

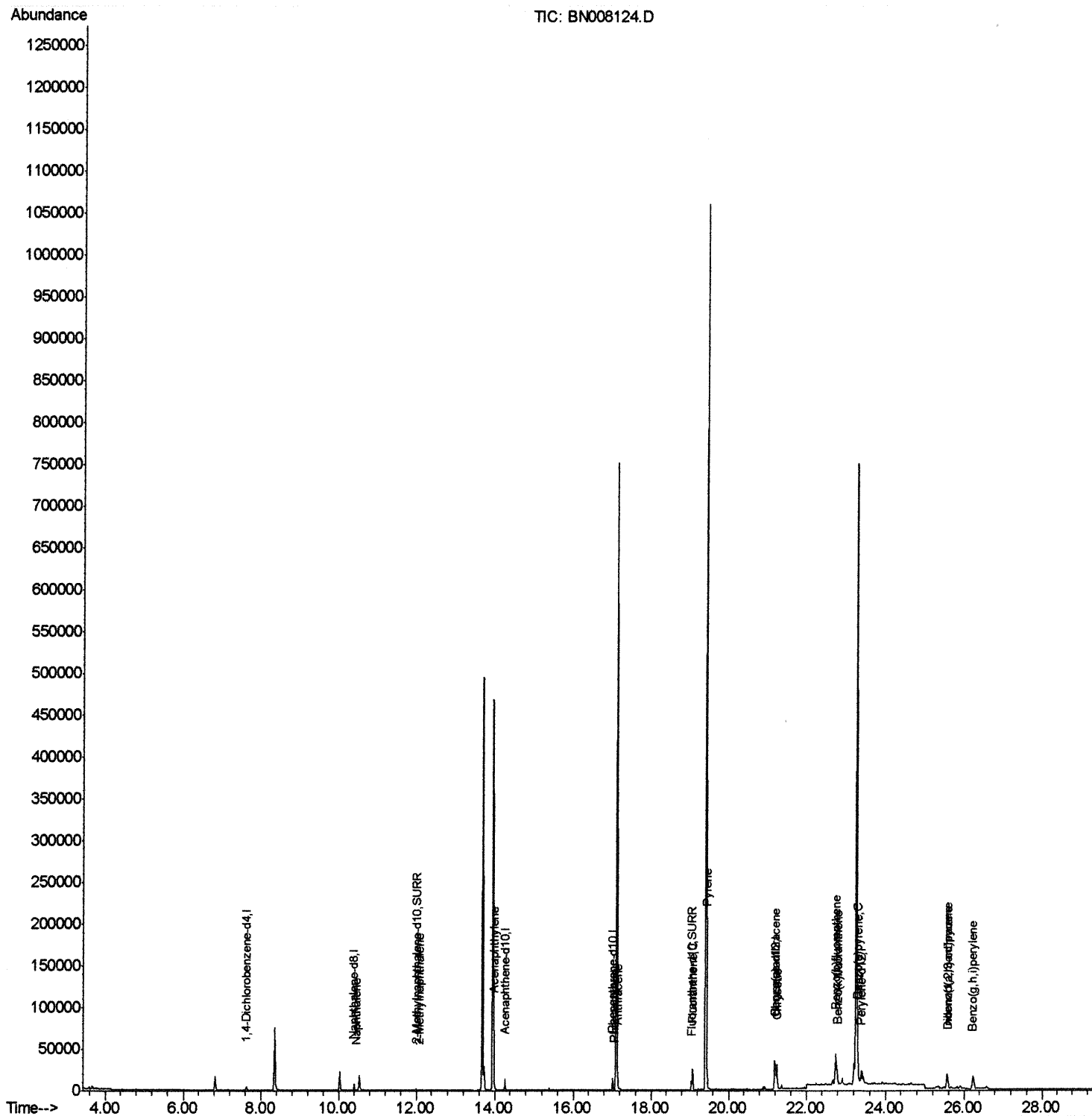
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

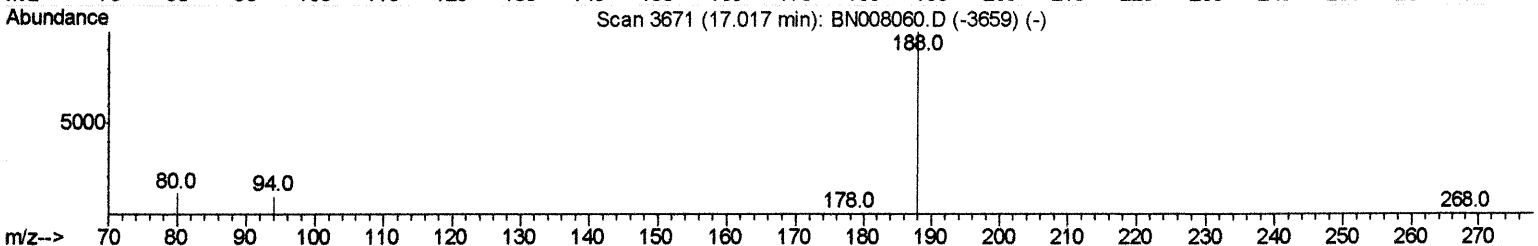
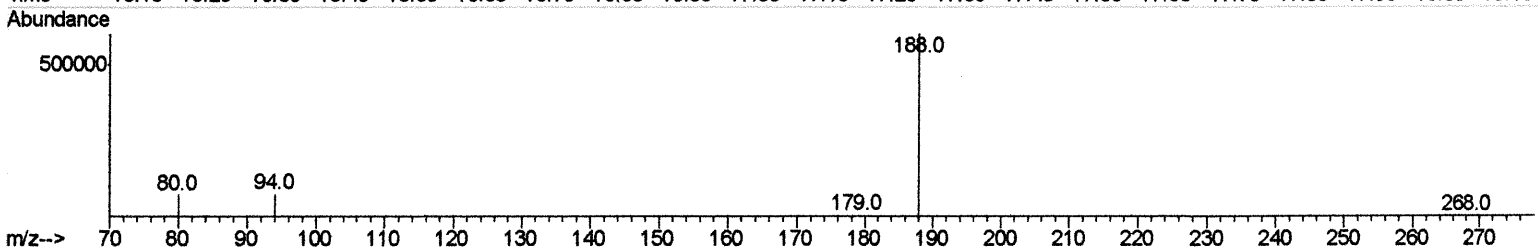
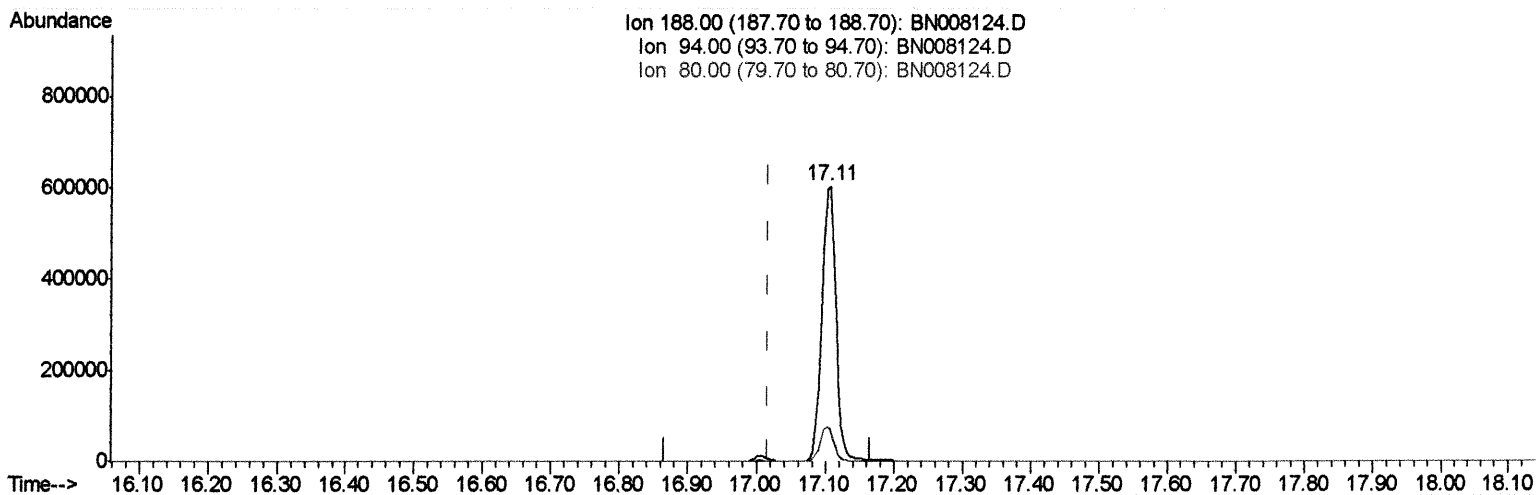
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 00:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008124.D

(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 841603

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.87
80.00	12.60	11.45
0.00	0.00	0.00

Quantitation Report (Qedit)

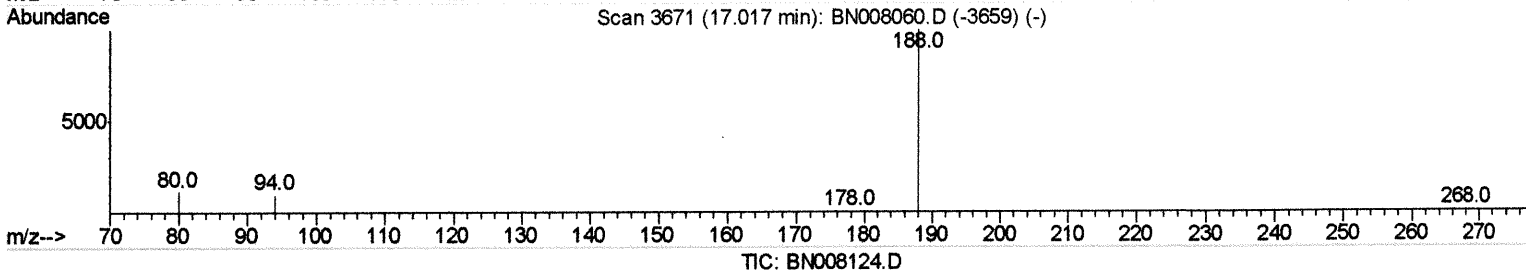
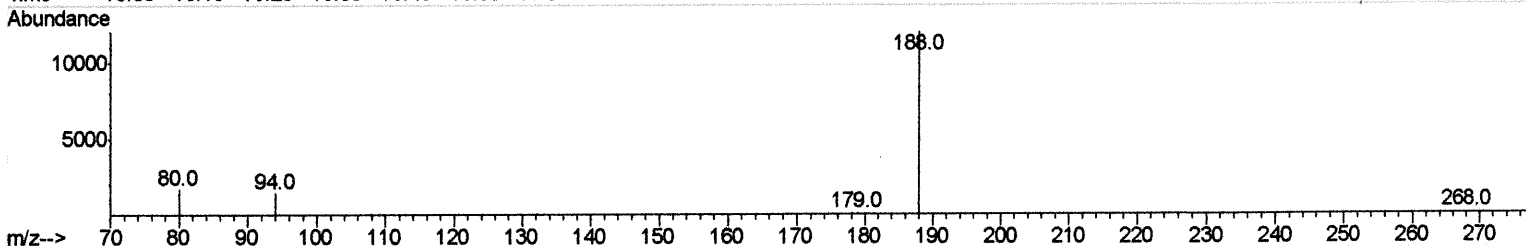
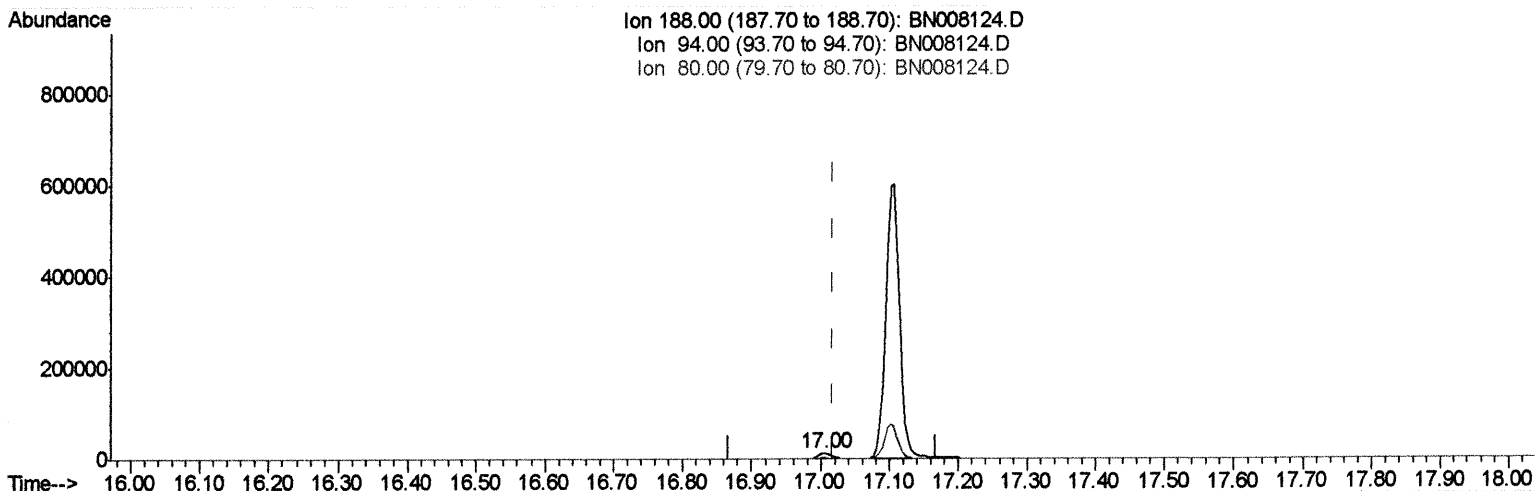
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 00:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.004min (-0.013) 0.40ng/ul m *RI 10/16/19*

response 17103

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.79
80.00	12.60	13.97
0.00	0.00	0.00

Quantitation Report (Qedit)

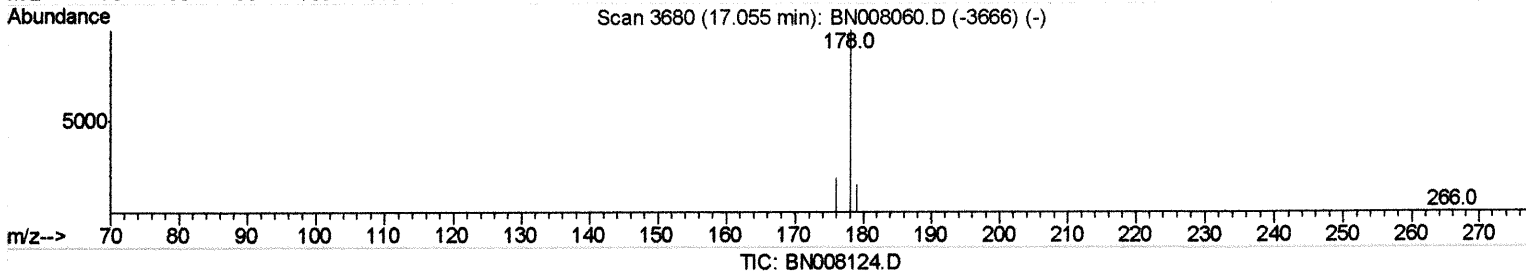
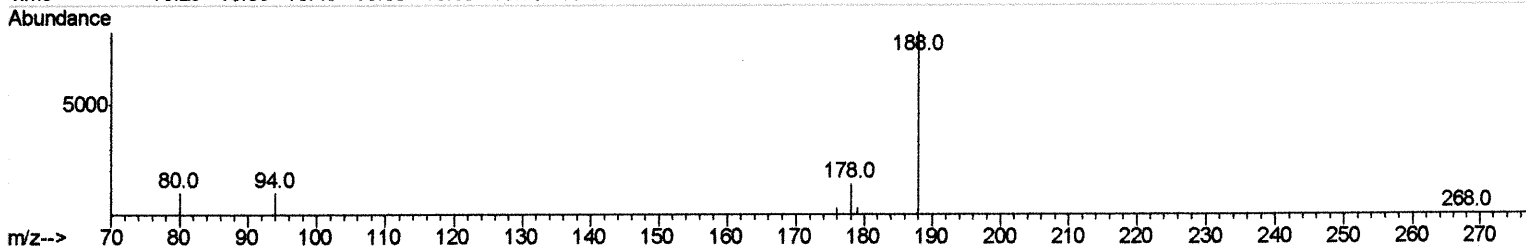
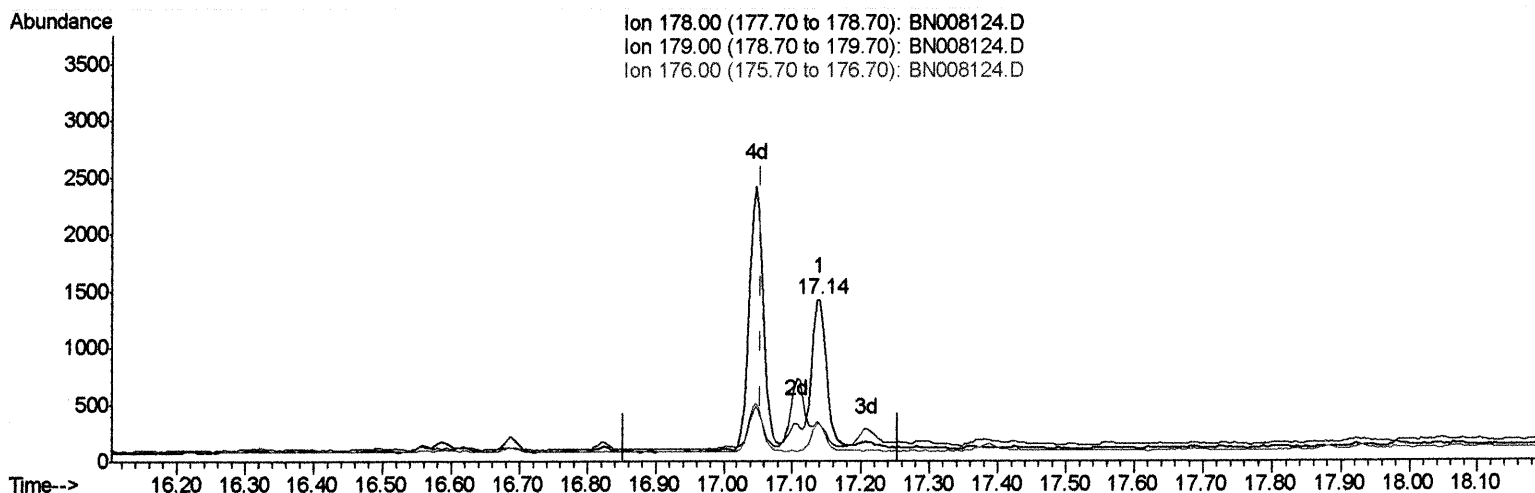
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(12) Phenanthrene

17.139min (+0.084) 0.04ng/ui

response 1995

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	23.40#
176.00	19.30	22.91
0.00	0.00	0.00

Quantitation Report (Qedit)

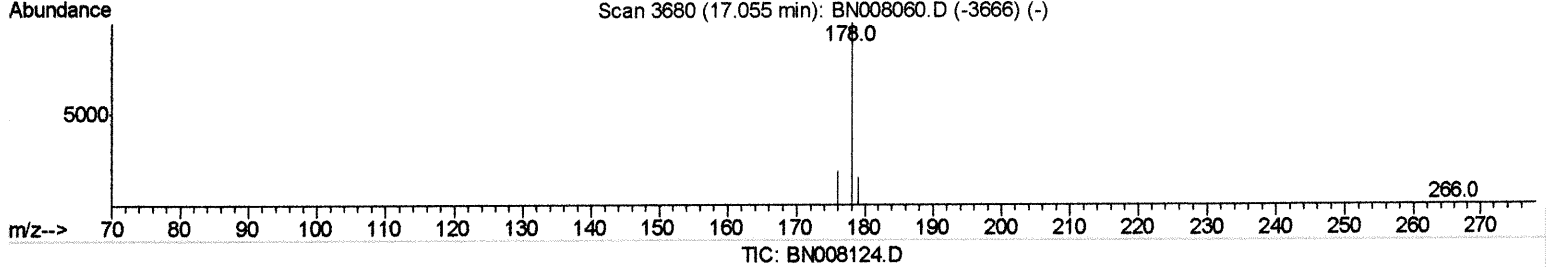
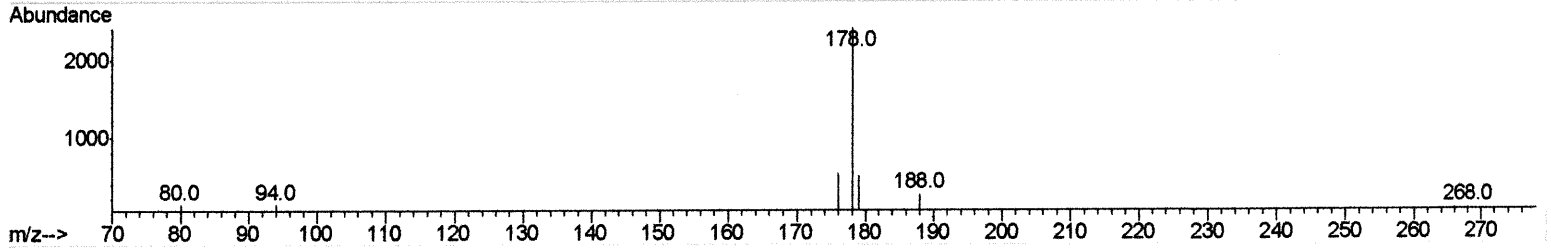
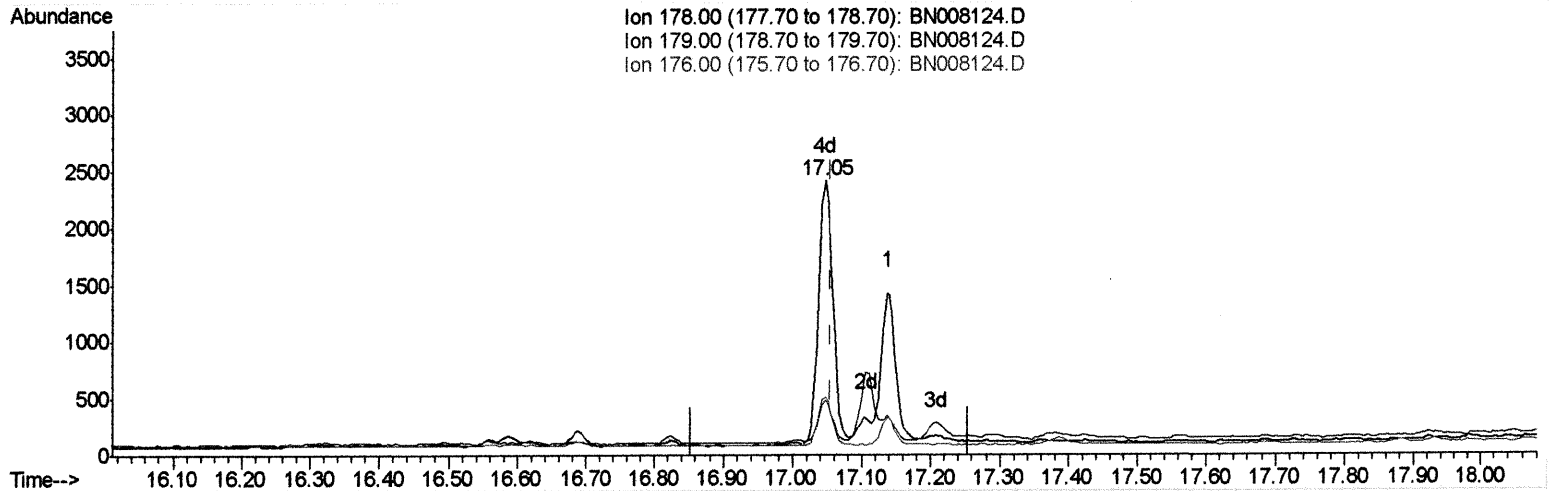
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.047min (-0.008) 0.07ng/ul m *24/10/16/19*

response 3333

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	20.17#
176.00	19.30	21.36
0.00	0.00	0.00

Quantitation Report (Qedit)

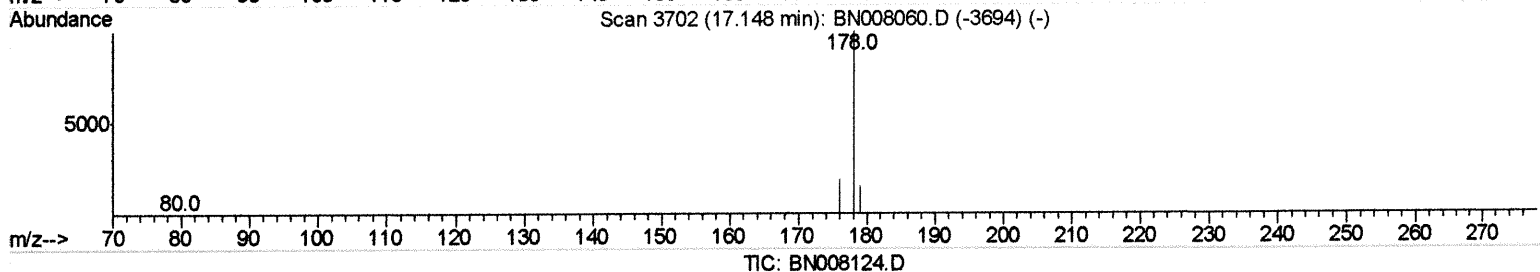
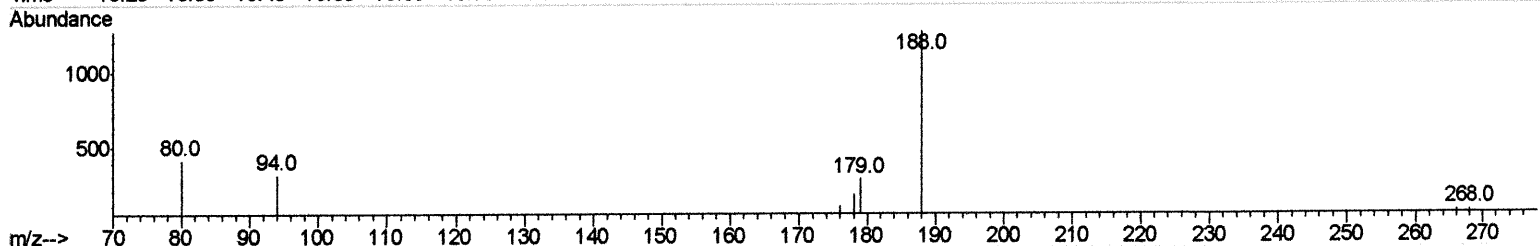
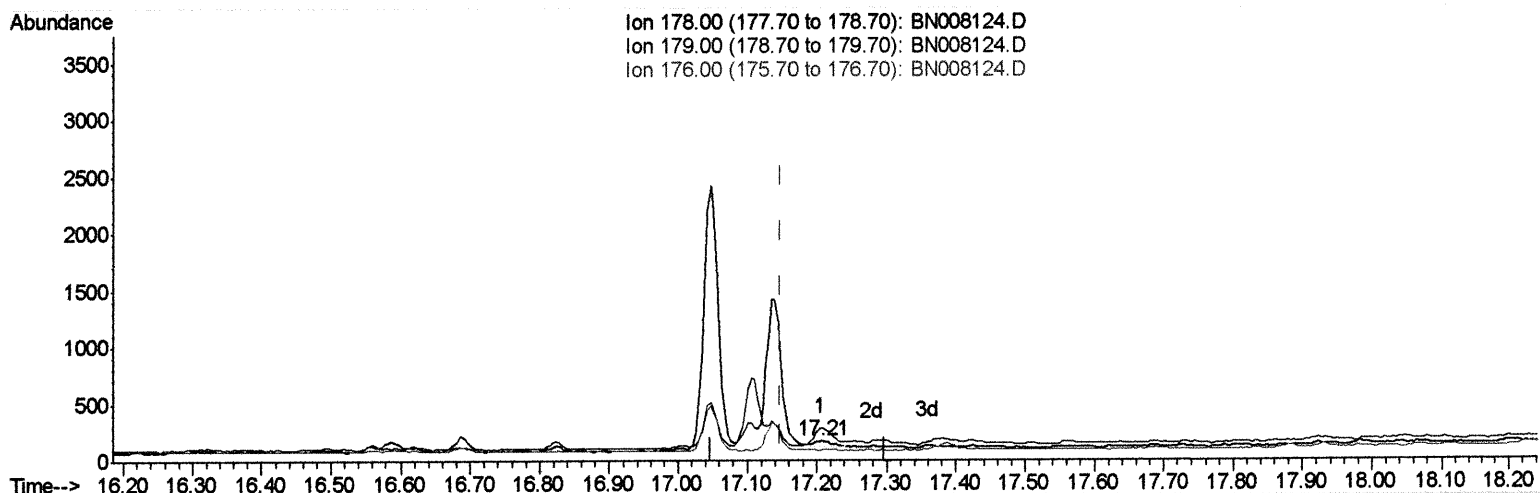
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(13) Anthracene

17.207min (+0.059) 0.00ng/ul

response 89

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	162.50#
176.00	18.80	55.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

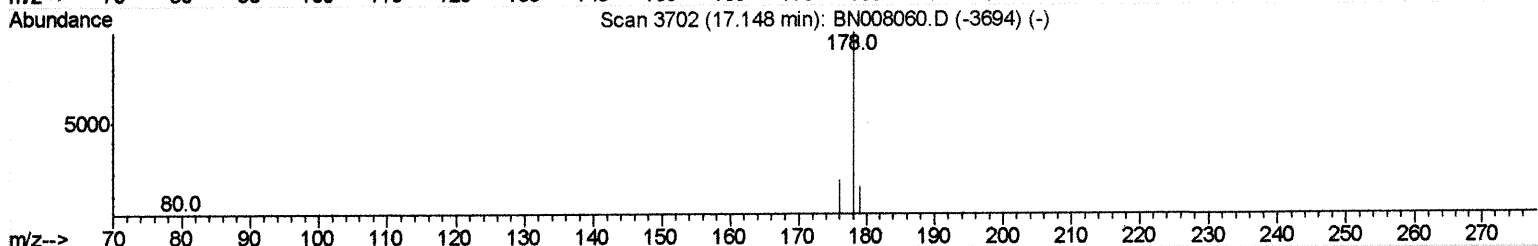
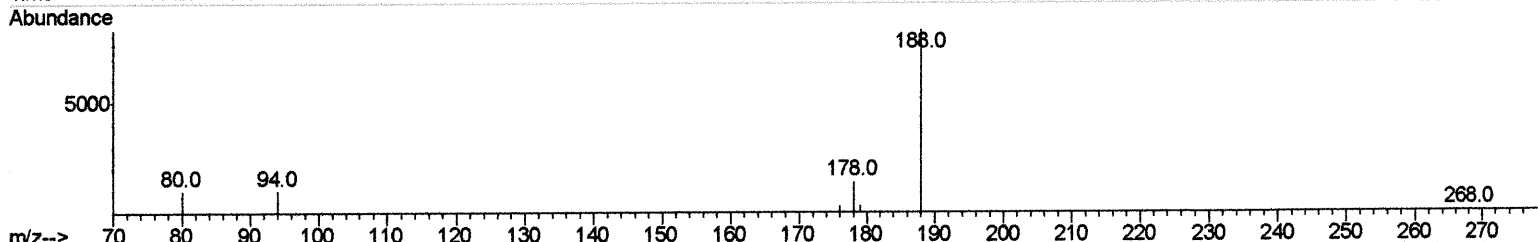
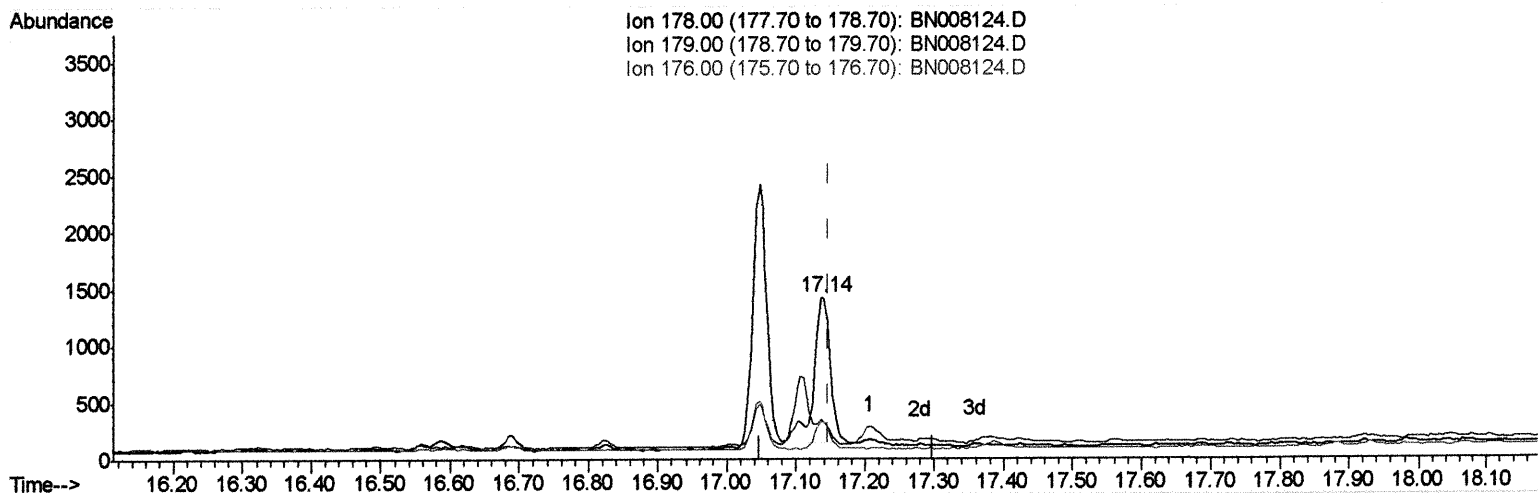
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(13) Anthracene

17.139min (-0.008) 0.04ng/ul m 24/10/16/19

response 1854

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	23.40#
176.00	18.80	22.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

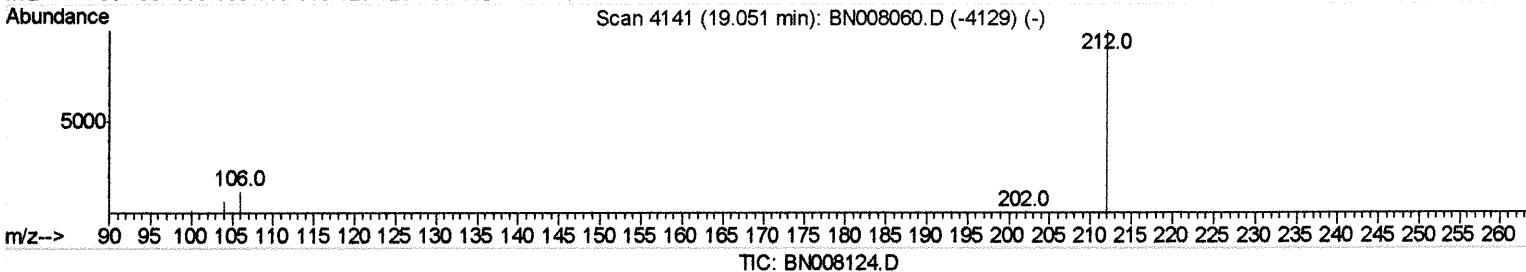
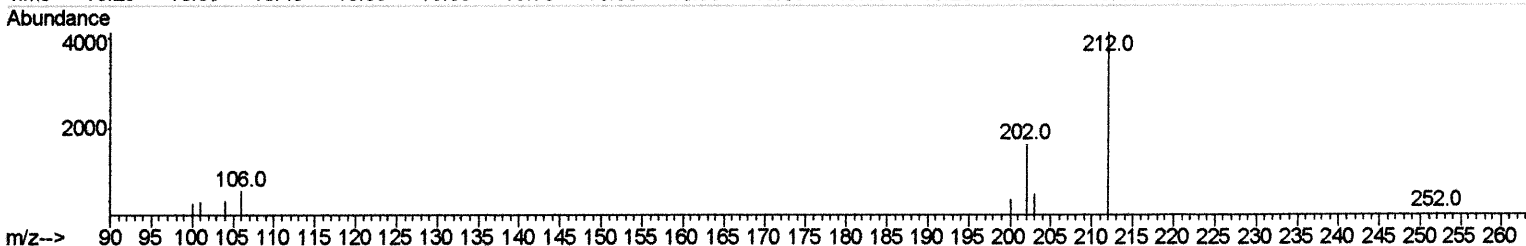
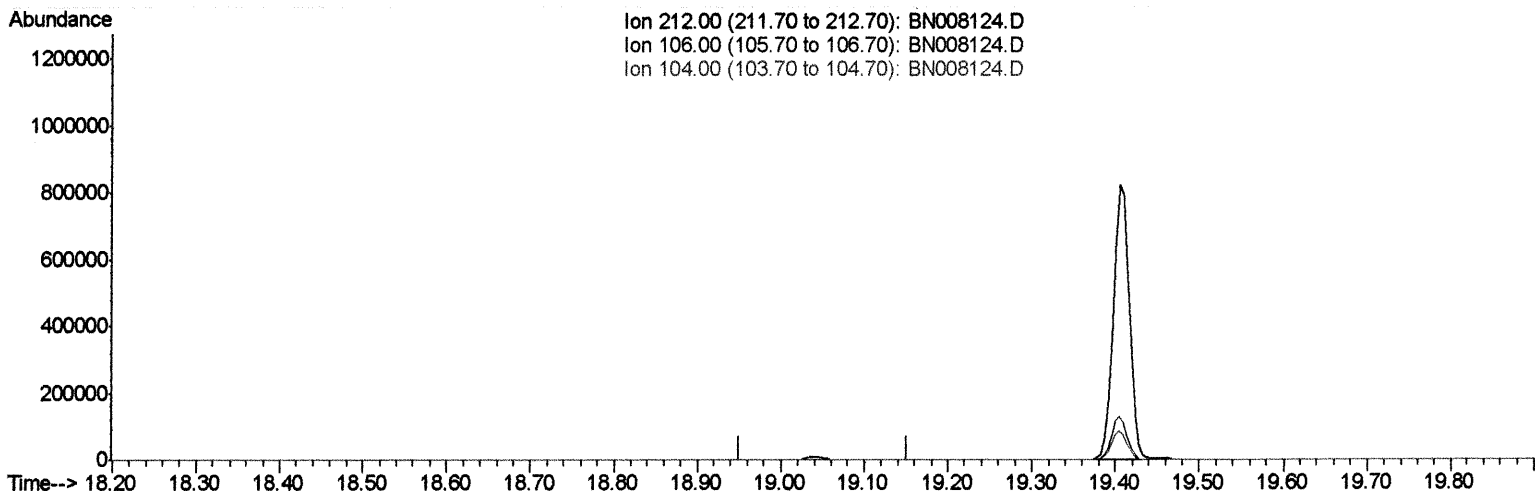
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

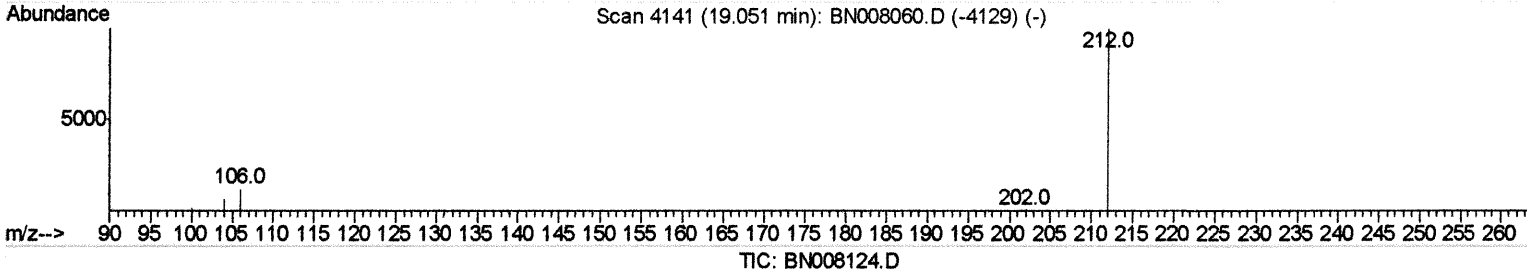
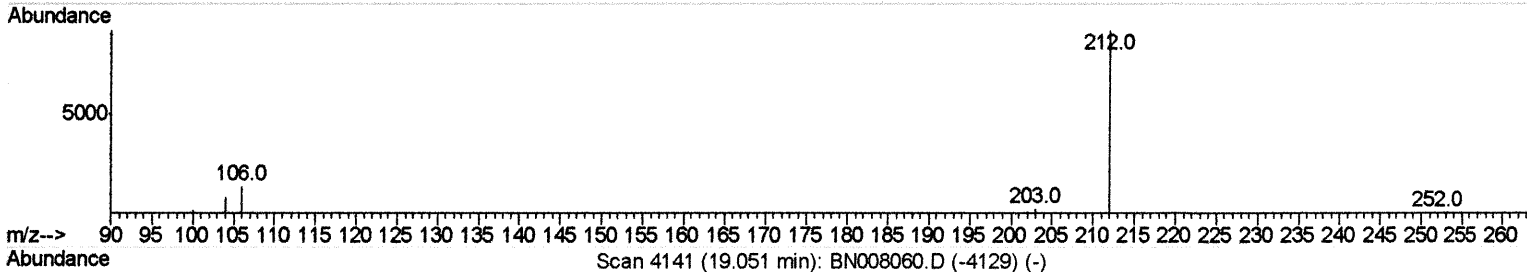
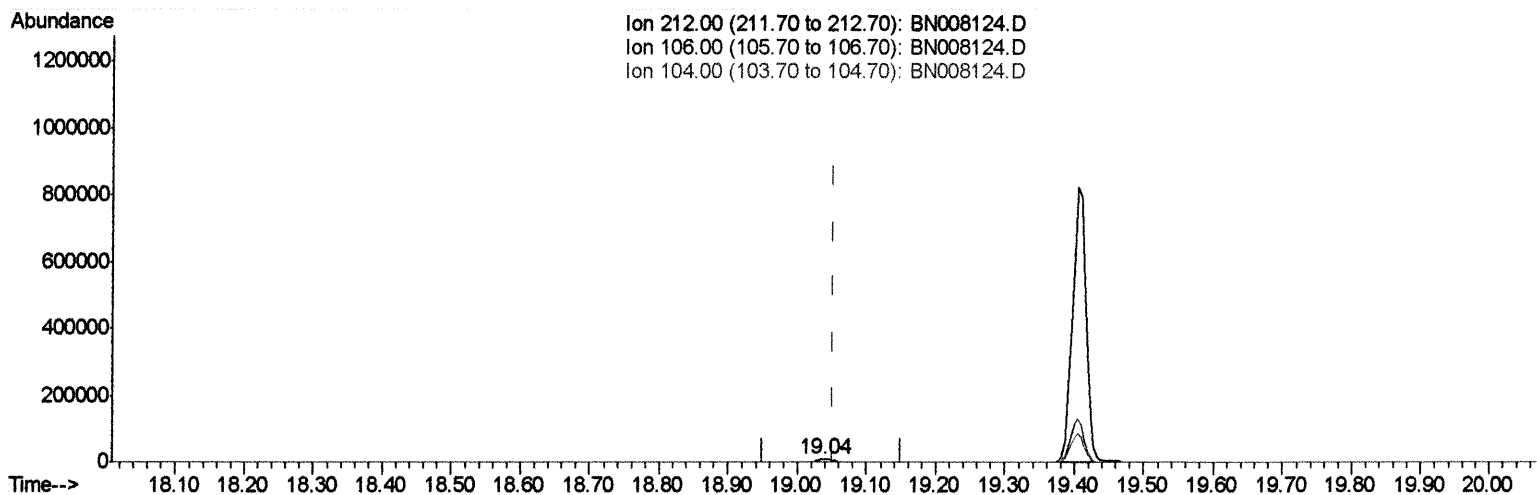
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.037min (-0.014) 0.21ng/ul m 2410/16/19

response 12455

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

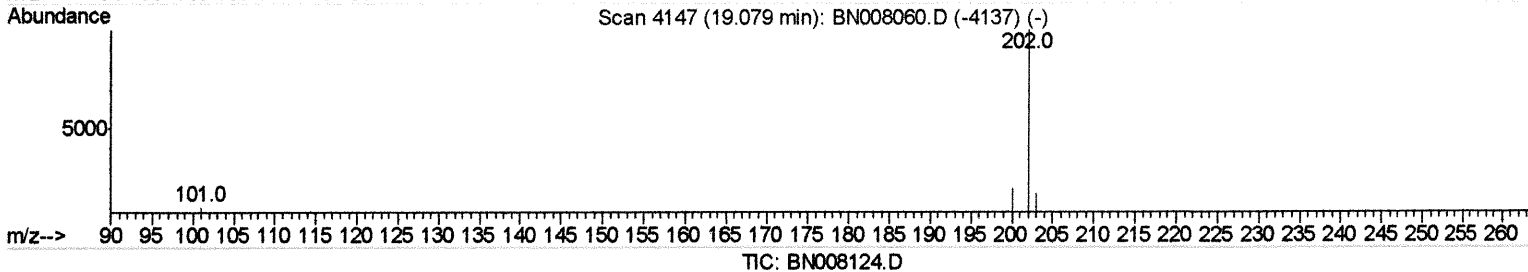
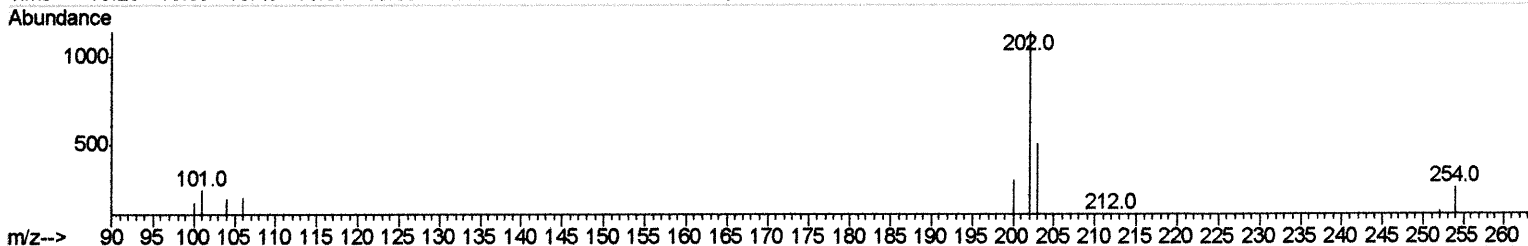
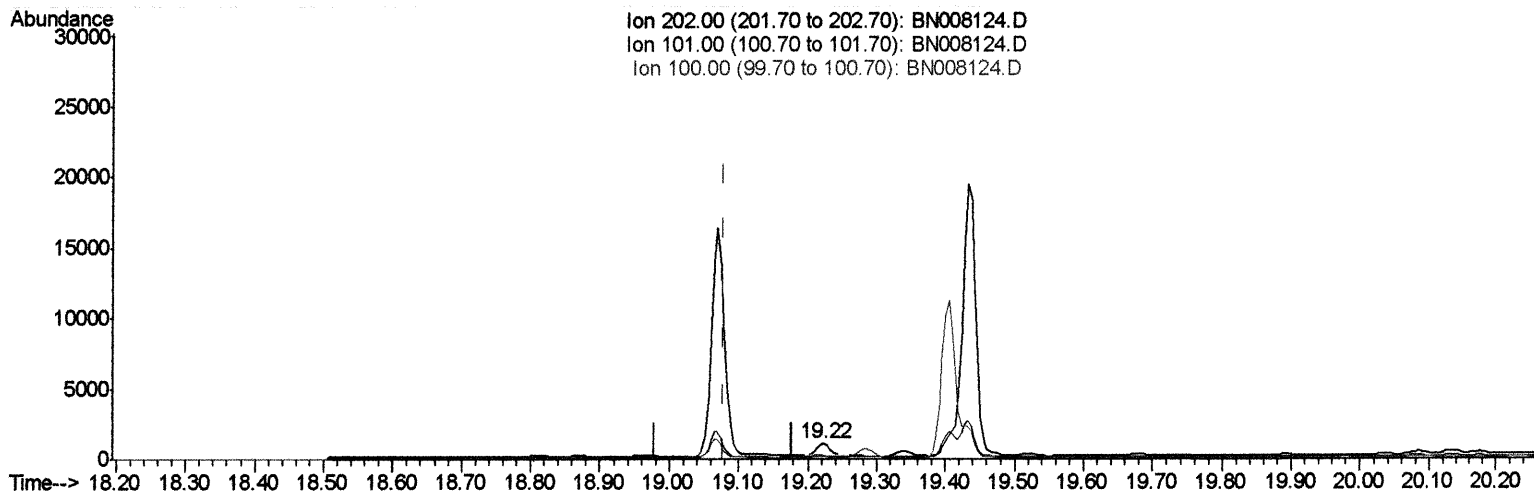
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.223min (+0.144) 0.02ng/ul

response 1220

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	21.02
100.00	8.50	14.89
0.00	0.00	0.00

Quantitation Report (Qedit)

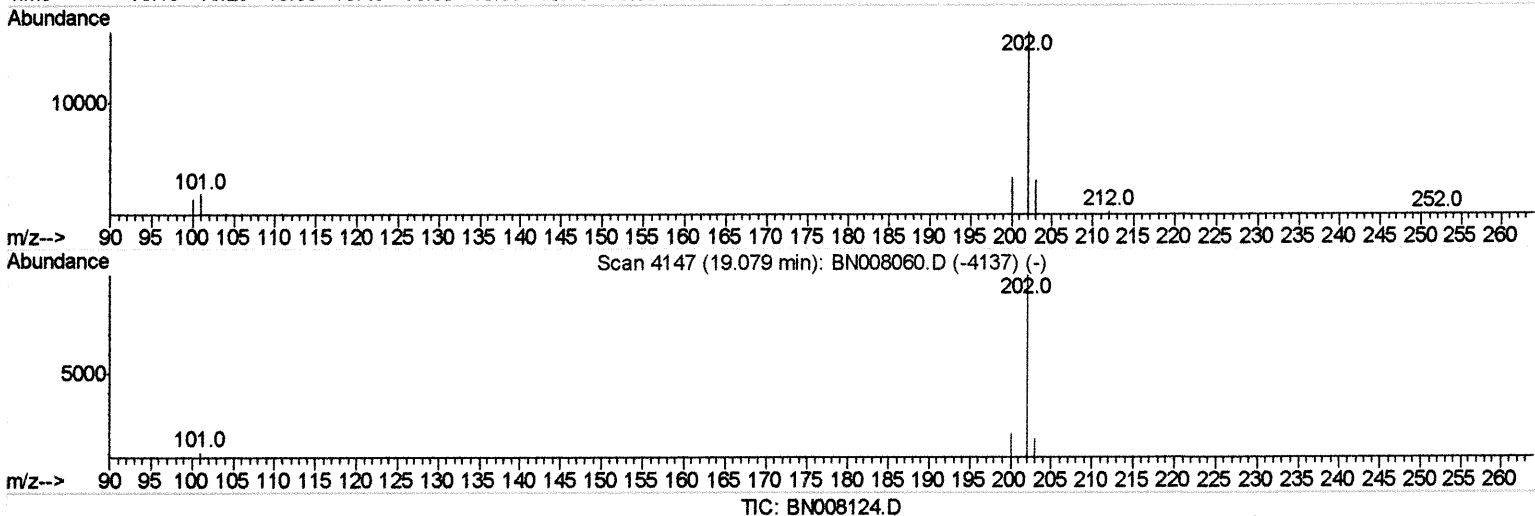
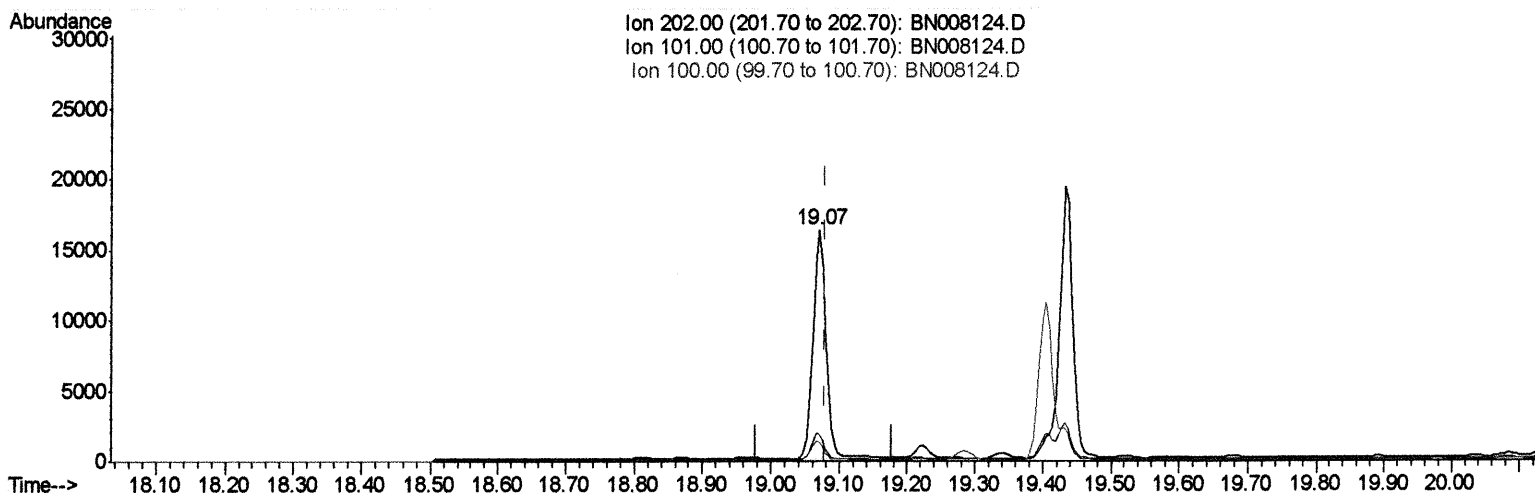
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.070min (-0.009) 0.32ng/ul m *2410/16/19*

response 21449

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.71
100.00	8.50	8.86
0.00	0.00	0.00

Quantitation Report (Qedit)

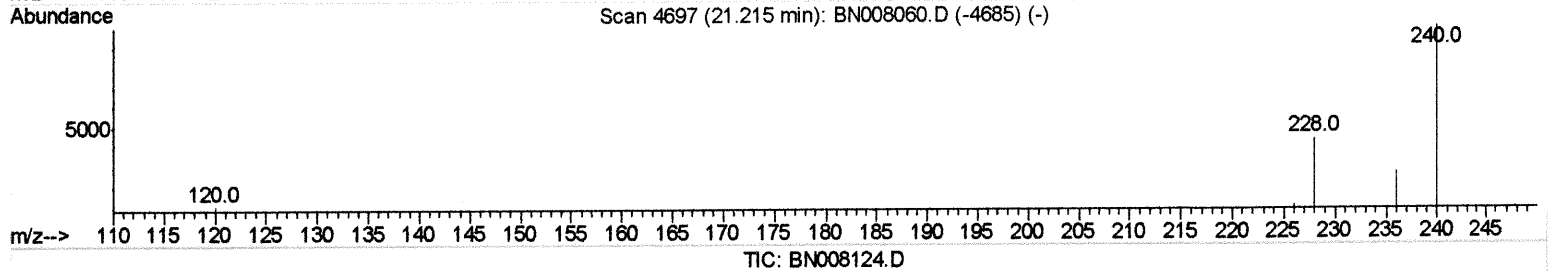
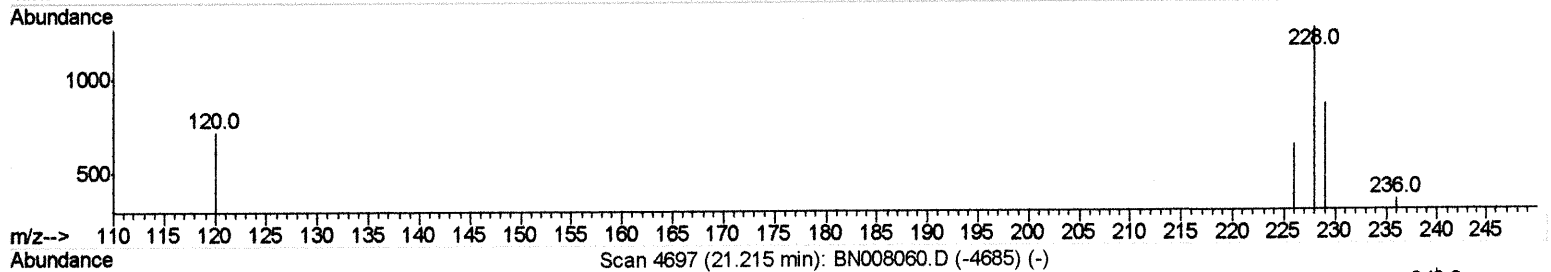
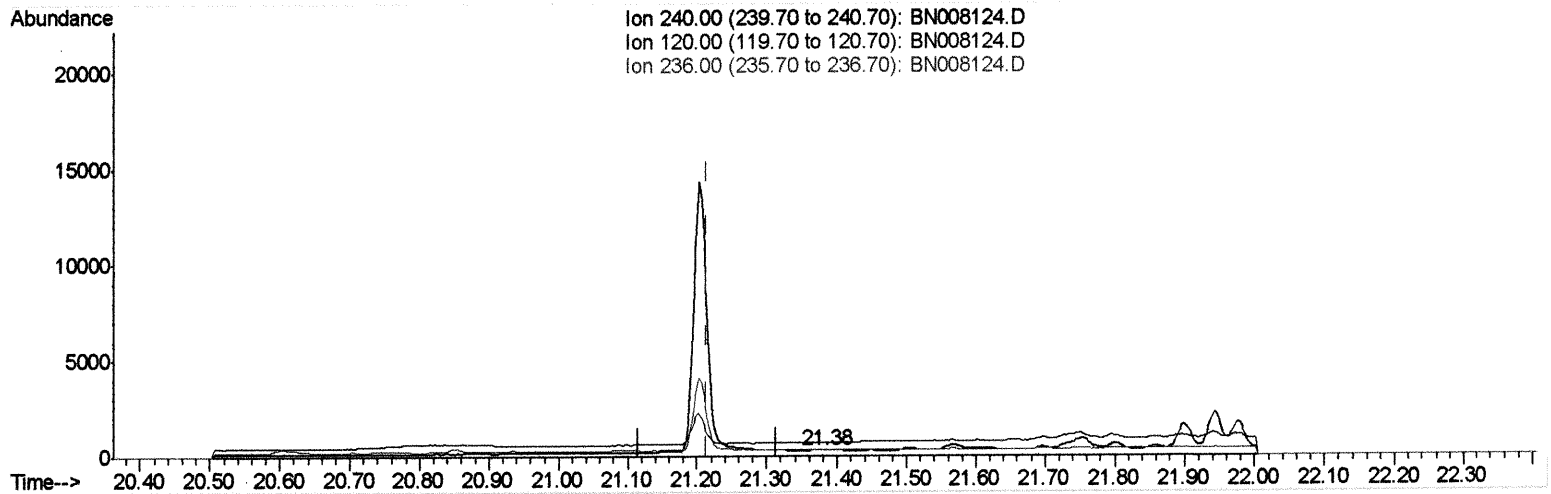
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.382min (+0.167) 0.40ng/ul

response 61

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	247.08#
236.00	28.40	117.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

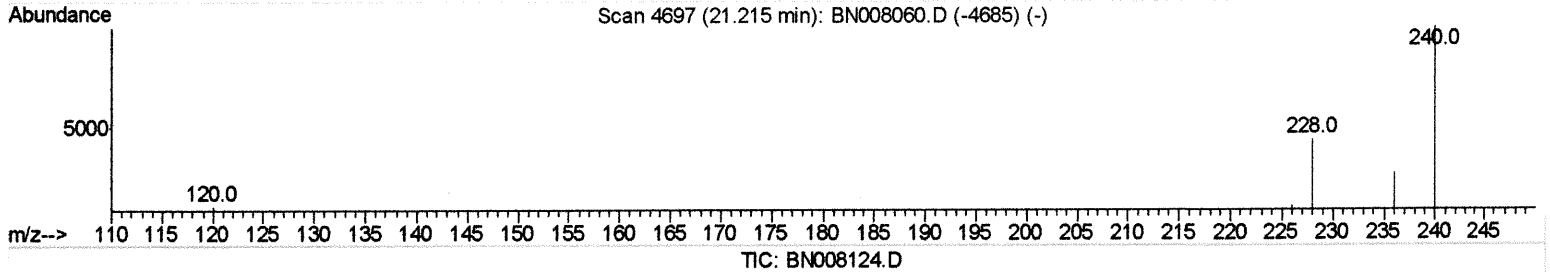
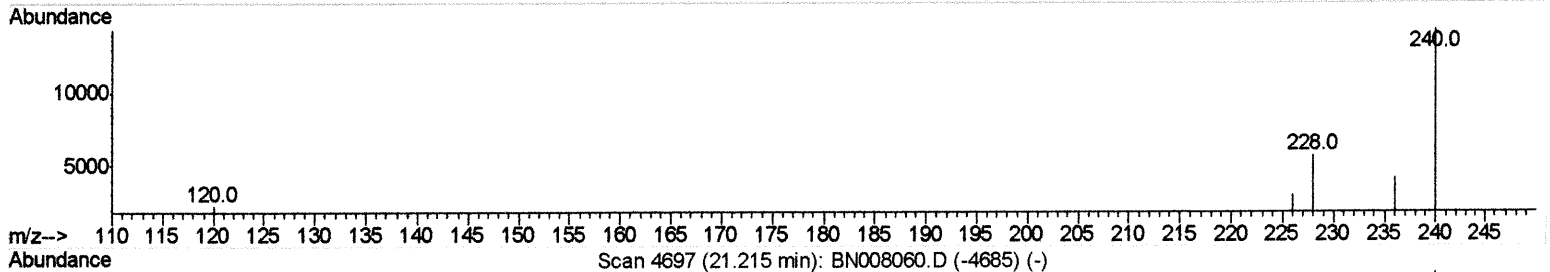
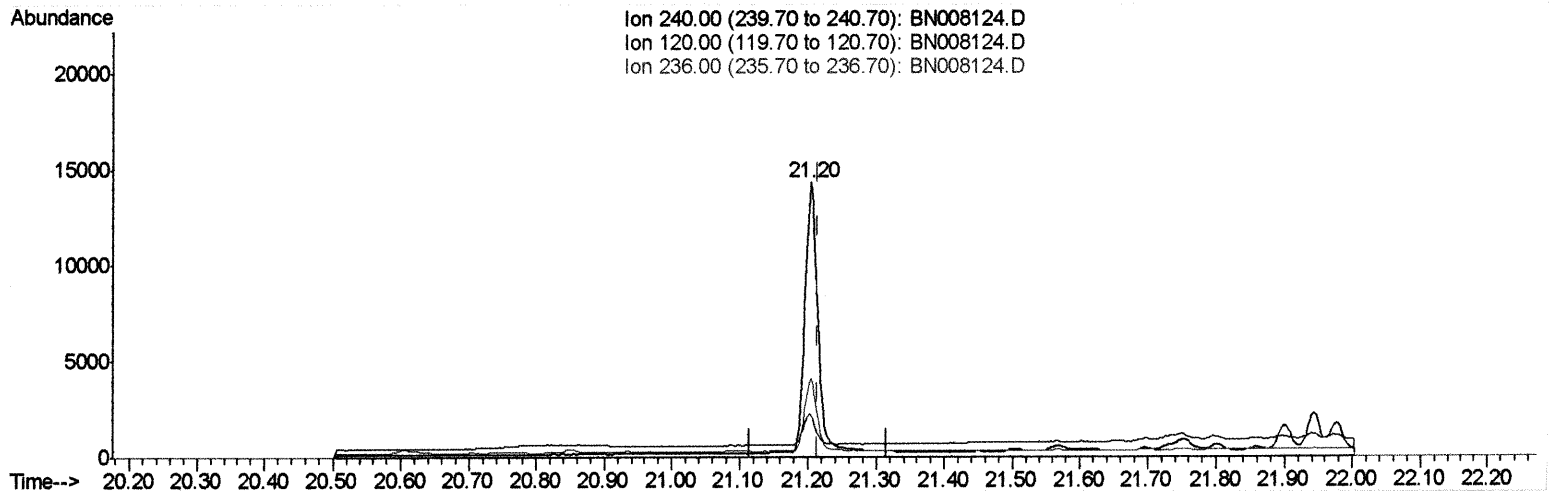
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.204min (-0.012) 0.40ng/ul m *2410/16/19*

response 18851

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	15.62
236.00	28.40	28.74
0.00	0.00	0.00

Quantitation Report (Qedit)

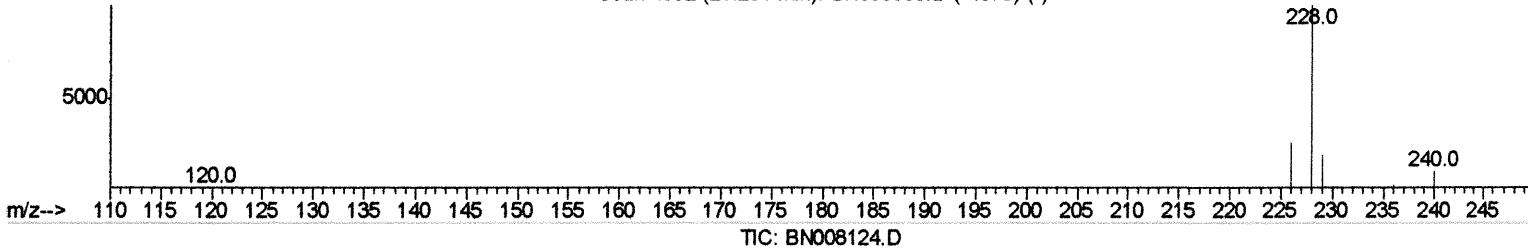
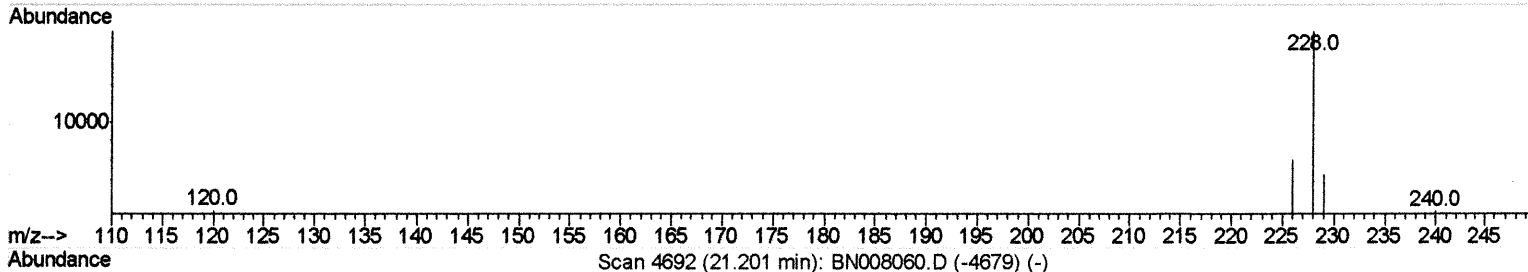
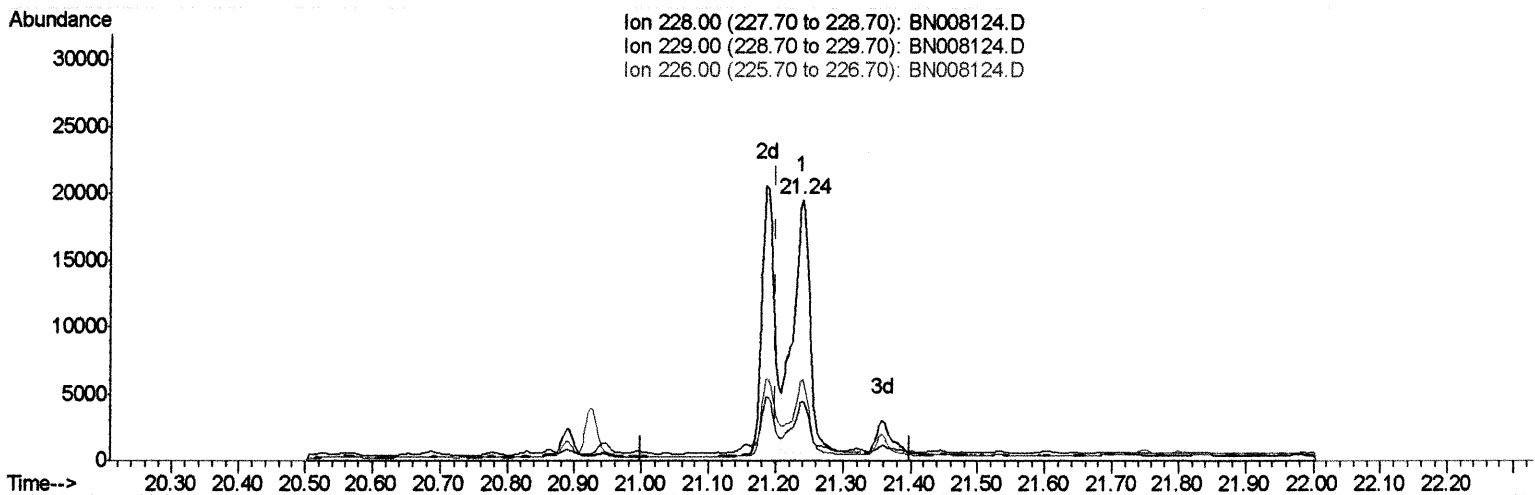
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:37:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.239min (+0.038) 0.48ng/ul

response 33225

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	23.07
226.00	26.70	30.84
0.00	0.00	0.00

Quantitation Report (Qedit)

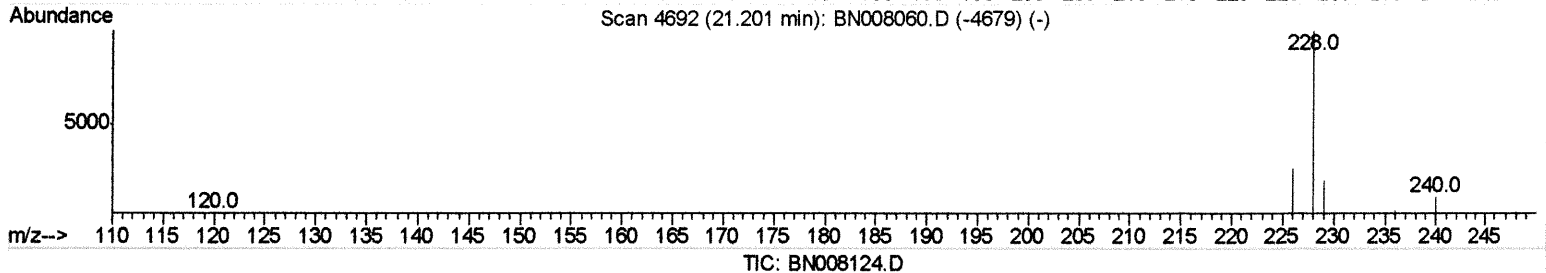
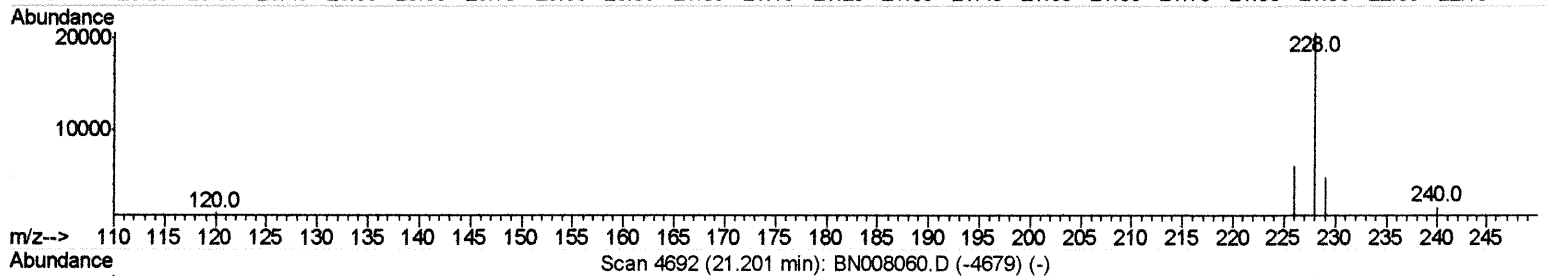
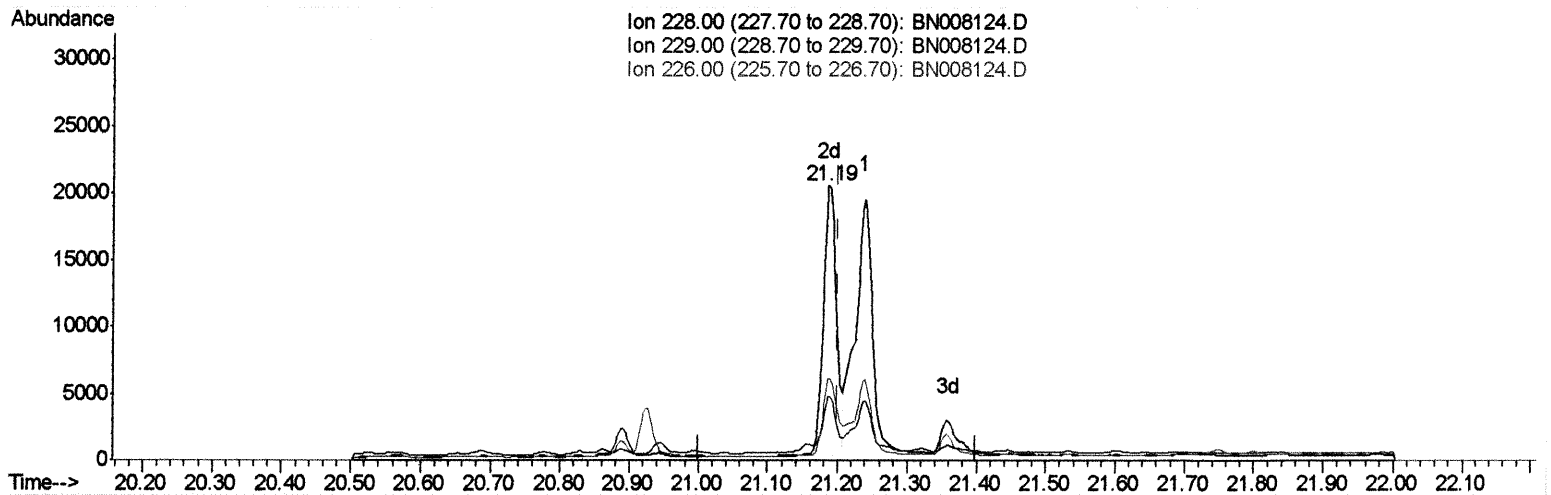
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:37:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.186min (-0.015) 0.38ng/ul m 24/10/16/19

response 26222

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	22.99
226.00	26.70	29.50
0.00	0.00	0.00

Quantitation Report (Qedit)

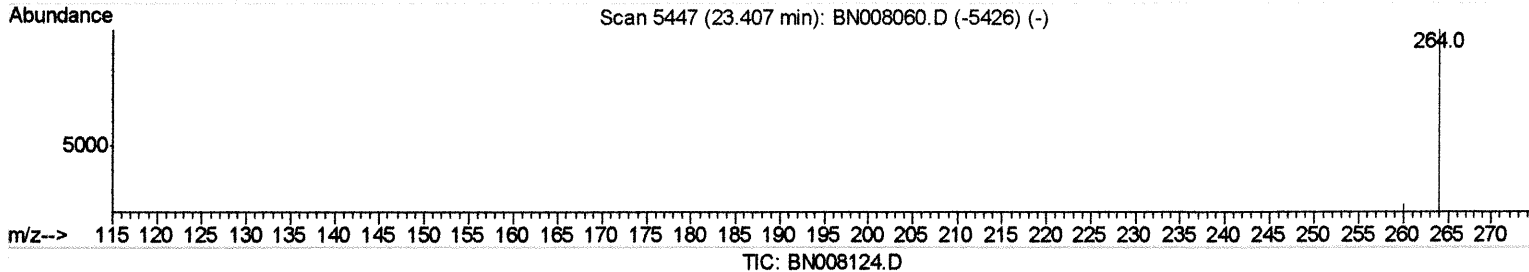
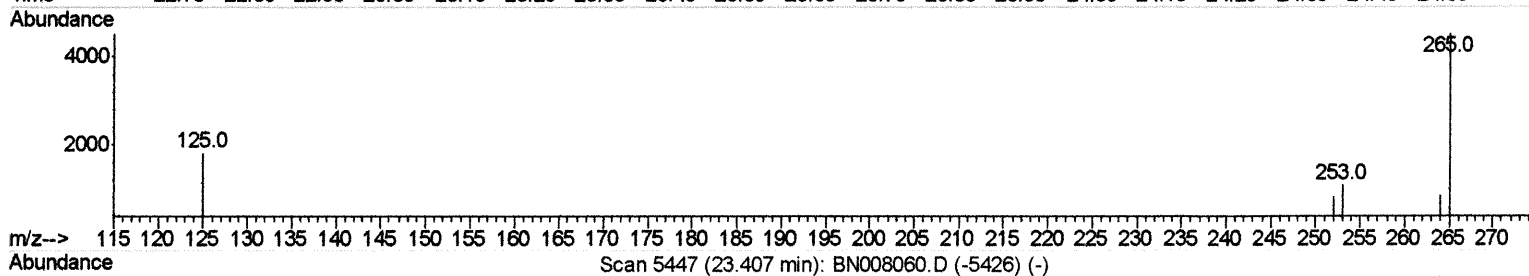
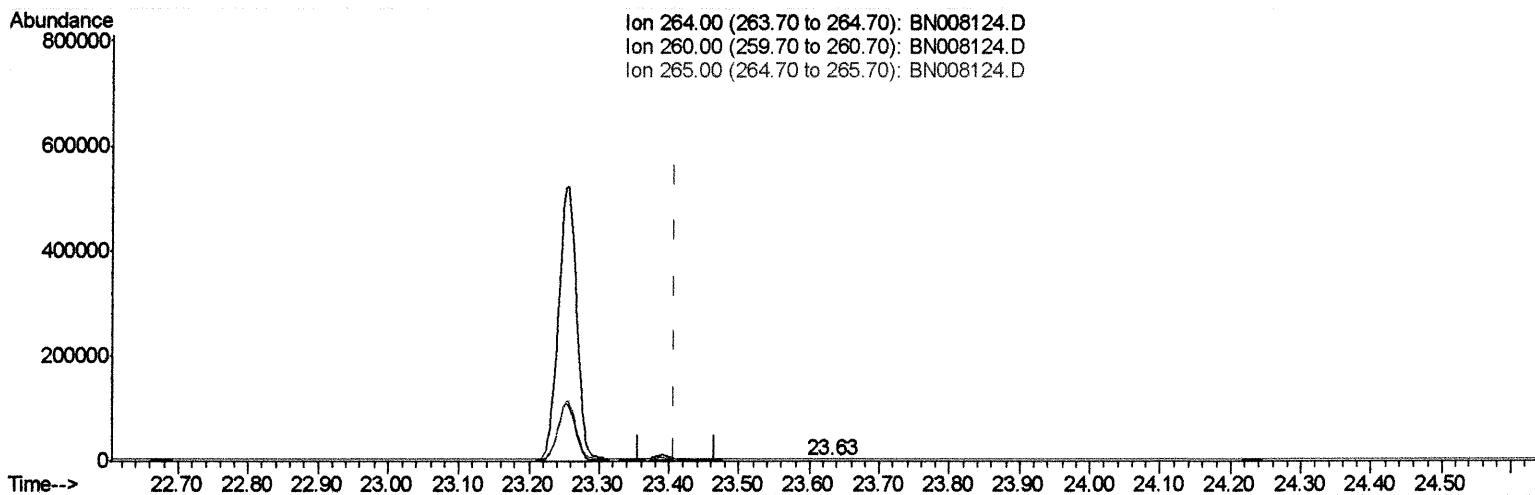
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:37:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.630min (+0.223) 0.40ng/ul

response 51

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	44.95#
265.00	74.00	537.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

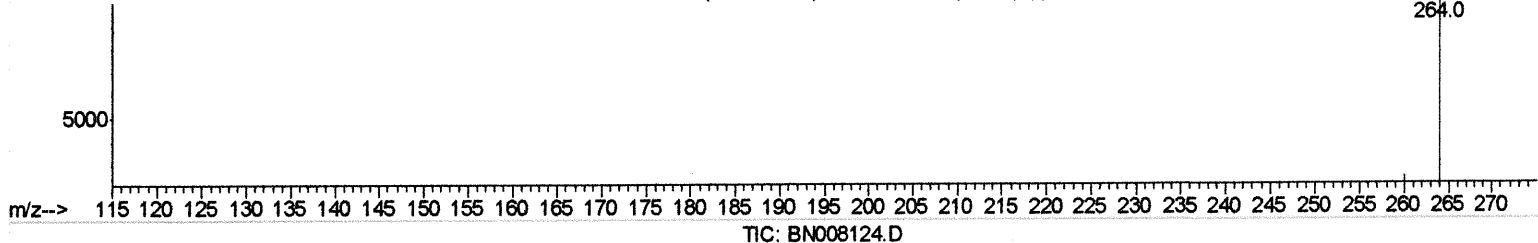
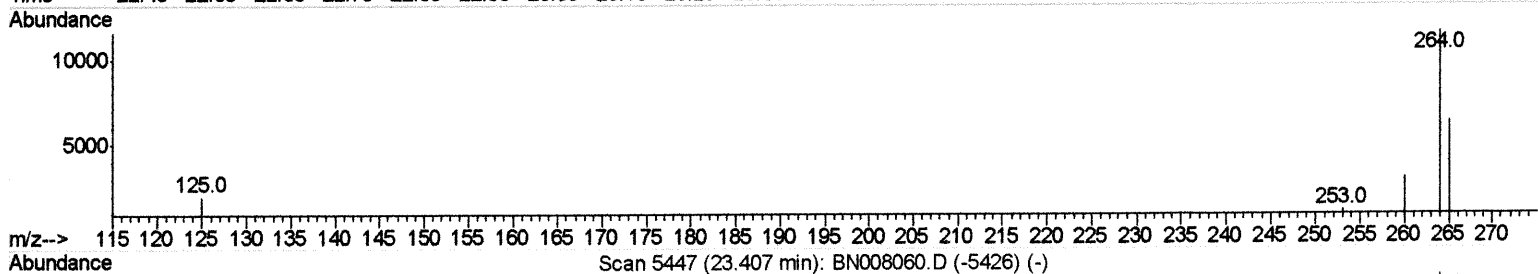
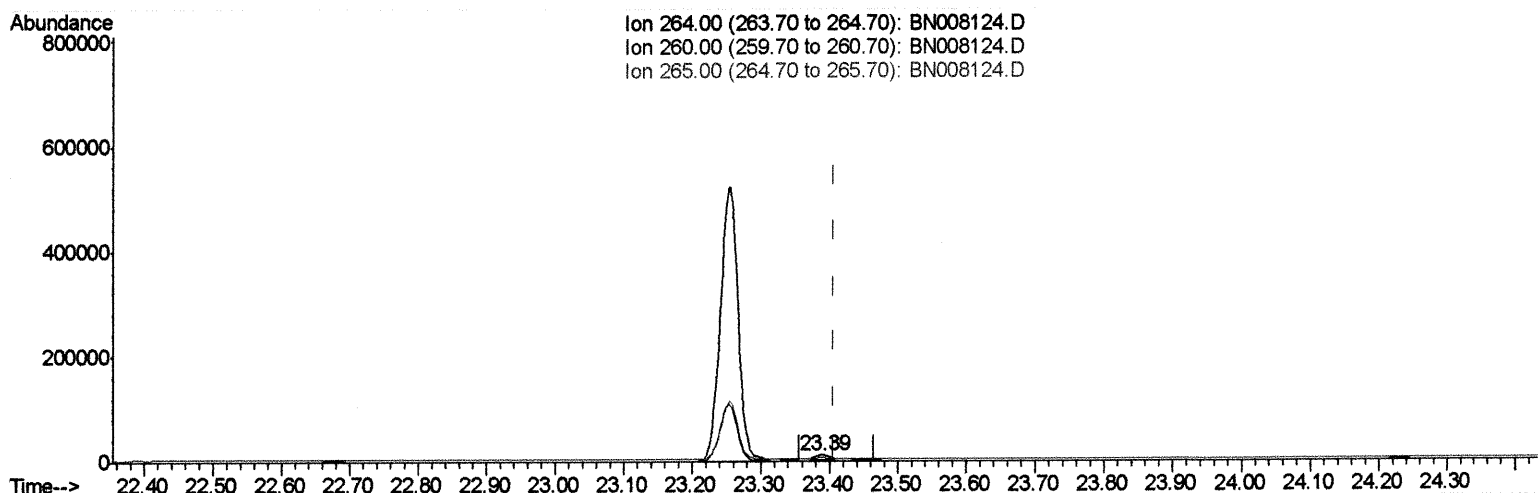
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:37:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.390min (-0.017) 0.40ng/ul m

23.390min

response 16166

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.19
265.00	74.00	54.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

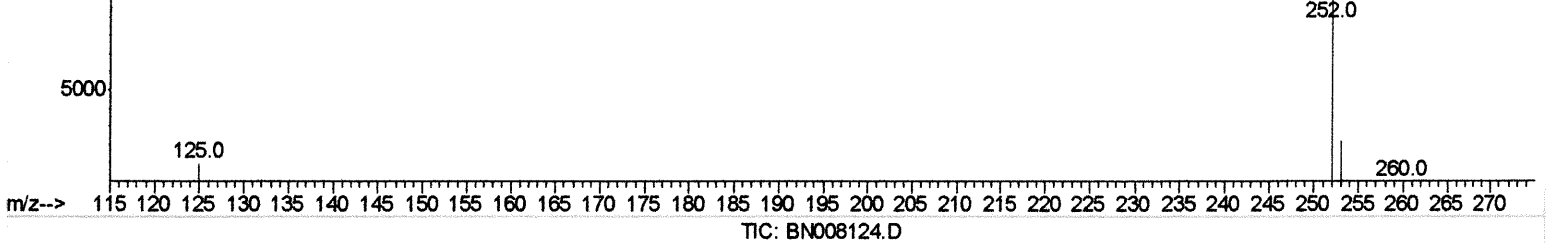
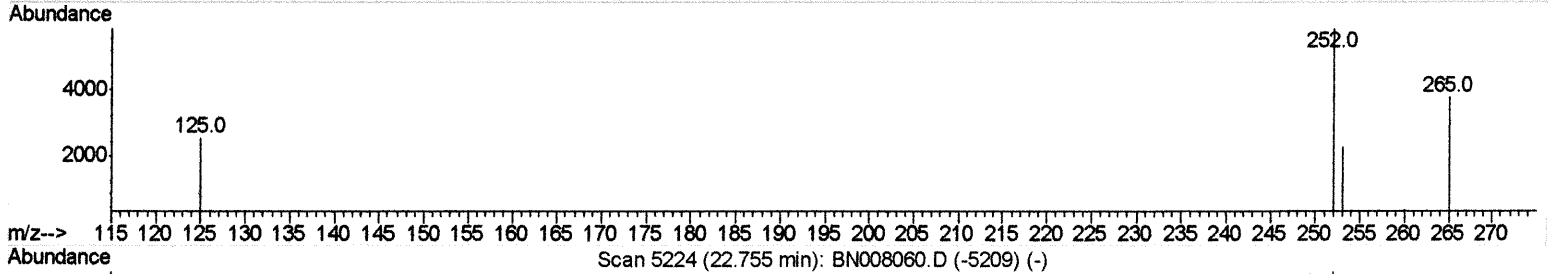
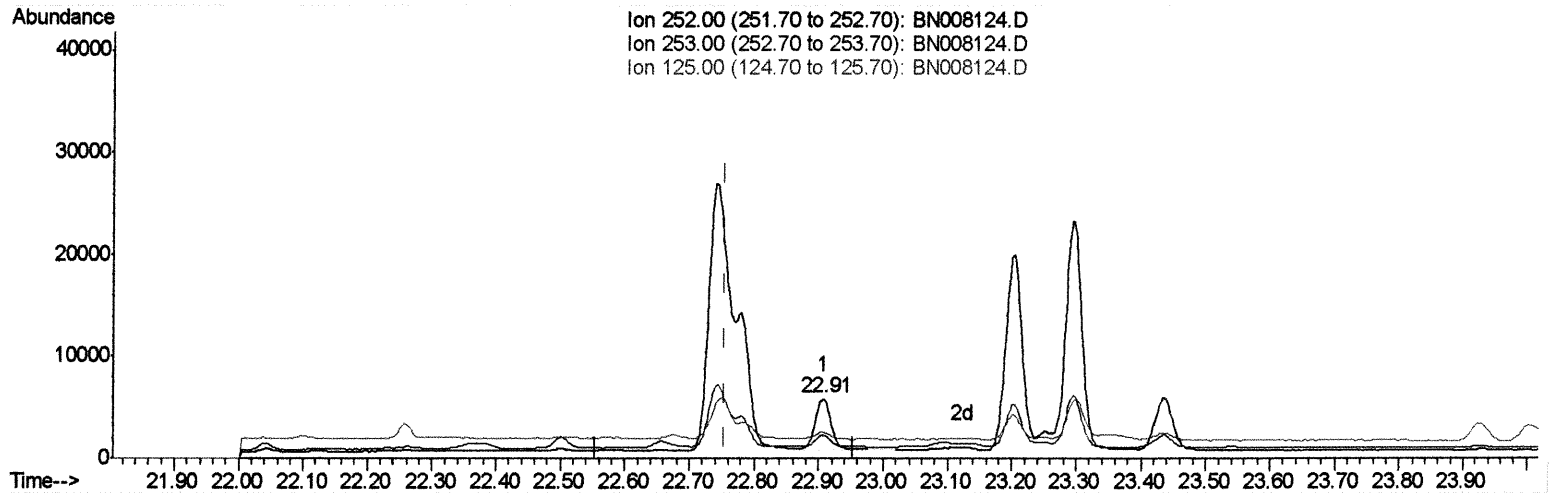
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.907min (+0.152) 0.17ng/ul
 response 8911

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	38.48
125.00	16.20	42.85#
0.00	0.00	0.00

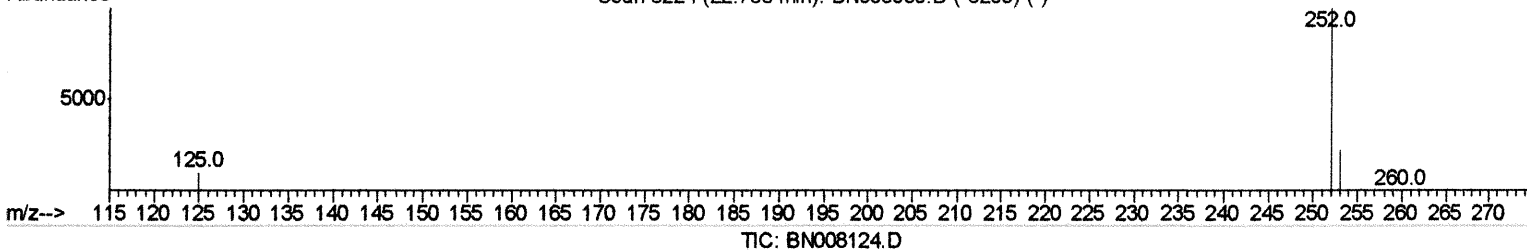
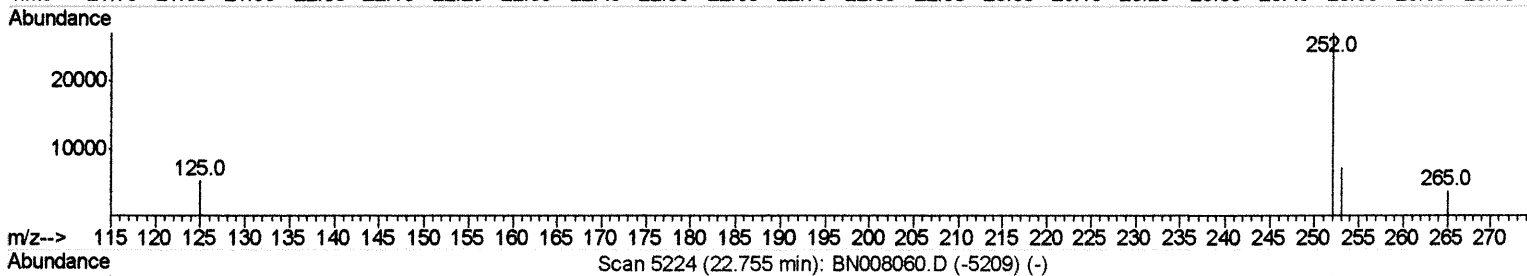
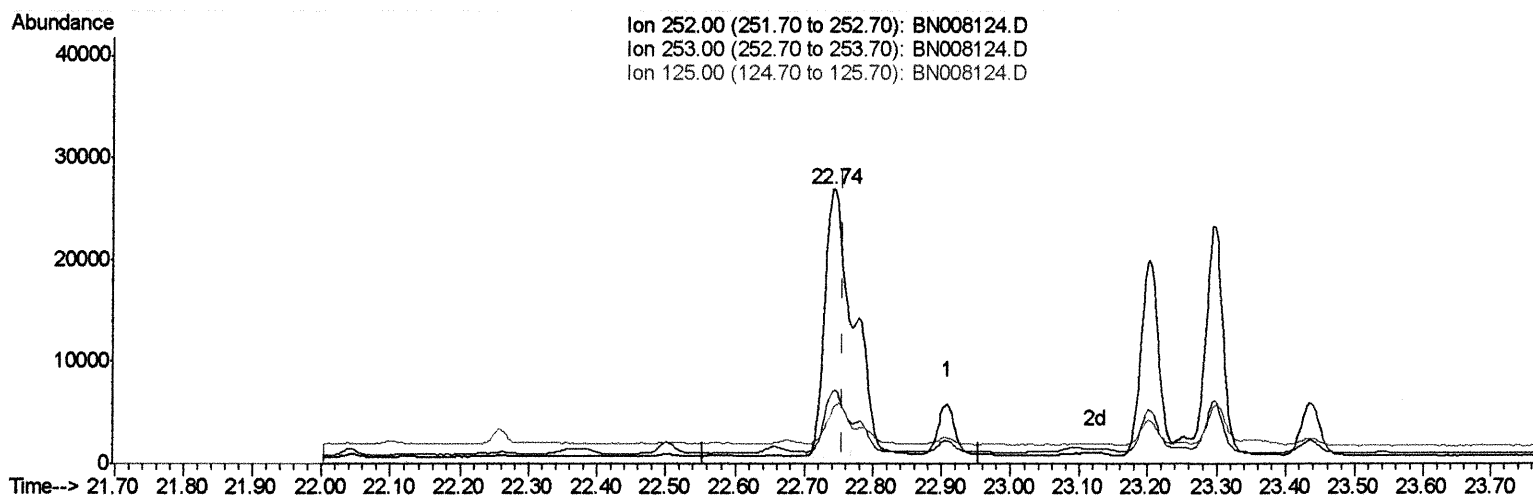
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.741min (-0.015) 1.05ng/ul m 24 10/16/19

response 55475

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.52
125.00	16.20	19.89
0.00	0.00	0.00

Quantitation Report (Qedit)

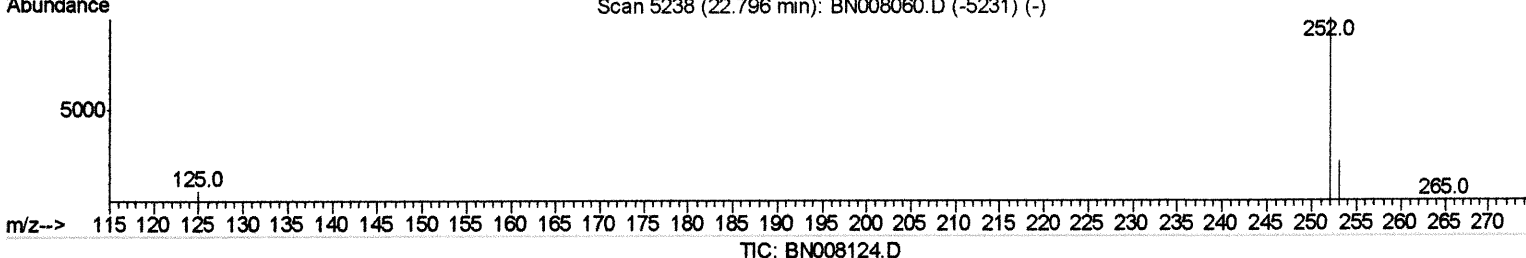
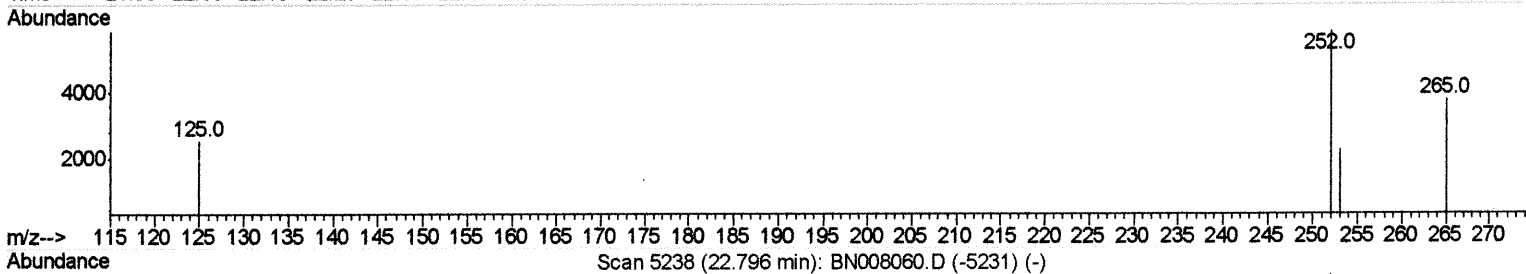
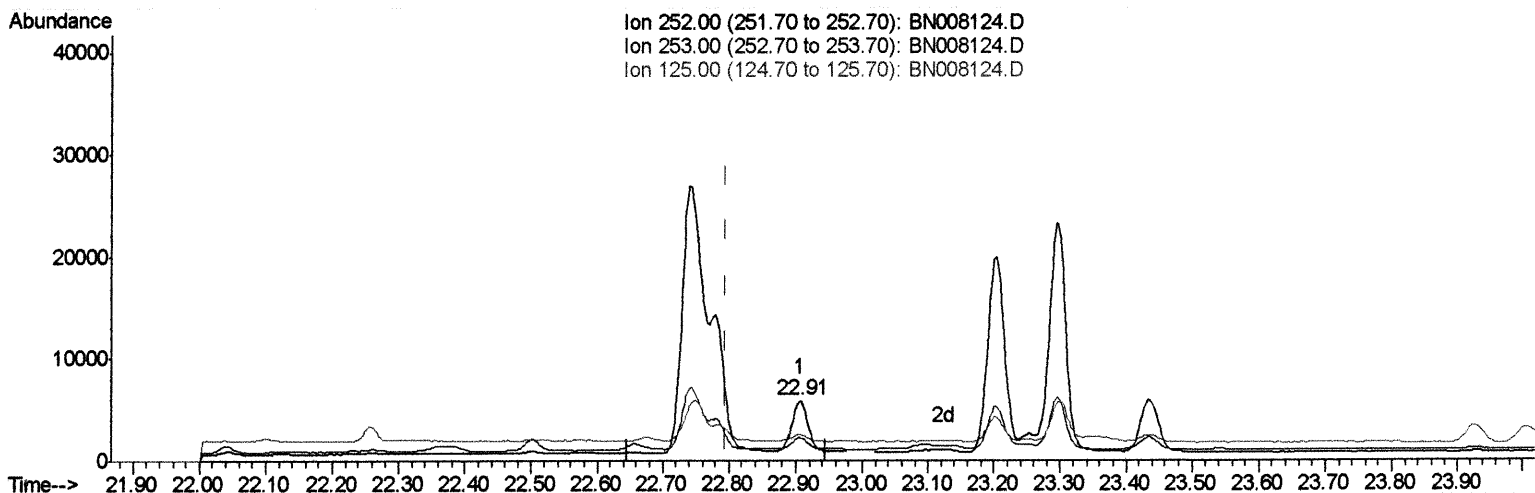
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.907min (+0.111) 0.15ng/ul

response 8911

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.48#
125.00	15.40	42.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

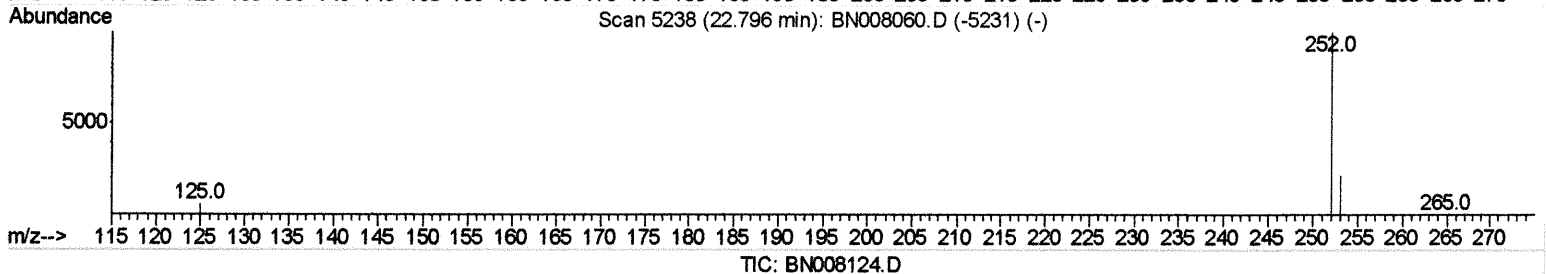
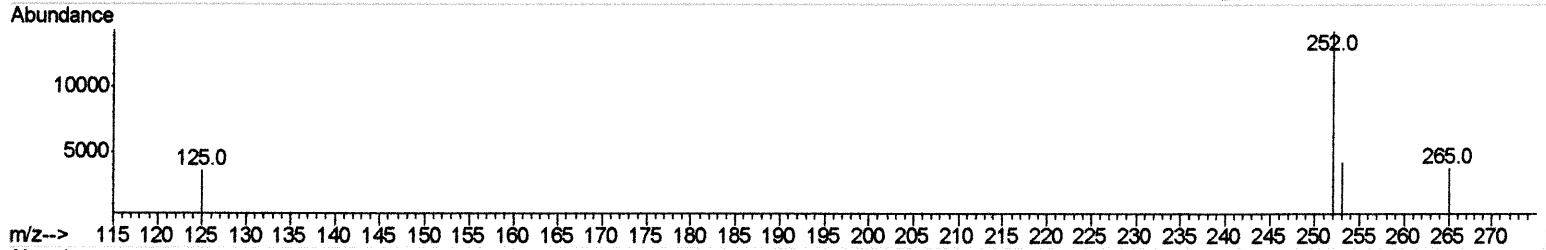
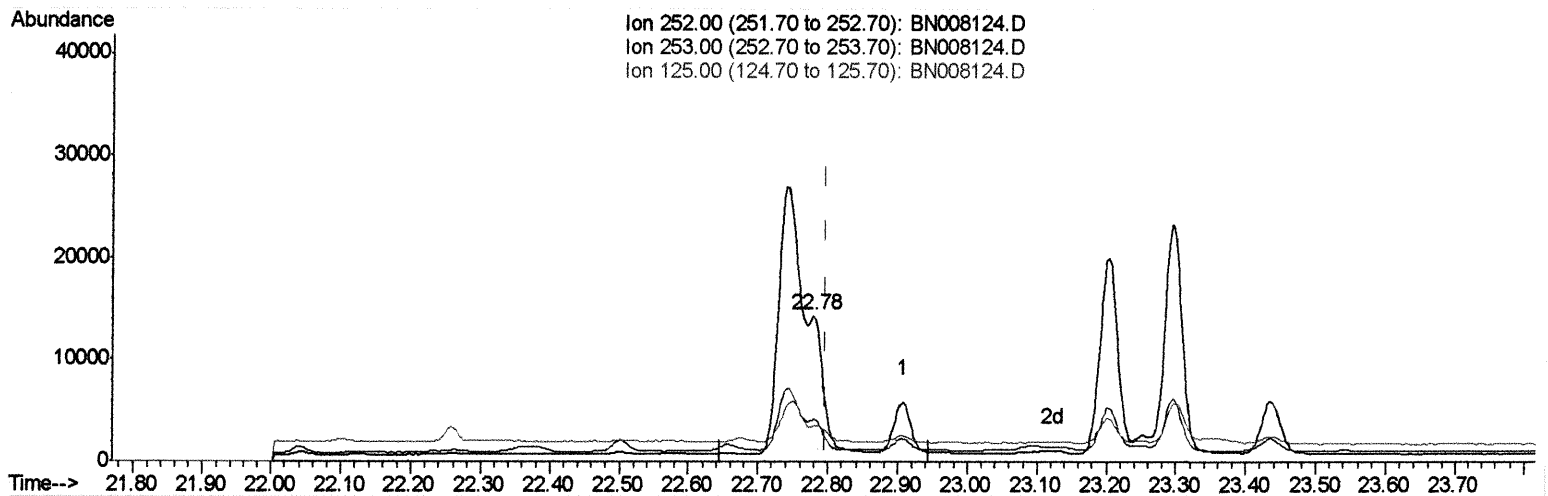
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.779min (-0.017) 0.29ng/ul m *JU 10/16/19*

response 17188

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.31
125.00	15.40	24.79#
0.00	0.00	0.00

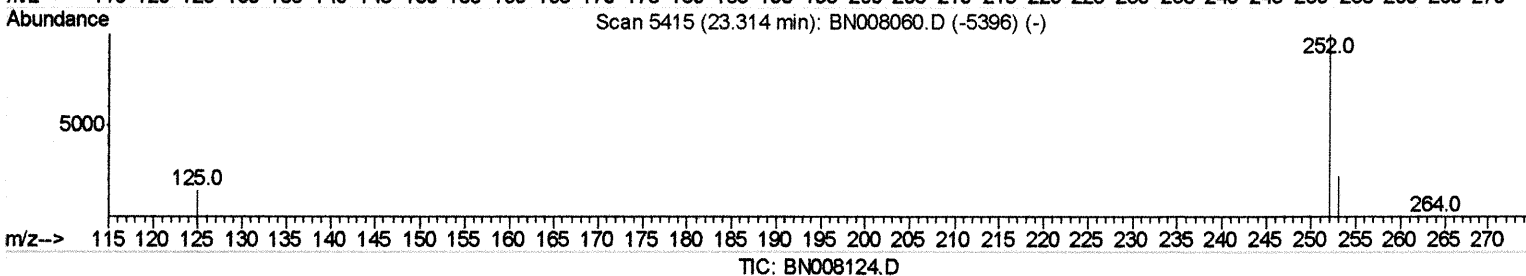
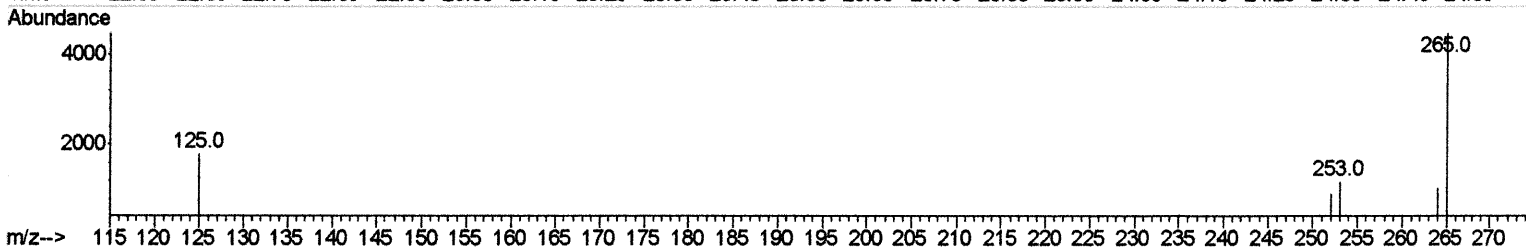
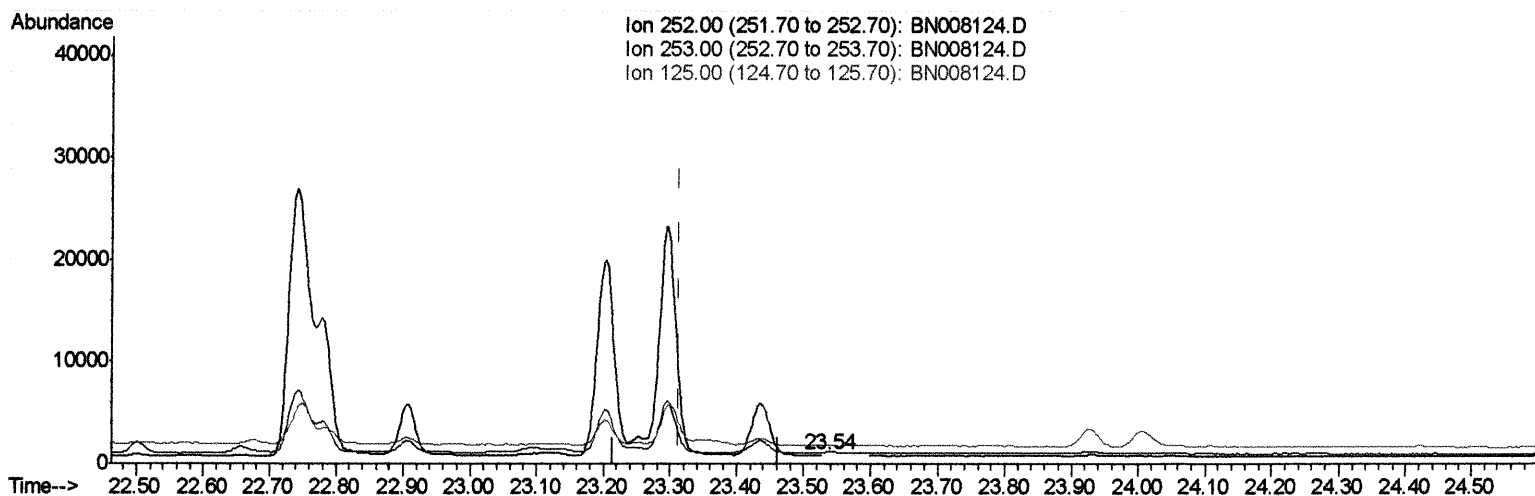
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.536min (+0.222) 0.00ng/ui

response 195

Ion	Exp%	Act%
252.00	100	100
253.00	28.50	132.40#
125.00	23.00	199.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

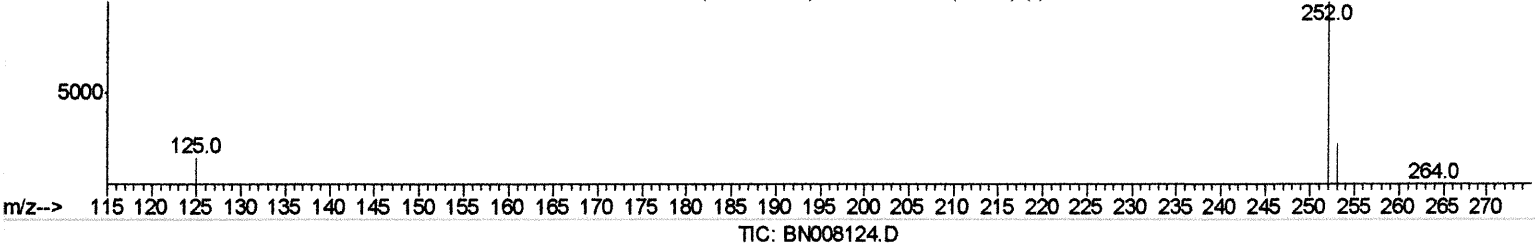
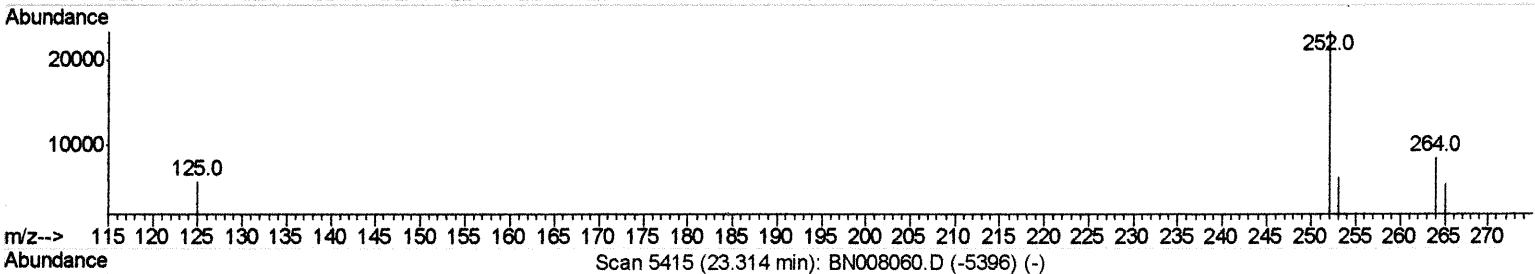
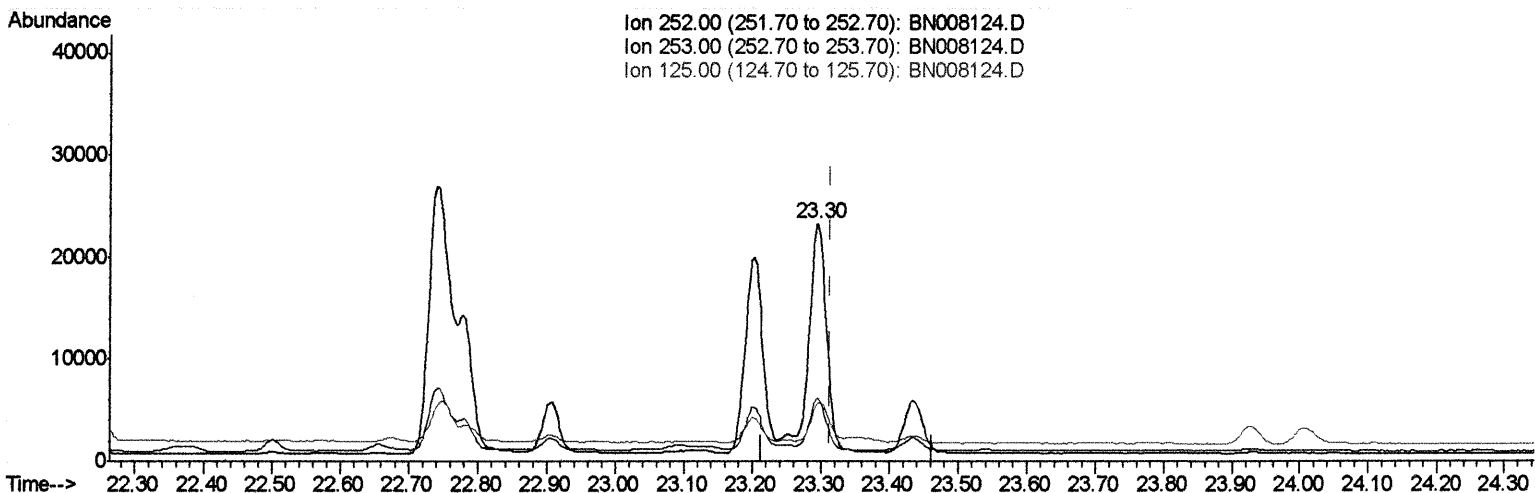
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.296min (-0.018) 0.68ng/ul m

24 10/16/19

response 37605

Ion	Exp%	Act%
252.00	100	100
253.00	28.50	26.81
125.00	23.00	24.76
0.00	0.00	0.00

Quantitation Report (Qedit)

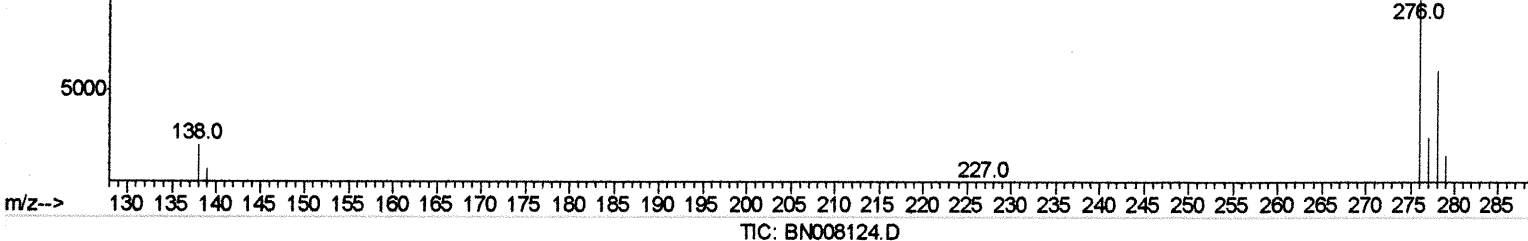
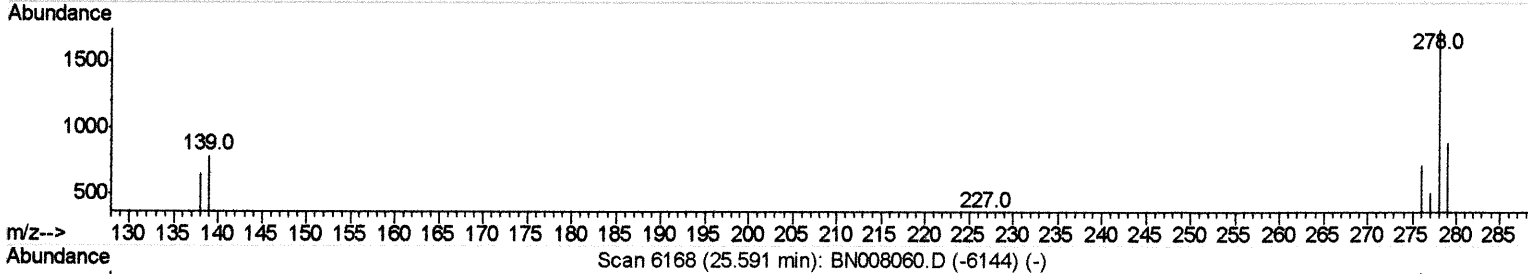
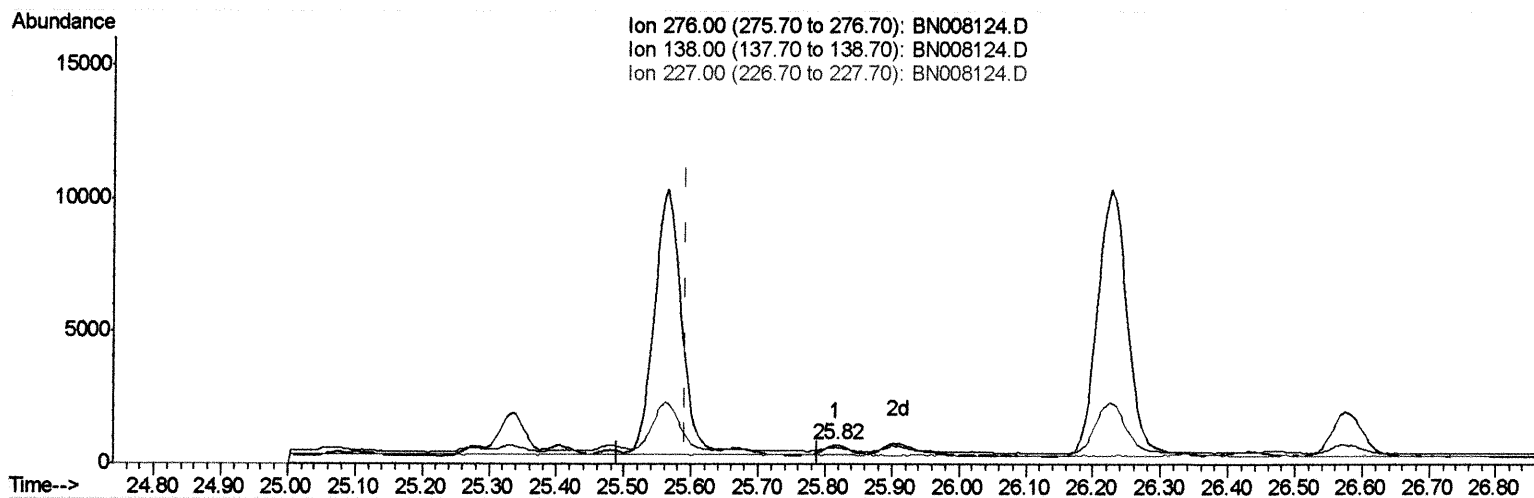
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene
 25.815min (+0.225) 0.02ng/ul
 response 1020

Ion	Exp%	Act%
276.00	100	100
138.00	20.10	46.86#
227.00	0.20	1.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

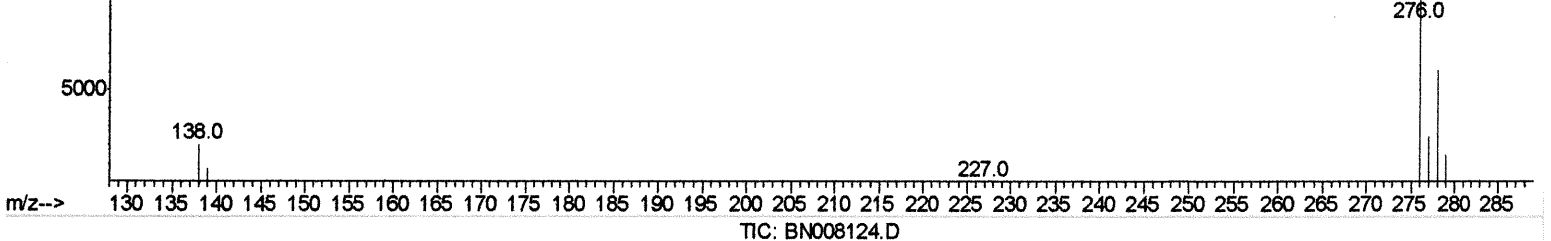
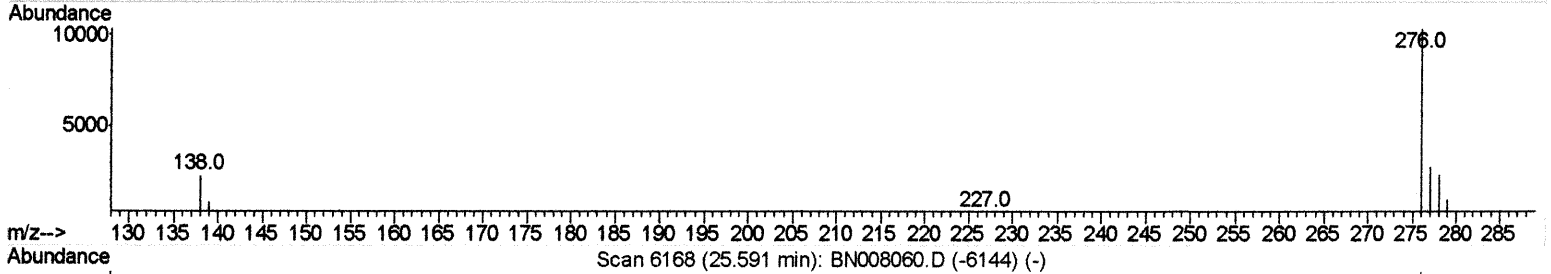
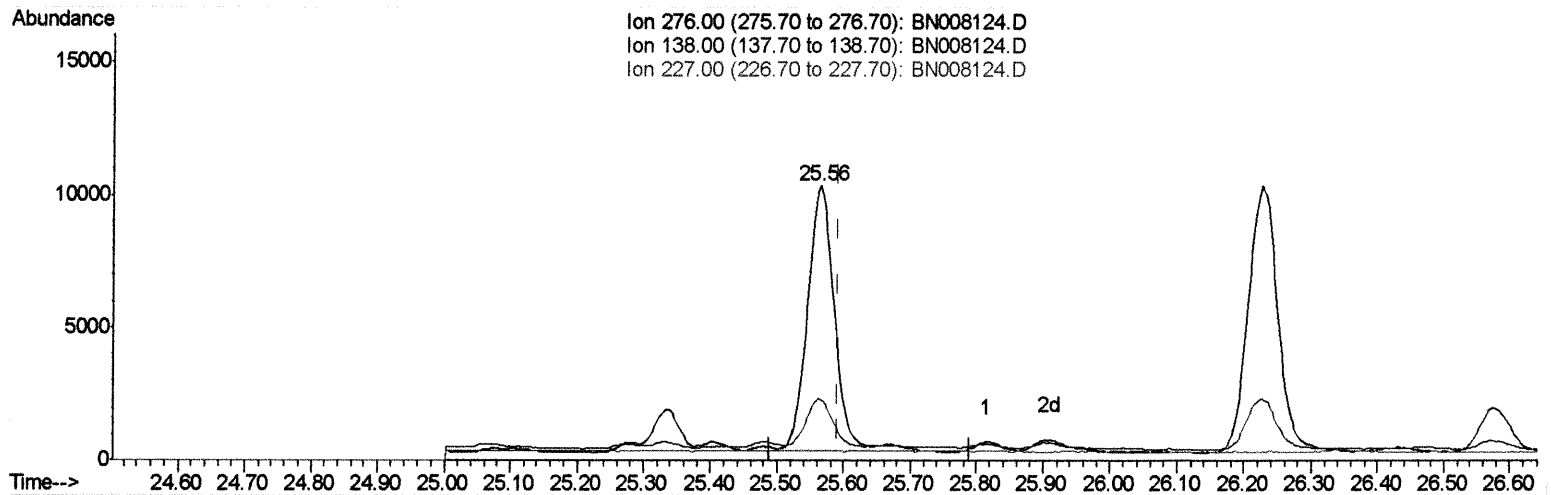
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



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

25.564min (-0.027) 0.42ng/ul m *JL 10/16/19*

response 27330

Ion	Exp%	Act%
276.00	100	100
138.00	20.10	1.75#
227.00	0.20	0.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

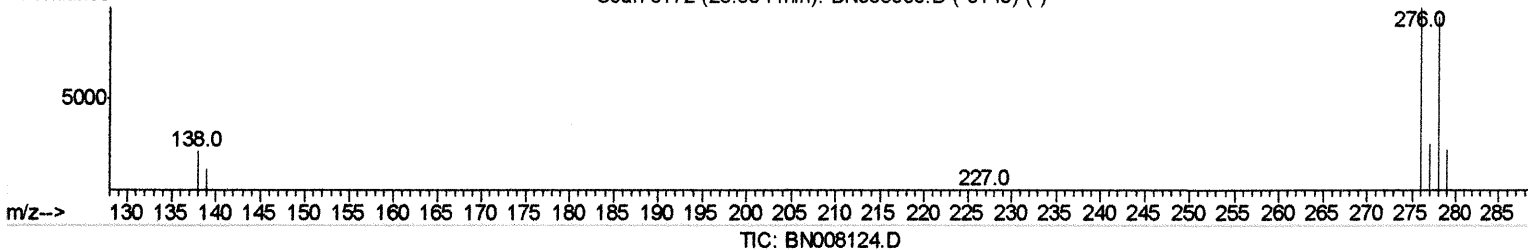
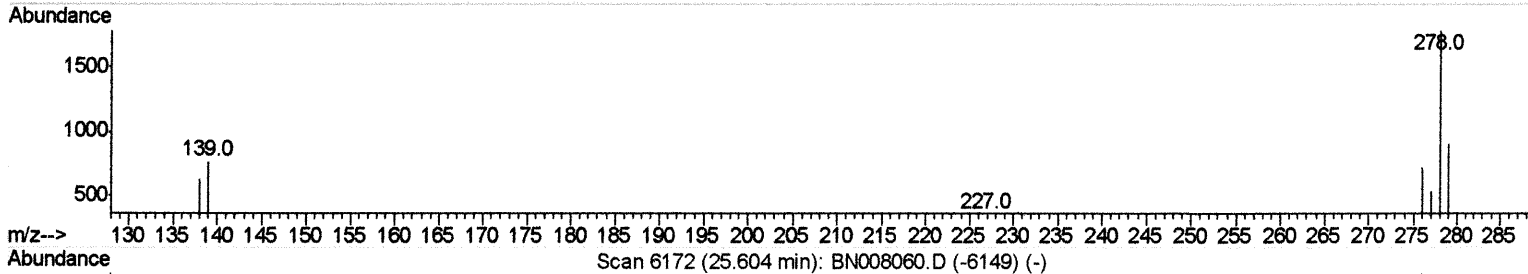
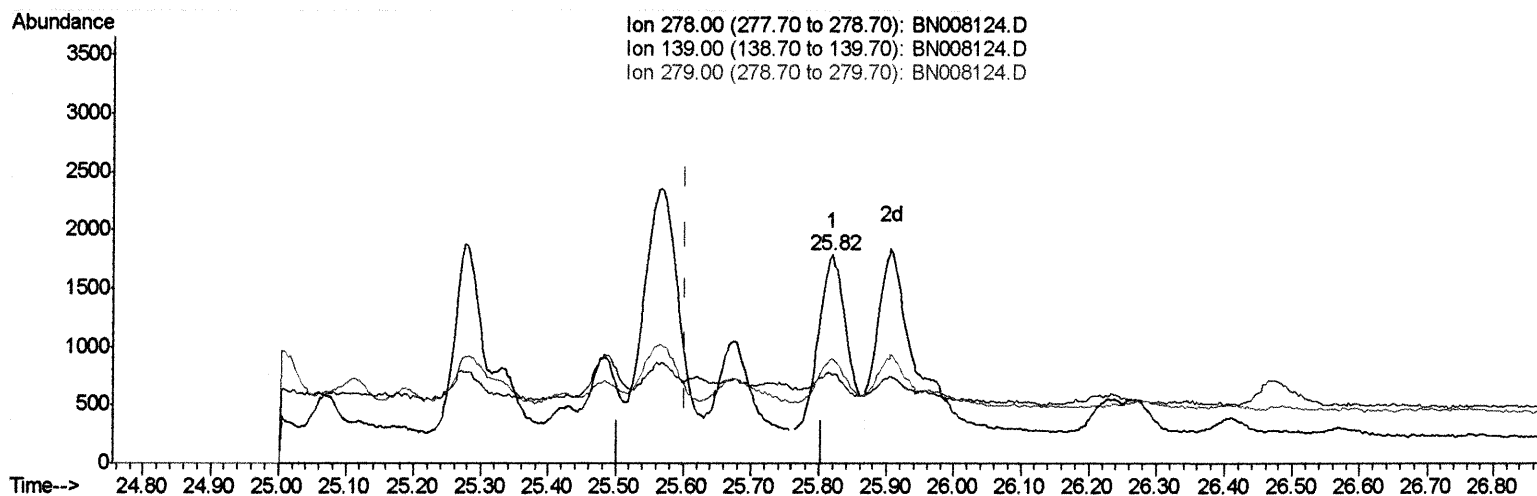
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.819min (+0.215) 0.08ng/ul

response 4346

Ion	Exp%	Act%
278.00	100	100
139.00	18.80	42.91#
279.00	28.00	50.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

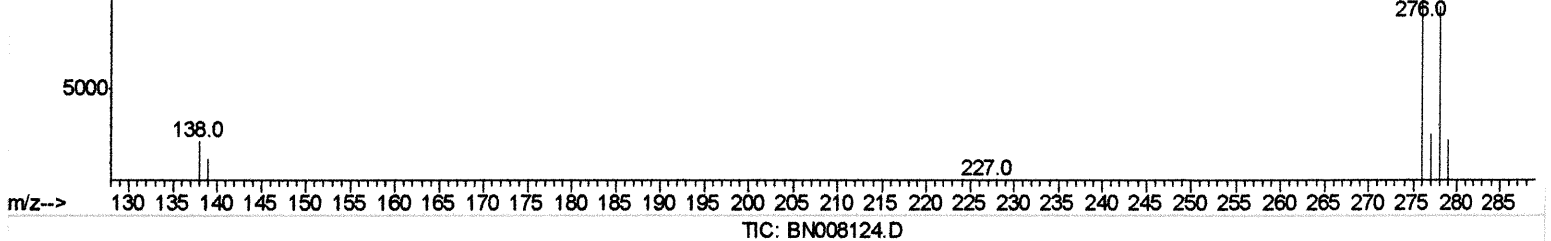
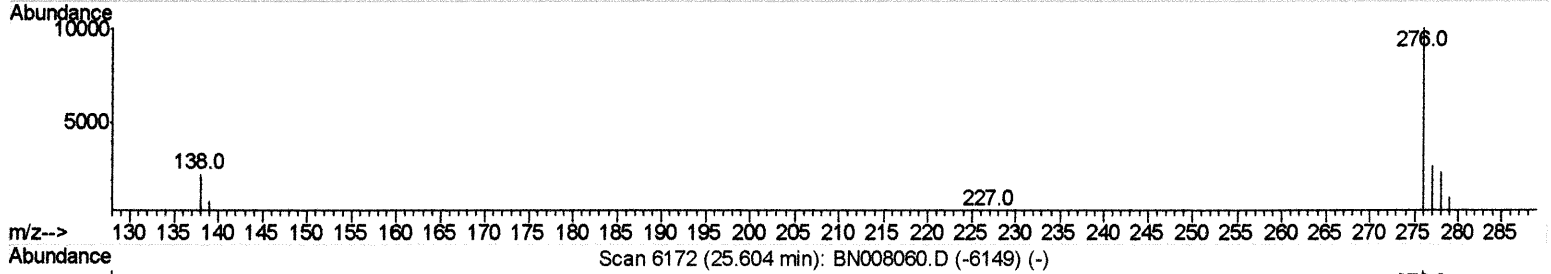
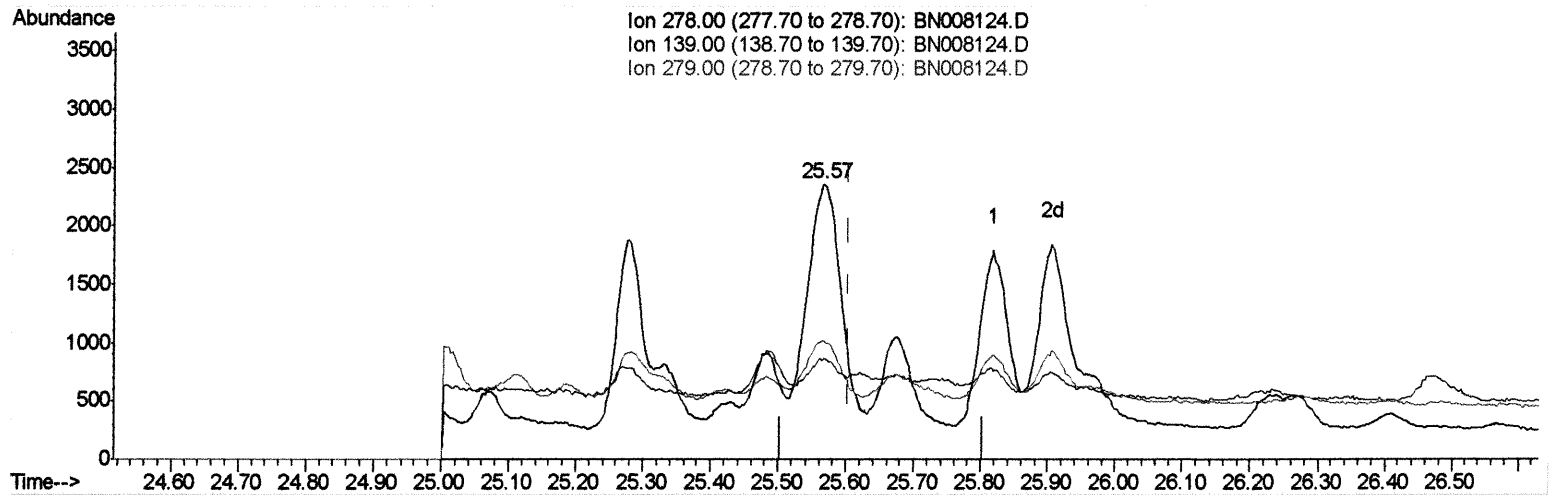
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.567min (-0.037) 0.13ng/ul m *JU 10/16/19*

response 6503

Ion	Exp%	Act%
278.00	100	100
139.00	18.80	36.61#
279.00	28.00	43.15#
0.00	0.00	0.00

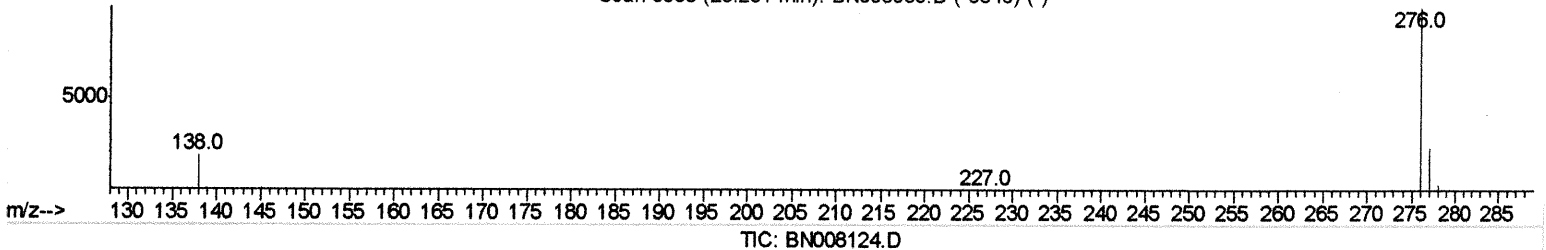
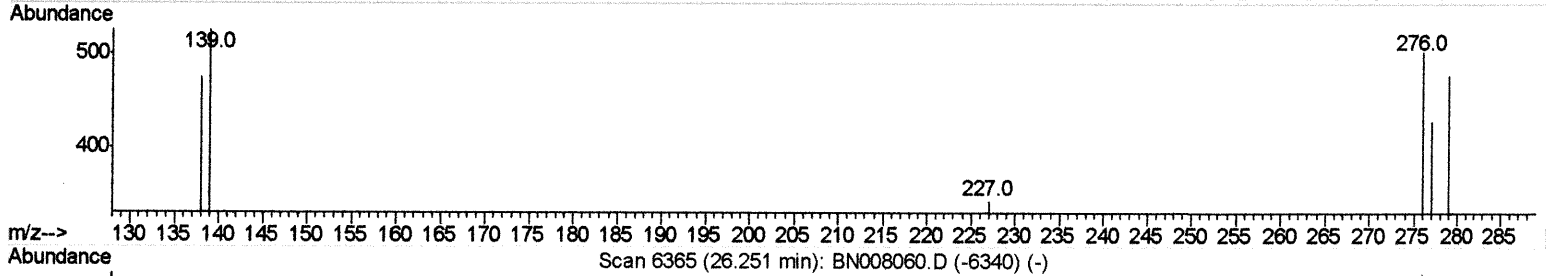
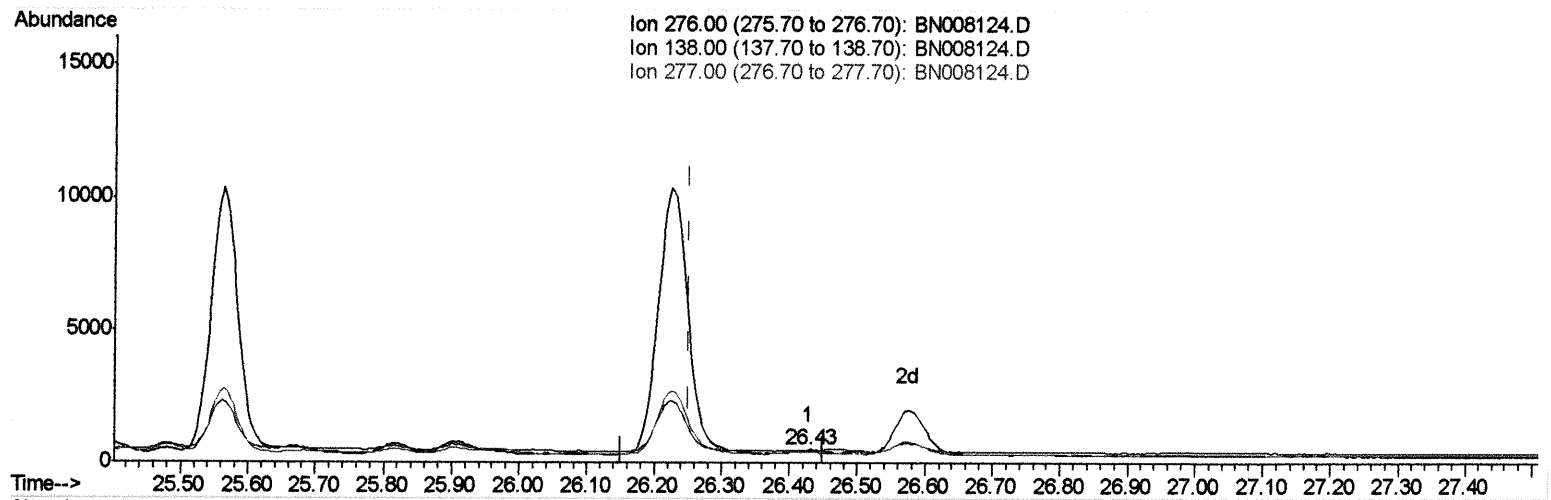
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
Acq On : 12 Oct 2019 23:06
Operator : JU
Sample : K5178-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD4

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



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

26.429min (+0.178) 0.01ng/ui

response 410

Ion	Exp%	Act%
276.00	100	100
138.00	21.20	94.43#
277.00	25.50	85.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

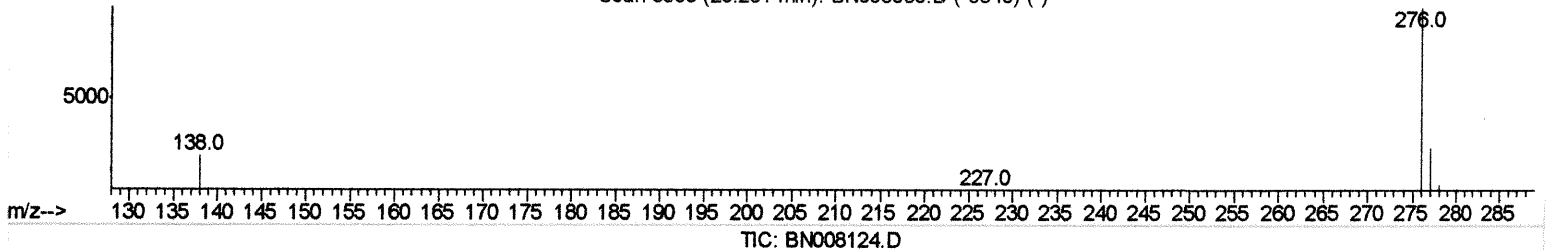
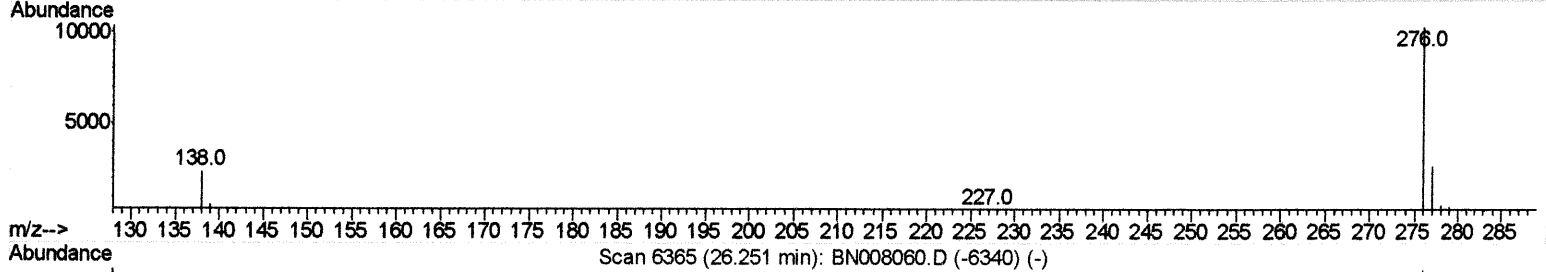
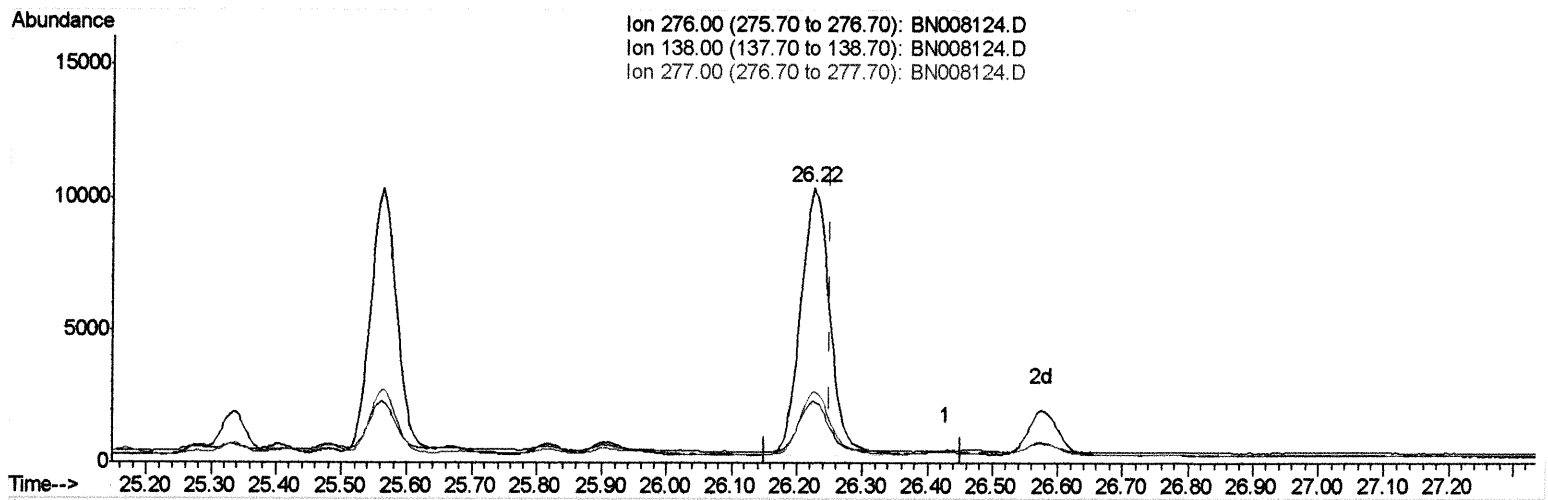
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



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

26.224min (-0.027) 0.53ng/ul m

M 10/16/19

response 31465

Ion	Exp%	Act%
276.00	100	100
138.00	21.20	22.88
277.00	25.50	25.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:40:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2324	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	11369	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7452	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17103m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.20	240	18851m	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	16166m	0.40	ng/ul	-0.02

JU 10/16/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	3749	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	12455m	0.21	ng/ul	-0.01

JU 10/16/19

Target Compounds

					Ovalue
3) Naphthalene	10.44	128	1279	0.040	ng/ul# 82
5) 2-Methylnaphthalene	12.07	142	616	0.028	ng/ul 96
7) Acenaphthylene	13.98	152	3271	0.092	ng/ul# 94
12) Phenanthrene	17.05	178	3333m	0.067	ng/ul
13) Anthracene	17.14	178	1854m	0.042	ng/ul
15) Fluoranthene	19.07	202	21449m	0.324	ng/ul
17) Pyrene	19.43	202	26106	0.348	ng/ul 98
18) Benzo(a)anthracene	21.19	228	26222m	0.383	ng/ul 97
19) Chrysene	21.24	228	27441	0.326	ng/ul
21) Benzo(b)fluoranthene	22.74	252	55475m	1.054	ng/ul
22) Benzo(k)fluoranthene	22.78	252	17188m	0.288	ng/ul
23) Benzo(a)pyrene	23.30	252	37605m	0.679	ng/ul
24) Indeno(1,2,3-cd)pyrene	25.56	276	27330m	0.419	ng/ul
25) Dibenzo(a,h)anthracene	25.57	278	6503m	0.126	ng/ul
26) Benzo(a,h,i)perylene	26.22	276	31465m	0.526	ng/ul

JU 10/16/19

JU 10/16/19

JU 10/16/19

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