

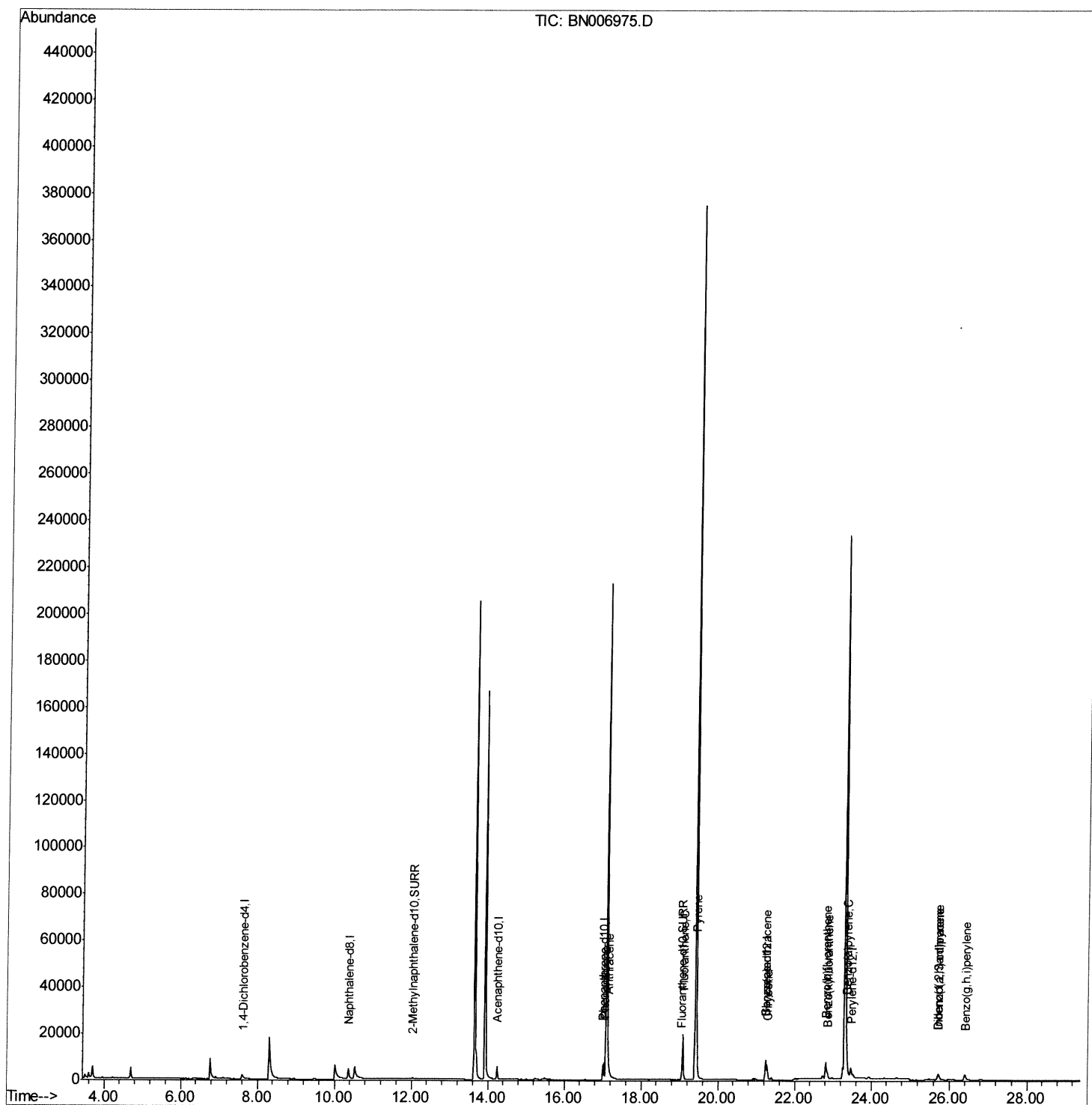
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52G4

Manual Integrations
APPROVED

mohammad
7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

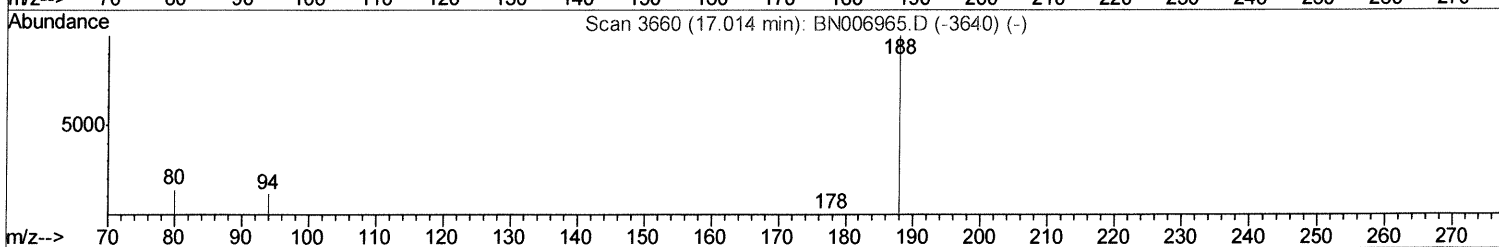
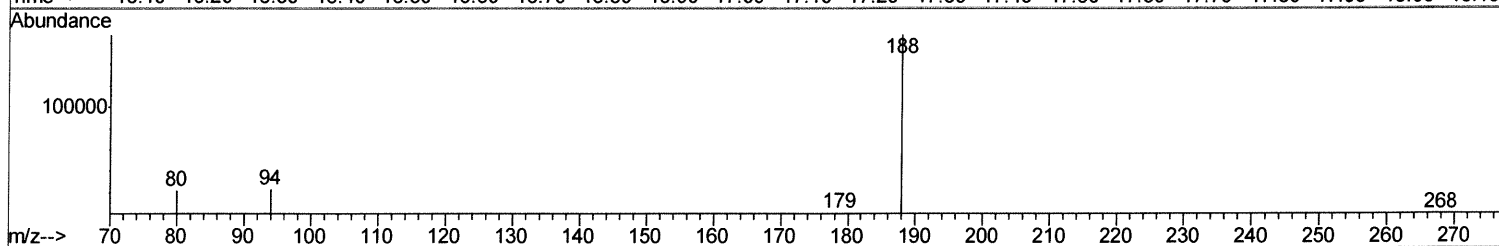
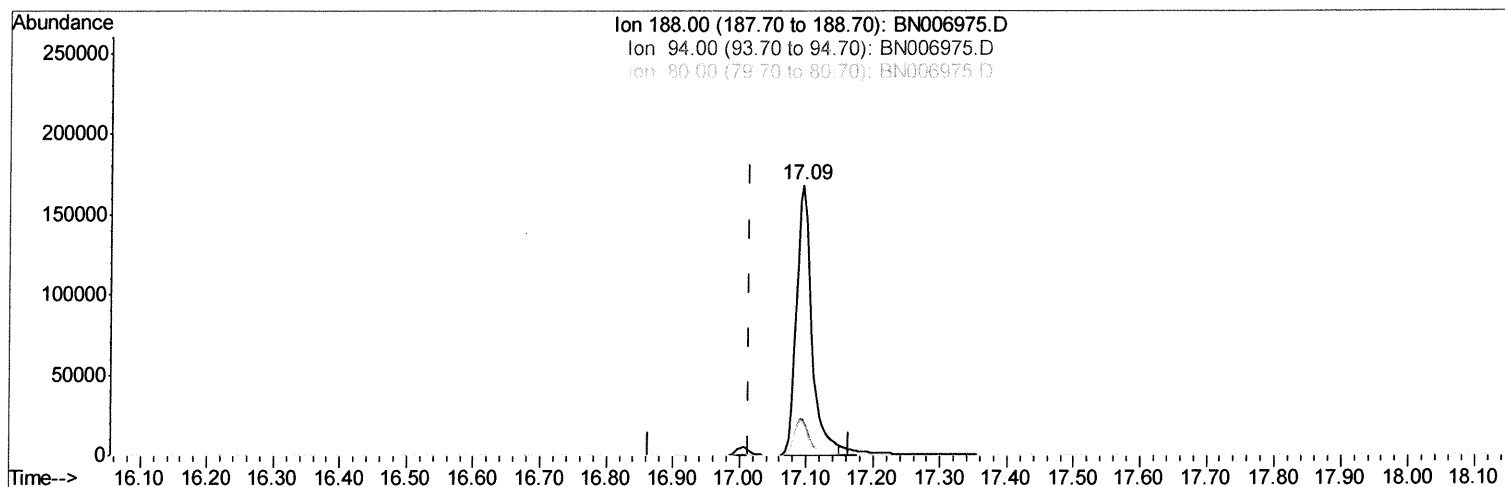
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52G4

Manual Integrations
APPROVED

mohammad
7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:50:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



TIC: BN006975.D

(10) Phenanthrene-d10 (I)

17.095min (+0.080) 0.40ng/ul

response 270282

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.56
80.00	14.80	12.84
0.00	0.00	0.00

Quantitation Report (Qedit)

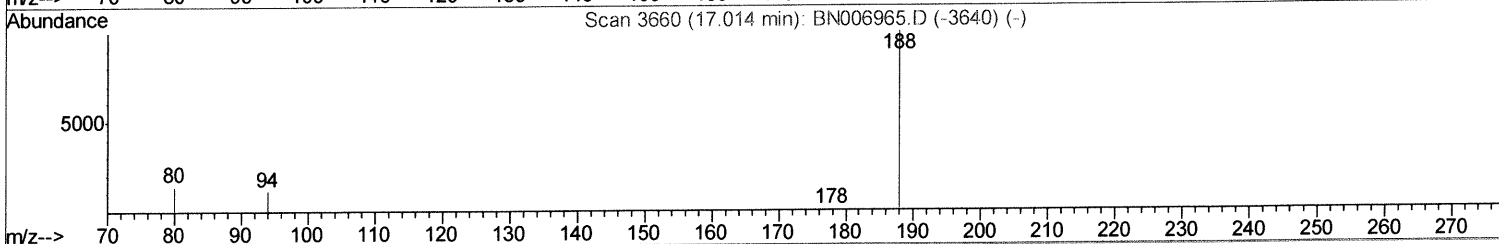
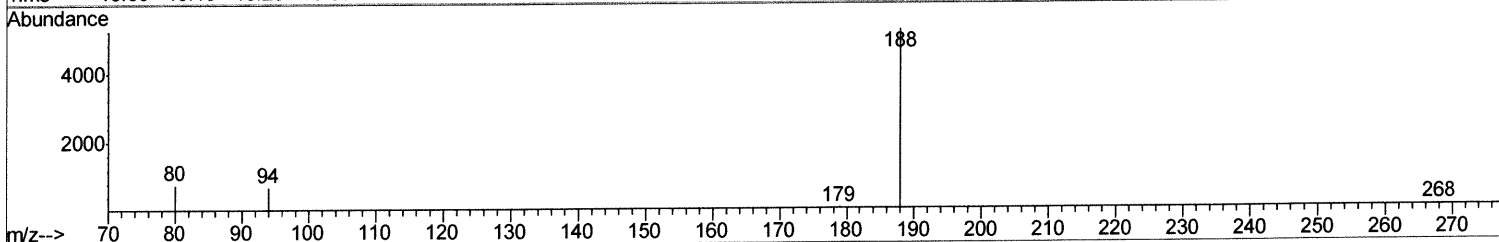
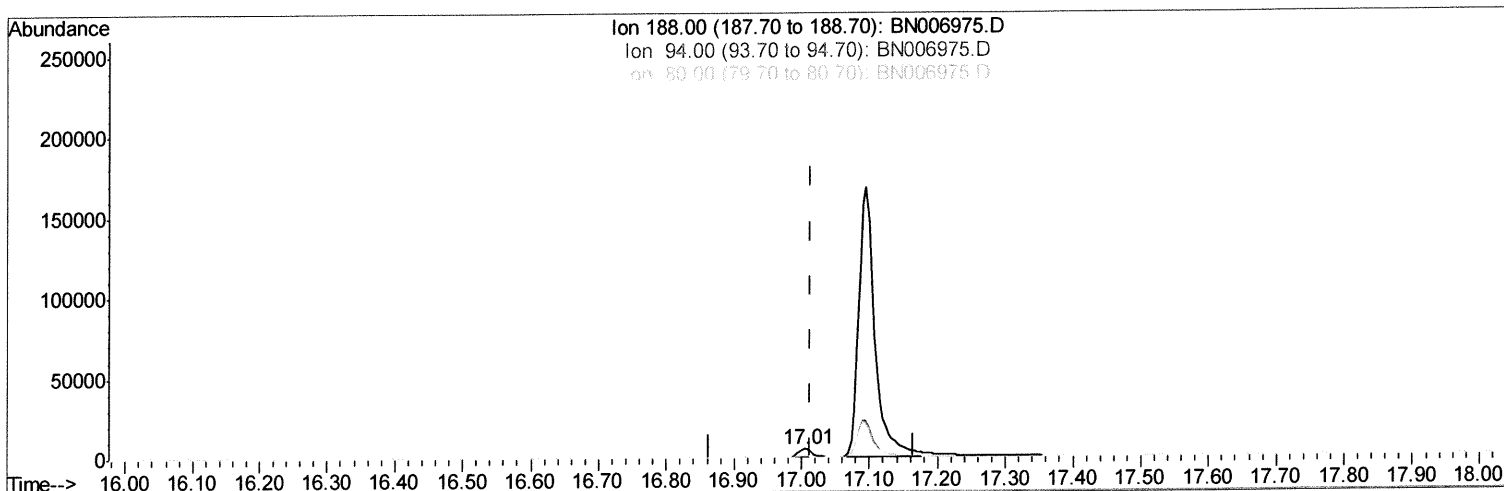
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:50:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BN006975.D

(10) Phenanthrene-d10 (I)

17.006min (-0.008) 0.40ng/ul m

JU
 07/25/19

response 7422

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.13
80.00	14.80	14.77
0.00	0.00	0.00

Quantitation Report (Qedit)

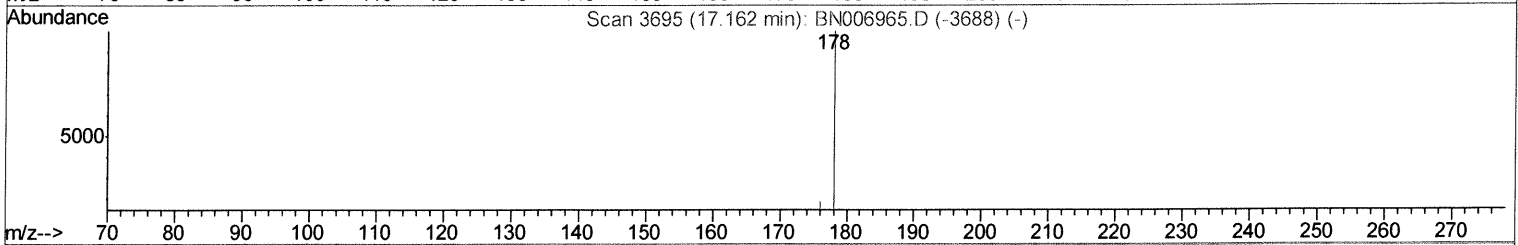
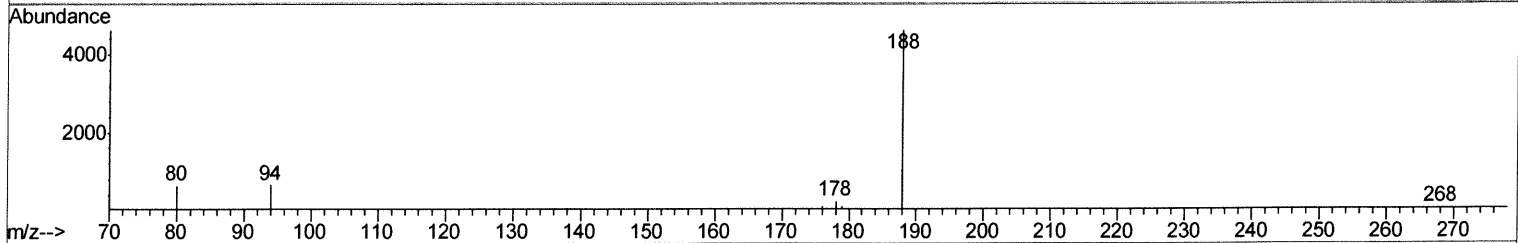
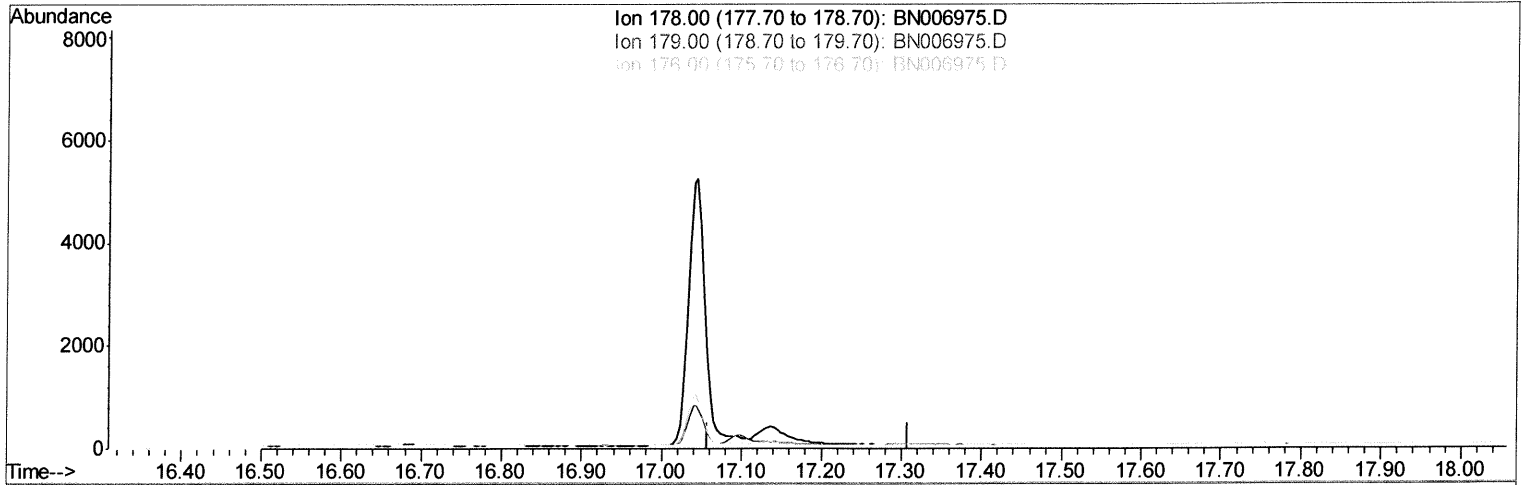
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(13) Anthracene

17.158min (-17.158) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.90	0.00#
176.00	19.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

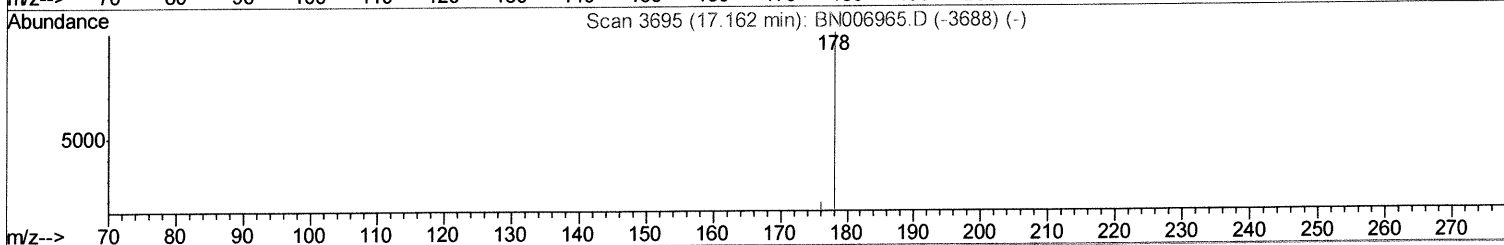
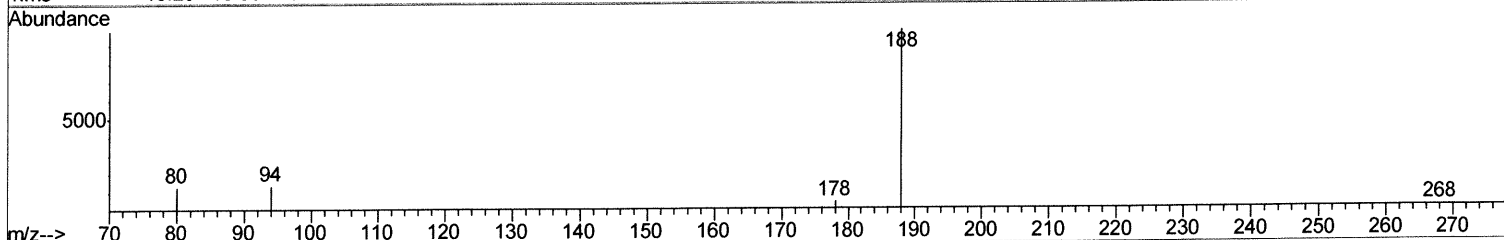
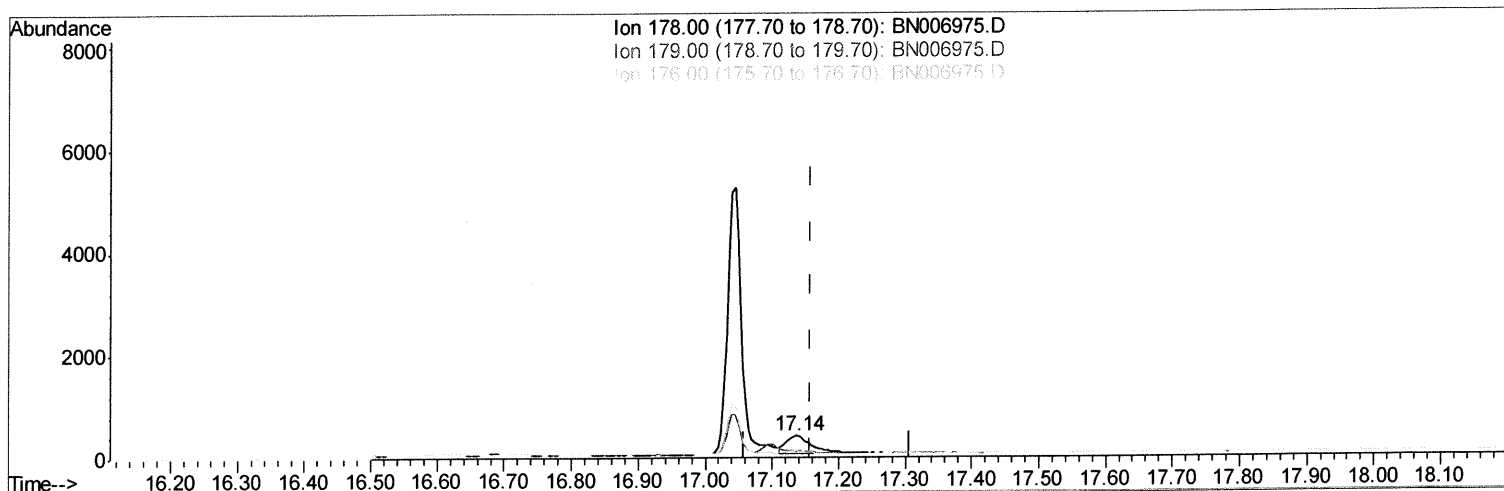
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(13) Anthracene

17.137min (-0.021) 0.04ng/ul m

JU
 07/25/19

response 871

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	30.88#
176.00	19.70	32.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

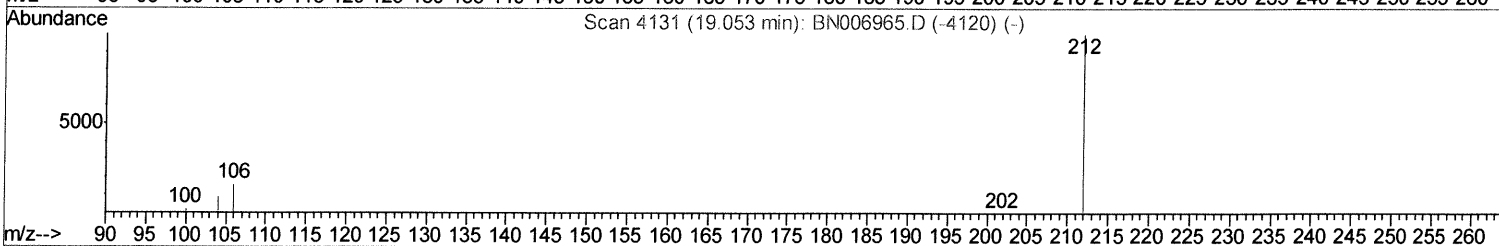
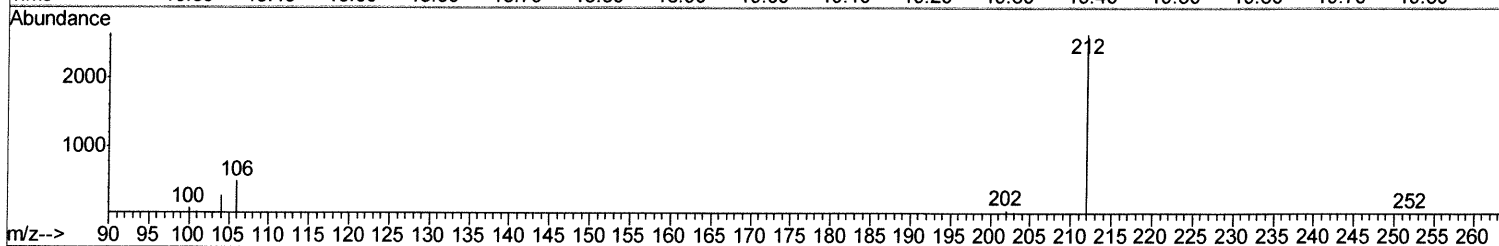
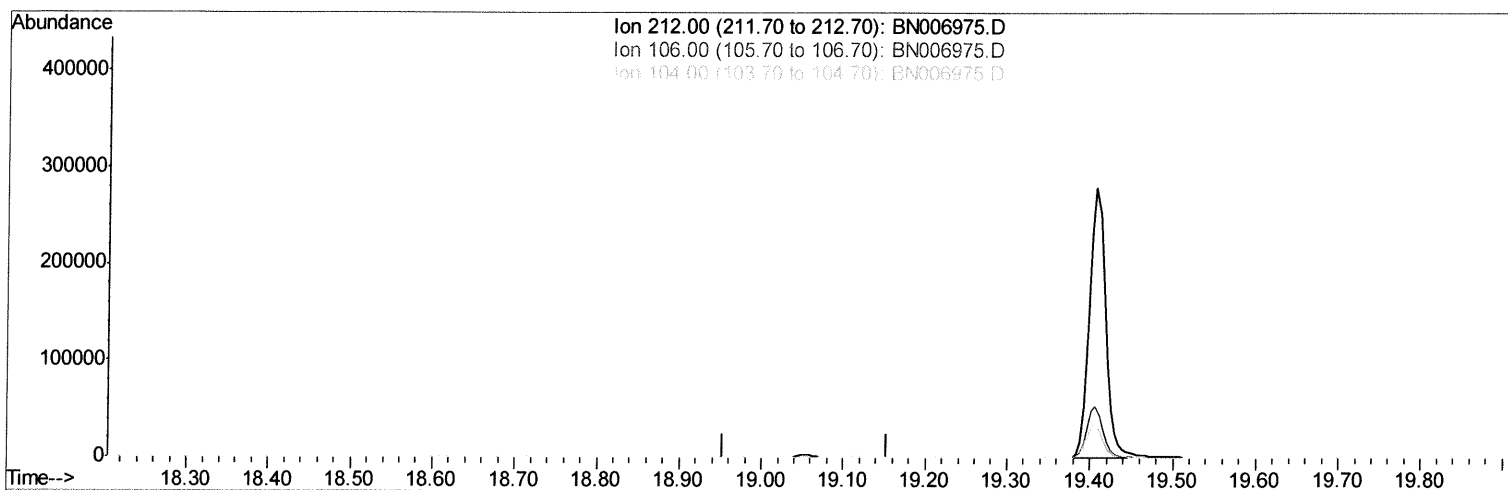
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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TIC: BN006975.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

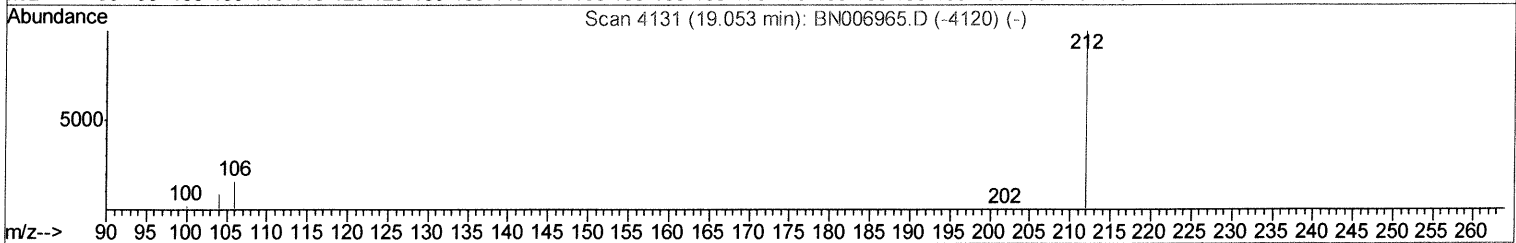
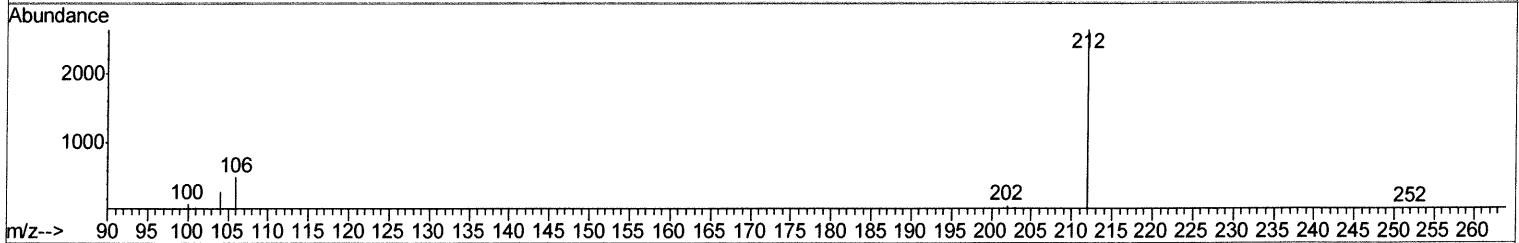
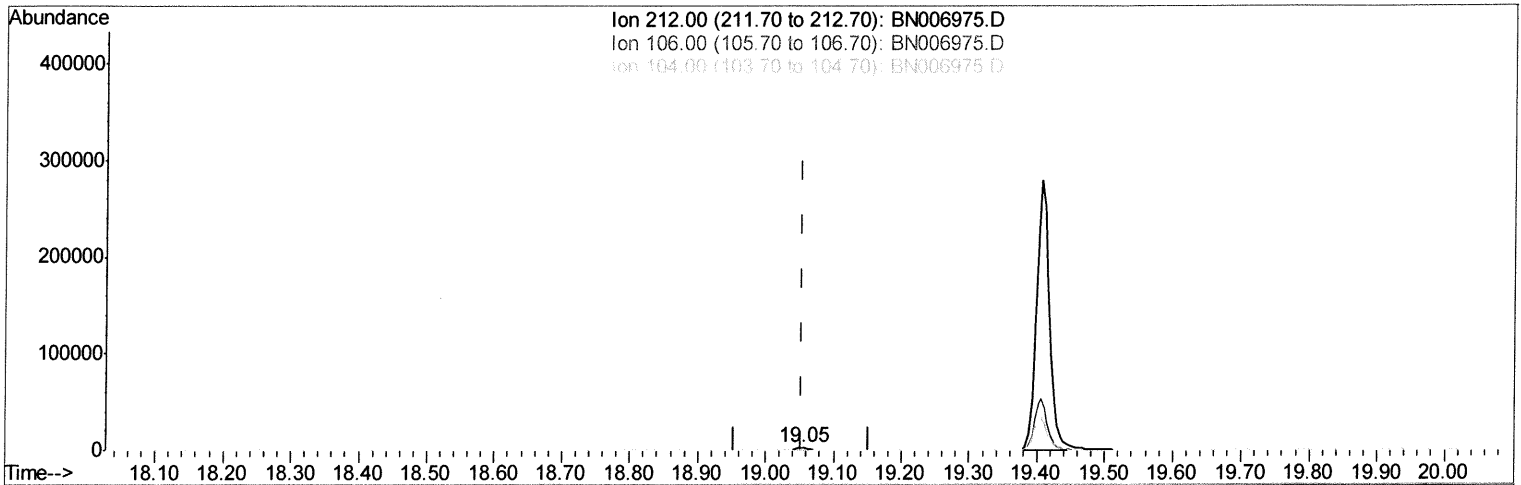
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.000) 0.17ng/ul m

JU
 07/25/19

response 3791

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

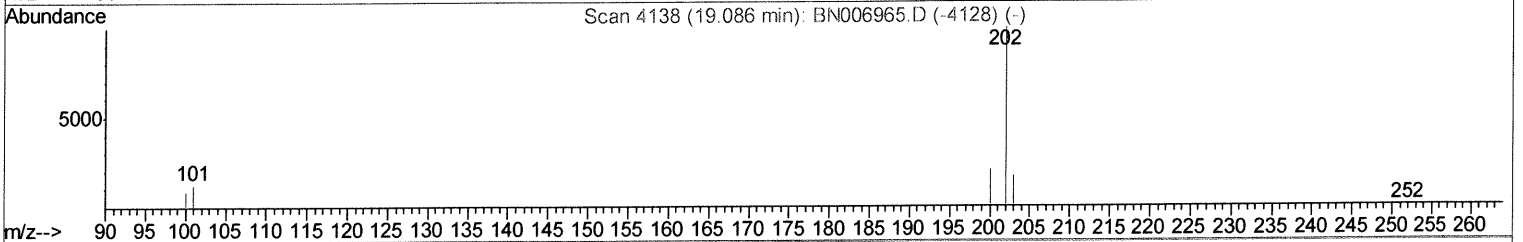
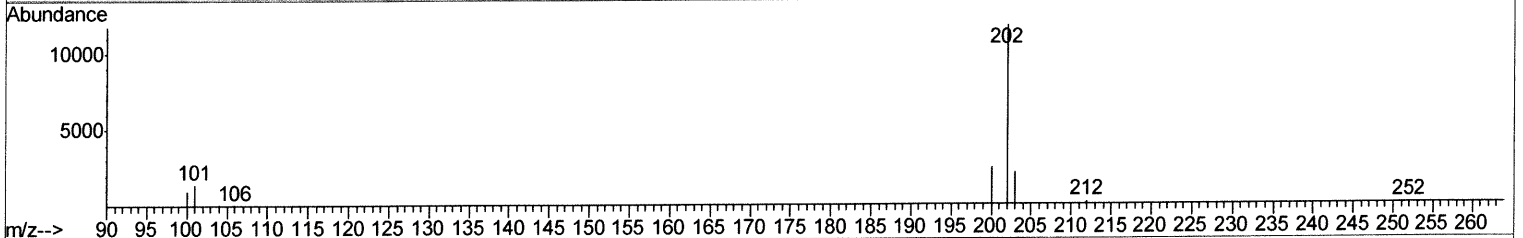
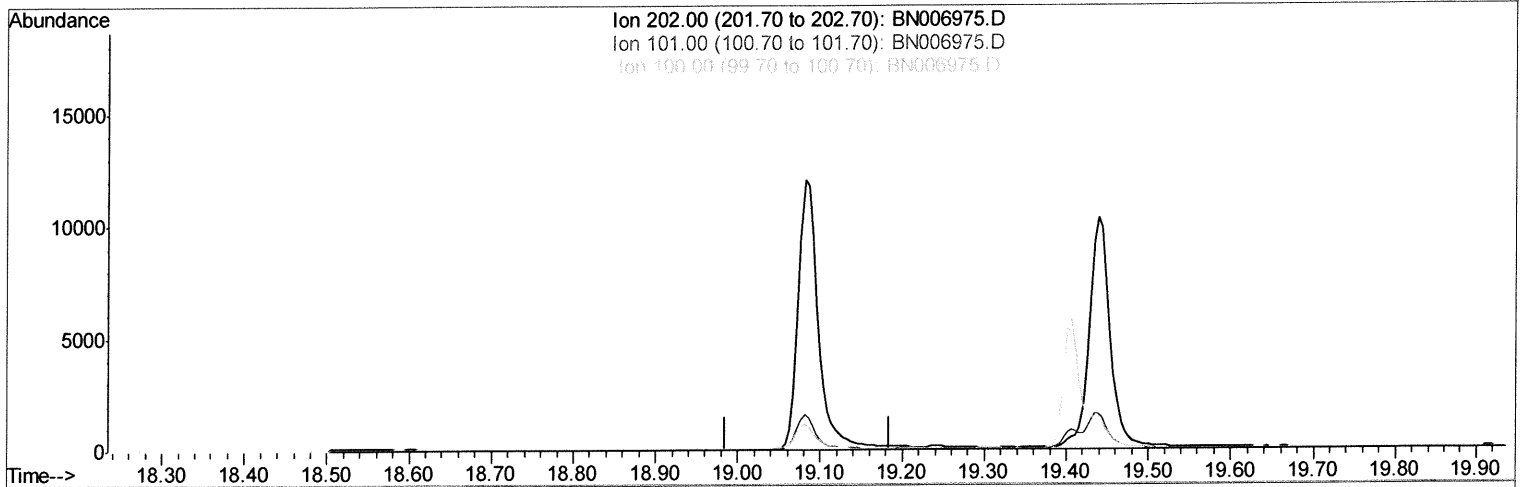
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(15) Fluoranthene (C)

19.086min (-19.086) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	13.20	0.00
100.00	9.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

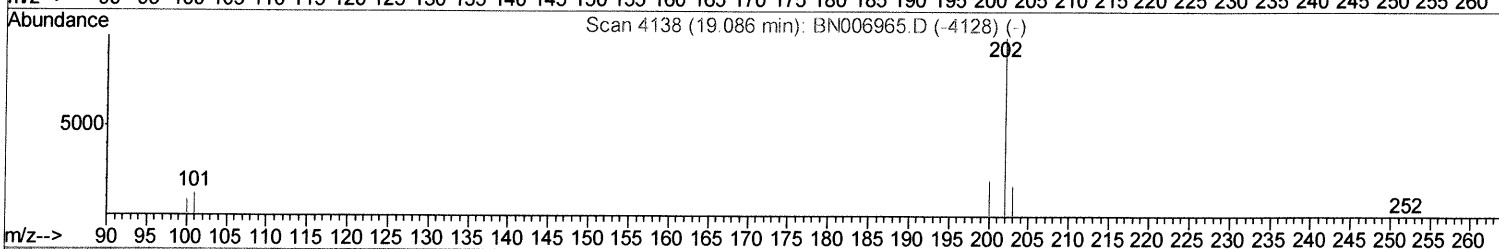
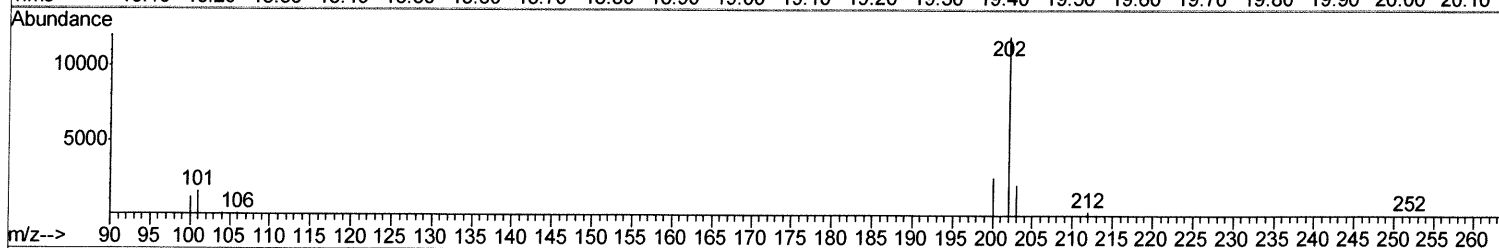
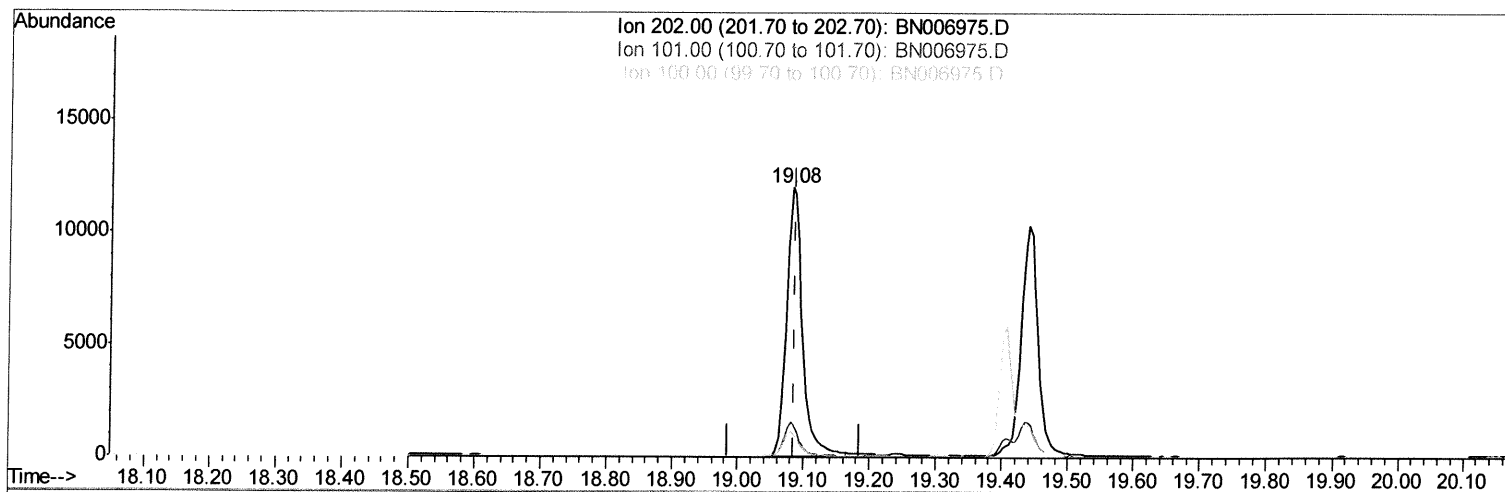
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52G4

Manual Integrations
APPROVED

mohammad
7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



TIC: BN006975.D

(15) Fluoranthene (C)

19.081min (-0.005) 0.68ng/ul m

JU
07/25/19

response 20065

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	13.05
100.00	9.90	9.78
0.00	0.00	0.00

Quantitation Report (Qedit)

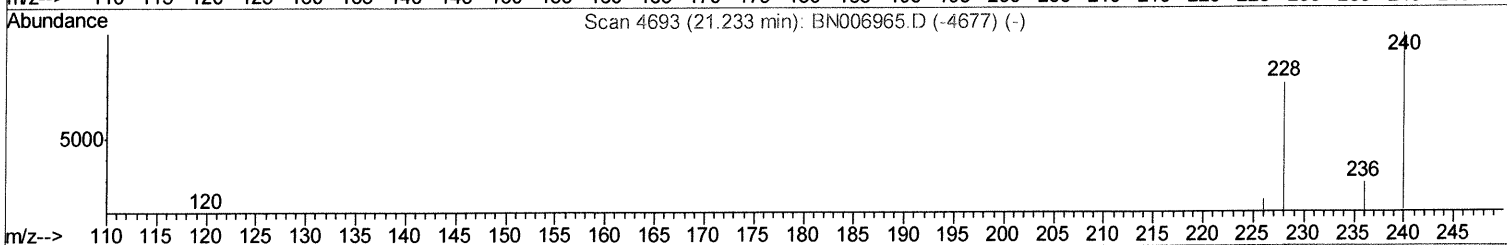
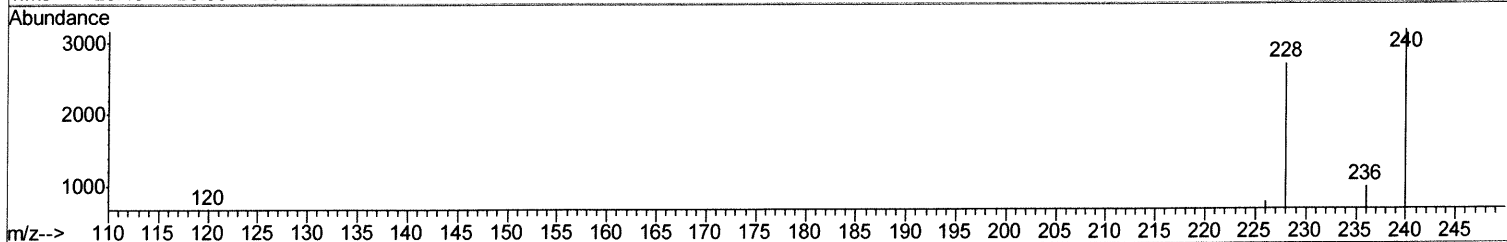
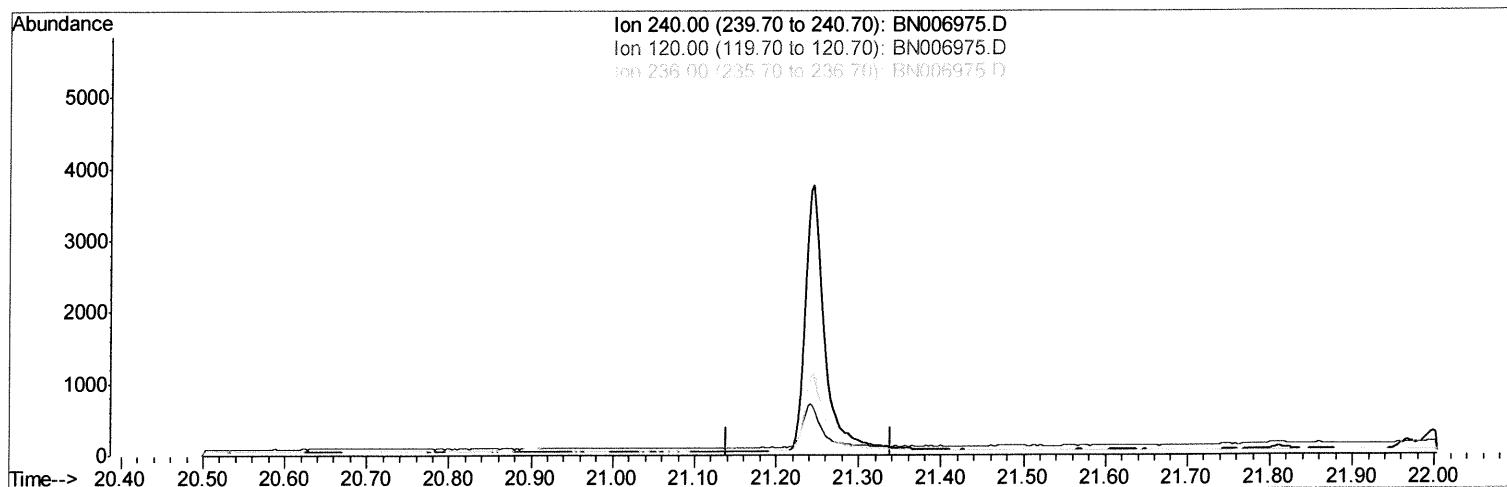
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(16) Chrysene-d12 (I)

21.239min (-21.239) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

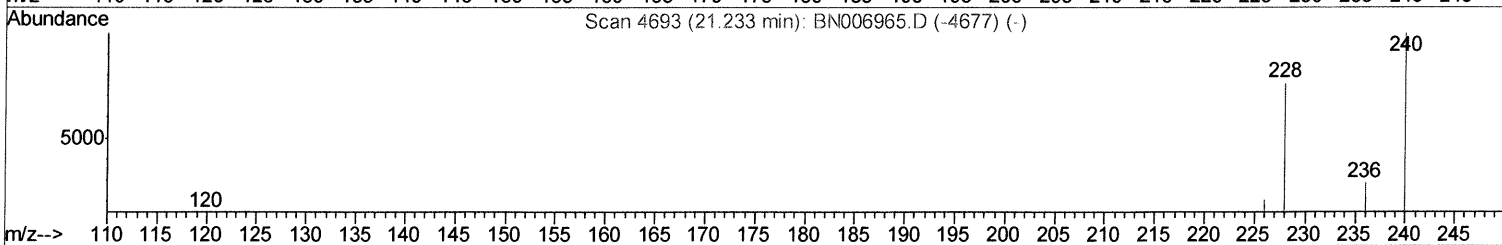
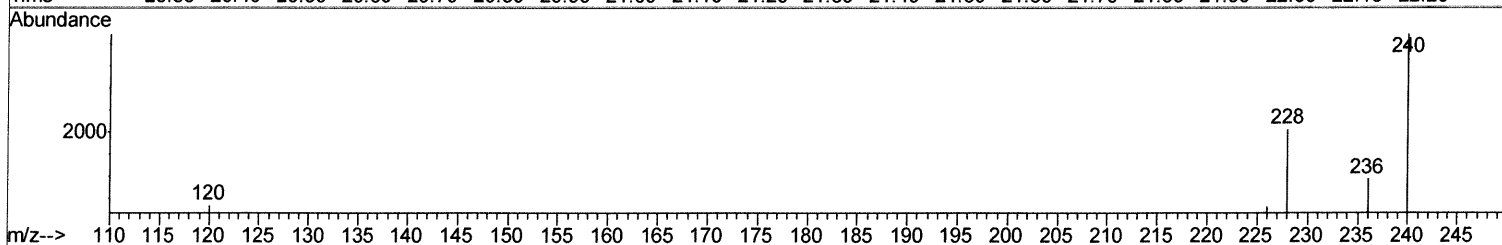
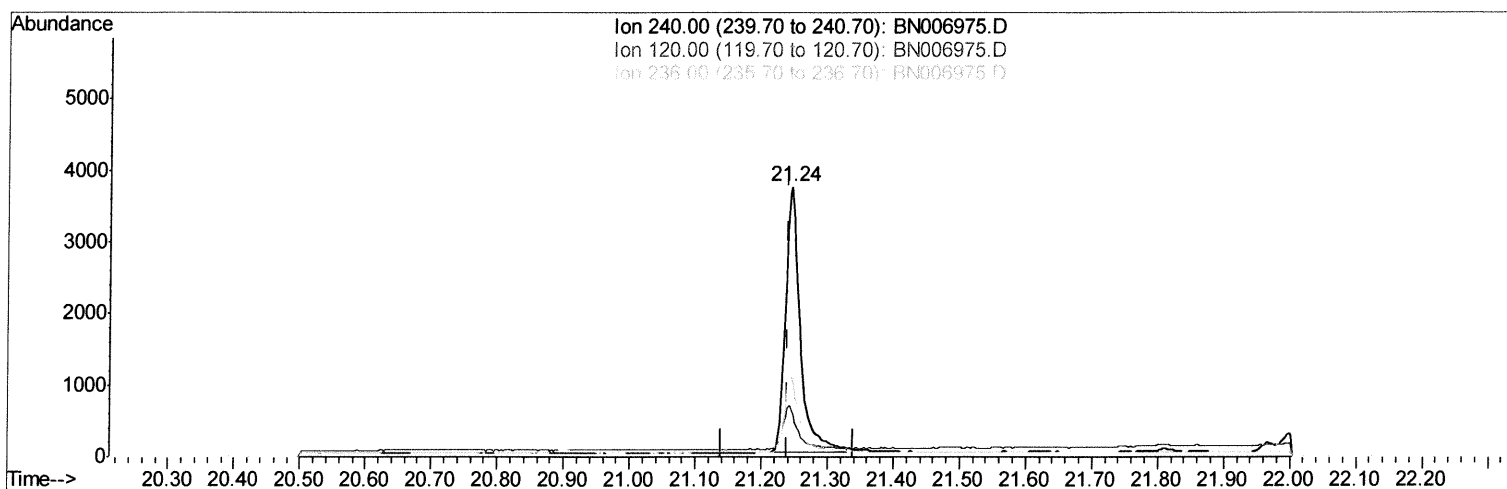
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A52G4

Manual Integrations
APPROVED

mohammad
7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



TIC: BN006975.D

(16) Chrysene-d12 (I)

21.245min (+0.006) 0.40ng/ul m

JU
07/25/19

response 5838

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.60
236.00	30.00	30.45
0.00	0.00	0.00

Quantitation Report (Qedit)

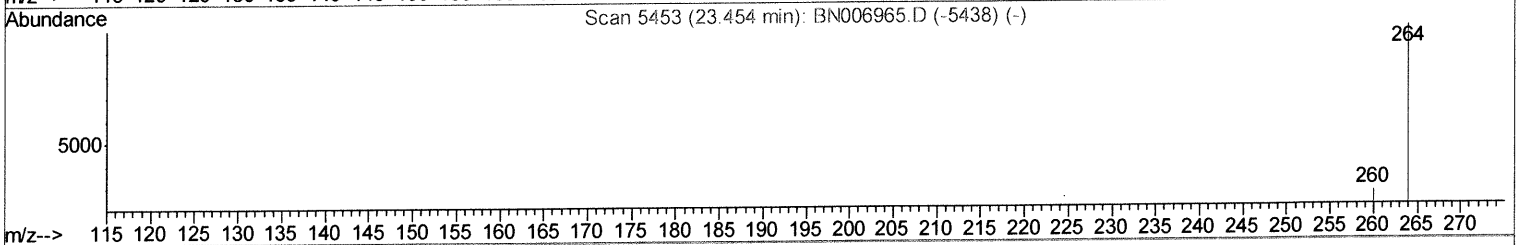
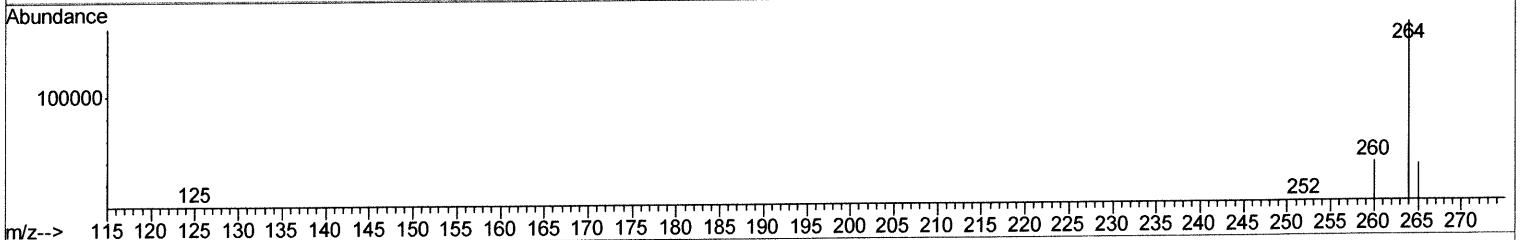
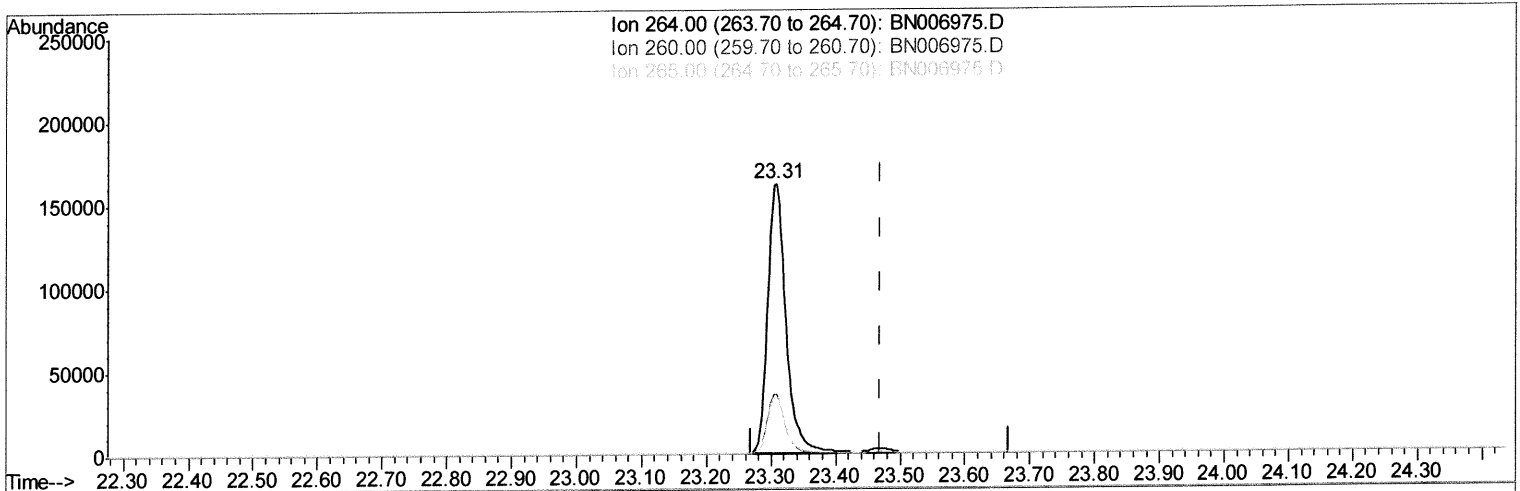
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A52G4

Manual Integrations
APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:55:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(20) Perylene-d12 (I)
 23.308min (-0.161) 0.40ng/ul
 response 311911

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.16#
265.00	36.10	21.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

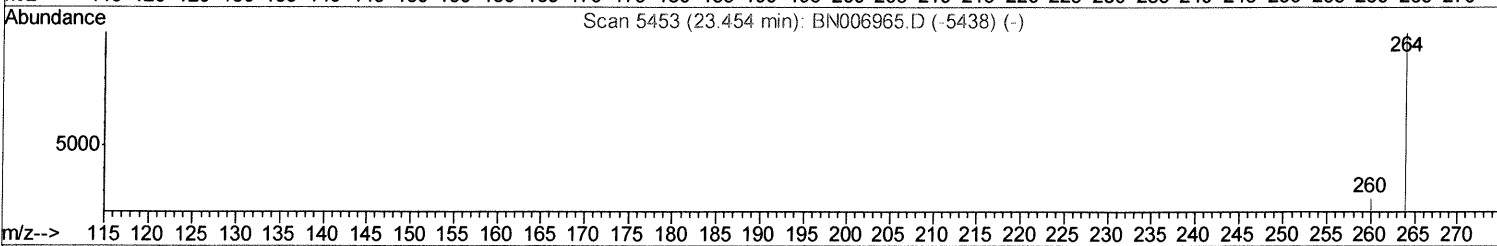
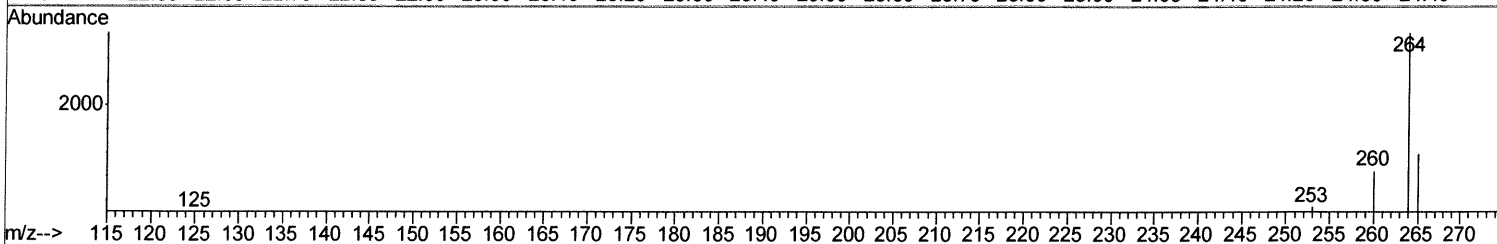
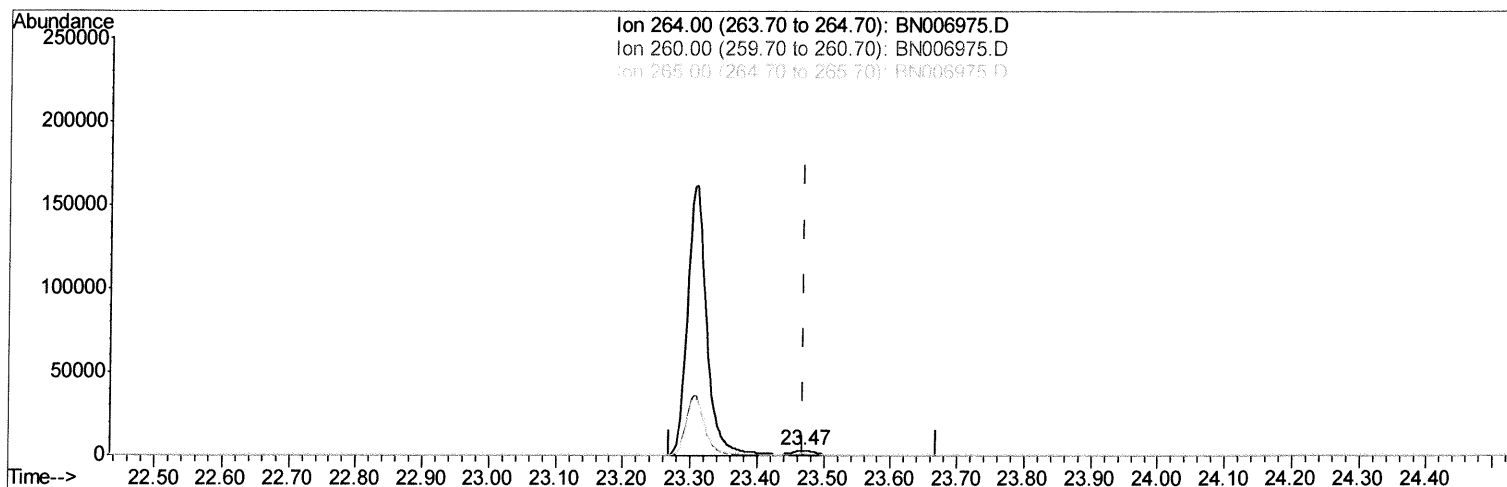
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:55:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
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TIC: BN006975.D

(20) Perylene-d12 (I)

23.469min (-0.000) 0.40ng/ul m

JU
 07/25/19

response 5074

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	27.64
265.00	36.10	36.33
0.00	0.00	0.00

Quantitation Report (Qedit)

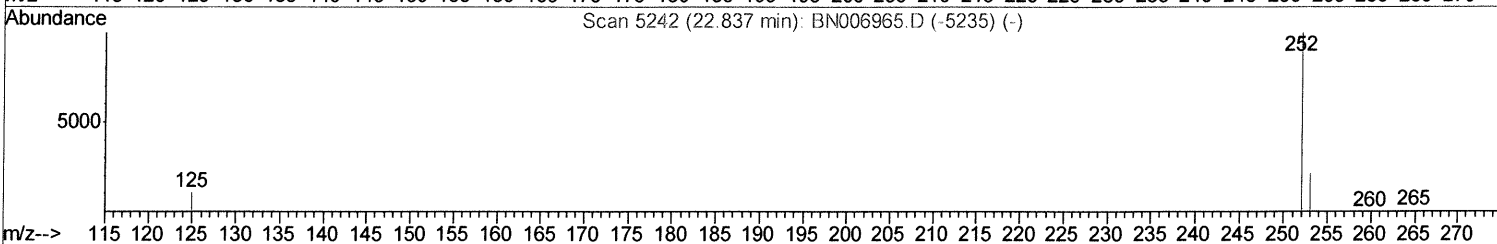
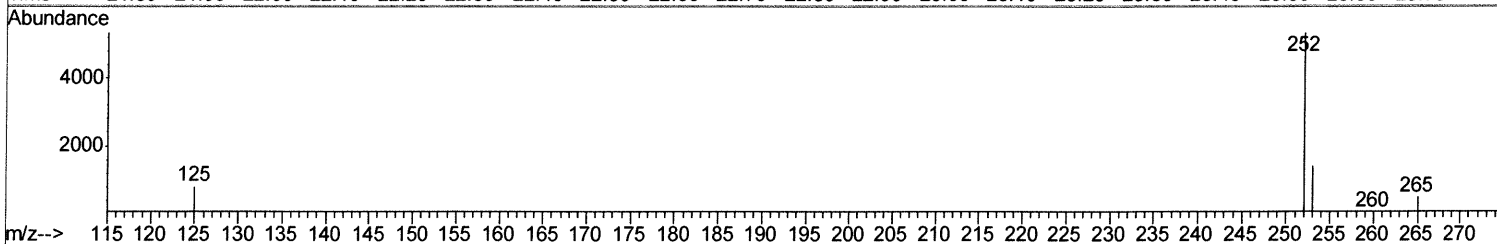
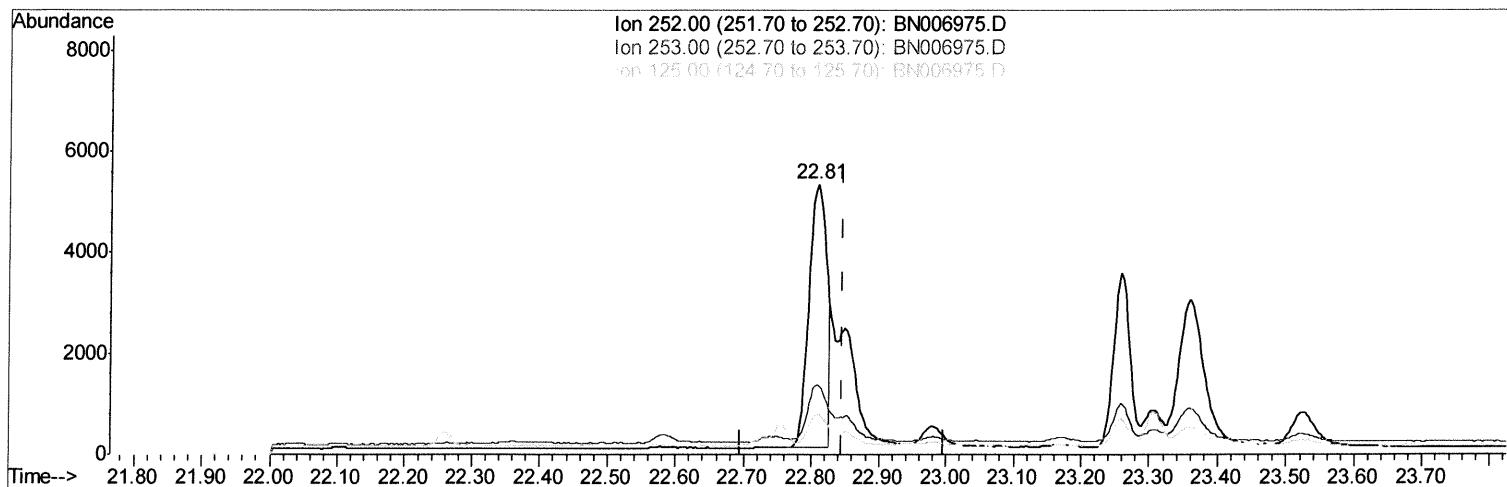
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(22) Benzo(k)fluoranthene
 22.808min (-0.038) 0.44ng/ul
 response 9499

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	25.93
125.00	13.80	14.92
0.00	0.00	0.00

Quantitation Report (Qedit)

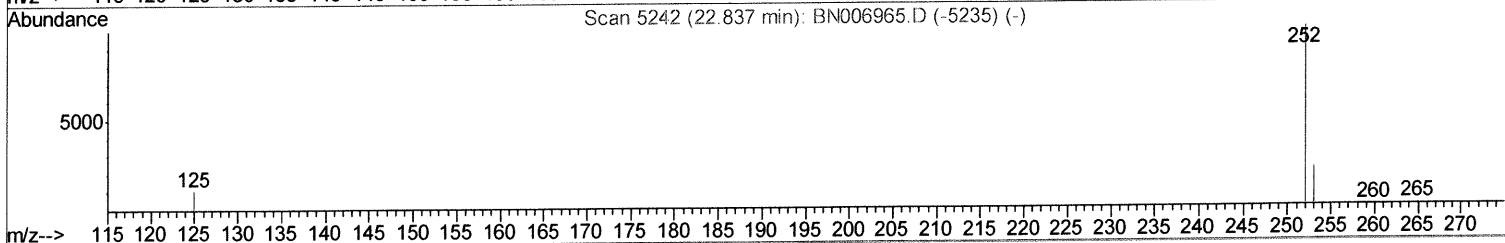
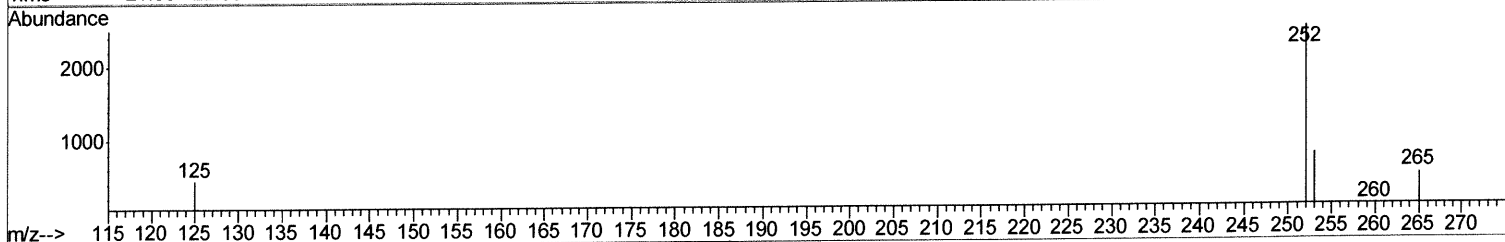
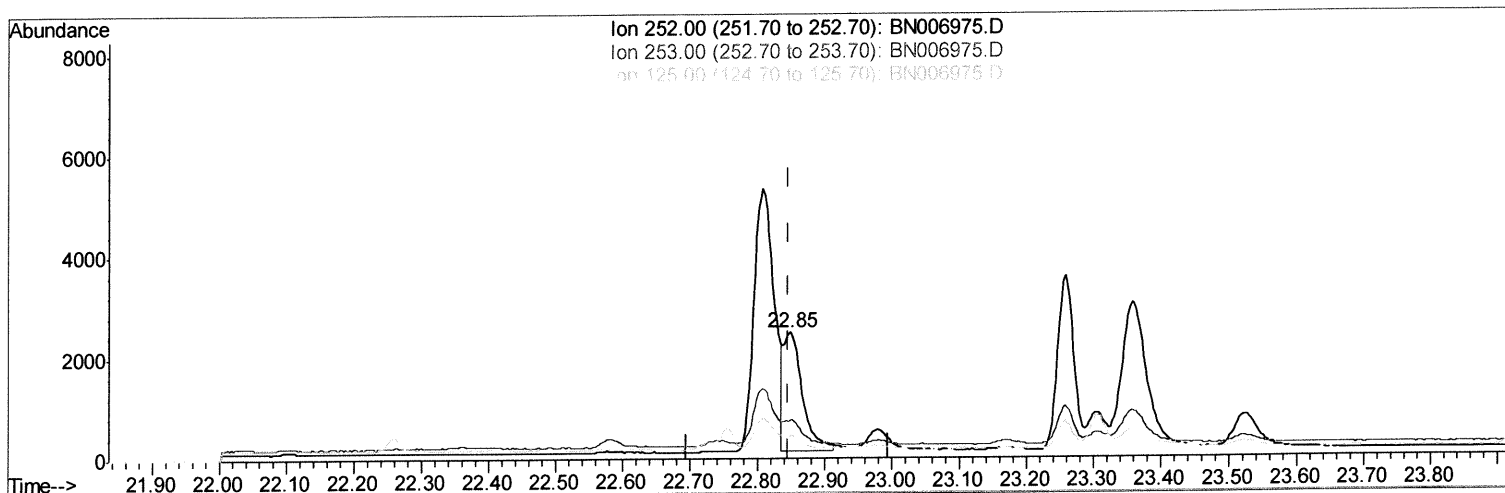
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.849min (+0.003) 0.22ng/ul m

response 4796

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	30.73#
125.00	13.80	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

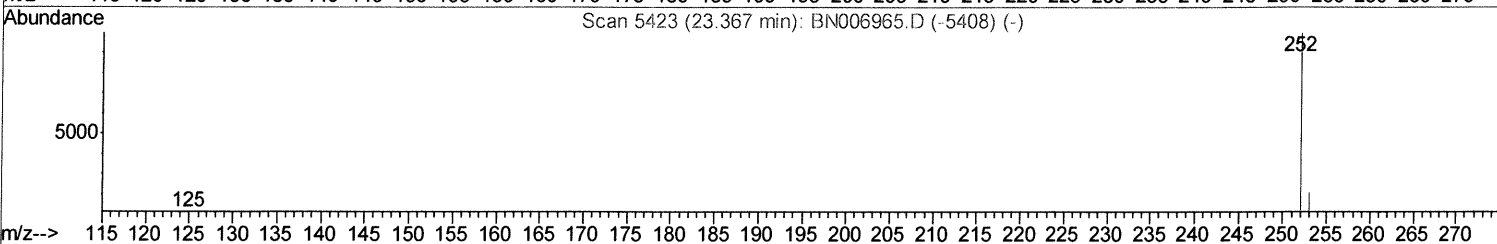
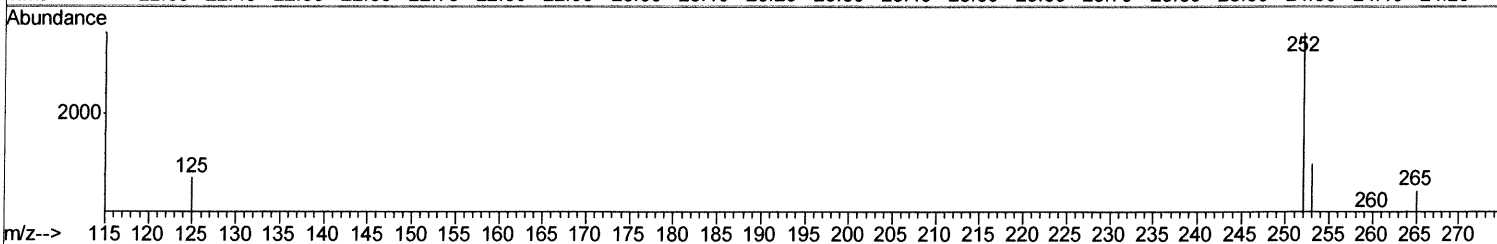
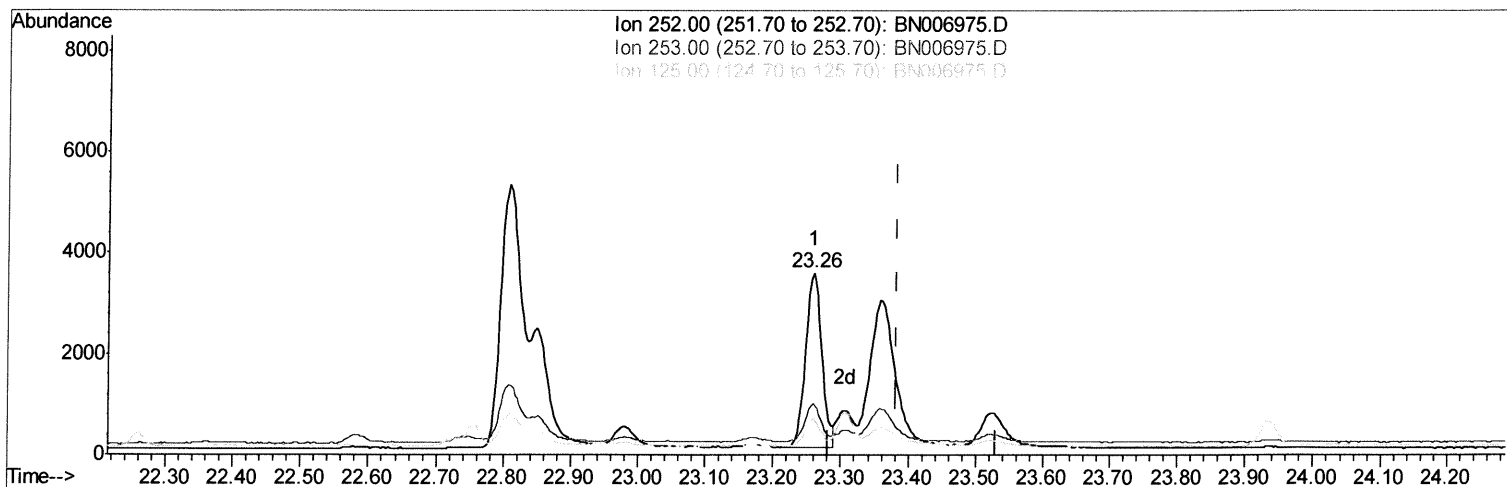
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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TIC: BN006975.D

(23) Benzo(a)pyrene (C)

23.258min (-0.123) 0.28ng/ul

response 5803

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	28.07
125.00	15.80	20.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

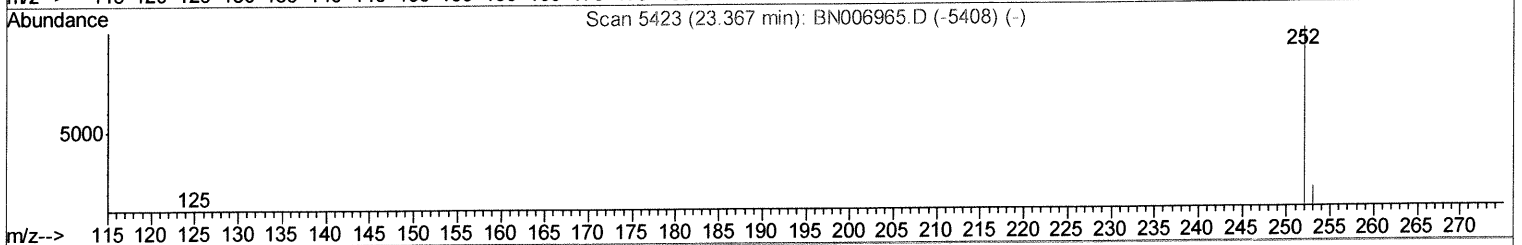
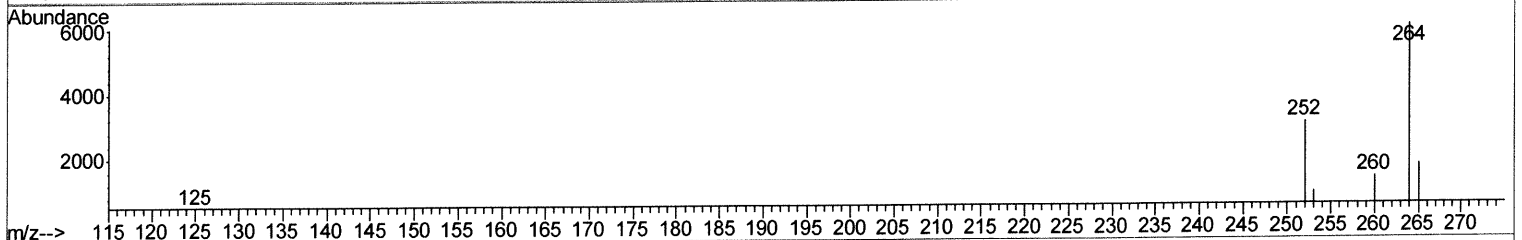
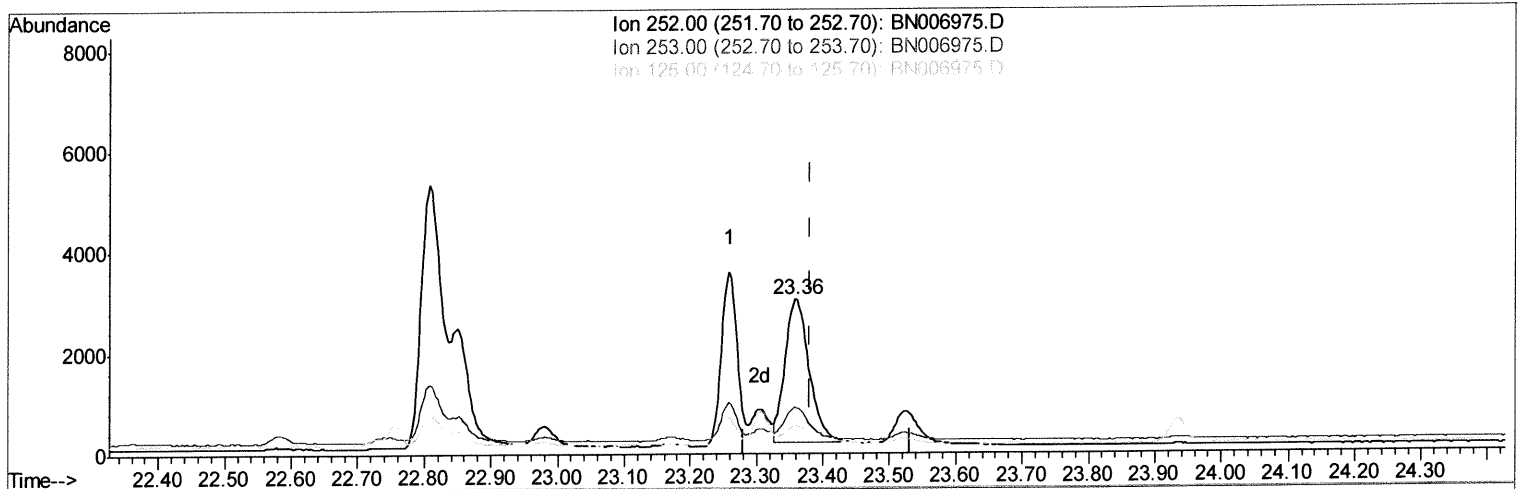
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
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Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 Response via : Initial Calibration



TIC: BN006975.D

(23) Benzo(a)pyrene (C)

23.358min (-0.023) 0.35ng/ul m

JU
 07/25/19

response 7176

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	30.05#
125.00	15.80	17.60
0.00	0.00	0.00

Quantitation Report (Qedit)

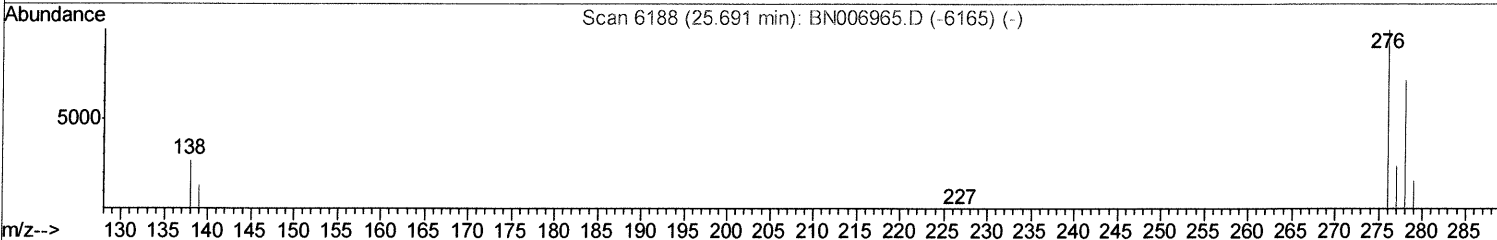
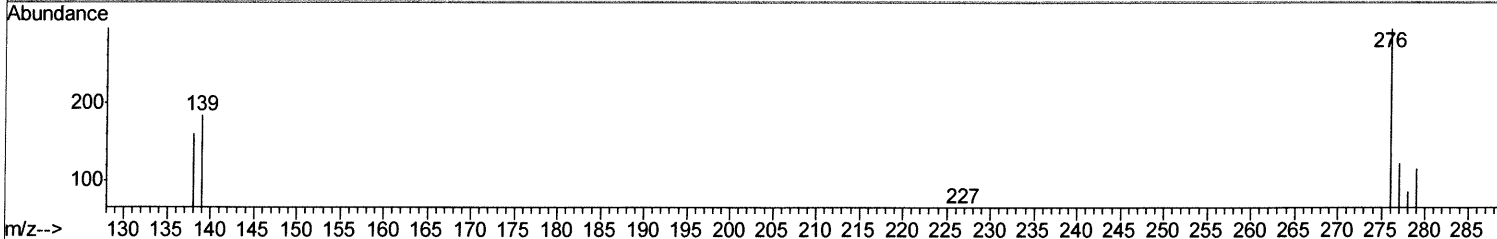
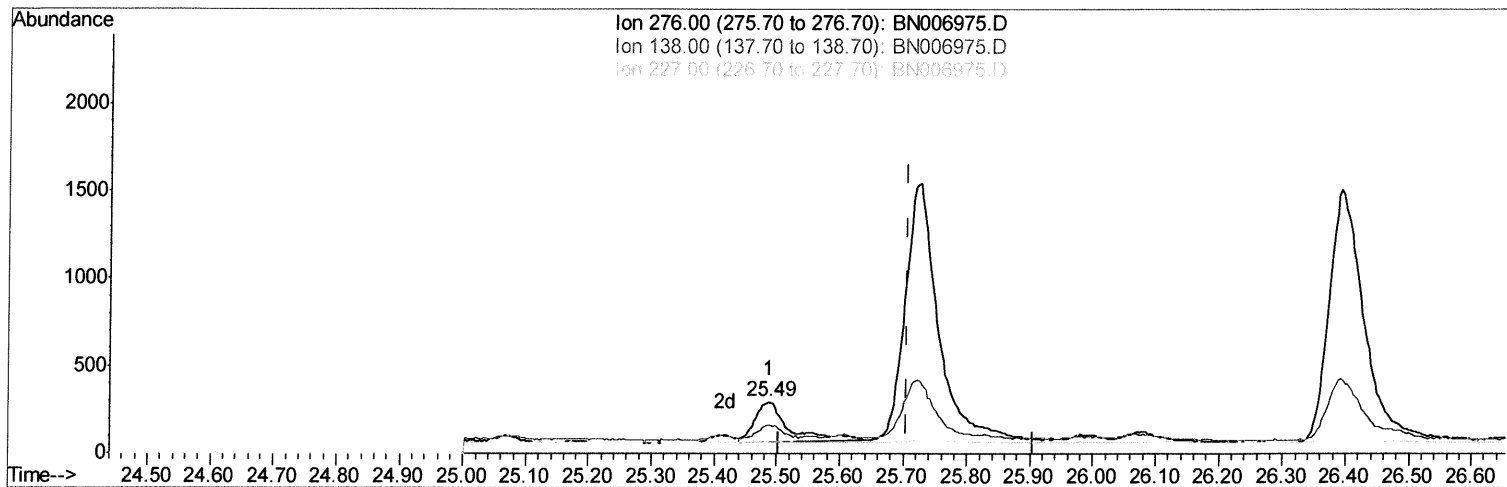
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A52G4

Manual Integrations
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Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 Response via : Initial Calibration



TIC: BN006975.D

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

25.487min (-0.218) 0.04ng/ul

response 864

Ion	Exp%	Act%
276.00	100	100
138.00	30.40	25.23
227.00	0.30	0.35
0.00	0.00	0.00

Quantitation Report (Qedit)

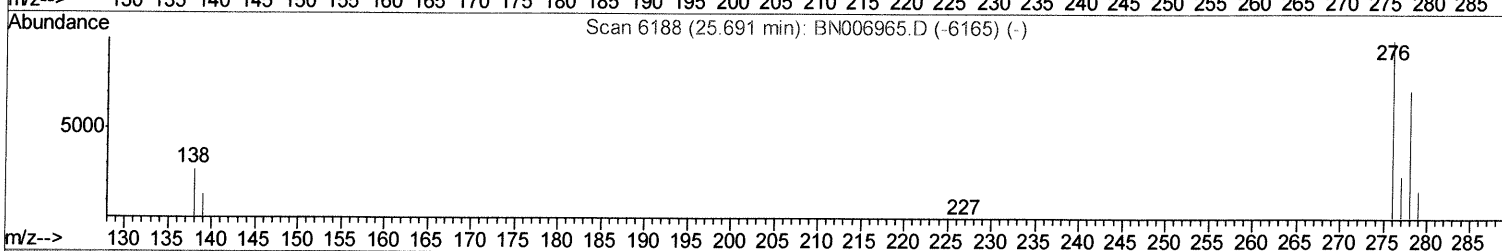
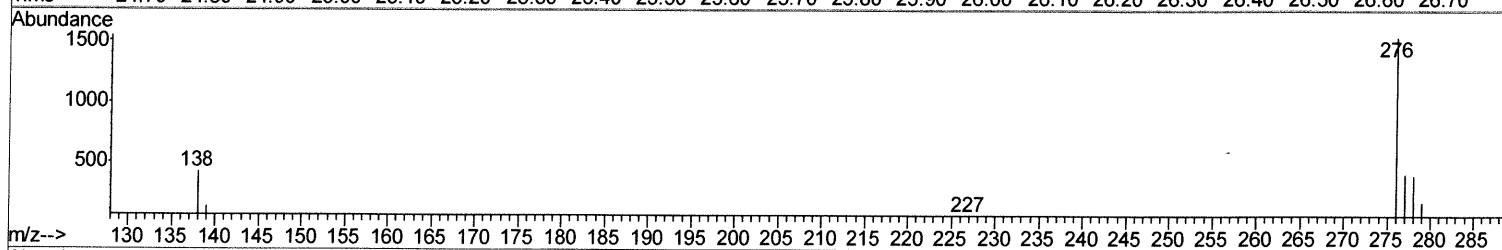
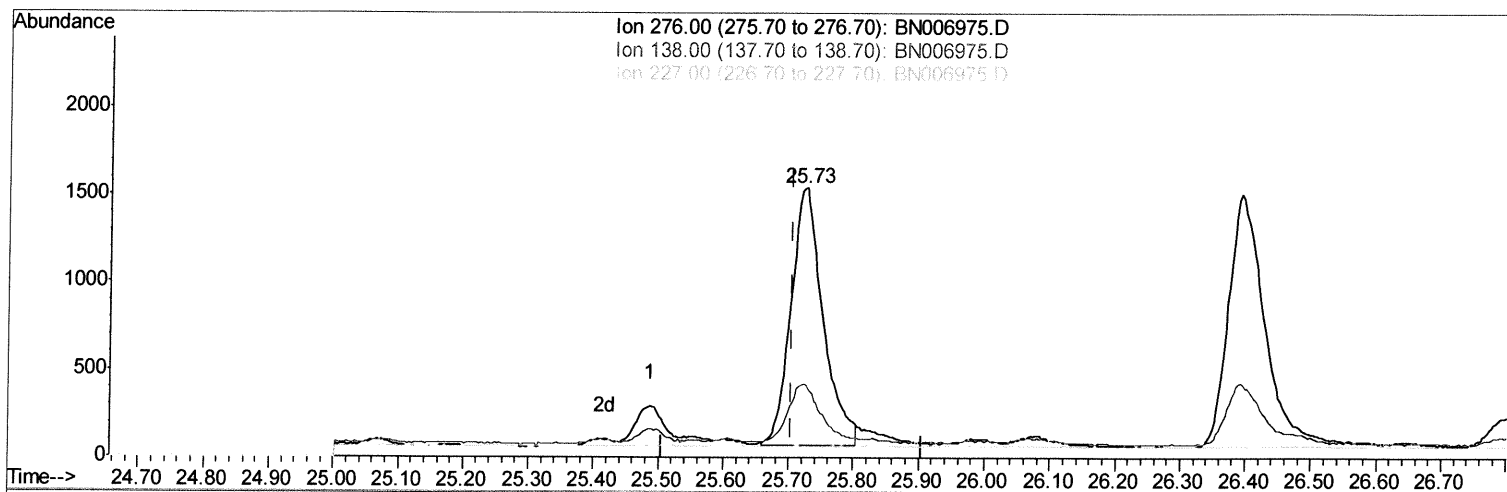
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A52G4

Manual Integrations
APPROVED

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7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



TIC: BN006975.D

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

25.725min (+0.020) 0.24ng/ul m *JU 07/25/19*

response 5029

Ion	Exp%	Act%
276.00	100	100
138.00	30.40	4.33#
227.00	0.30	0.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

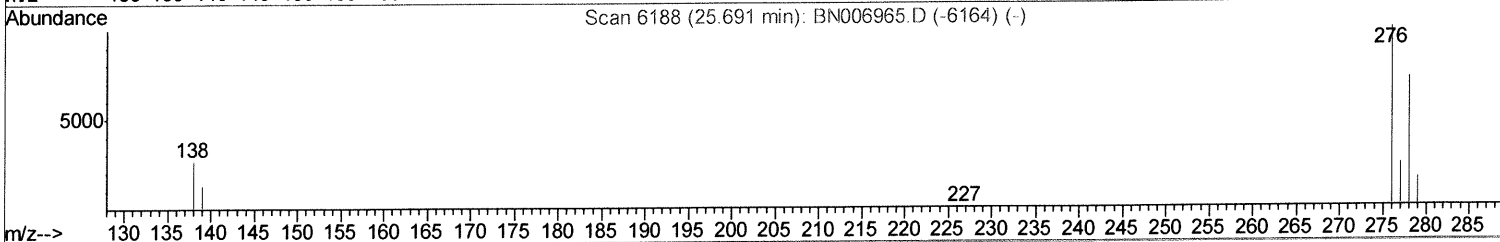
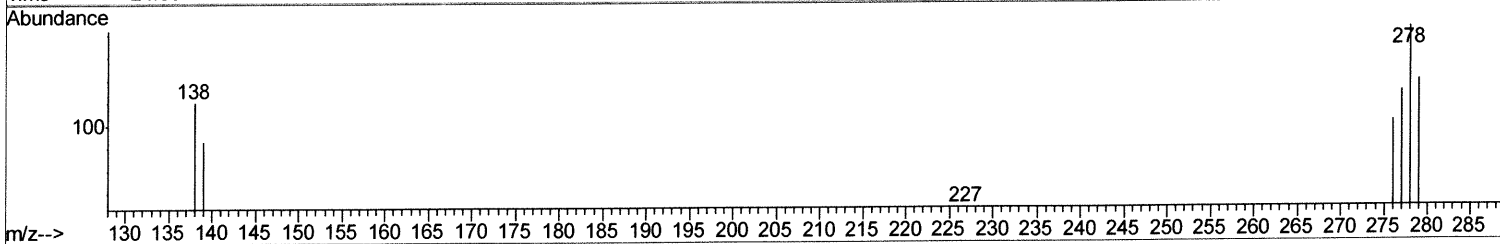
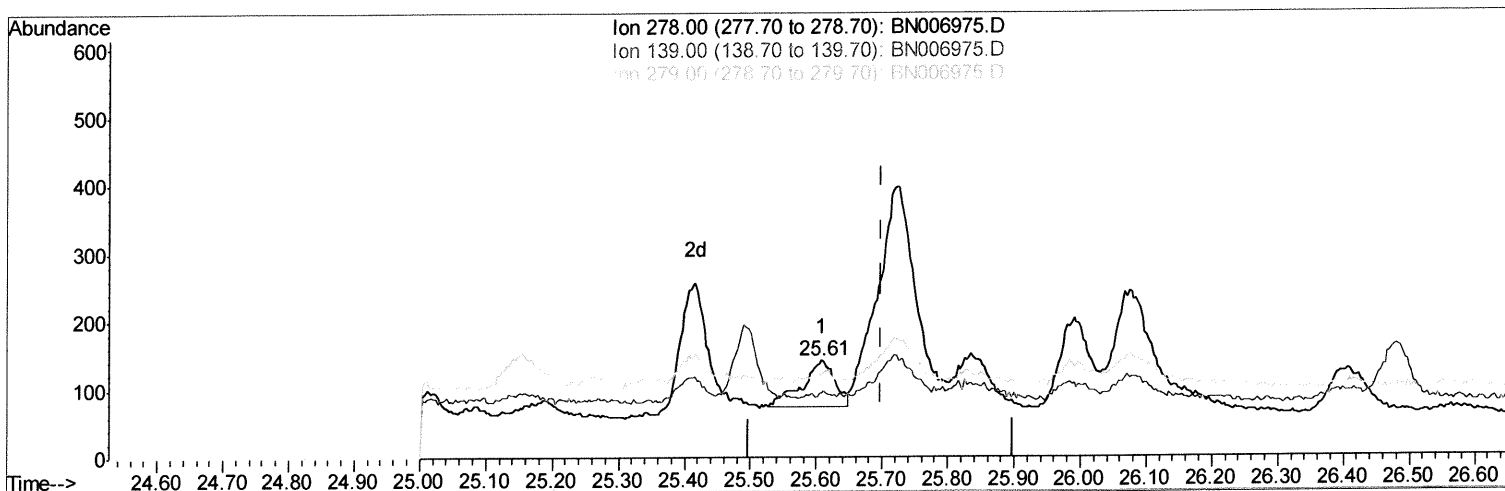
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
Data File : BN006975.D
Acq On : 24 Jul 2019 12:52
Operator : HP/JU
Sample : K3764-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52G4

Manual Integrations
APPROVED

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7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration



TIC: BN006975.D

(25) Dibenzo(a,h)anthracene

25.608min (-0.091) 0.01ng/ul

response 239

Ion	Exp%	Act%
278.00	100	100
139.00	22.60	65.49#
279.00	24.70	83.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

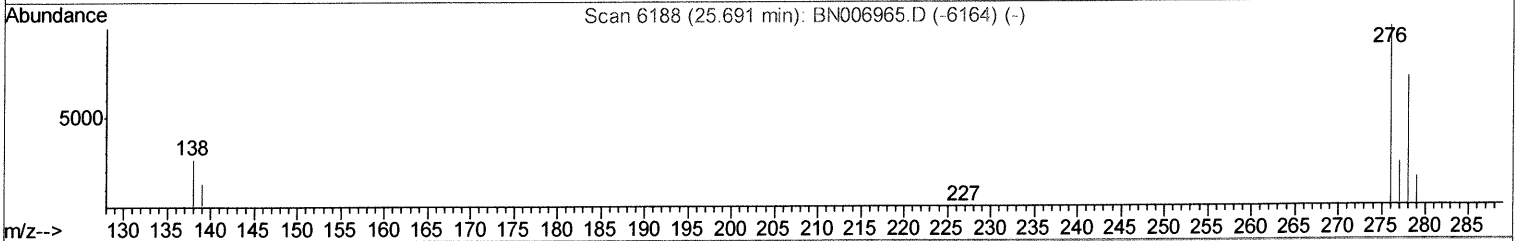
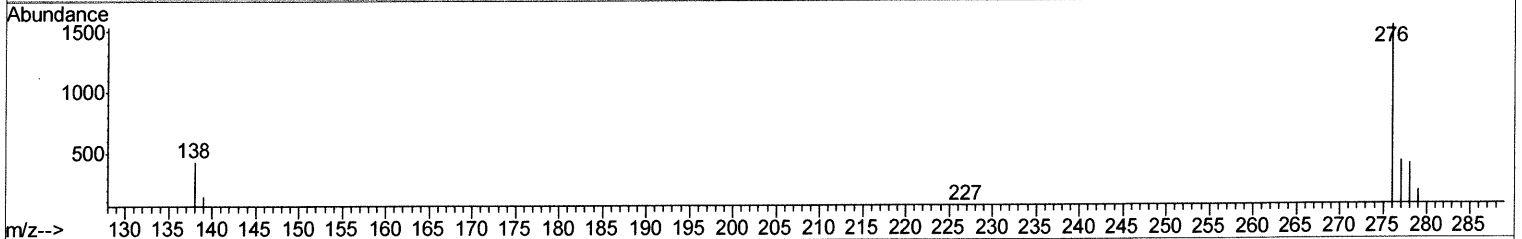
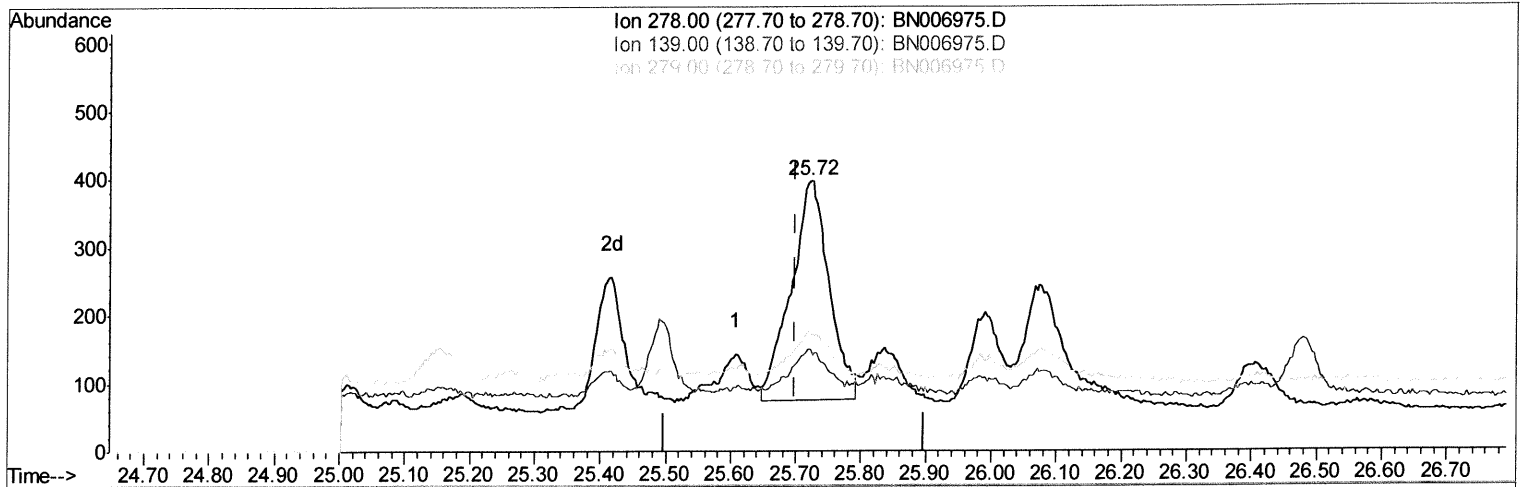
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

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Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(25) Dibenzo(a,h)anthracene

25.722min (+0.023) 0.08ng/ul m

JU
 07/25/19

response 1314

Ion	Exp%	Act%
278.00	100	100
139.00	22.60	37.53#
279.00	24.70	43.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

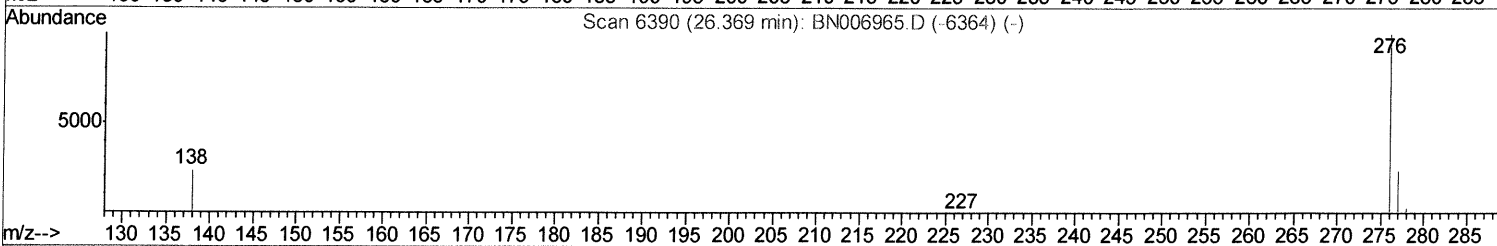
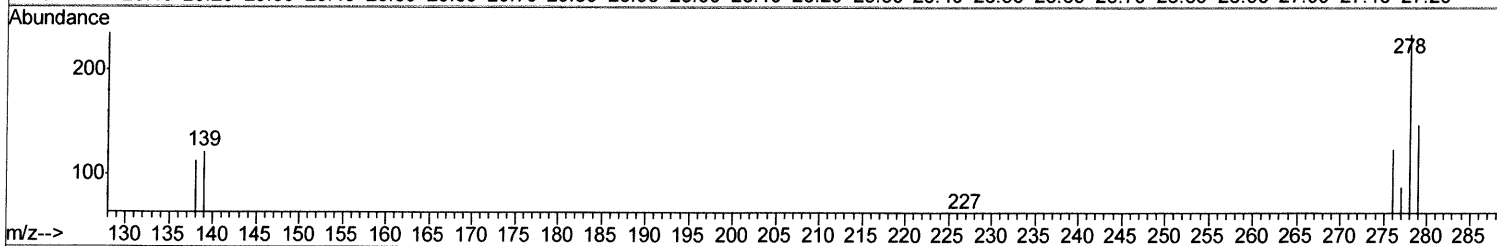
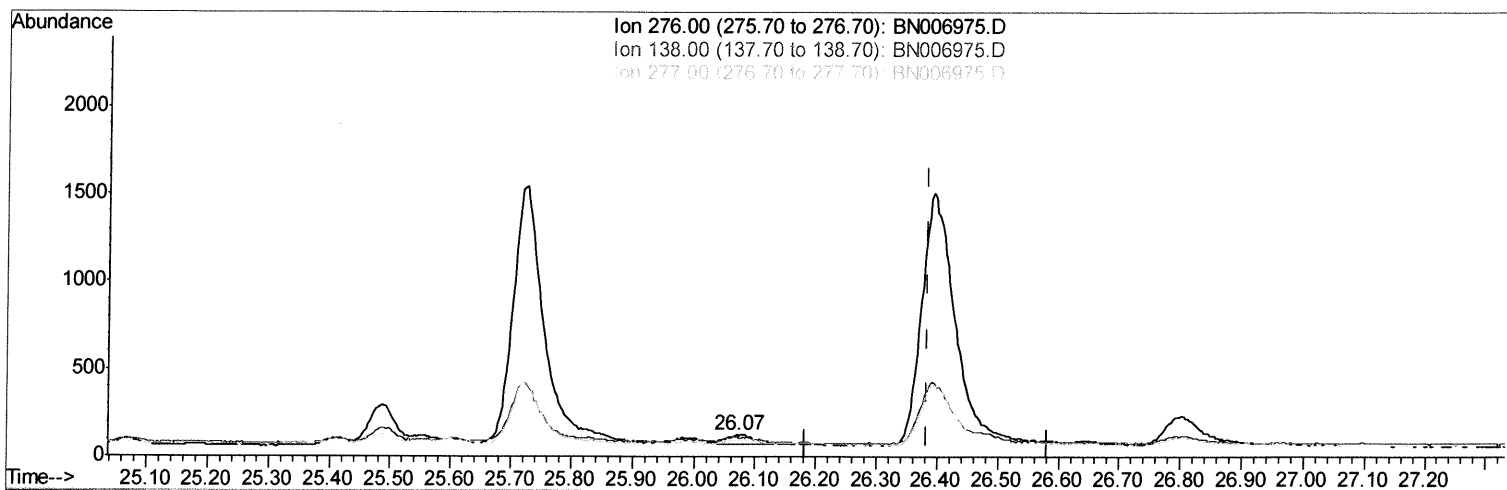
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

(26) Benzo(g,h,i)perylene
 26.070min (-0.312) 0.01ng/ul
 response 184

Ion	Exp%	Act%
276.00	100	100
138.00	27.70	90.32#
277.00	24.40	70.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

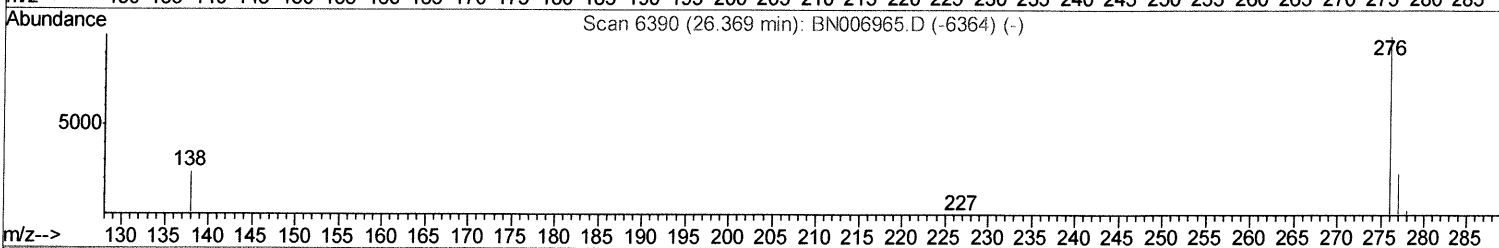
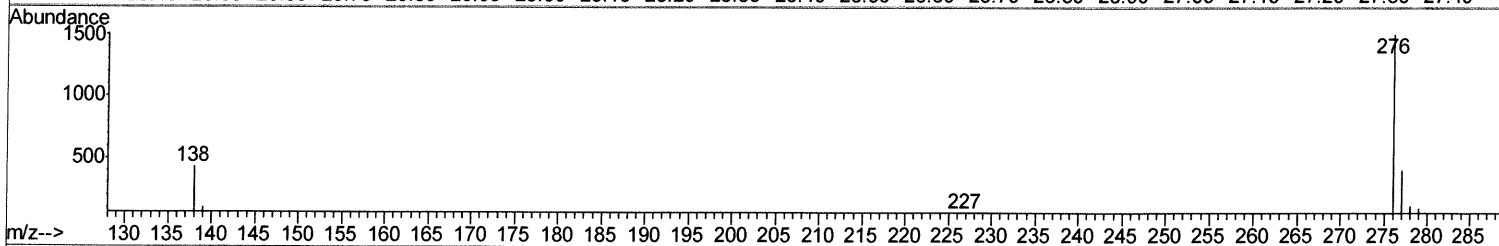
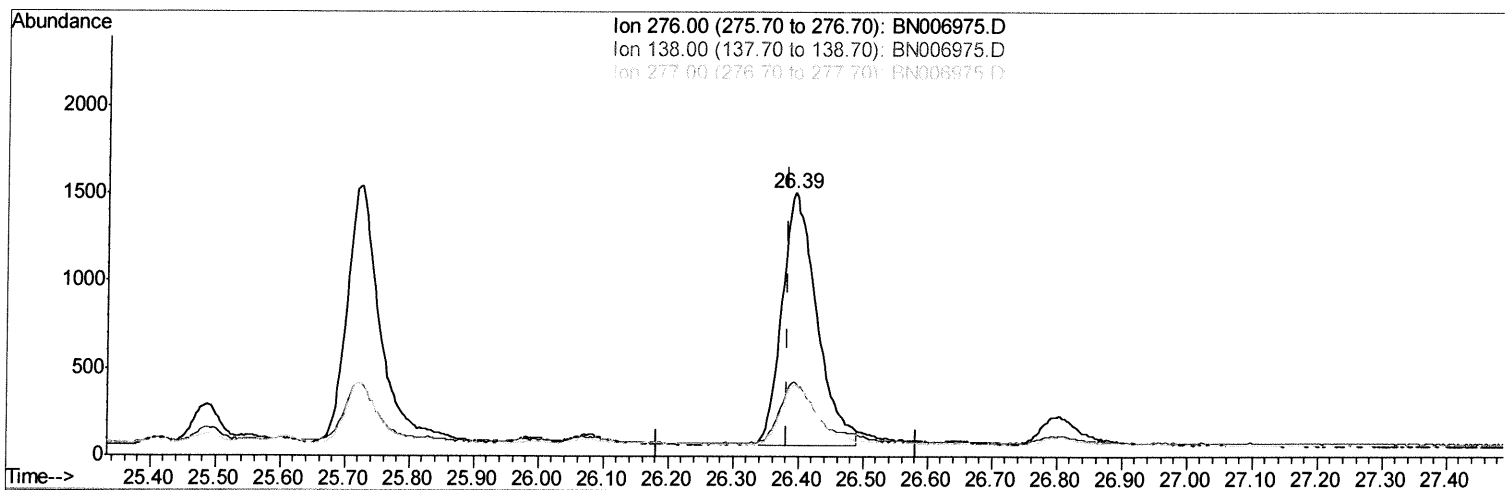
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
 APPROVED

mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration



TIC: BN006975.D

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

26.392min (+0.010) 0.32ng/ul m

JU
 6/25/19

response 5432

Ion	Exp%	Act%
276.00	100	100
138.00	27.70	28.27
277.00	24.40	26.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072419\
 Data File : BN006975.D
 Acq On : 24 Jul 2019 12:52
 Operator : HP/JU
 Sample : K3764-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G4

Manual Integrations
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mohammad
 7/25/2019 5:17:04 PM

Quant Time: Jul 24 13:58:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2026	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	7150	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	3544	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7422m >	0.40	ng/ul	→ 0.00
16) Chrysene-d12	21.24	240	5838m >	0.40	ng/ul	→ 0.00
20) Perylene-d12	23.47	264	5074m >	0.40	ng/ul	→ 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1228	0.11	ng/ul	0.04
14) Fluoranthene-d10	19.05	212	3791m >	0.17	ng/ul	→ 0.00
Target Compounds						
					Qvalue	
12) Phenanthrene	17.04	178	7643	0.320	ng/ul	99
13) Anthracene	17.14	178	871m >	0.042	ng/ul	→
15) Fluoranthene	19.08	202	20065m >	0.680	ng/ul	→
17) Pyrene	19.44	202	18530	0.695	ng/ul	98
18) Benzo(a)anthracene	21.23	228	6285	0.262	ng/ul	96
19) Chrysene	21.28	228	8295	0.310	ng/ul	96
21) Benzo(b)fluoranthene	22.81	252	10719	0.515	ng/ul	97
22) Benzo(k)fluoranthene	22.85	252	4796m >	0.220	ng/ul	→
23) Benzo(a)pyrene	23.36	252	7176m >	0.352	ng/ul	→
24) Indeno(1,2,3-cd)pyrene	25.73	276	5029m >	0.244	ng/ul	→
25) Dibenzo(a,h)anthracene	25.72	278	1314m >	0.080	ng/ul	→
26) Benzo(g,h,i)perylene	26.39	276	5432m >	0.315	ng/ul	→

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