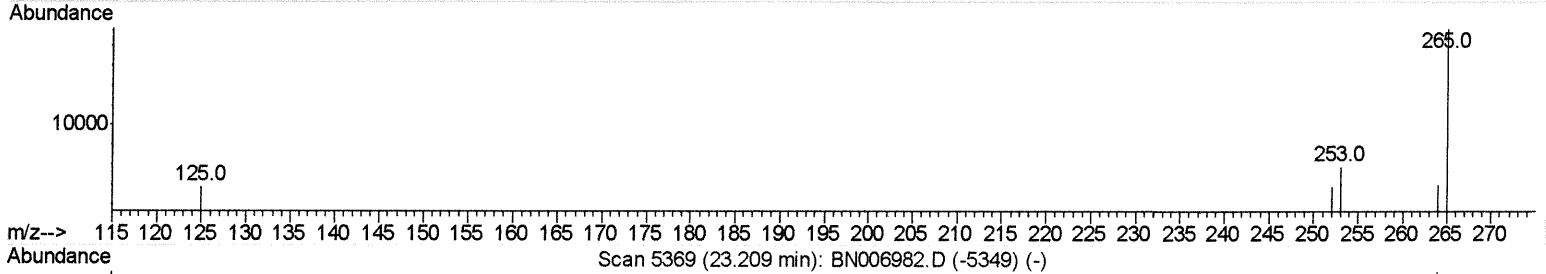
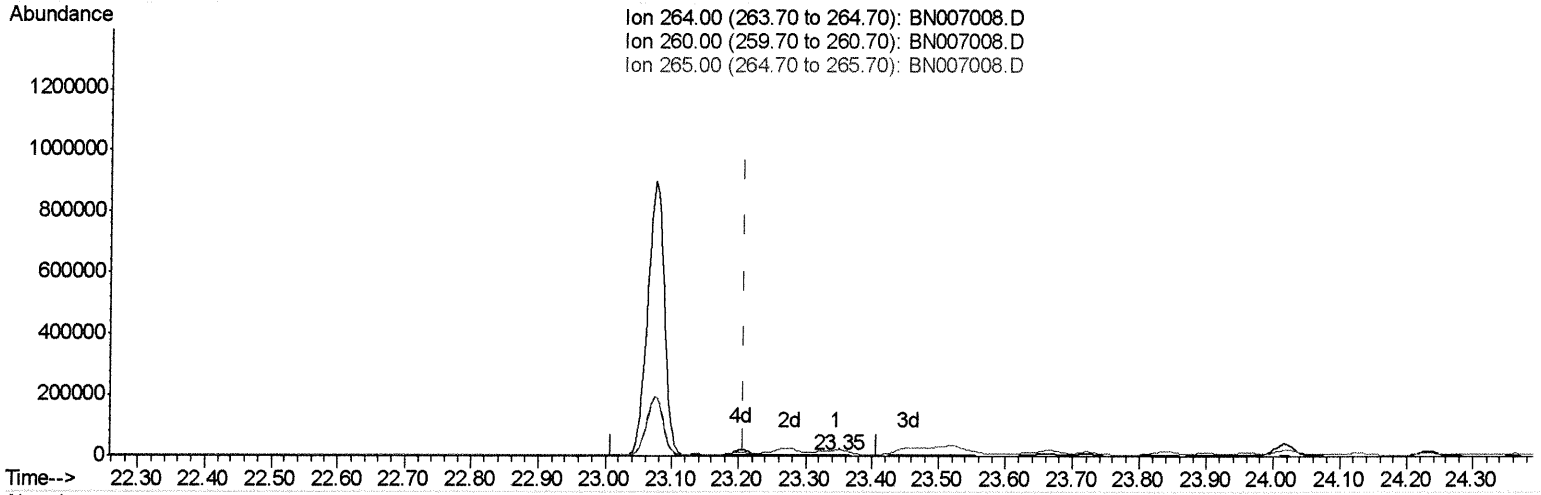
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:08:55 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)

23.346min (+0.137) 0.40ng/ul

response 8185

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	32.70#
265.00	27.80	493.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

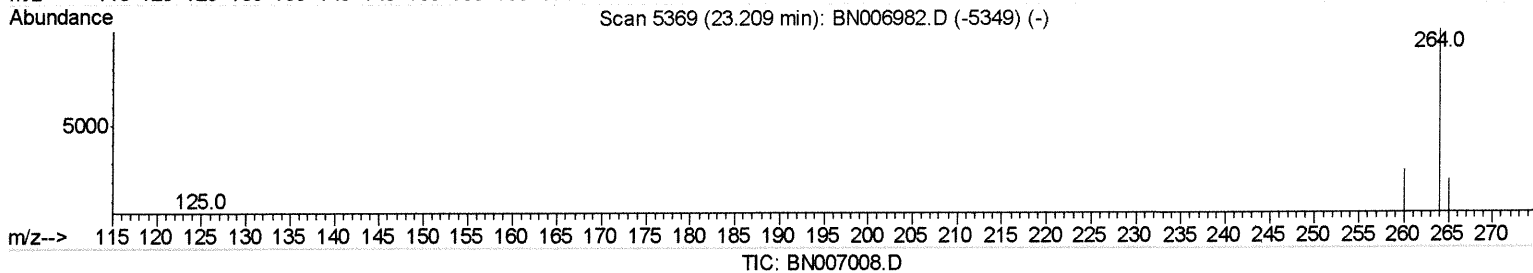
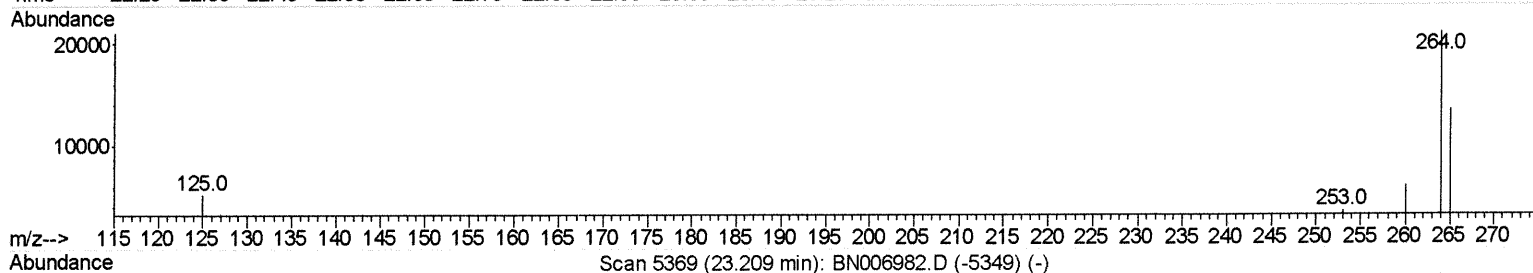
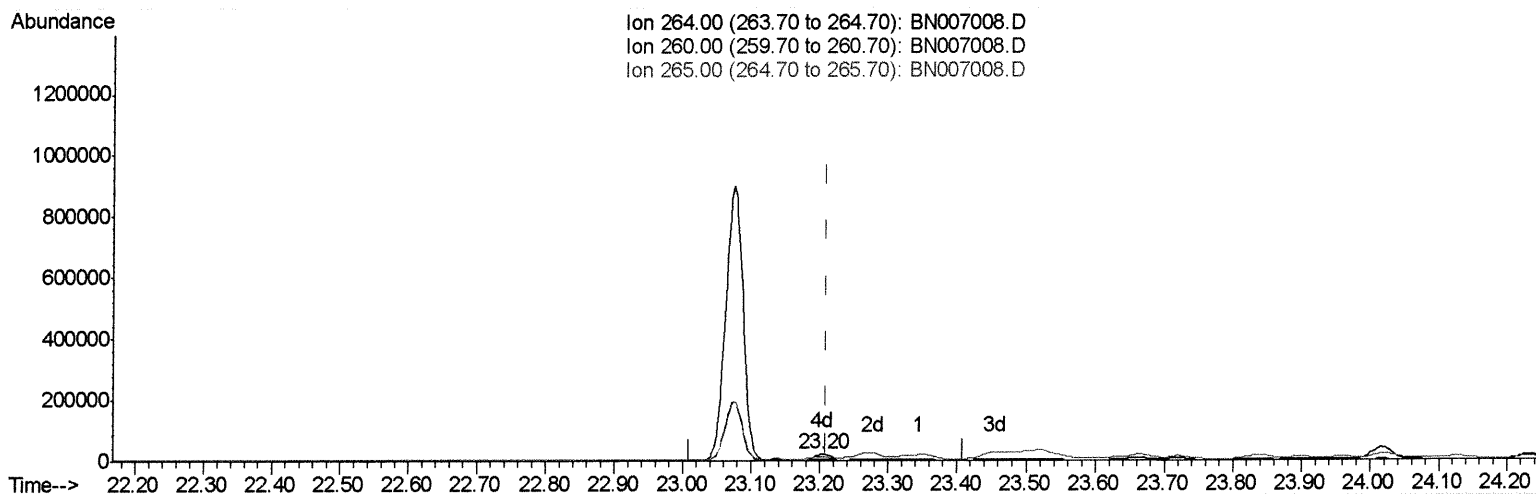
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:08:55 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

Handwritten: 50 8/09/19

response 32097

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	29.15
265.00	27.80	64.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

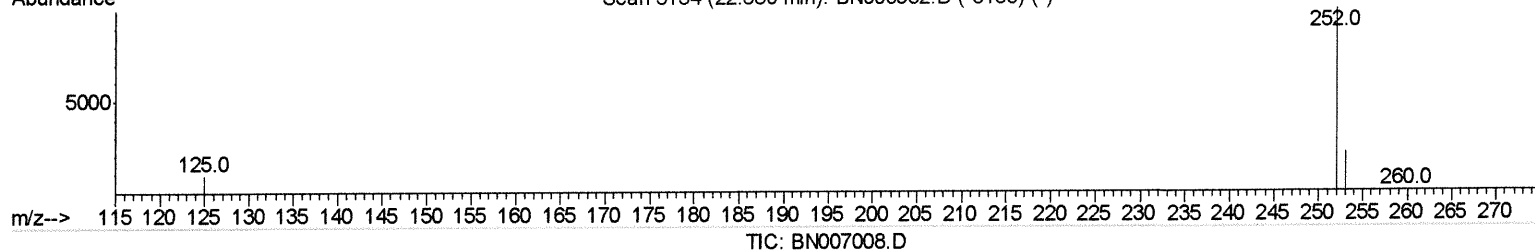
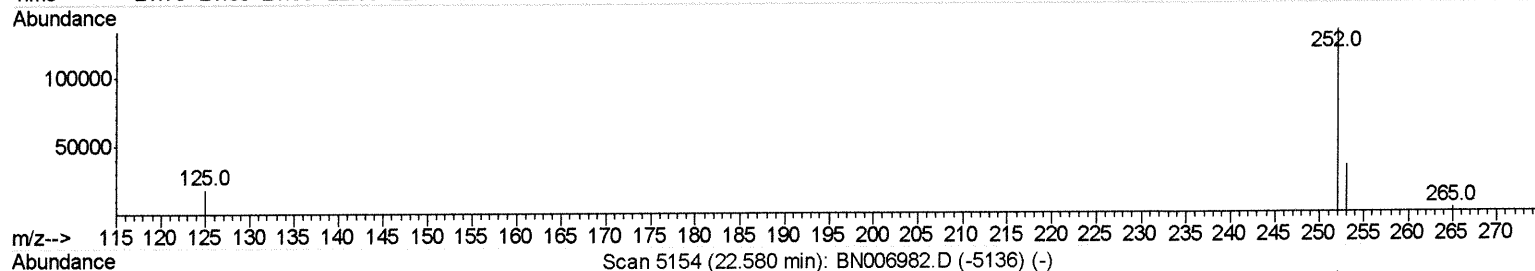
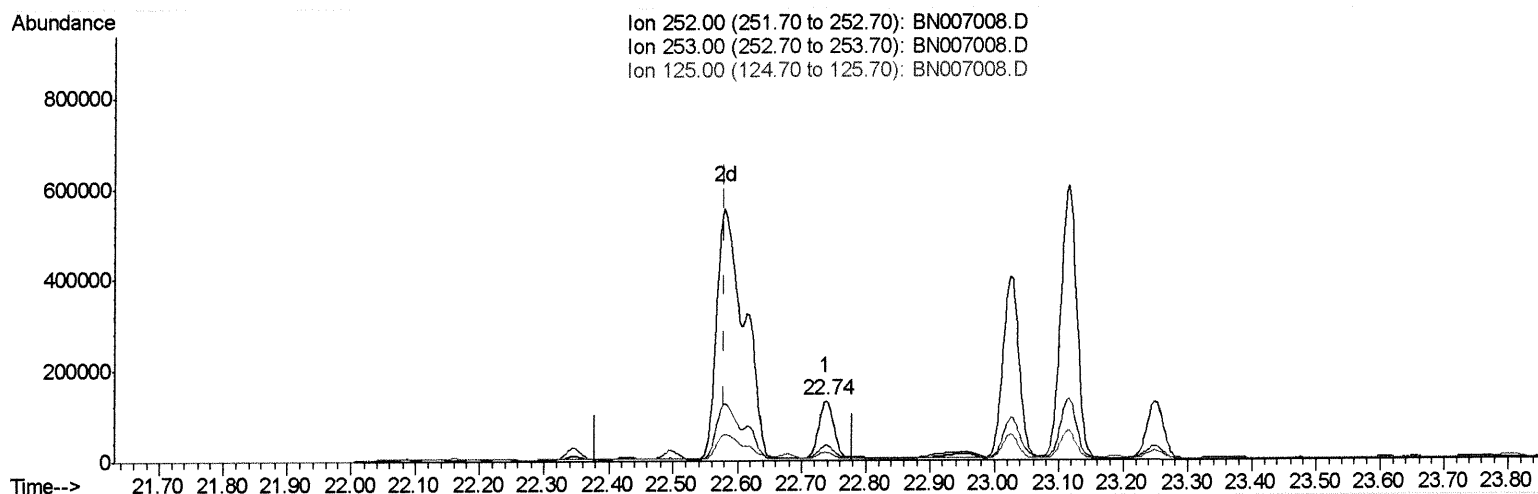
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 1.68ng/ul

response 218310

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.02
125.00	11.10	14.18
0.00	0.00	0.00

Quantitation Report (Qedit)

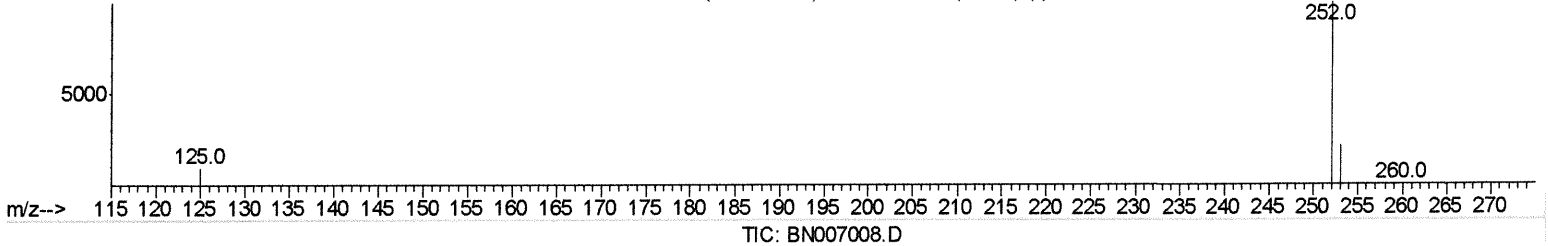
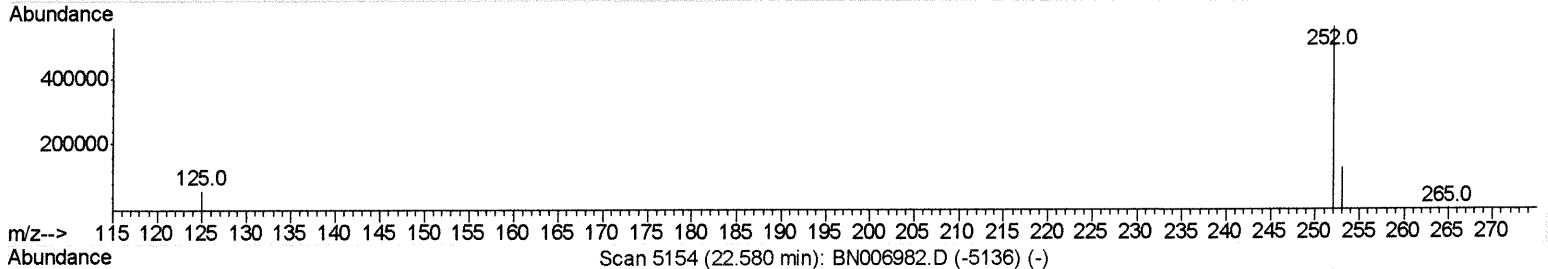
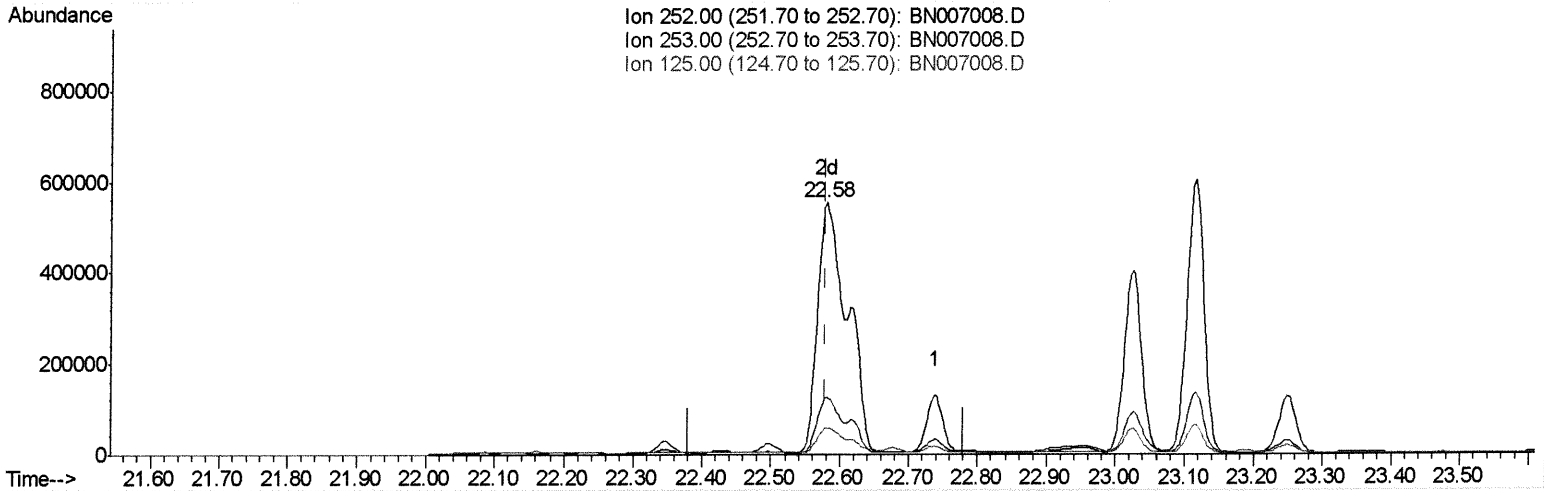
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 9.65ng/ul m

JU
08/09/19

response 1255978

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.97
125.00	11.10	10.50
0.00	0.00	0.00

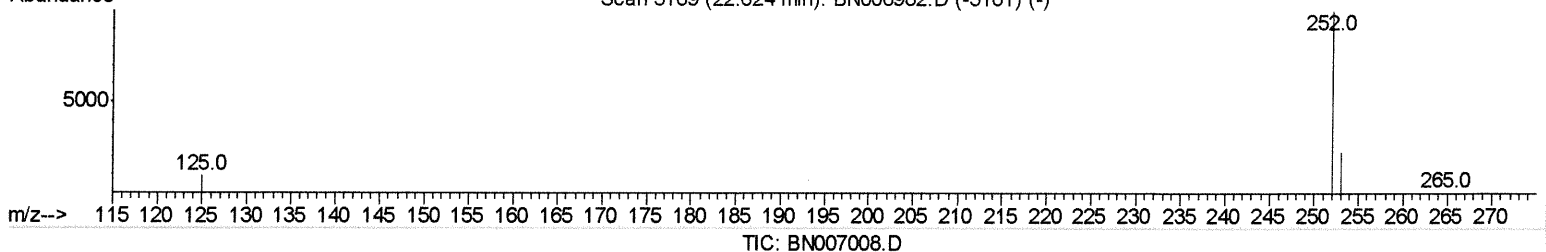
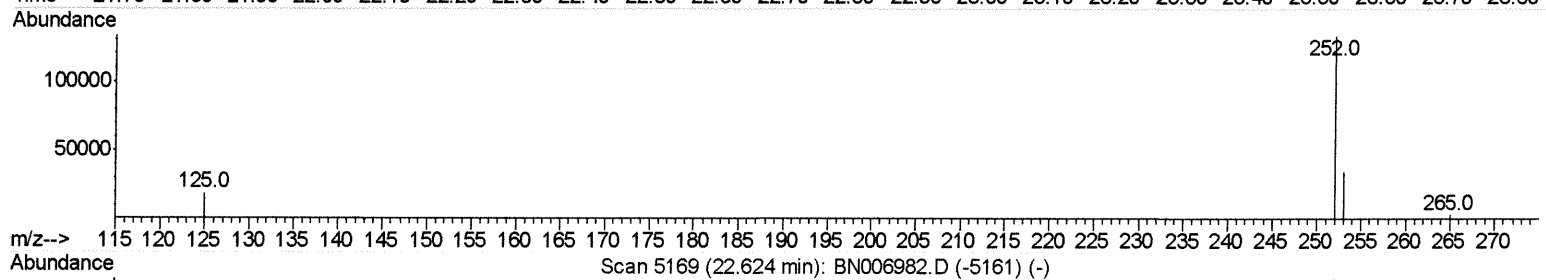
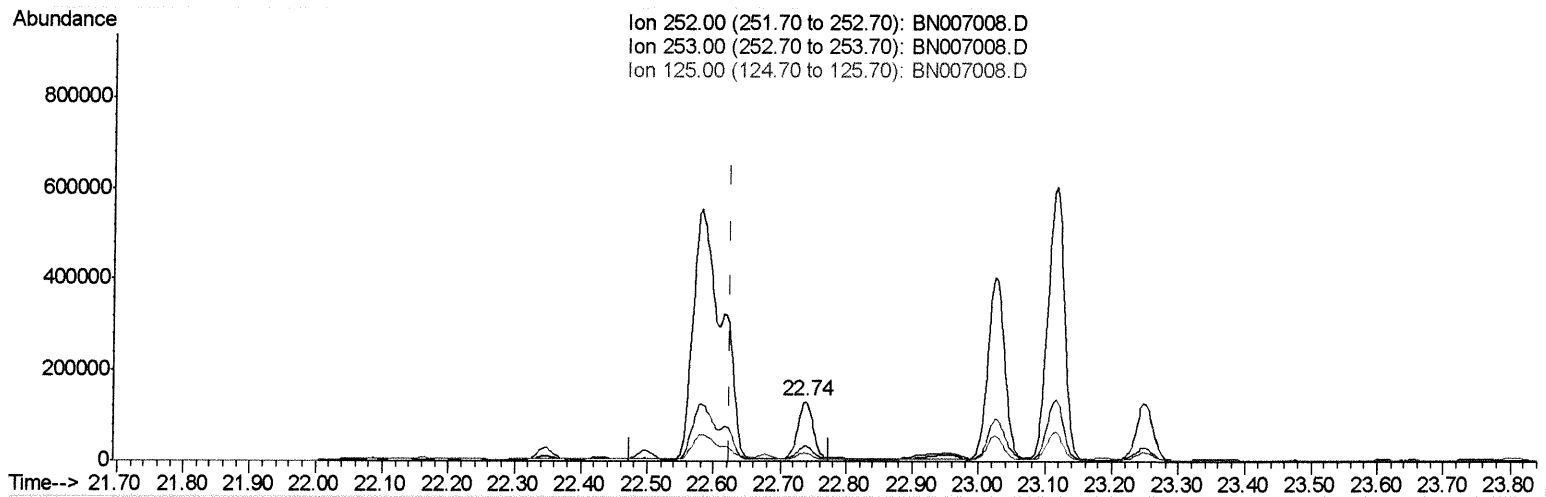
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007008.D
Acq On : 08 Aug 2019 04:29
Operator : HP/JU
Sample : K3962-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP08

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 1.73ng/ul

response 217726

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.02
125.00	10.90	14.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

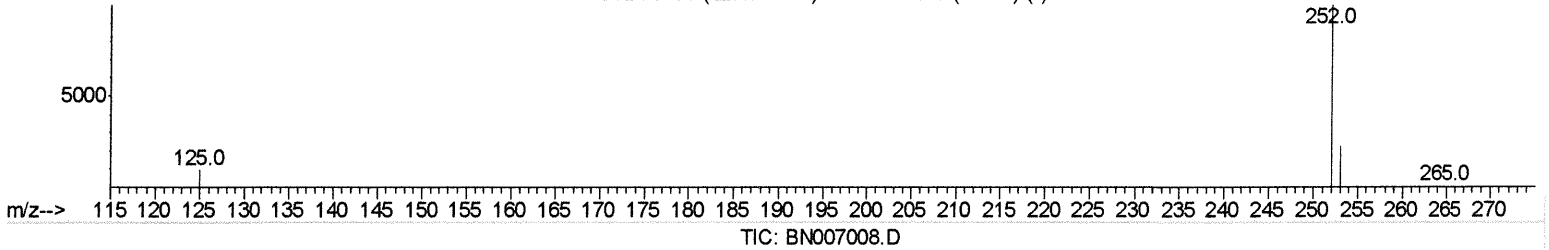
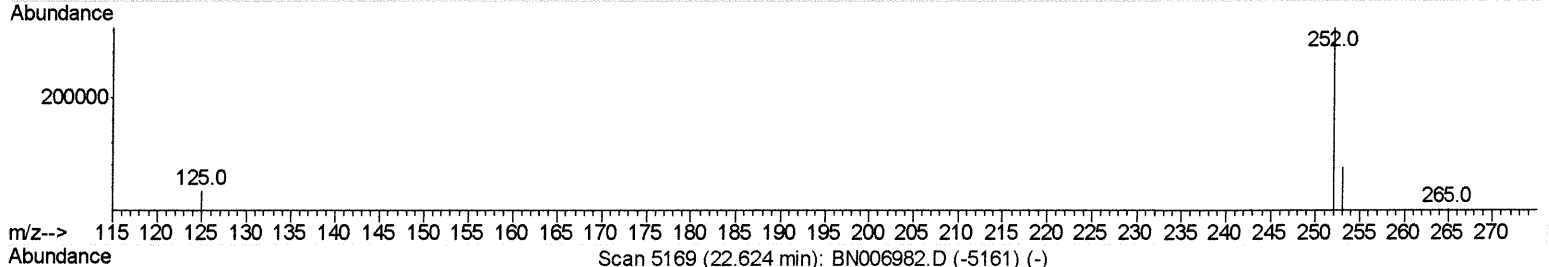
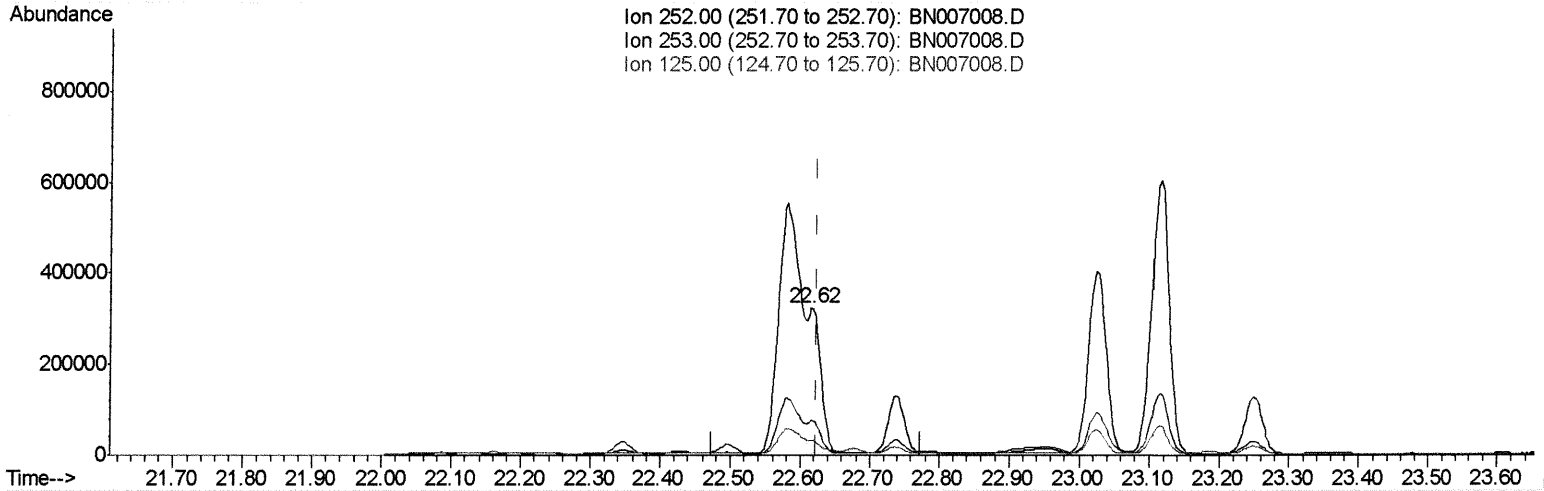
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 3.02ng/ul m

JU
 08/09/19

response 381329

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.56
125.00	10.90	10.58
0.00	0.00	0.00

Quantitation Report (Qedit)

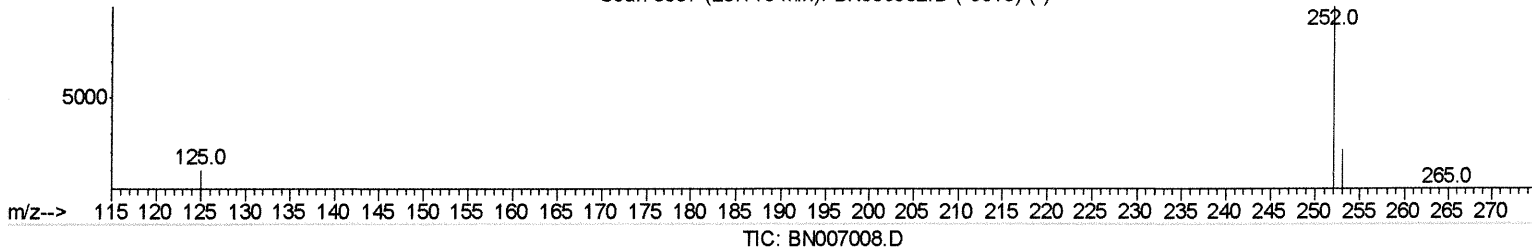
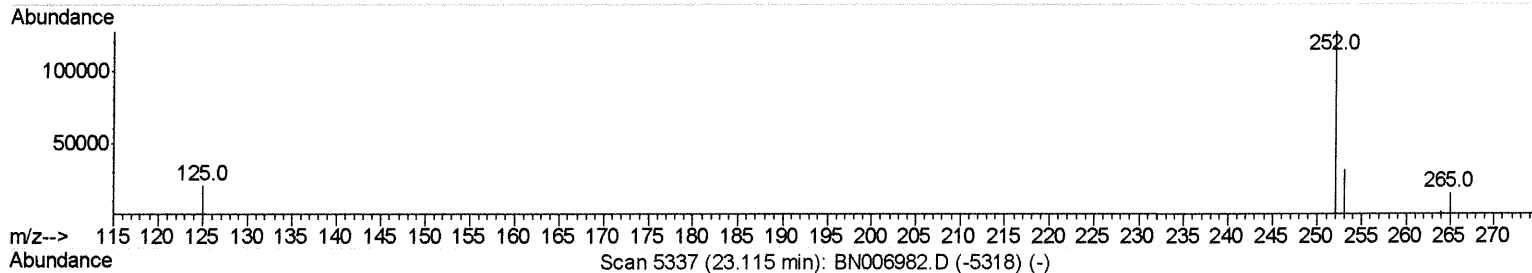
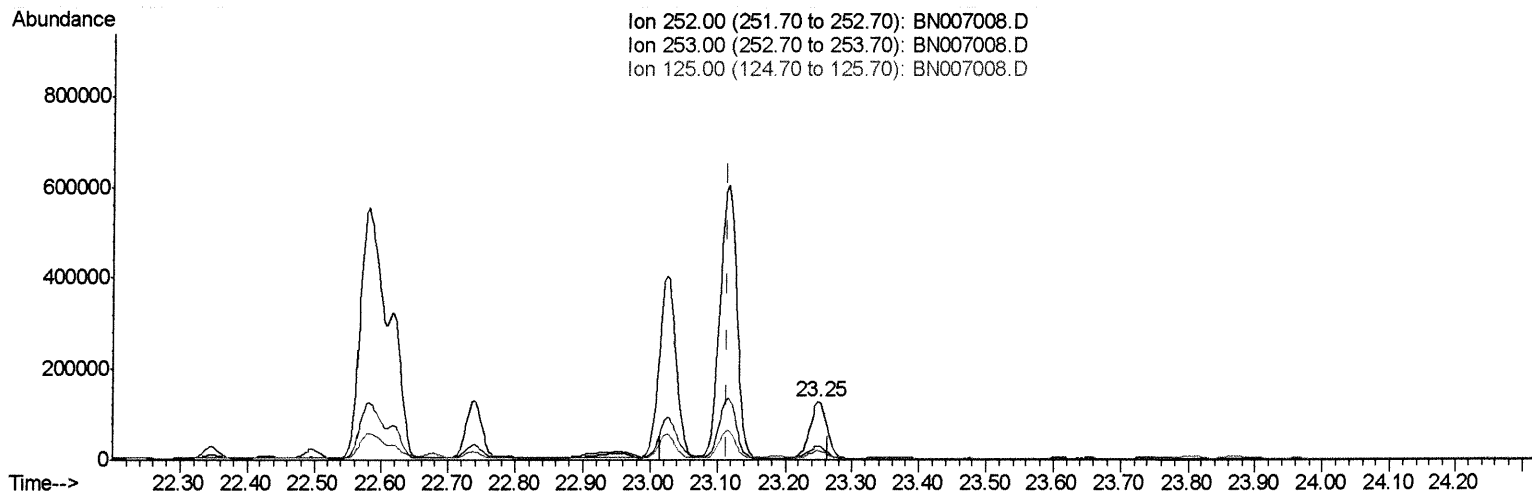
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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)

23.250min (+0.134) 1.82ng/ui

response 223576

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.49
125.00	12.50	16.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

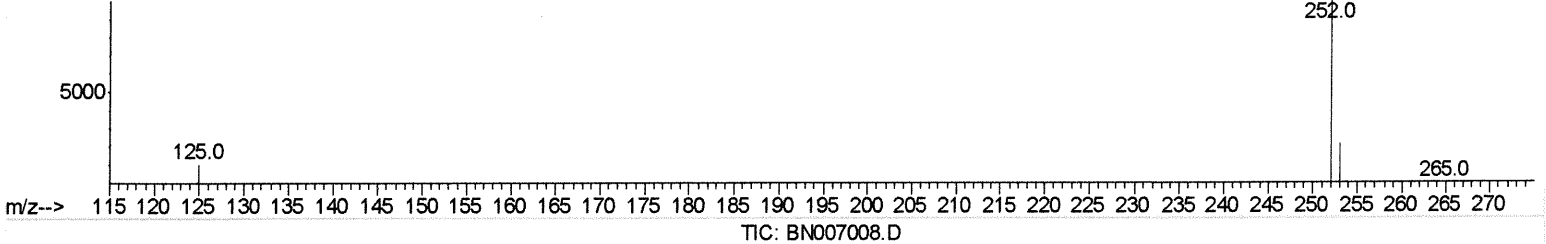
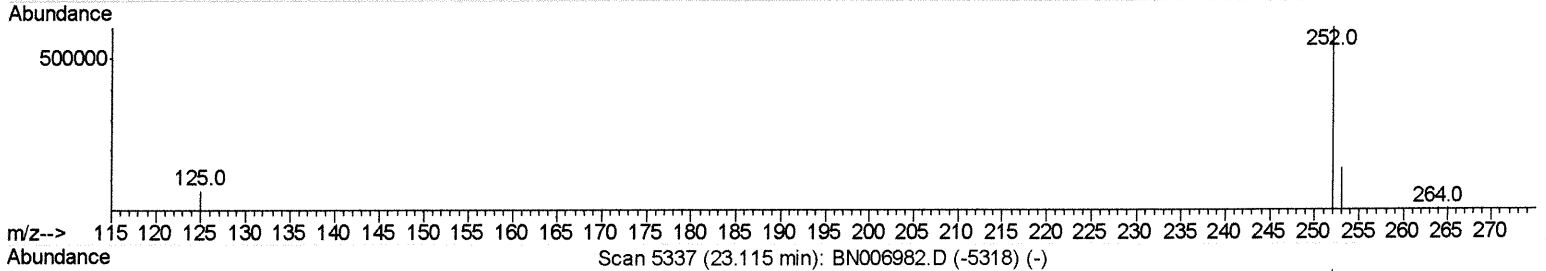
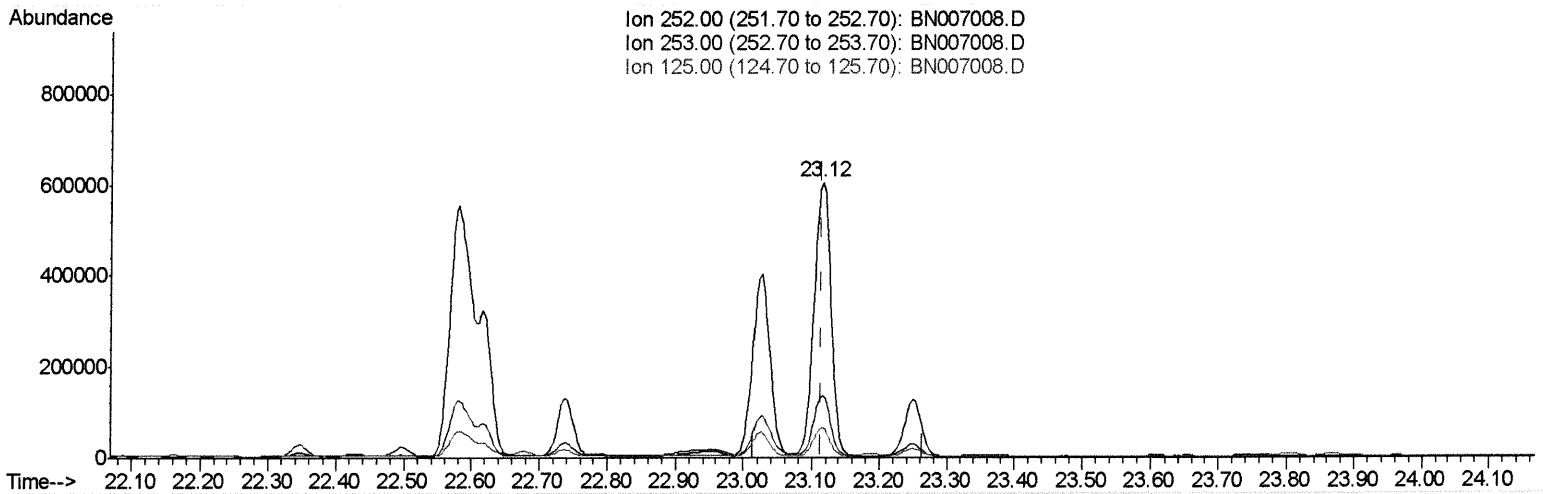
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
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mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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)

23.115min (-0.000) 8.51ng/ul m

JU
08/09/19

response 1043082

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.74
125.00	12.50	10.71
0.00	0.00	0.00

Quantitation Report (Qedit)

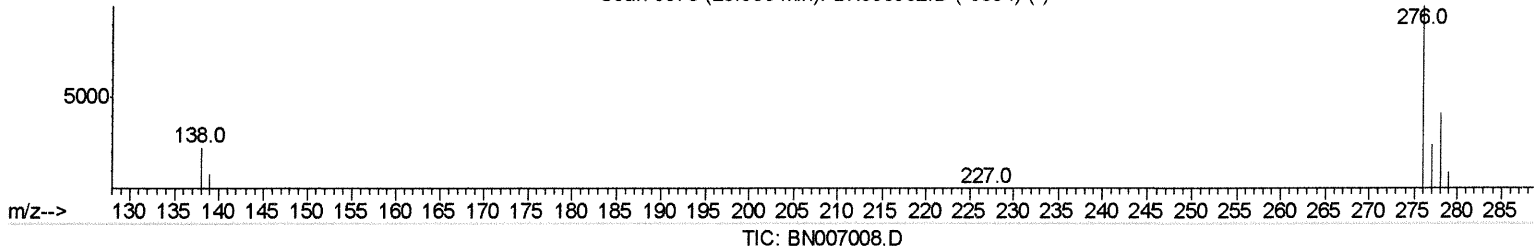
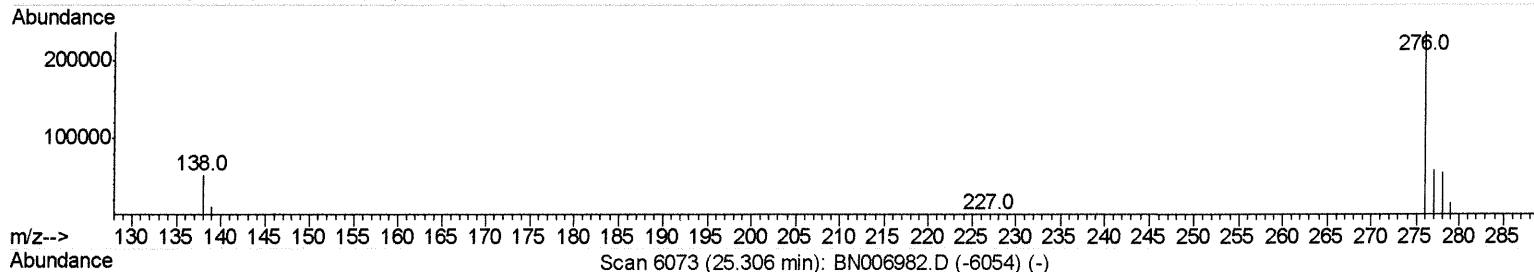
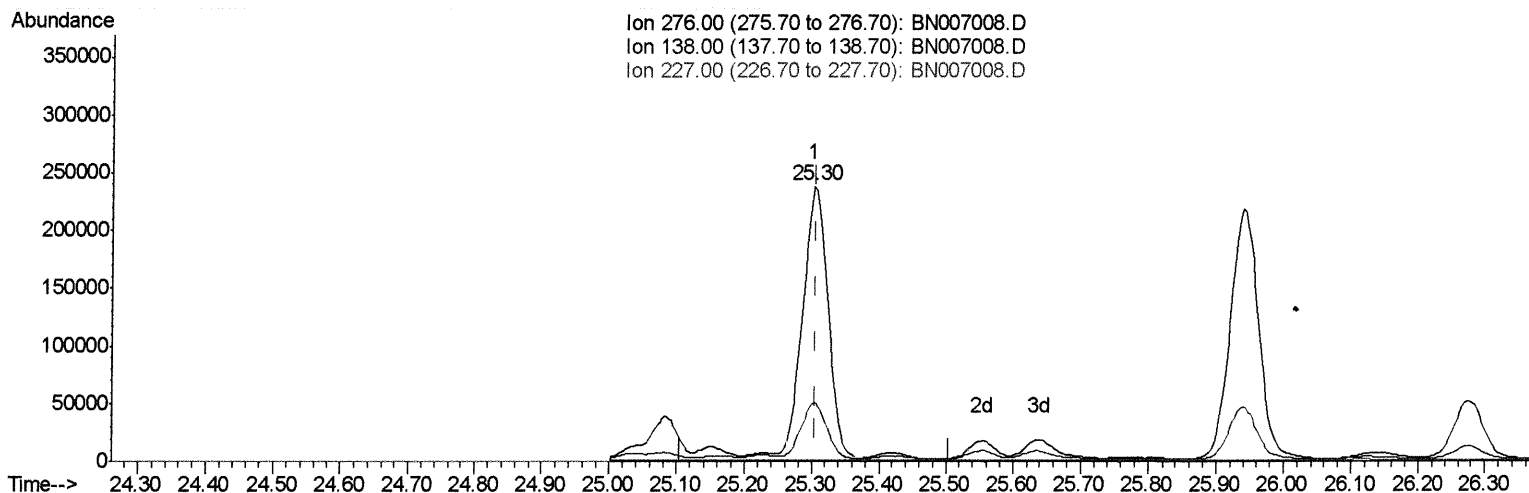
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BEP08

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 4.57ng/ul

response 604212

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.41
227.00	0.30	0.28
0.00	0.00	0.00

Quantitation Report (Qedit)

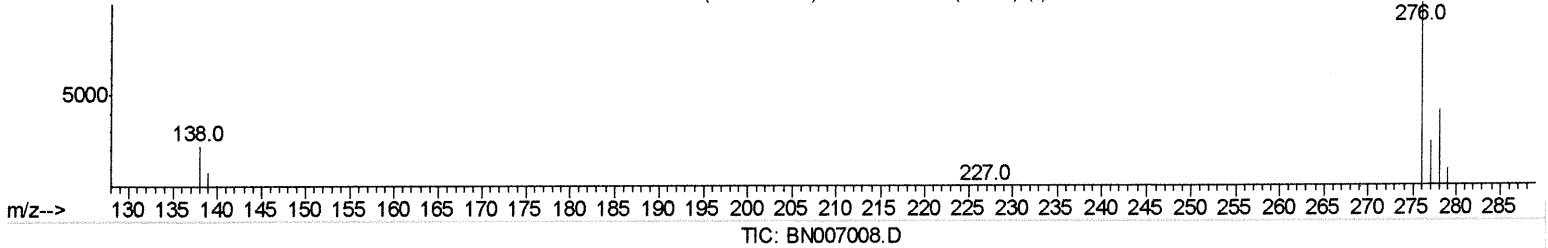
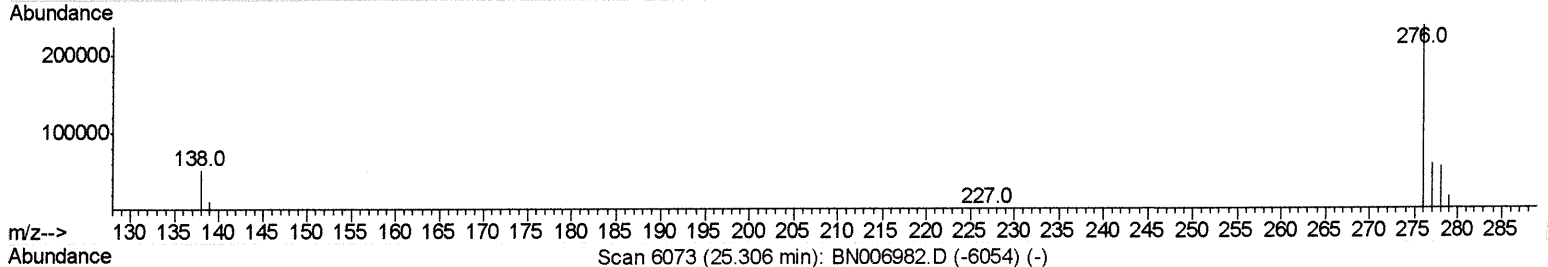
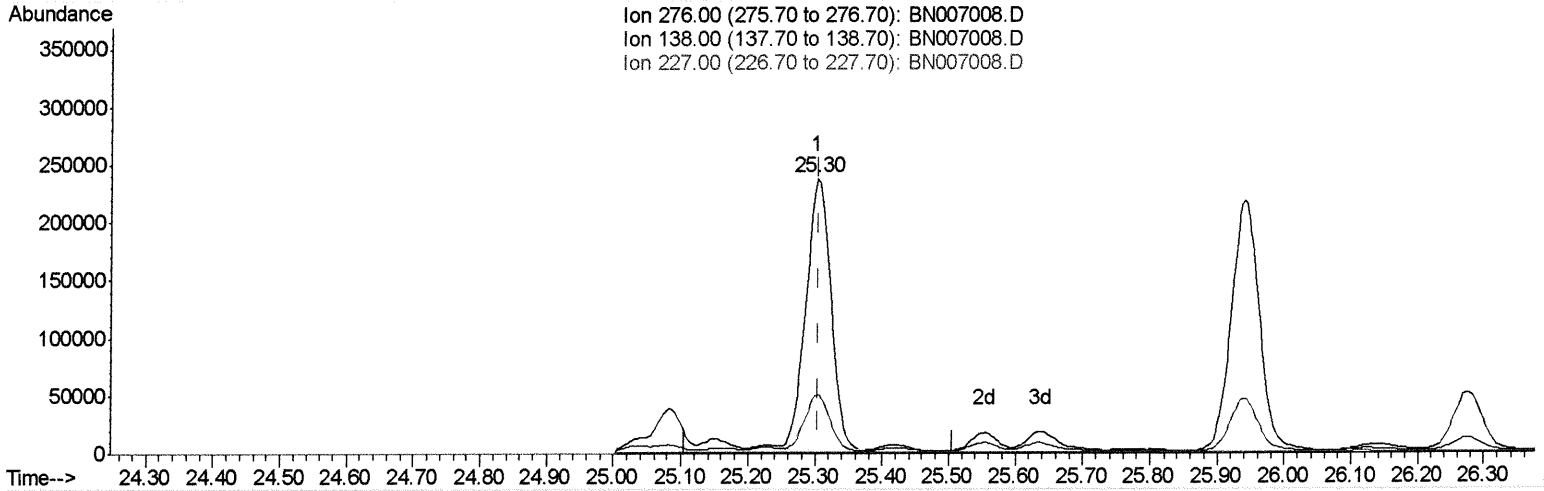
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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) 4.64ng/ul m

response 612208

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	21.13
227.00	0.30	0.27
0.00	0.00	0.00

JU
 8/9/19

Quantitation Report (Qedit)

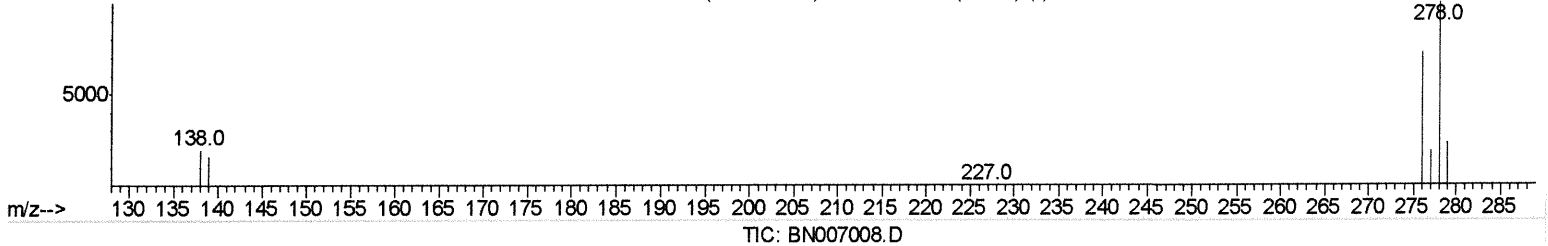
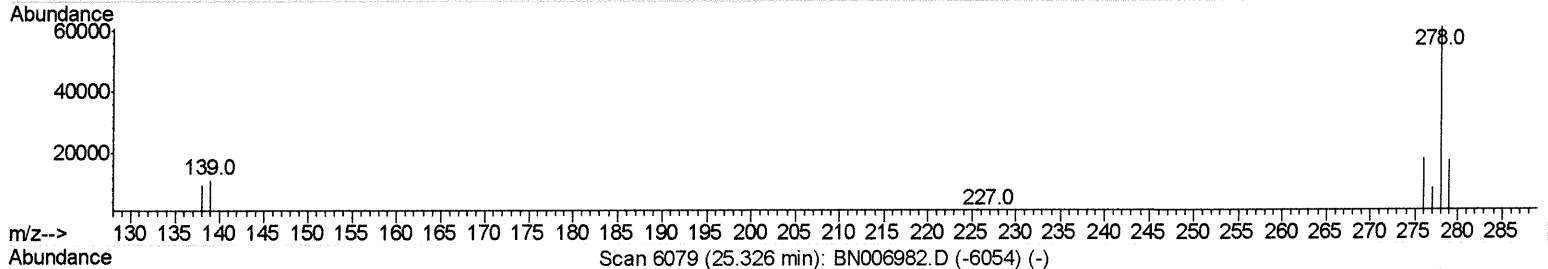
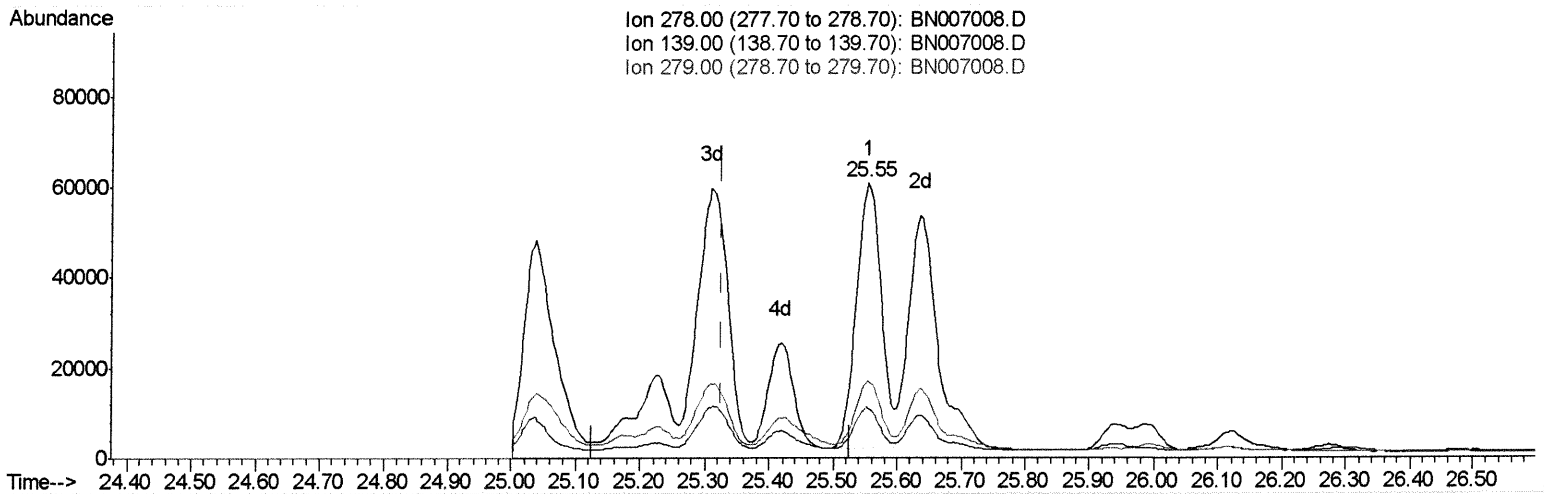
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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

25.554min (+0.228) 1.52ng/ul

response 160751

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	18.22
279.00	24.50	28.03
0.00	0.00	0.00

Quantitation Report (Qedit)

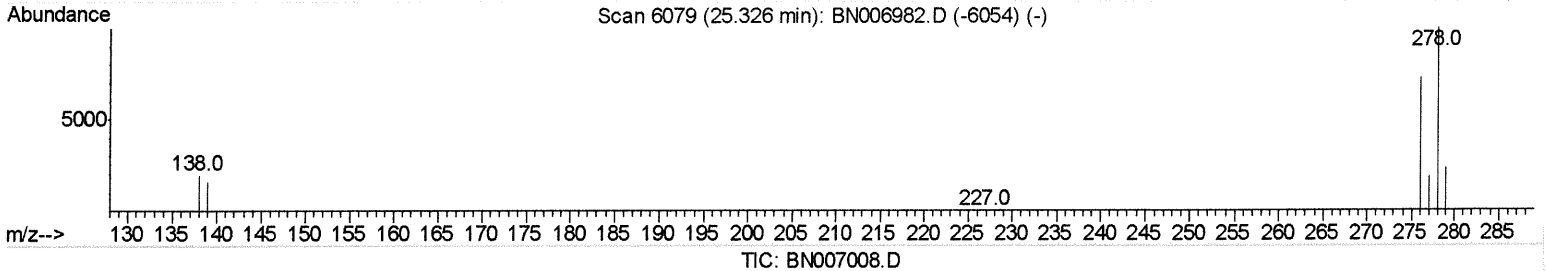
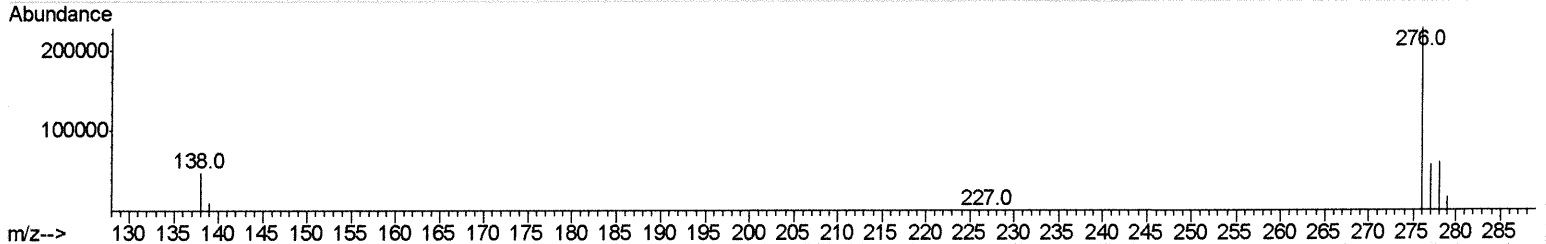
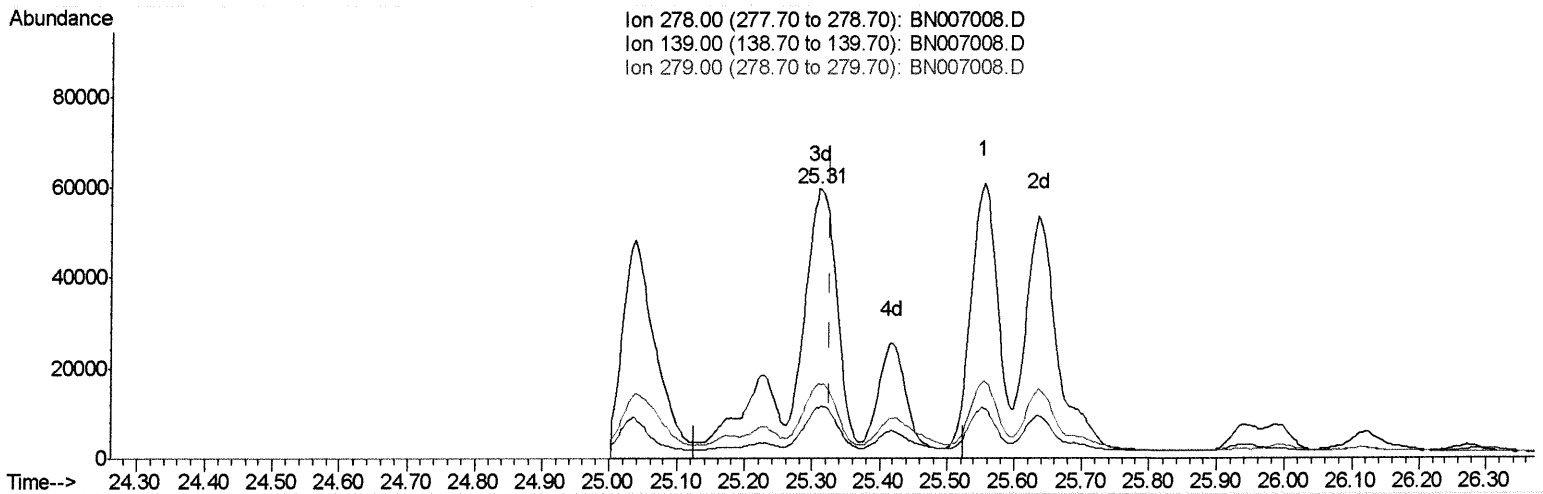
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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



(25) Dibenzo(a,h)anthracene

25.309min (-0.017) 1.69ng/ul m

JU
 08/09/19

response 178030

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	18.68
279.00	24.50	28.03
0.00	0.00	0.00

Quantitation Report (Qedit)

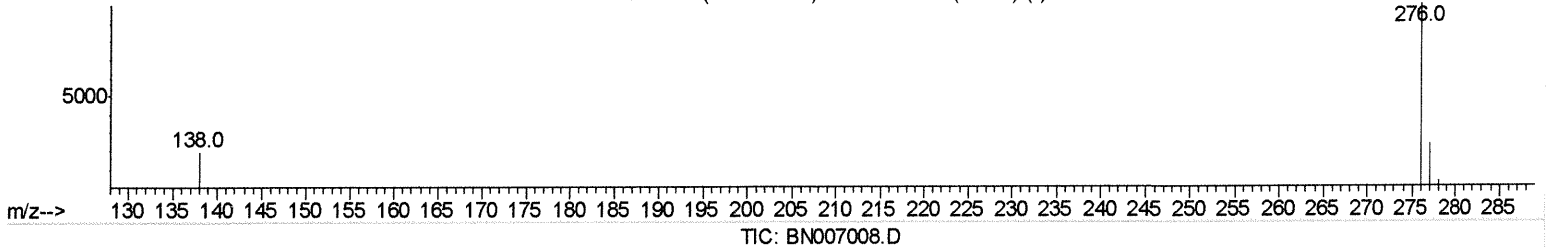
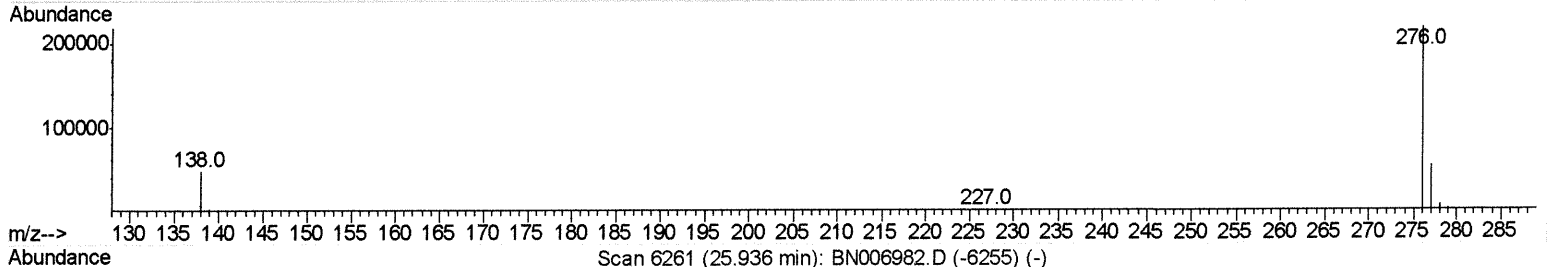
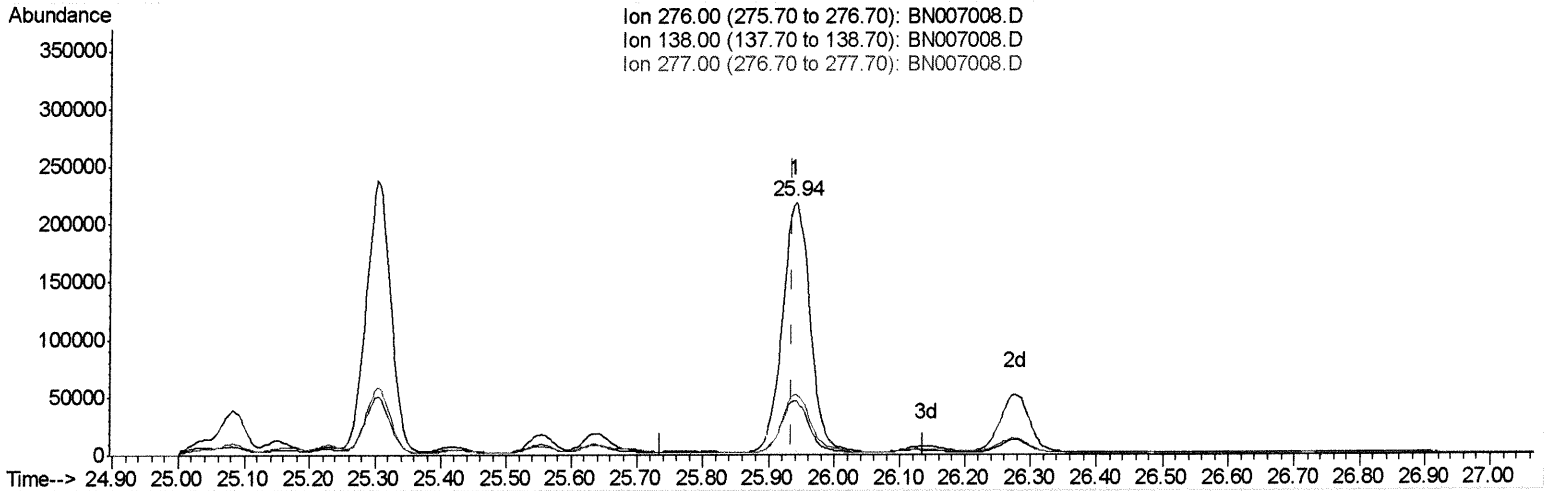
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 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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

25.940min (+0.003) 5.65ng/ul

response 626278

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.45
277.00	24.10	24.23
0.00	0.00	0.00

Quantitation Report (Qedit)

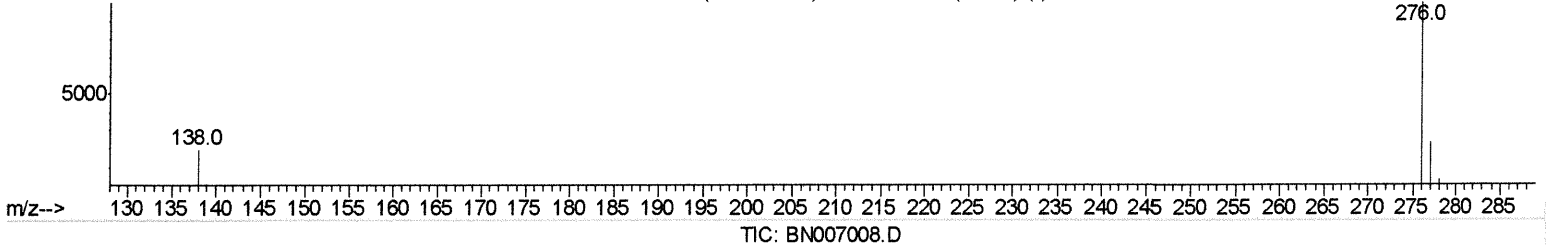
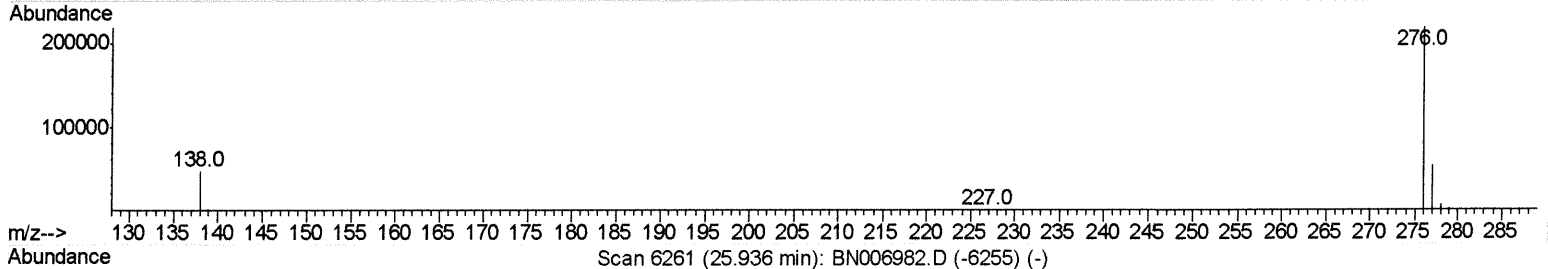
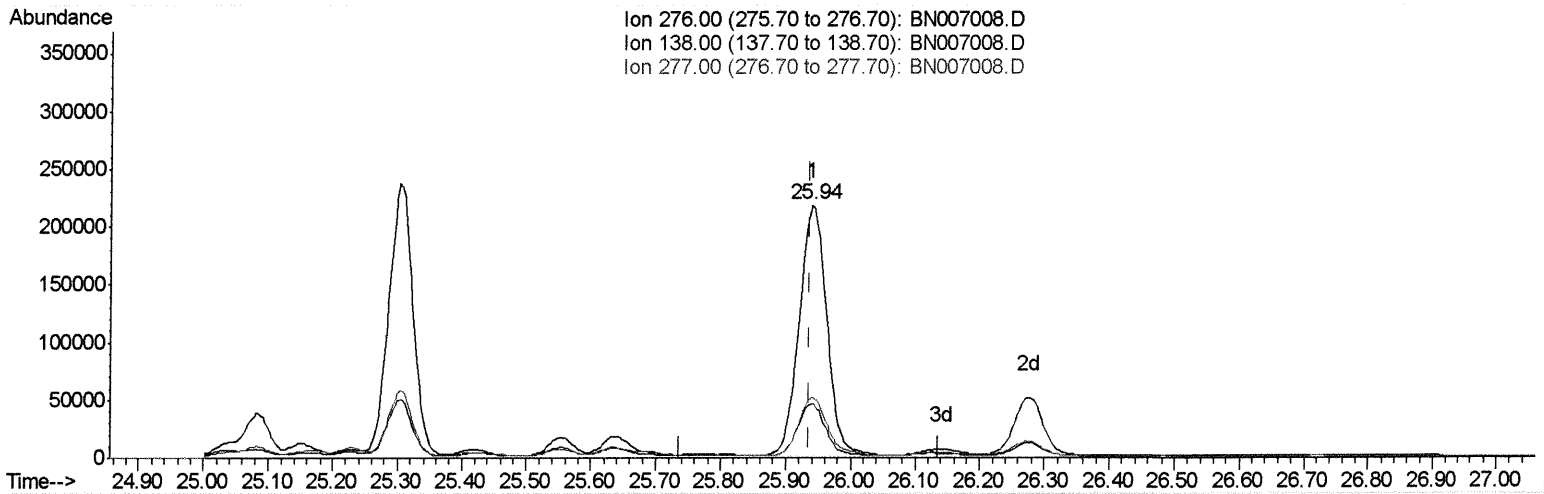
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:09:57 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

25.940min (+0.003) 5.78ng/ul m

JU
08/09/19

response 640010

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.45
277.00	24.10	24.23
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007008.D
 Acq On : 08 Aug 2019 04:29
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:52 AM

Quant Time: Aug 08 08:12:42 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	9274	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	20220	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	43746m →	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	28279m →	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	32097m →	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	11.83	152	11208	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	25821m →	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.28	128	31768	0.309	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	22663	0.293	ng/ul	100
7) Acenaphthylene	13.83	152	66117	0.564	ng/ul	99
8) Acenaphthene	14.18	153	49599	0.619	ng/ul	100
9) Fluorene	15.17	166	53128	0.547	ng/ul	99
11) Pentachlorophenol	16.52	266	835m →	0.069	ng/ul	99
12) Phenanthrene	16.90	178	1109729m →	7.960	ng/ul	99
13) Anthracene	16.99	178	241934m →	1.696	ng/ul	99
15) Fluoranthene	18.93	202	1799034m →	10.382	ng/ul	99
17) Pyrene	19.30	202	2145718	16.996	ng/ul	100
18) Benzo(a)anthracene	21.06	228	1181865m →	9.514	ng/ul	98
19) Chrysene	21.11	228	1210774	10.408	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	1255978m →	9.652	ng/ul	99
22) Benzo(k)fluoranthene	22.62	252	381329m →	3.023	ng/ul	99
23) Benzo(a)pyrene	23.12	252	1043082m →	8.514	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	612208m →	4.635	ng/ul	99
25) Dibenzo(a,h)anthracene	25.31	278	178030m →	1.688	ng/ul	99
26) Benzo(a,h,i)perylene	25.94	276	640010m →	5.777	ng/ul	99

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