

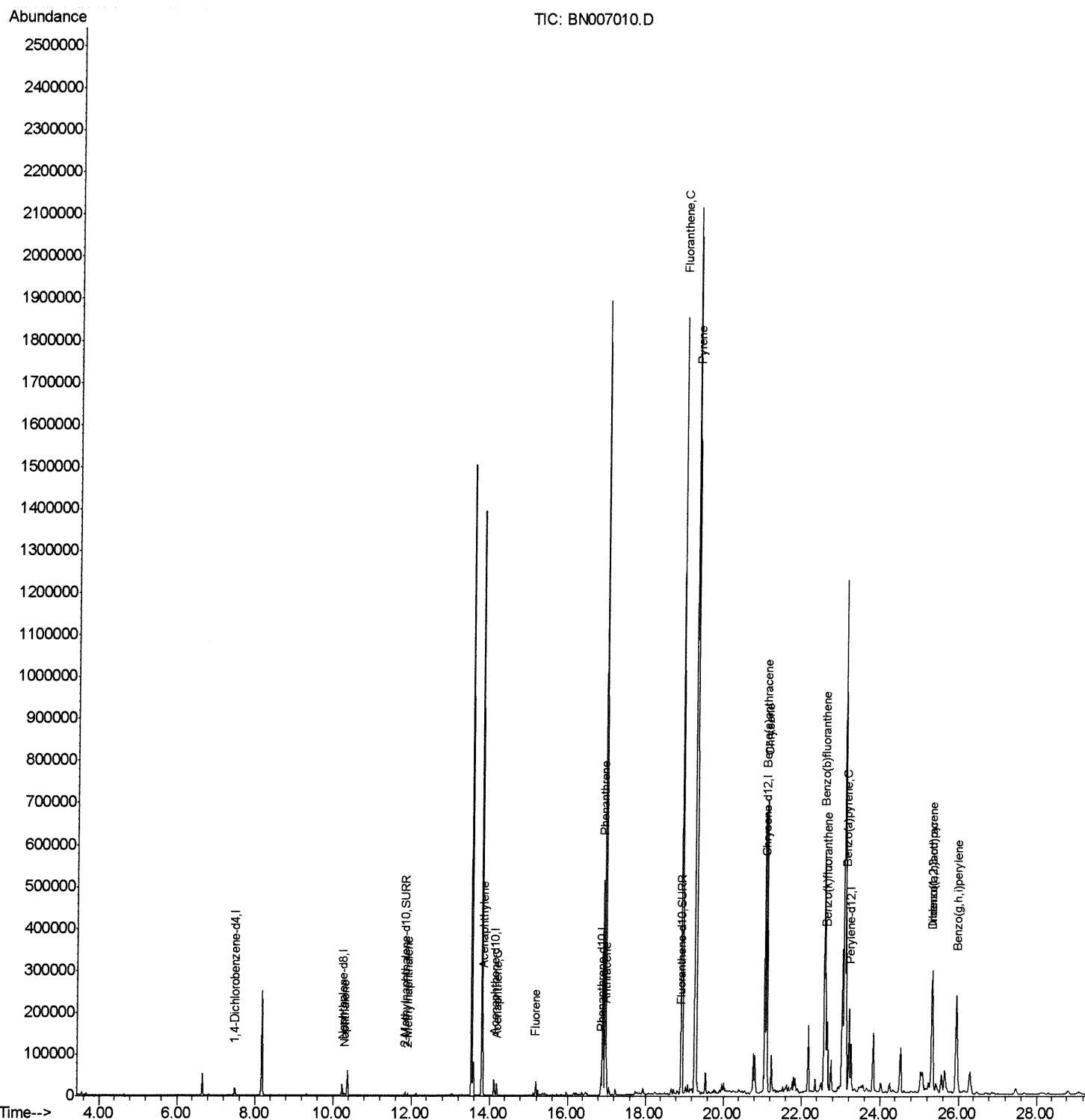
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

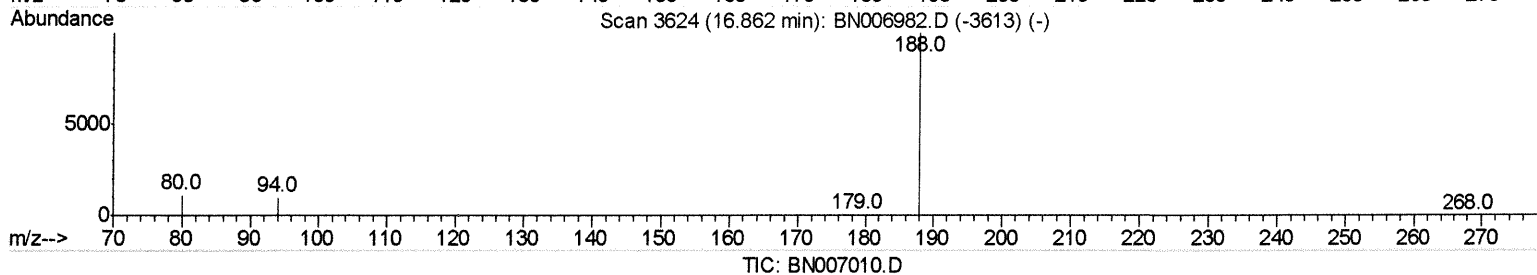
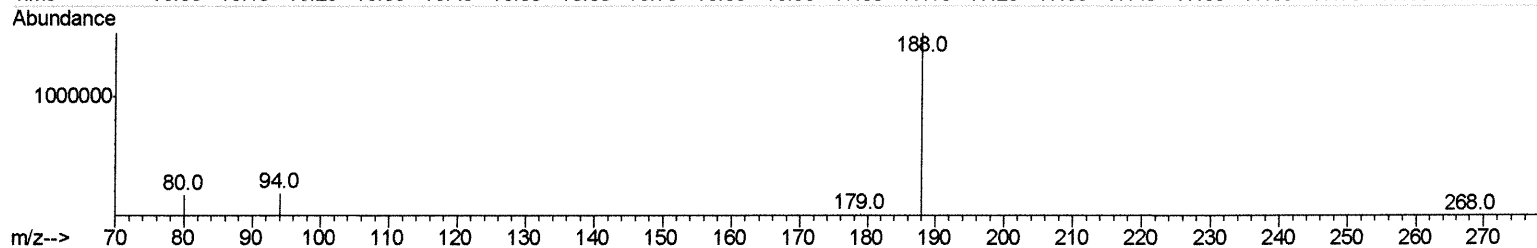
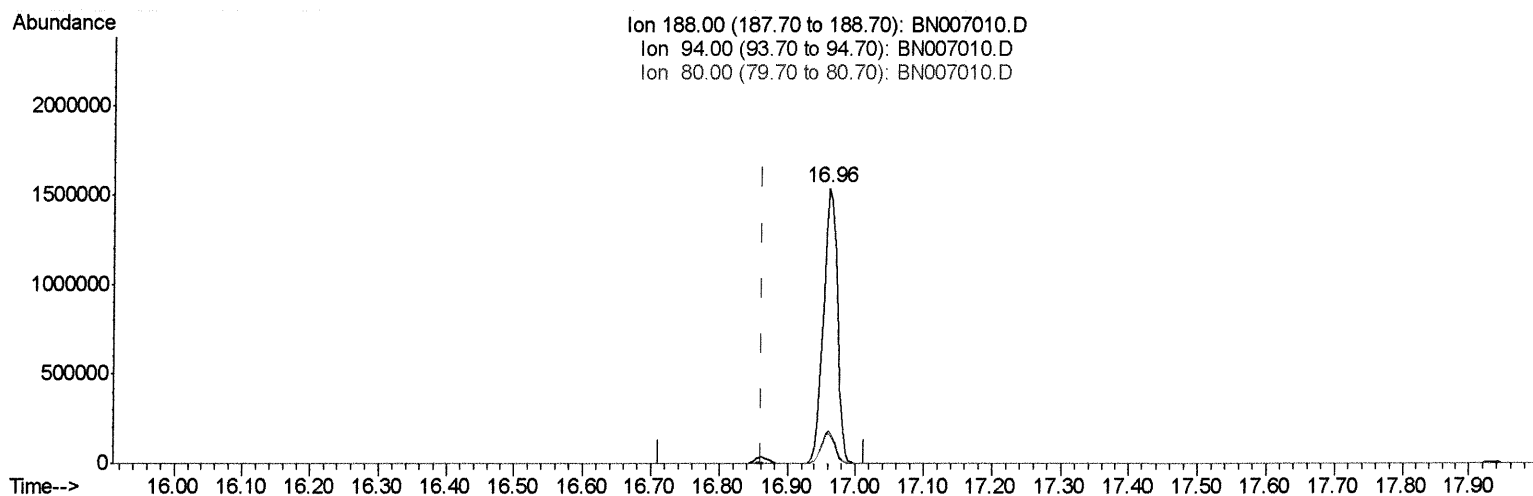
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 07:49:44 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/ui

response 2210768

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.92
80.00	12.40	10.84
0.00	0.00	0.00

Quantitation Report (Qedit)

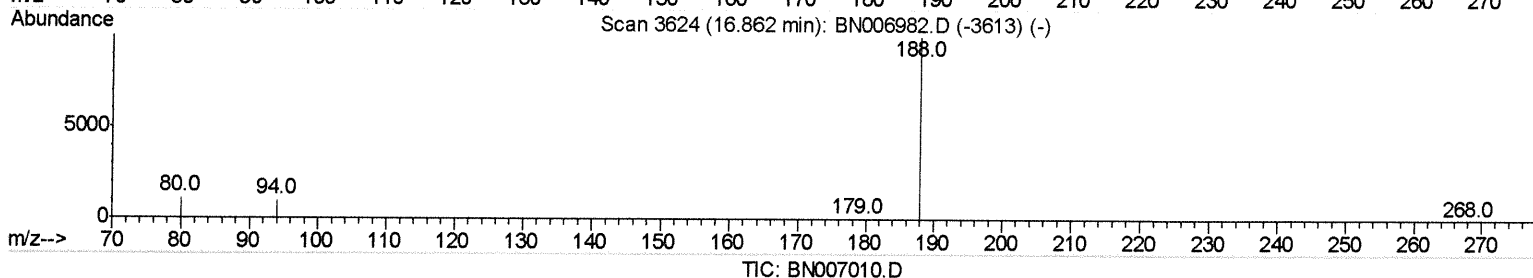
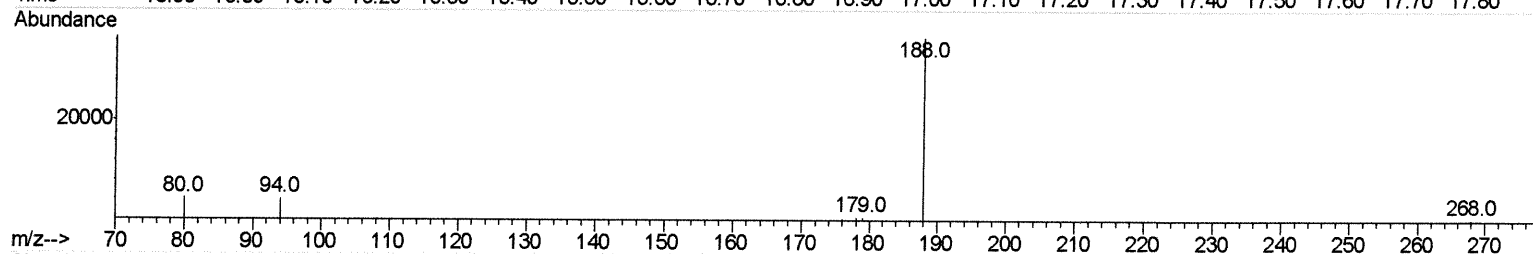
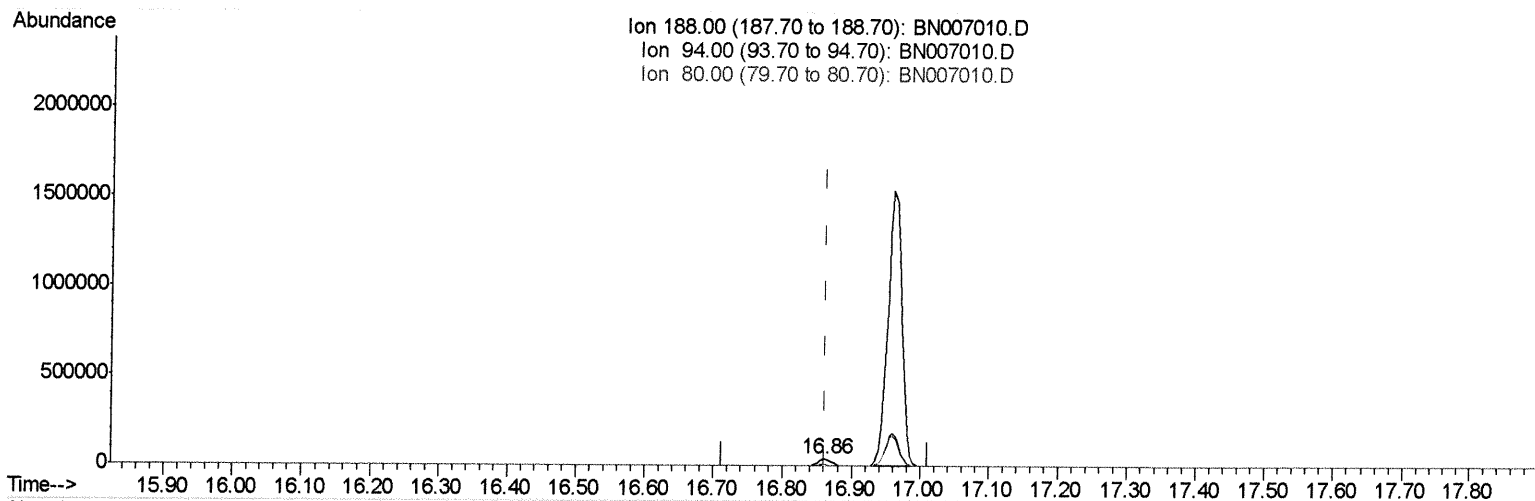
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 07:49:44 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 51836

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.21
80.00	12.40	11.70
0.00	0.00	0.00

Quantitation Report (Qedit)

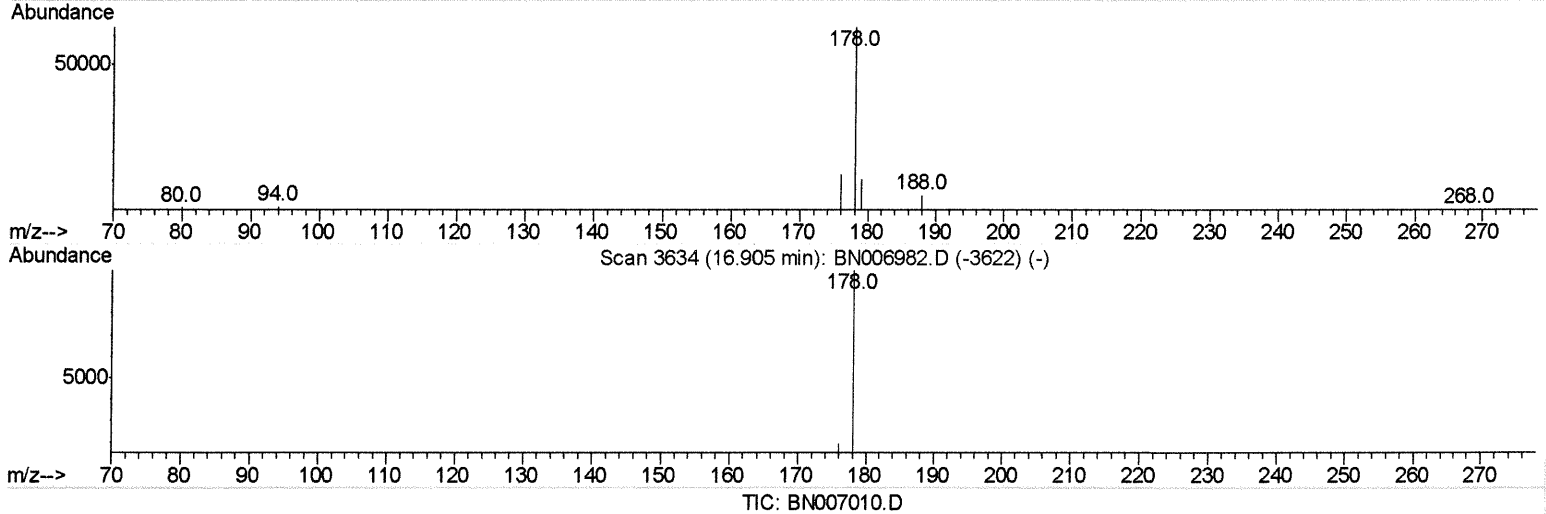
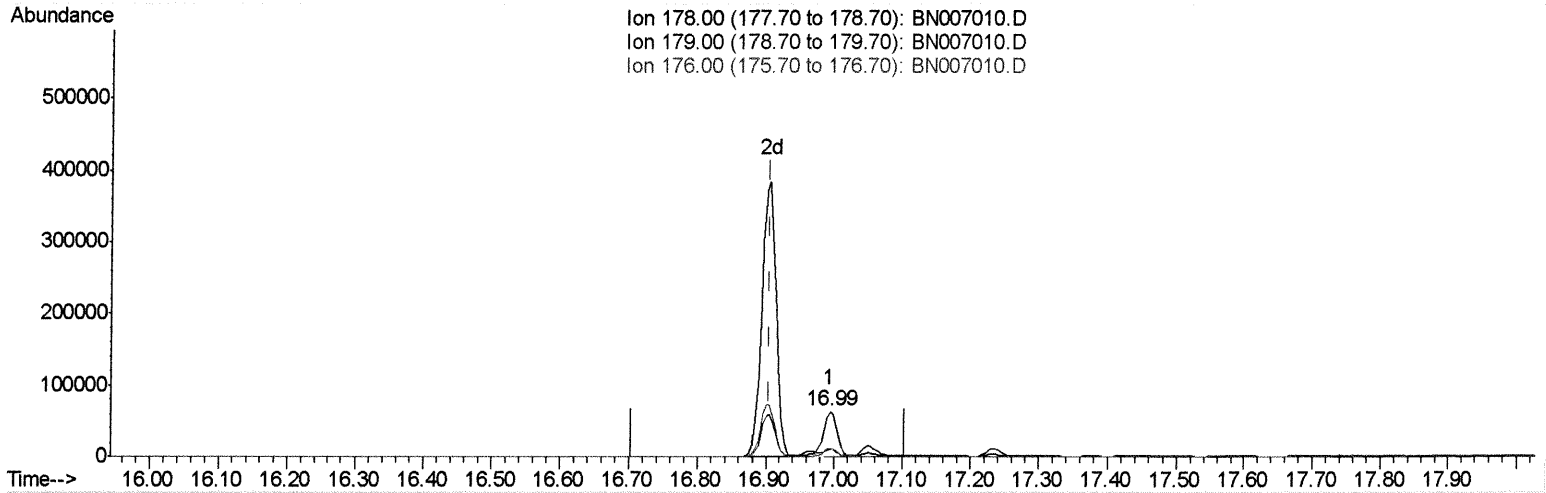
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(12) Phenanthrene

16.993min (+0.089) 0.52ng/ul

response 86566

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.48
176.00	19.50	19.11
0.00	0.00	0.00

Quantitation Report (Qedit)

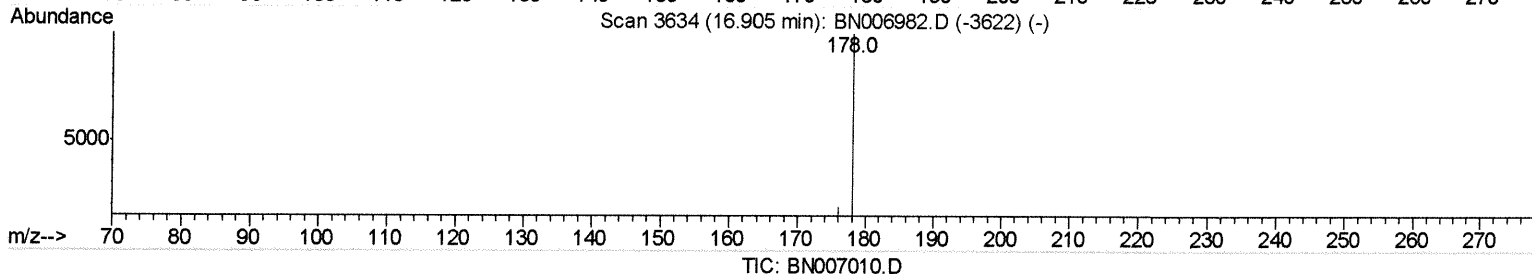
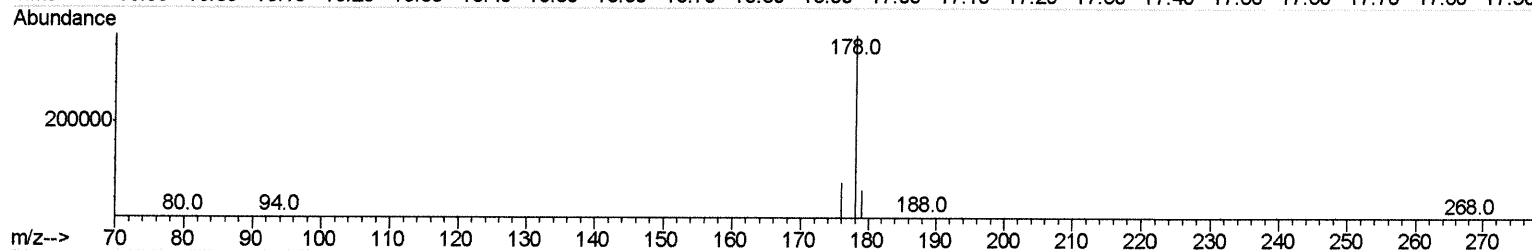
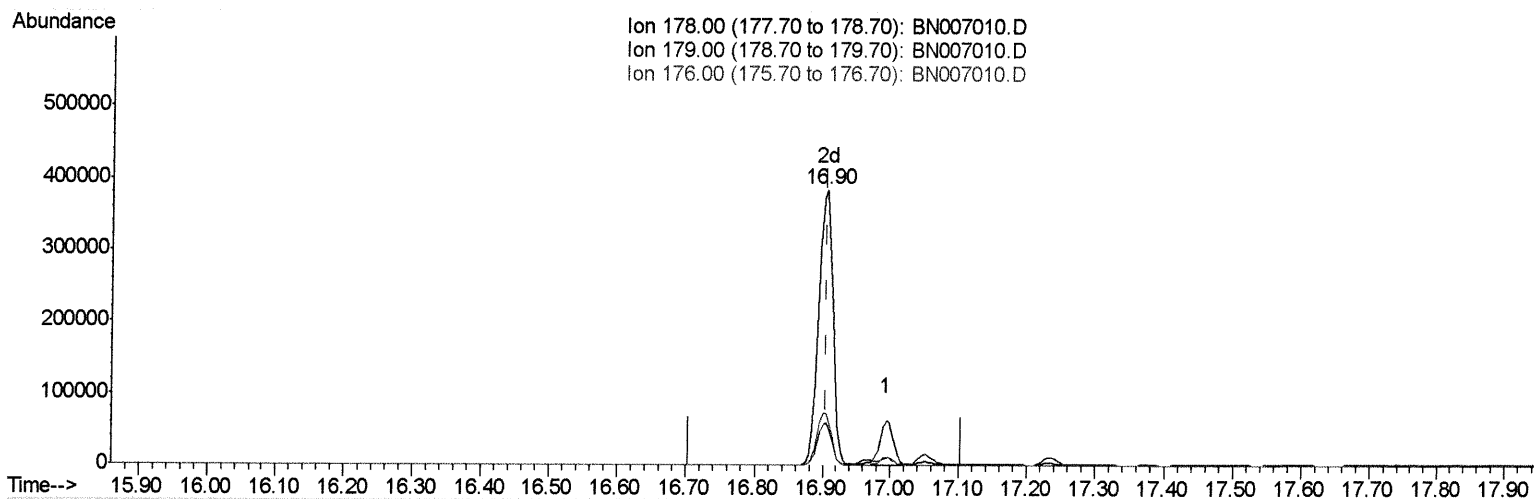
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(12) Phenanthrene

16.905min (-0.000) 3.32ng/ul m *JU 08/09/19*

response 547941

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.33
176.00	19.50	18.88
0.00	0.00	0.00

Quantitation Report (Qedit)

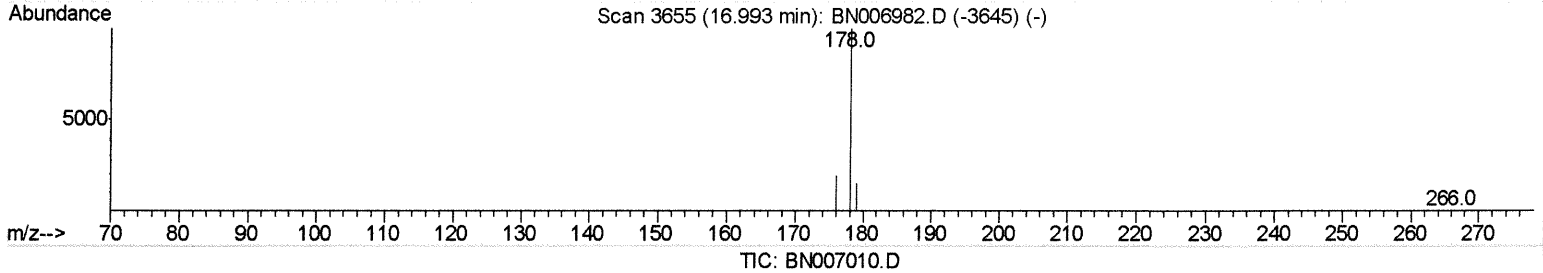
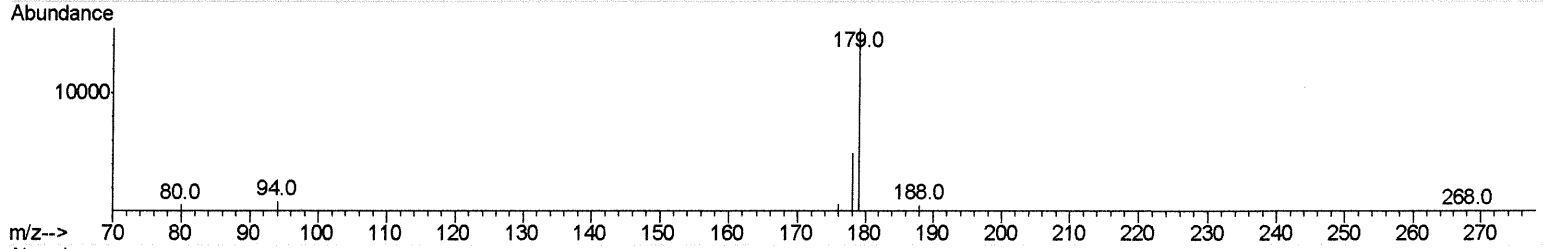
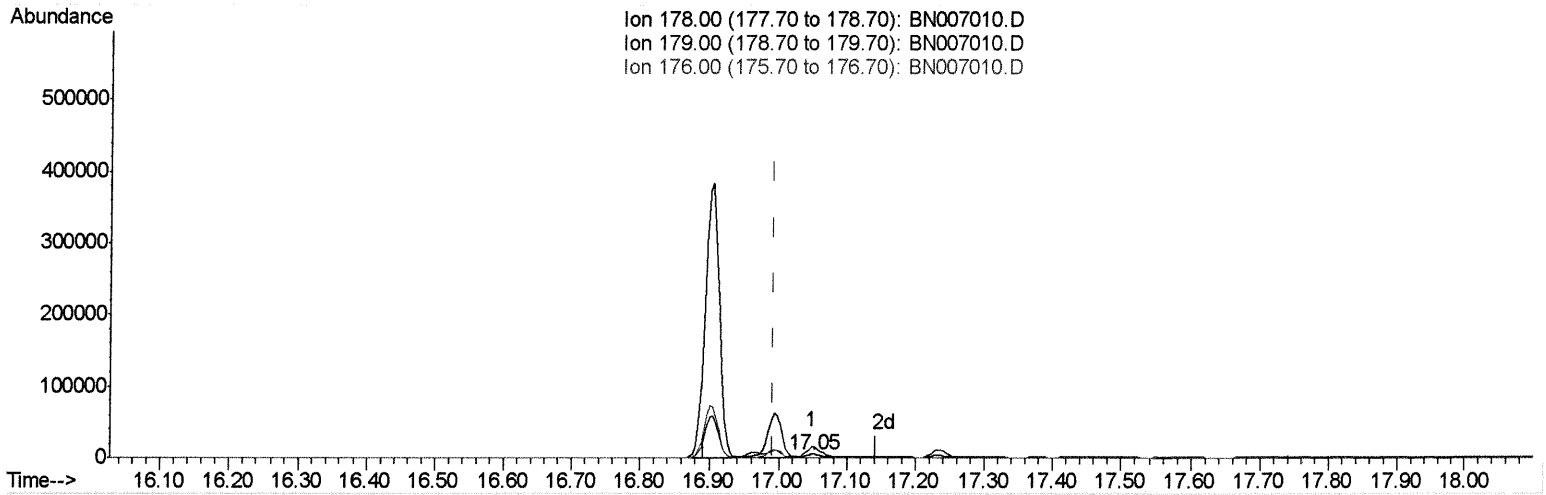
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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



TIC: BN007010.D

(13) Anthracene

17.048min (+0.055) 0.04ng/ul

response 6605

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	316.55#
176.00	19.20	12.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

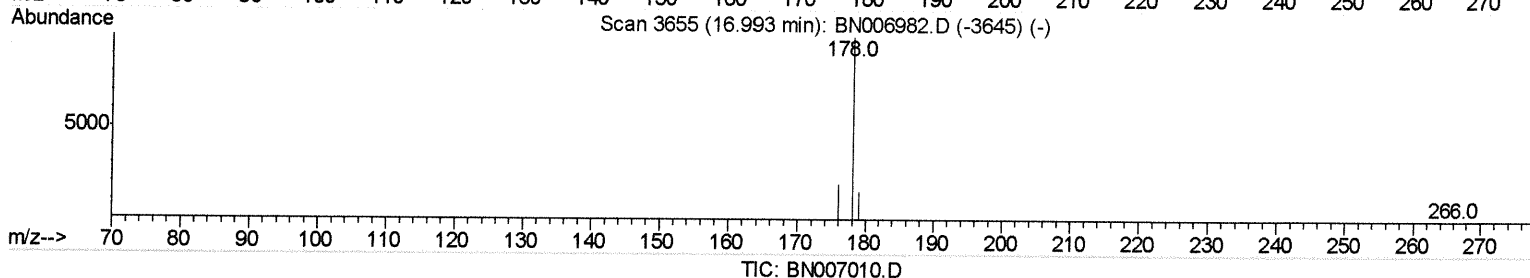
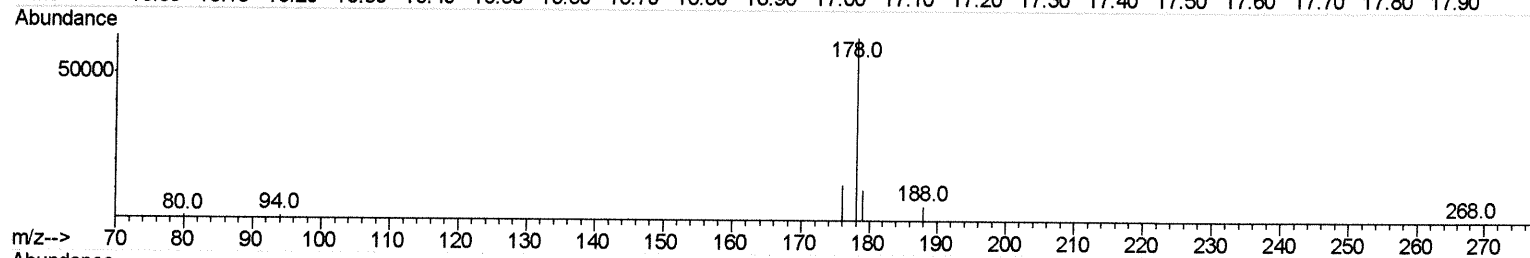
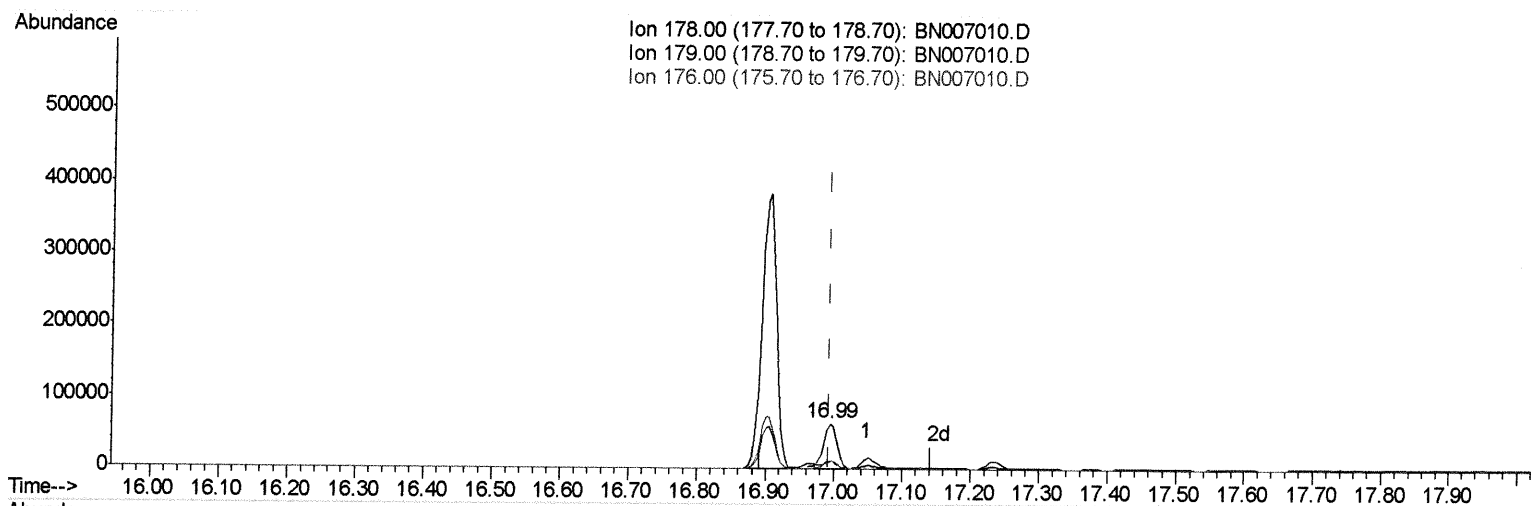
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



(13) Anthracene

16.993min (-0.000) 0.51ng/ul m *JU* 08/09/19

response 85840

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	16.48
176.00	19.20	19.11
0.00	0.00	0.00

Quantitation Report (Qedit)

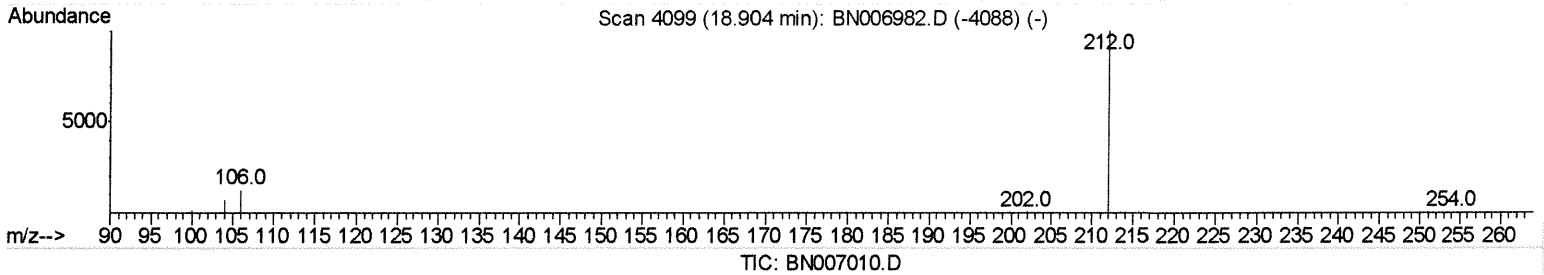
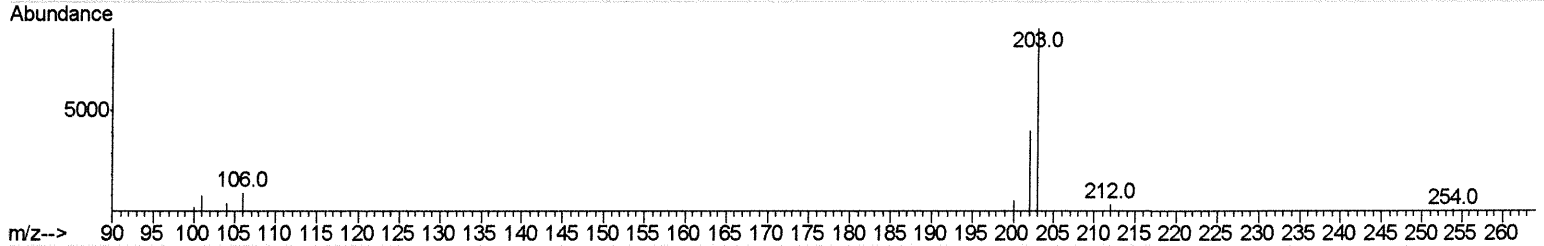
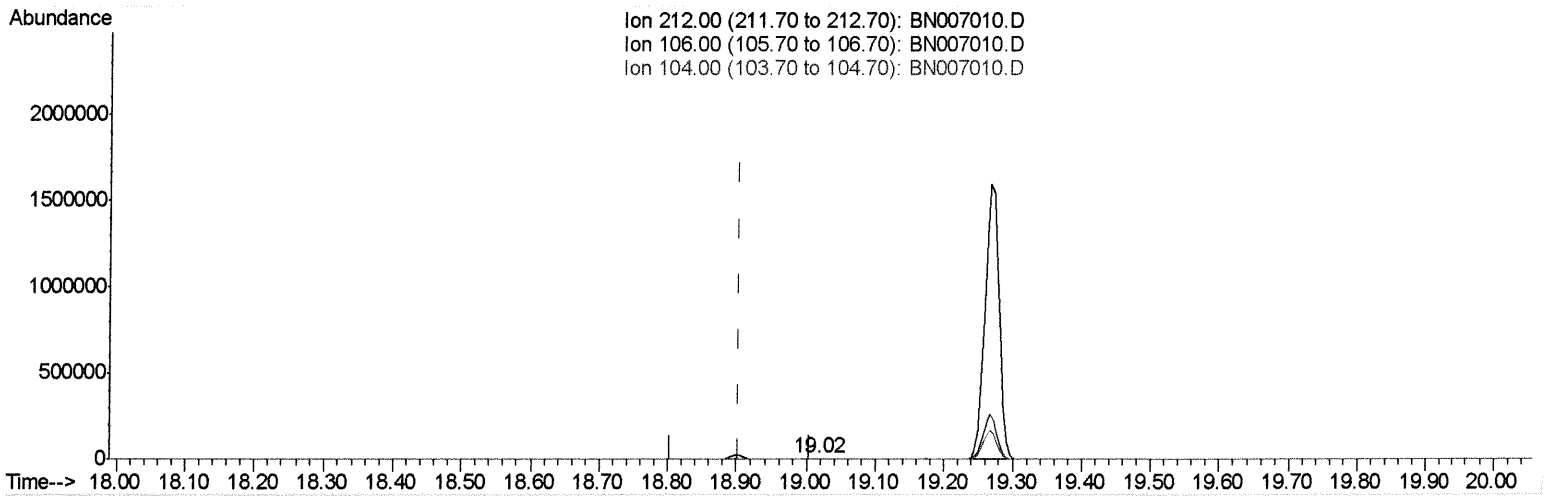
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ4

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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) 0.00ng/ul

response 547

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	93.42#
104.00	7.10	85.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

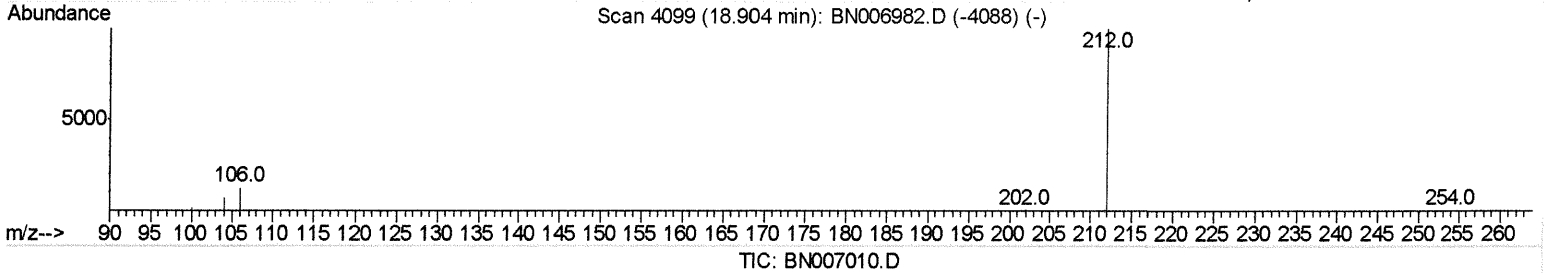
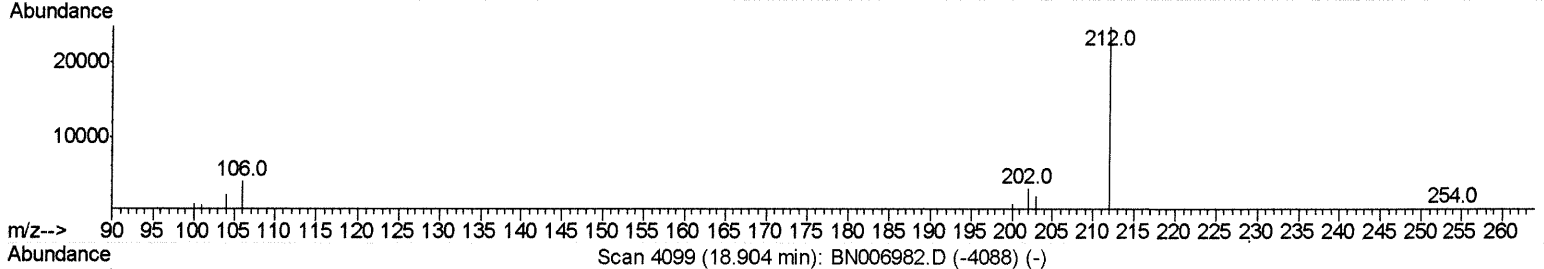
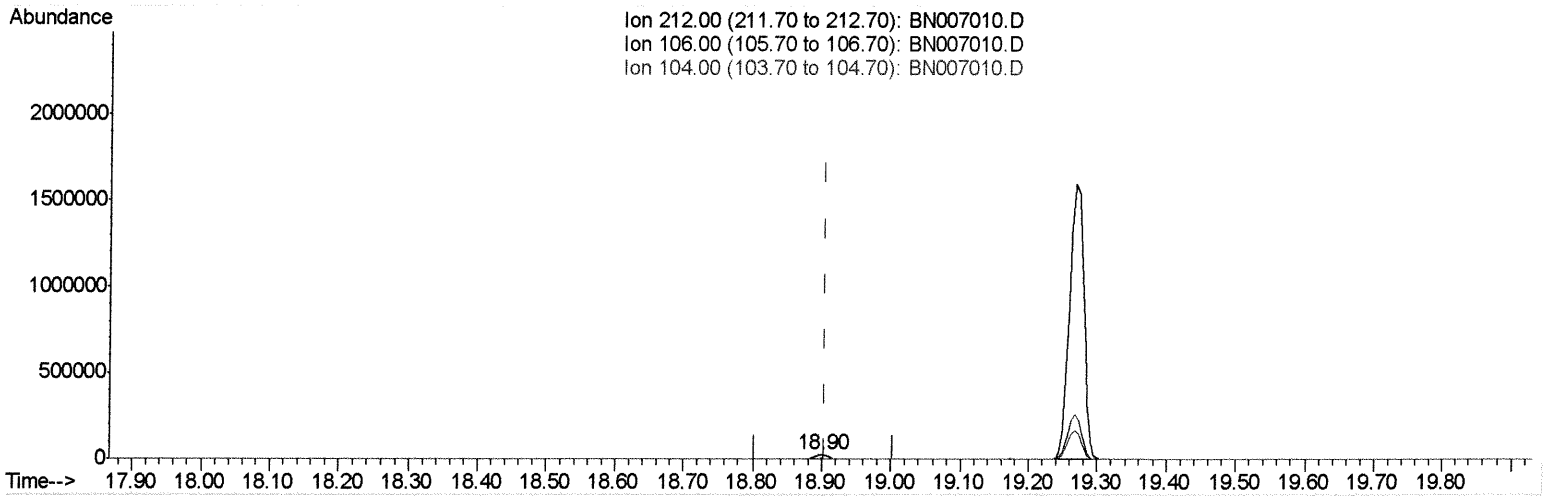
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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) 0.19ng/ul m

JU
 08/09/19

response 32214

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	1.59#
104.00	7.10	1.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

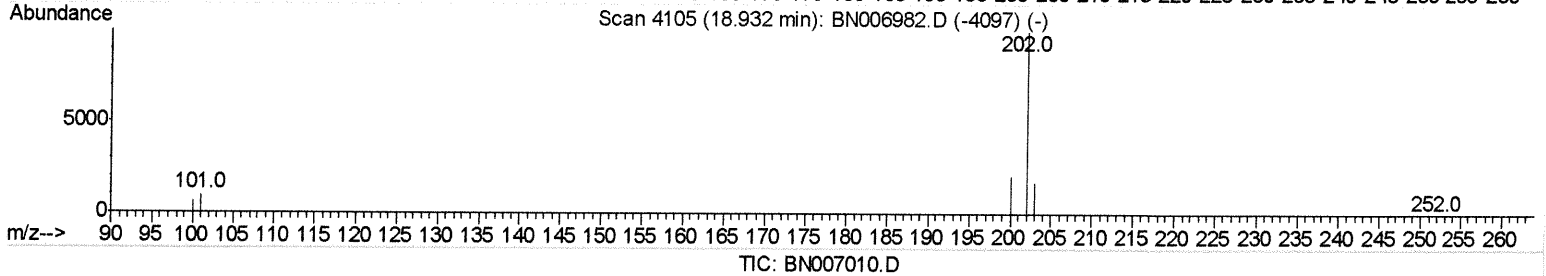
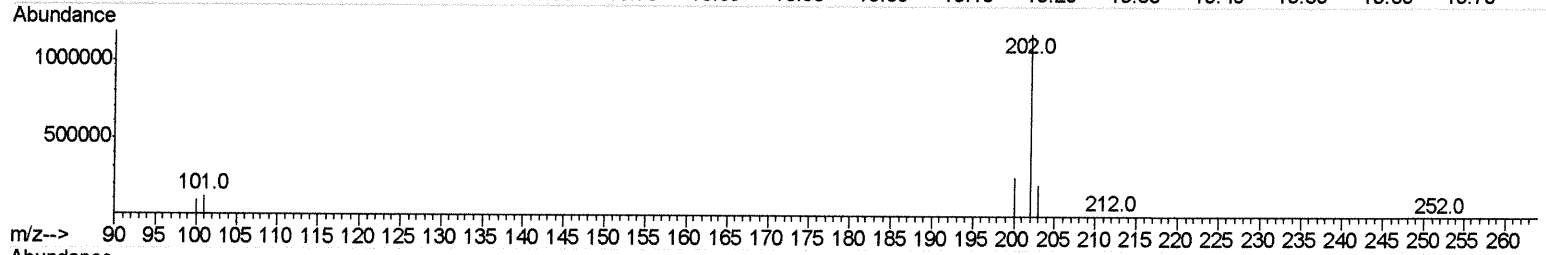
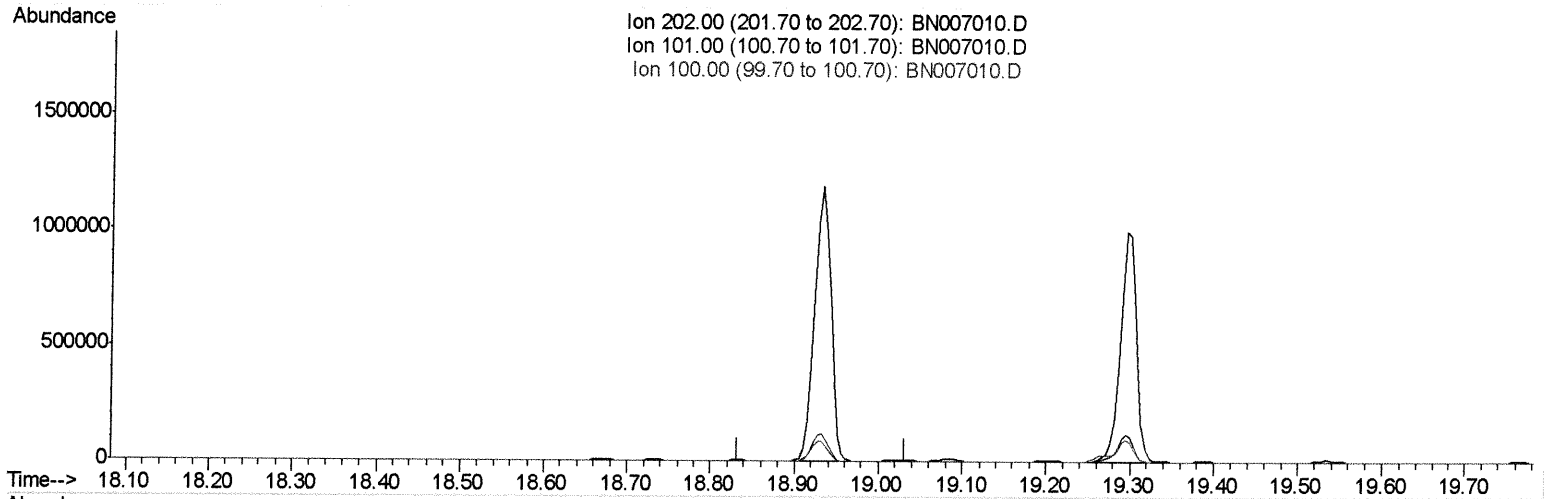
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ4

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

18.932min (-18.932) 0.00ng/ui

response 0

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

Quantitation Report (Qedit)

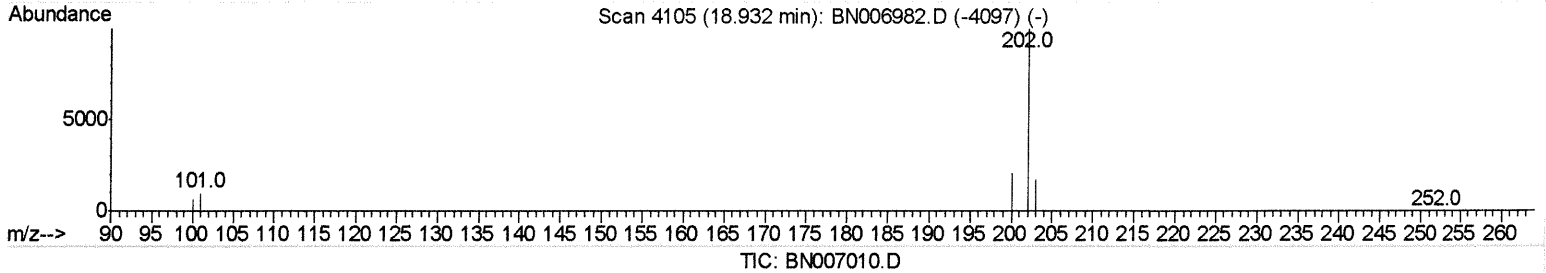
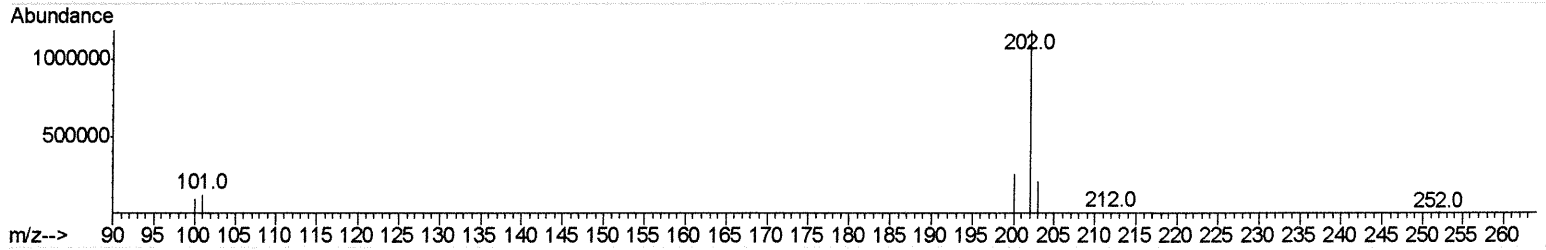
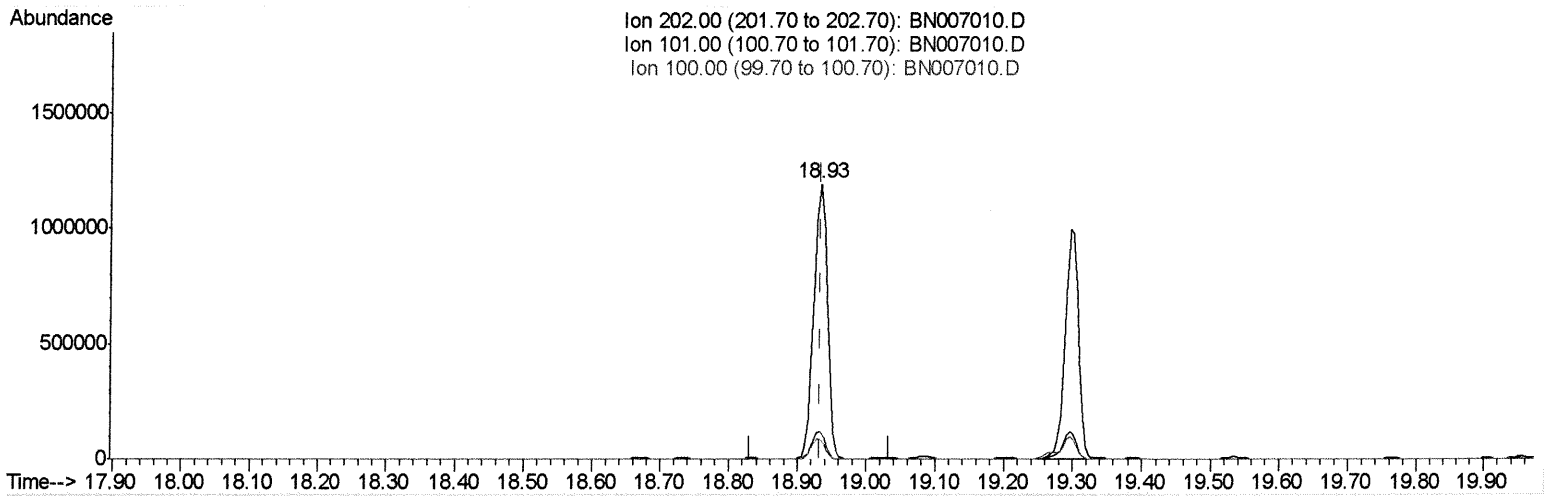
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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) 7.77ng/ul m

response 1596394

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.94
100.00	7.70	7.36
0.00	0.00	0.00

Quantitation Report (Qedit)

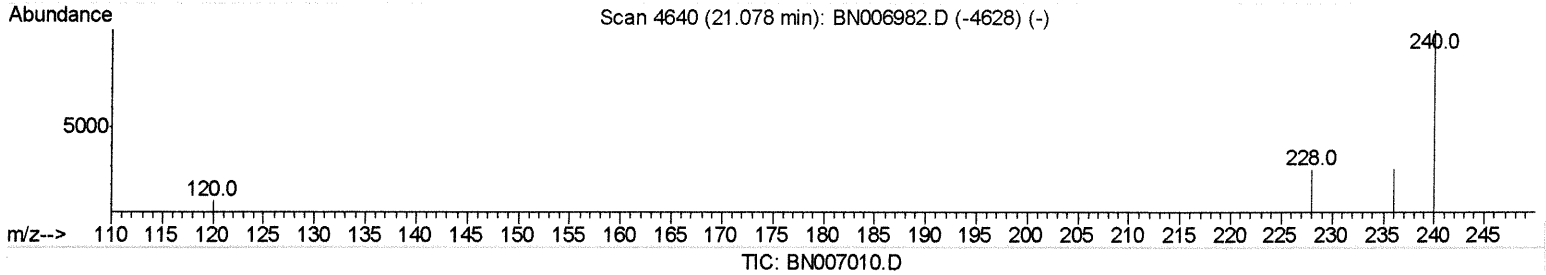
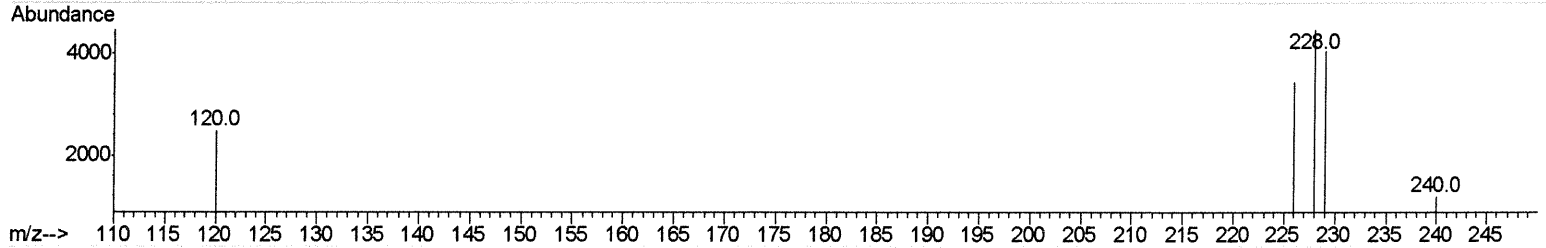
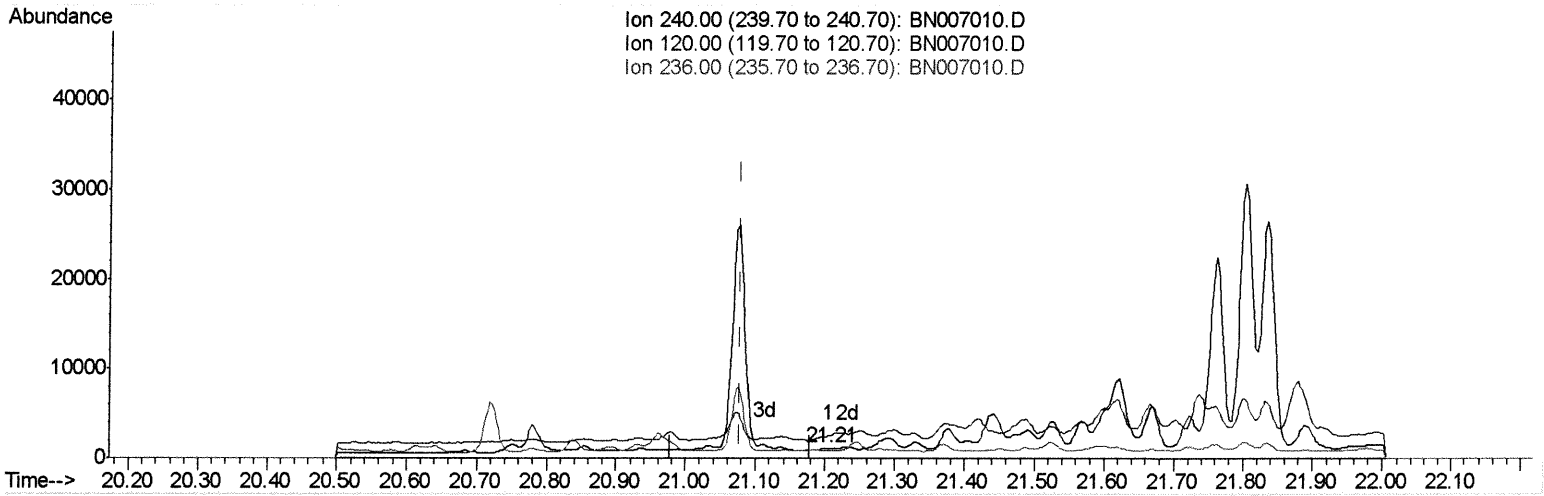
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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



TIC: BN007010.D

(16) Chrysene-d12 (I)

21.207min (+0.128) 0.40ng/ul

response 429

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	210.99#
236.00	29.00	75.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

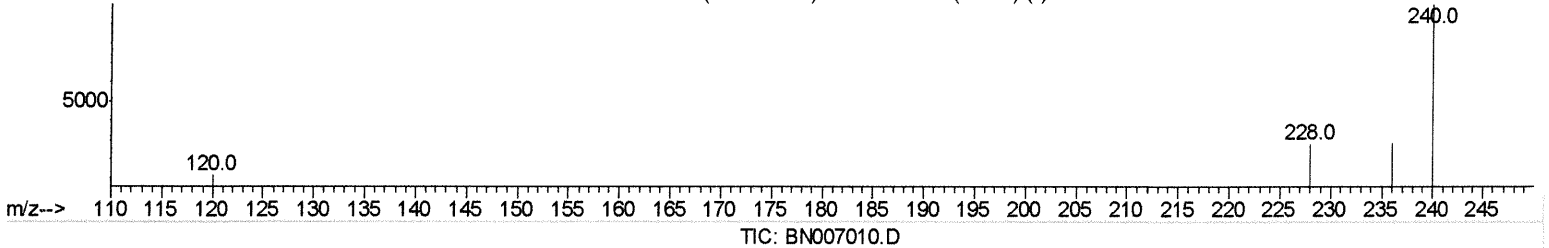
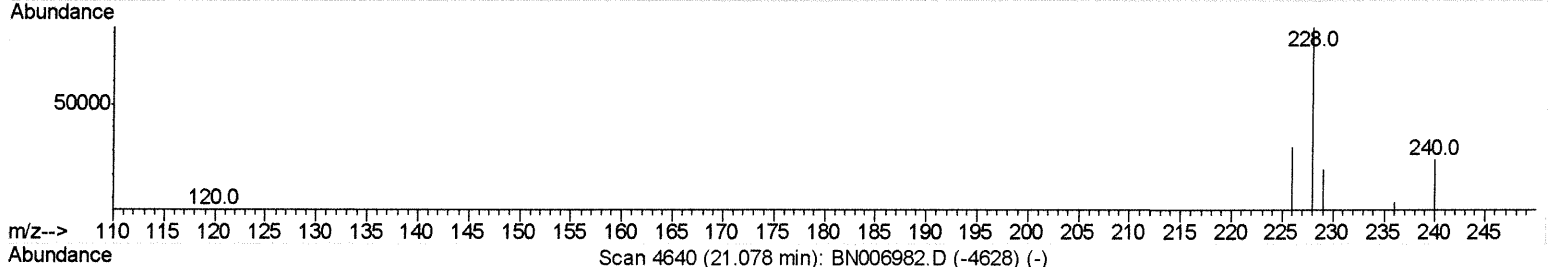
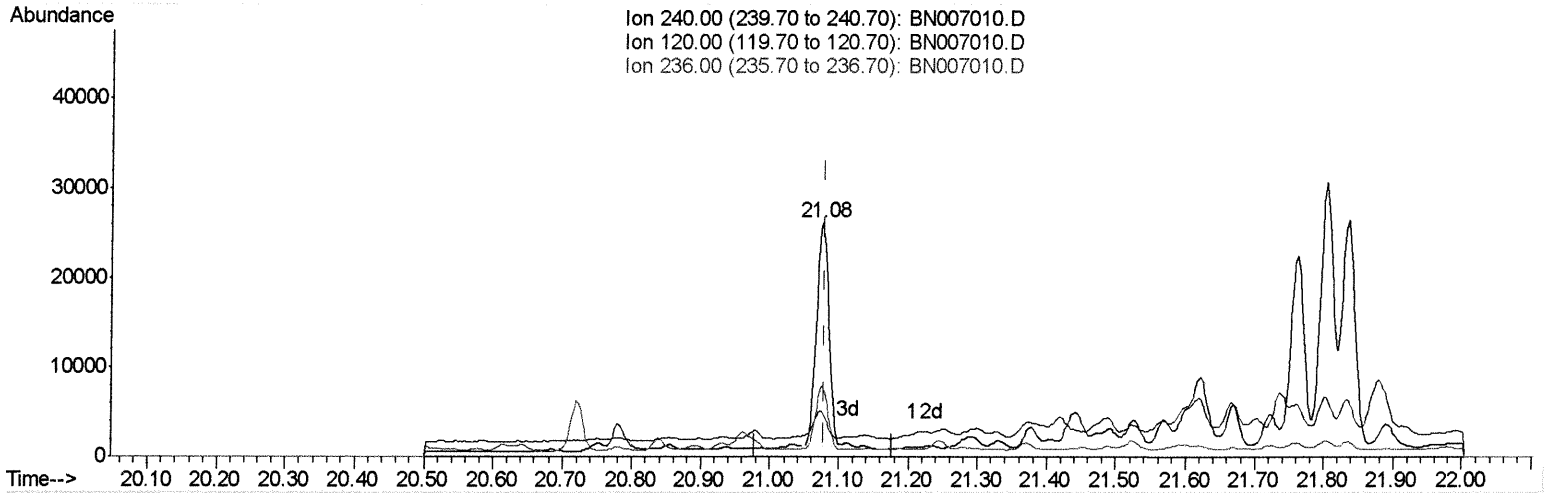
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:33:33 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 30483

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	19.17#
236.00	29.00	30.53
0.00	0.00	0.00

Quantitation Report (Qedit)

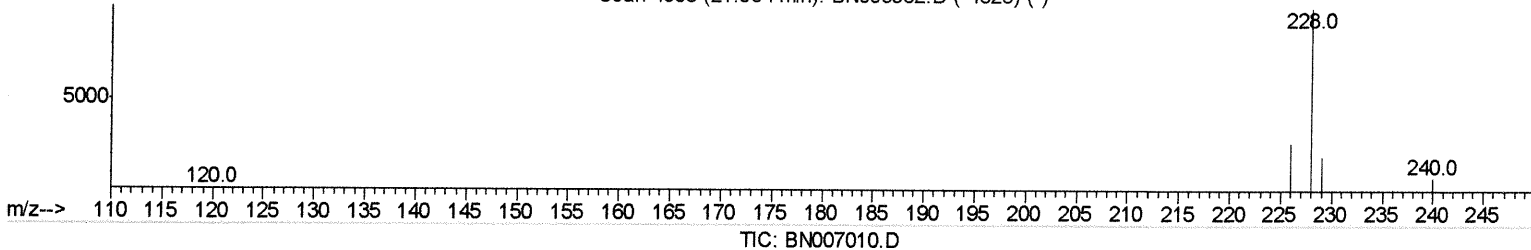
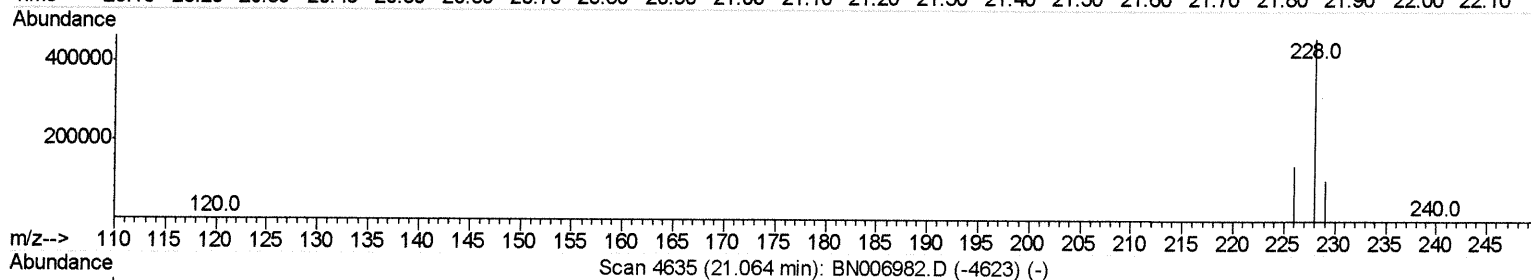
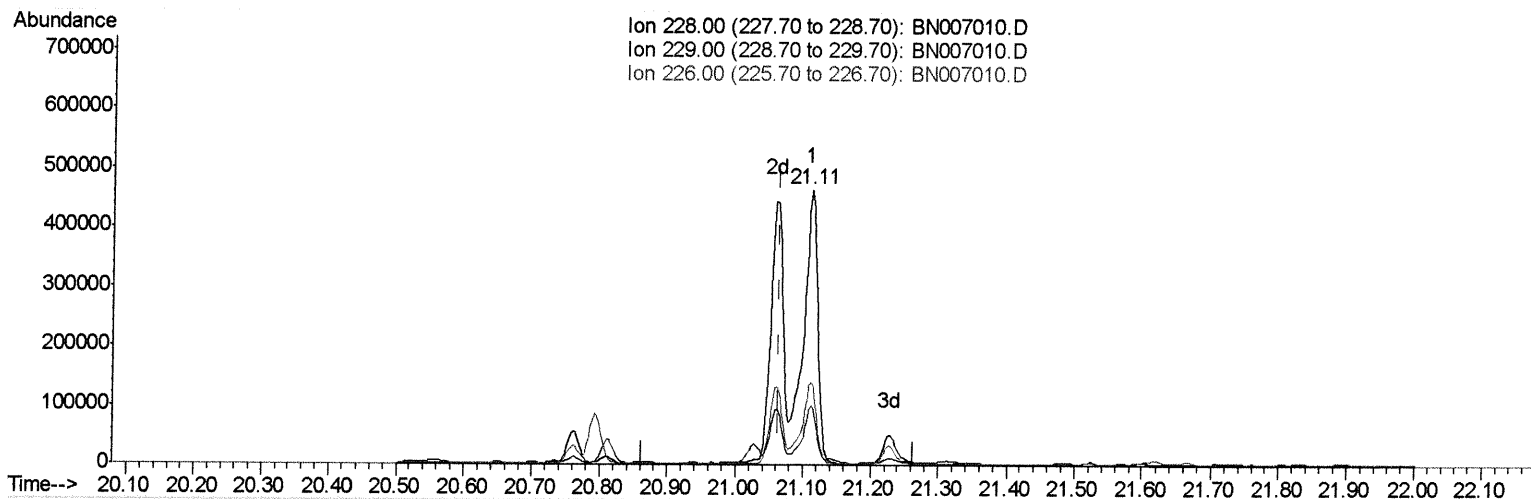
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:35:57 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



(18) Benzo(a)anthracene

21.111min (+0.047) 5.12ng/ul

response 685772

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.75
226.00	27.80	30.20
0.00	0.00	0.00

Quantitation Report (Qedit)

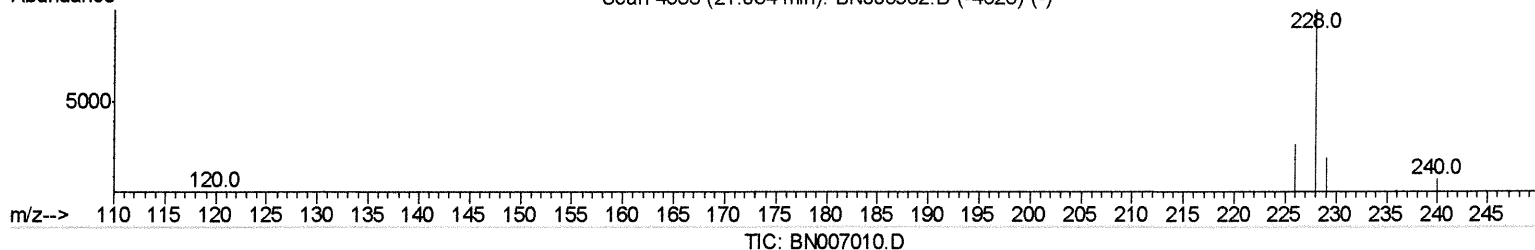
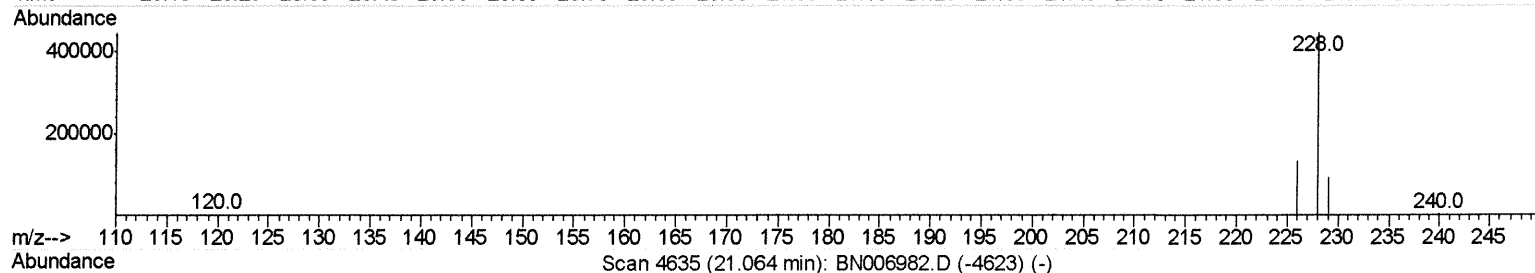
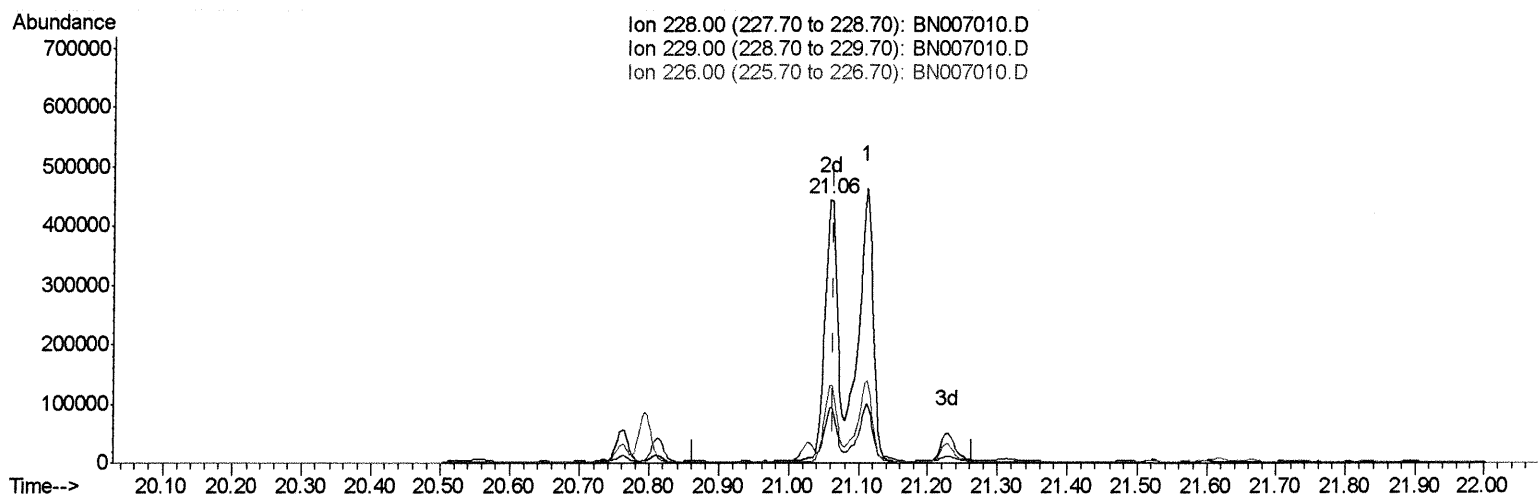
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:35:57 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



(18) Benzo(a)anthracene

21.058min (-0.006) 4.07ng/ul m

response 544802

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.67
226.00	27.80	29.58
0.00	0.00	0.00

Quantitation Report (Qedit)

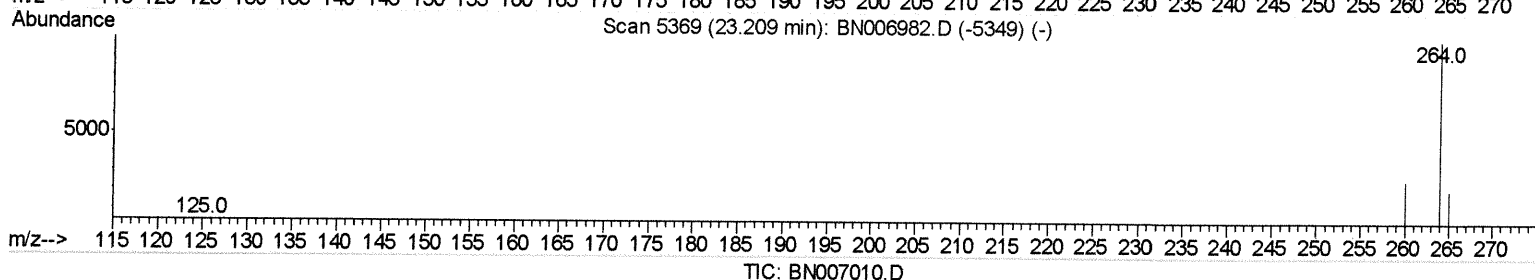
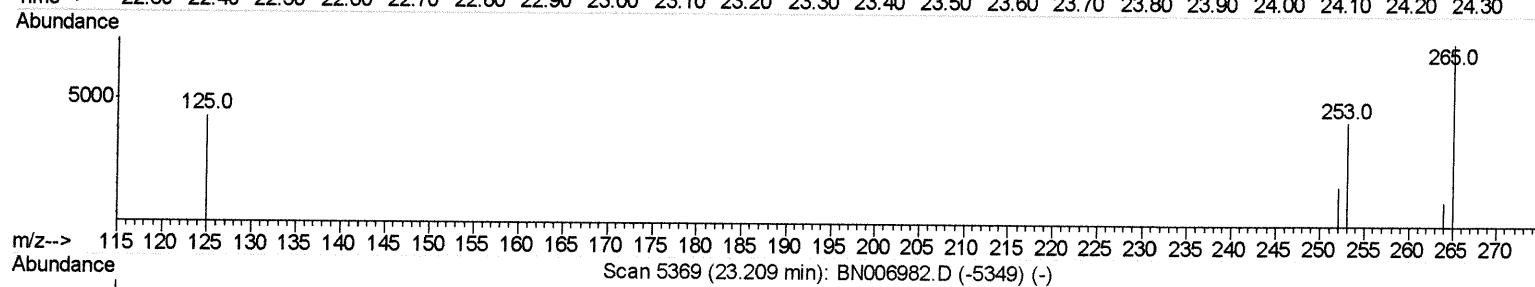
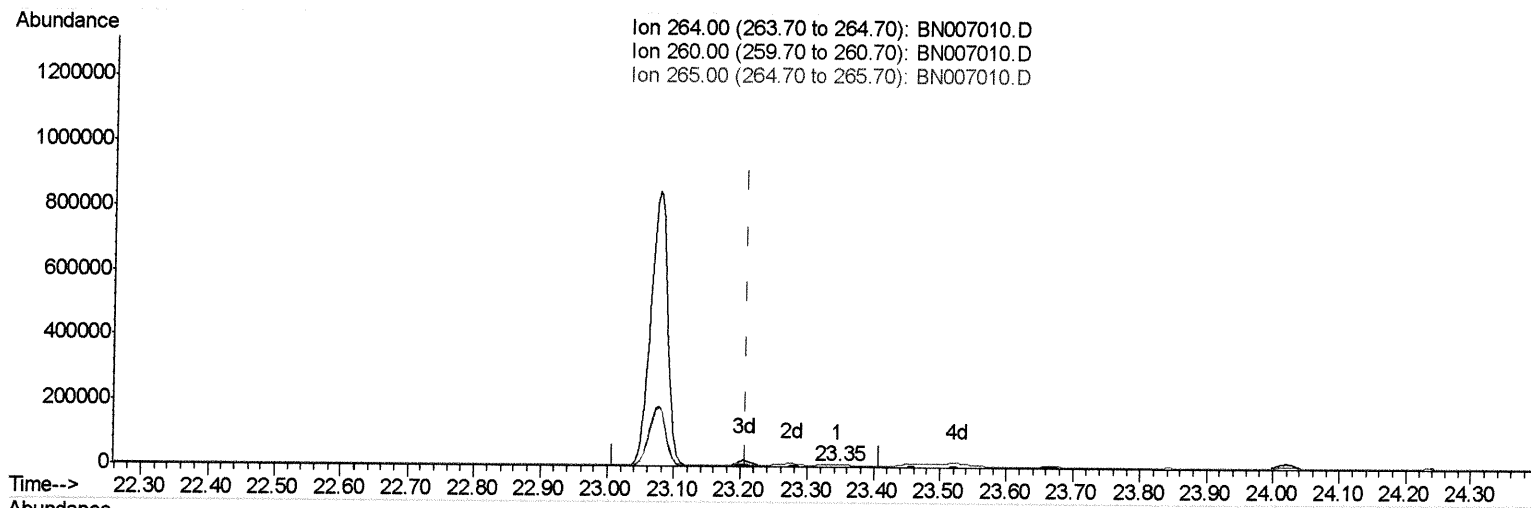
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ4

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:35:57 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



(20) Perylene-d12 (I)

23.346min (+0.137) 0.40ng/ul

response 2363

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	47.59#
265.00	27.80	453.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

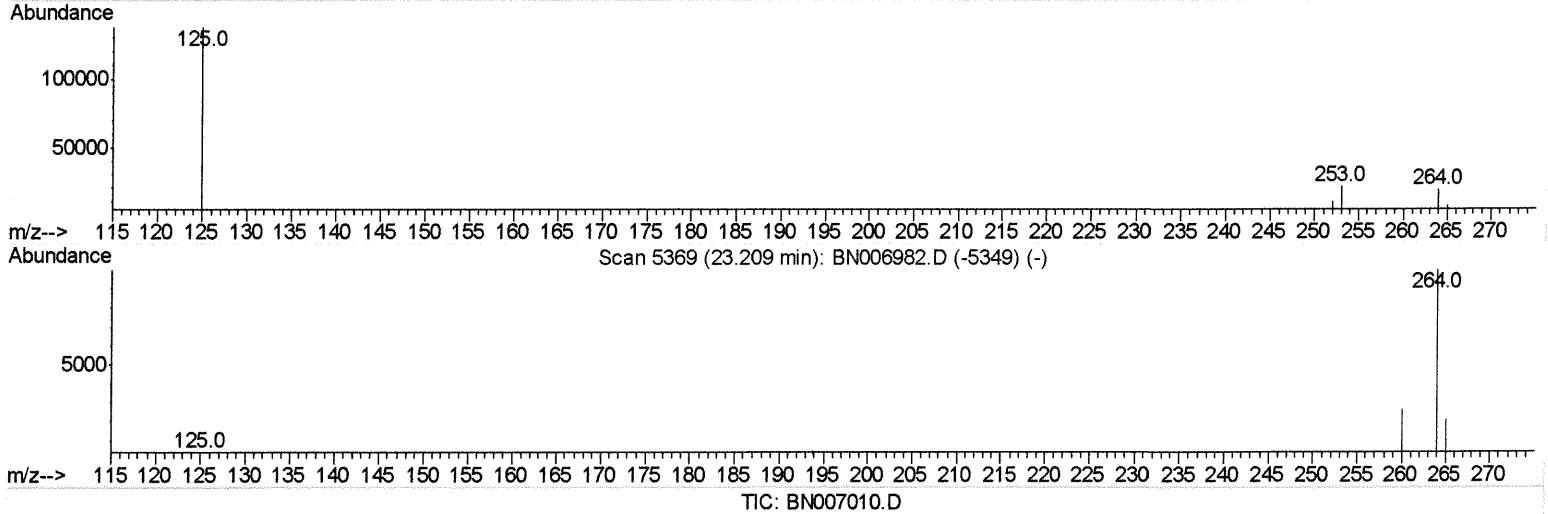
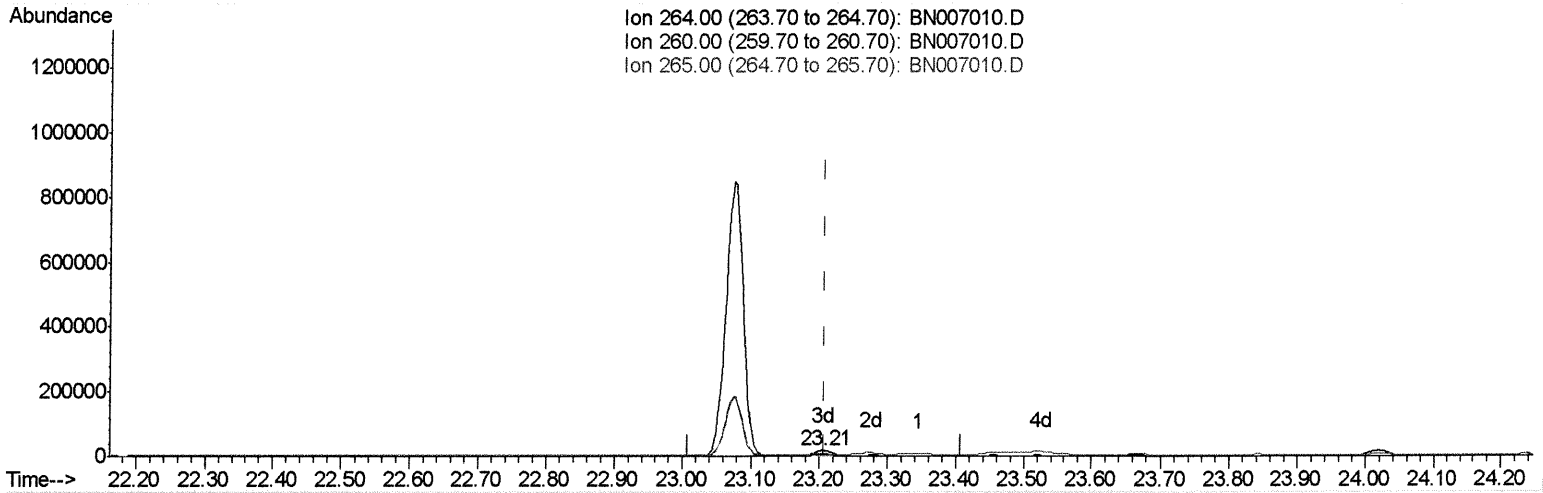
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:35:57 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



(20) Perylene-d12 (I)

23.206min (-0.003) 0.40ng/ul m

JU
 08/09/19

response 28701

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	25.99
265.00	27.80	42.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

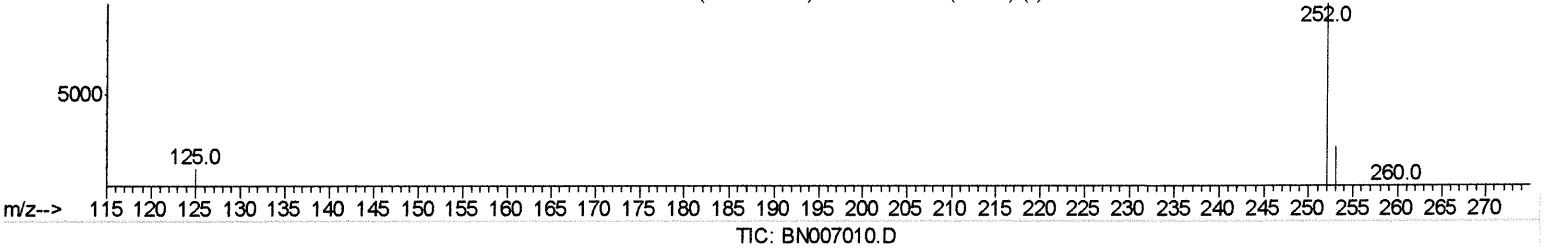
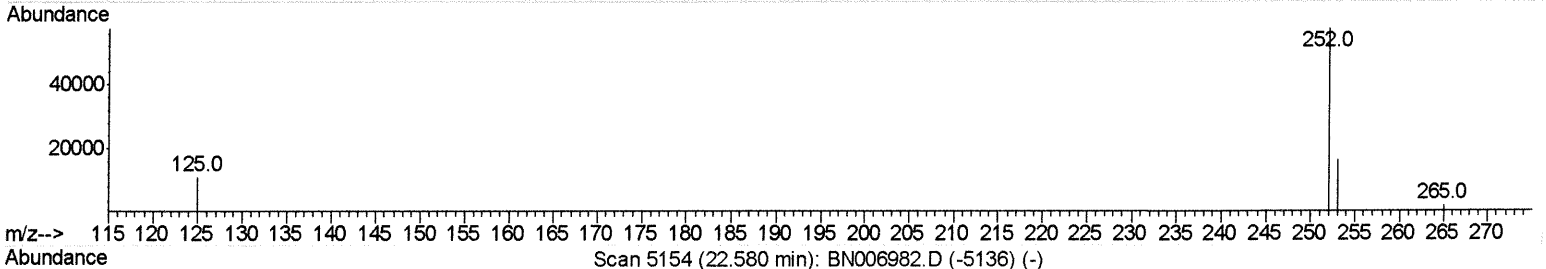
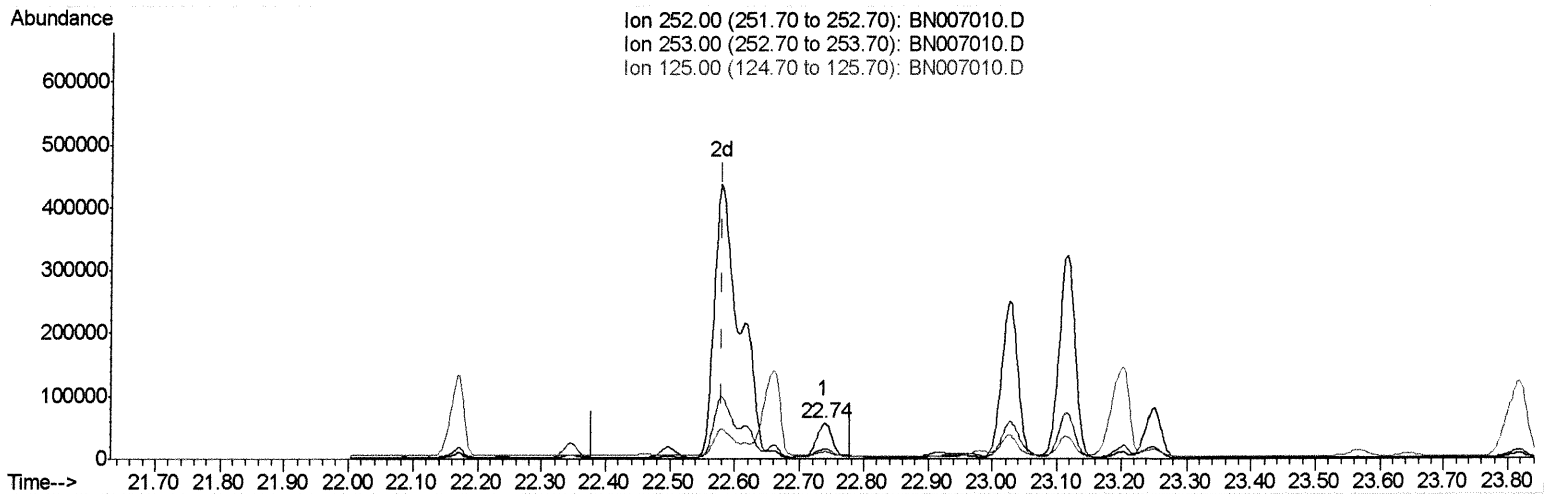
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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) 0.83ng/ui

response 97057

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.24
125.00	11.10	19.50
0.00	0.00	0.00

Quantitation Report (Qedit)

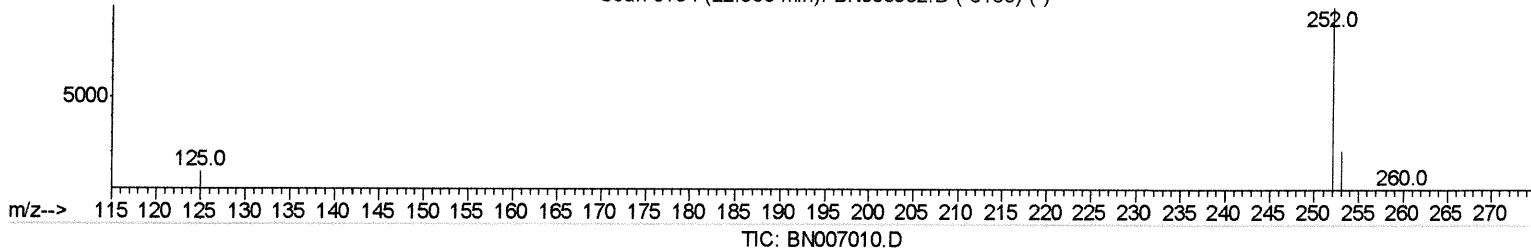
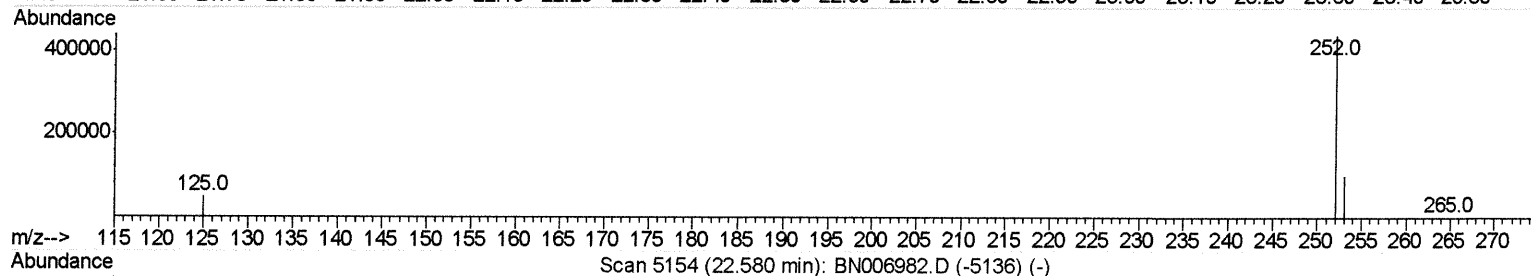
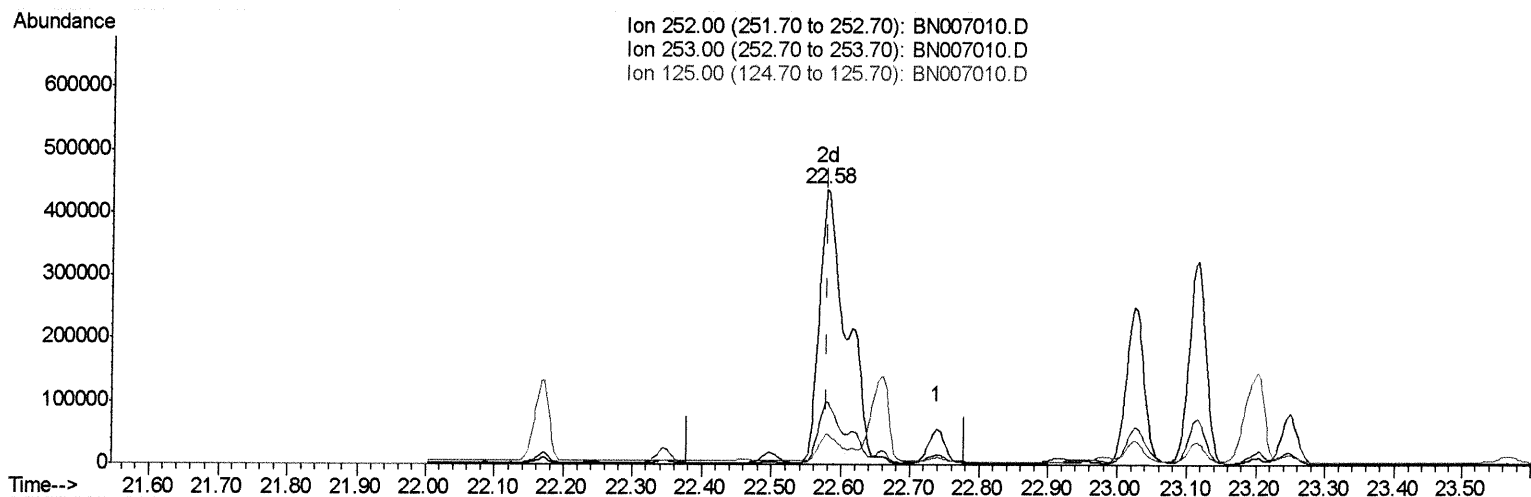
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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) 7.55ng/ul m *JU 08/09/19*

response 878637

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.57
125.00	11.10	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

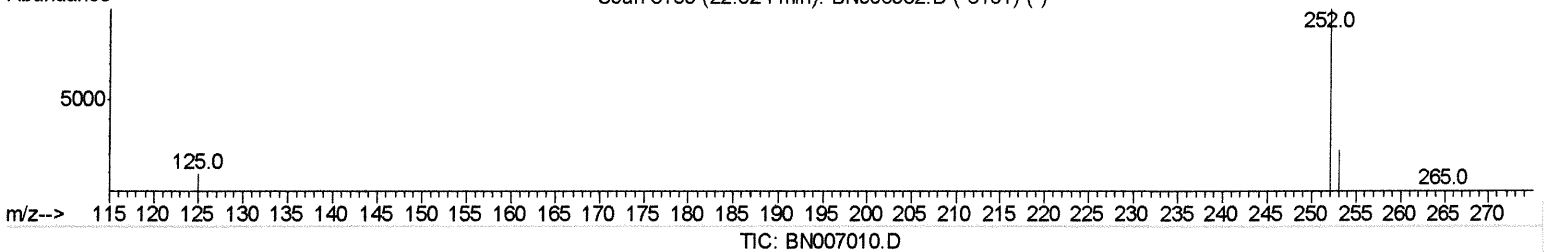
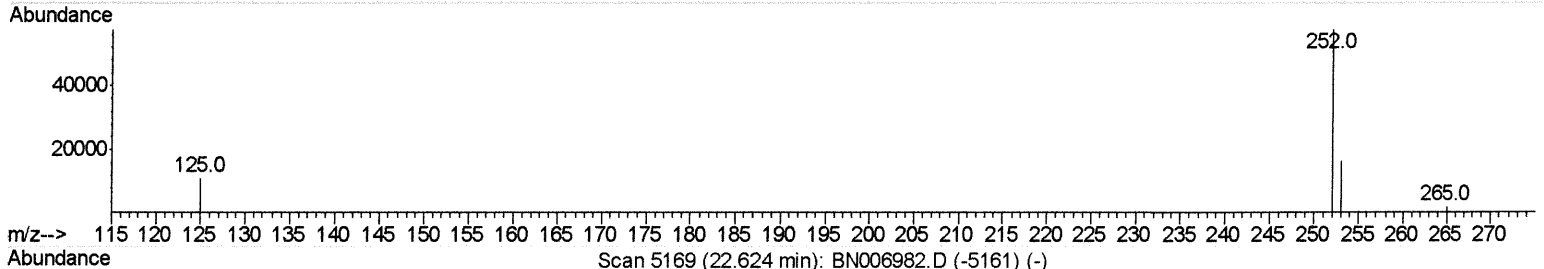
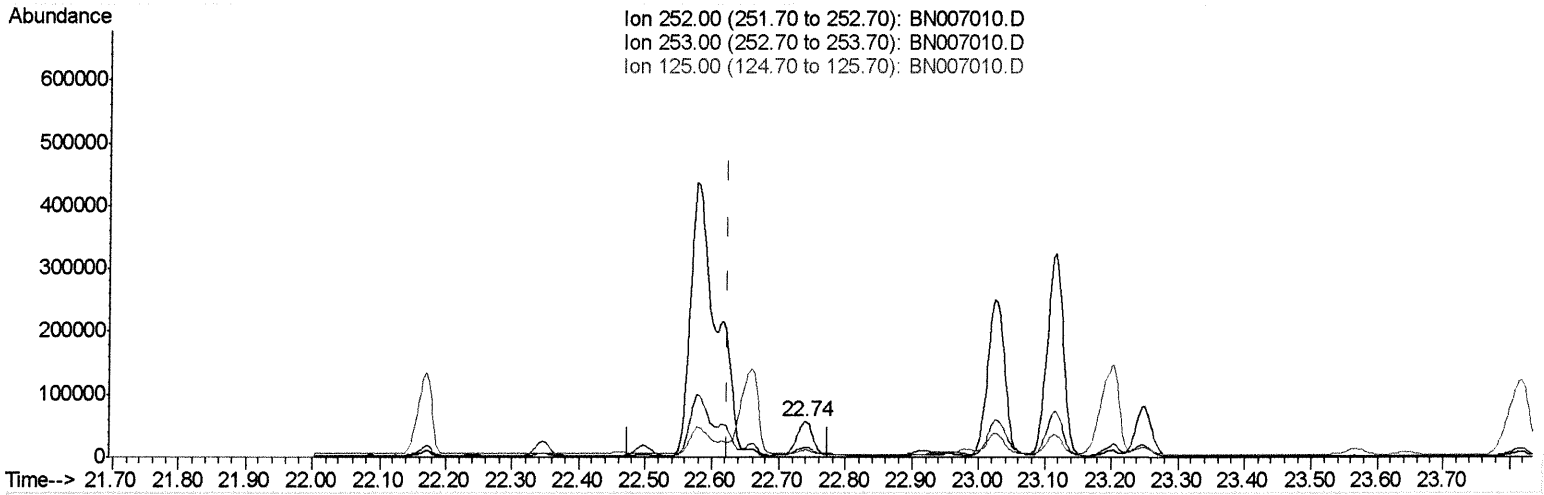
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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) 0.86ng/ul

response 96747

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.24#
125.00	10.90	19.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

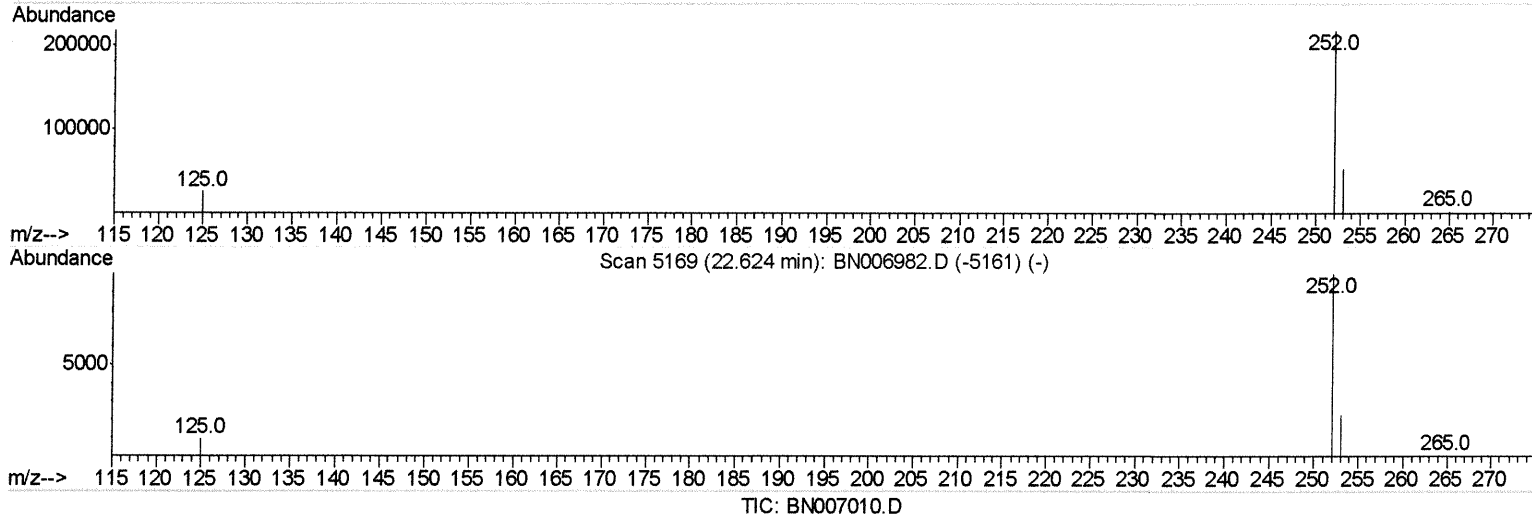
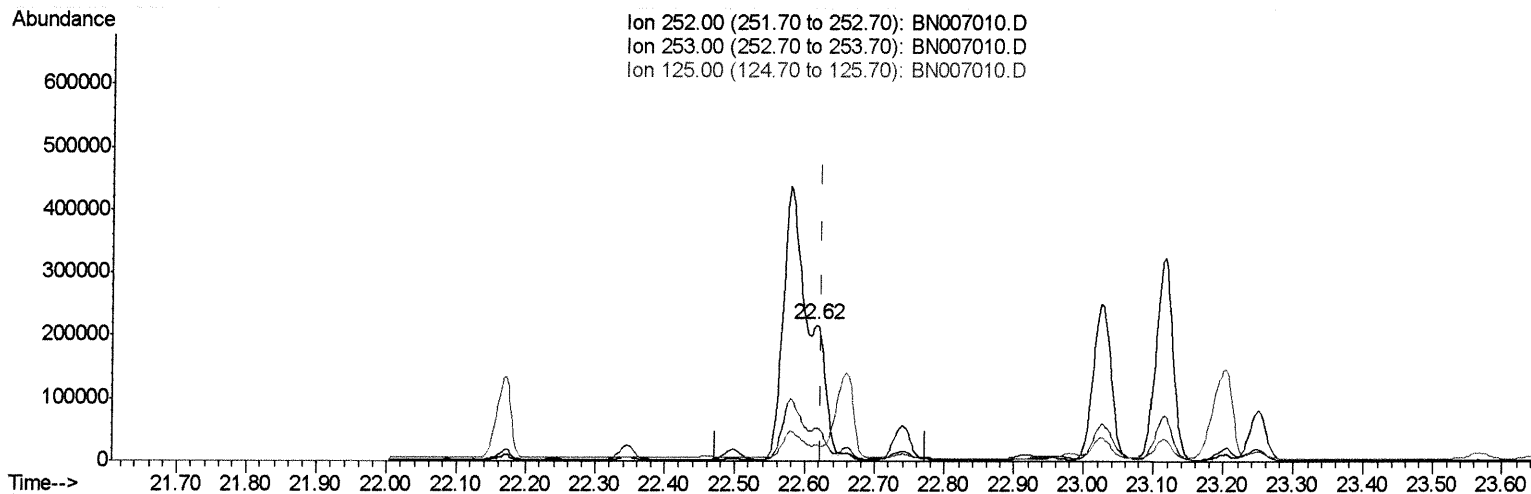
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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) 2.44ng/ul m

JU
 08/09/19

response 275279

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.00
125.00	10.90	11.66
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

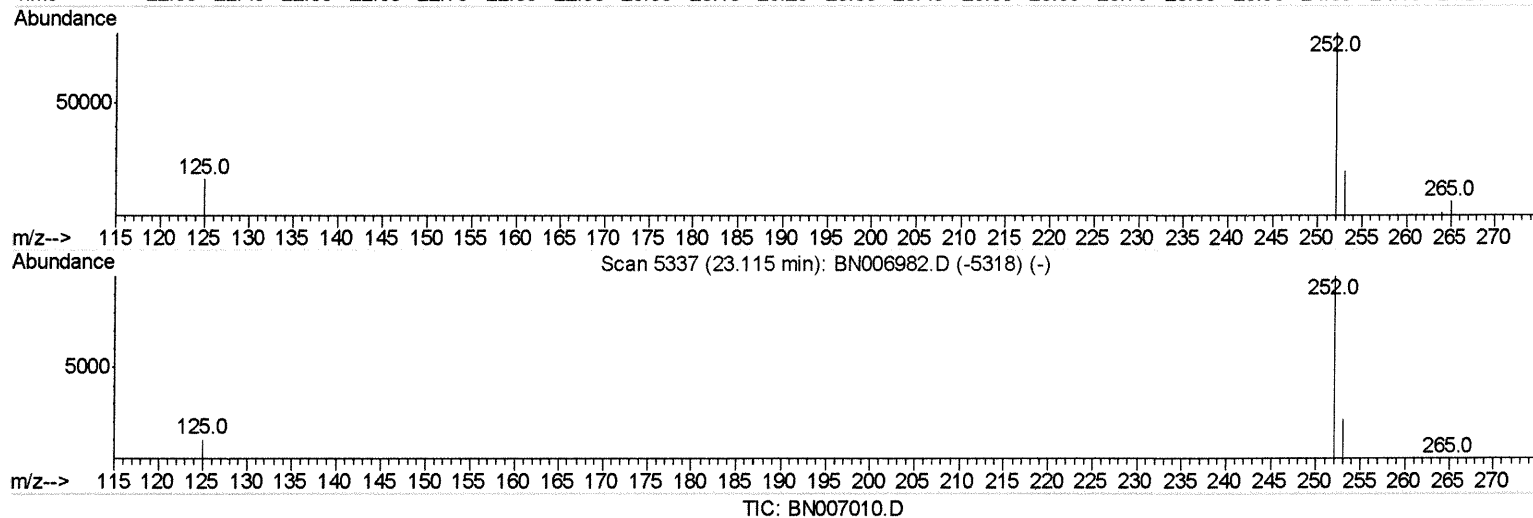
mohammad
8/9/2019 6:15:59 AM

Abundance

Time-->

Ion 252.00 (251.70 to 252.70): BN007010.D
Ion 253.00 (252.70 to 253.70): BN007010.D
Ion 125.00 (124.70 to 125.70): BN007010.D

1
23.25
2a



Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.81
125.00	12.50	20.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

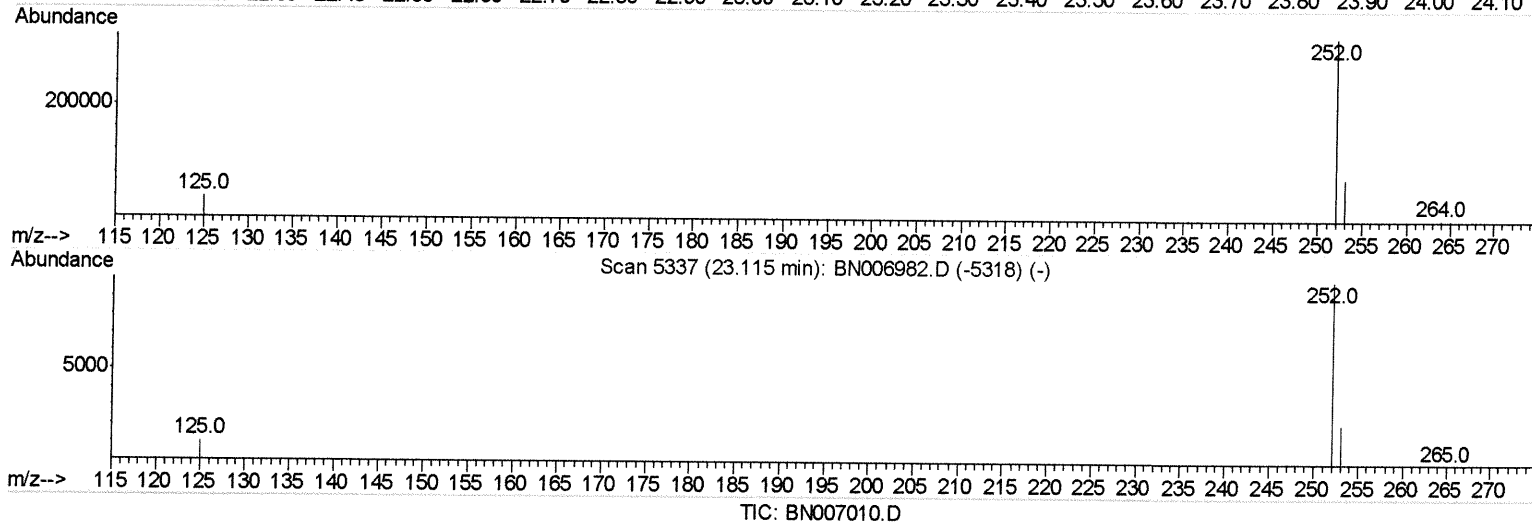
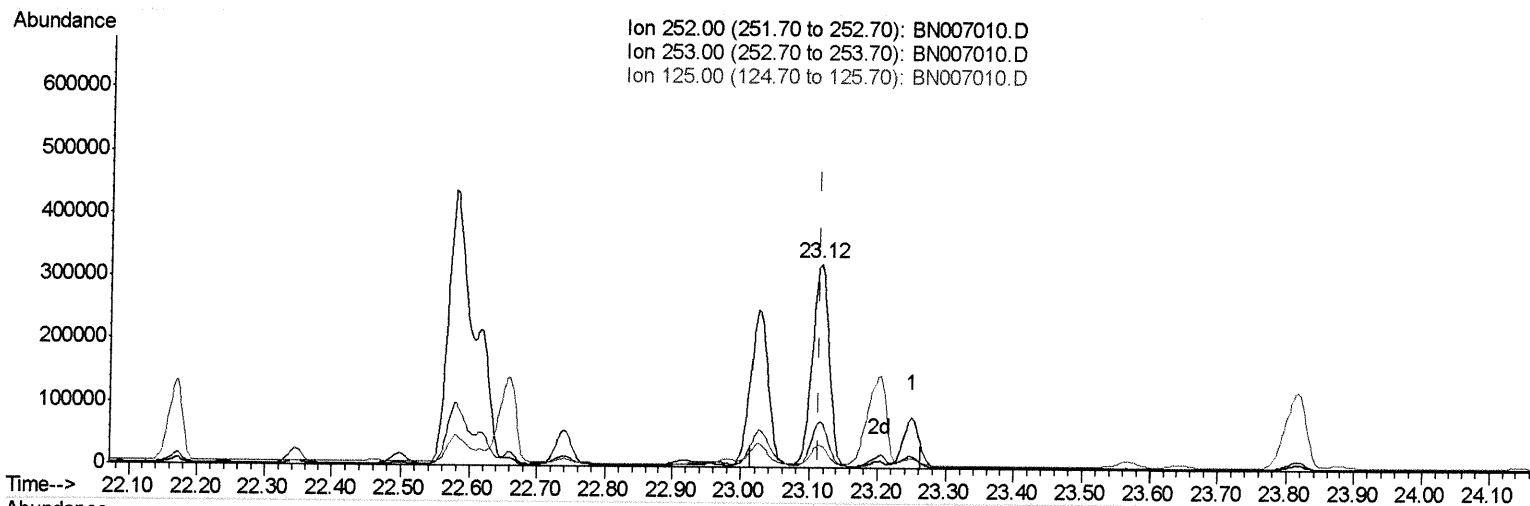
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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) 5.00ng/ul m *JU 08/09/19*

response 548157

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.72
125.00	12.50	11.36
0.00	0.00	0.00

Quantitation Report (Qedit)

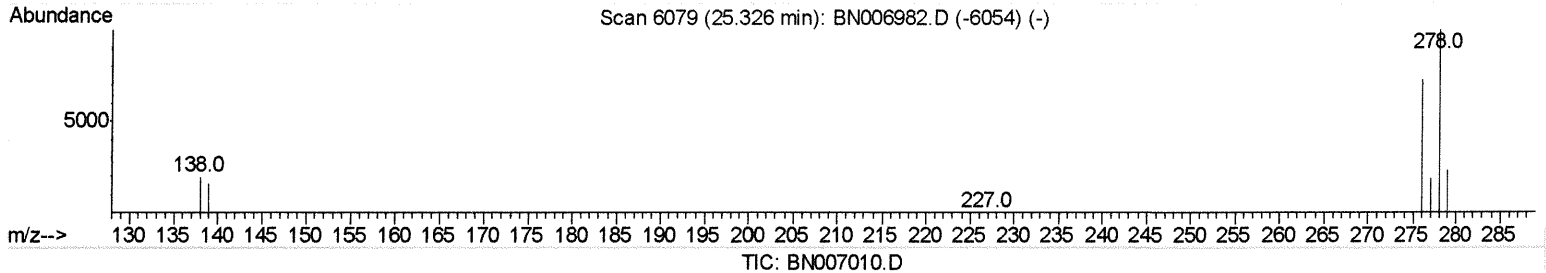
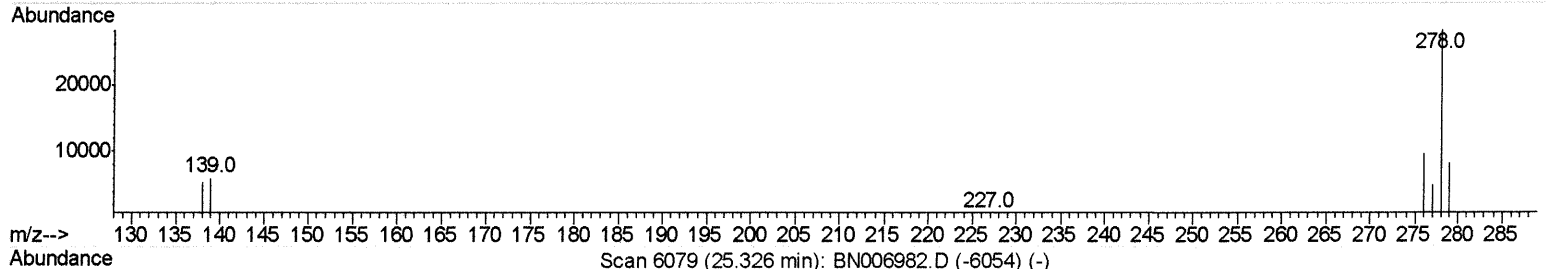
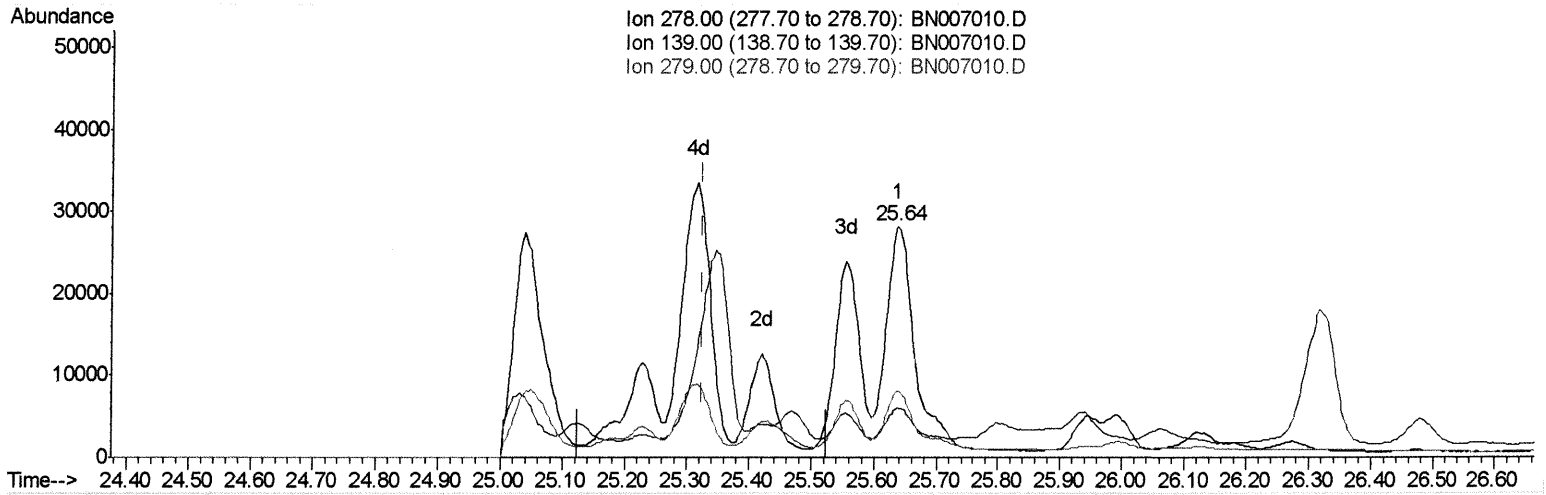
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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

25.638min (+0.312) 0.58ng/ul

response 54403

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	21.43
279.00	24.50	28.83
0.00	0.00	0.00

Quantitation Report (Qedit)

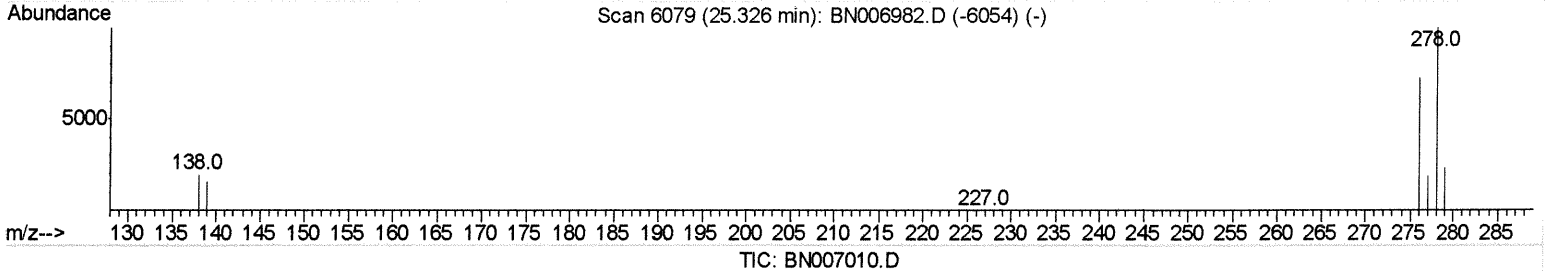
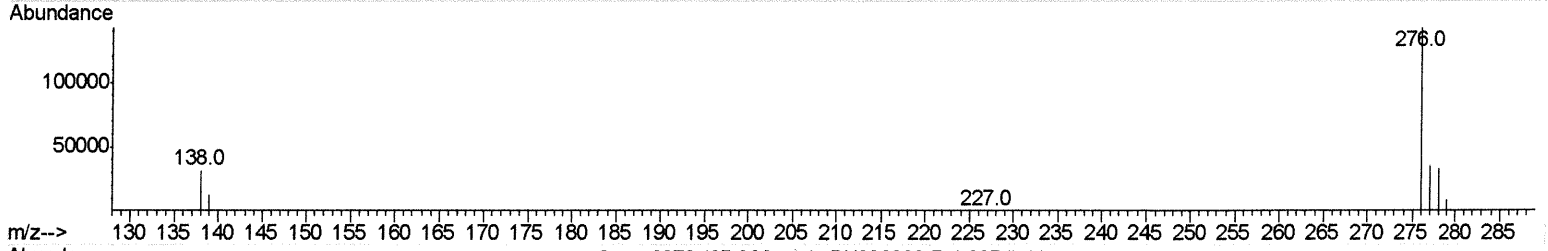
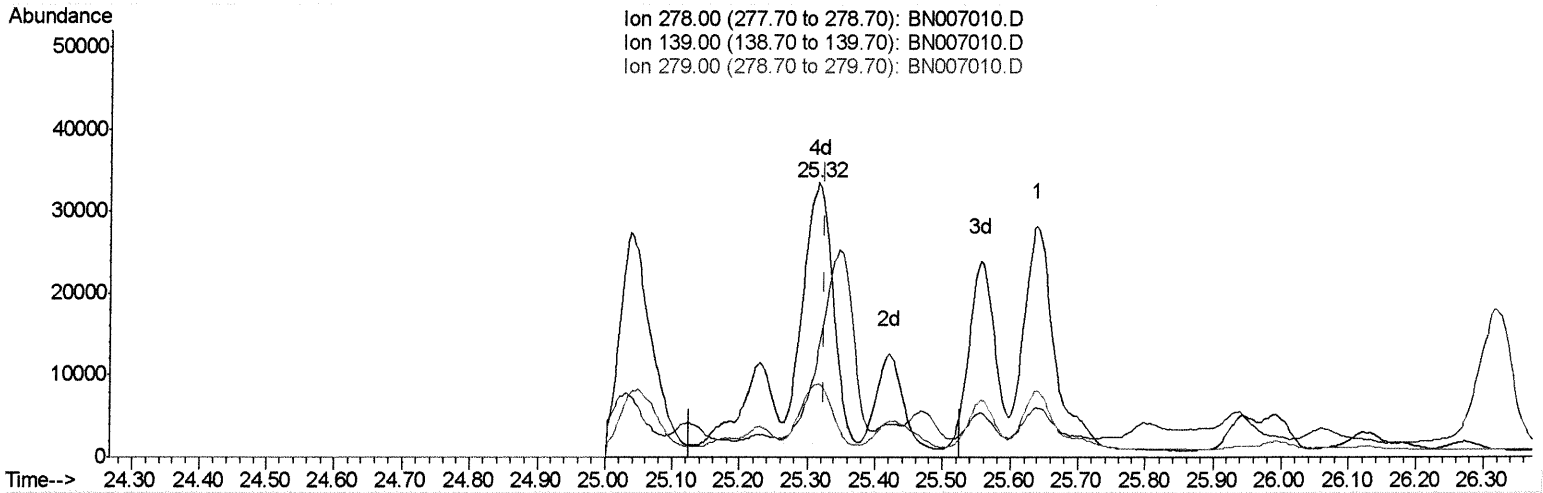
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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

25.316min (-0.010) 1.04ng/ul m

JU
08/09/19

response 97622

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	39.11#
279.00	24.50	26.66
0.00	0.00	0.00

Quantitation Report (Qedit)

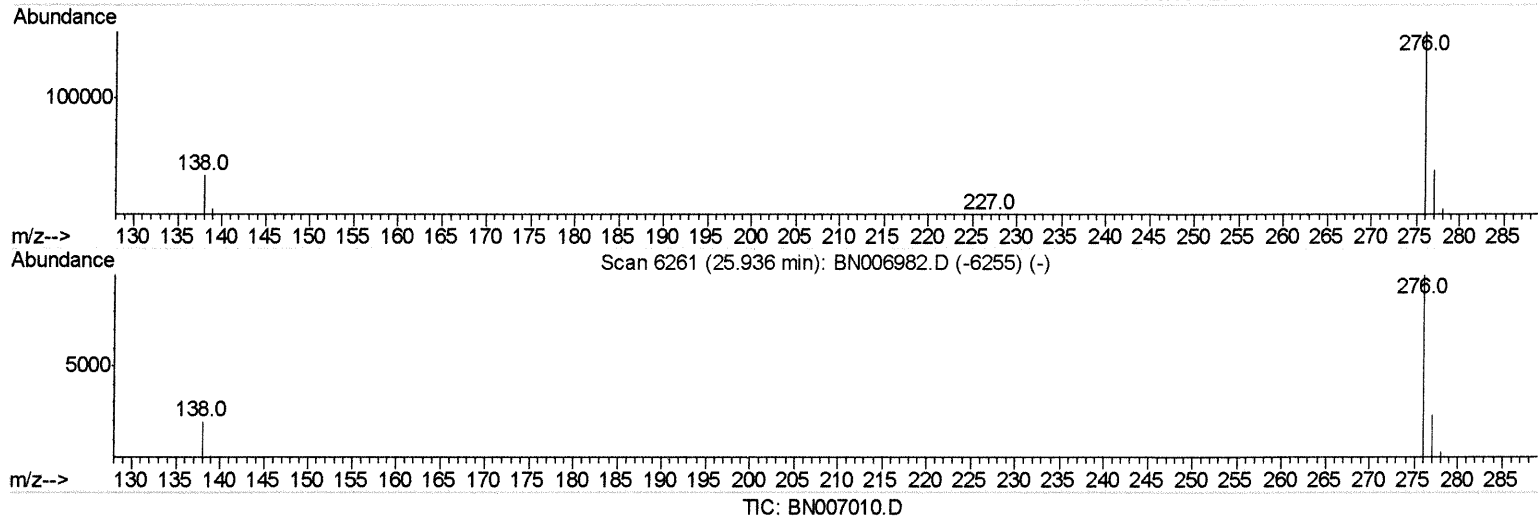
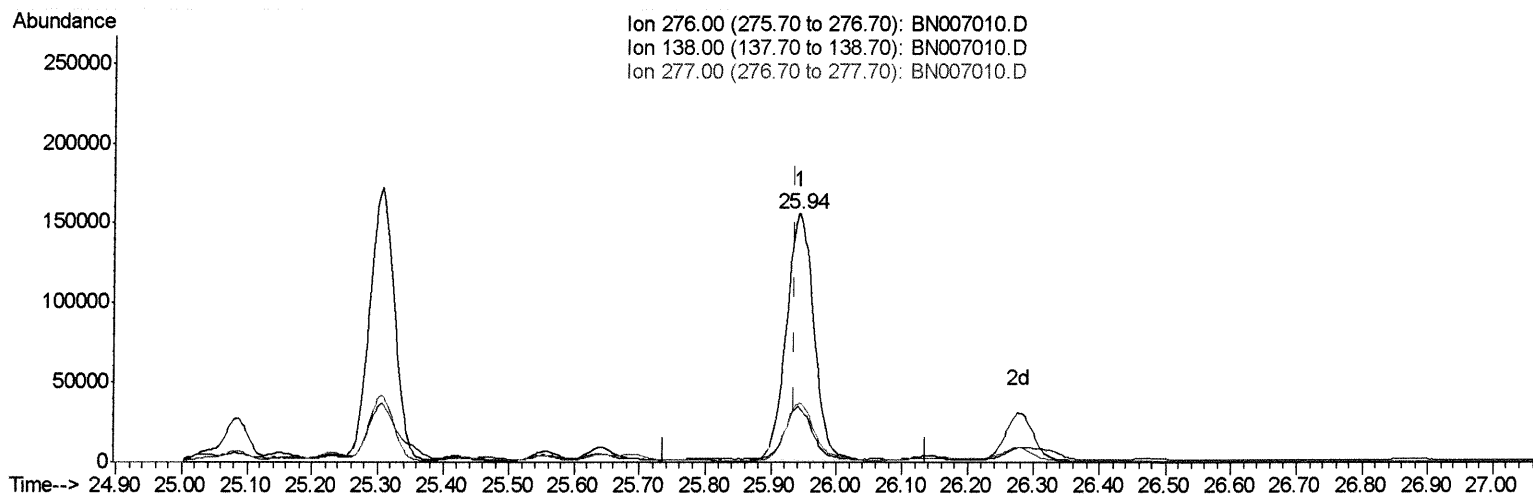
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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

25.943min (+0.007) 4.55ng/ul

response 450946

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.67
277.00	24.10	24.20
0.00	0.00	0.00

Quantitation Report (Qedit)

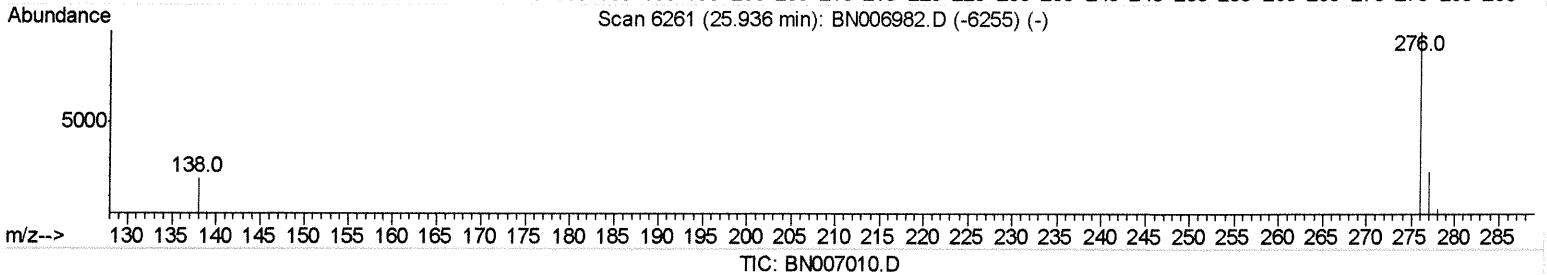
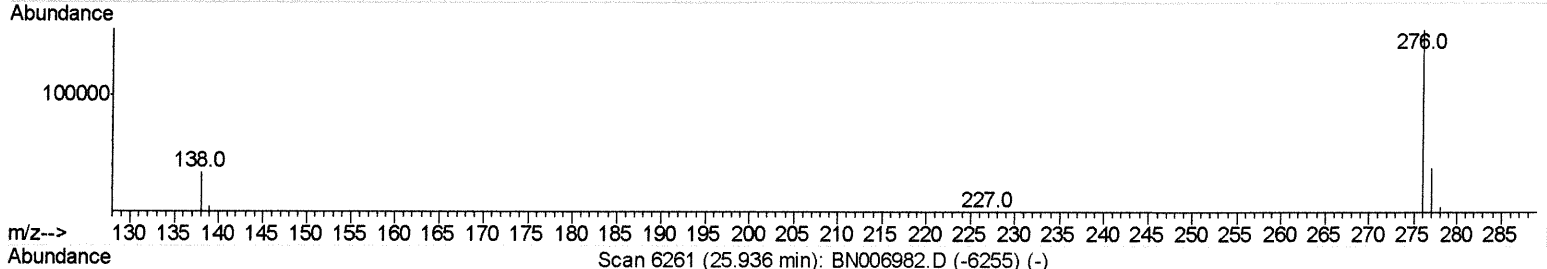
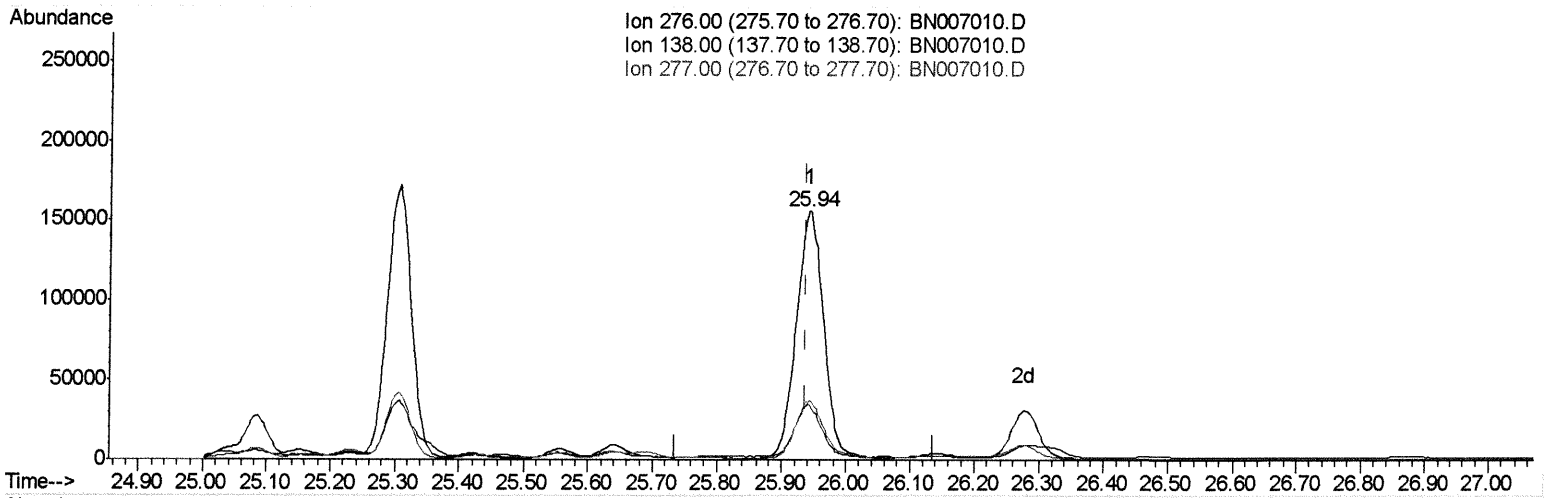
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:37:08 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

25.943min (+0.007) 4.64ng/ul m *JU 08/09/19*

response 459970

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	21.67
277.00	24.10	24.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:59 AM

Quant Time: Aug 08 08:39:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8769	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	21108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51836m →	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	30483m →	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28701m →	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12519	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	32214m →	0.19	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.28	128	9939	0.098	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	4827	0.064	ng/ul	99
7) Acenaphthylene	13.83	152	24753	0.202	ng/ul	99
8) Acenaphthene	14.18	153	16805	0.201	ng/ul	100
9) Fluorene	15.17	166	20869	0.206	ng/ul	99
12) Phenanthrene	16.90	178	547941m →	3.317	ng/ul	98
13) Anthracene	16.99	178	85840m →	0.508	ng/ul	98
15) Fluoranthene	18.93	202	1596394m →	7.774	ng/ul	98
17) Pyrene	19.29	202	1348177	9.907	ng/ul	98
18) Benzo(a)anthracene	21.06	228	544802m →	4.069	ng/ul	97
19) Chrysene	21.11	228	685772	5.469	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	878637m →	7.551	ng/ul	97
22) Benzo(k)fluoranthene	22.62	252	275279m →	2.441	ng/ul	97
23) Benzo(a)pyrene	23.12	252	548157m →	5.003	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.31	276	442859	3.750	ng/ul	99
25) Dibenzo(a,h)anthracene	25.32	278	97622m →	1.035	ng/ul	97
26) Benzo(a,h,i)perylene	25.94	276	459970m →	4.643	ng/ul	97

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