

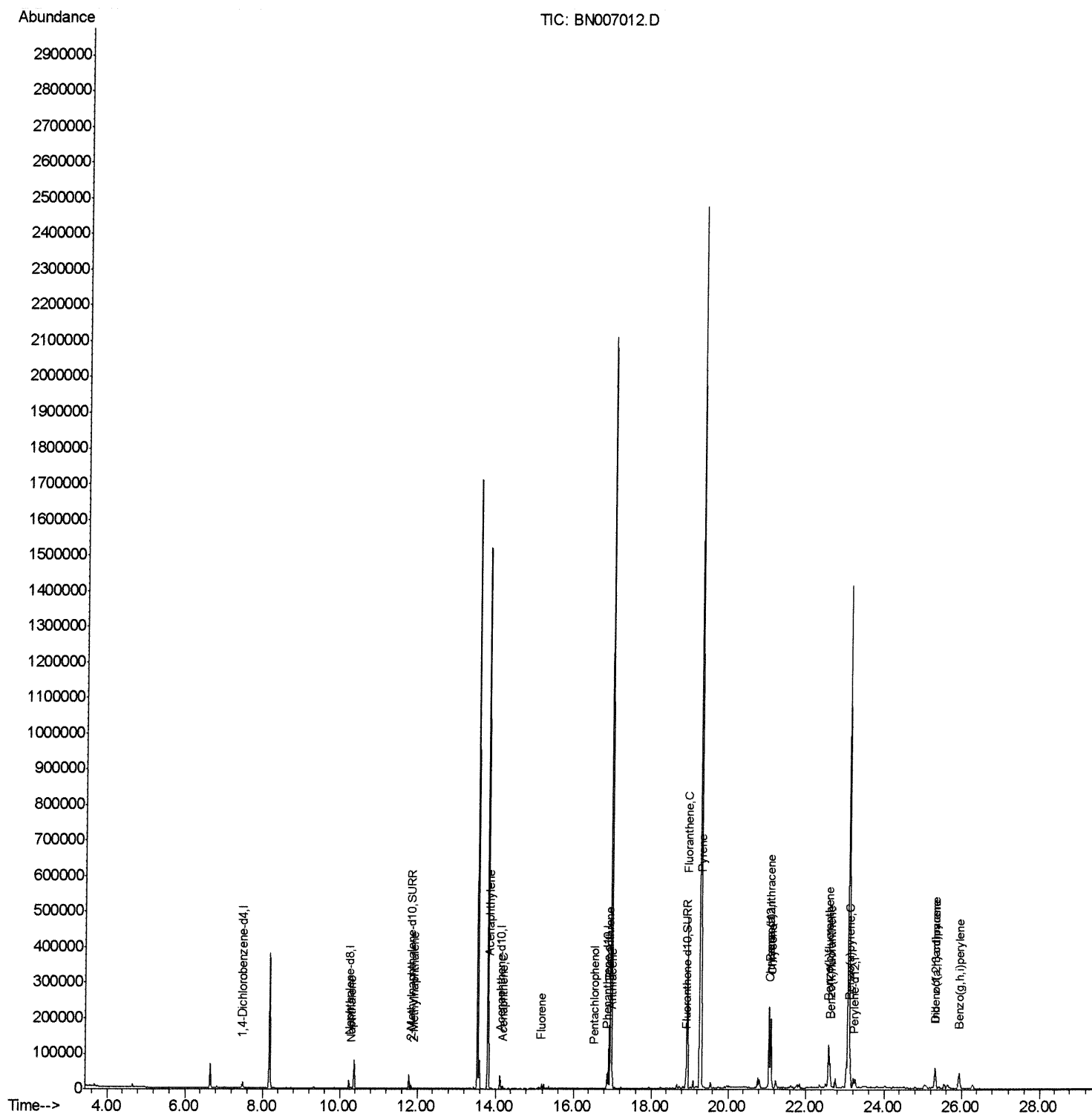
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:58:04 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)

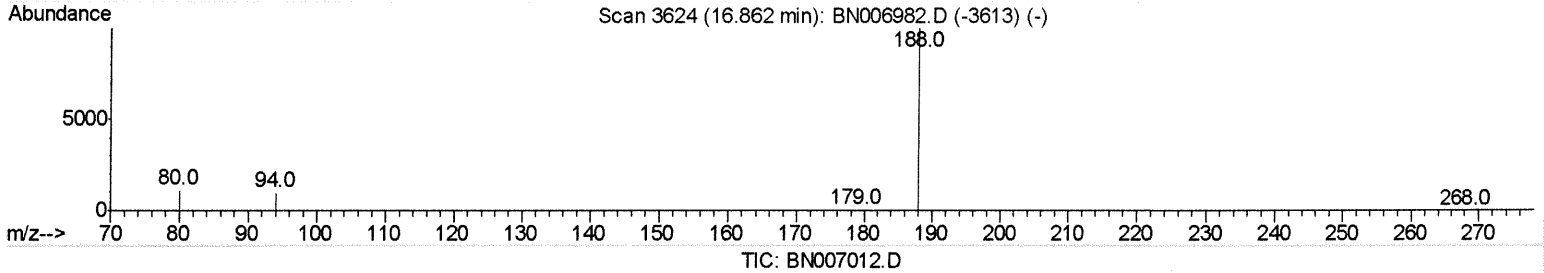
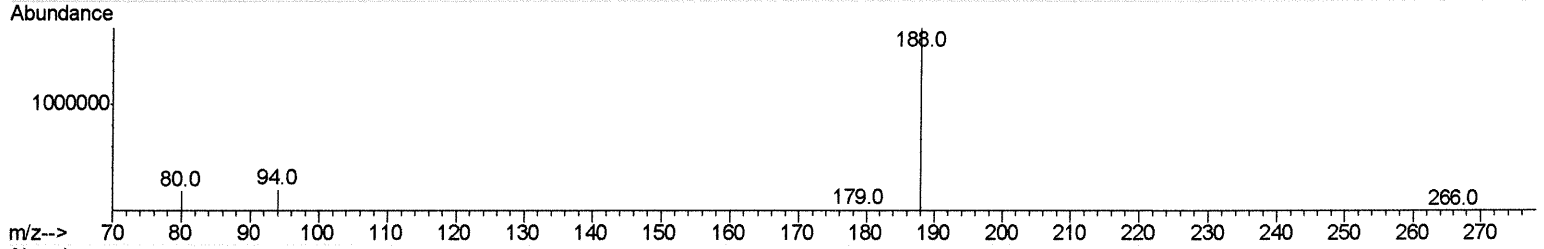
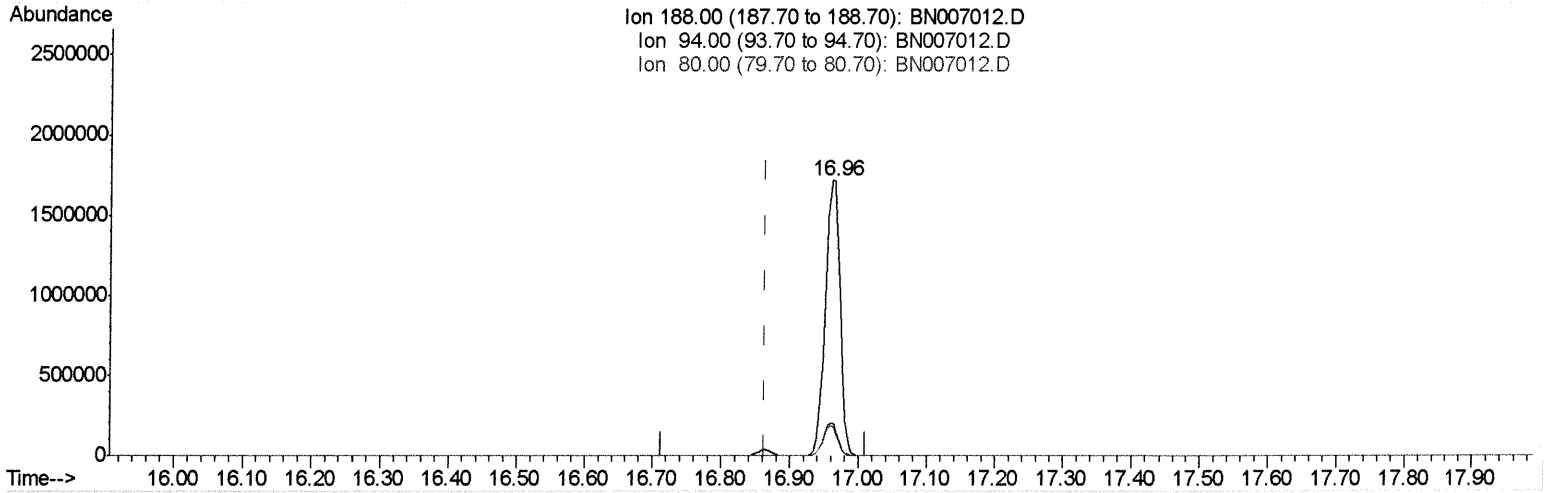
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ6

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 07:49:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.964min (+0.101) 0.40ng/ul

response 2573989

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.18
80.00	12.40	10.07
0.00	0.00	0.00

Quantitation Report (Qedit)

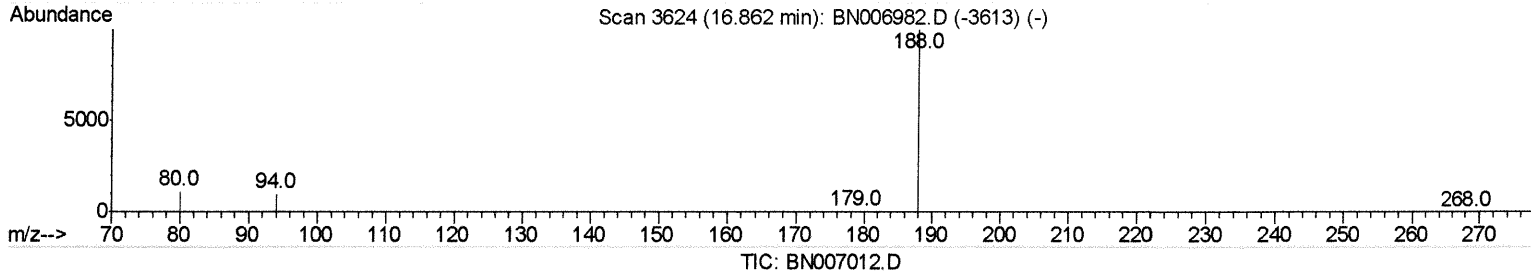
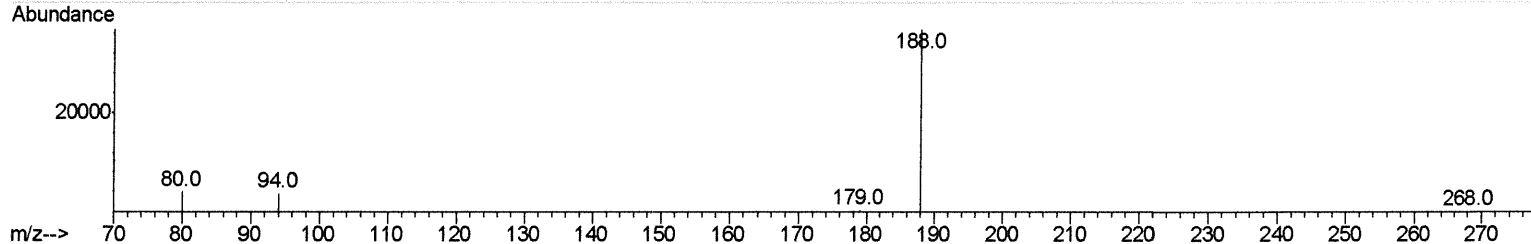
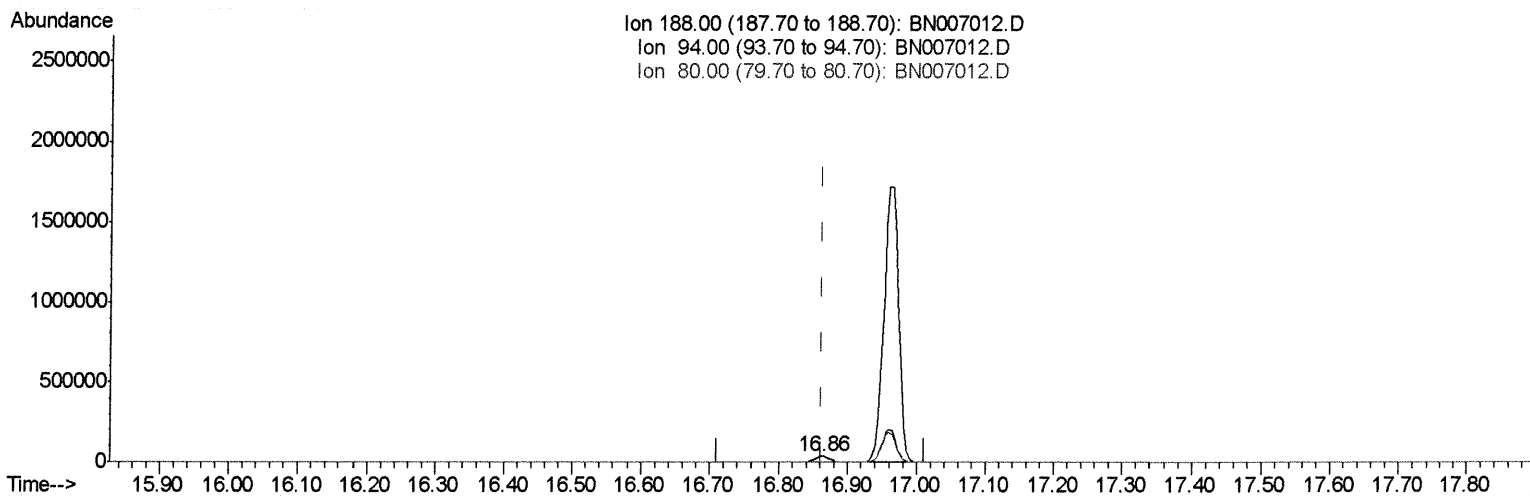
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 07:49:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.862min (-0.000) 0.40ng/ul m

Ju
 08/09/19

response 48926

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.02
80.00	12.40	10.87
0.00	0.00	0.00

Quantitation Report (Qedit)

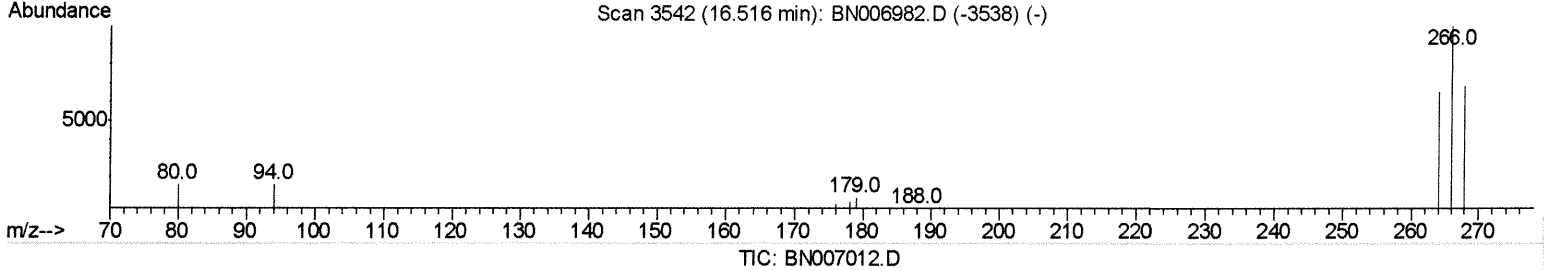
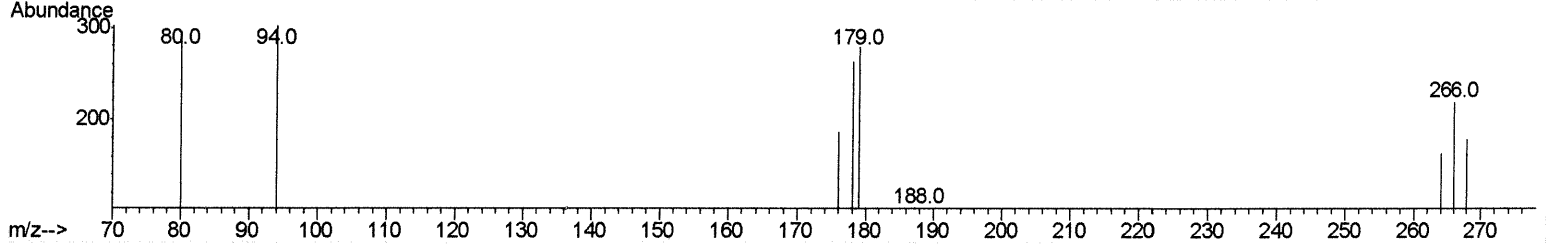
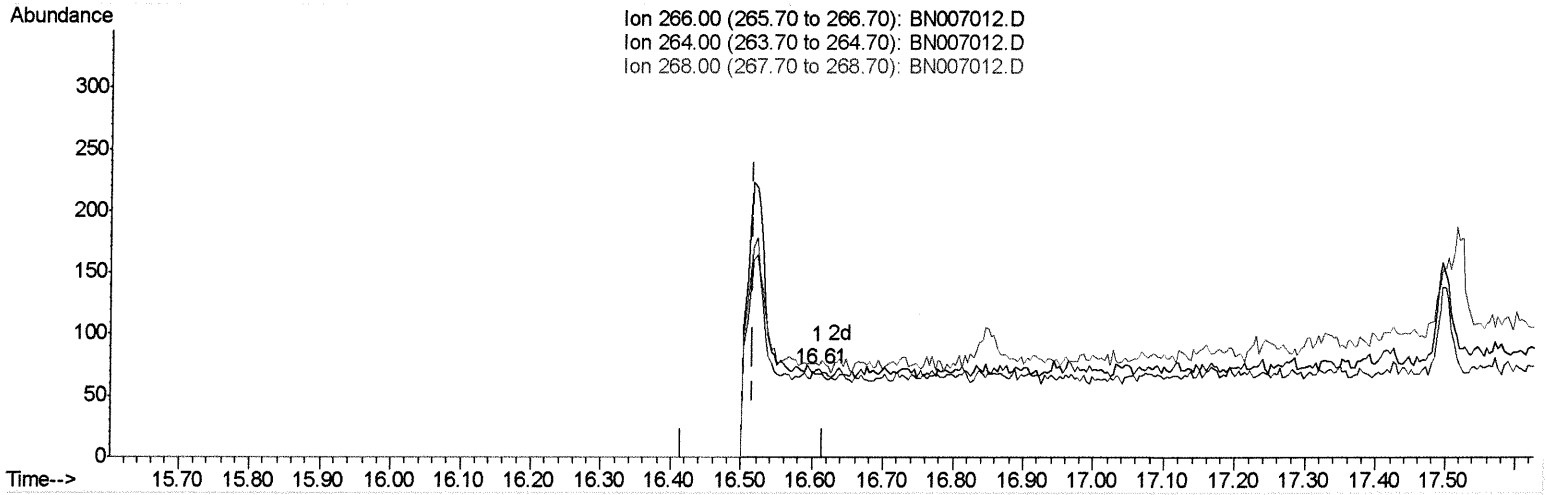
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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
 16.609min (+0.093) 0.00ng/ul
 response 6

Ion	Exp%	Act%
266.00	100	100
264.00	69.60	100.00#
268.00	94.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

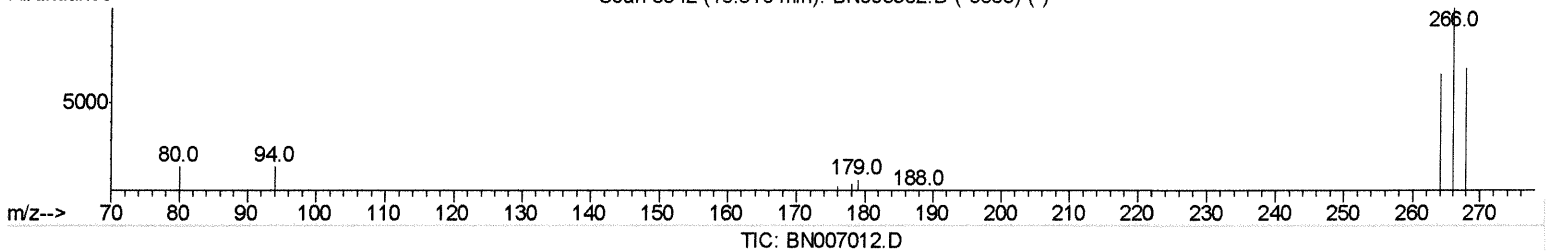
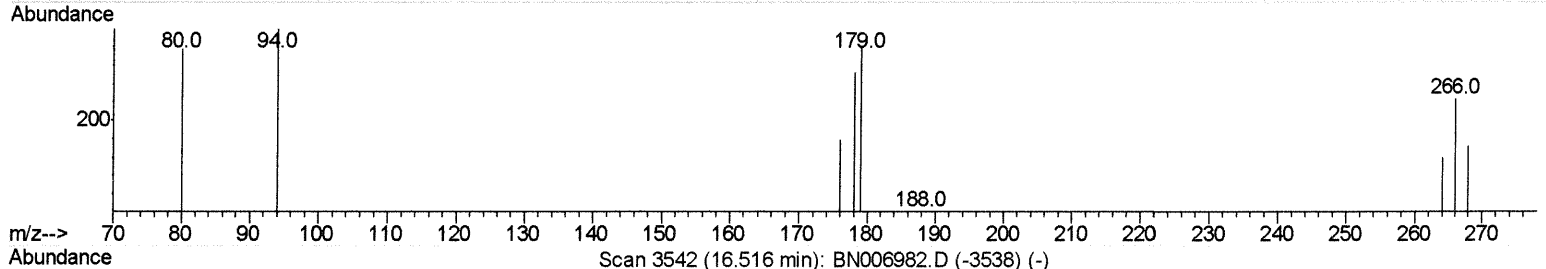
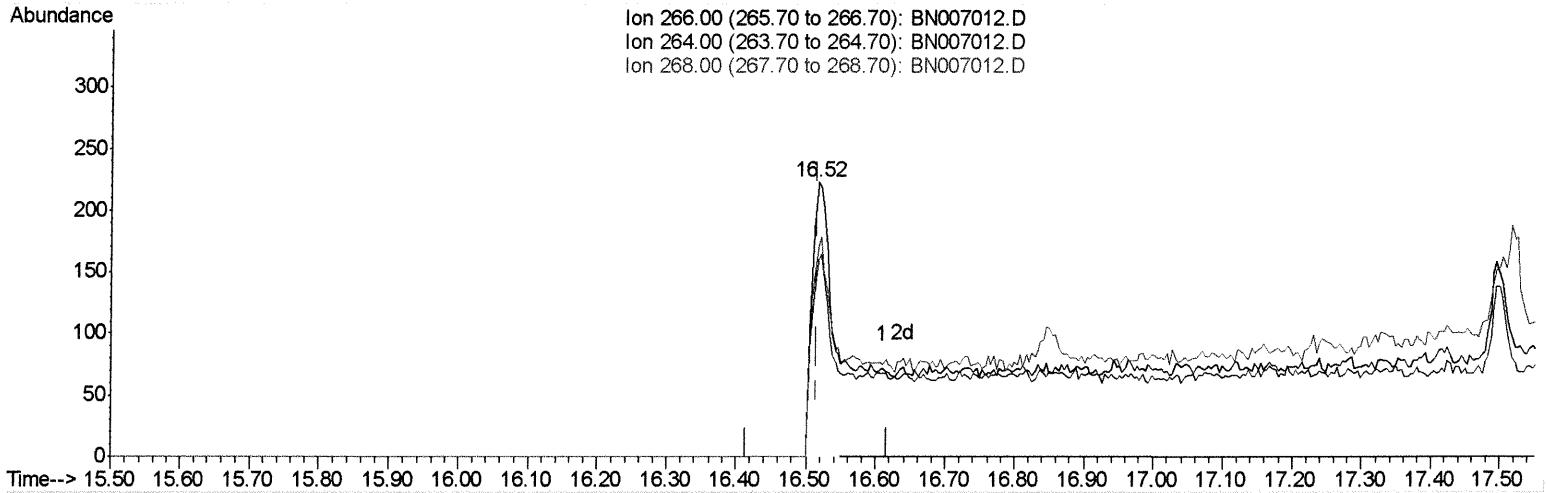
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 0.03ng/ul m

JU
08/09/19

response 438

Ion	Exp%	Act%
266.00	100	100
264.00	69.60	1.37#
268.00	94.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

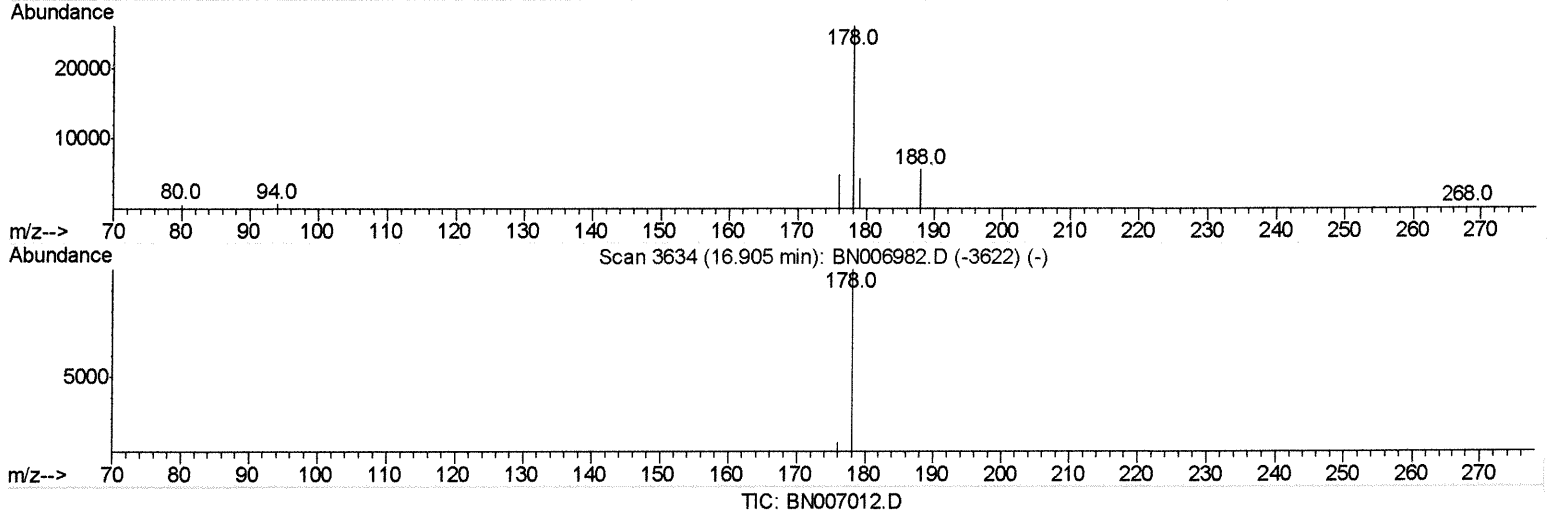
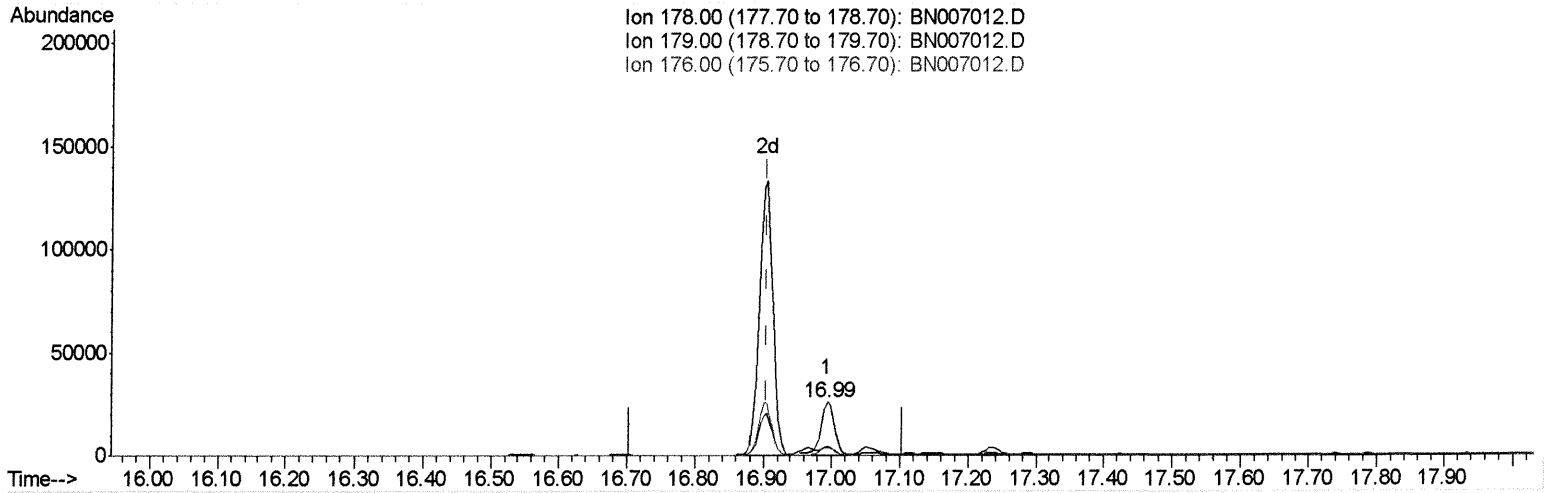
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ6

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 0.23ng/ui

response 35629

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.32
176.00	19.50	18.85
0.00	0.00	0.00

Quantitation Report (Qedit)

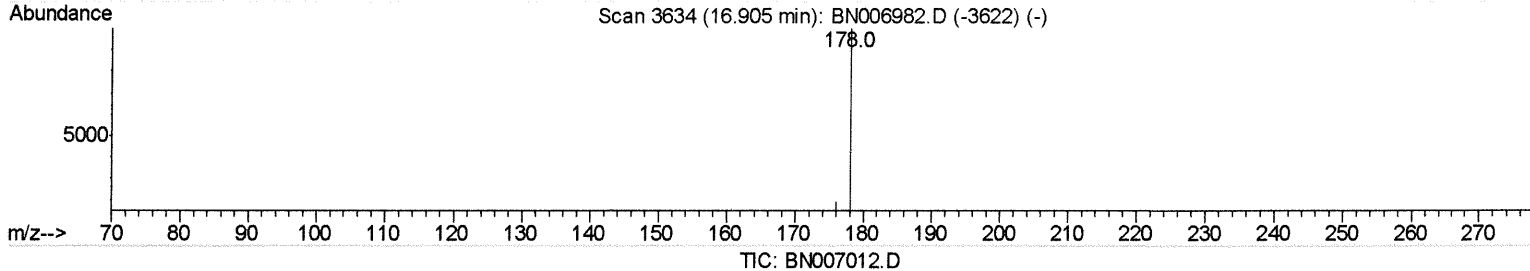
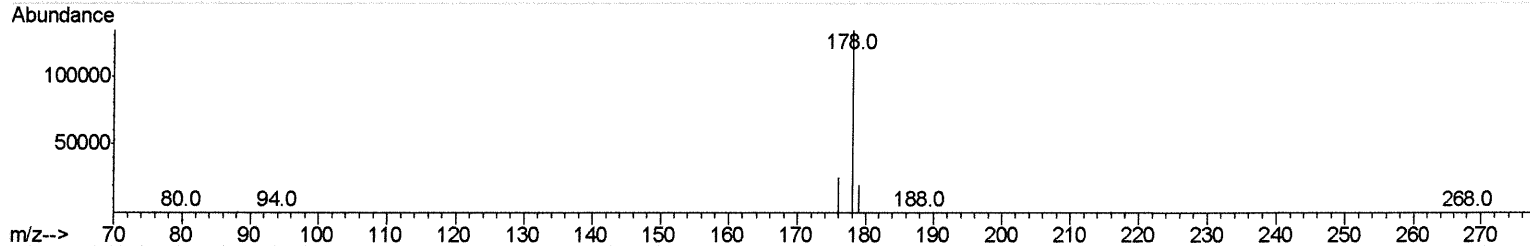
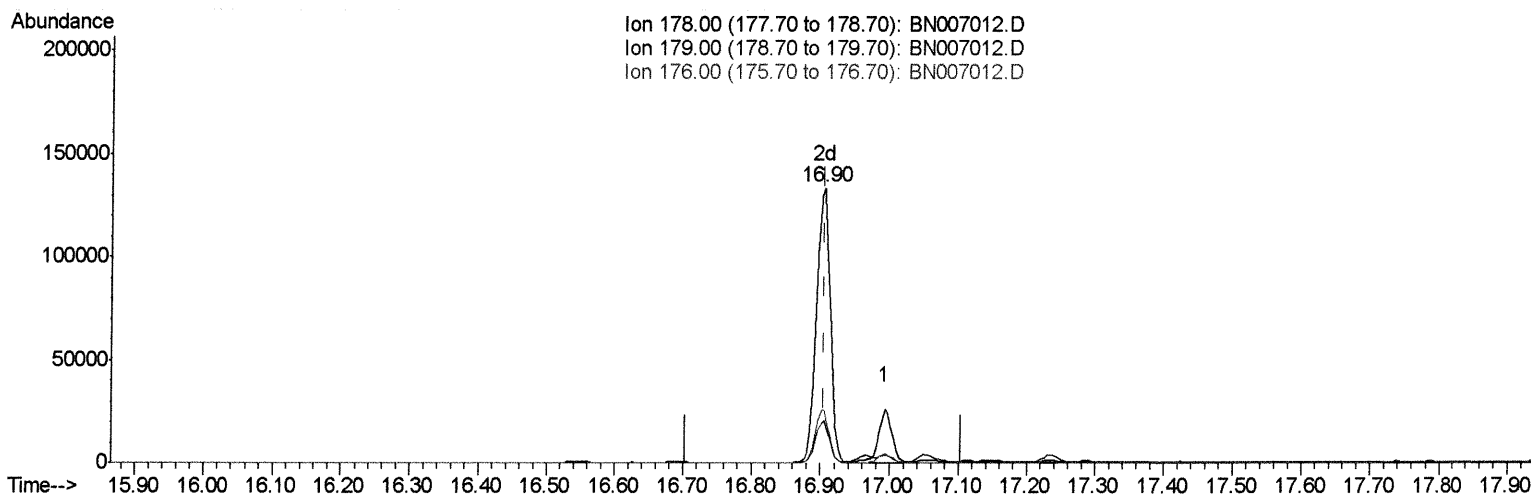
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 1.18ng/ul m

JU
08/09/19

response 183831

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.36
176.00	19.50	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

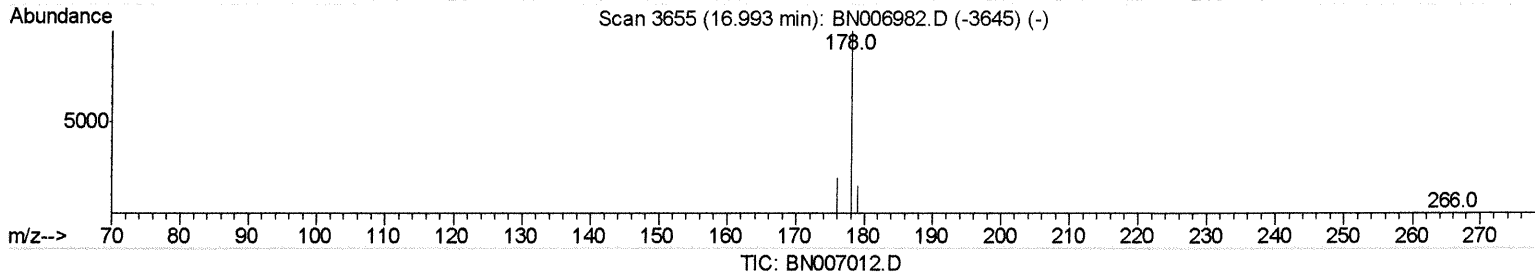
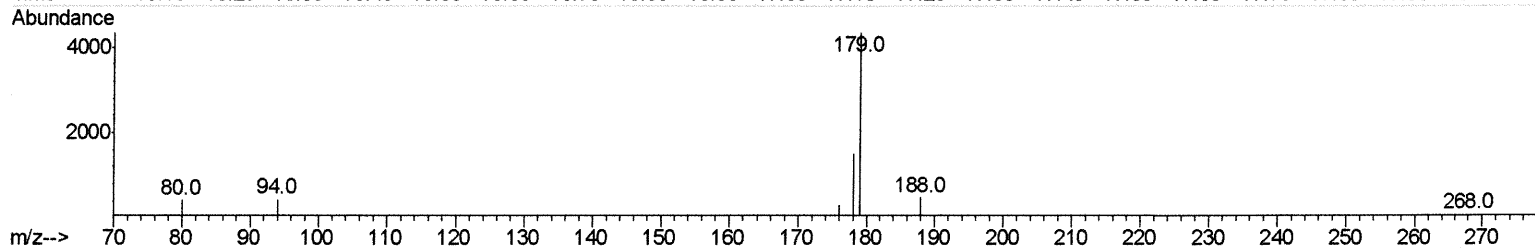
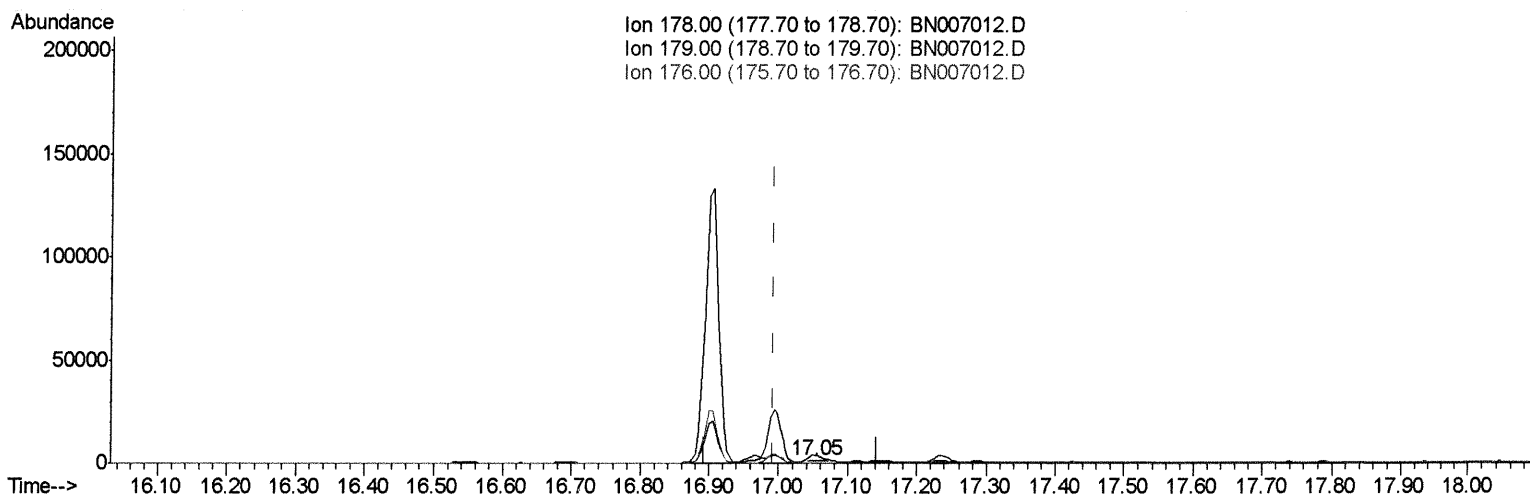
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ6

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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

17.052min (+0.059) 0.01ng/ul

response 1965

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	286.59#
176.00	19.20	20.81
0.00	0.00	0.00

Quantitation Report (Qedit)

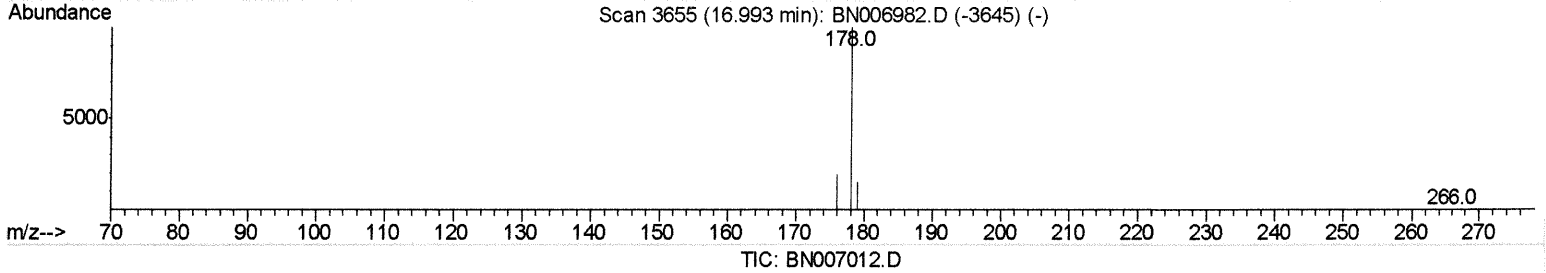
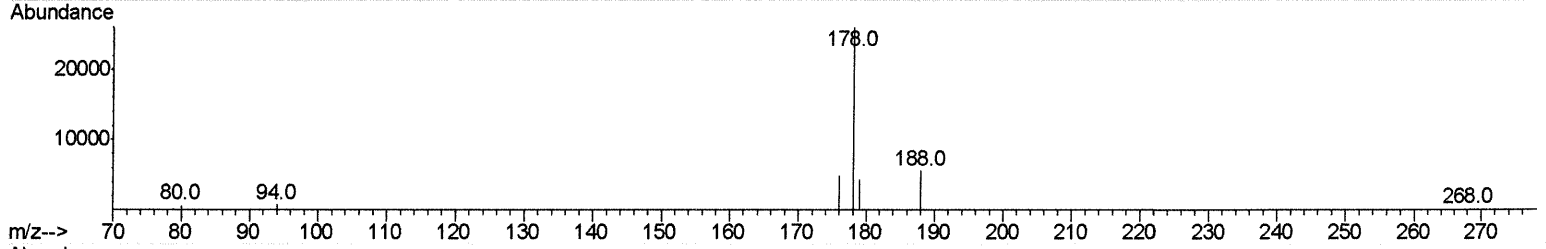
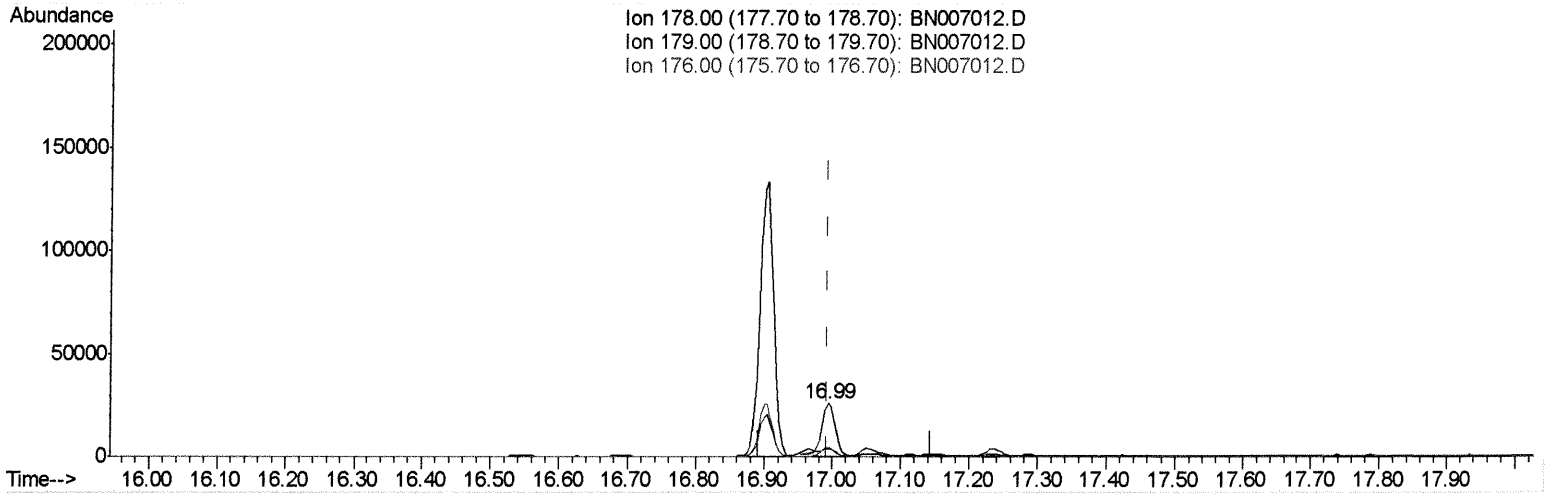
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 0.22ng/ul m

JU
08/09/19

response 35569

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	16.32
176.00	19.20	18.85
0.00	0.00	0.00

Quantitation Report (Qedit)

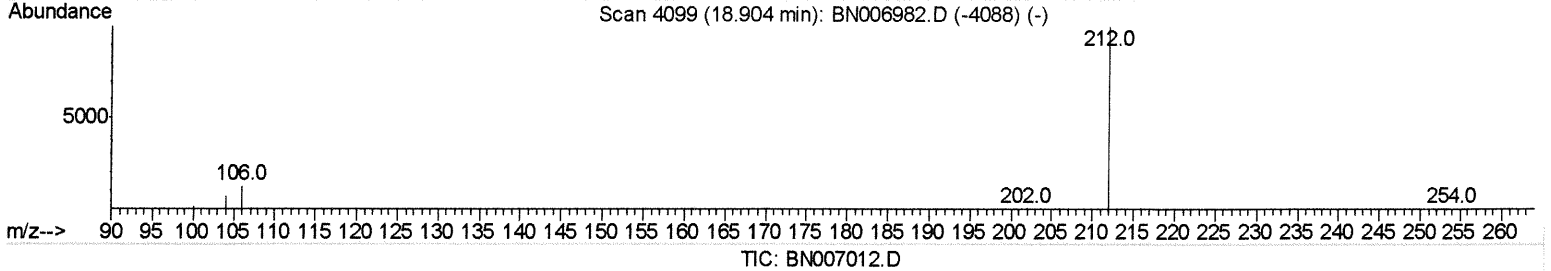
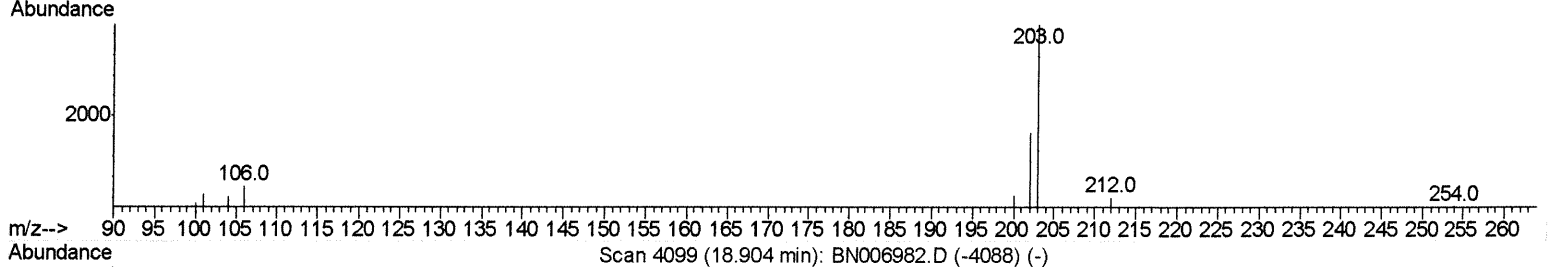
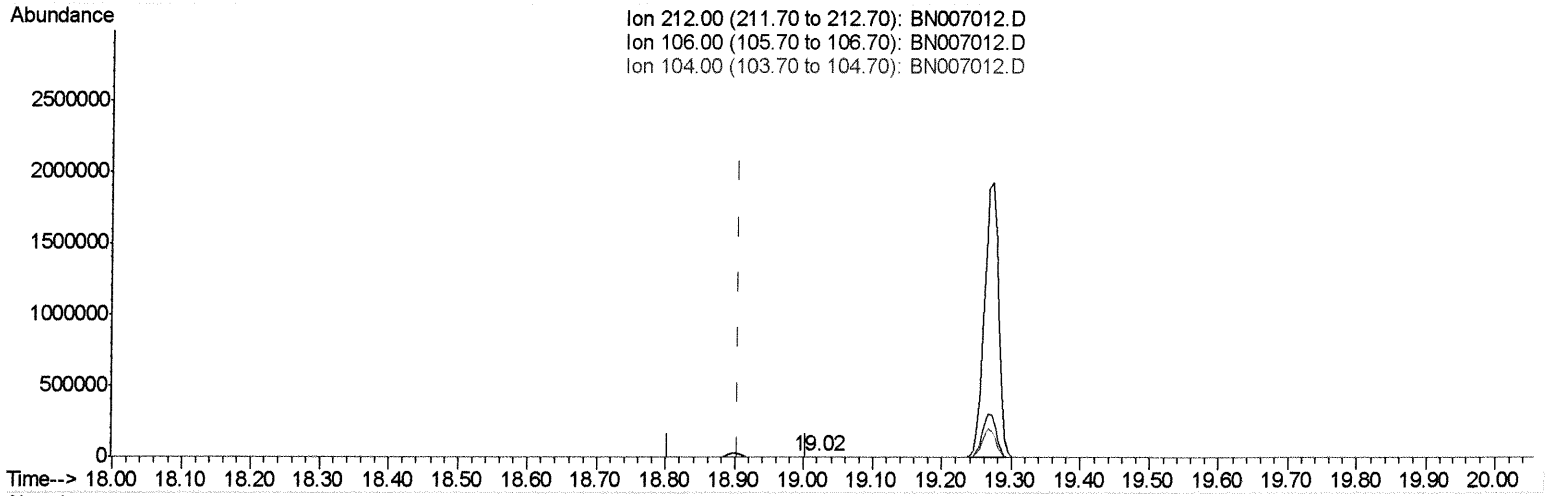
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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)

19.020min (+0.116) 0.00ng/ul

response 277

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	22.74#
104.00	7.10	42.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

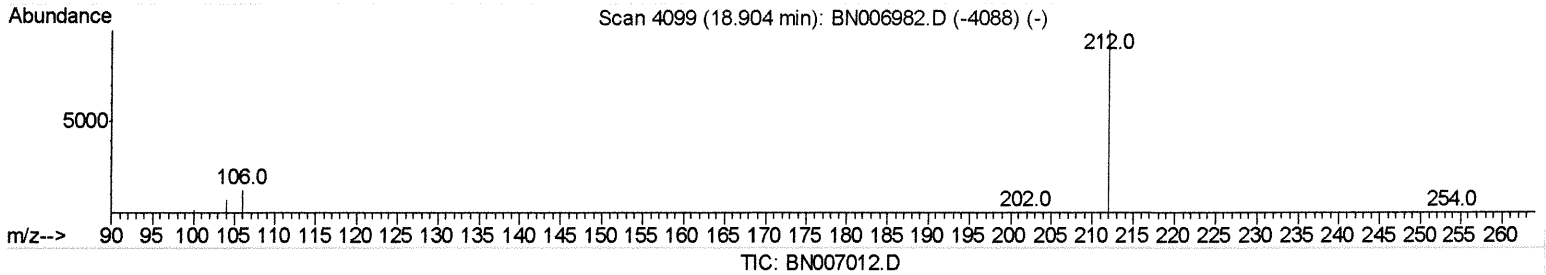
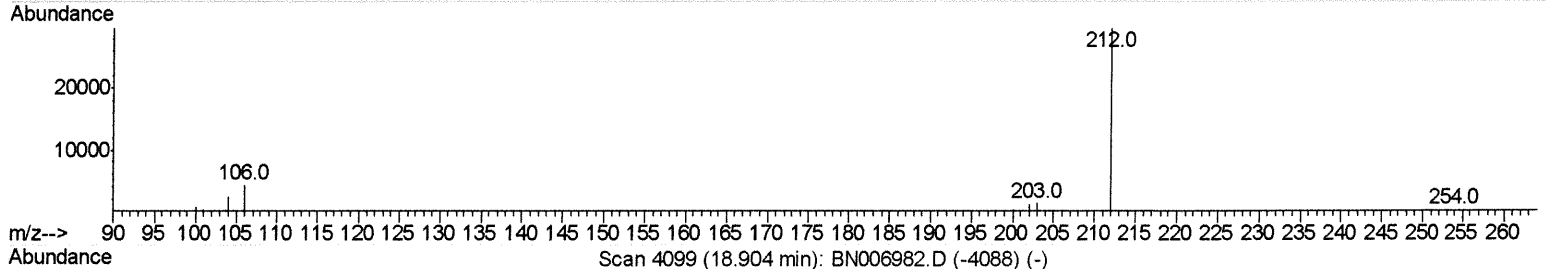
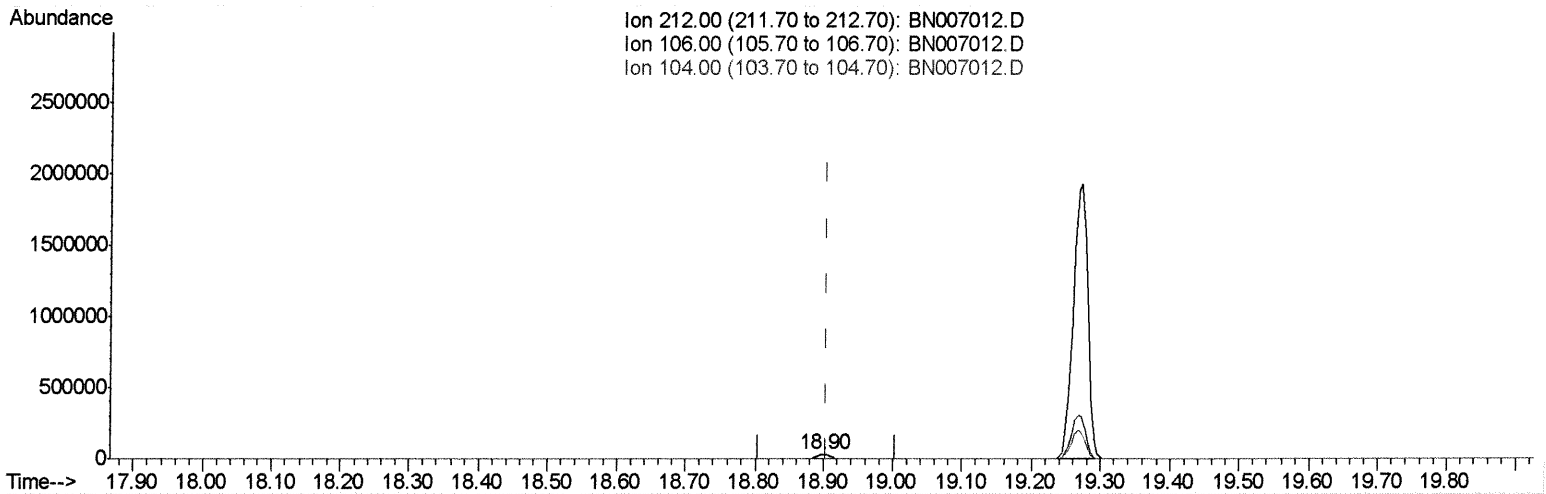
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 0.25ng/ul m

JU
08/09/19

response 38707

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	0.16#
104.00	7.10	0.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

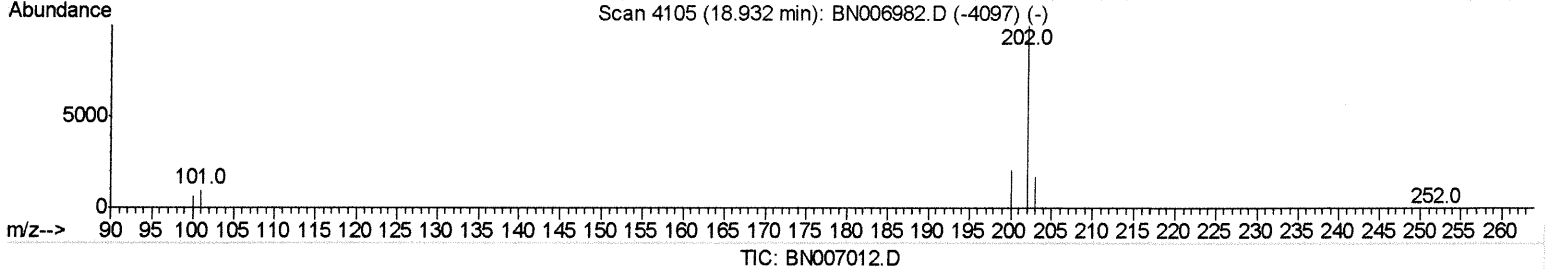
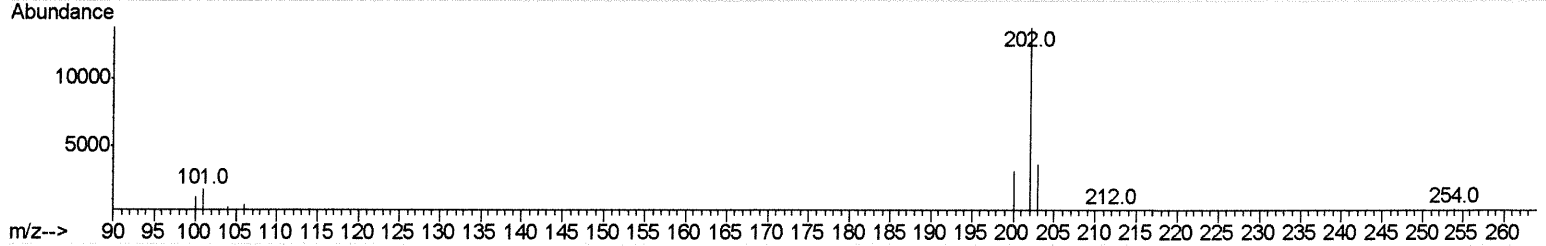
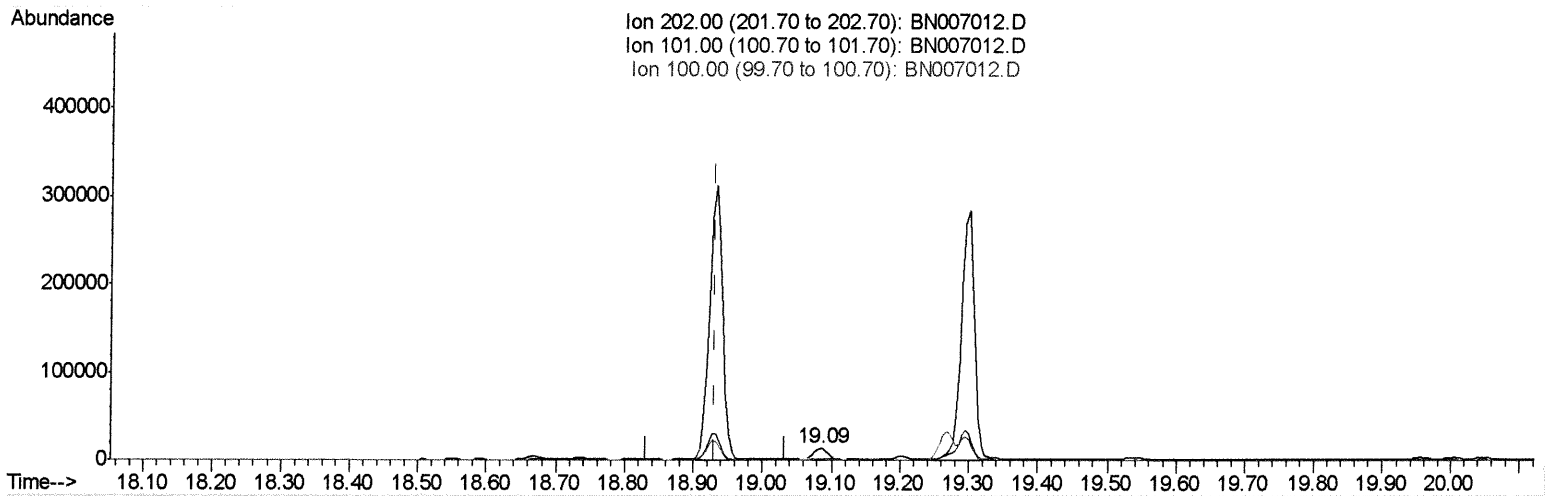
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 0.09ng/ul
 response 17056

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	12.19
100.00	7.70	8.12
0.00	0.00	0.00

Quantitation Report (Qedit)

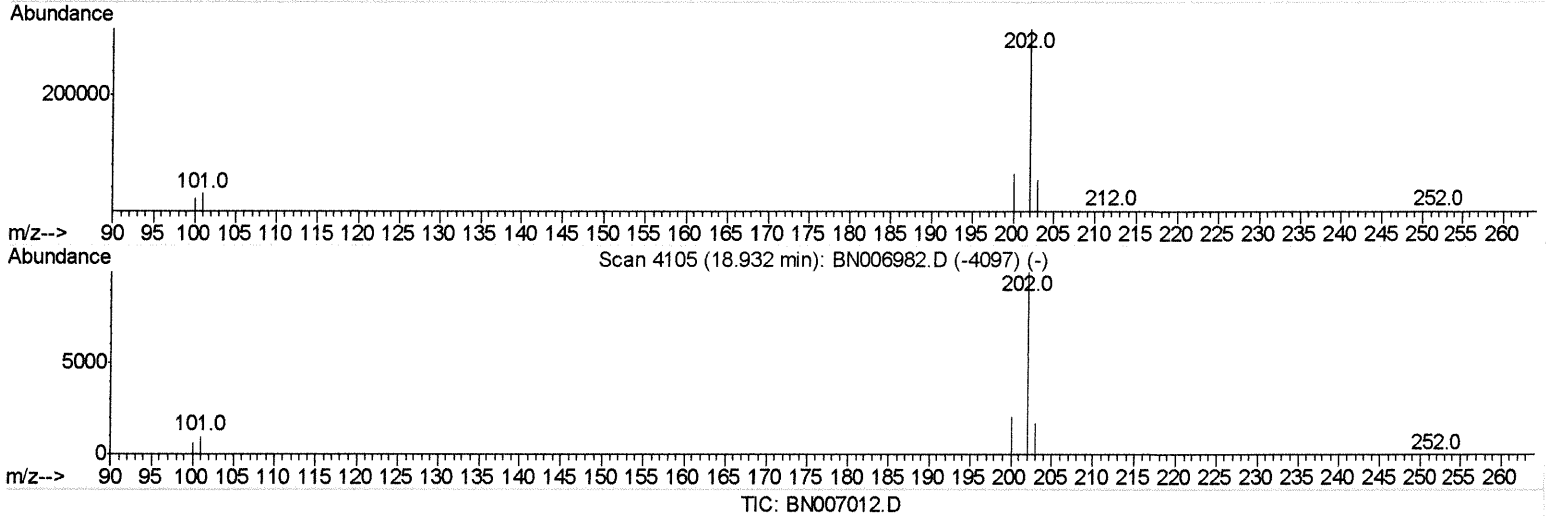
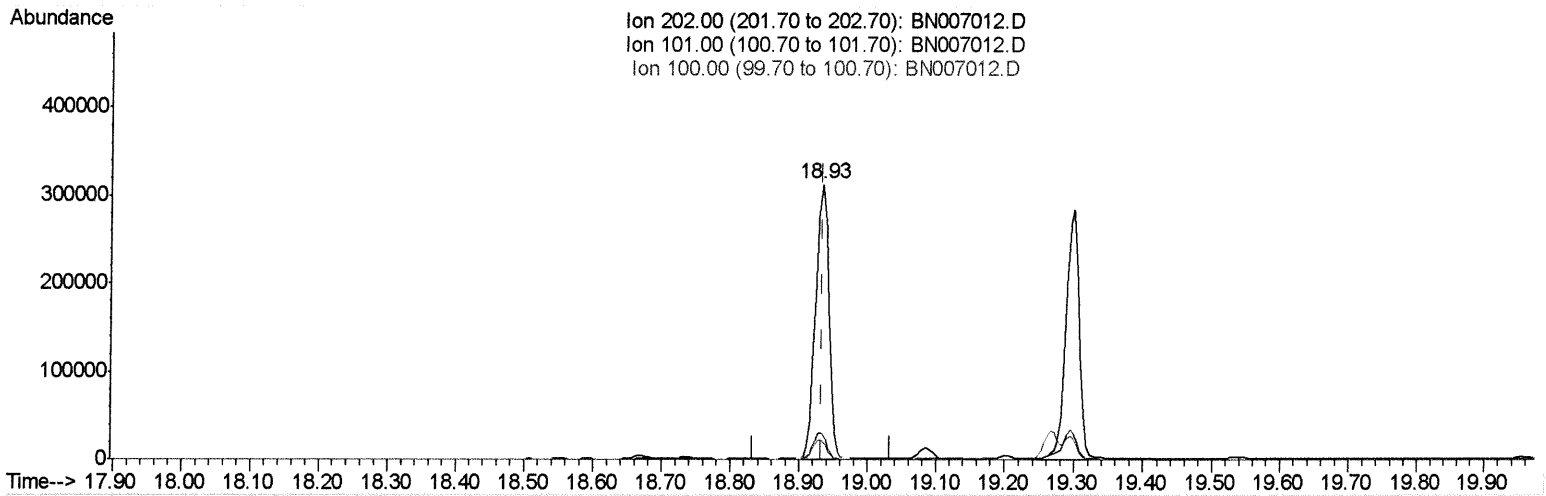
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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) 2.13ng/ul m *JU 08/09/19*

response 413456

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.47
100.00	7.70	7.06
0.00	0.00	0.00

Quantitation Report (Qedit)

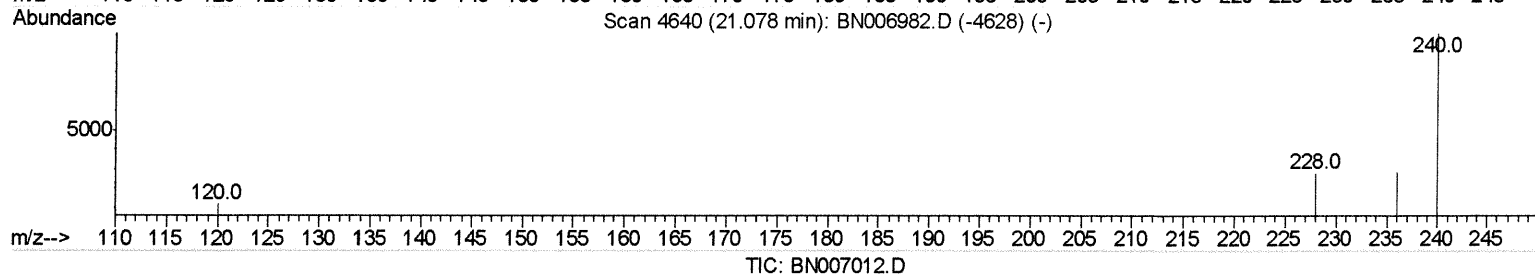
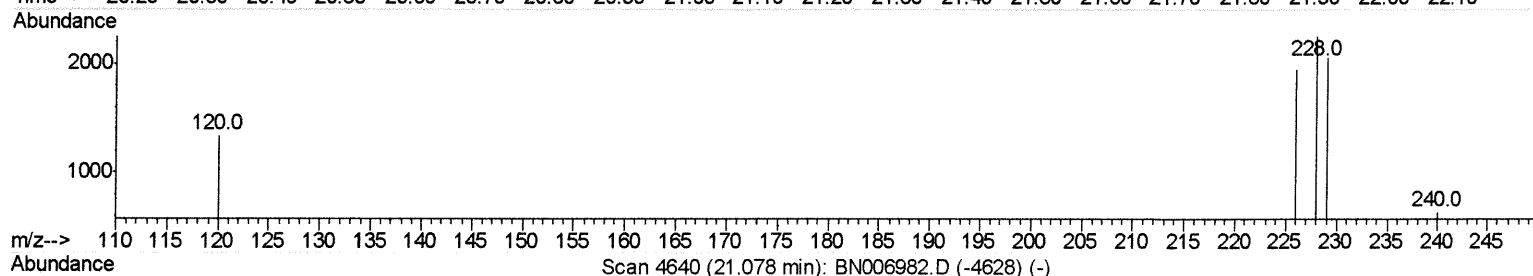
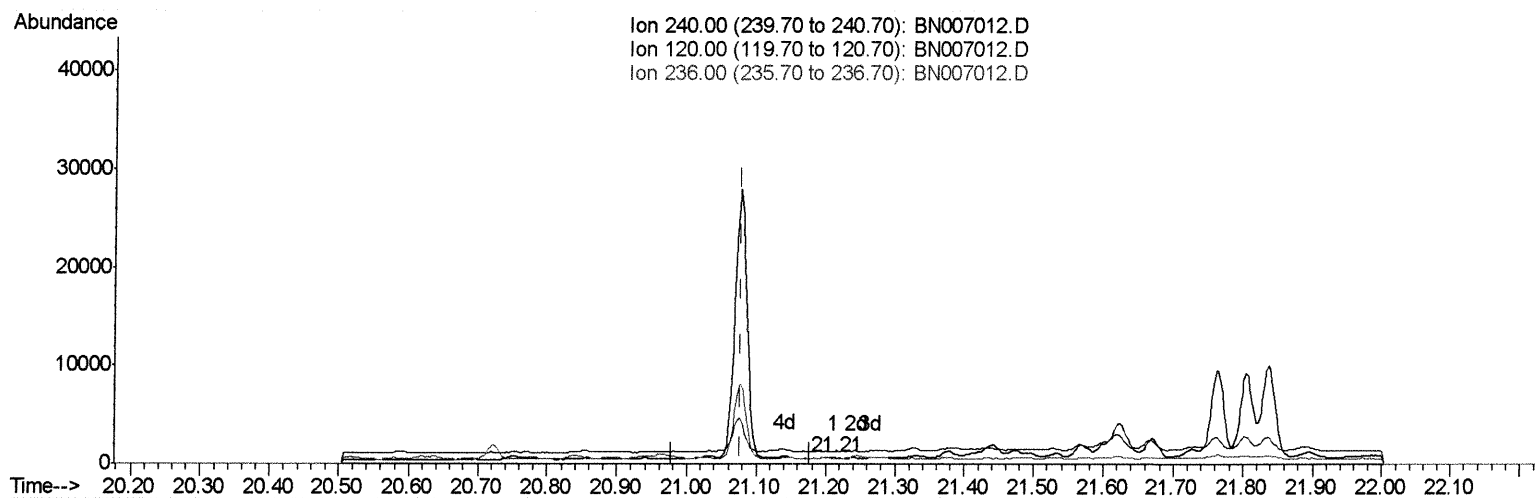
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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)

21.211min (+0.133) 0.40ng/ul

response 138

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	208.57#
236.00	29.00	90.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

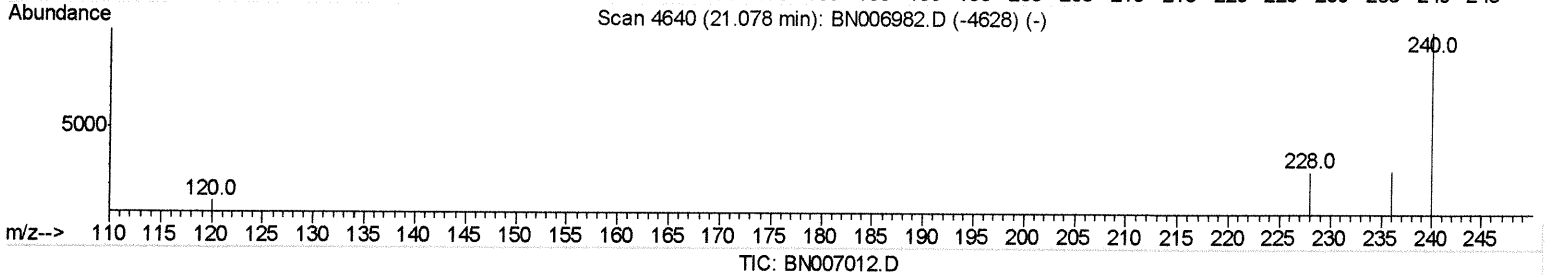
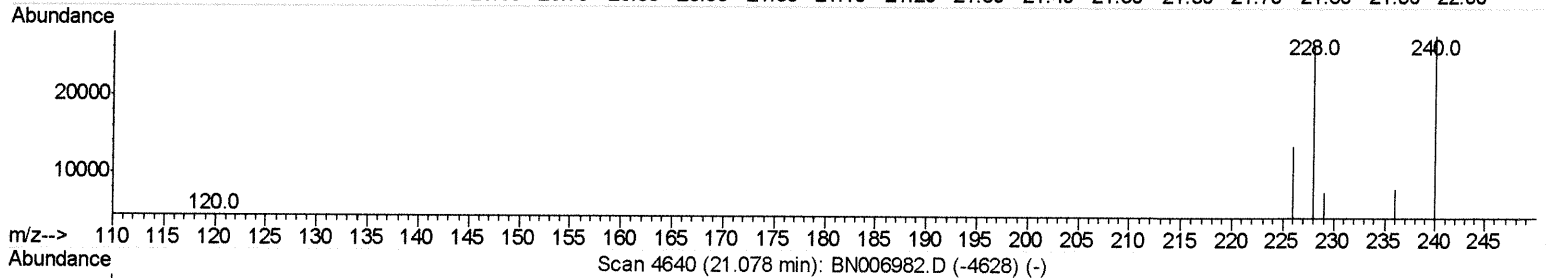
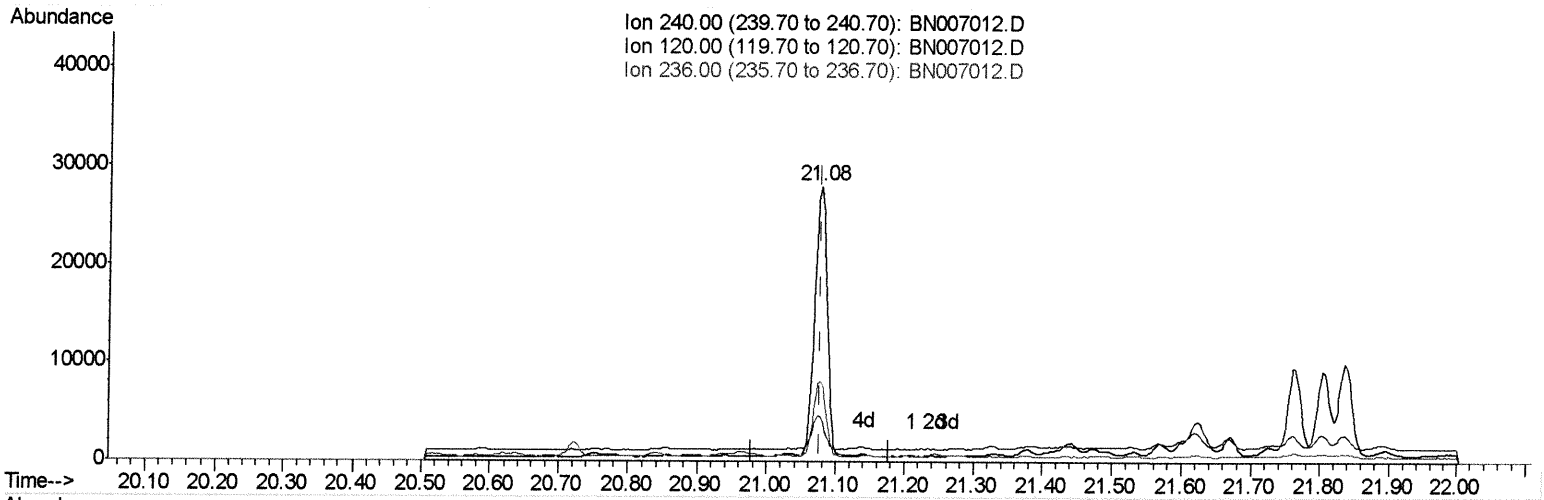
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:50:00 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)

21.077min (-0.001) 0.40ng/ul m *50 08/09/19*

response 33594

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	16.21#
236.00	29.00	29.24
0.00	0.00	0.00

Quantitation Report (Qedit)

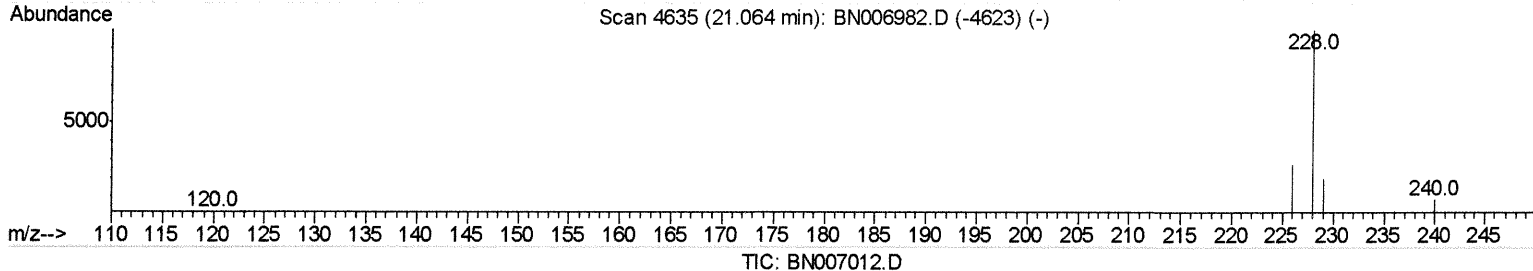
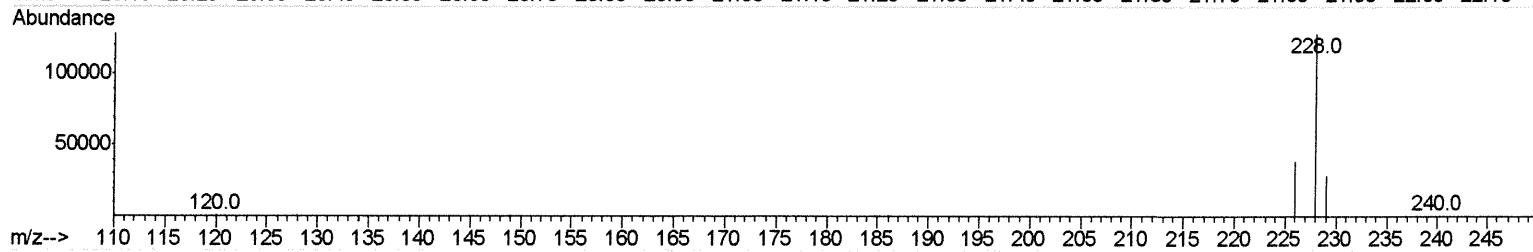
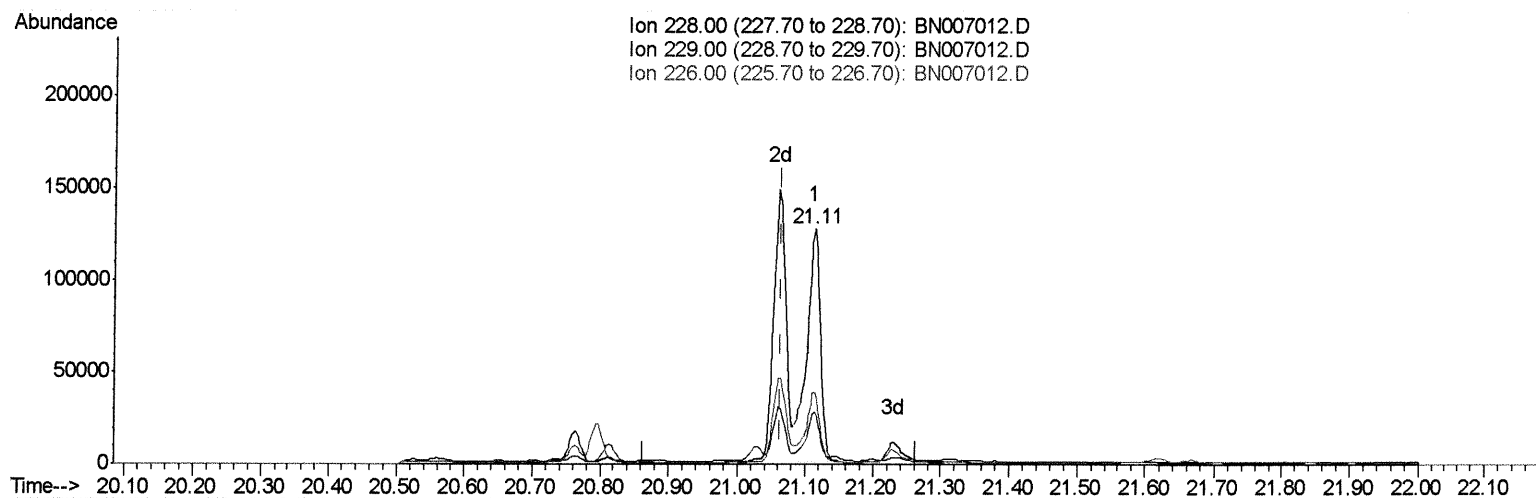
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ6

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:54:11 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

21.112min (+0.048) 1.23ng/ul

response 181508

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	22.29
226.00	27.80	30.78
0.00	0.00	0.00

Quantitation Report (Qedit)

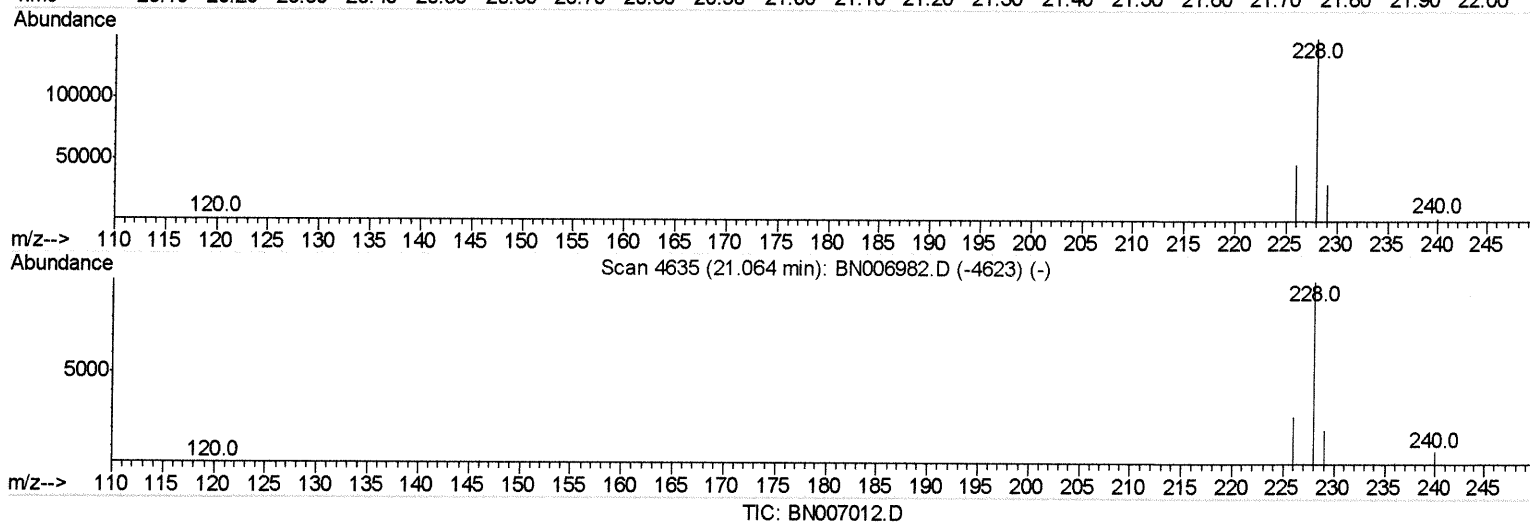
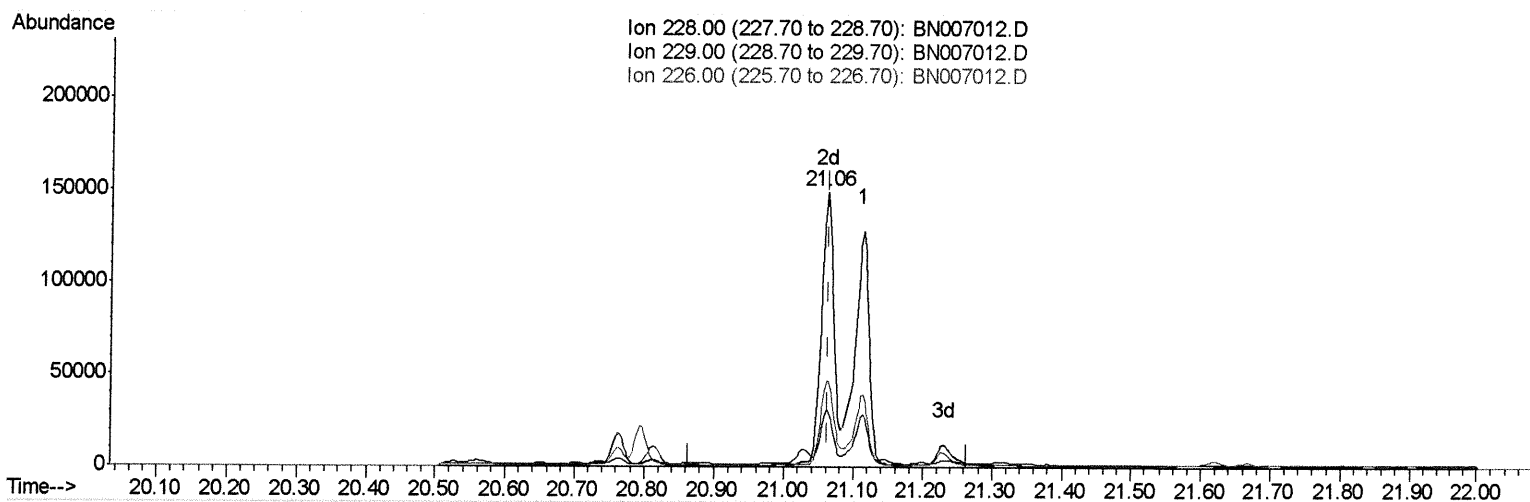
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:54:11 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

21.060min (-0.004) 1.23ng/ul m

JU
08/09/19

response 181158

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.86
226.00	27.80	31.46
0.00	0.00	0.00

Quantitation Report (Qedit)

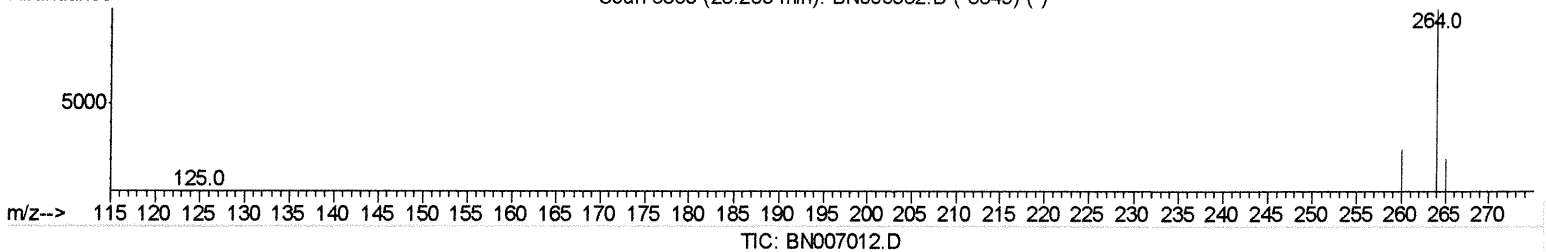
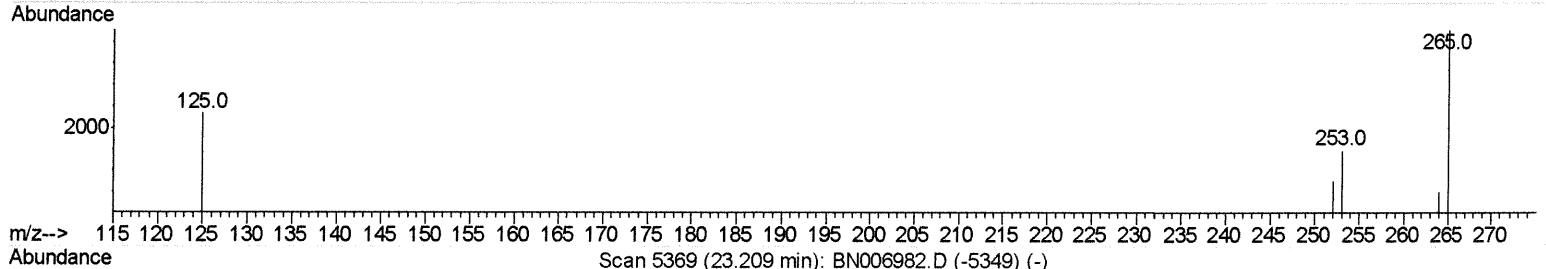
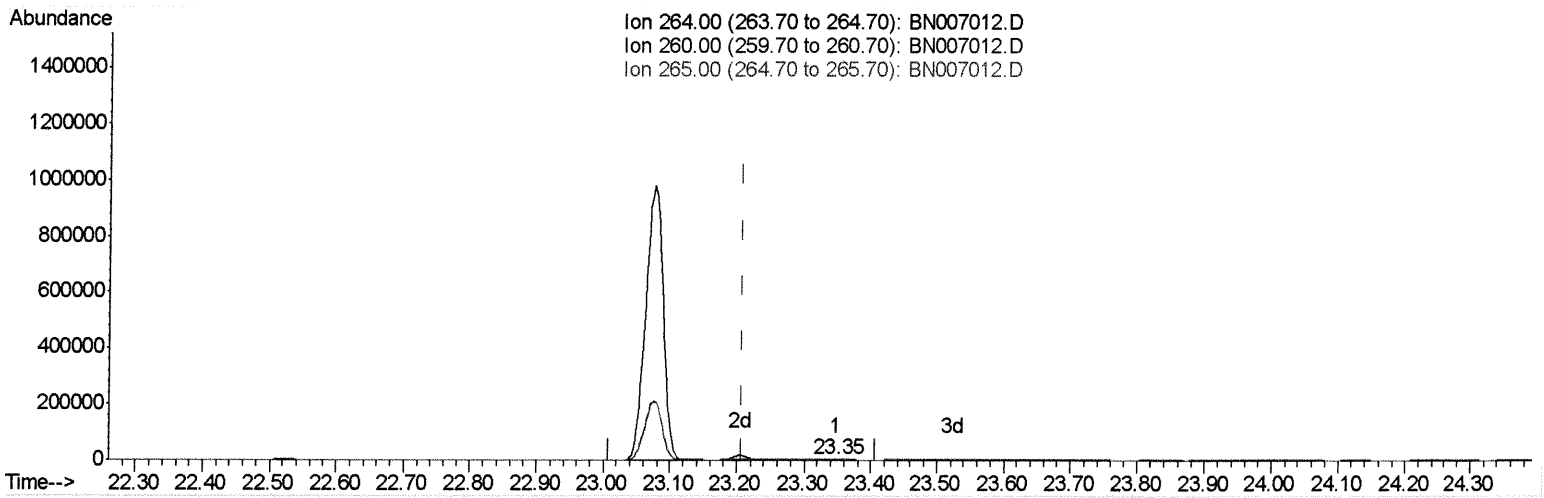
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BENZ6

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:54:11 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)

23.348min (+0.139) 0.40ng/ul

response 951

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	53.24#
265.00	27.80	467.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

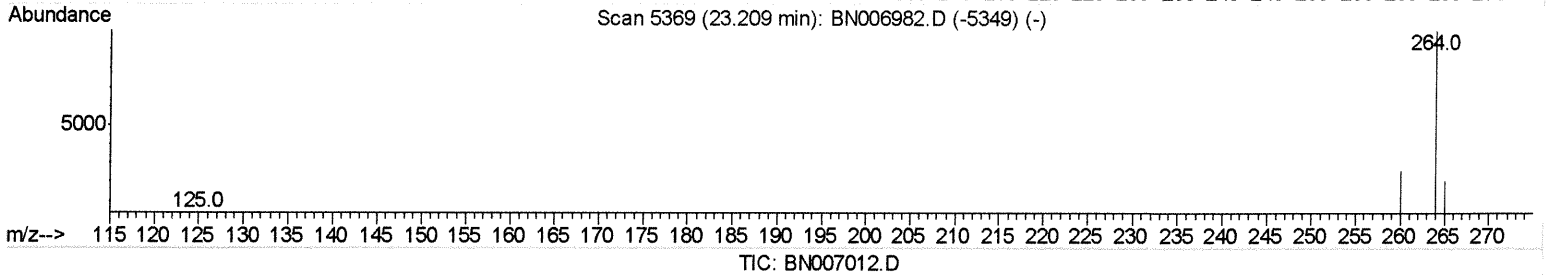
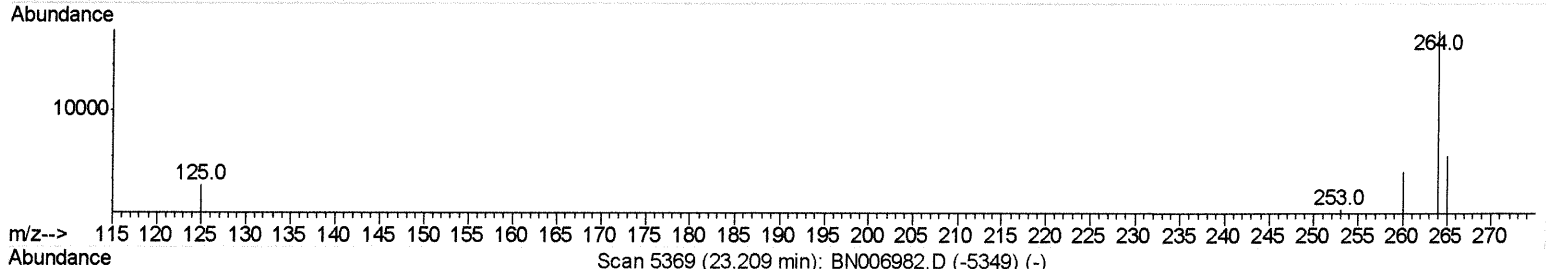
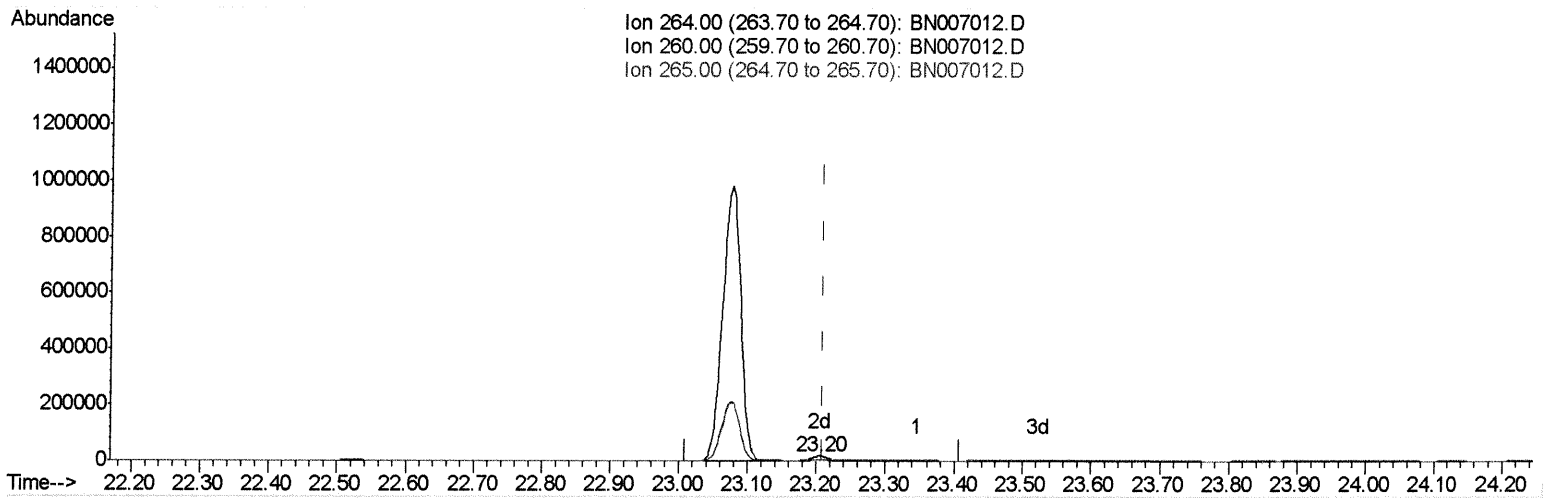
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:54:11 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)

23.205min (-0.004) 0.40ng/ul m *JU 08/09/19*

response 27854

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	27.55
265.00	27.80	35.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

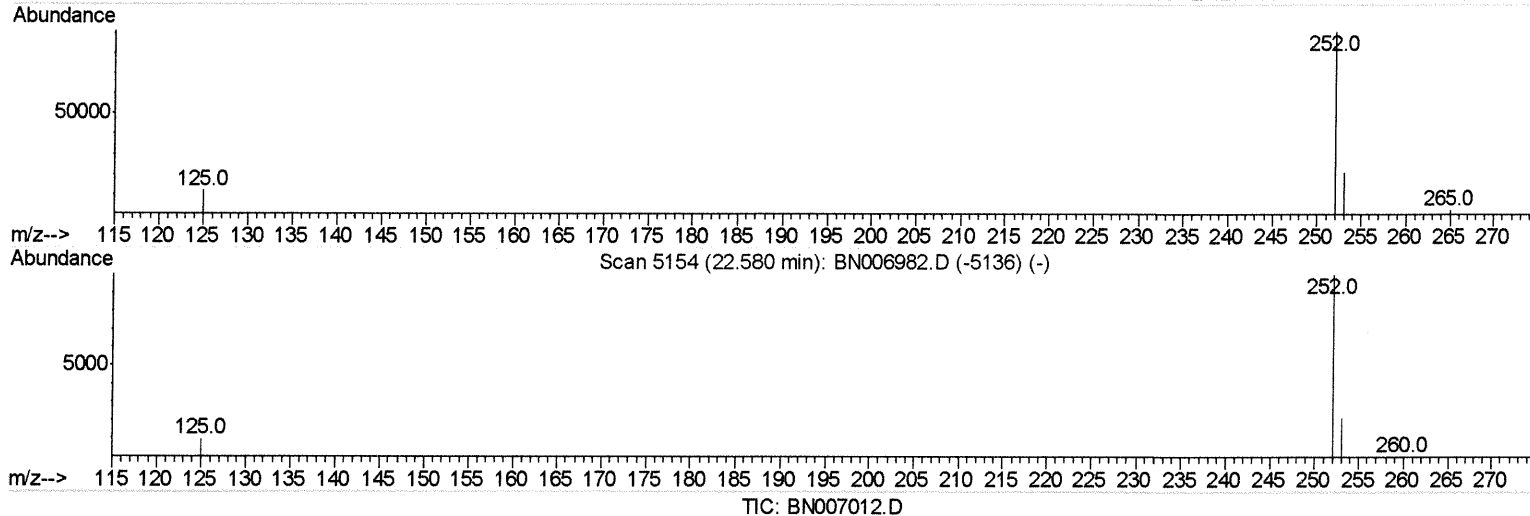
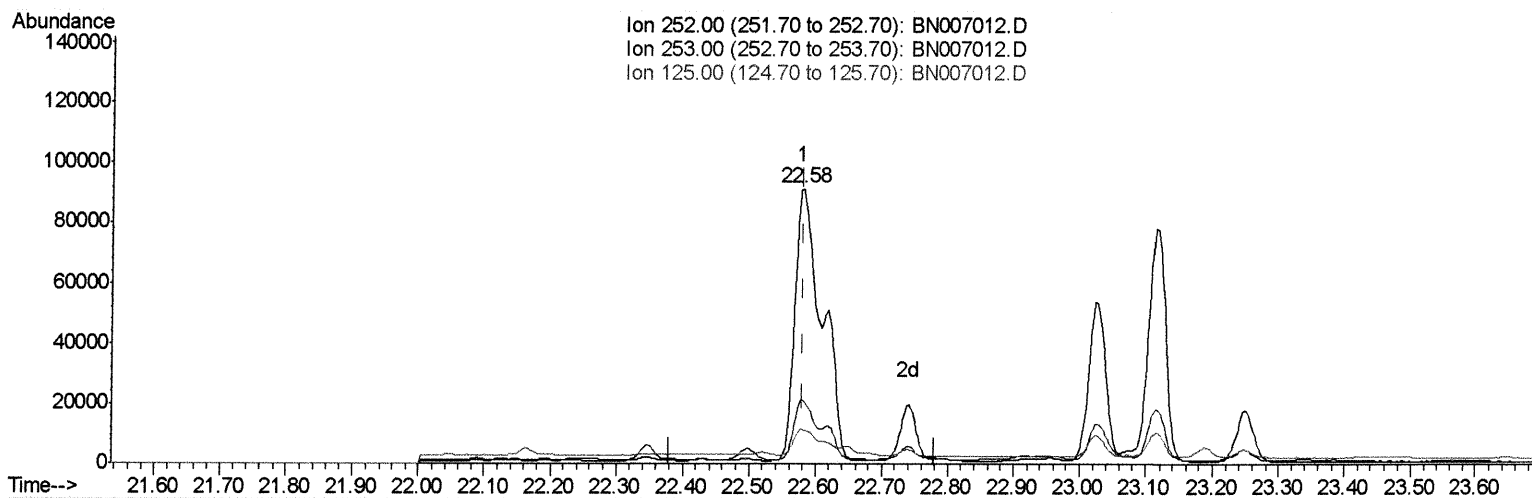
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

22.579min (-0.001) 2.29ng/ul

response 258162

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.21
125.00	11.10	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

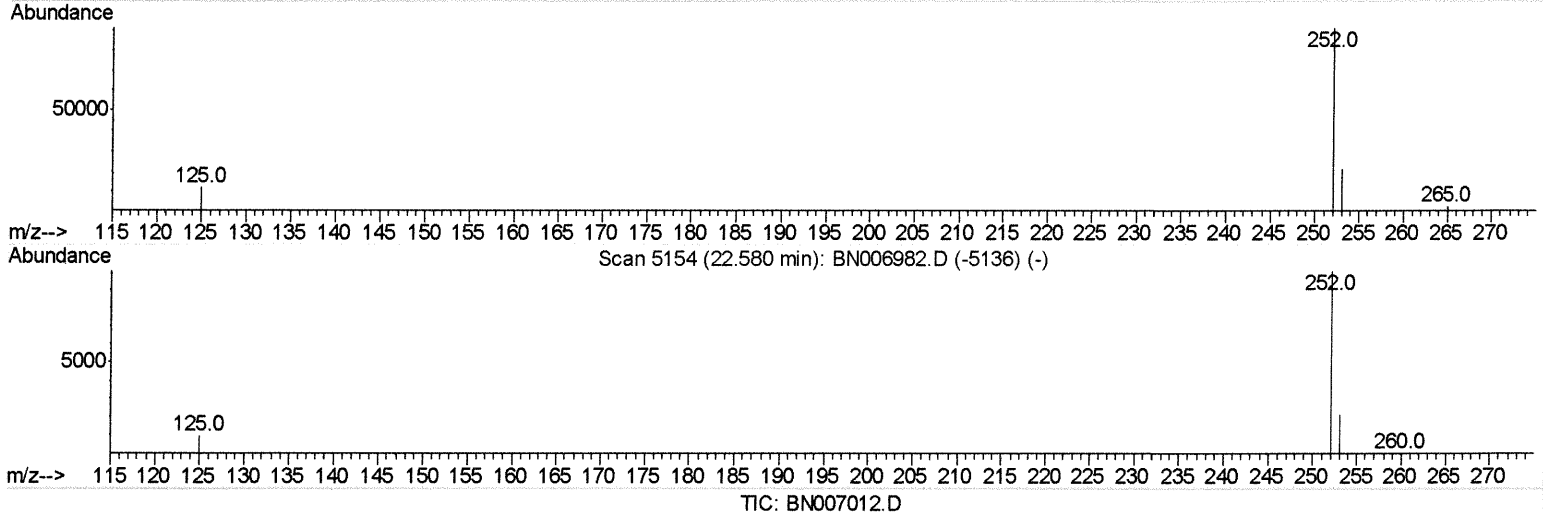
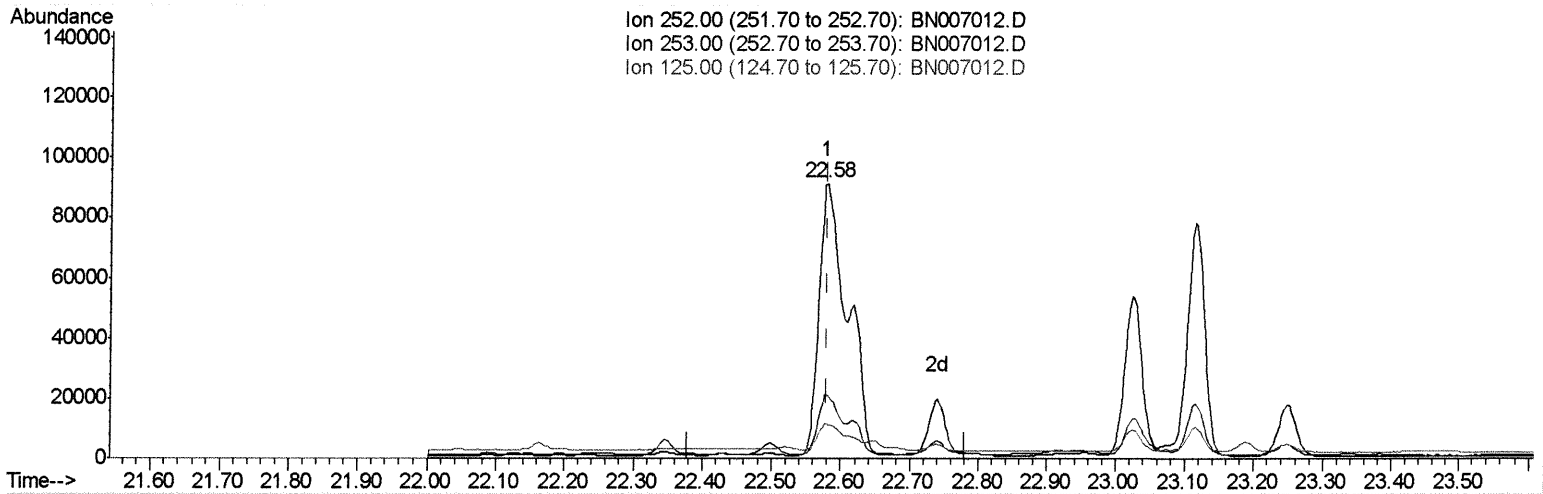
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

22.579min (-0.001) 1.72ng/ul m

JU 08/09/19

response 194466

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.21
125.00	11.10	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

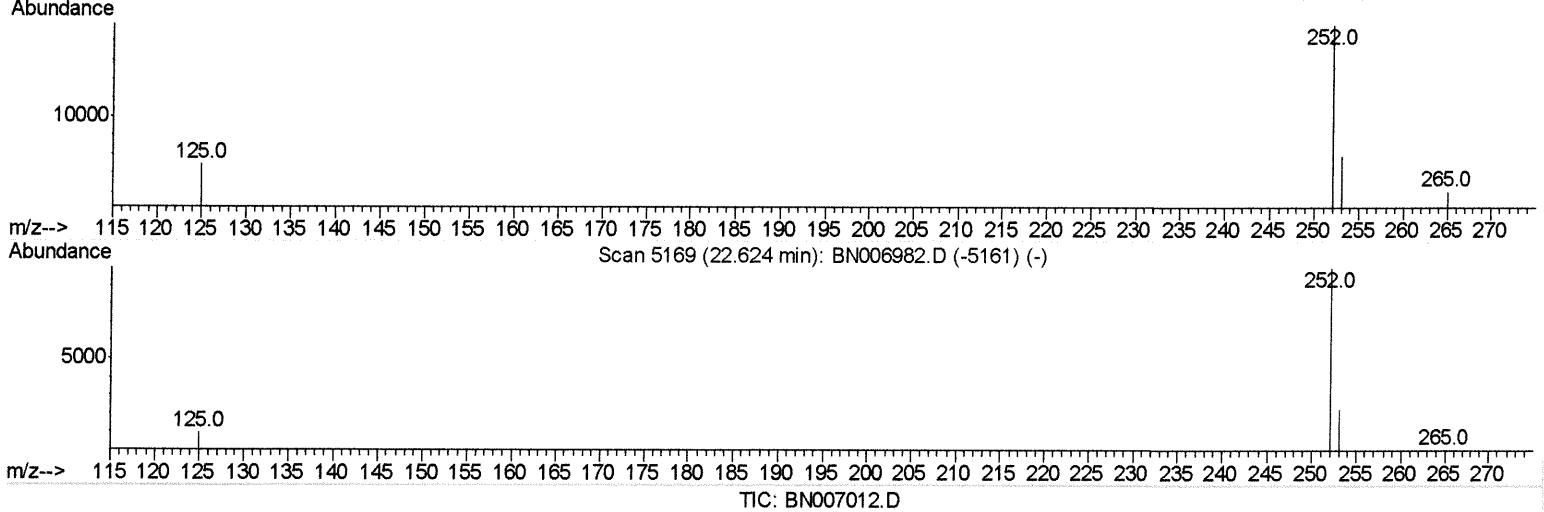
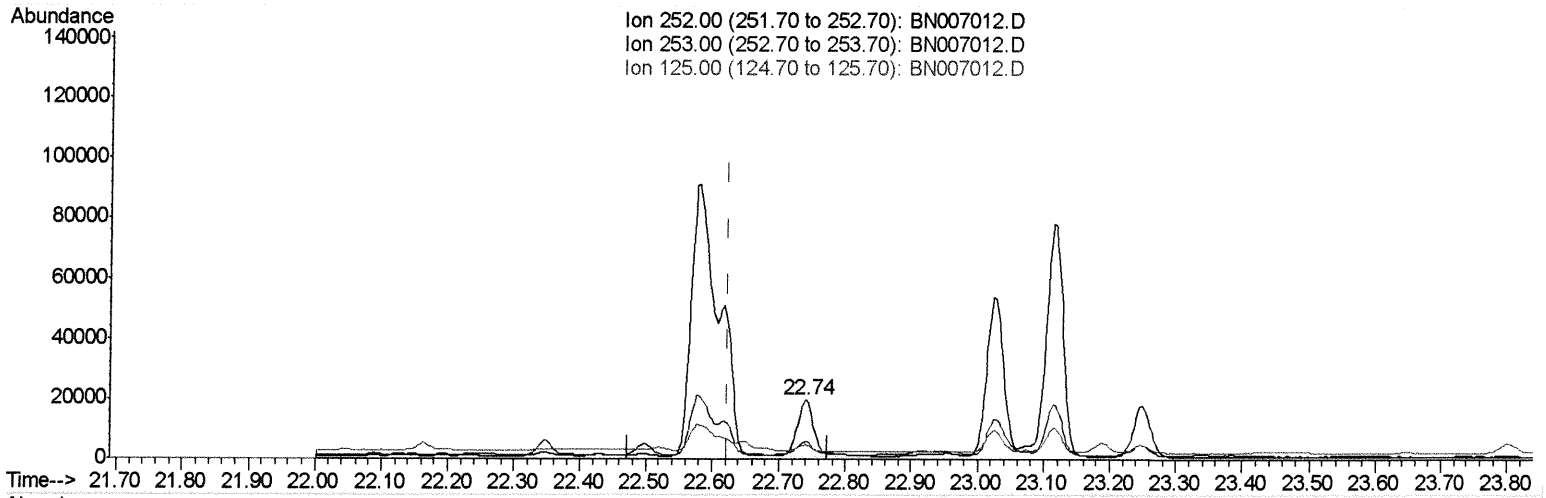
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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
 22.740min (+0.116) 0.30ng/ul
 response 33327

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.79#
125.00	10.90	24.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

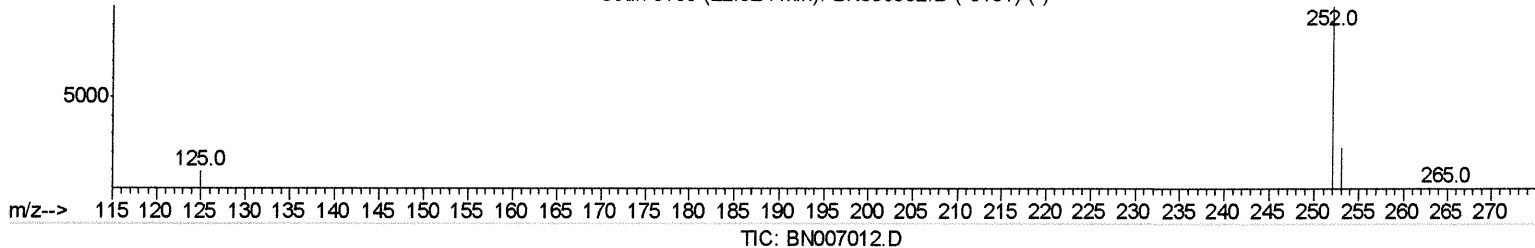
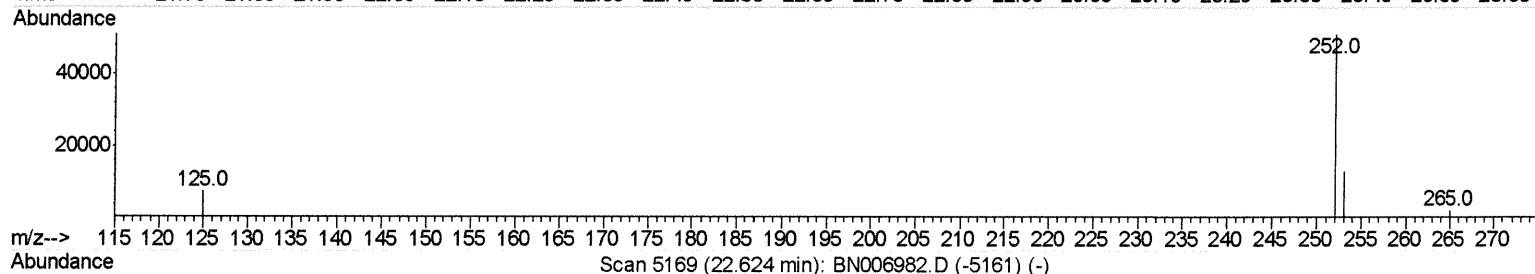
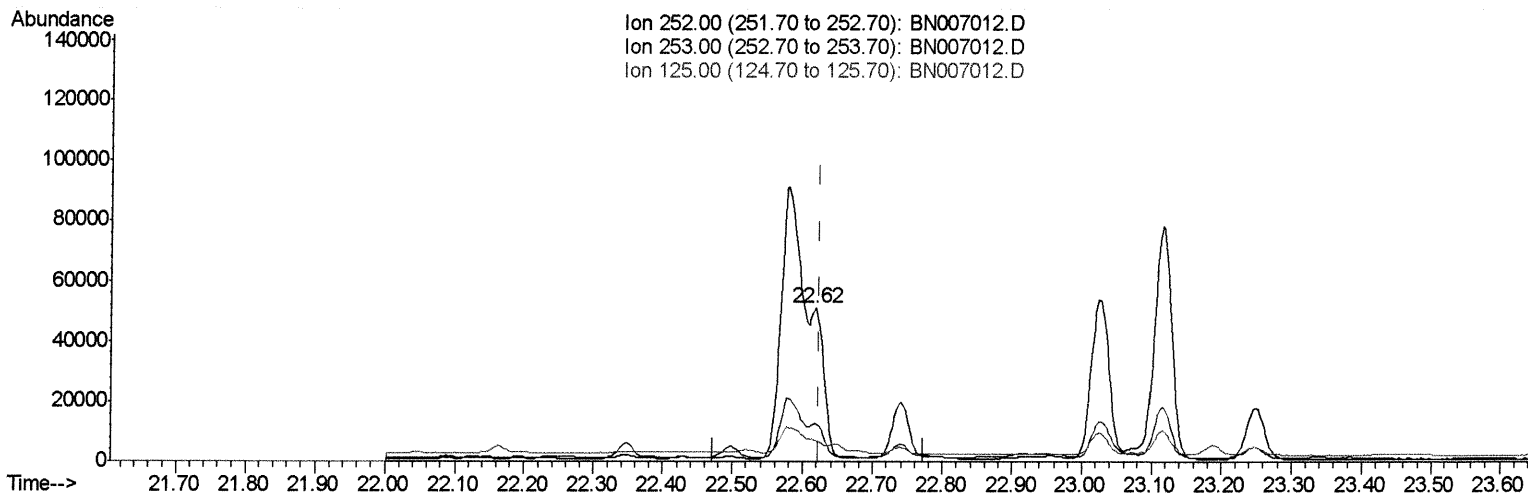
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

22.617min (-0.007) 0.57ng/ul m

Ju
08/09/19

response 62575

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	25.48
125.00	10.90	14.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

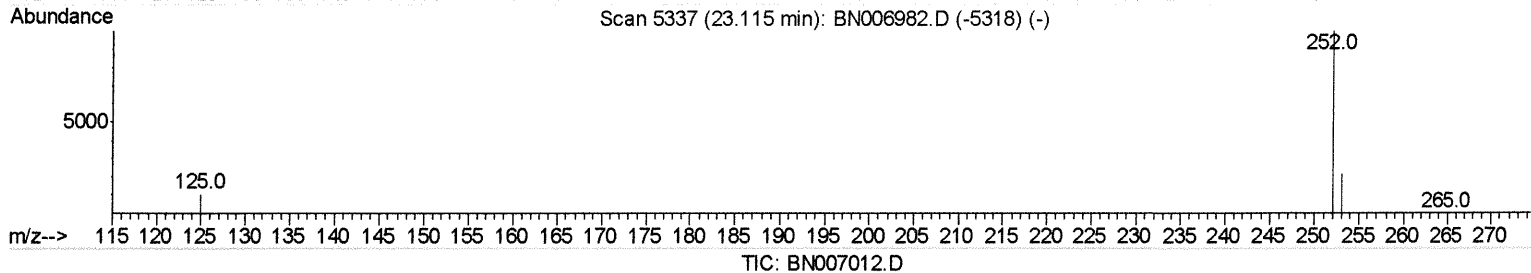
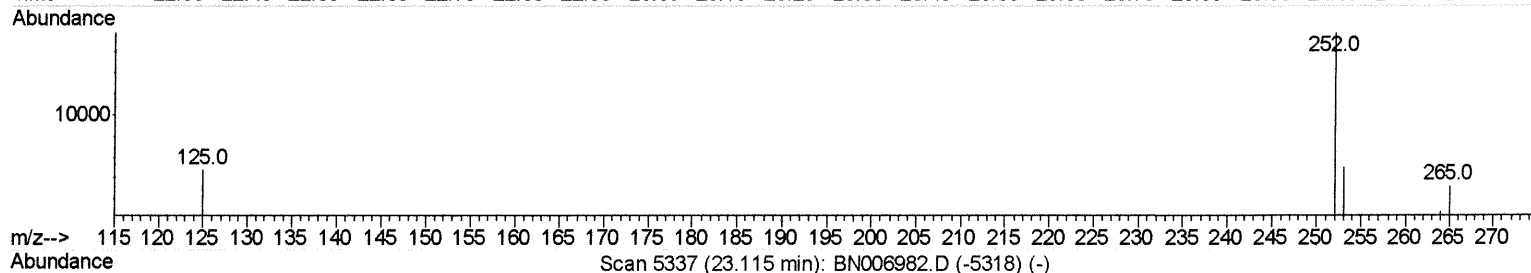
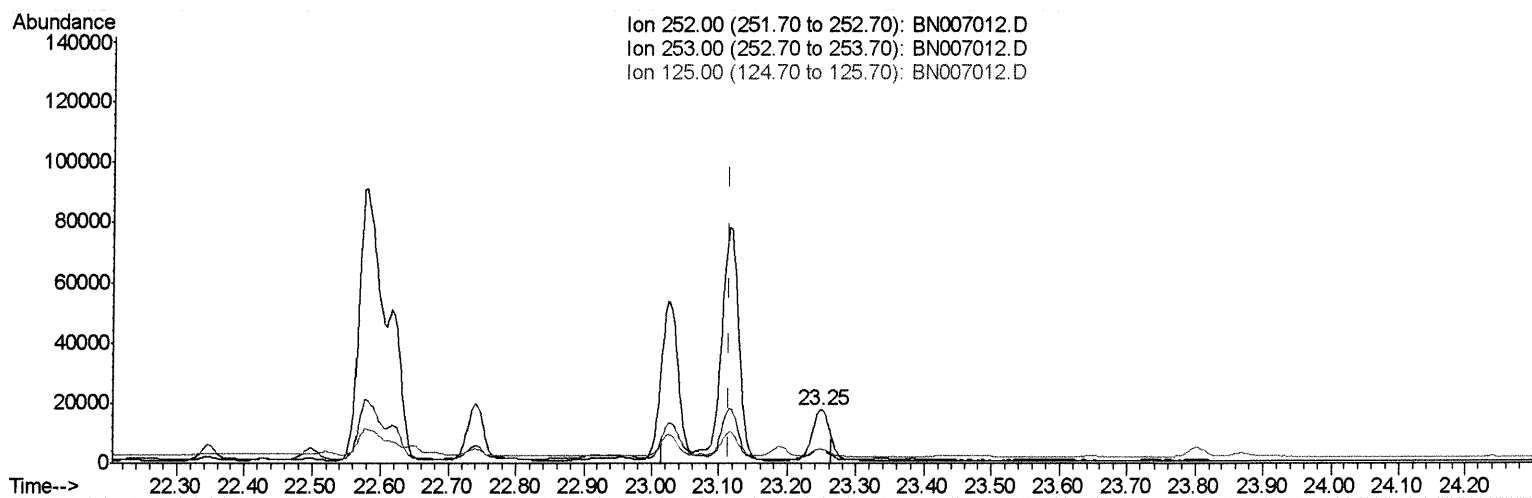
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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)

23.248min (+0.133) 0.29ng/ul

response 30811

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	28.19#
125.00	12.50	26.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

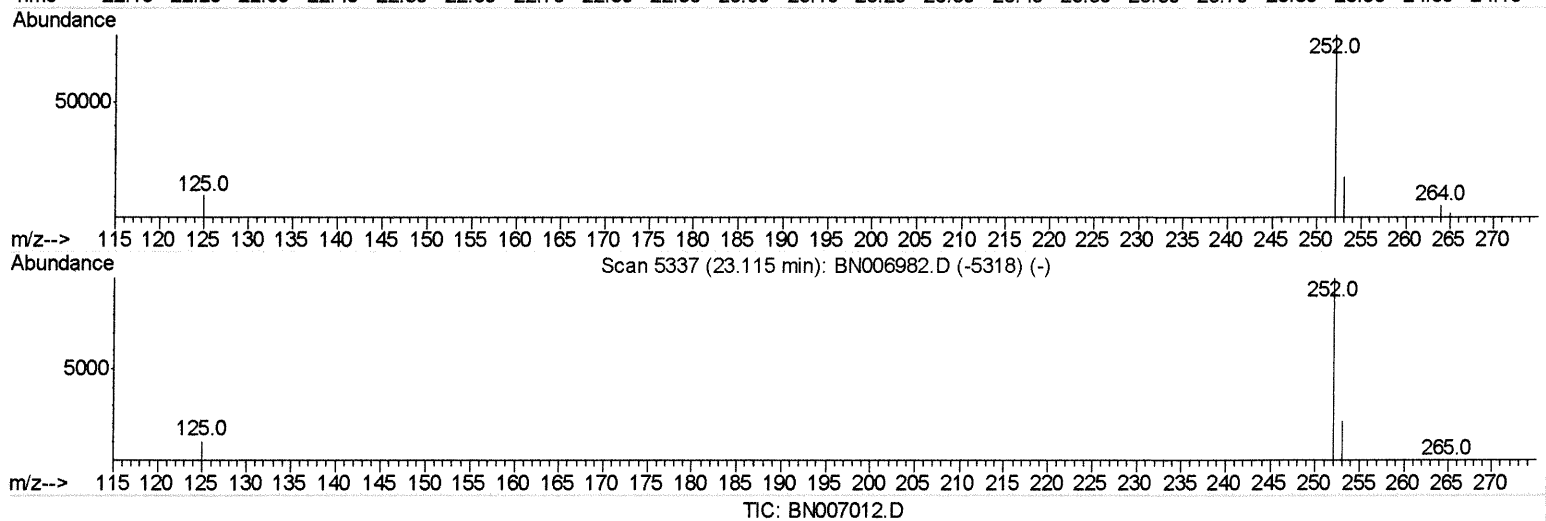
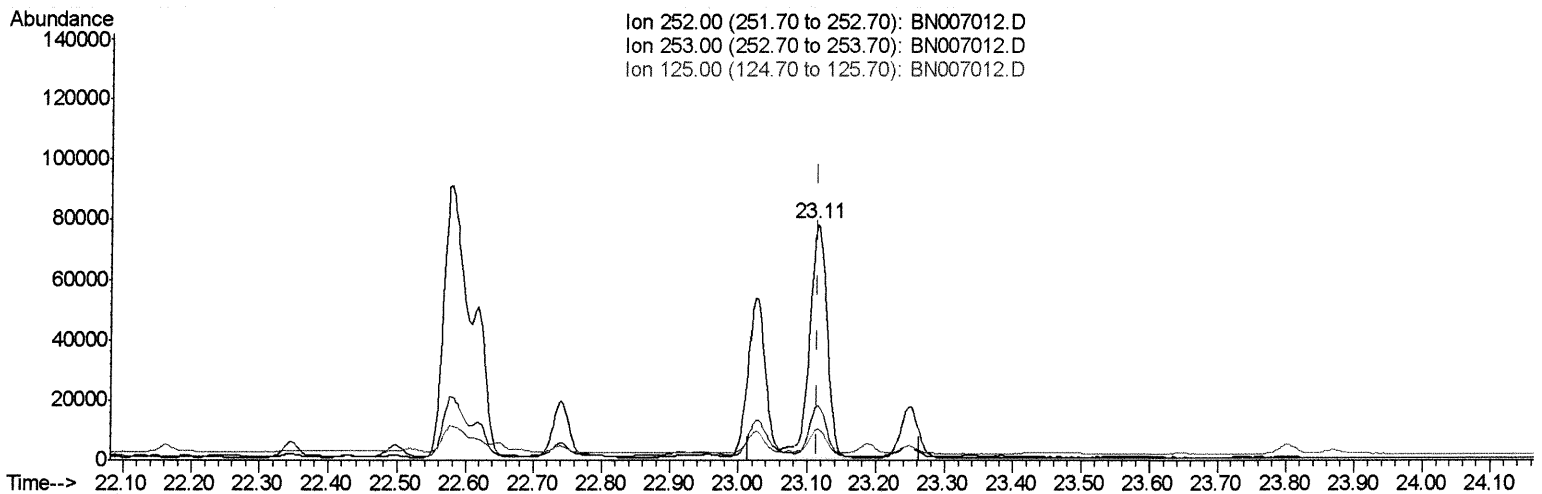
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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)

23.114min (-0.001) 1.26ng/ul m

Ju 08/09/19

response 134372

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.24
125.00	12.50	13.18
0.00	0.00	0.00

Quantitation Report (Qedit)

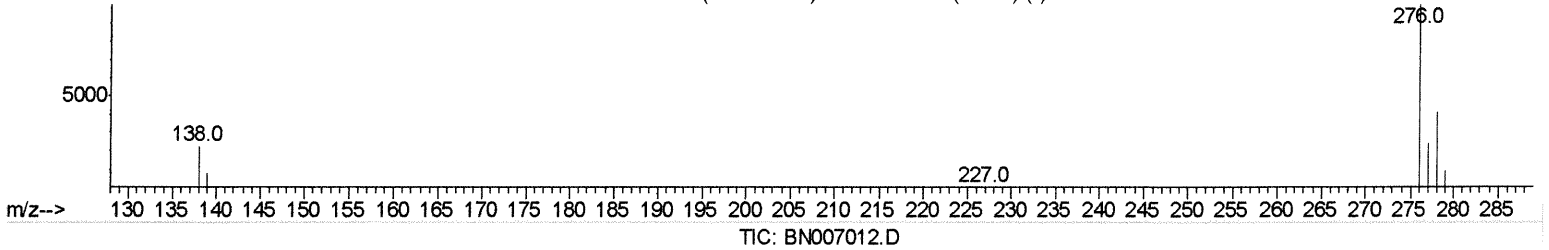
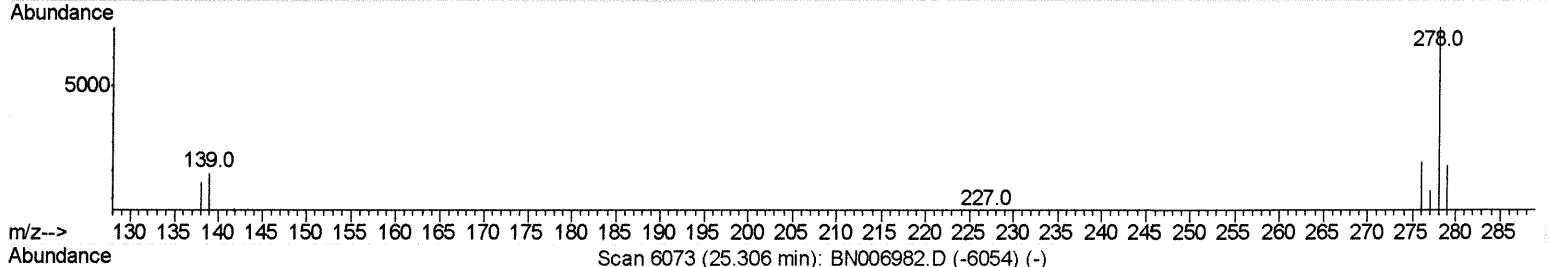
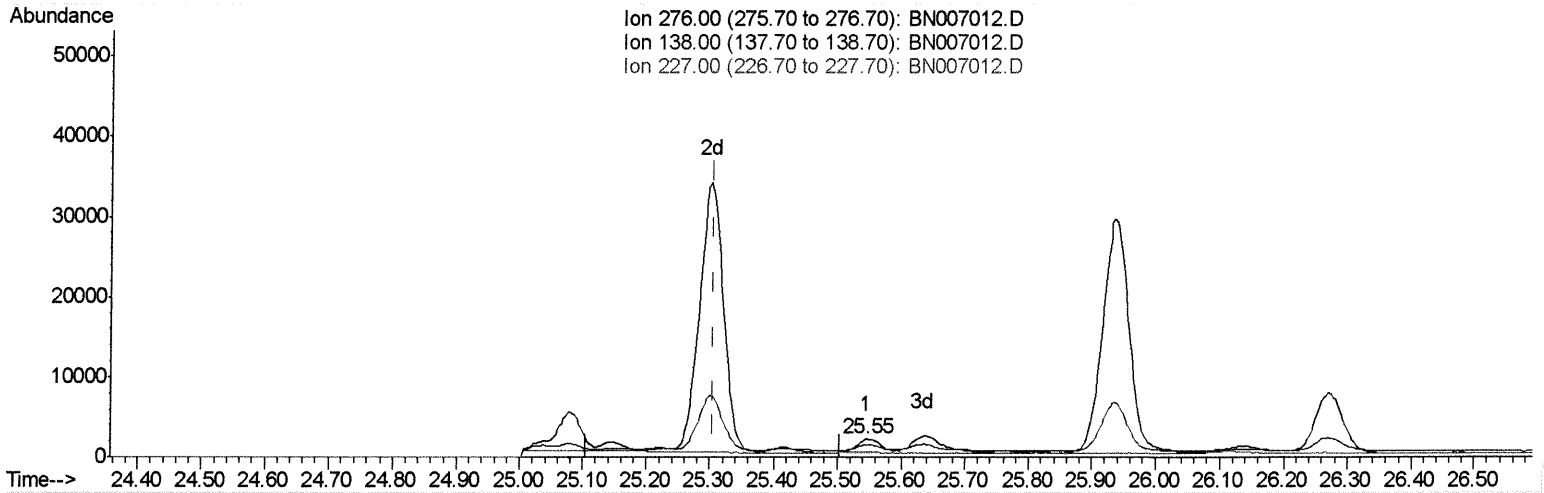
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.546min (+0.240) 0.04ng/ul

response 4855

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	49.68#
227.00	0.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

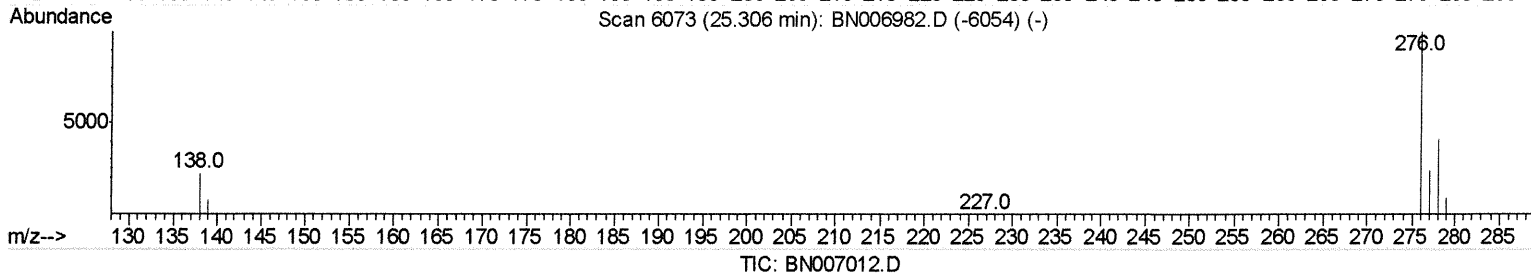
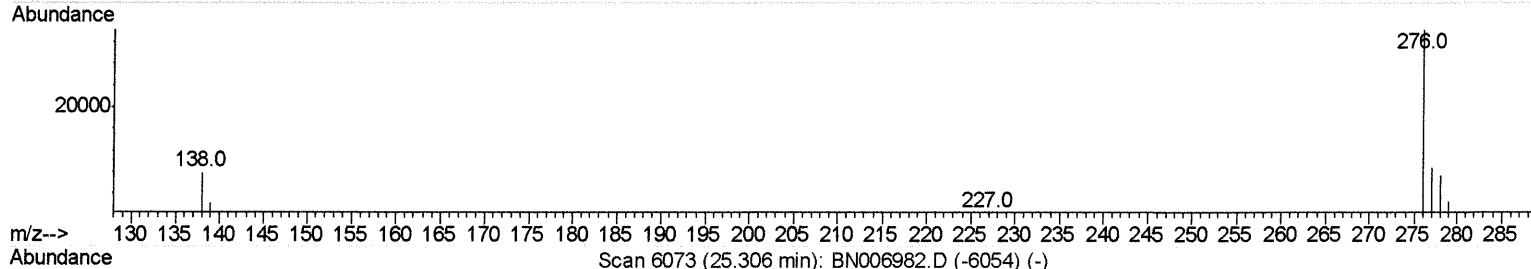
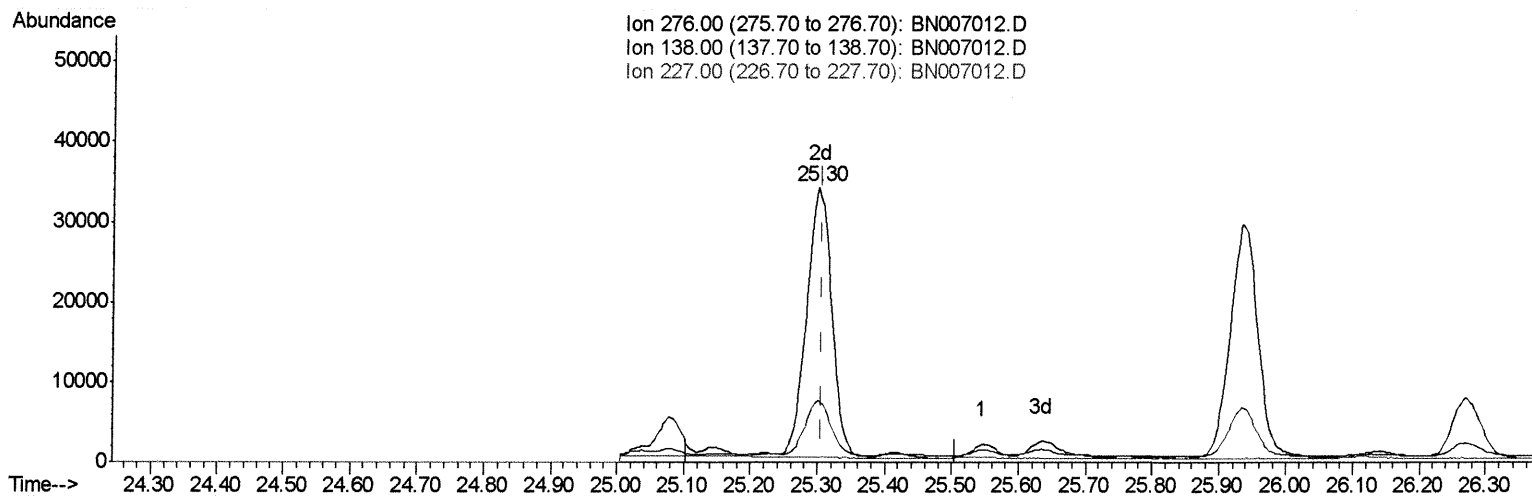
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.301min (-0.005) 0.77ng/ul m

50/09/19

response 88529

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	2.72#
227.00	0.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

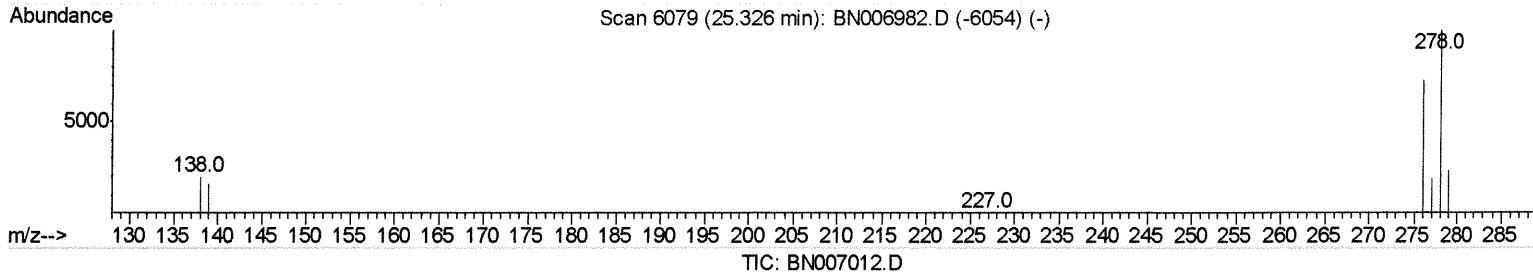
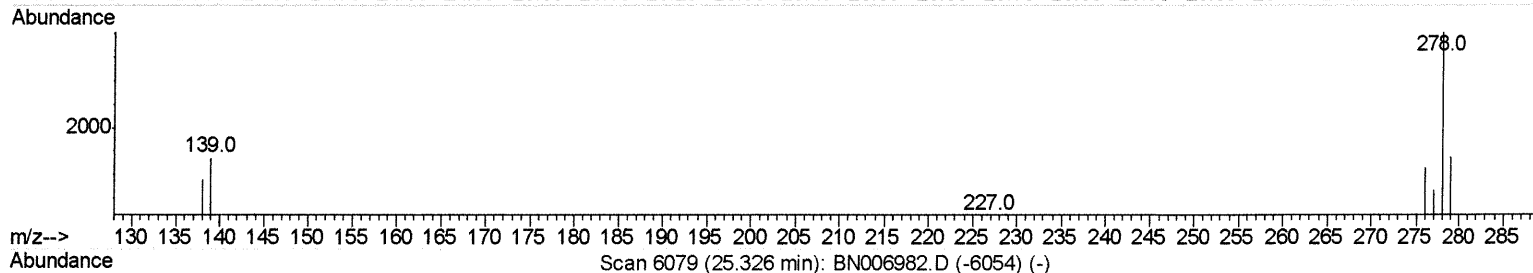
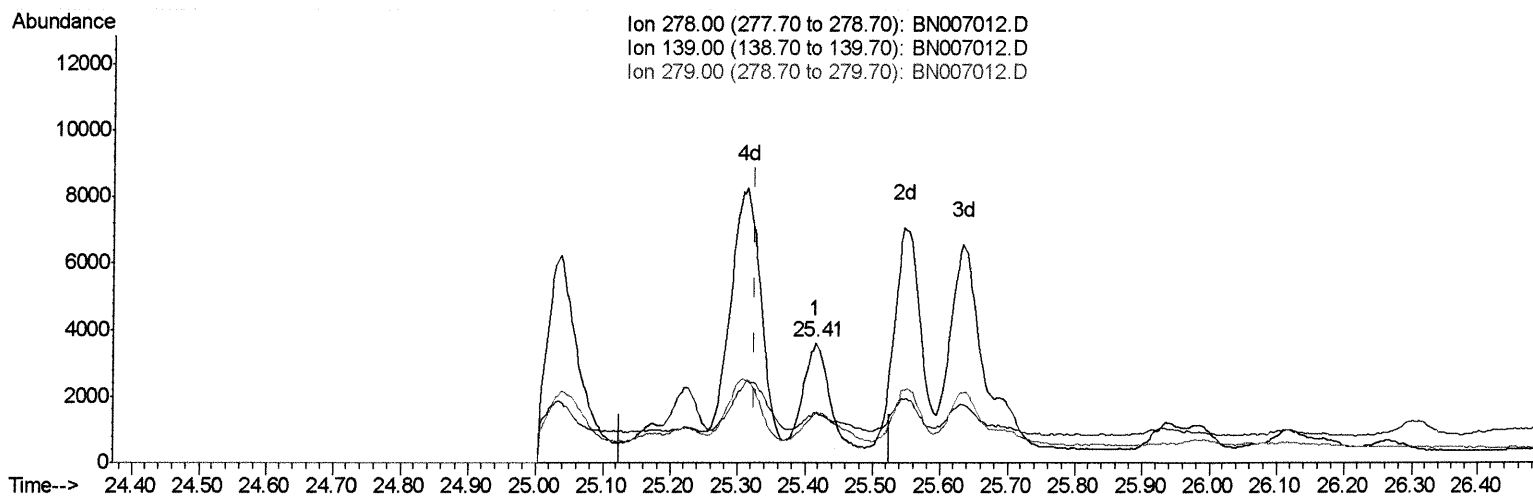
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.415min (+0.089) 0.09ng/ul

response 8257

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	41.08#
279.00	24.50	41.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

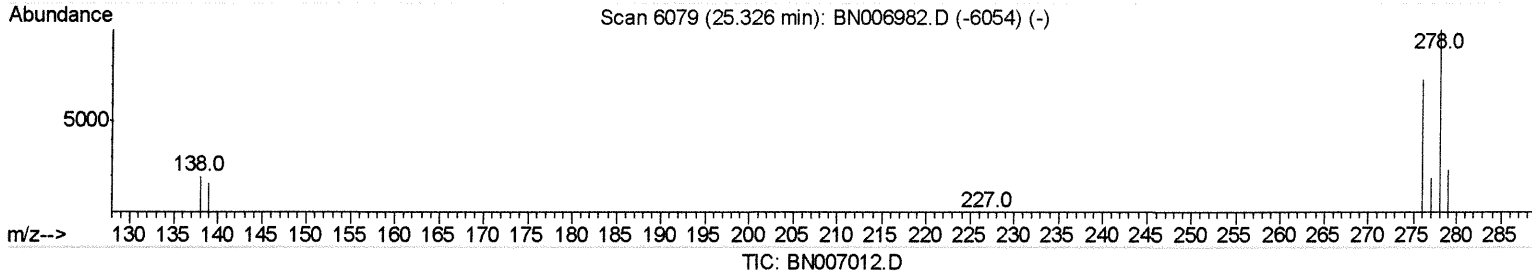
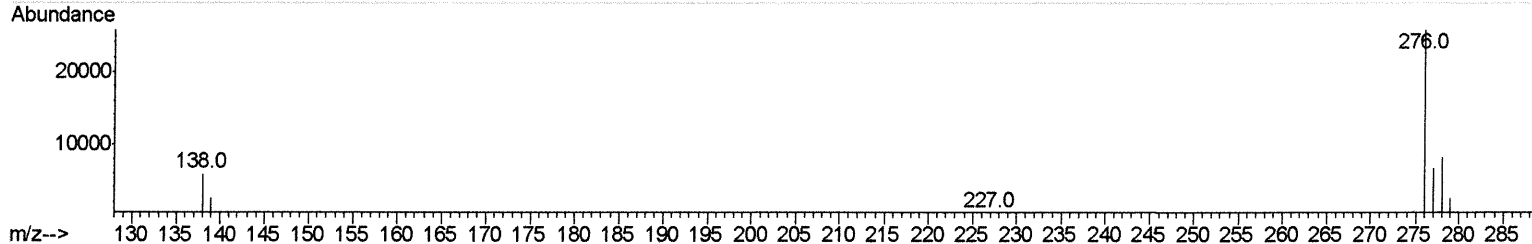
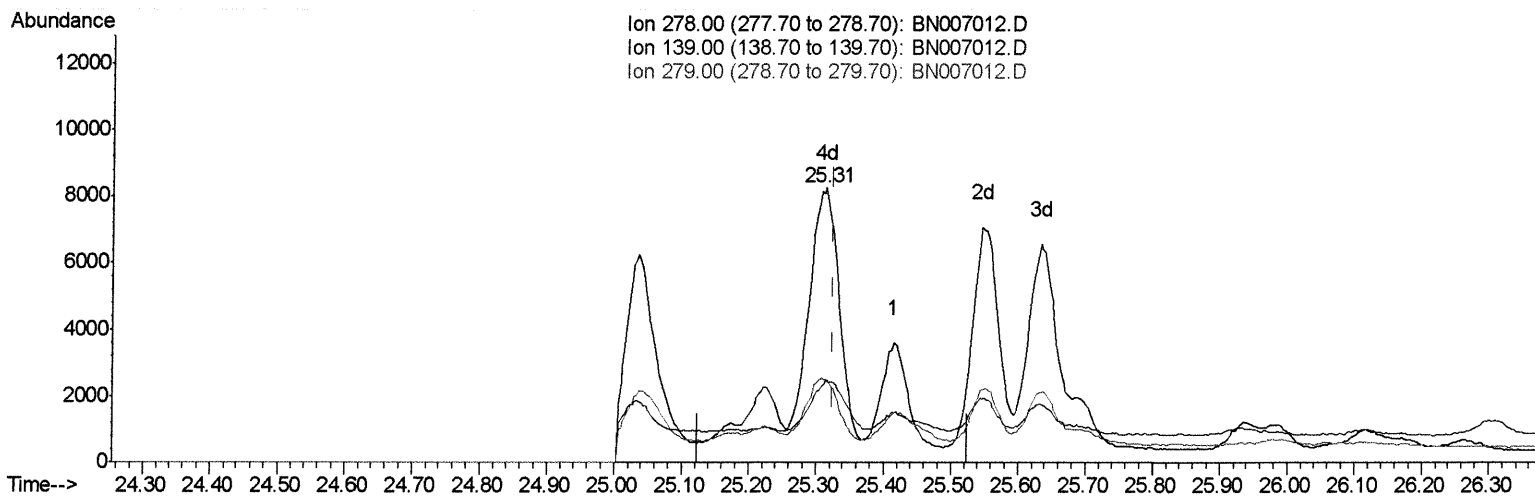
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.314min (-0.012) 0.26ng/ul m

JU
 08/09/19

response 23369

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	29.79#
279.00	24.50	30.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

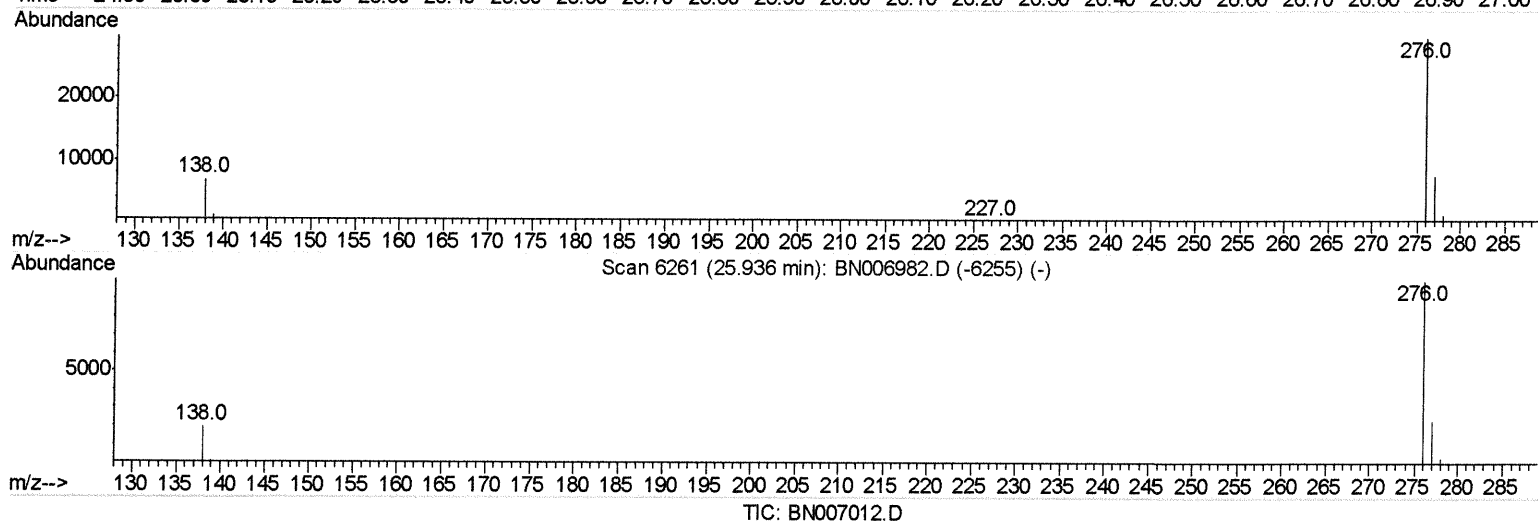
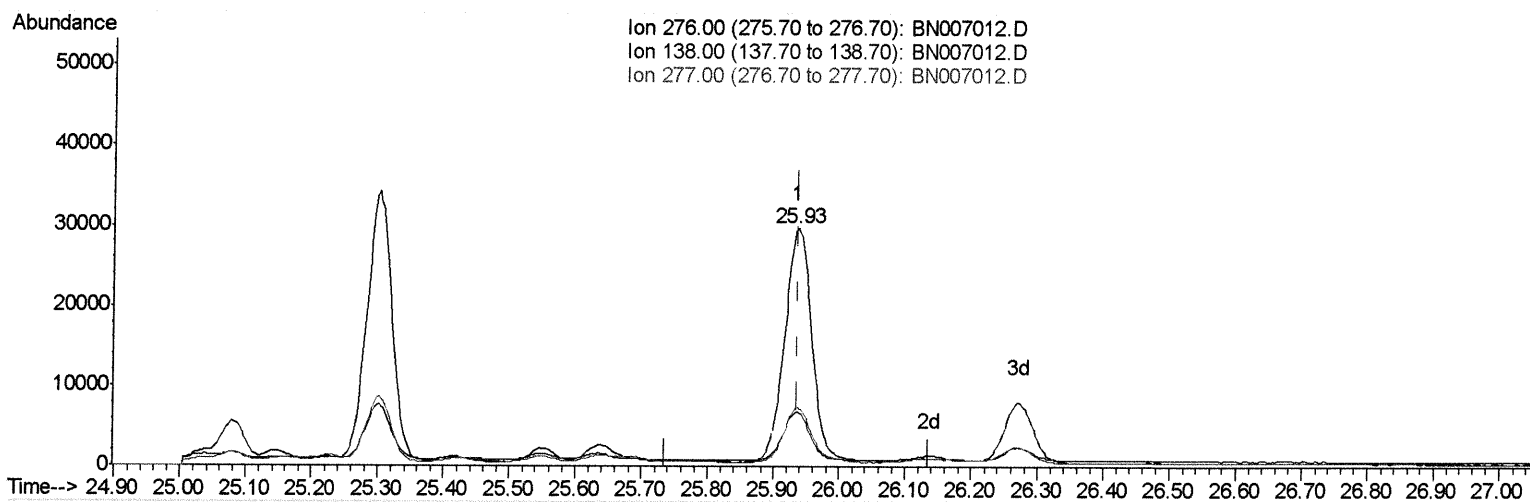
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007012.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BENZ6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.935min (-0.002) 0.86ng/ul

response 82303

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	22.94
277.00	24.10	25.15
0.00	0.00	0.00

Quantitation Report (Qedit)

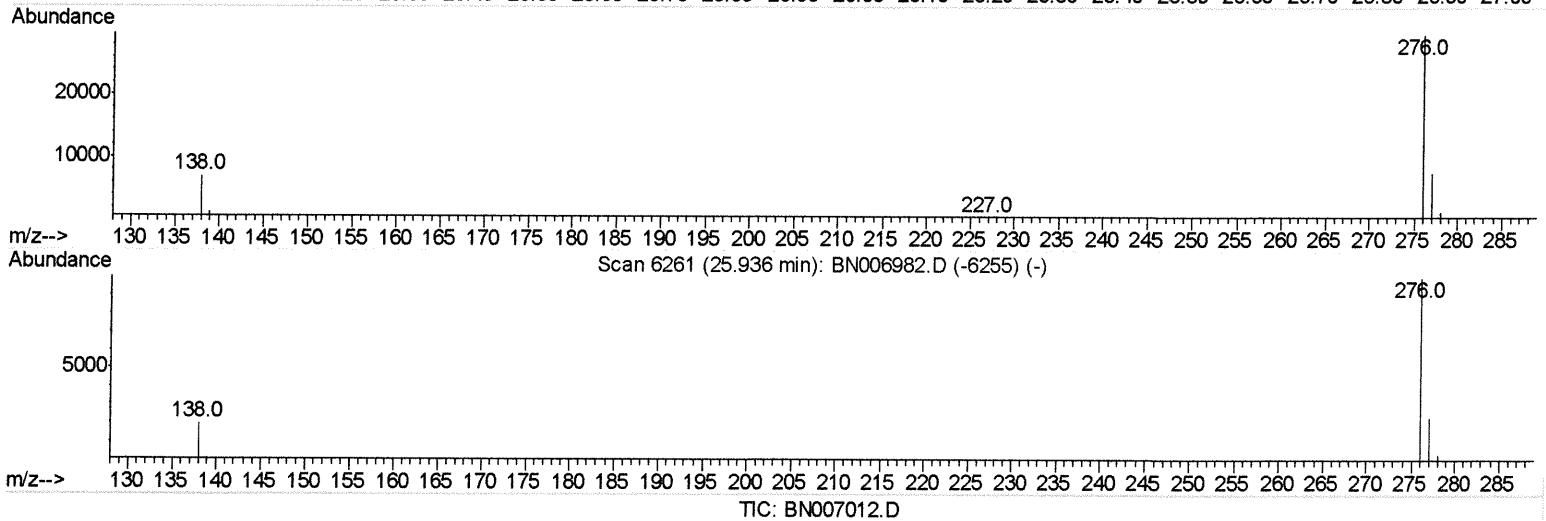
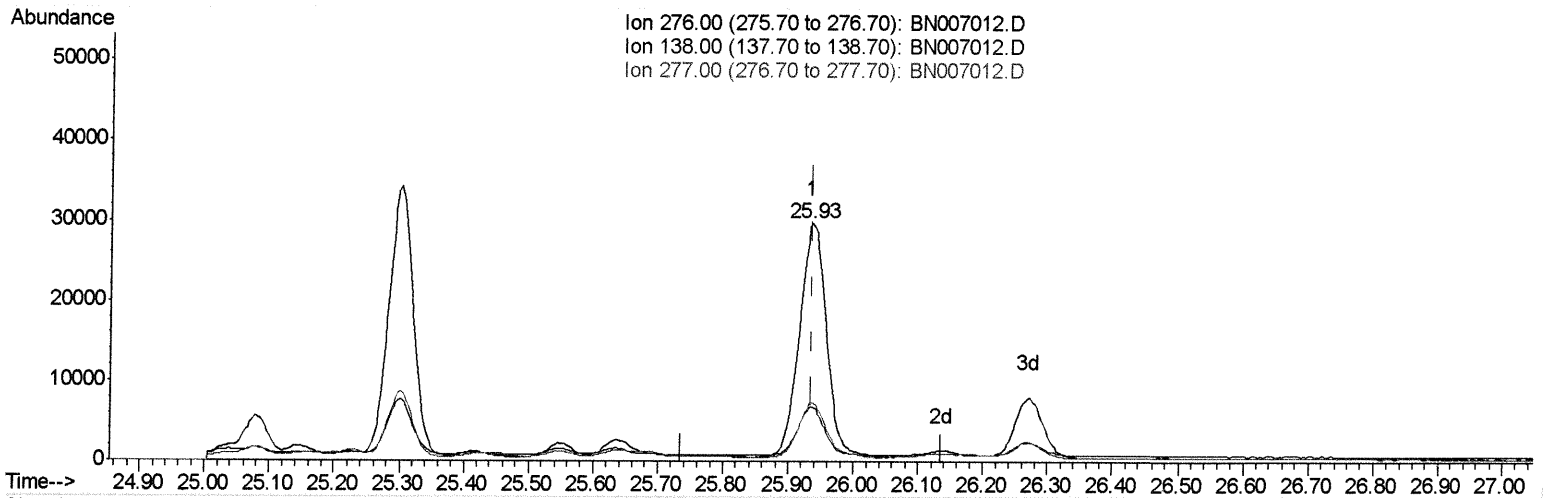
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:55:20 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

25.935min (-0.002) 0.89ng/ul m

response 85803

Ion	Exp%	Act%
276.00	100	100
138.00	23.40	22.94
277.00	24.10	25.15
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:10 AM

Quant Time: Aug 08 08:58:04 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	8084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	19915	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	48926m→	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	33594m→	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	27854m→	0.40	ng/ul	0.00

JU
 08/09/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.83	152	13774	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	38707m→	0.25	ng/ul	0.00

JU 08/09/19

Target Compounds

					Ovalue
3) Naphthalene	10.28	128	6680	0.071	ng/ul# 96
5) 2-Methylnaphthalene	11.91	142	3086	0.044	ng/ul 100
7) Acenaphthylene	13.83	152	17842	0.155	ng/ul 99
8) Acenaphthene	14.18	153	5164	0.065	ng/ul 99
9) Fluorene	15.17	166	9104	0.095	ng/ul 99
11) Pentachlorophenol	16.52	266	438m→	0.032	ng/ul→
12) Phenanthrene	16.90	178	183831m→	1.179	ng/ul→
13) Anthracene	16.99	178	35569m→	0.223	ng/ul→
15) Fluoranthene	18.93	202	413456m→	2.133	ng/ul→
17) Pyrene	19.30	202	374980	2.500	ng/ul 98
18) Benzo(a)anthracene	21.06	228	181158m→	1.228	ng/ul→
19) Chrysene	21.11	228	181433	1.313	ng/ul 97
21) Benzo(b)fluoranthene	22.58	252	194466m→	1.722	ng/ul→
22) Benzo(k)fluoranthene	22.62	252	62575m→	0.572	ng/ul→
23) Benzo(a)pyrene	23.11	252	134372m→	1.264	ng/ul→
24) Indeno(1,2,3-cd)pyrene	25.30	276	88529m→	0.772	ng/ul→
25) Dibenzo(a,h)anthracene	25.31	278	23369m→	0.255	ng/ul→
26) Benzo(a,h,i)perylene	25.93	276	85803m→	0.893	ng/ul→

JU
 08/09/19

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