

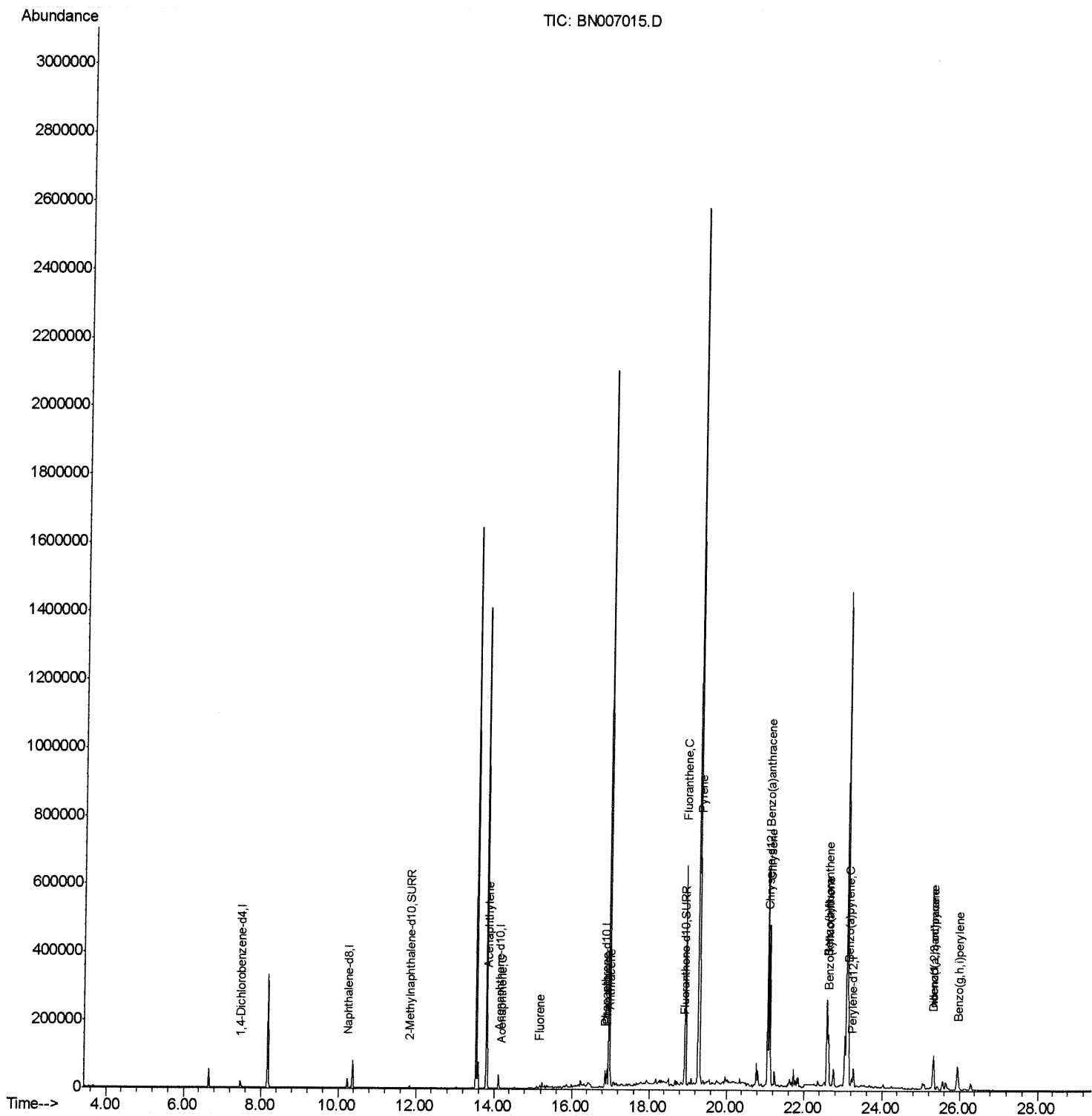
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:35:08 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



Quantitation Report (Qedit)

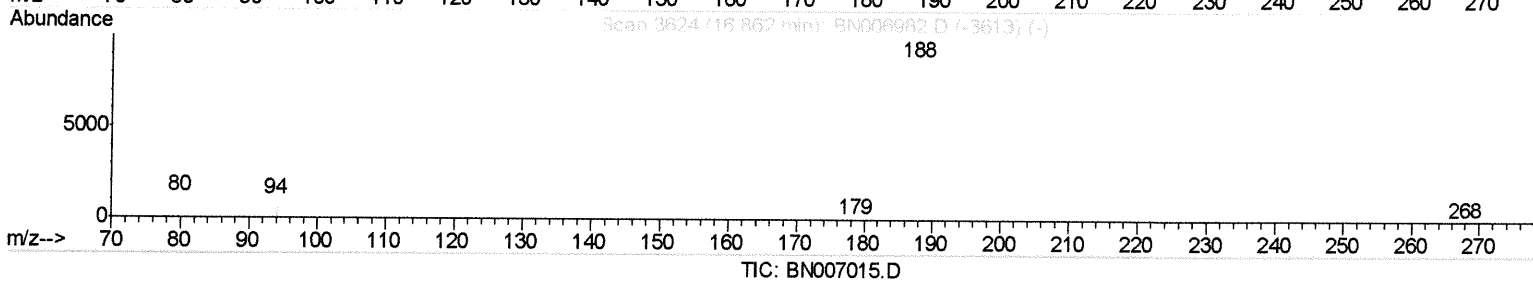
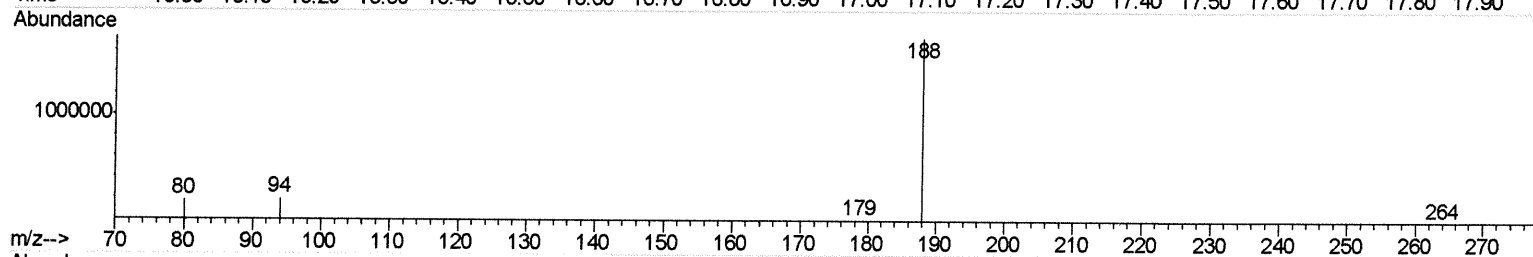
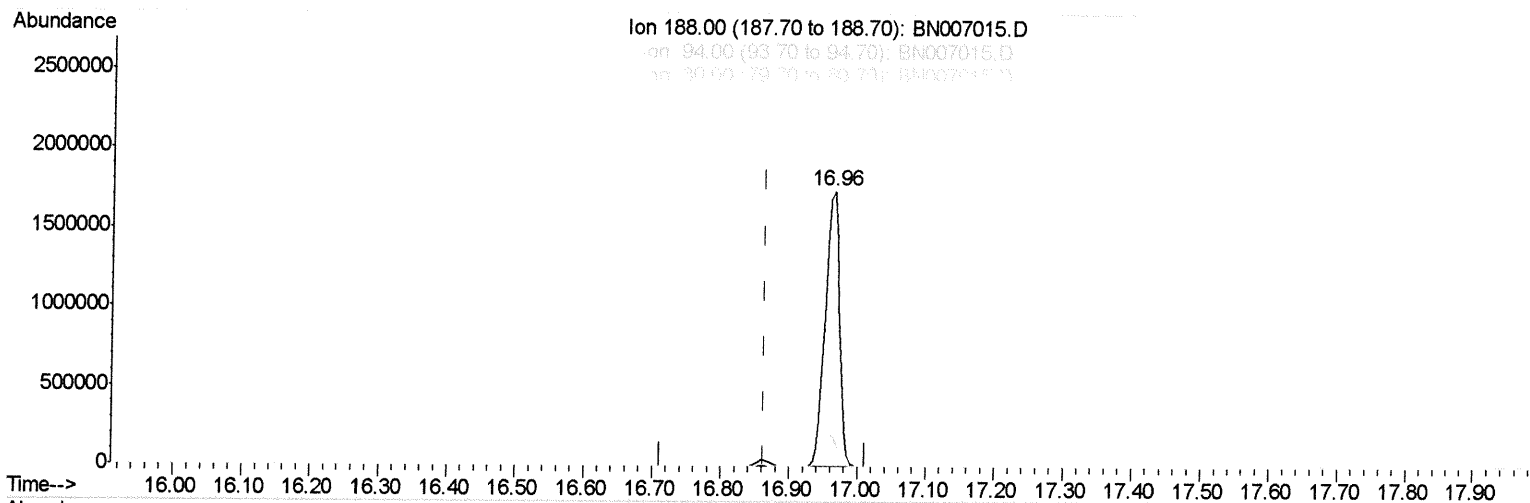
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:29:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.964min (+0.101) 0.40ng/ul

response 2542017

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.13
80.00	12.40	10.06
0.00	0.00	0.00

Quantitation Report (Qedit)

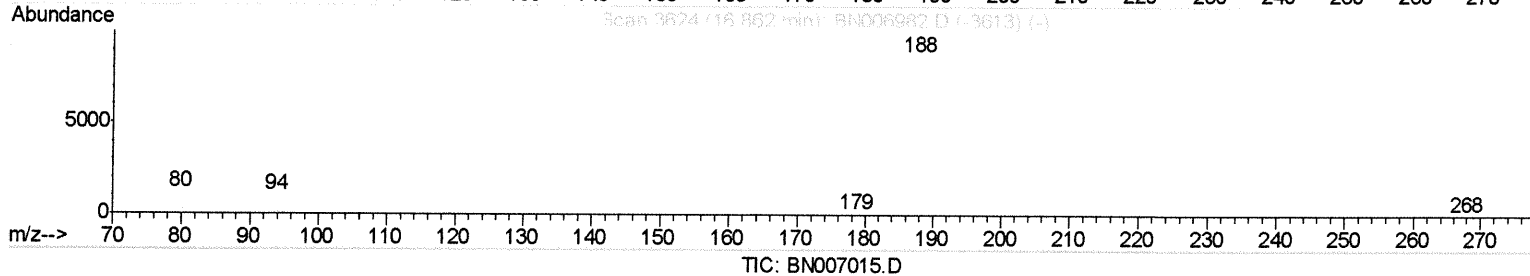
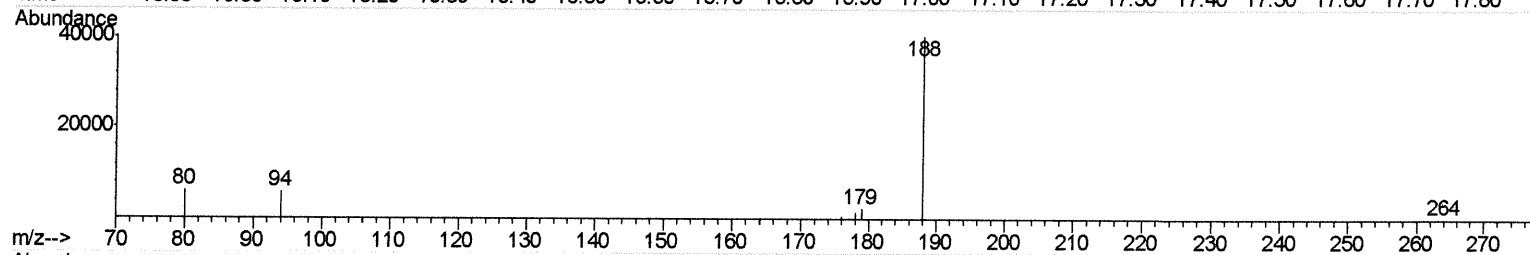
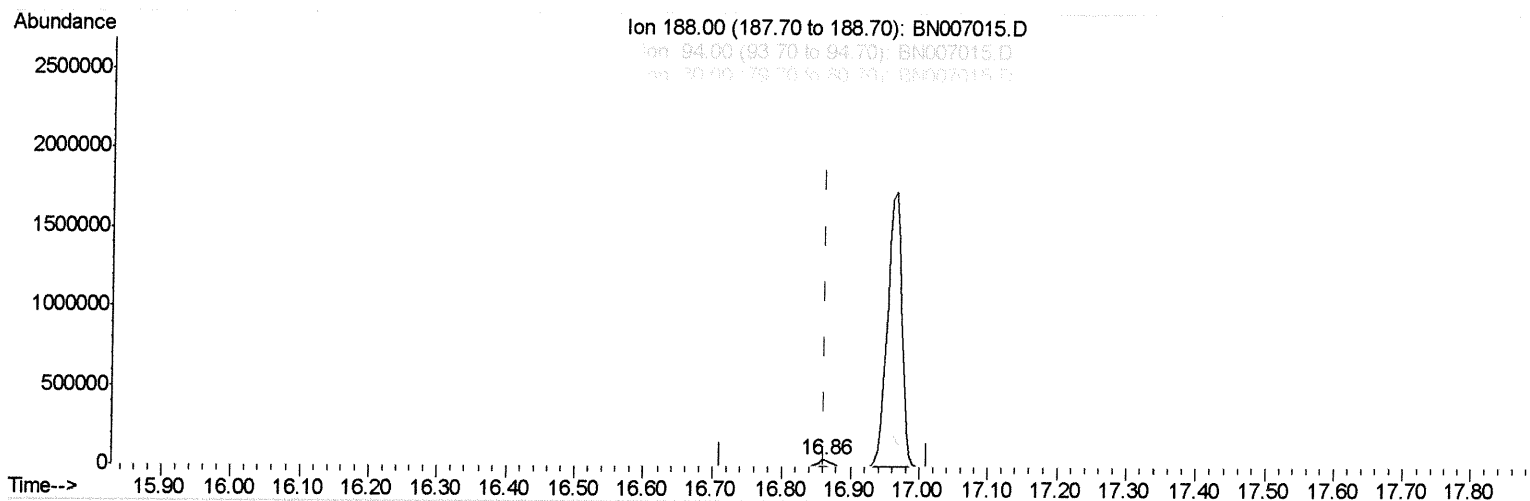
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:29:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.862min (-0.000) 0.40ng/ul m

response 54786

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.56#
80.00	12.40	14.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

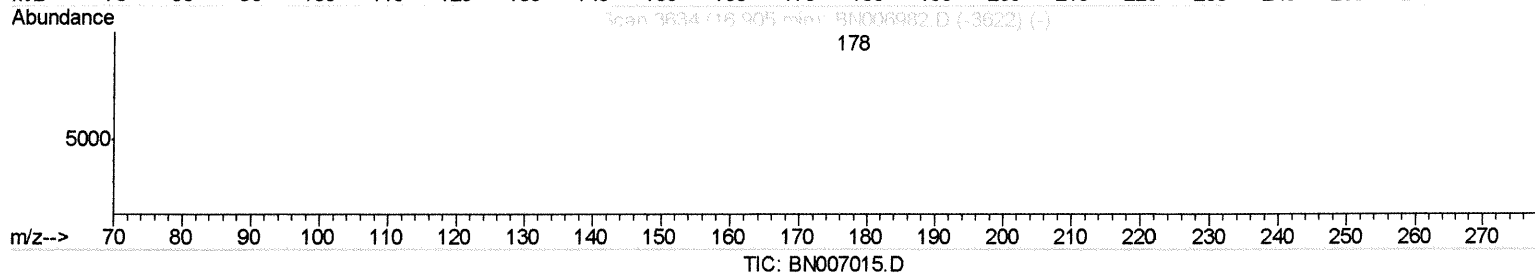
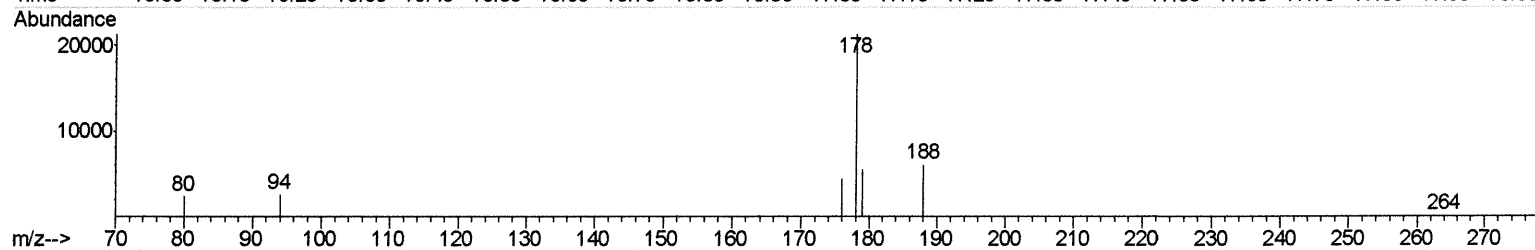
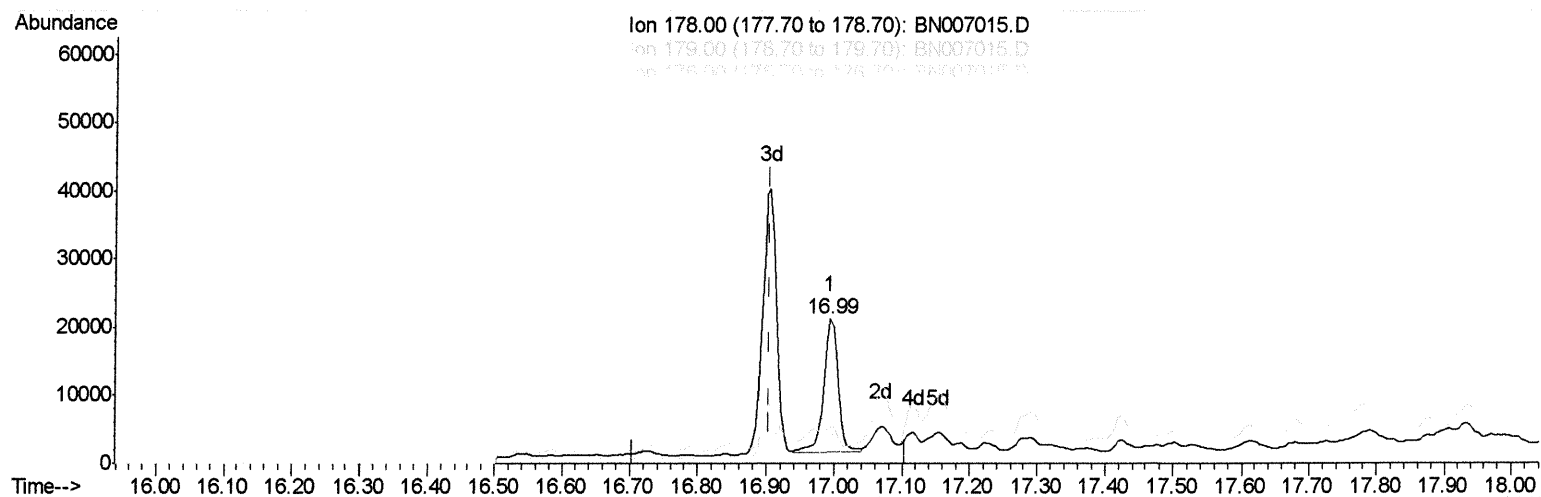
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 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) 0.16ng/ul

response 28631

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	25.93#
176.00	19.50	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

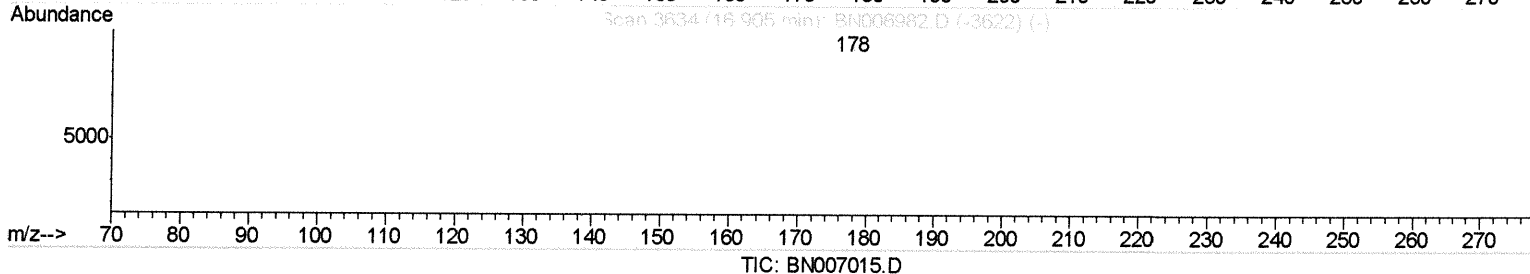
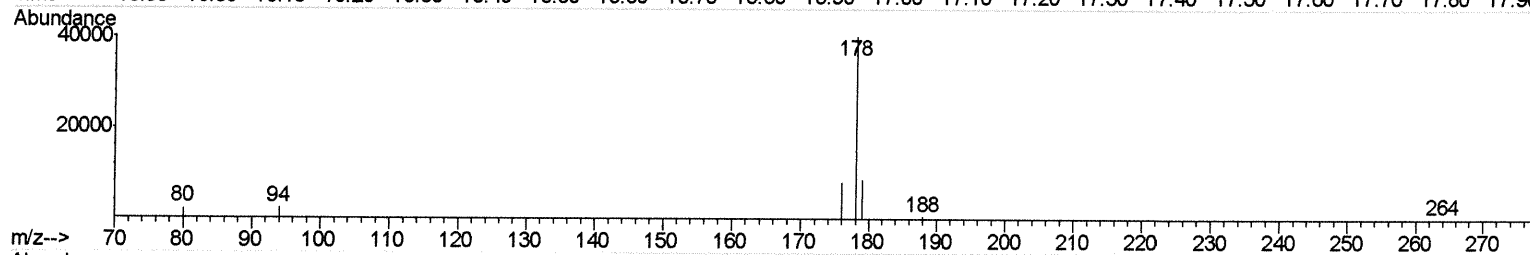
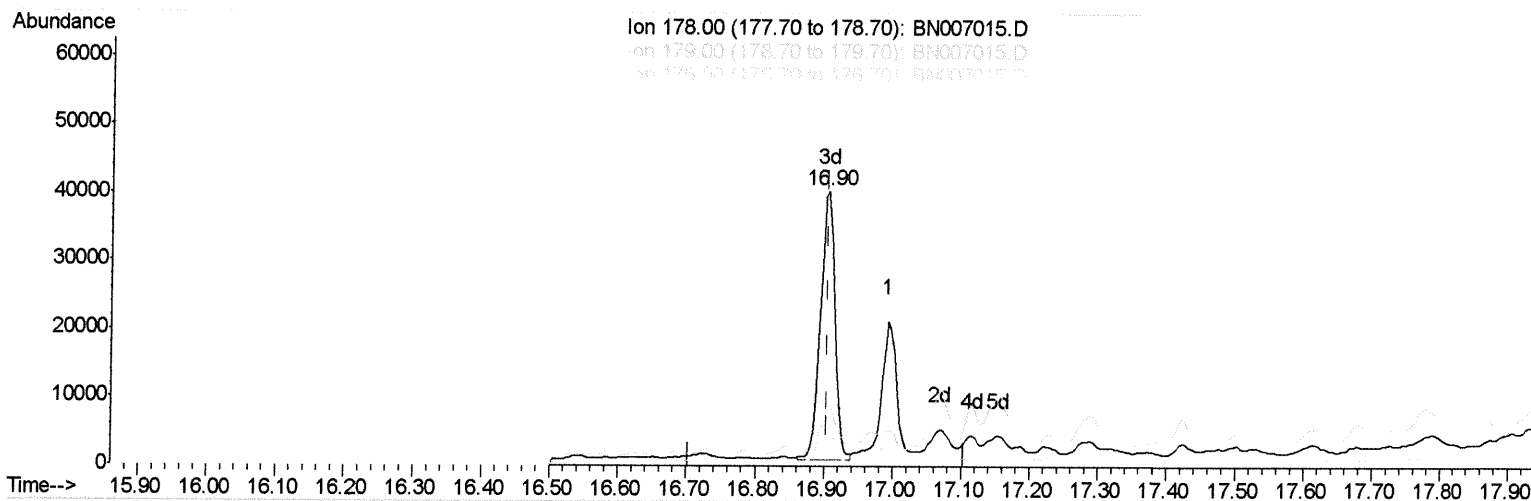
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 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) 0.33ng/ul m

JU
 8/6/19

response 56749

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.72#
176.00	19.50	20.12
0.00	0.00	0.00

Quantitation Report (Qedit)

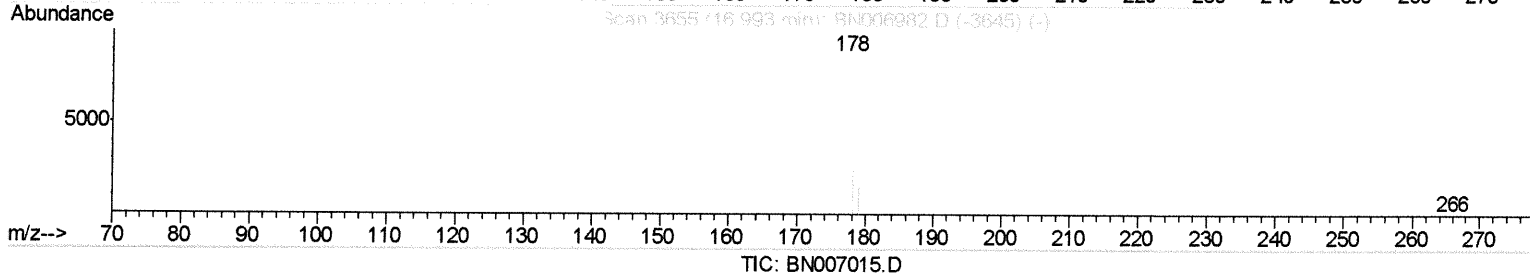
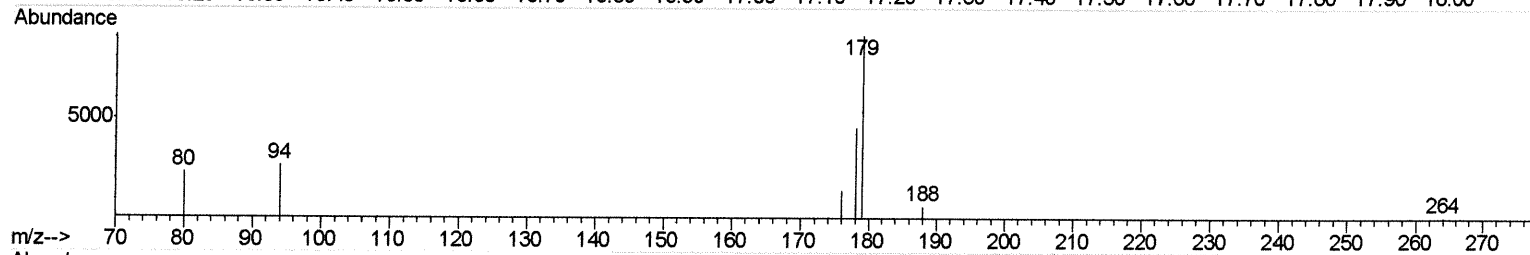
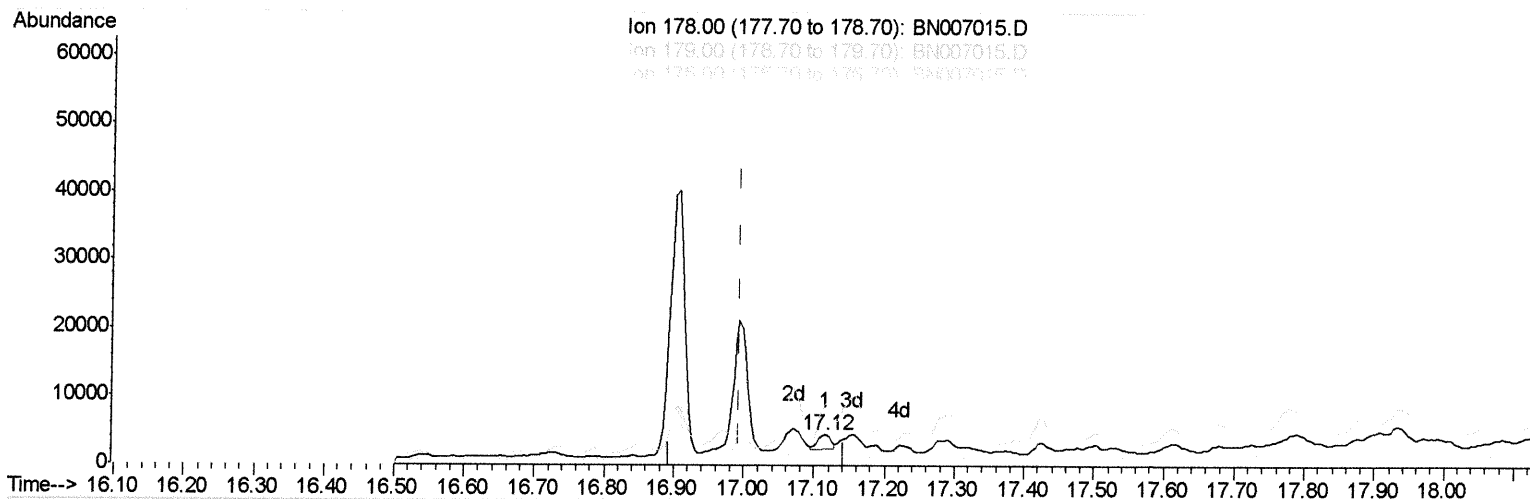
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(13) Anthracene

17.116min (+0.122) 0.01ng/ul

response 2665

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	201.24#
176.00	19.20	32.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

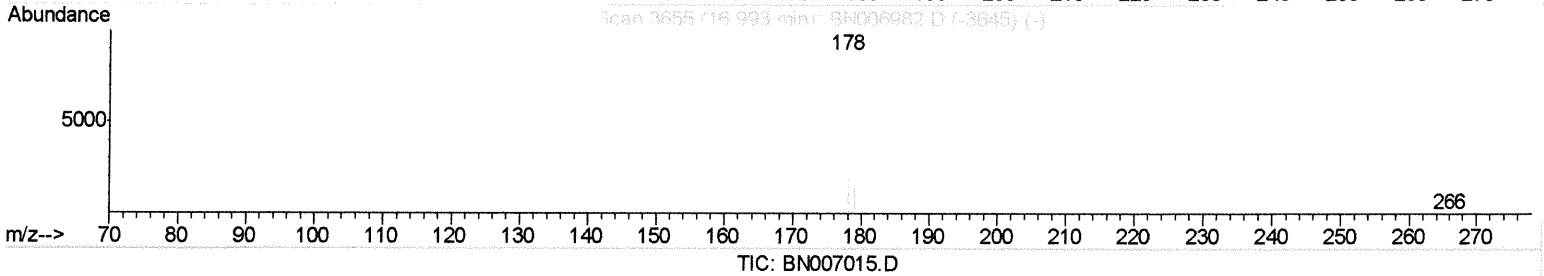
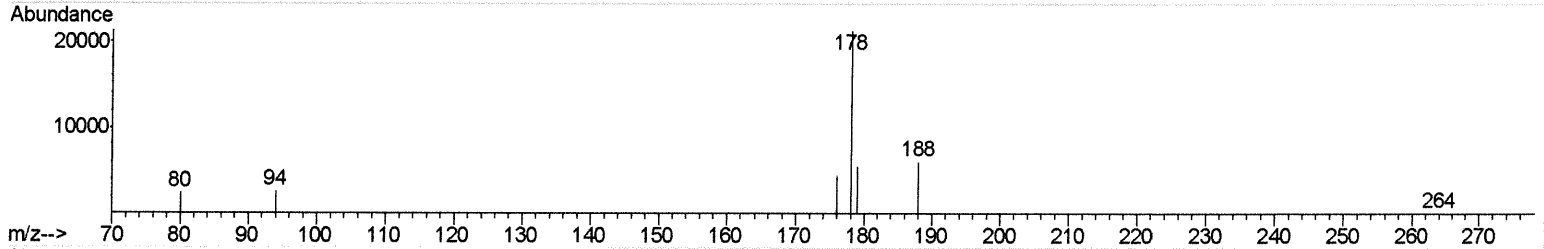
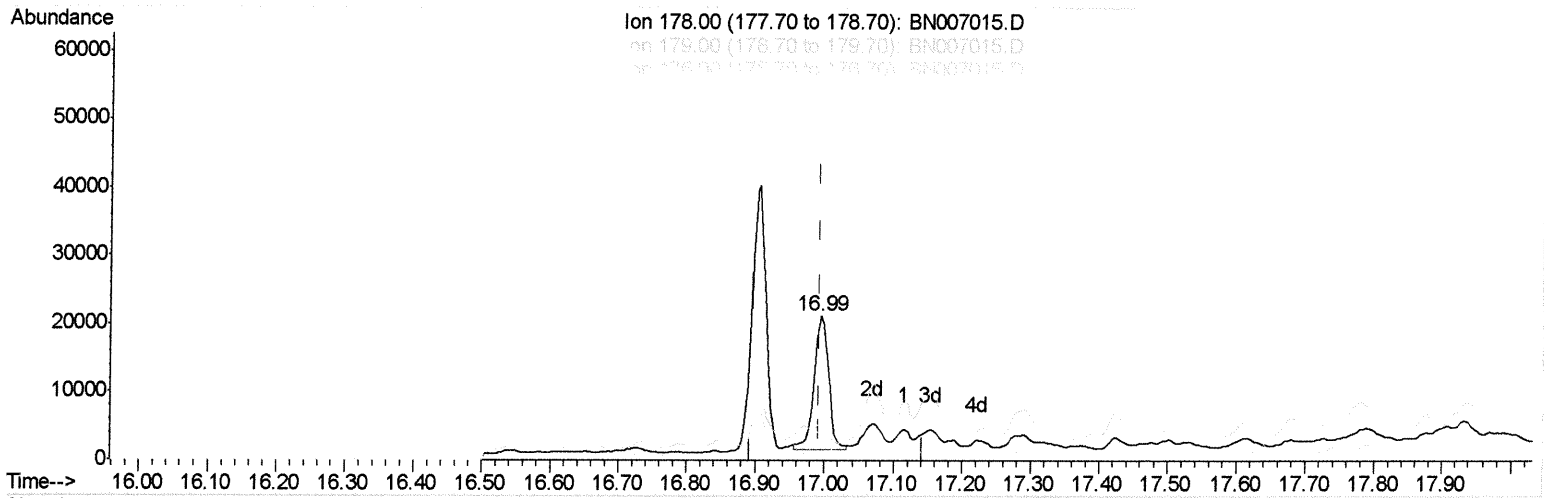
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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 Response via : Initial Calibration



(13) Anthracene

16.993min (-0.000) 0.16ng/ul m

response 28399

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	25.93#
176.00	19.20	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

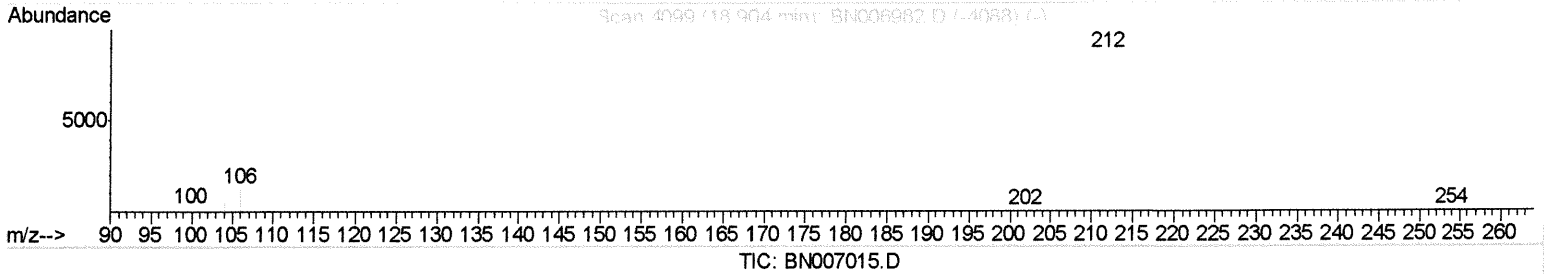
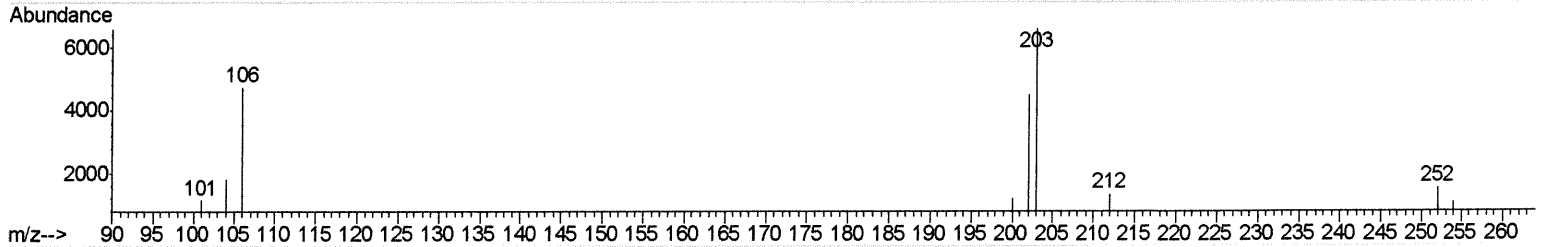
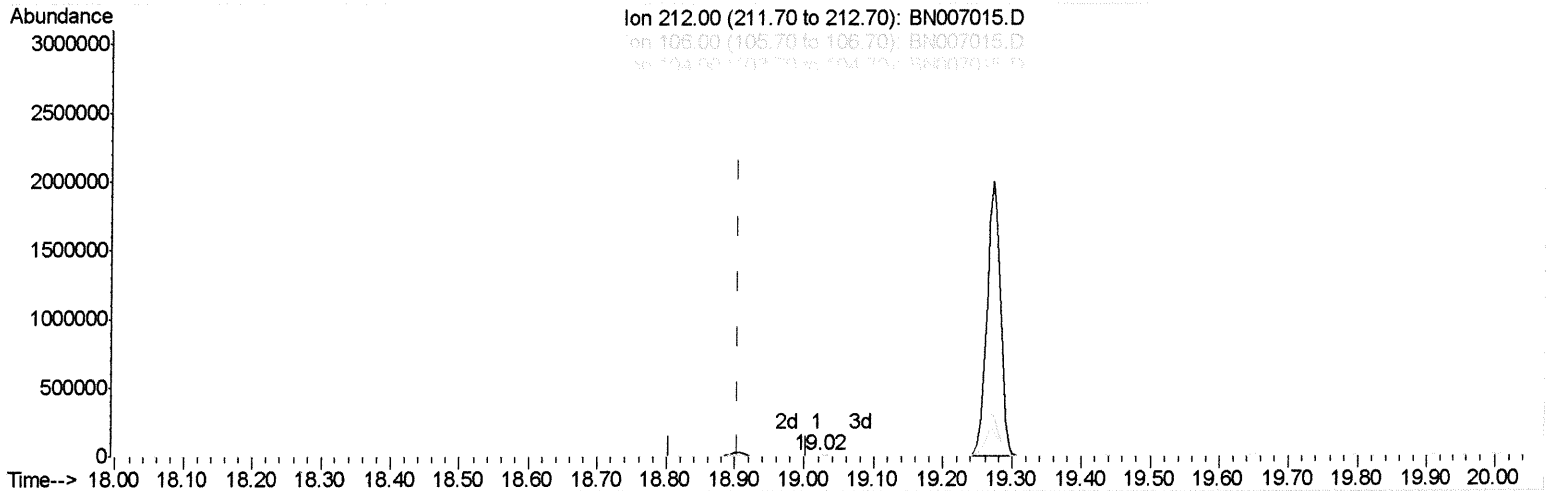
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 08 11:30:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.020min (+0.116) 0.01ng/ul

response 1236

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	300.49#
104.00	7.10	70.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

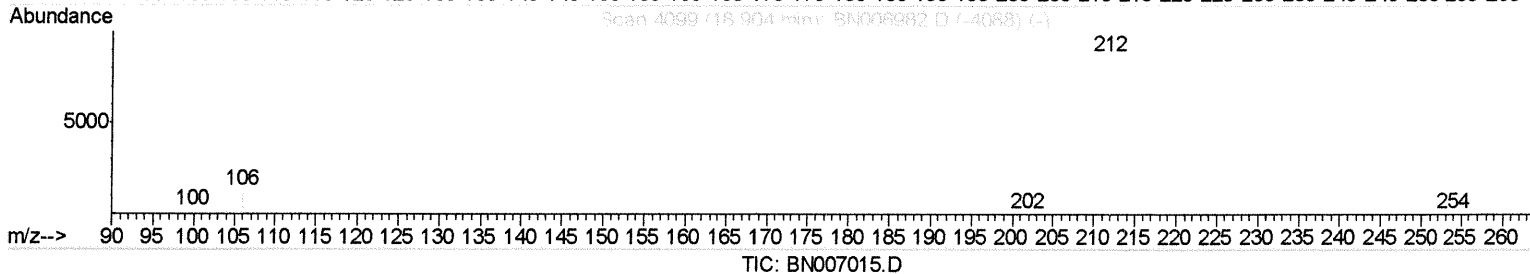
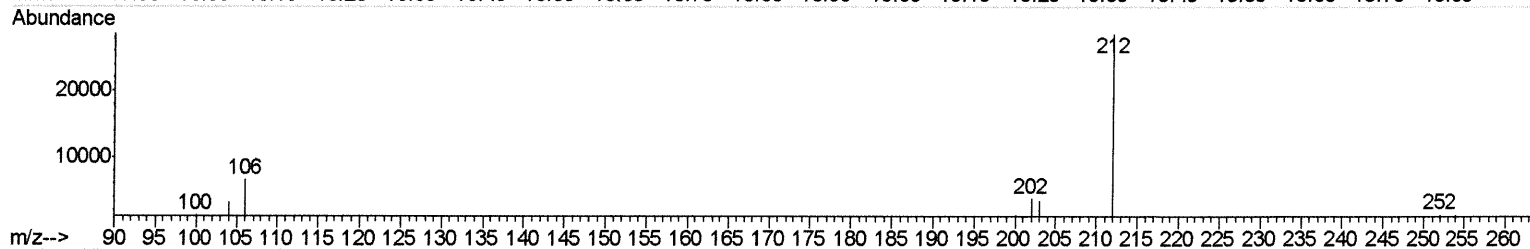
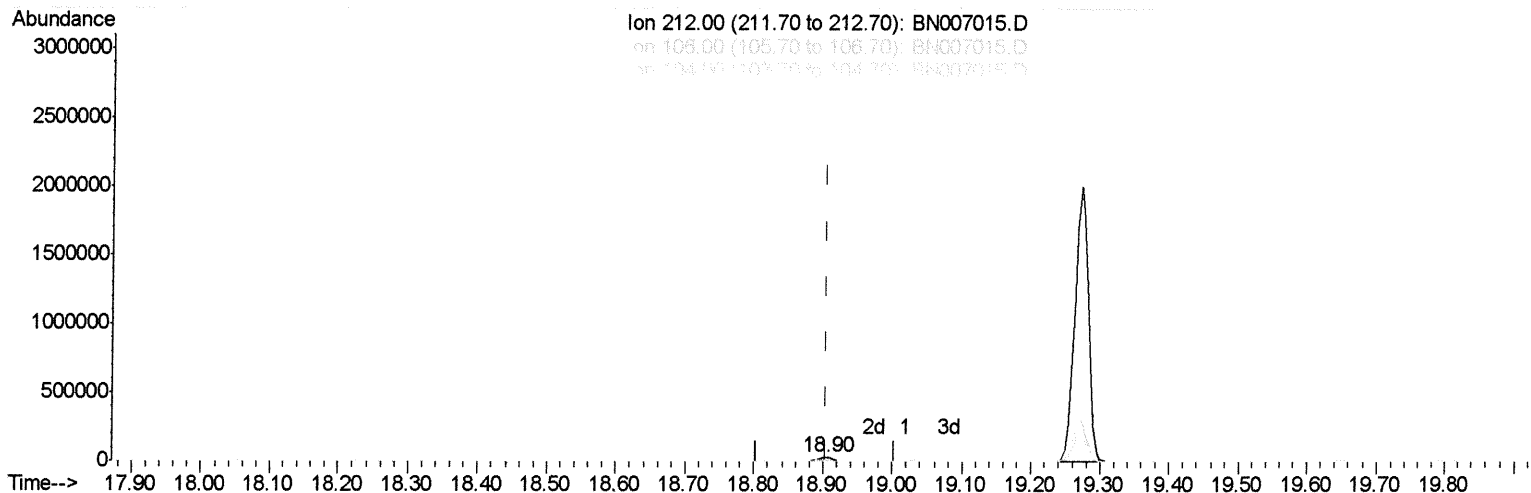
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 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)

18.904min (-0.000) 0.24ng/ul m

JU
08/09/19

response 42041

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	8.83#
104.00	7.10	2.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

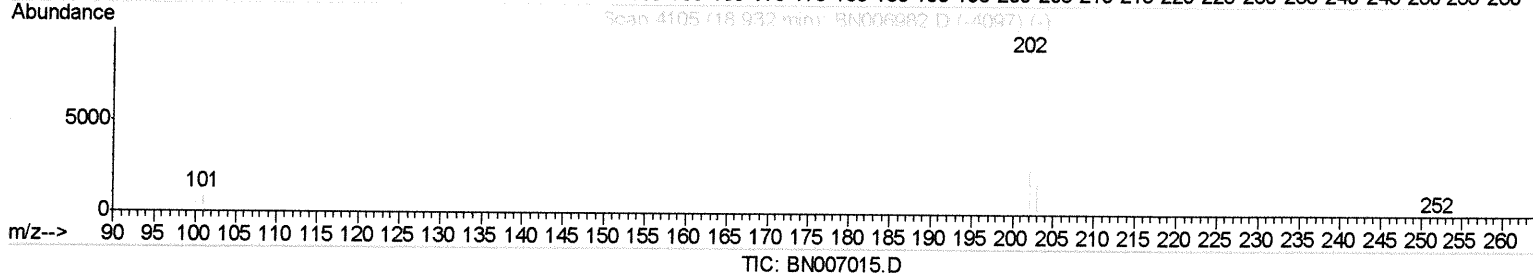
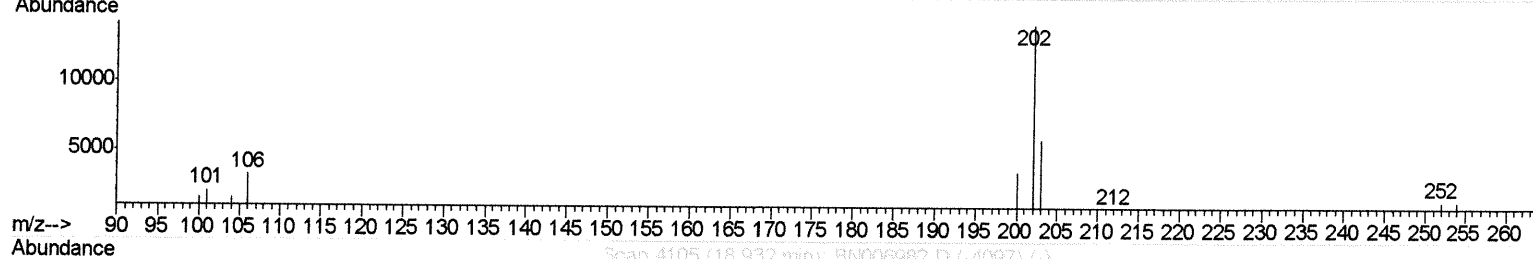
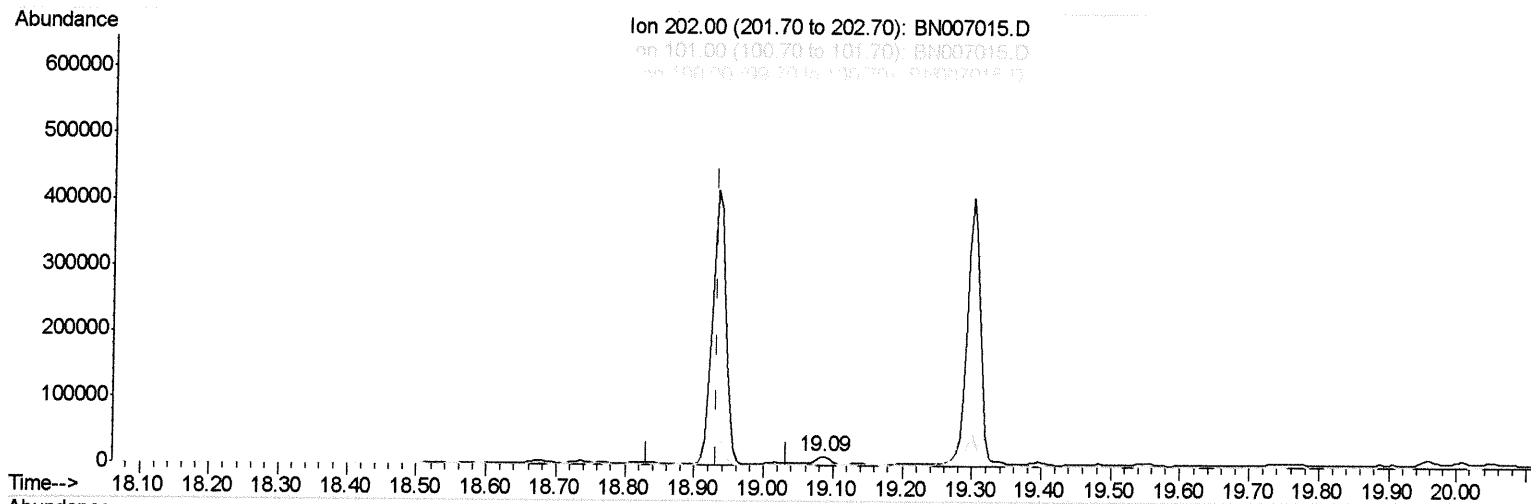
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(15) Fluoranthene (C)

19.086min (+0.153) 0.07ng/ul

response 15576

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	14.43
100.00	7.70	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

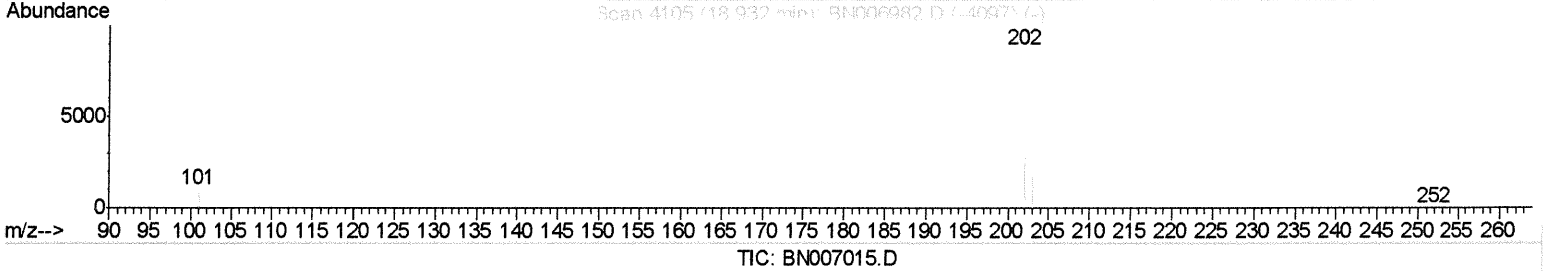
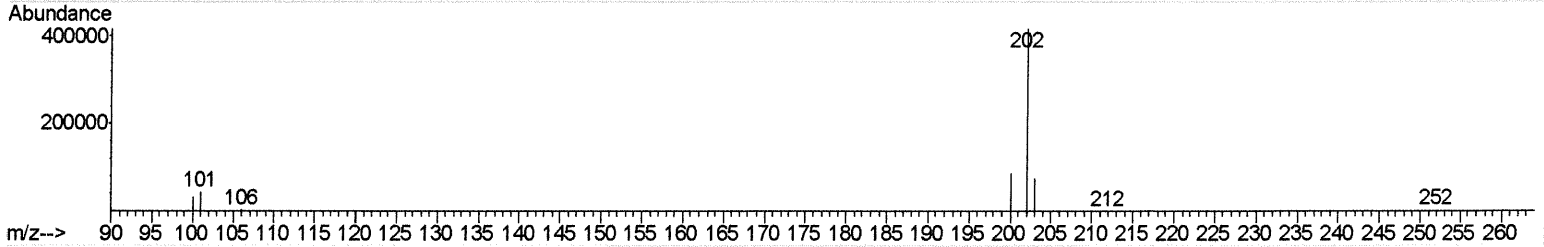
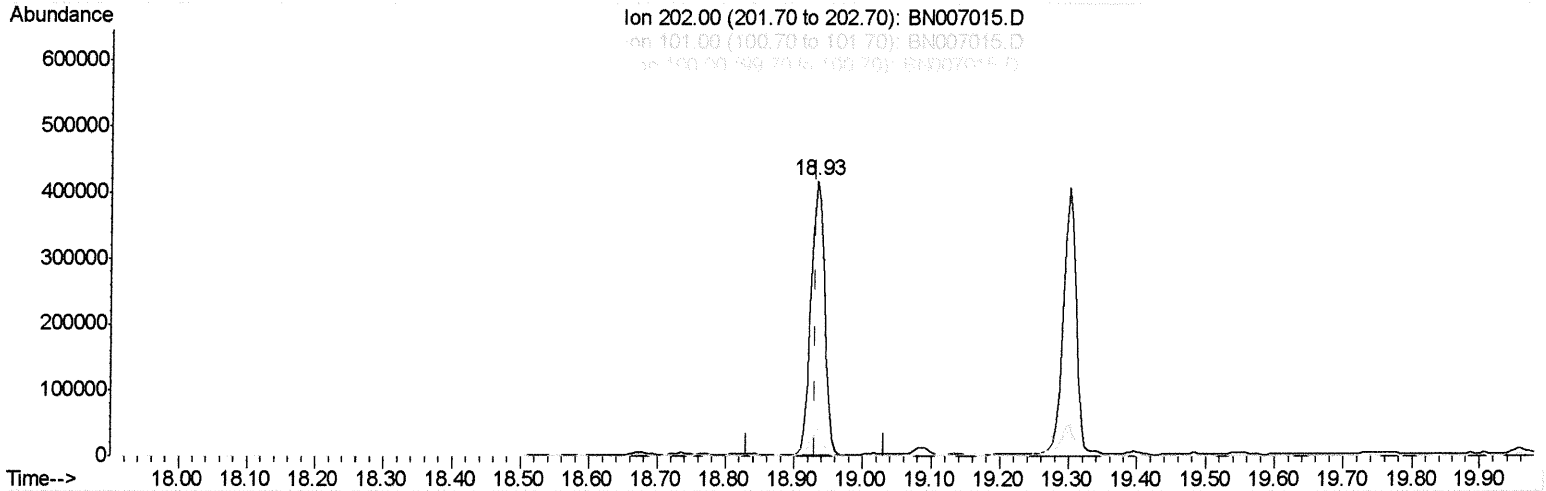
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 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) 2.63ng/ul m *JU 08/09/19*

response 570142

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.21
100.00	7.70	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

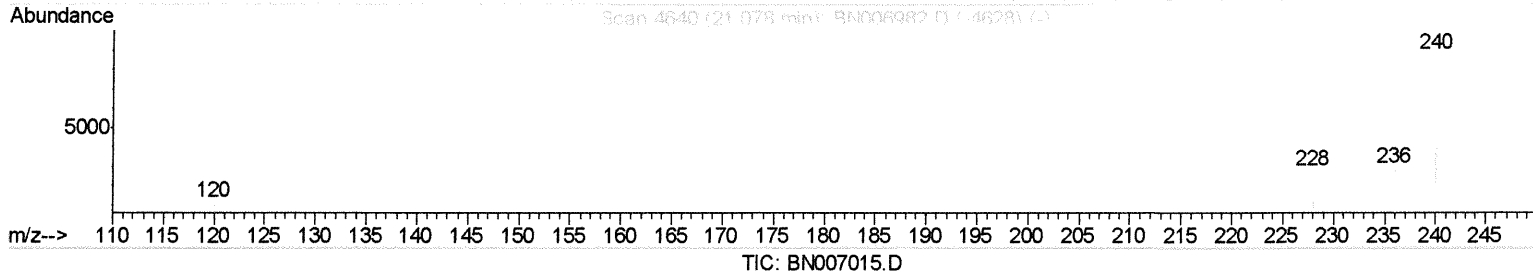
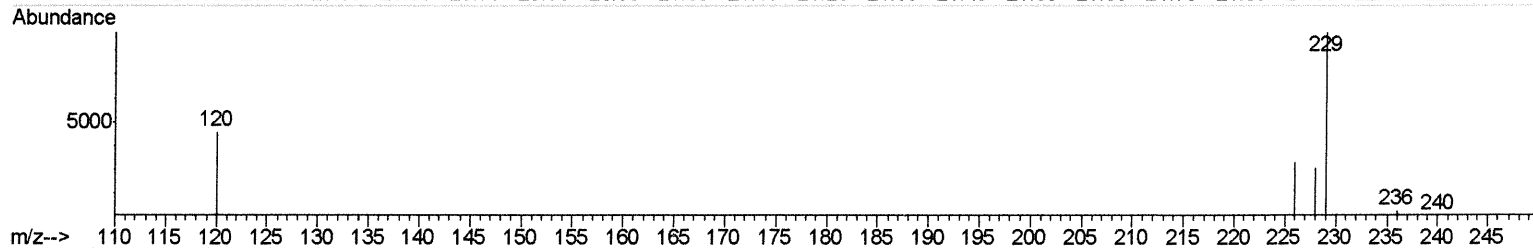
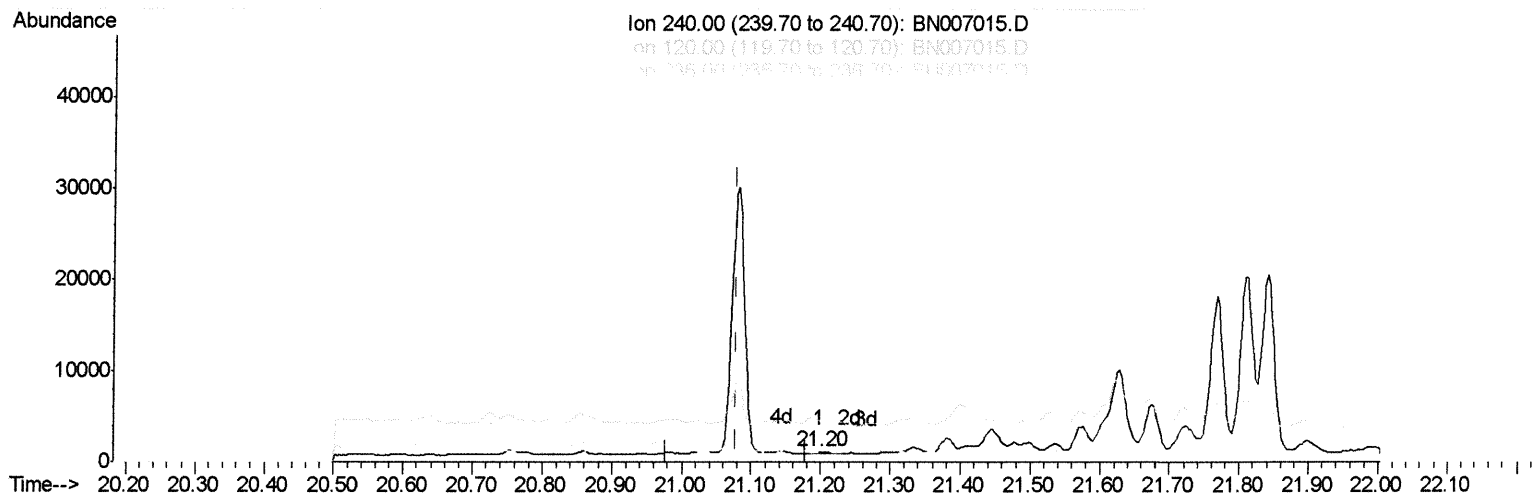
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 08 11:30:06 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.198min (+0.120) 0.40ng/ul

response 351

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	408.30#
236.00	29.00	116.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

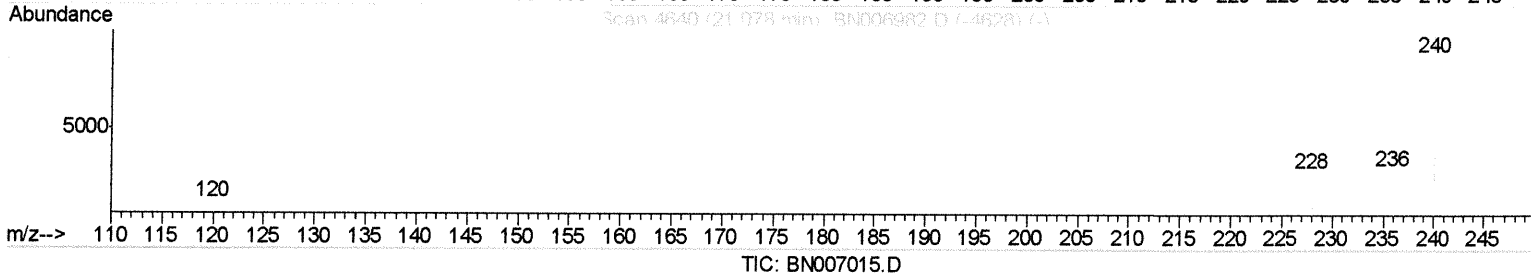
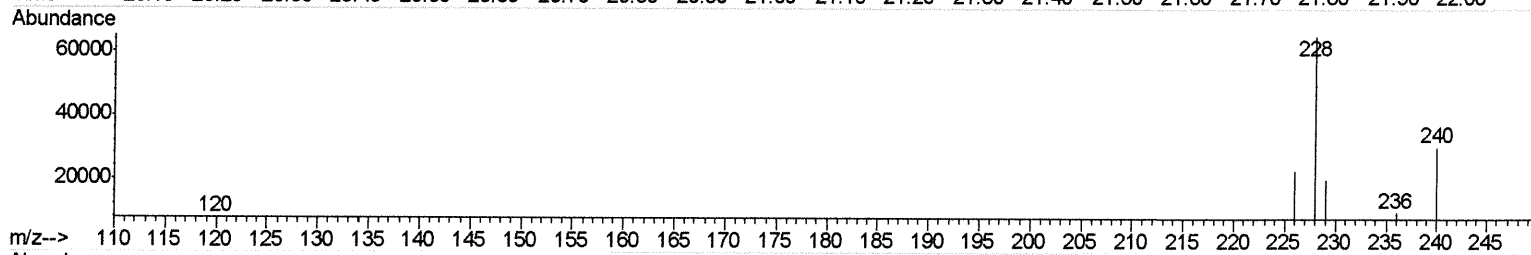
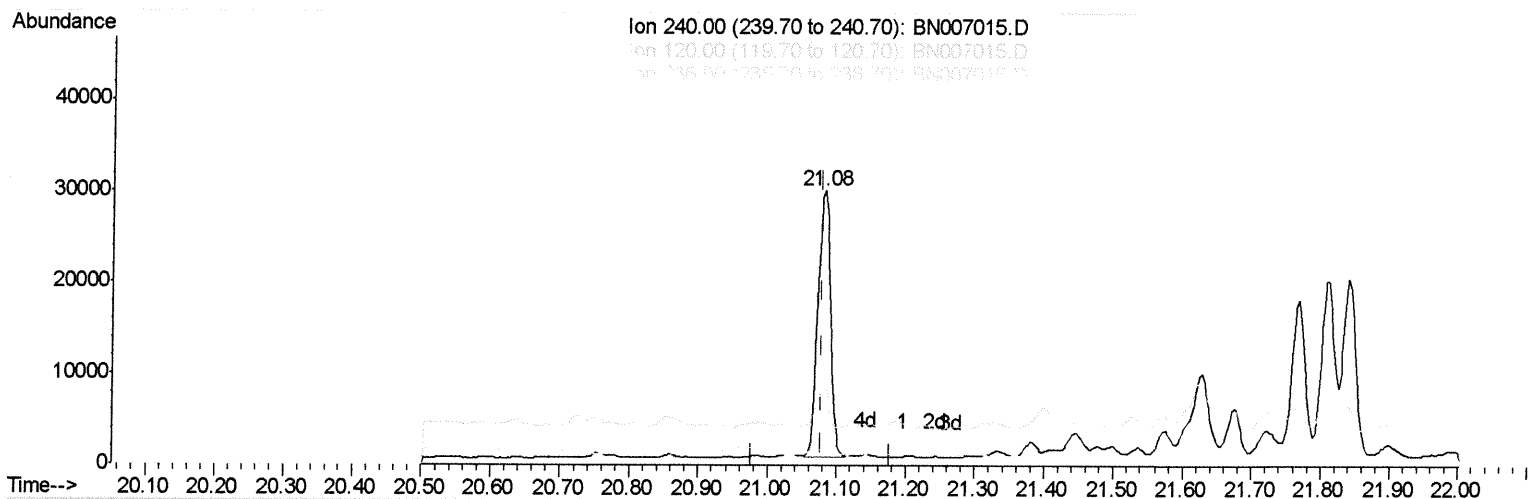
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:30:06 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)

21.081 min (+0.003) 0.40 ng/ul m *JU 08/09/19*

response 36607

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	25.29#
236.00	29.00	31.69
0.00	0.00	0.00

Quantitation Report (Qedit)

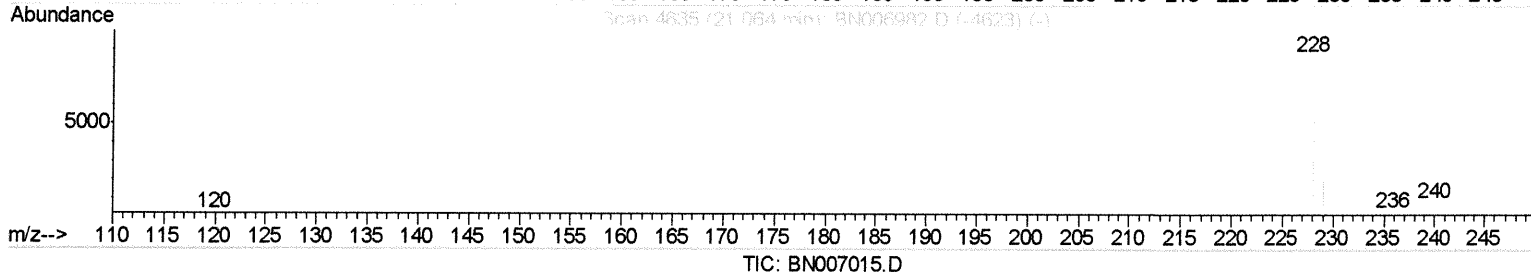
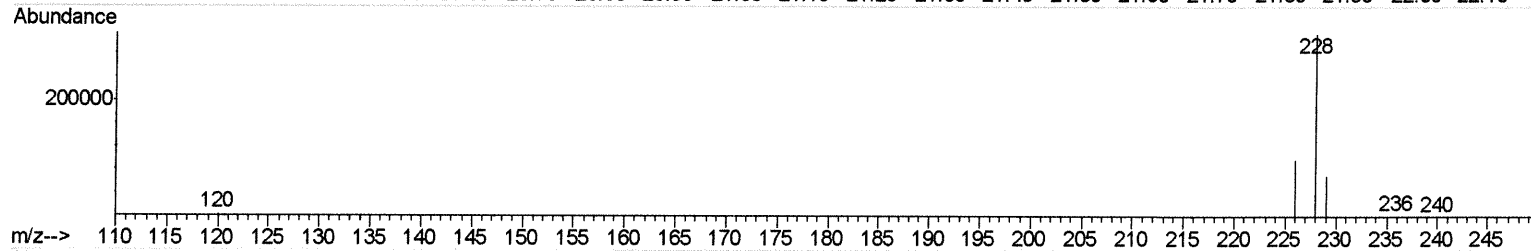
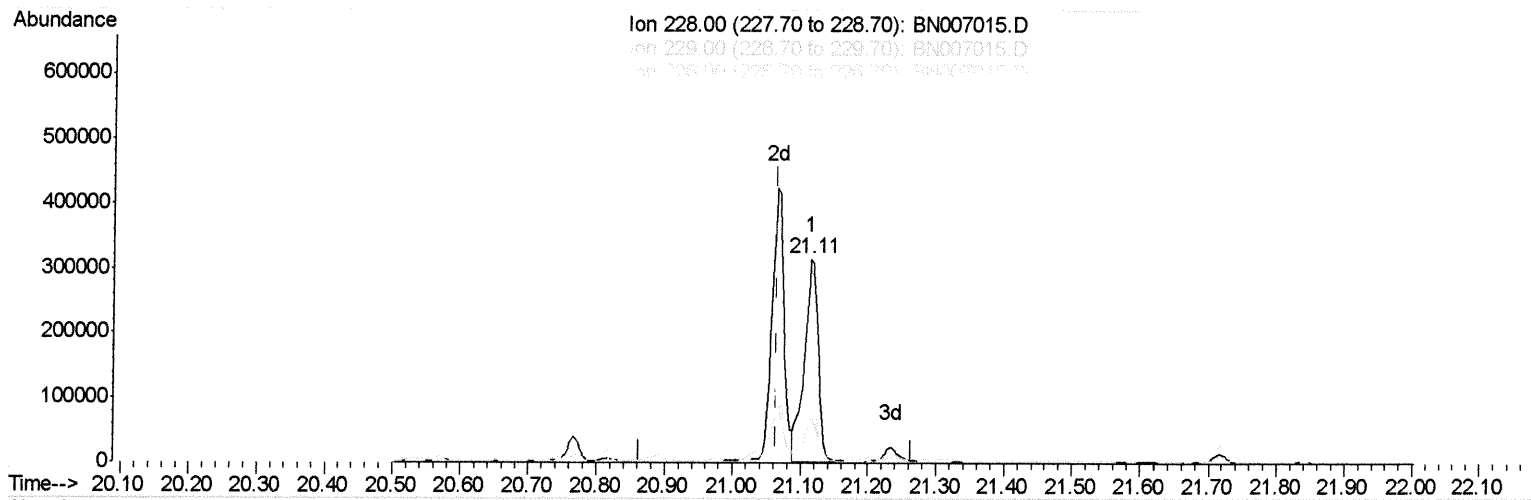
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:32:24 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

21.113min (+0.050) 2.79ng/ul

response 449407

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	22.02
226.00	27.80	30.90
0.00	0.00	0.00

Quantitation Report (Qedit)

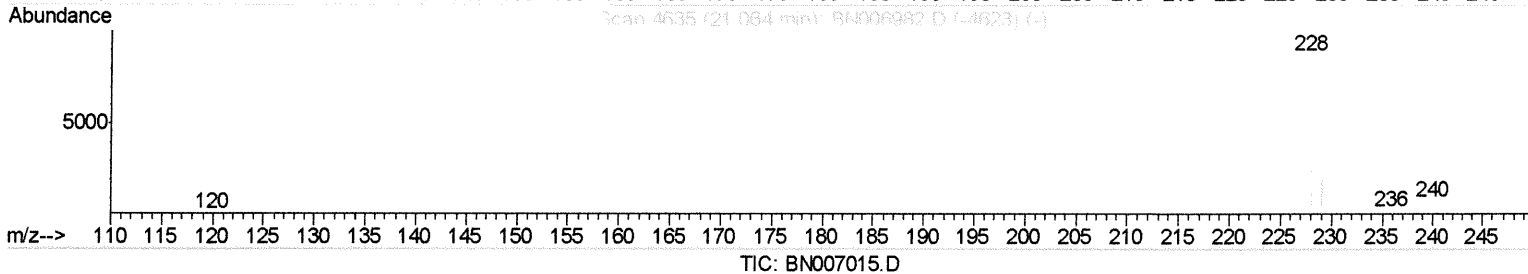
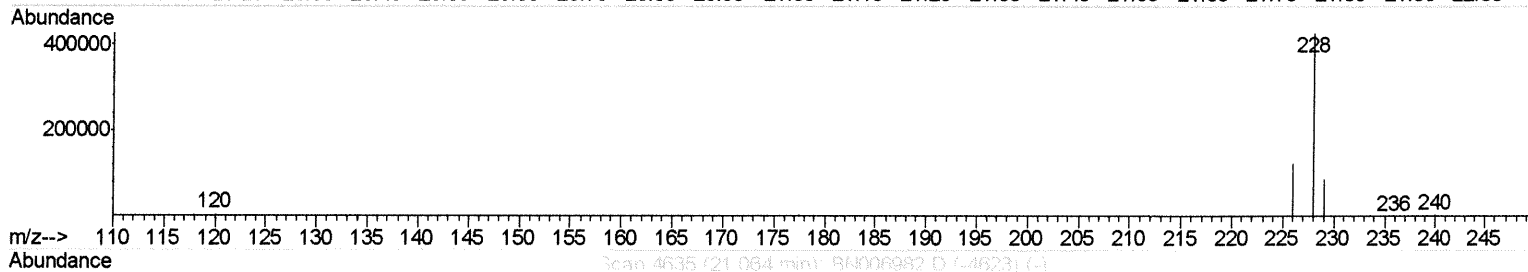
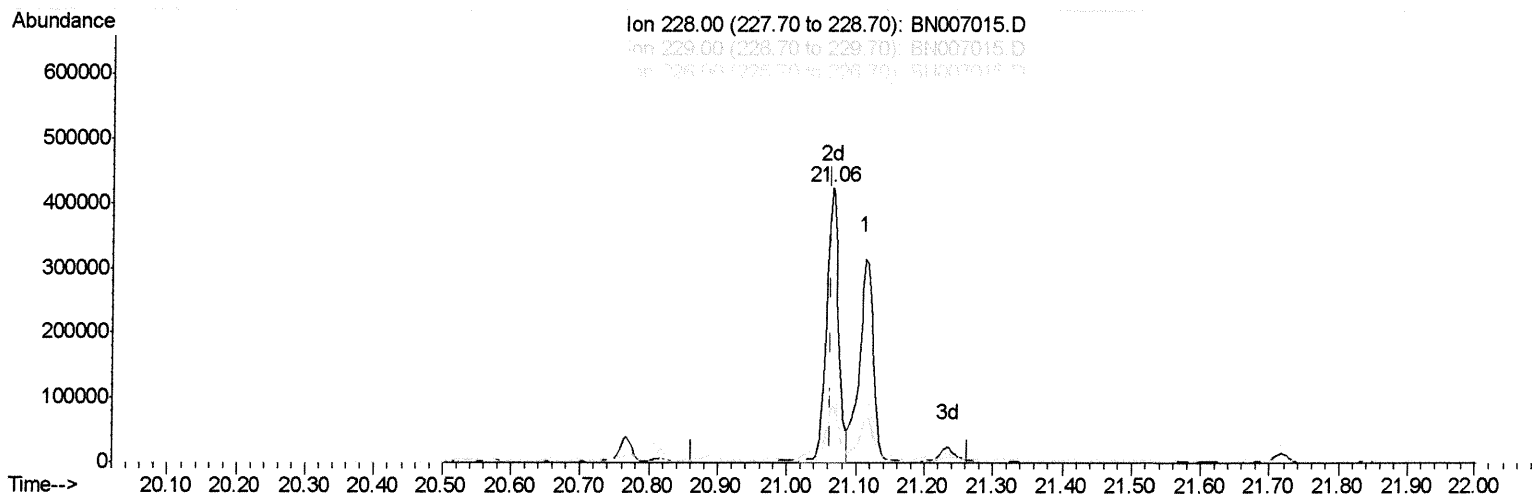
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:32:24 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

21.064min (-0.000) 3.28ng/ul m

Ju
 08/09/19

response 527819

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.66
226.00	27.80	28.88
0.00	0.00	0.00

Quantitation Report (Qedit)

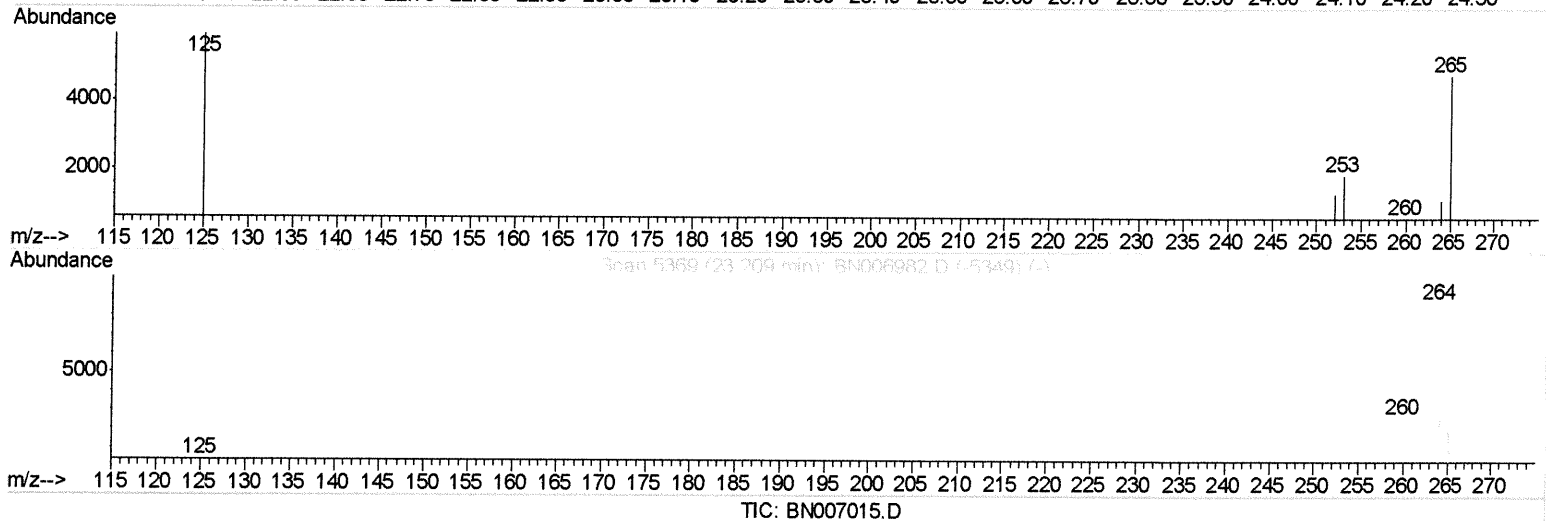
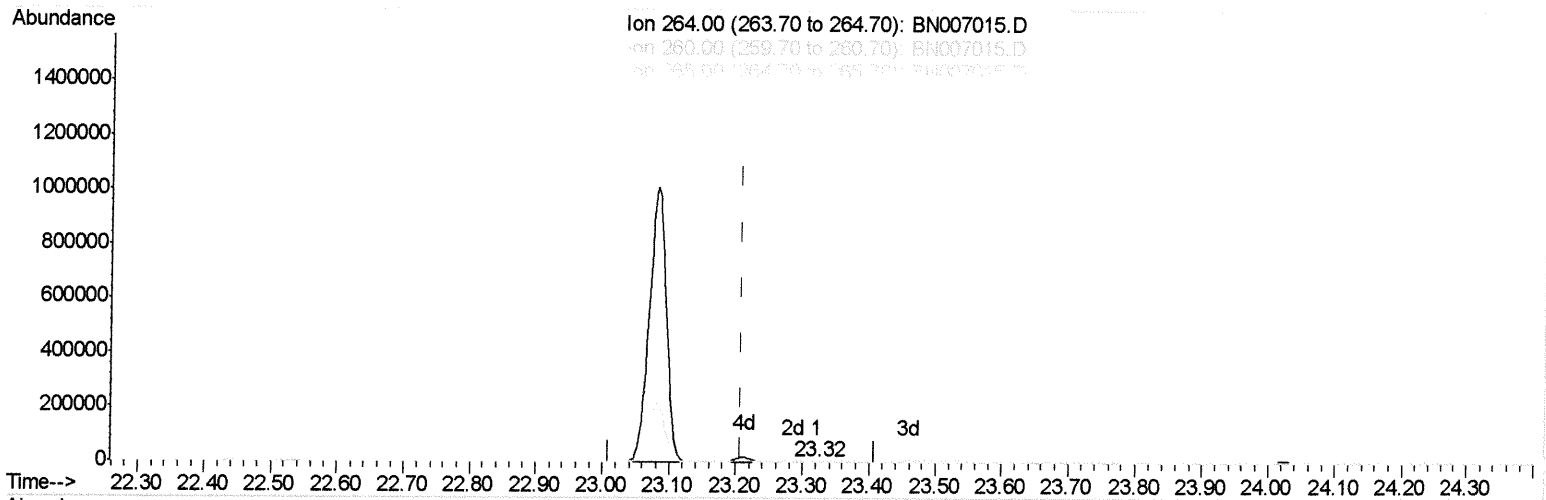
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:32:24 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)

23.323min (+0.114) 0.40ng/ul

response 1763

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	52.71#
265.00	27.80	423.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

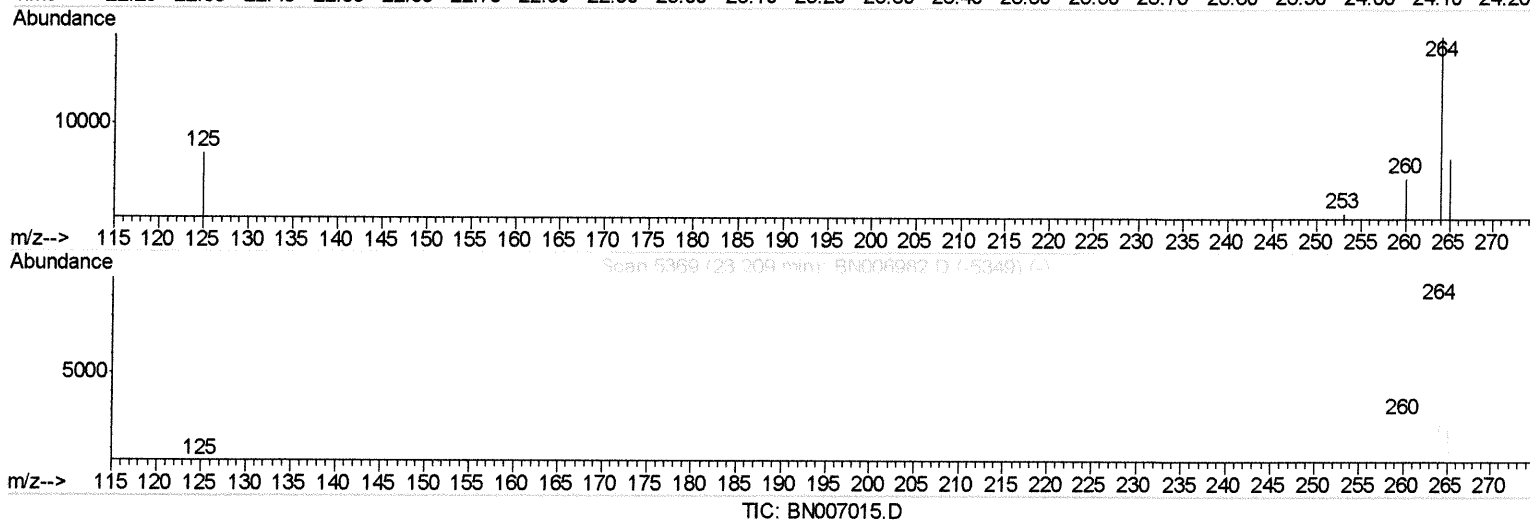
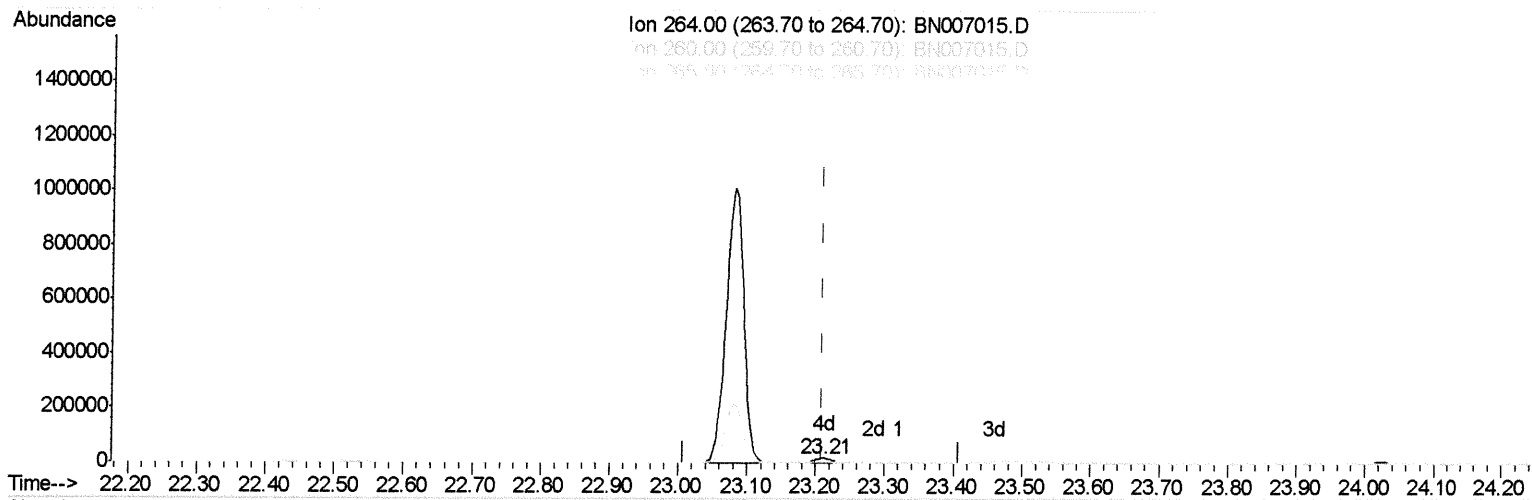
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:32:24 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)

23.212min (+0.003) 0.40ng/ul m

JU
 08/09/19

response 29644

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.25
265.00	27.80	38.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

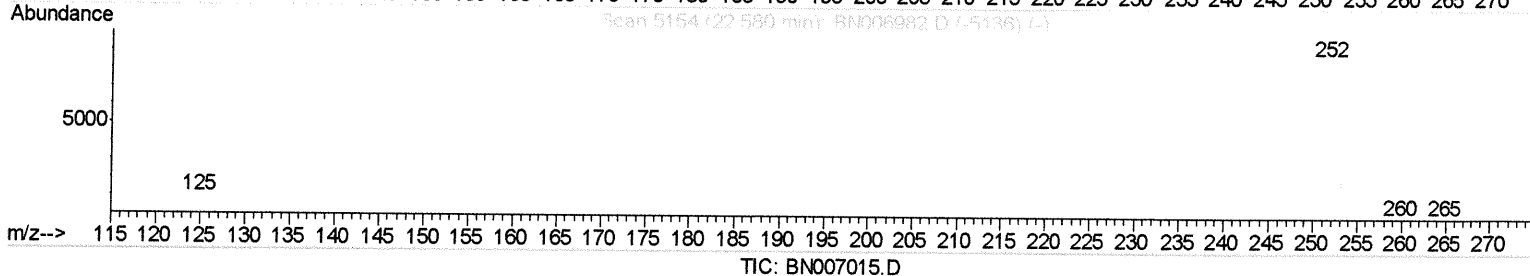
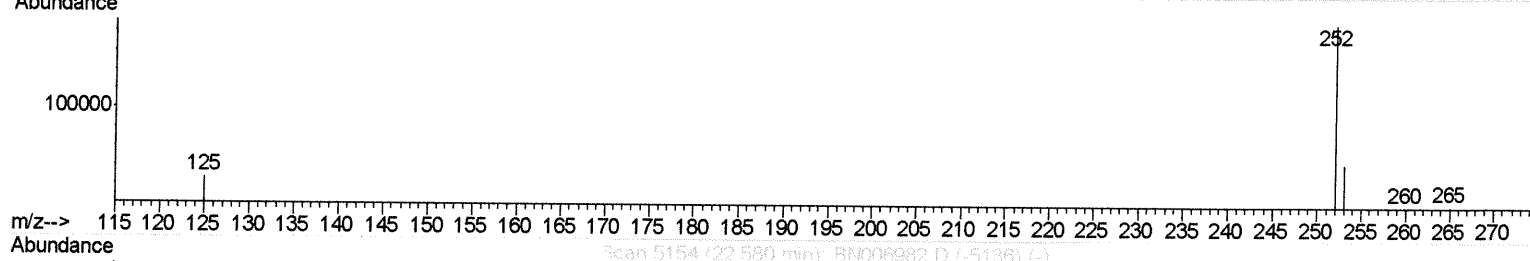
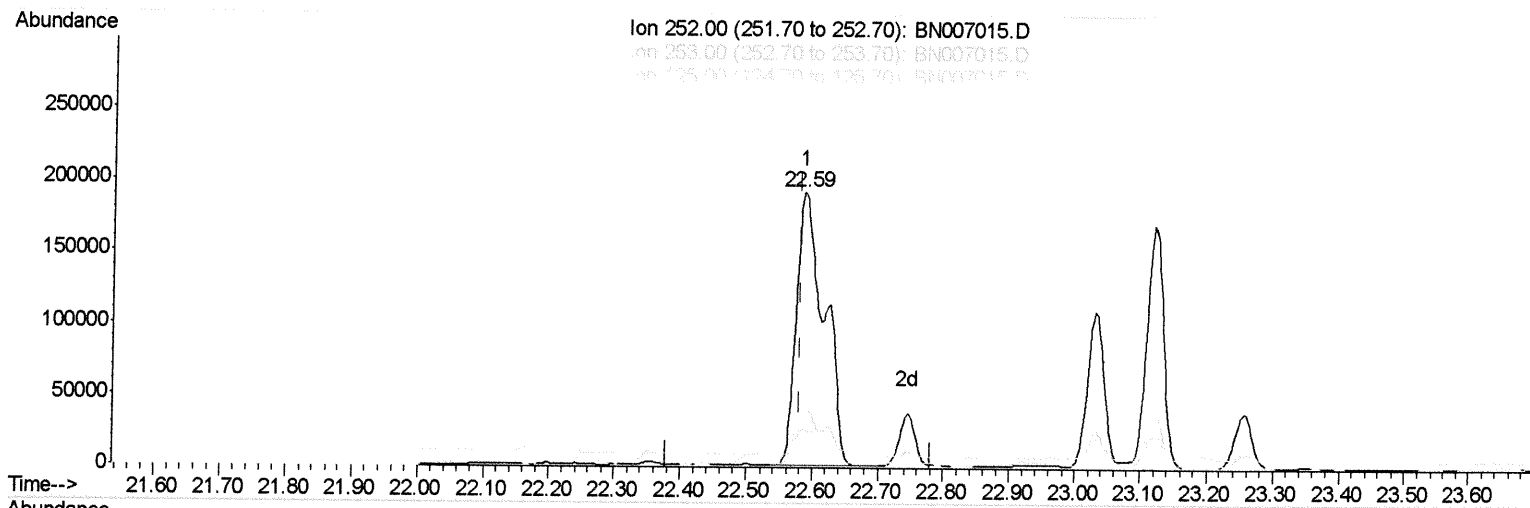
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

22.586min (+0.006) 4.70ng/ul

response 565442

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.20
125.00	11.10	14.12
0.00	0.00	0.00

Quantitation Report (Qedit)

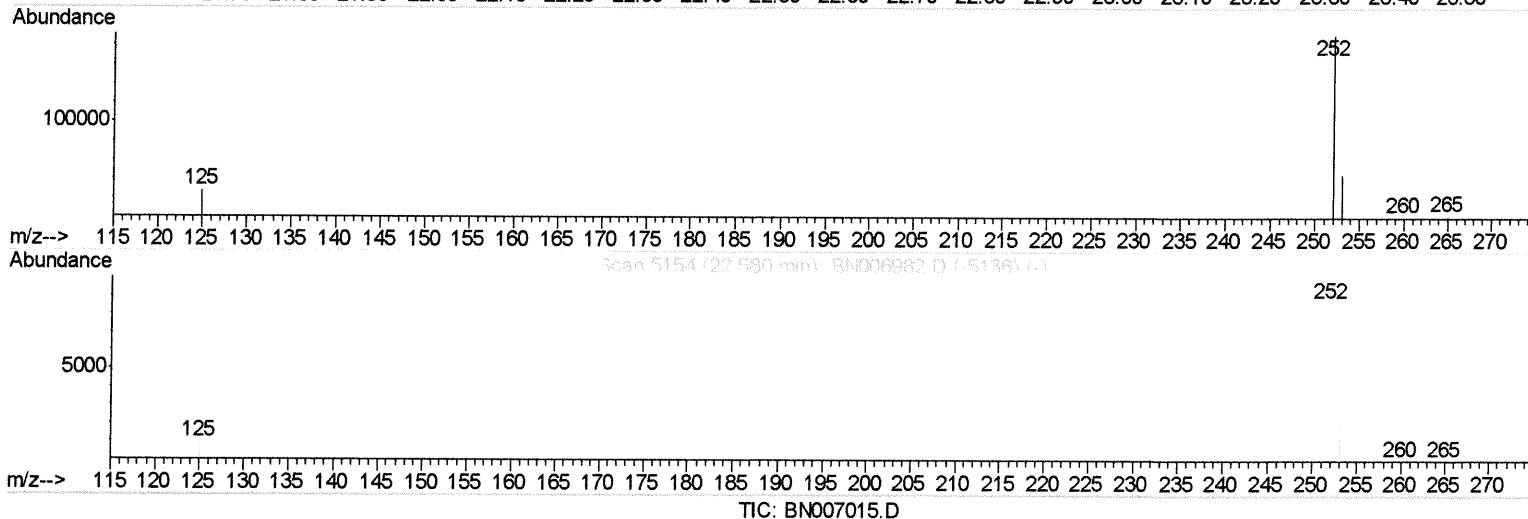
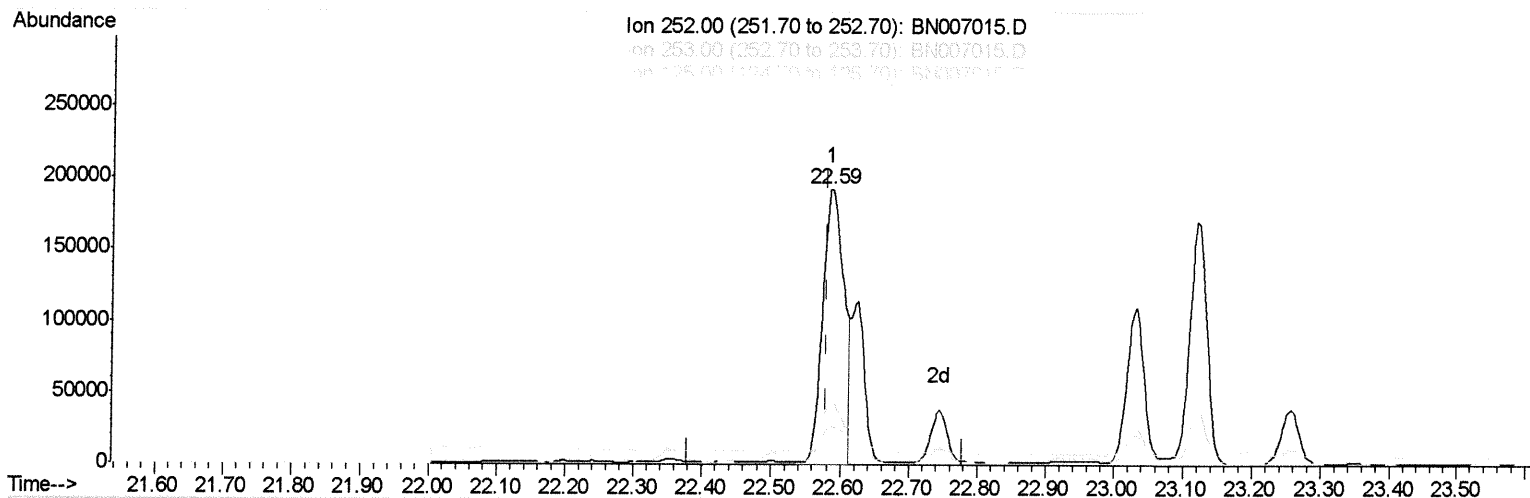
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

22.586min (+0.006) 3.48ng/ul m

response 418625

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.20
125.00	11.10	14.12
0.00	0.00	0.00

Quantitation Report (Qedit)

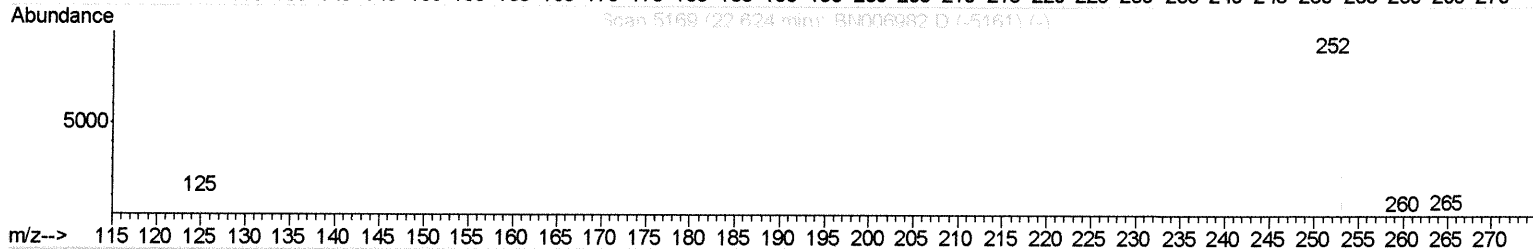
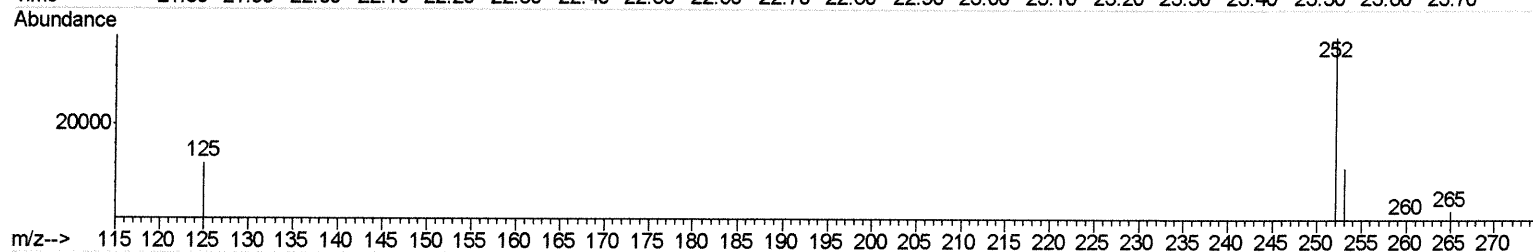
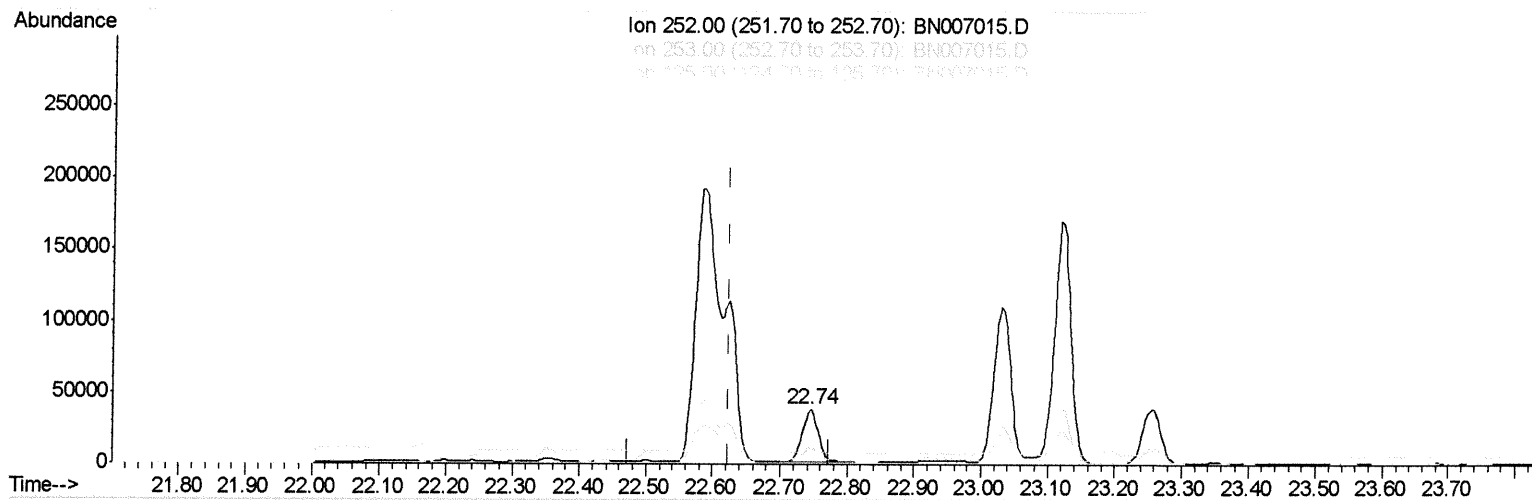
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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: BN007015.D

(22) Benzo(k)fluoranthene

22.744min (+0.120) 0.54ng/ul

response 63335

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.15#
125.00	10.90	31.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

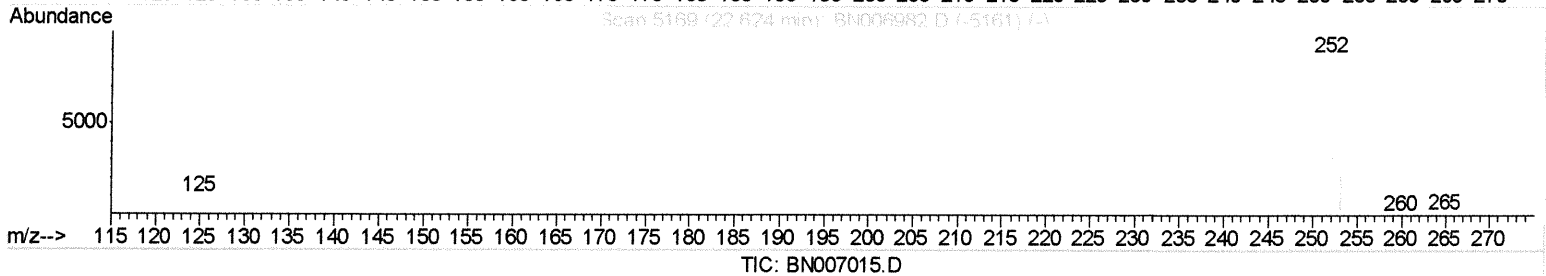
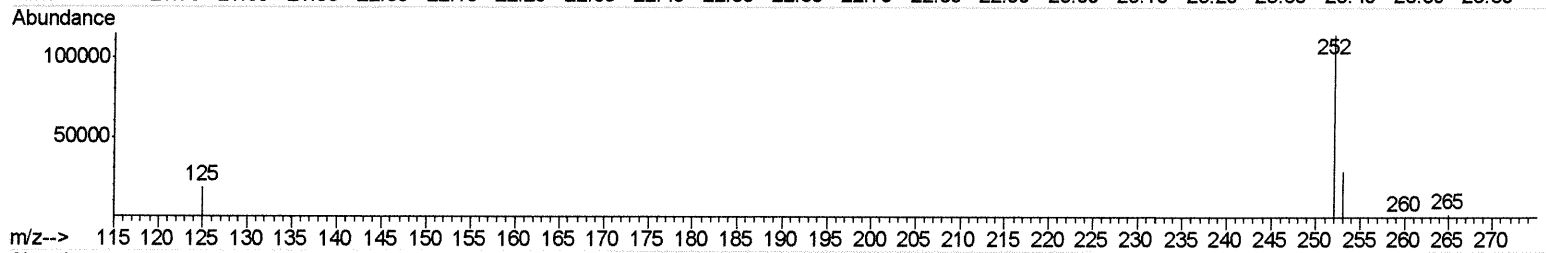
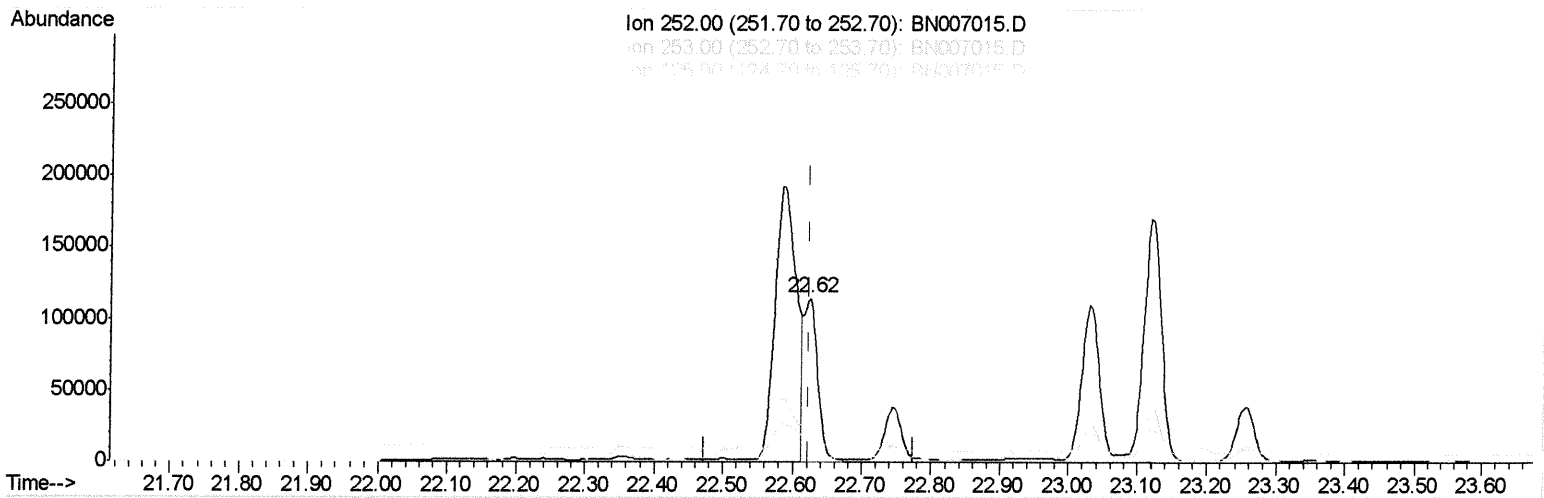
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

22.624min (-0.000) 1.35ng/ul m *JU 08/09/19*

response 157816

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	25.28
125.00	10.90	16.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

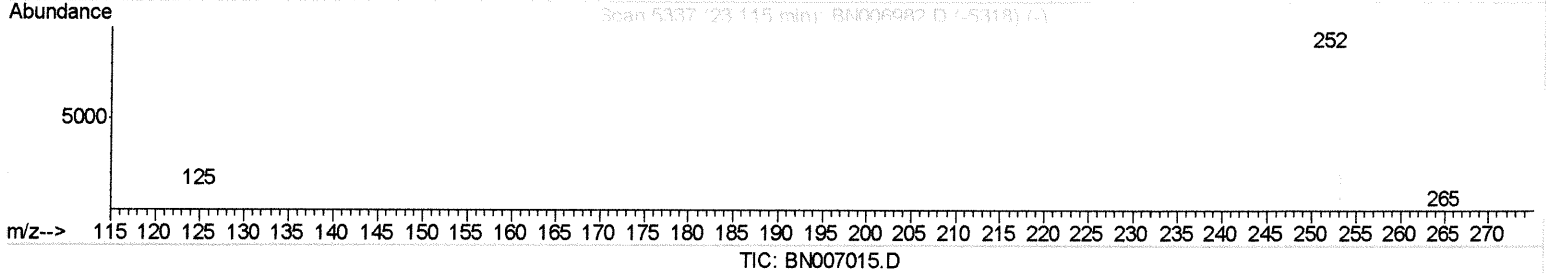
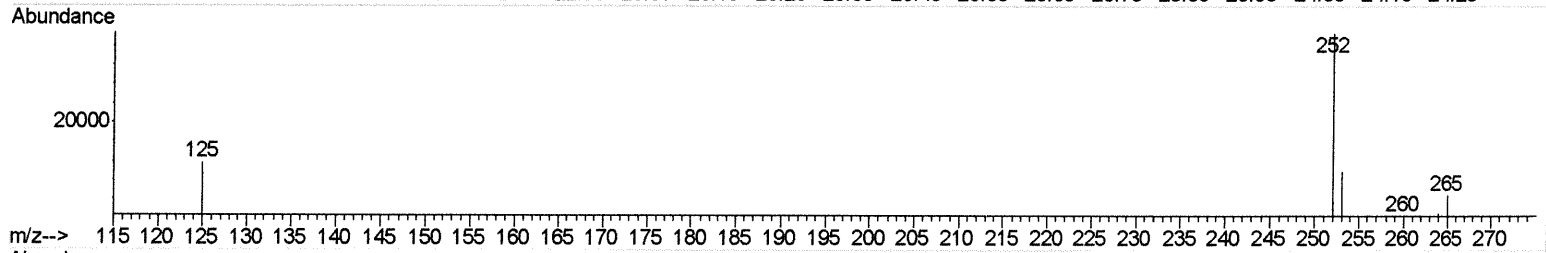
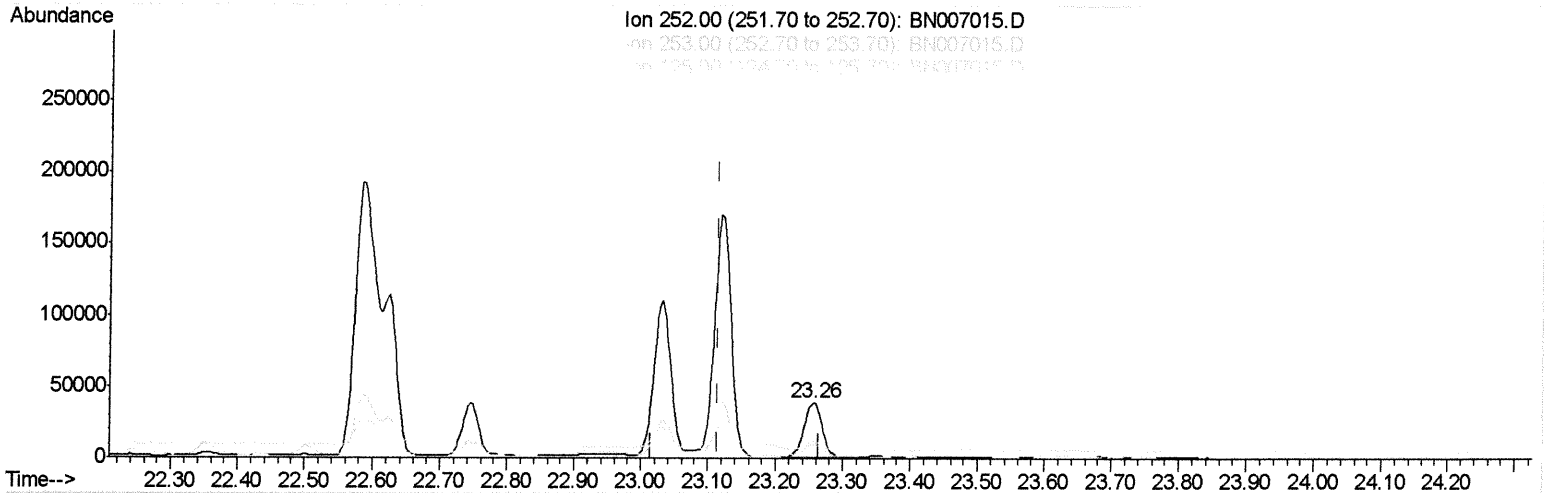
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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)

23.256min (+0.140) 0.62ng/ul

response 69758

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.53
125.00	12.50	29.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

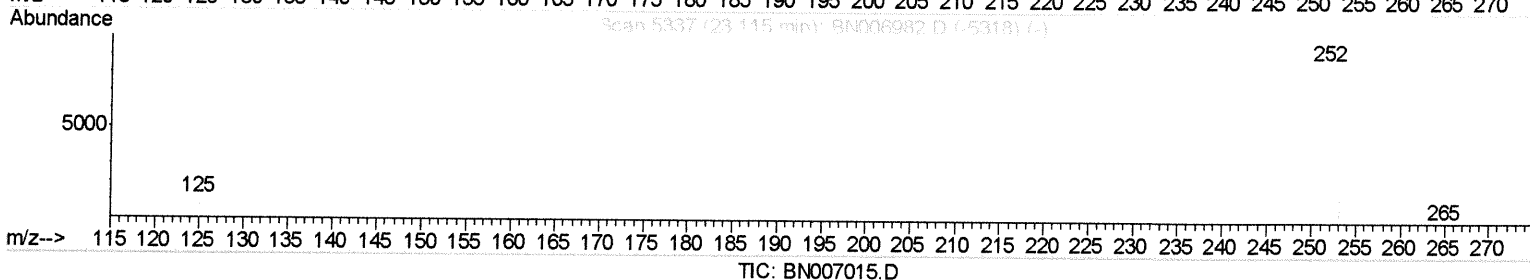
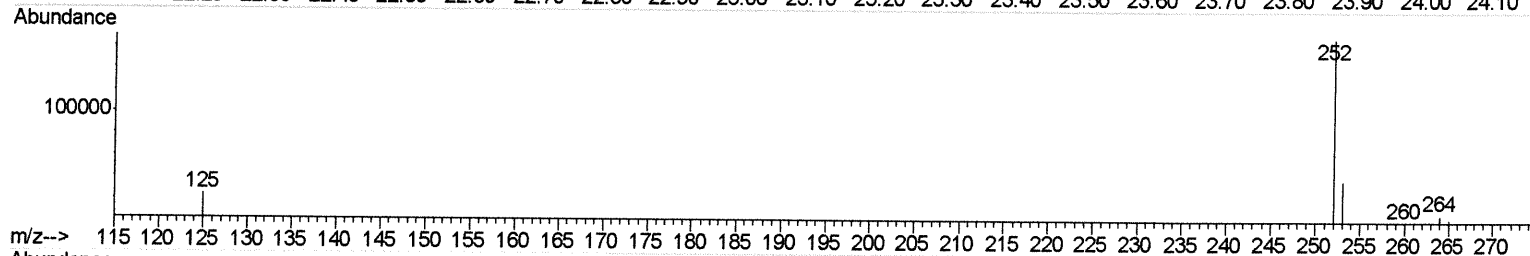
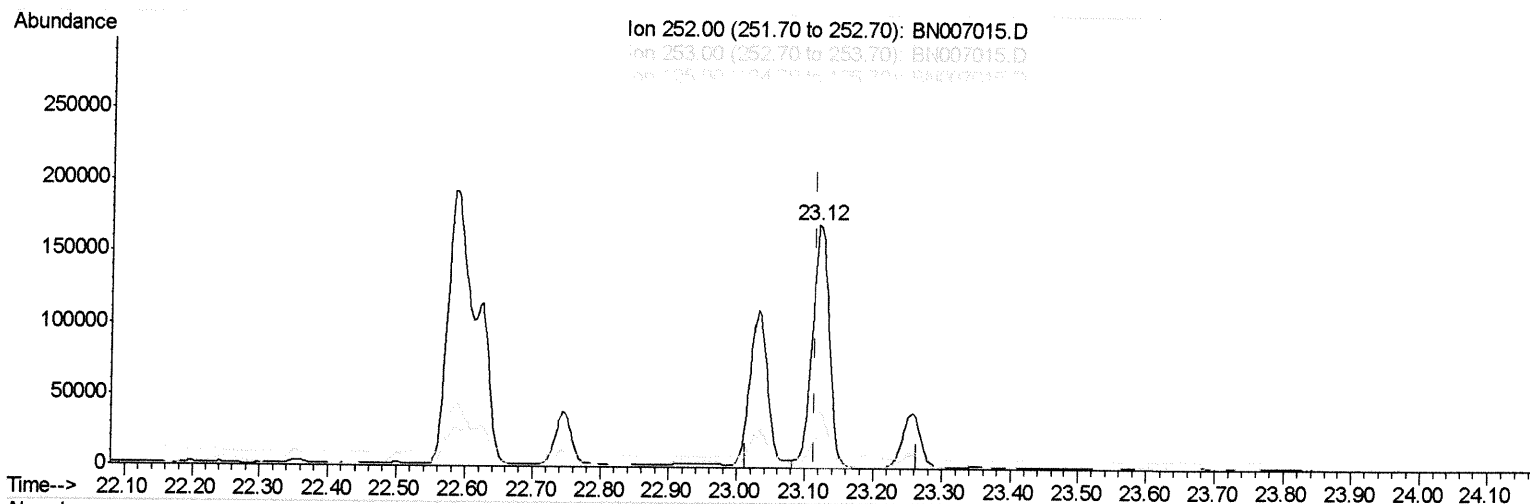
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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)

23.118min (+0.003) 2.62ng/ul m JU 08/09/19

response 296383

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.01
125.00	12.50	14.05
0.00	0.00	0.00

Quantitation Report (Qedit)

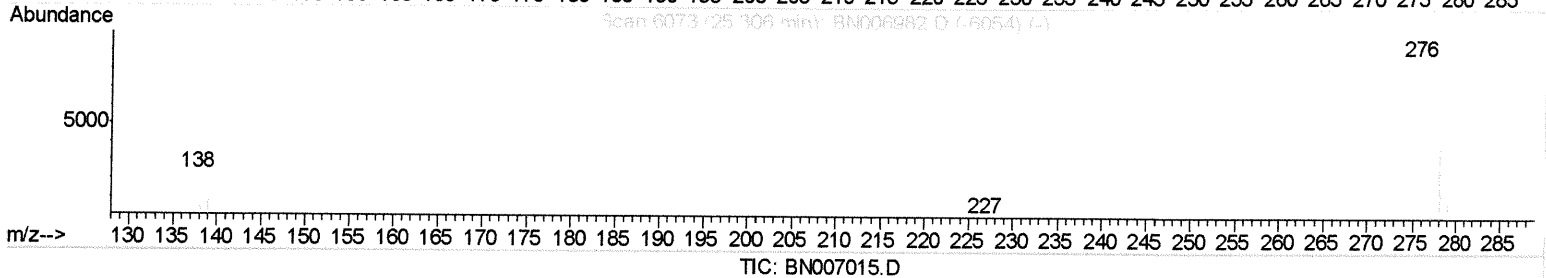
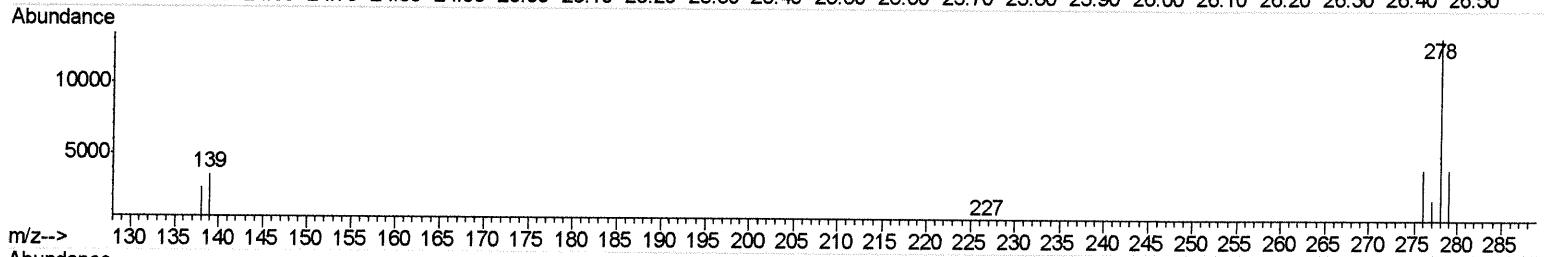
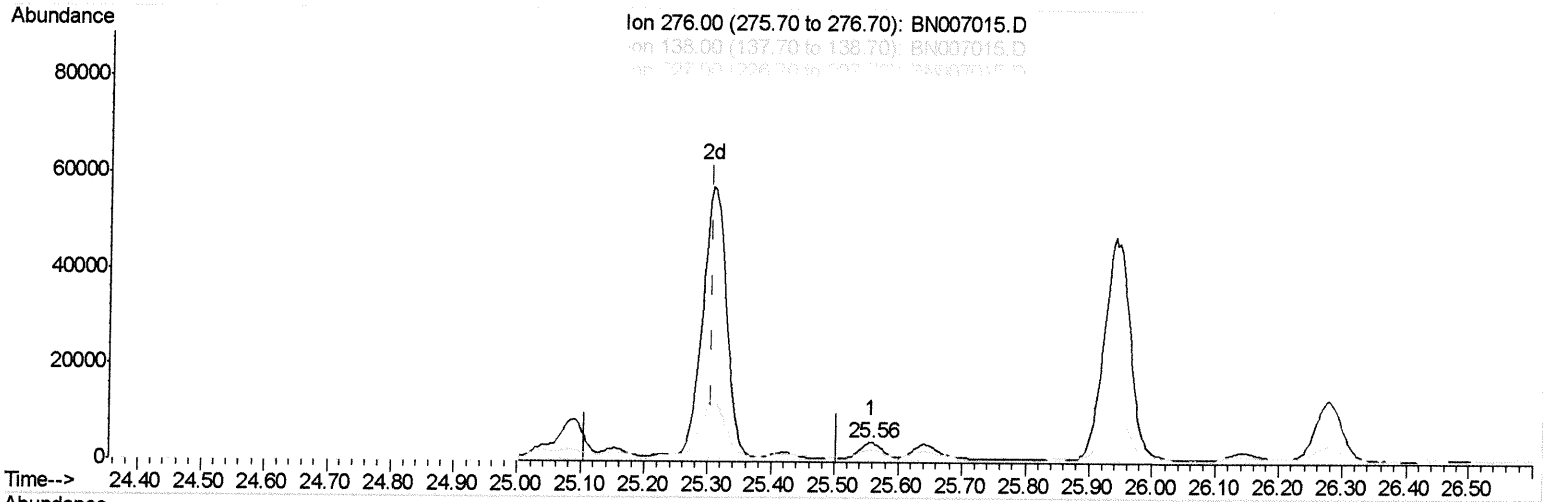
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

25.557min (+0.251) 0.08ng/ul

response 9341

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	46.55#
227.00	0.30	0.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

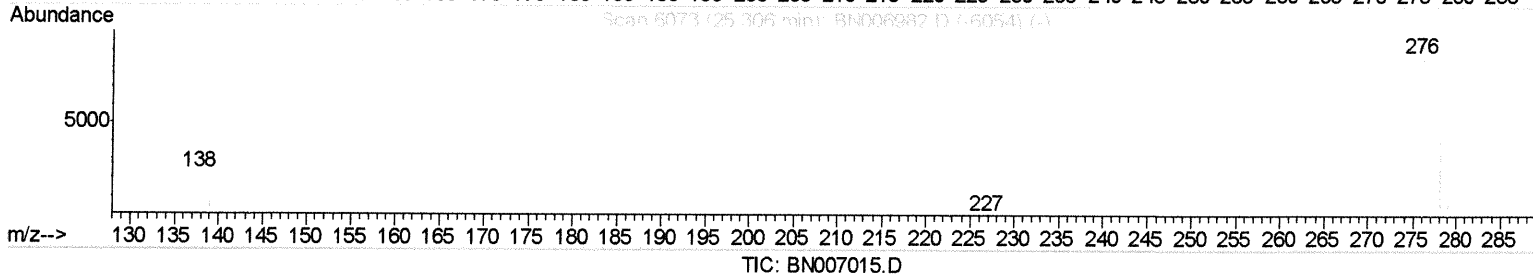
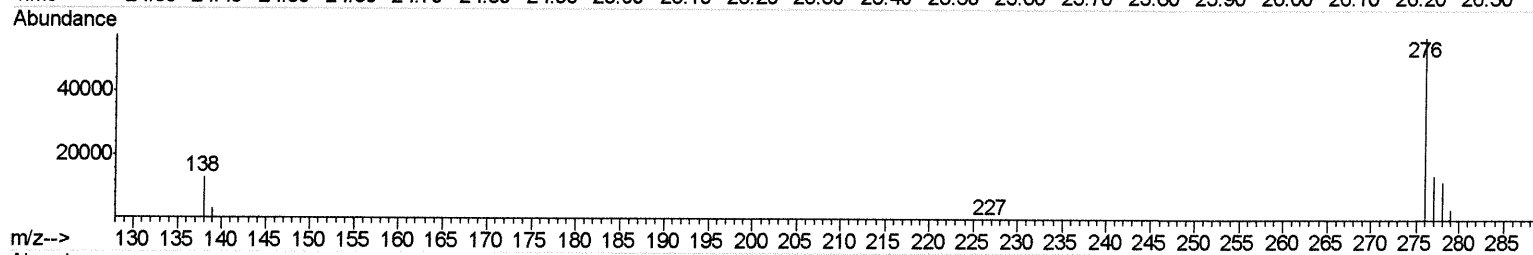
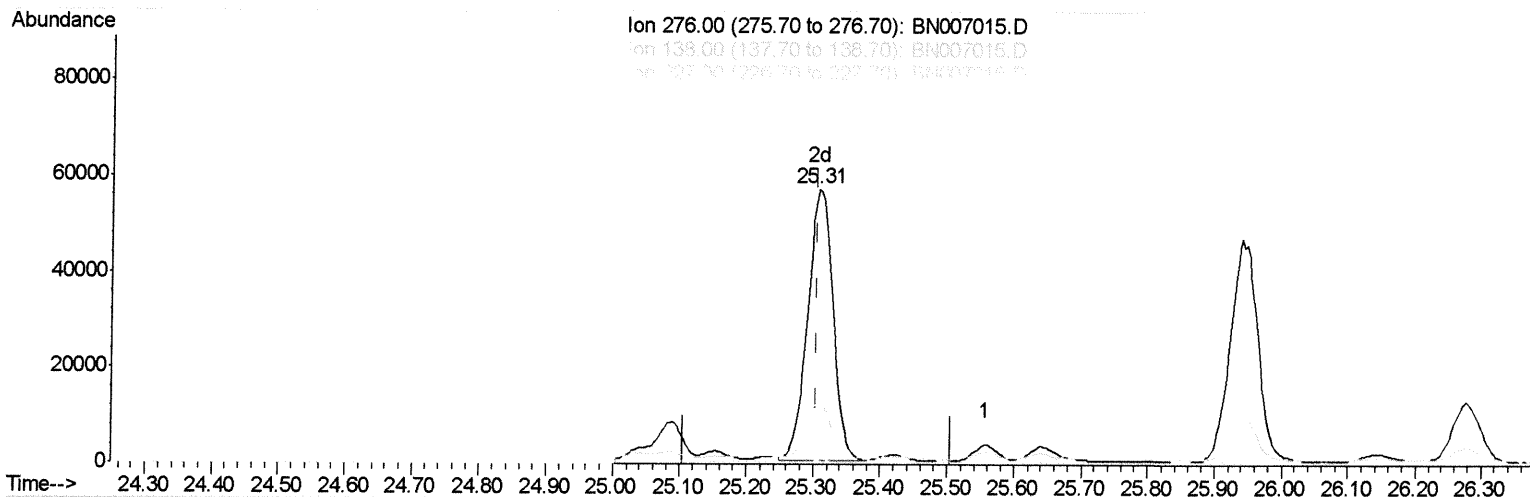
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

25.306min (-0.000) 1.23ng/ul m *JU 08/09/19*

response 150355

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	2.89#
227.00	0.30	0.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

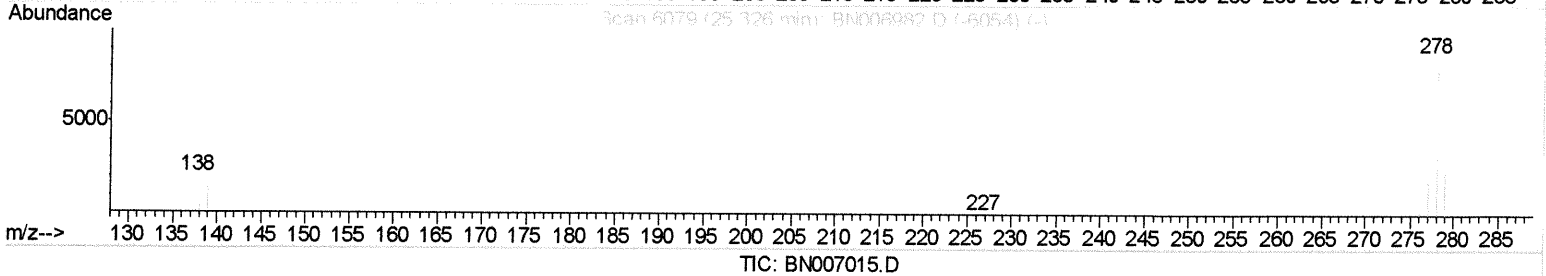
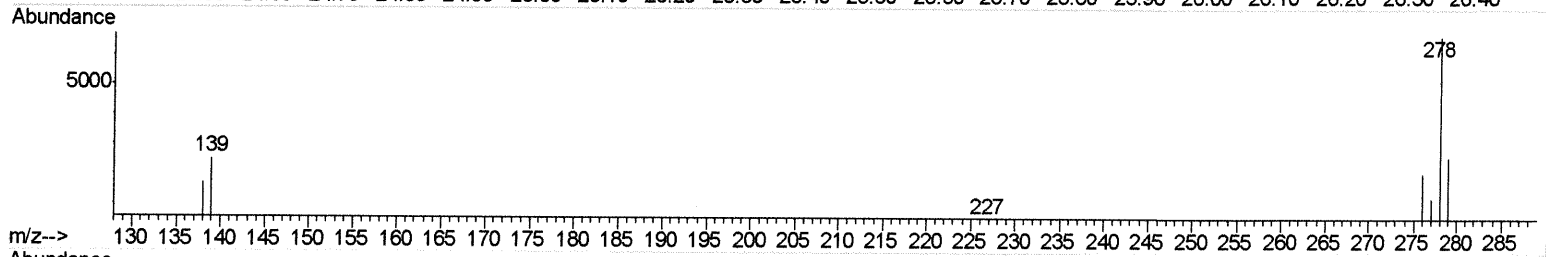
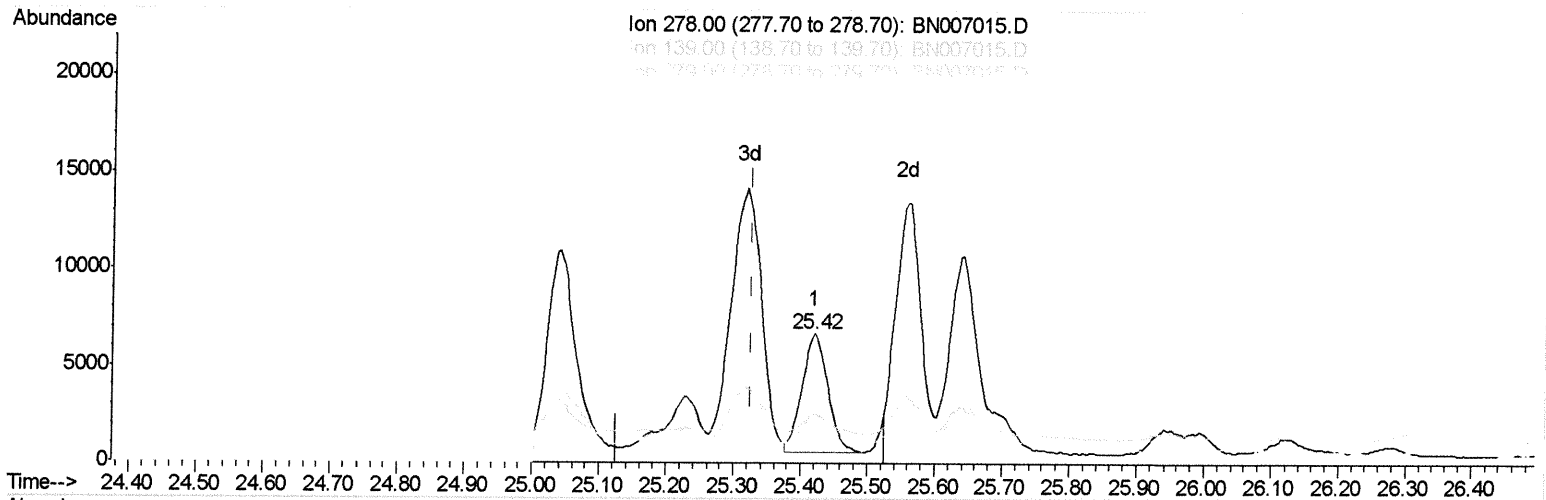
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
Data File : BN007015.D
Acq On : 08 Aug 2019 08:40
Operator : HP/JU
Sample : K3962-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP33

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

25.420min (+0.094) 0.17ng/ul

response 16367

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	37.34#
279.00	24.50	38.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

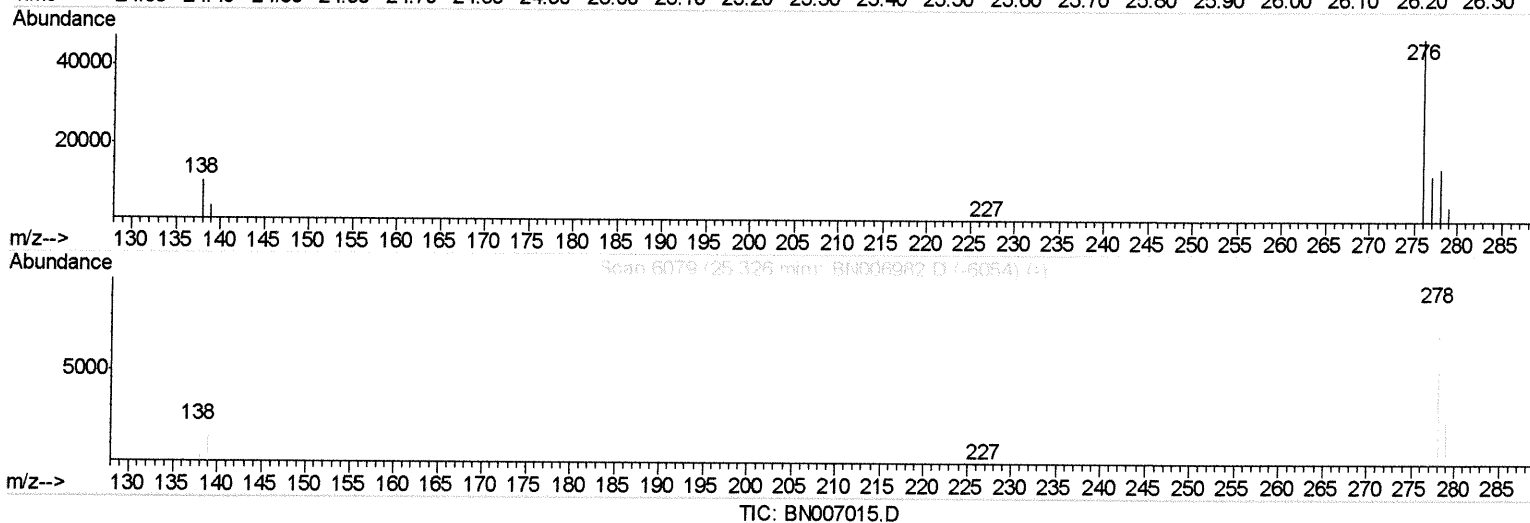
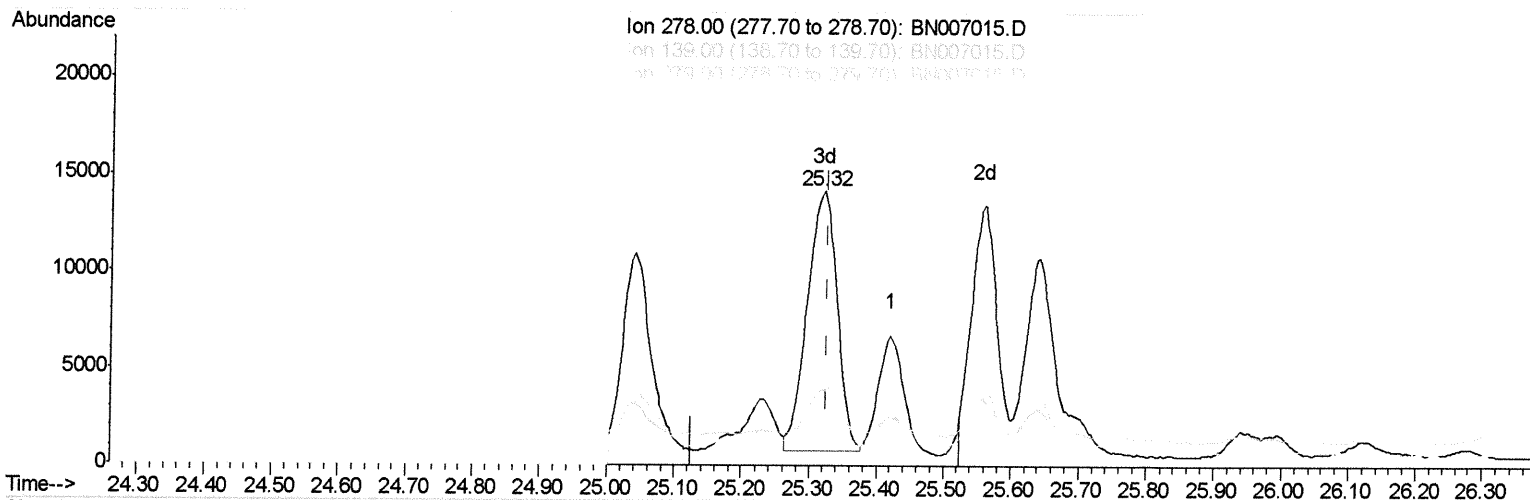
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:33:14 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

25.319min (-0.007) 0.43ng/ul m

JU
 08/09/19

response 41437

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	27.80#
279.00	24.50	30.45#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080719\
 Data File : BN007015.D
 Acq On : 08 Aug 2019 08:40
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP33

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:20 AM

Quant Time: Aug 08 11:35:08 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	9033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	36393	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22386	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54786m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	36607m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	29644m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12131	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	42041m	0.24	ng/ul	0.00
Target Compounds						
					Qvalue	
7) Acenaphthylene	13.83	152	27153	0.209	ng/ul	98
8) Acenaphthene	14.18	153	2130	0.024	ng/ul#	94
9) Fluorene	15.17	166	4057	0.038	ng/ul#	80
12) Phenanthrene	16.90	178	56749m	0.325	ng/ul	
13) Anthracene	16.99	178	28399m	0.159	ng/ul	
15) Fluoranthene	18.93	202	570142m	2.627	ng/ul	
17) Pyrene	19.30	202	527360	3.227	ng/ul	99
18) Benzo(a)anthracene	21.06	228	527819m	3.282	ng/ul	
19) Chrysene	21.11	228	449407	2.984	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	418625m	3.483	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	157816m	1.355	ng/ul	
23) Benzo(a)pyrene	23.12	252	296383m	2.619	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	150355m	1.233	ng/ul	
25) Dibenzo(a,h)anthracene	25.32	278	41437m	0.425	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	135471	1.324	ng/ul	98

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