

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

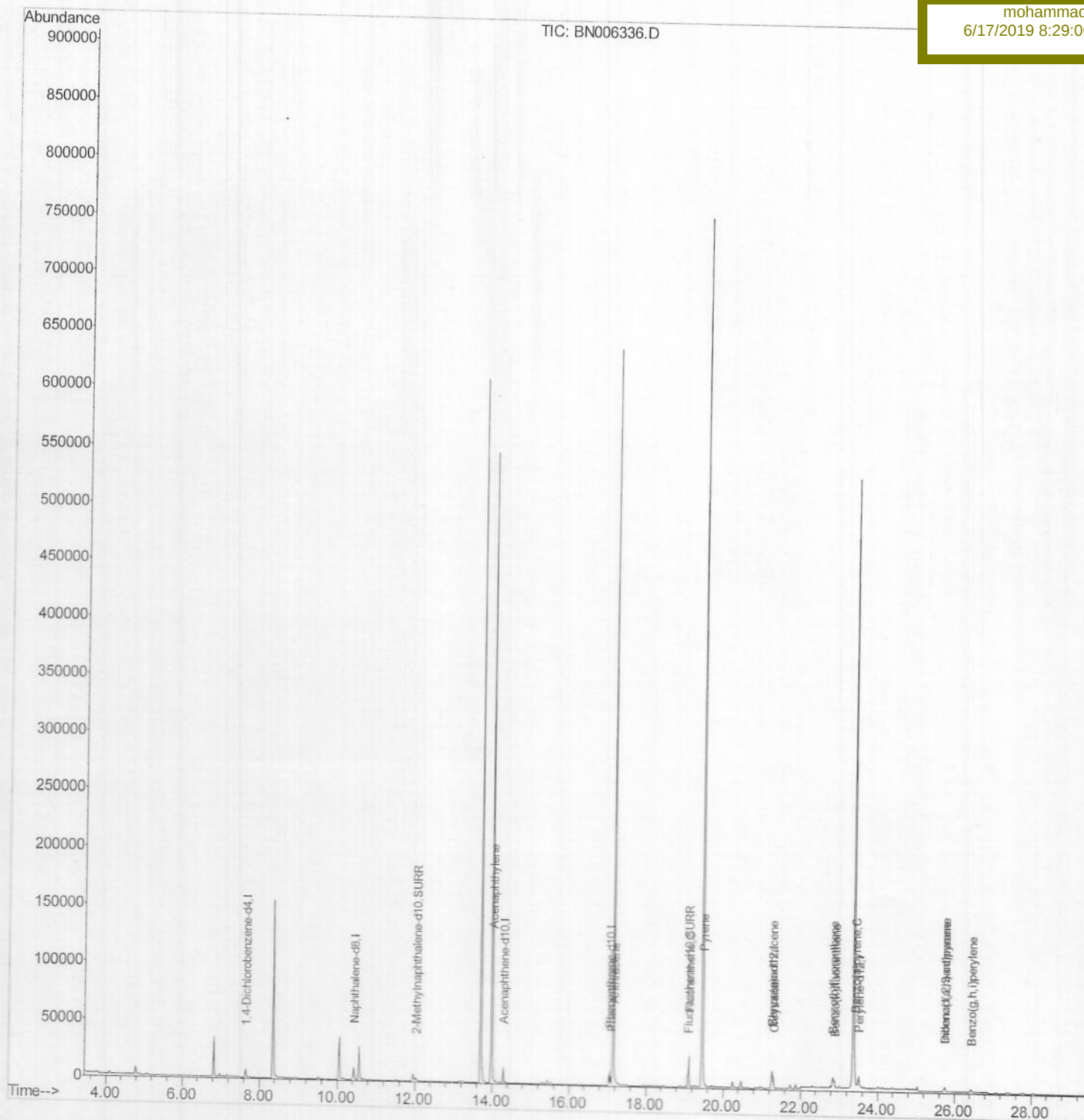
Quant Time: Jun 14 17:49:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample Id :

A4232

Manual Integrations
APPROVEDmohammad
6/17/2019 8:29:00 AM

SOM-EPA-SIM-BN053019.M Fri Jun 14 17:43:04 2019

Quantitation Report (Qedit)

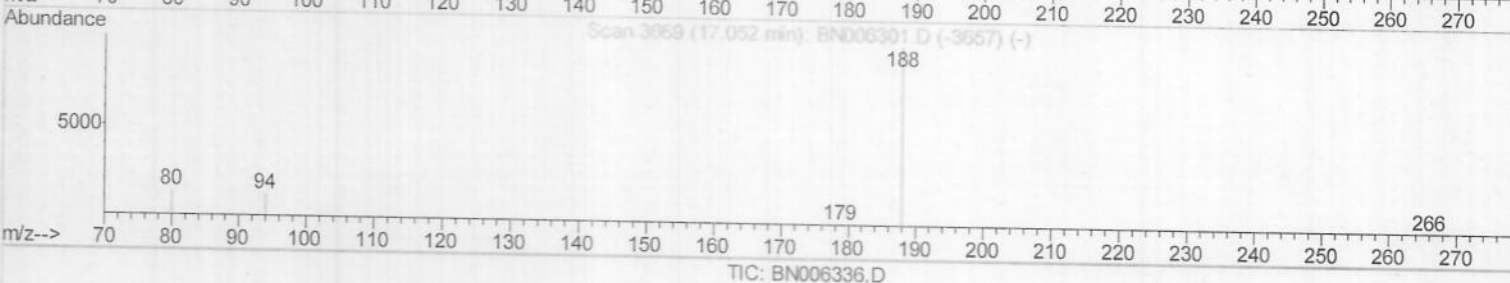
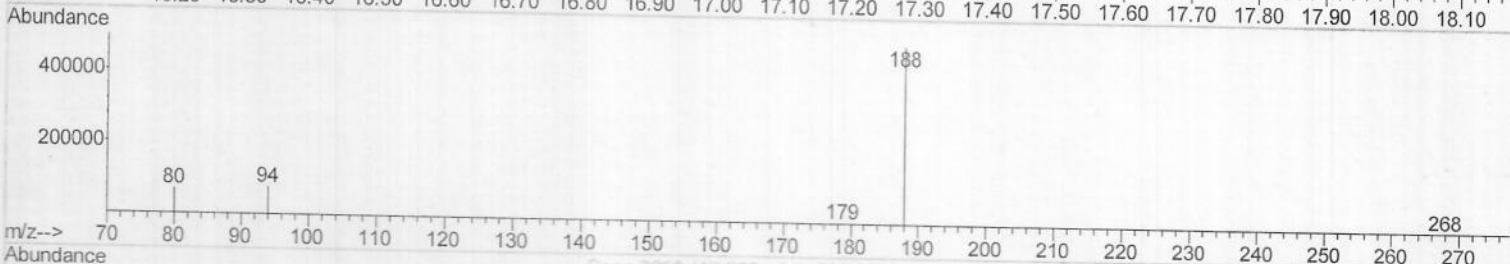
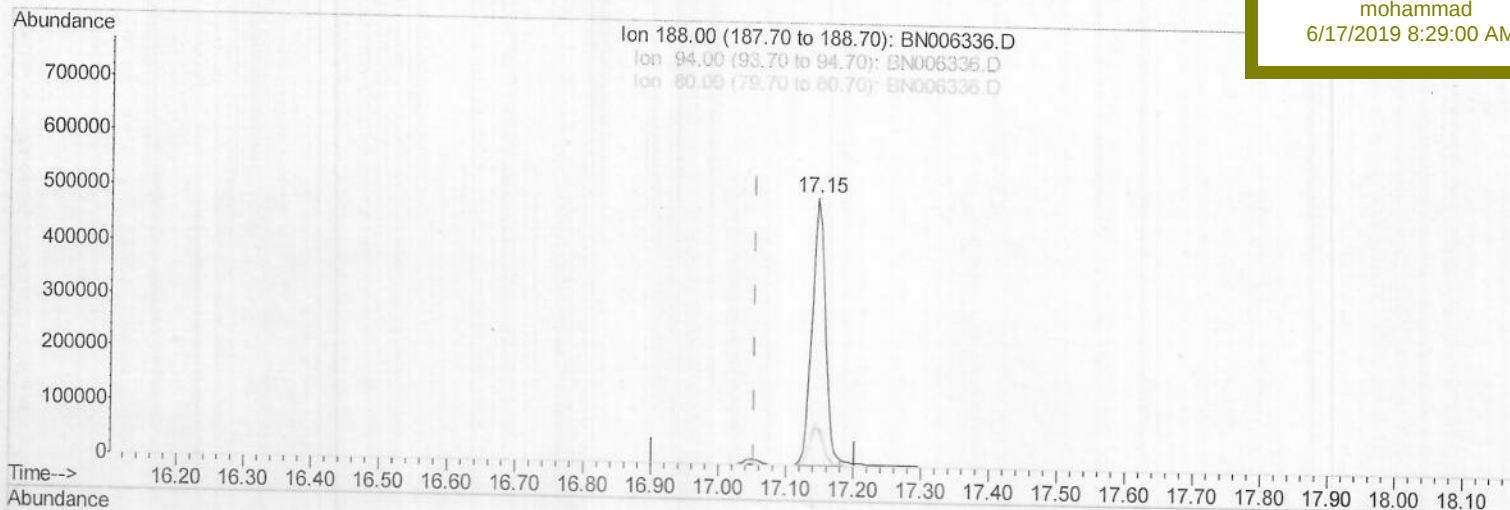
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampled :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(10) Phenanthrene-d10 (I)
 17.145min (+0.093) 0.40ng/ul
 response 680367

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.07
80.00	13.60	13.69
0.00	0.00	0.00

Quantitation Report (Qedit)

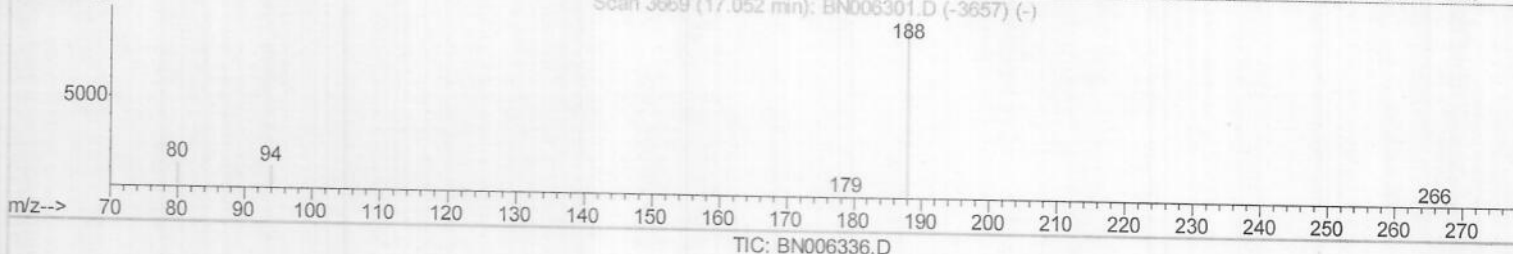
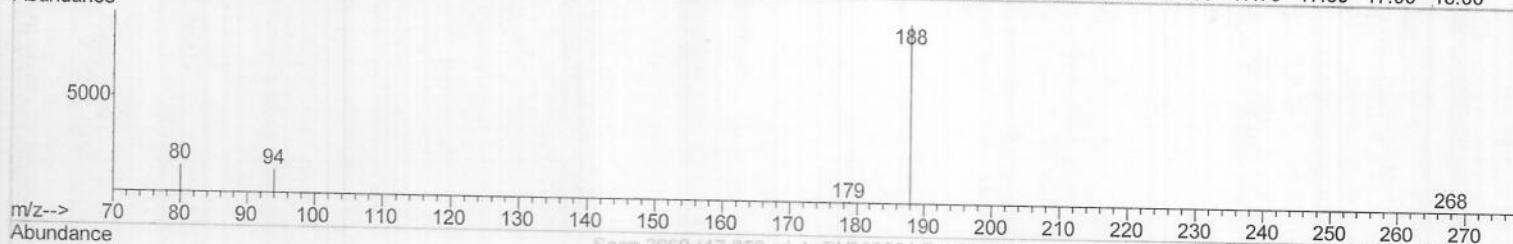
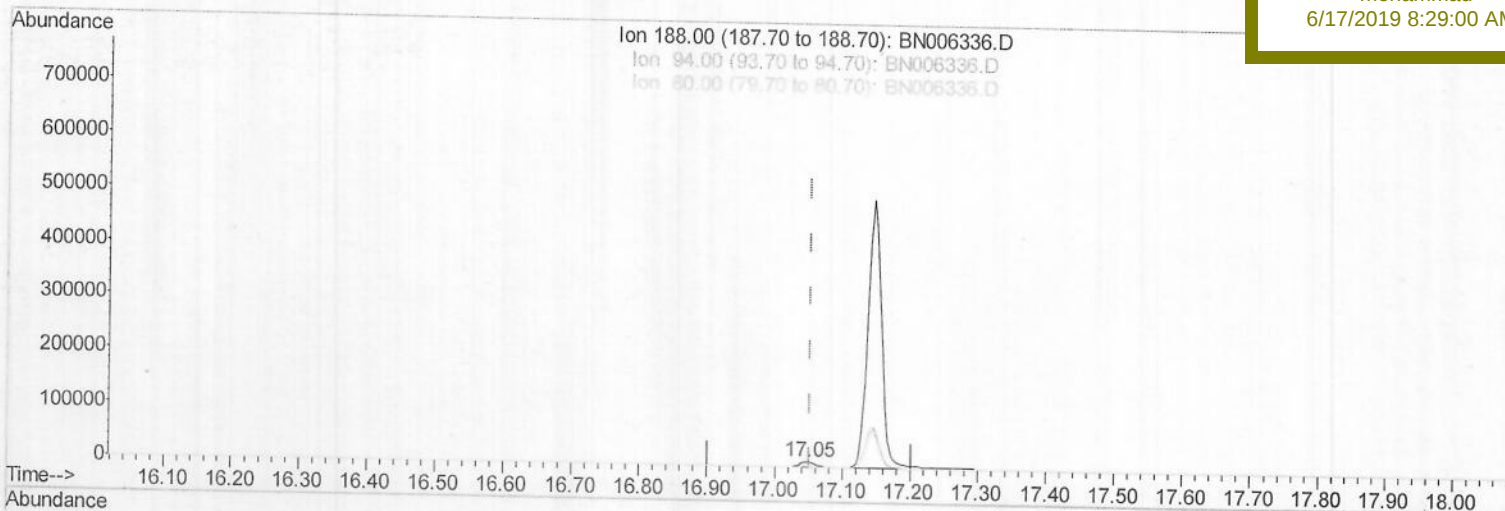
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m

response 13893

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.75
80.00	13.60	15.52
0.00	0.00	0.00

Quantitation Report (Qedit)

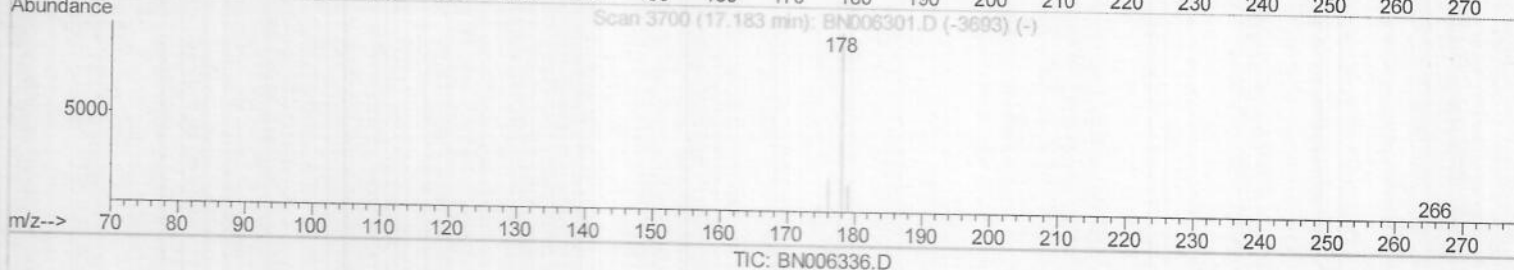
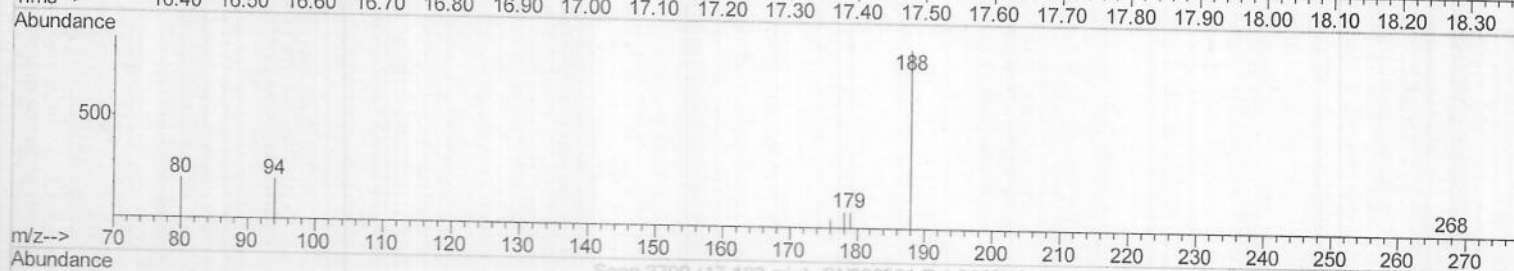
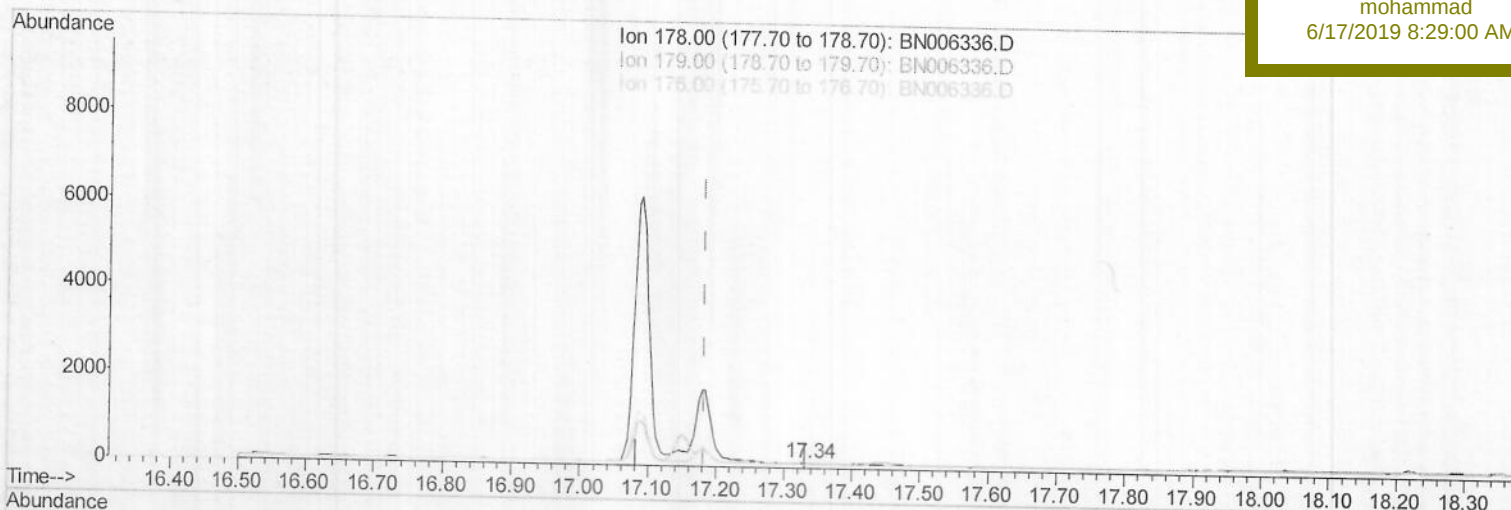
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(13) Anthracene

17.335min (+0.152) 0.00ng/ul

response 51

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	101.68#
176.00	18.90	72.27#
0.00	0.00	0.00

TIC: BN006336.D

Quantitation Report (Qedit)

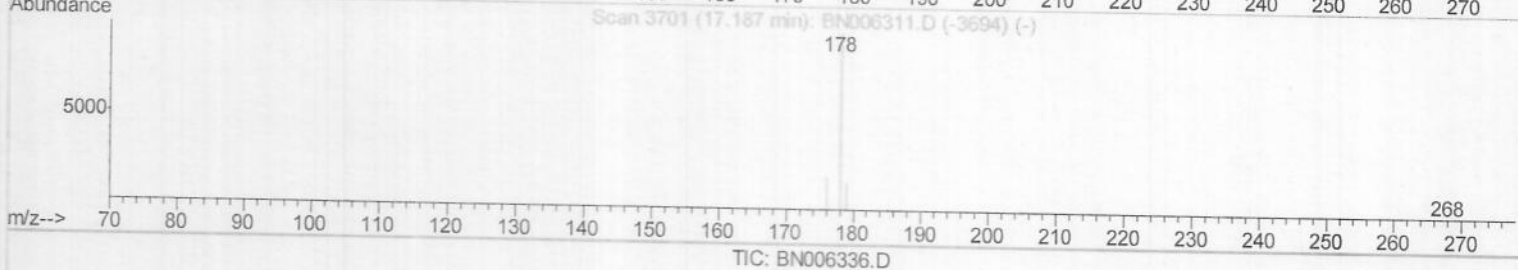
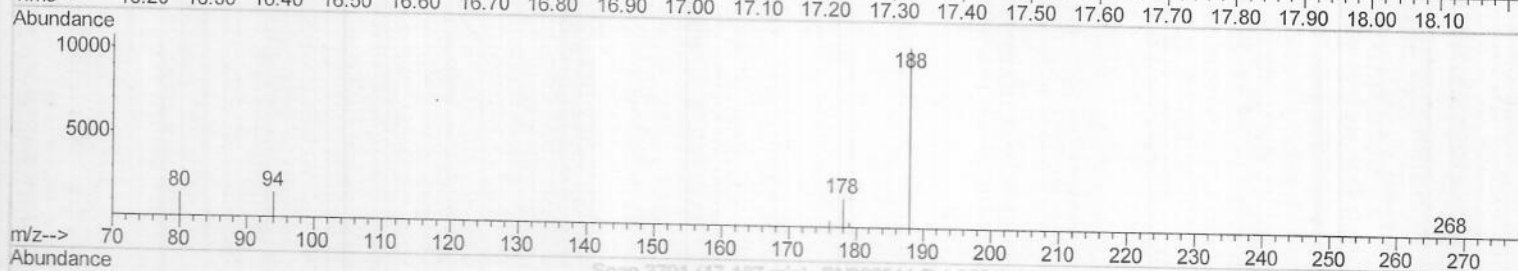
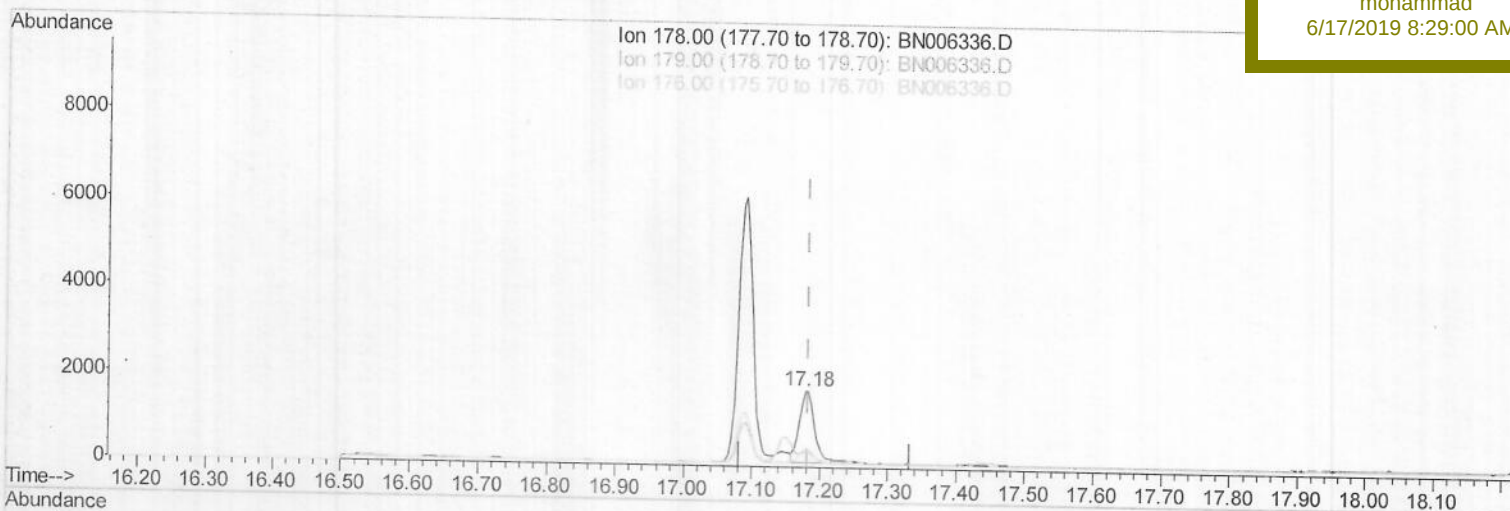
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(13) Anthracene

17.179min (-0.004) 0.06ng/ul m > JU06/20/19

response 2484

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.42#
176.00	18.90	23.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

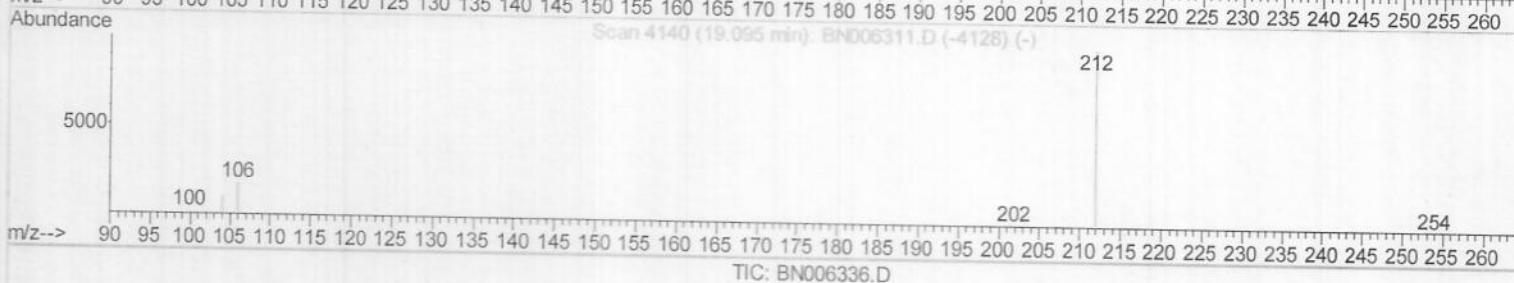
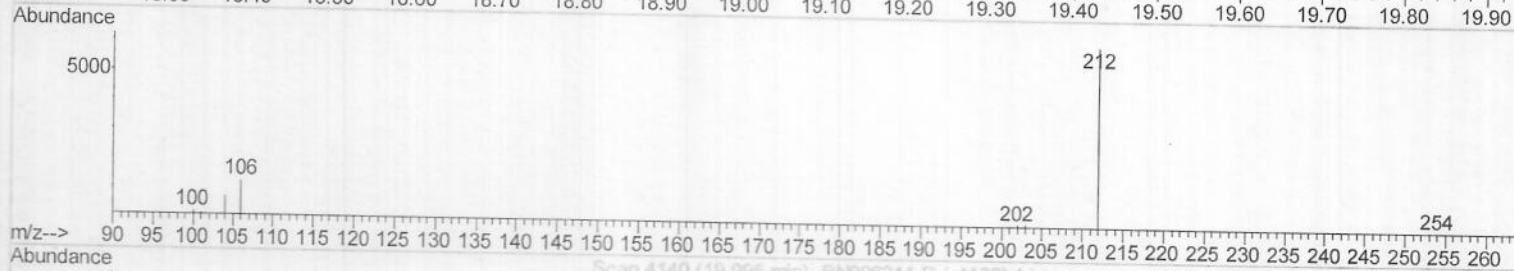
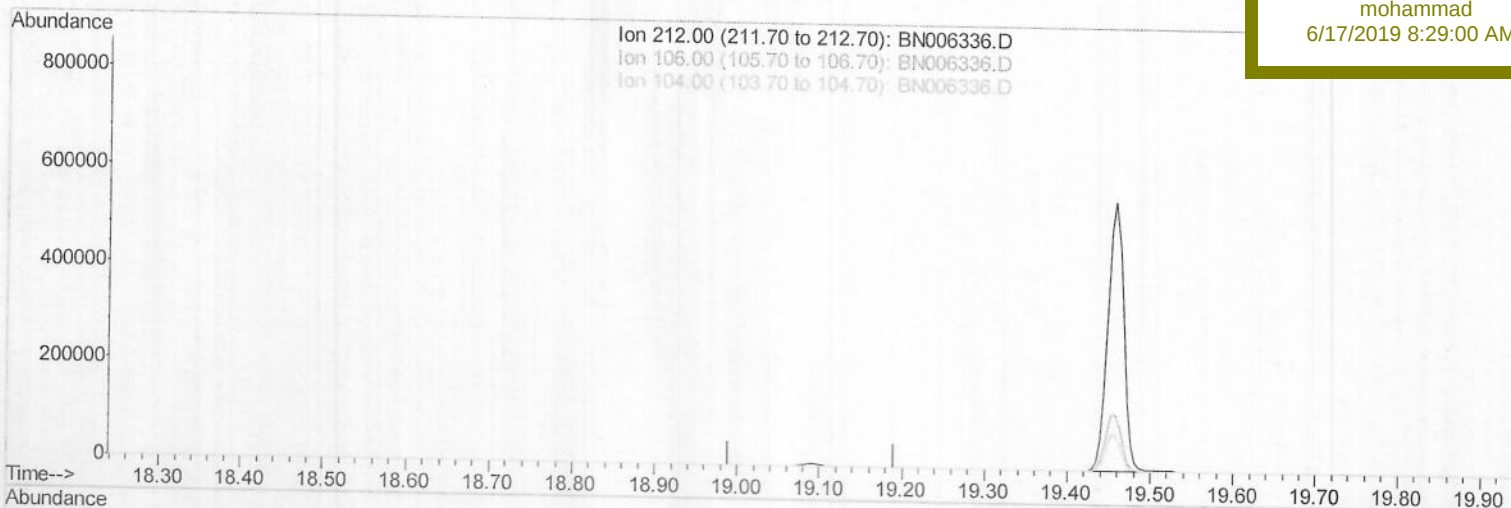
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006336.D

Acq On : 14 Jun 2019 15:05

Operator : JU/SJ

Sample : K3332-07

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 11:20:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

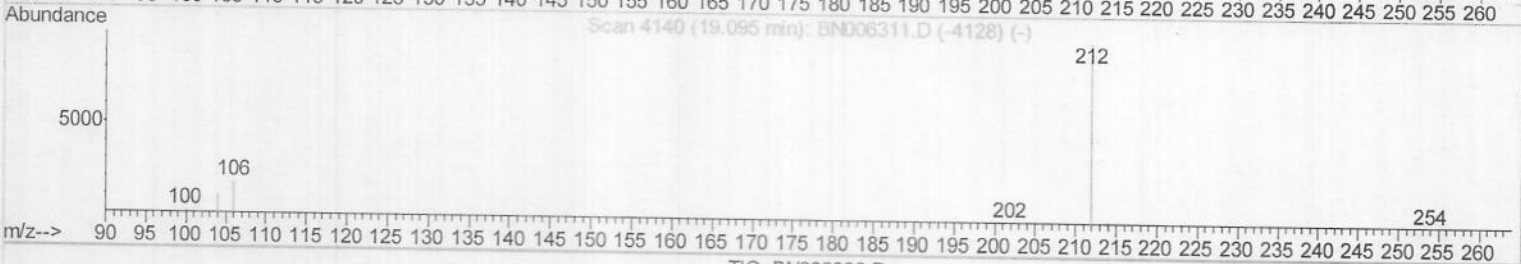
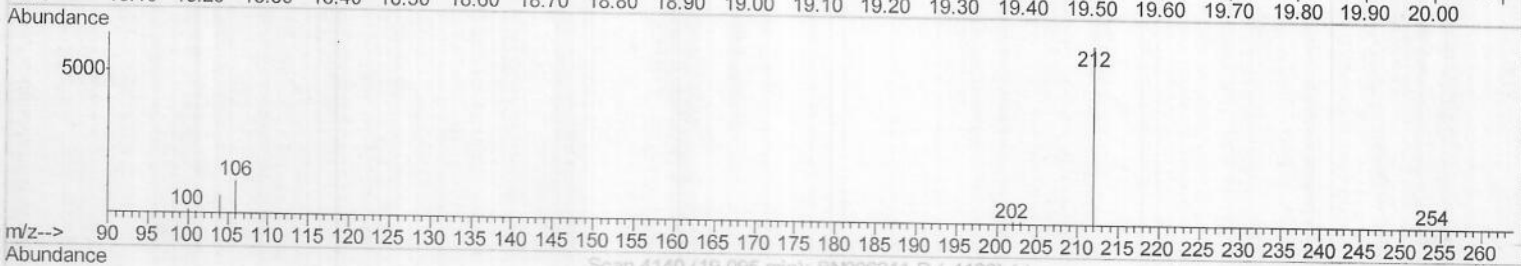
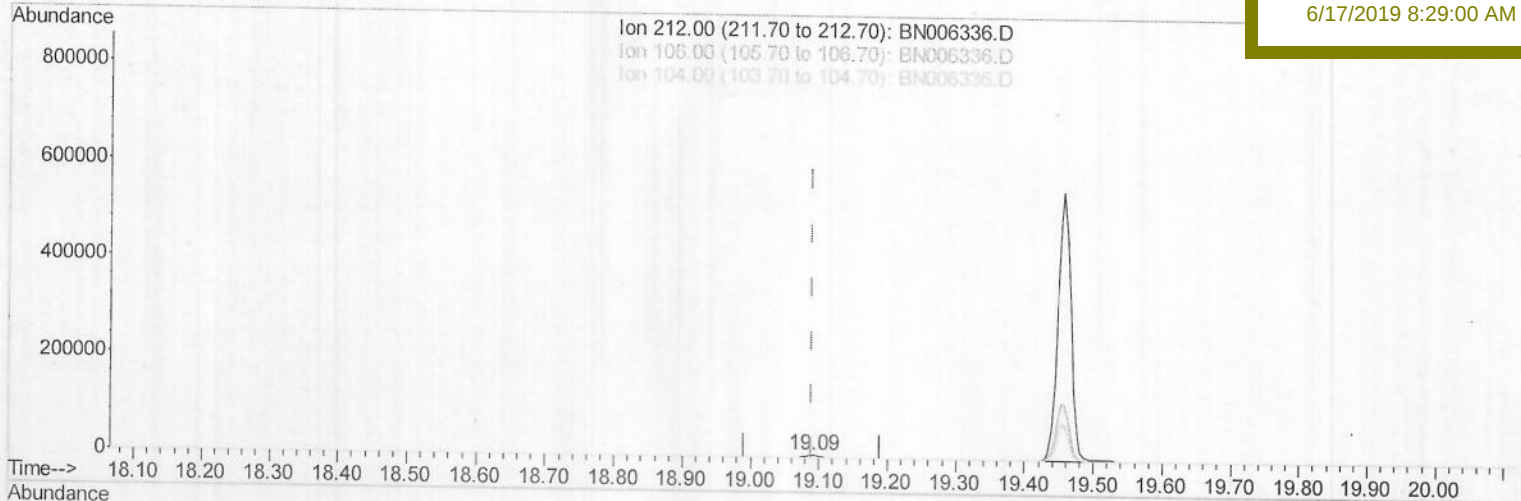
A4232

Manual Integrations

APPROVED

mohammad

6/17/2019 8:29:00 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.22ng/ul m

JU06/20/19

response 8149

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

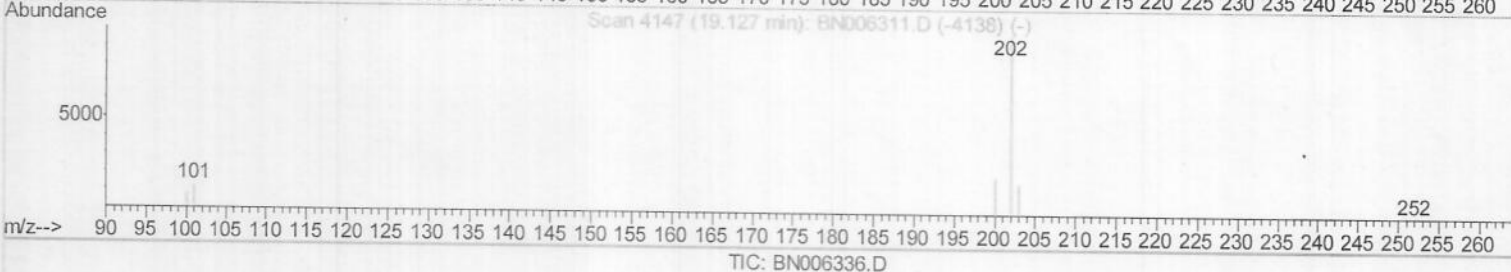
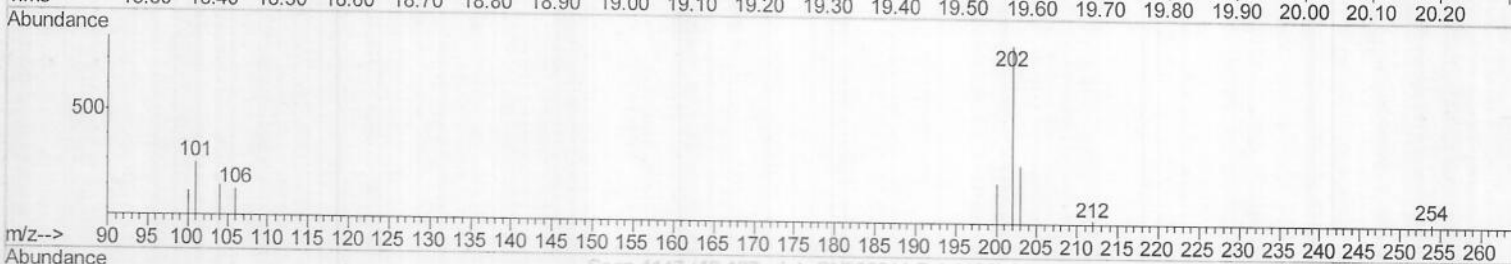
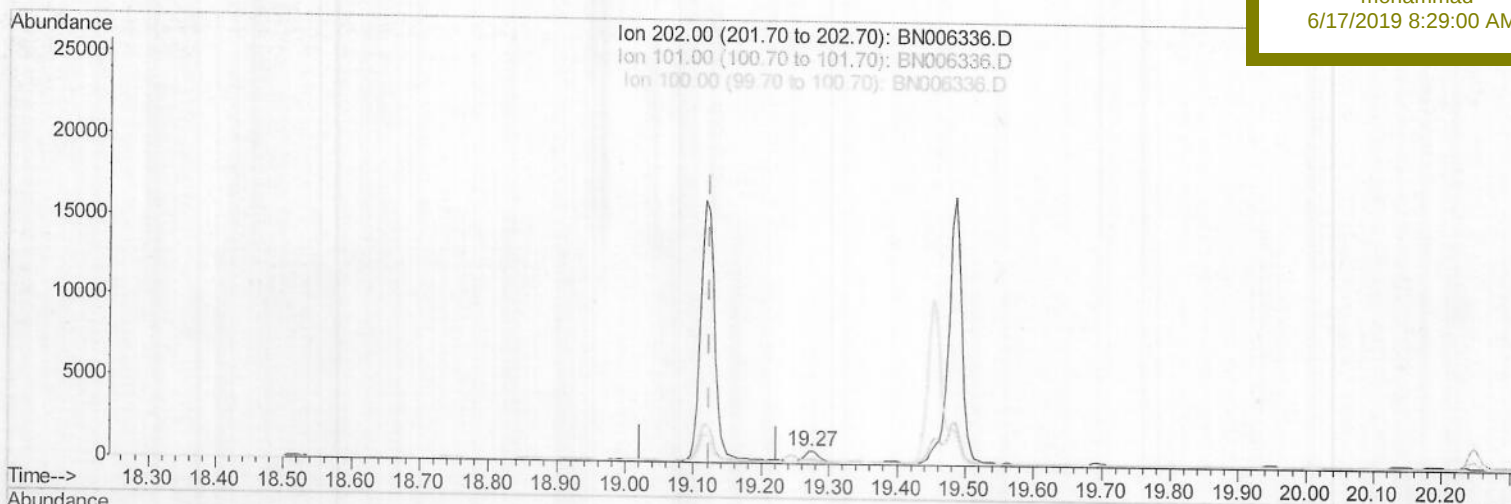
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(15) Fluoranthene (C)

19.272min (+0.149) 0.02ng/ul

response 820

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	37.02#
100.00	8.70	21.88
0.00	0.00	0.00

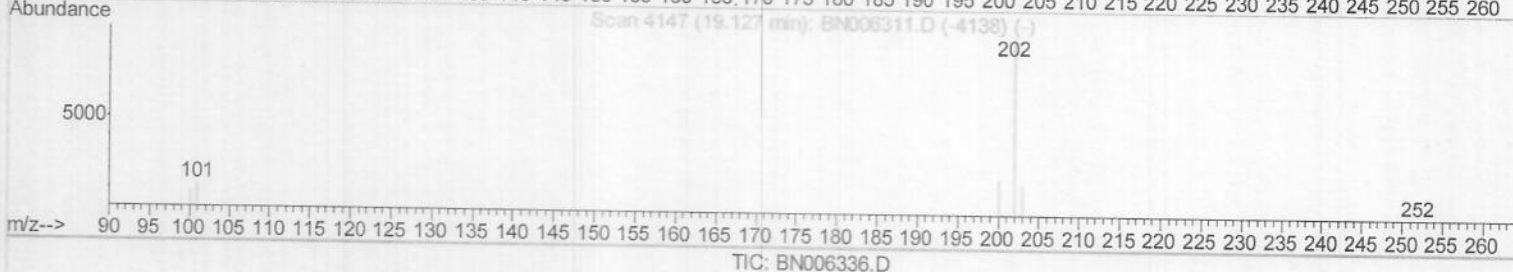
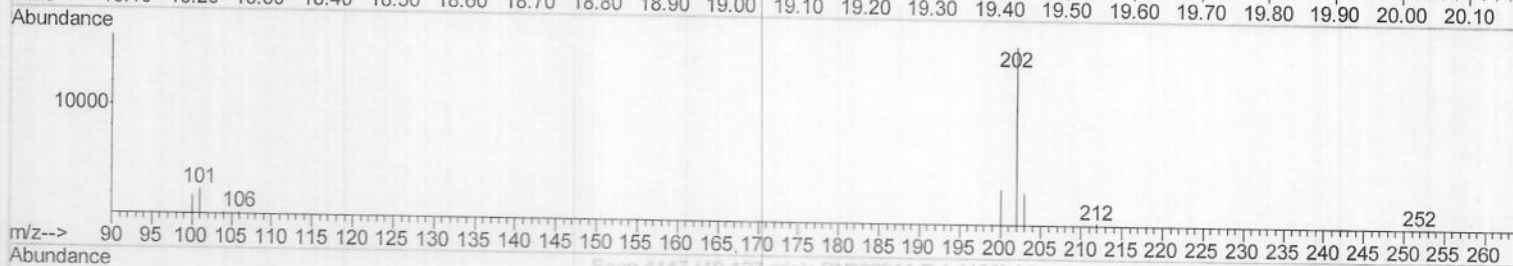
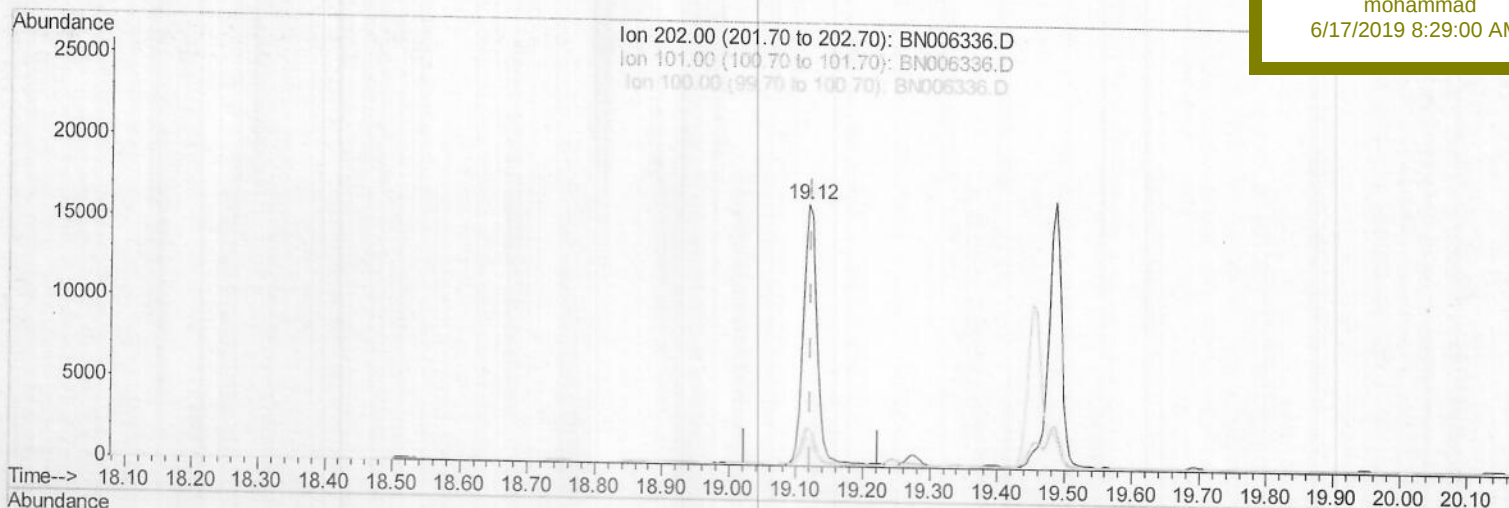
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(15) Fluoranthene (C)

19.118min (-0.005) 0.47ng/ul m

JU06/20/19

response 23250

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.20
100.00	8.70	10.74
0.00	0.00	0.00

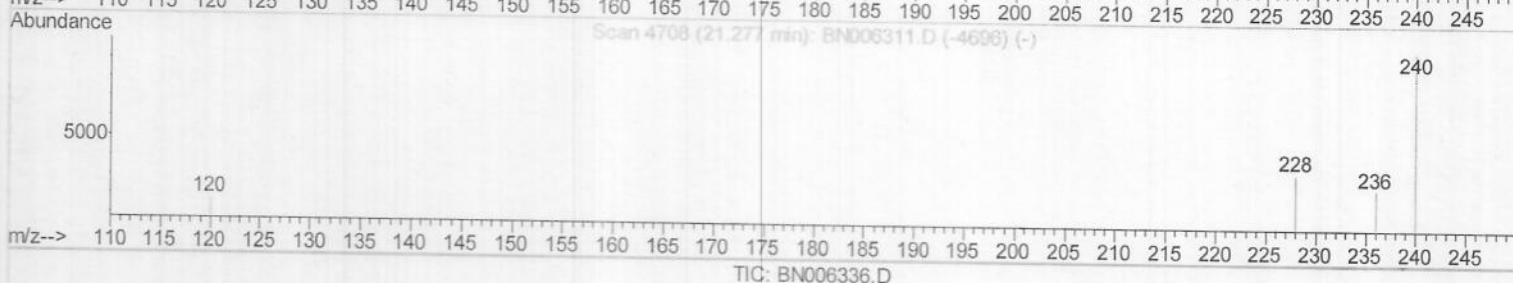
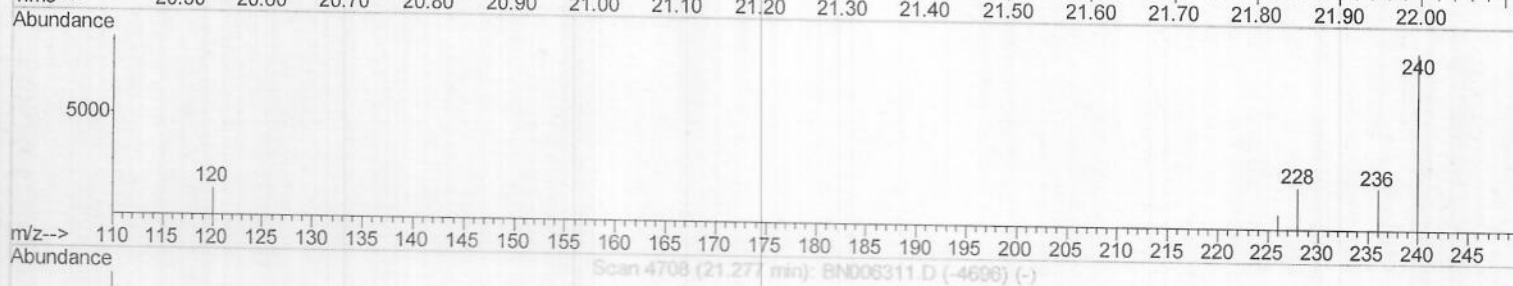
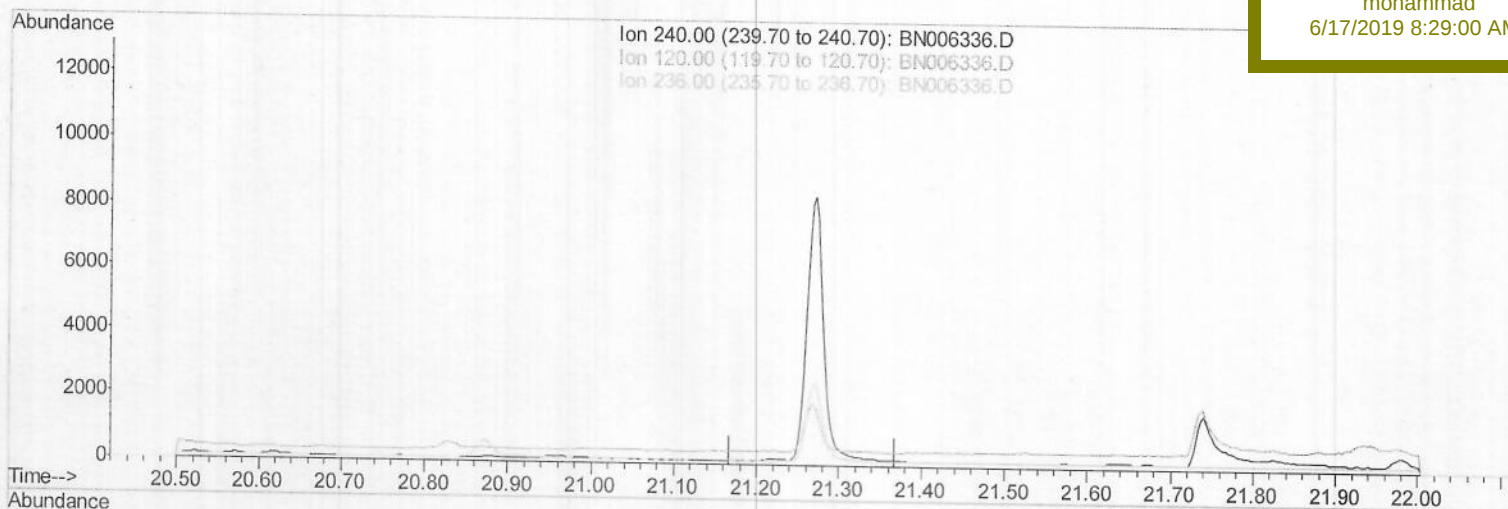
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006336.D

Acq On : 14 Jun 2019 15:05

Operator : JU/SJ

Sample : K3332-07

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:45:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 11:20:30 2019

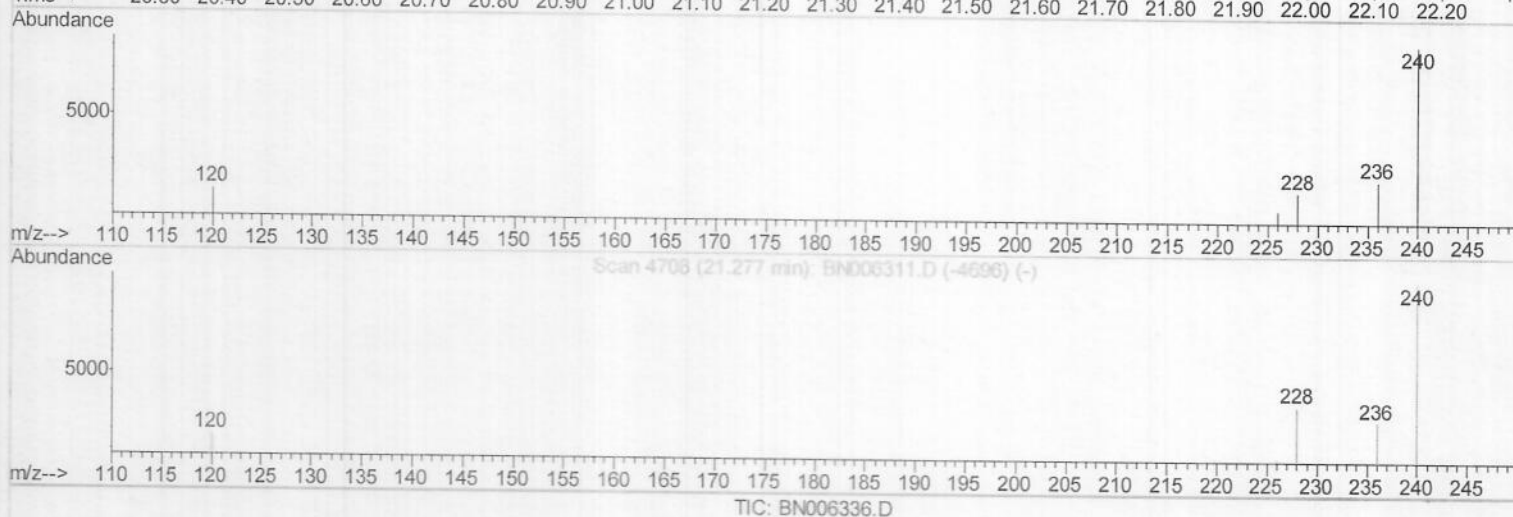
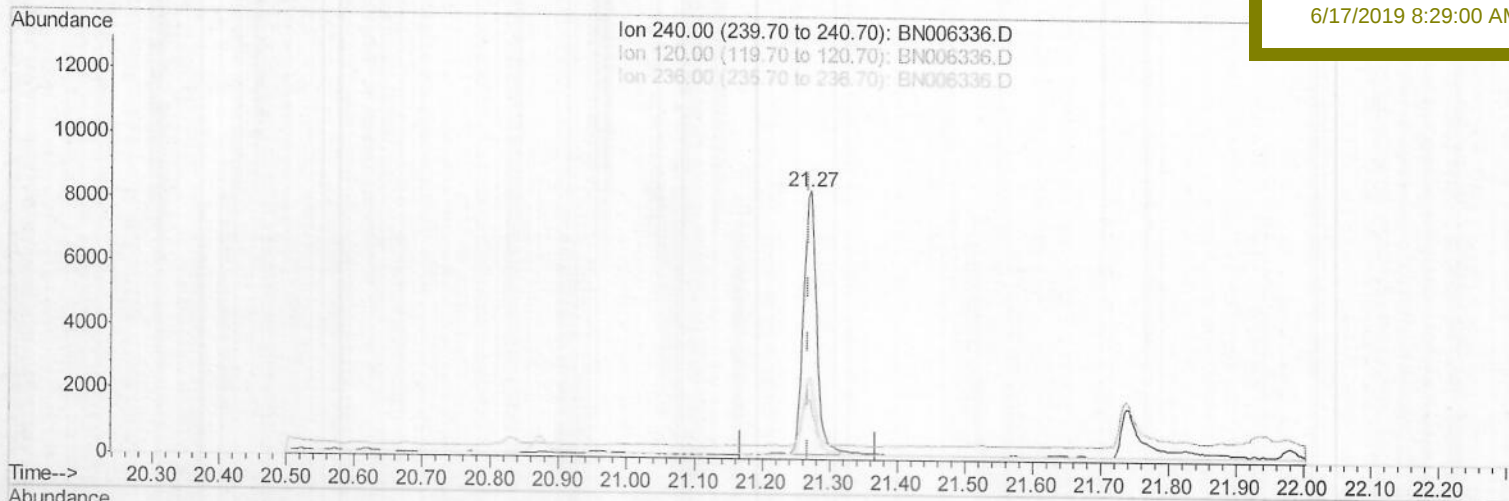
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4232

Manual Integrations
APPROVEDmohammad
6/17/2019 8:29:00 AM

(16) Chrysene-d12 (I)

21.271min (+0.003) 0.40ng/ul m

JU06/20/19

response 11033

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.34
236.00	30.10	29.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006336.D

Acq On : 14 Jun 2019 15:05

Operator : JU/SJ

Sample : K3332-07

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:46:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 11:20:30 2019

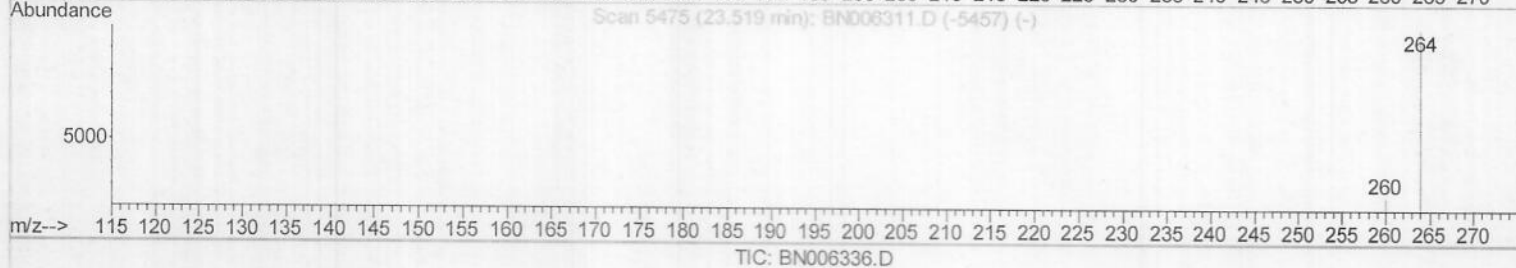
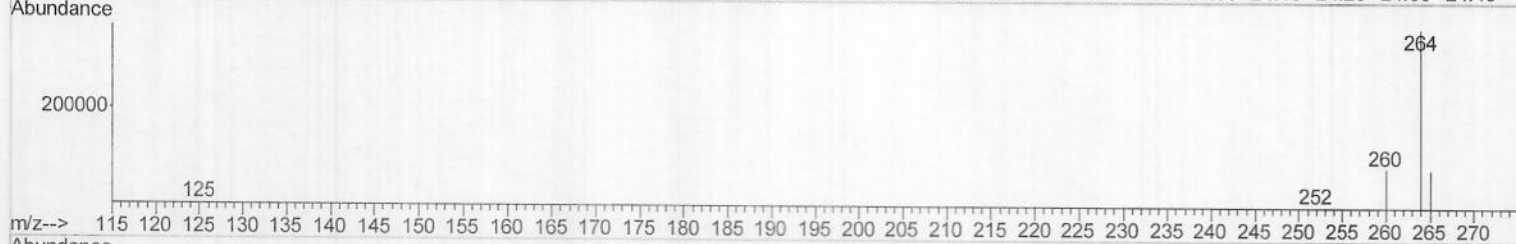
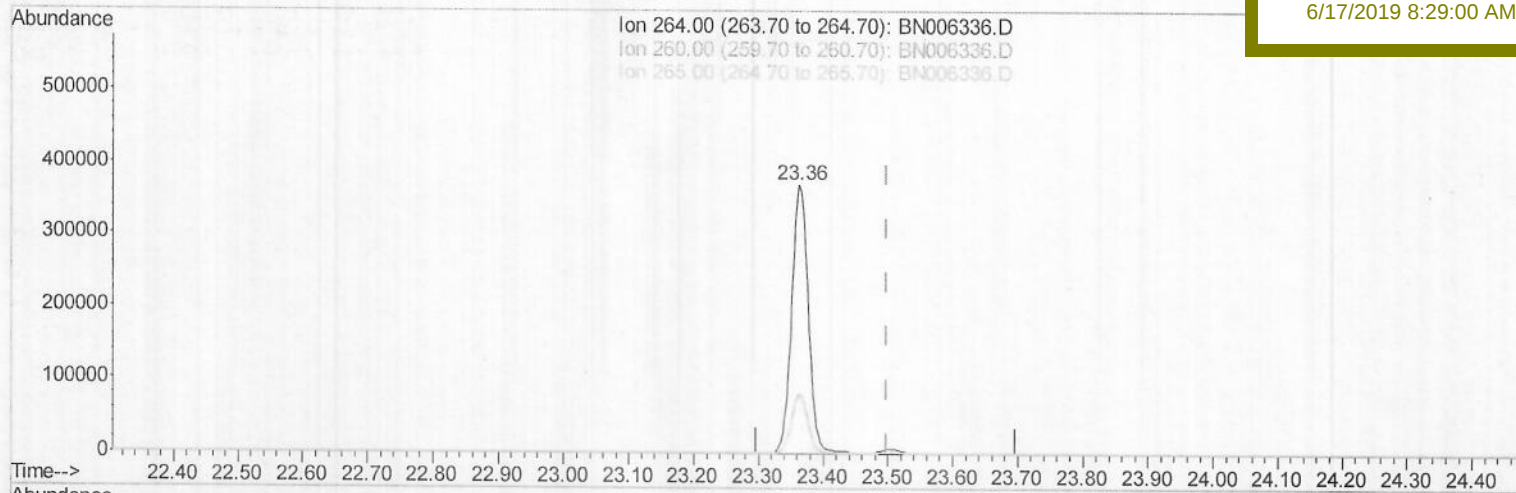
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4232

Manual Integrations
APPROVEDmohammad
6/17/2019 8:29:00 AM

(20) Perylene-d12 (I)

23.364min (-0.135) 0.40ng/ul

response 658709

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.80#
265.00	44.70	21.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

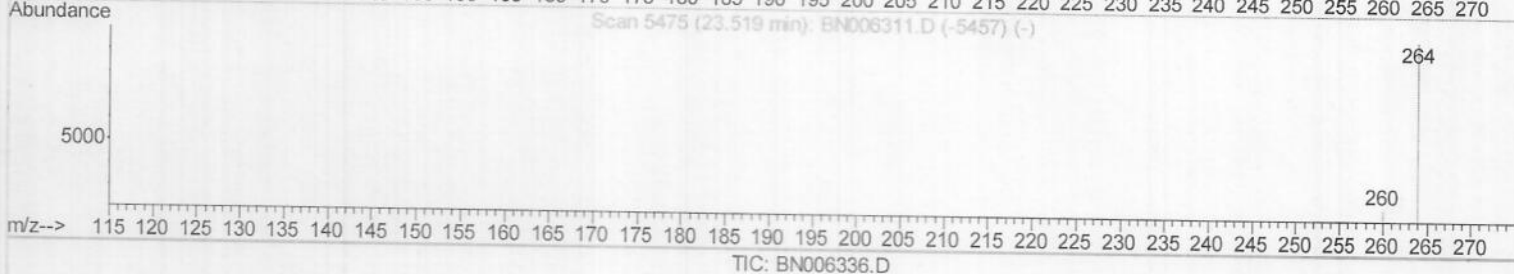
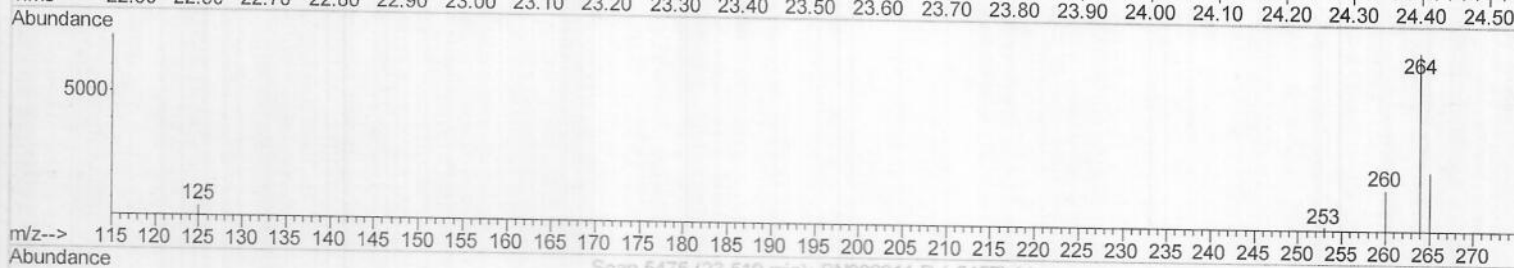
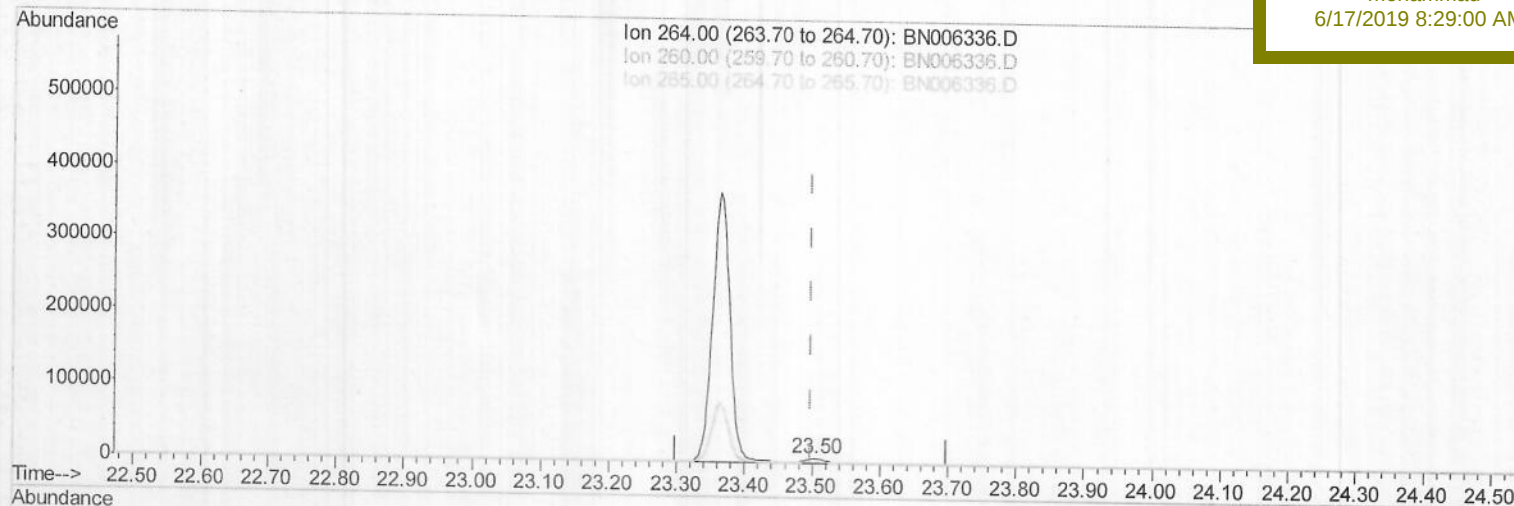
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:46:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(20) Perylene-d12 (I)

23.504min (+0.006) 0.40ng/ul m

JU06/20/19

response 10413

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.87
265.00	44.70	36.42
0.00	0.00	0.00

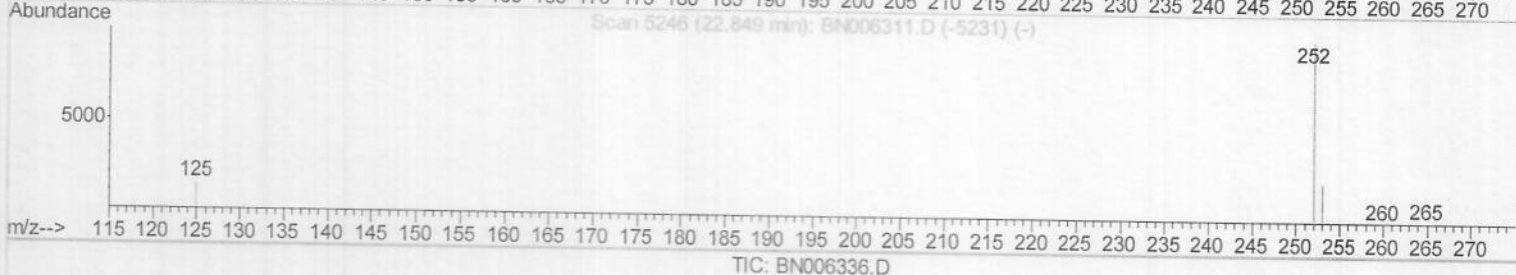
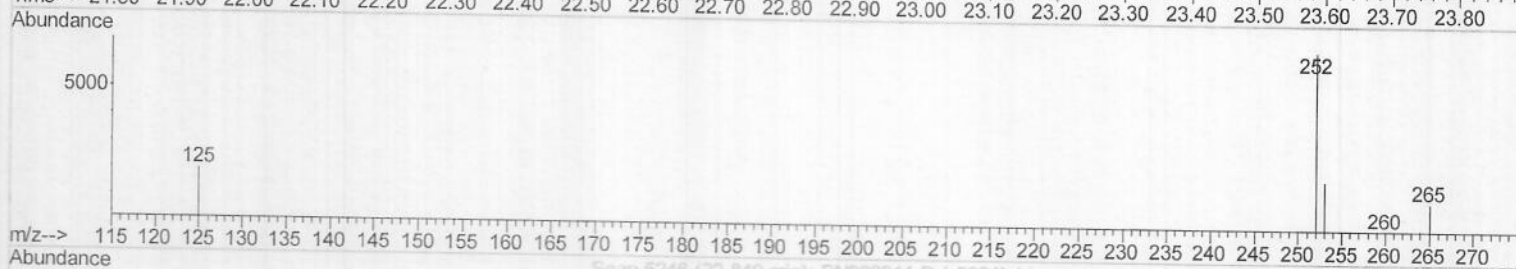
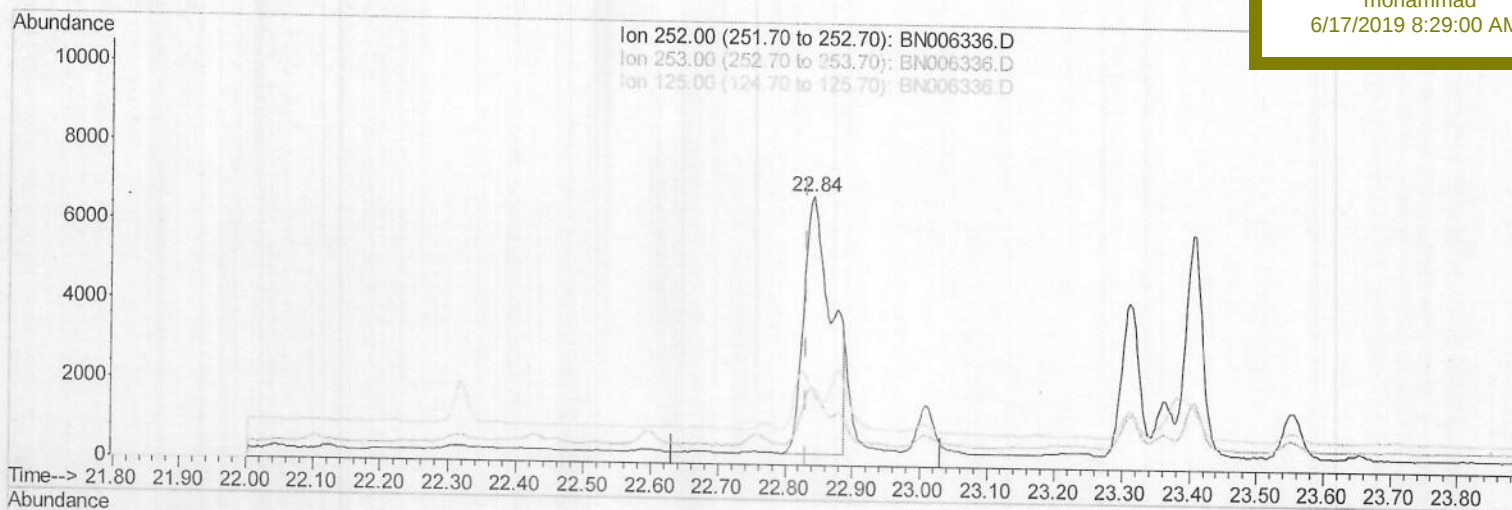
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(21) Benzo(b)fluoranthene
22.840min (+0.009) 0.42ng/ul
response 18320

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.87
125.00	20.50	28.47
0.00	0.00	0.00

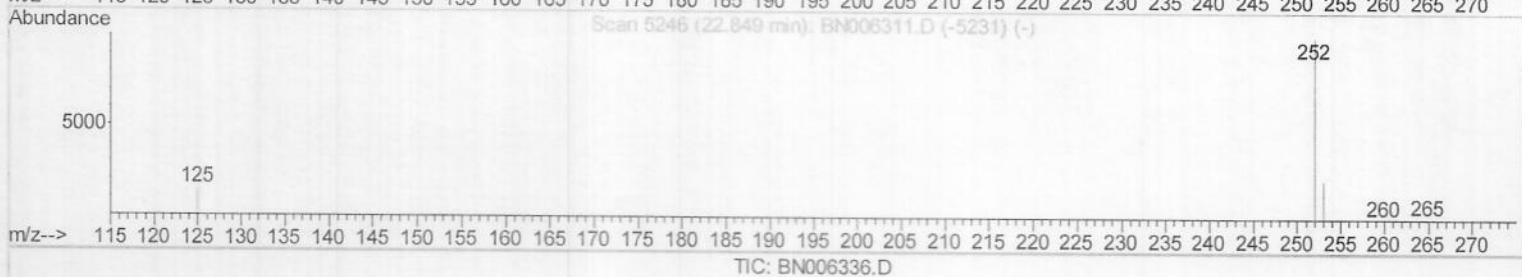
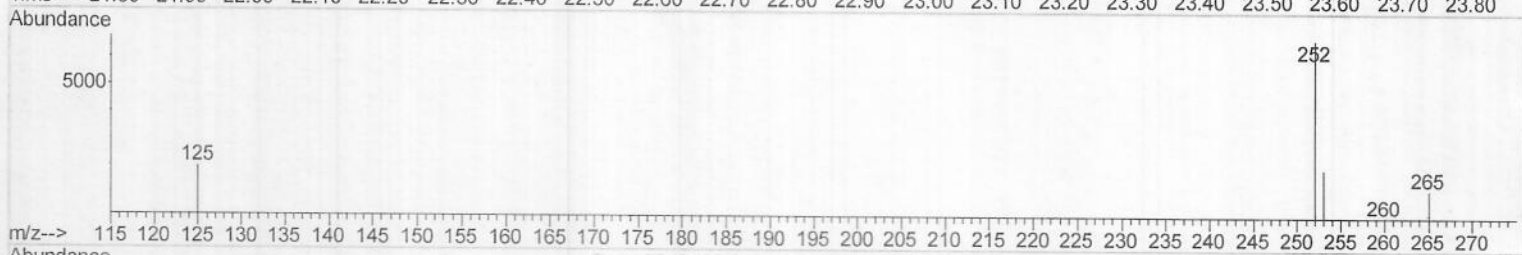
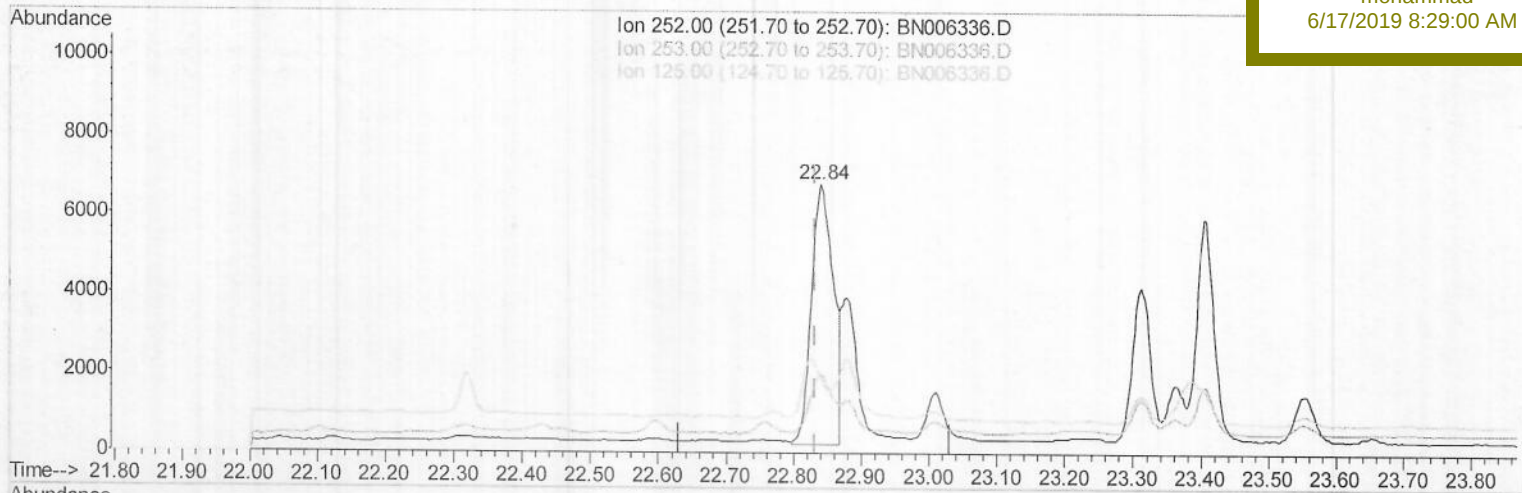
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(21) Benzo(b)fluoranthene

22.840min (+0.009) 0.33ng/ul m

response 14485

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.87
125.00	20.50	28.47
0.00	0.00	0.00

JU06/20/19

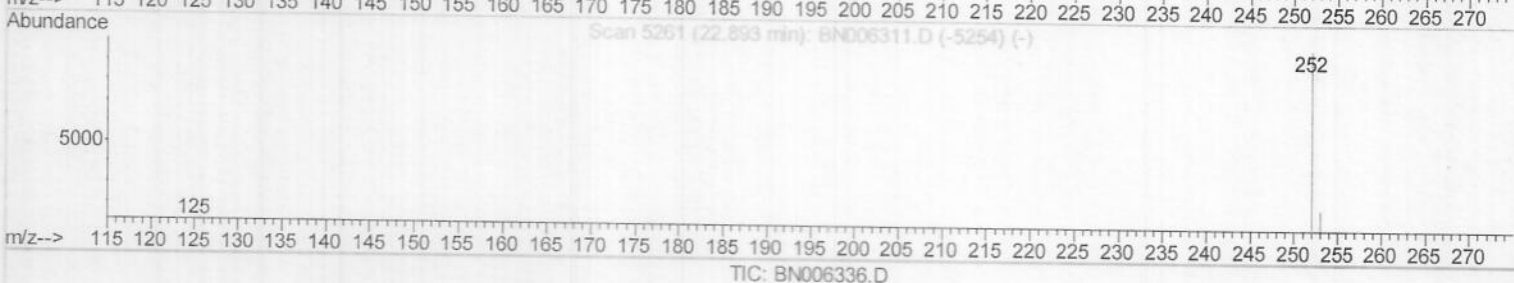
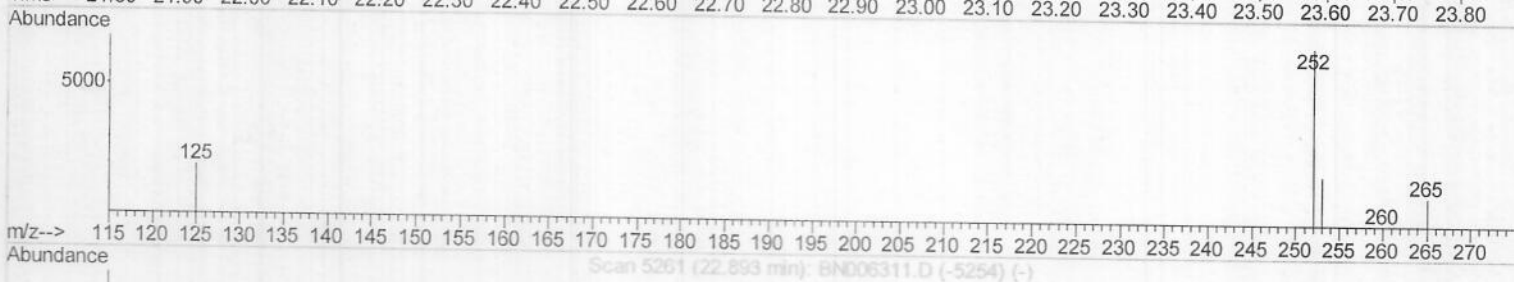
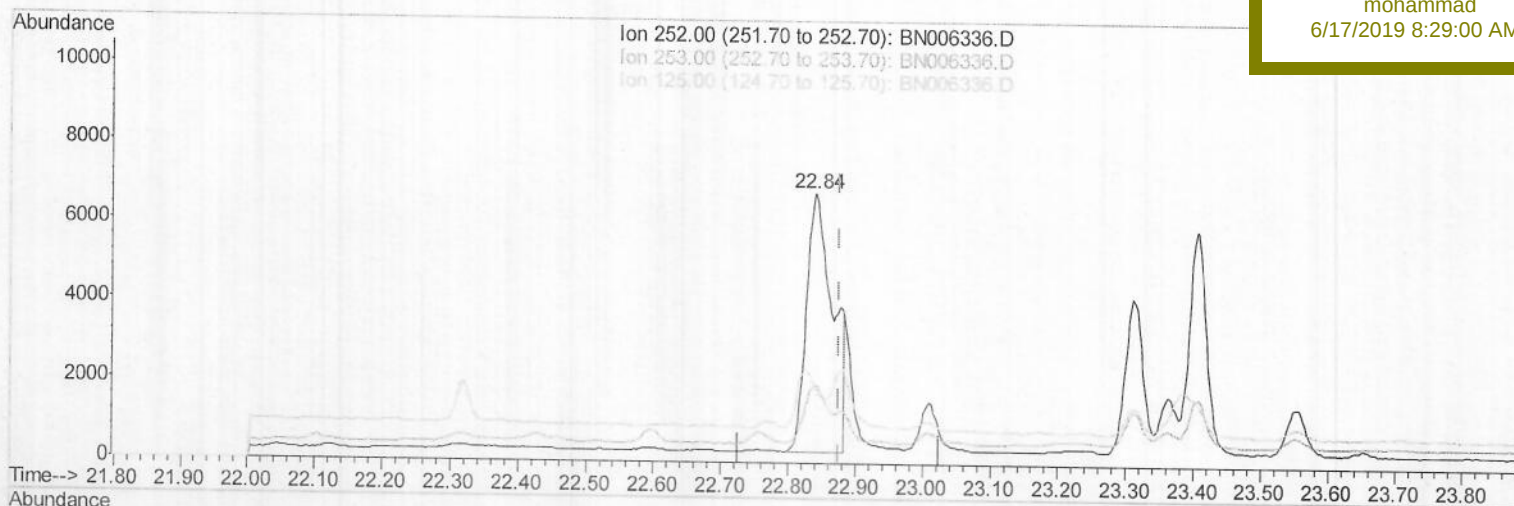
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(22) Benzo(k)fluoranthene
22.840min (-0.035) 0.41ng/ul
response 17235

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.87
125.00	17.90	28.47#
0.00	0.00	0.00

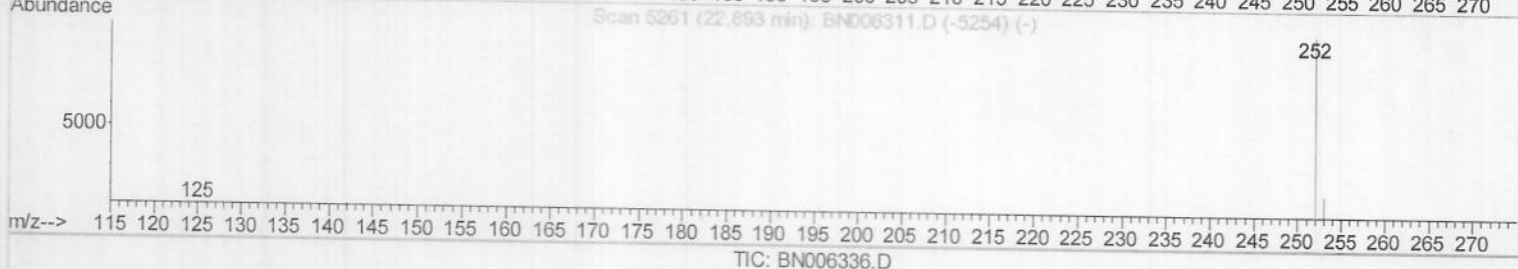
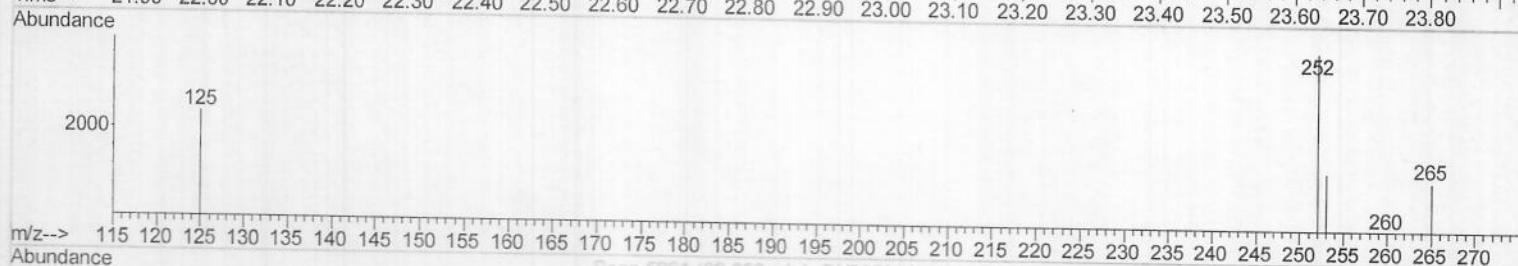
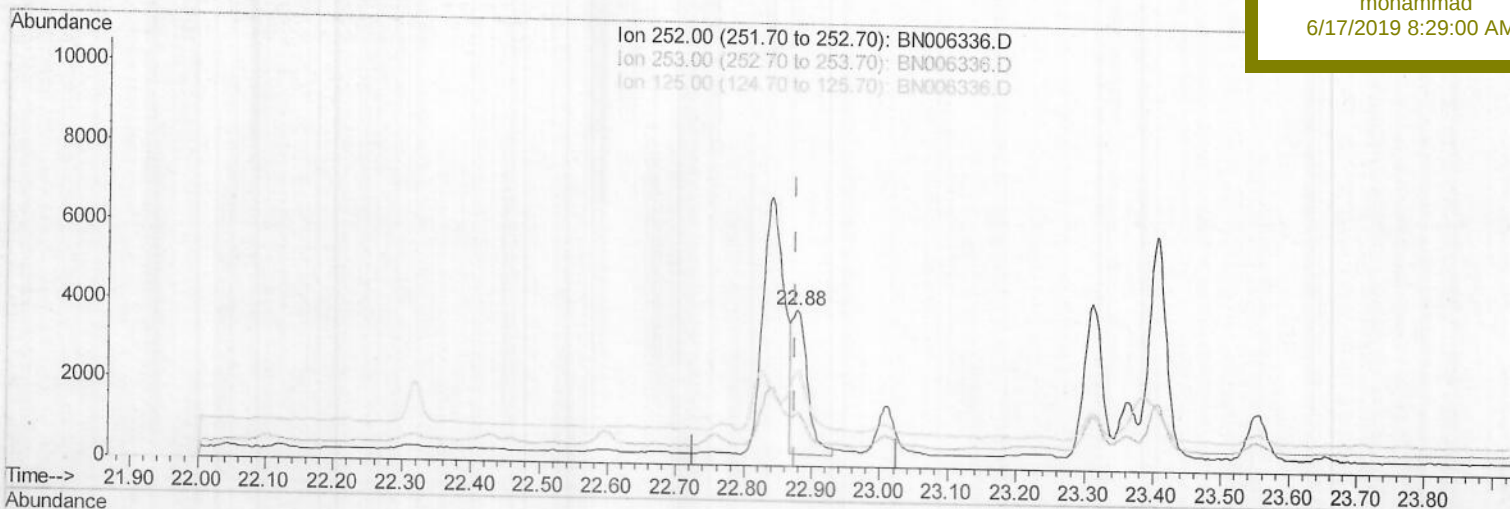
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(22) Benzo(k)fluoranthene

22.878min (+0.003) 0.14ng/ul m) JU06/20/19

response 5943

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	33.83#
125.00	17.90	60.67#
0.00	0.00	0.00

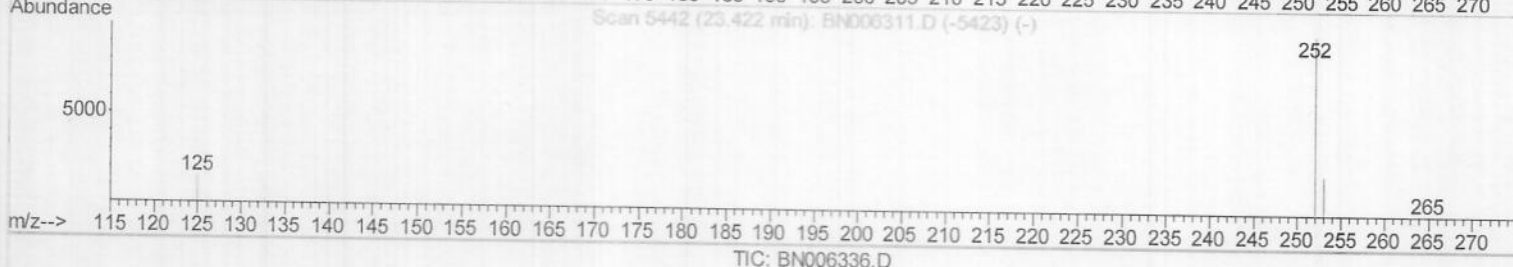
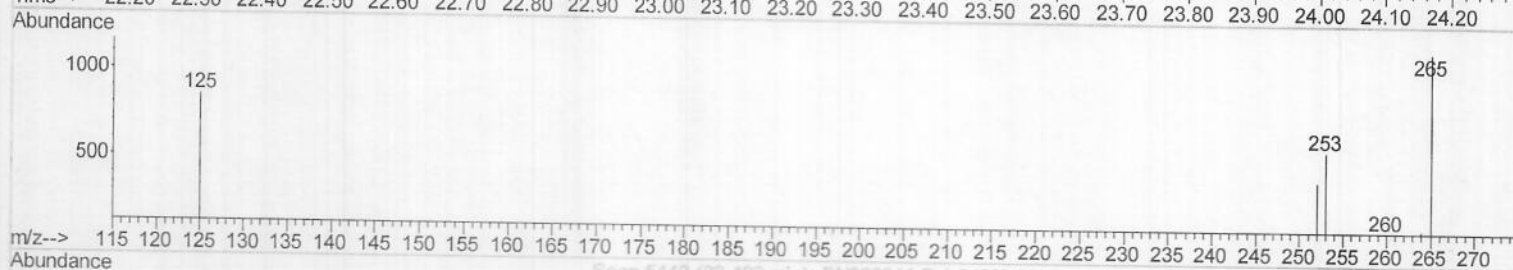
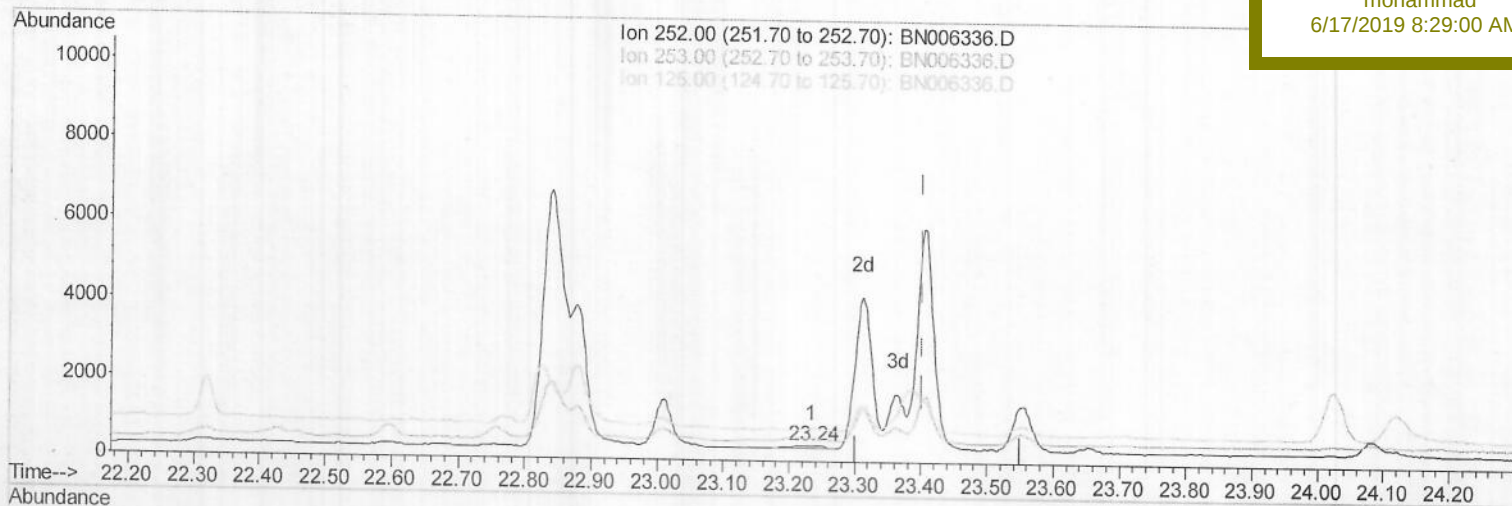
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(23) Benzo(a)pyrene (C)

23.235min (-0.167) 0.01ng/ul

response 312

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	141.75#
125.00	25.40	205.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

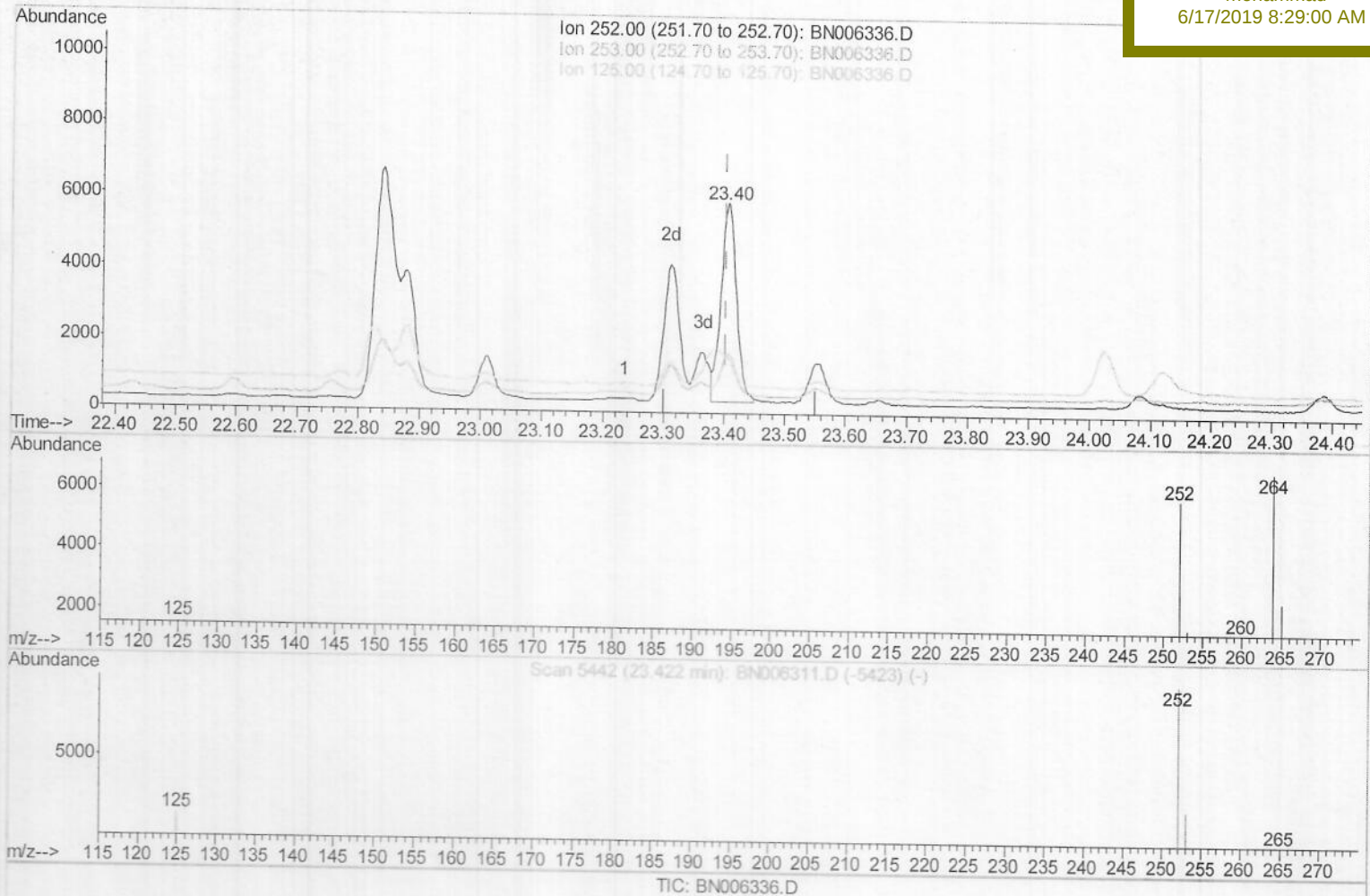
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(23) Benzo(a)pyrene (C)

23.405min (+0.003) 0.24ng/ul m) JU06/2019

response 9881

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	28.31
125.00	25.40	26.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006336.D

Acq On : 14 Jun 2019 15:05

Operator : JU/SJ

Sample : K3332-07

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 11:20:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

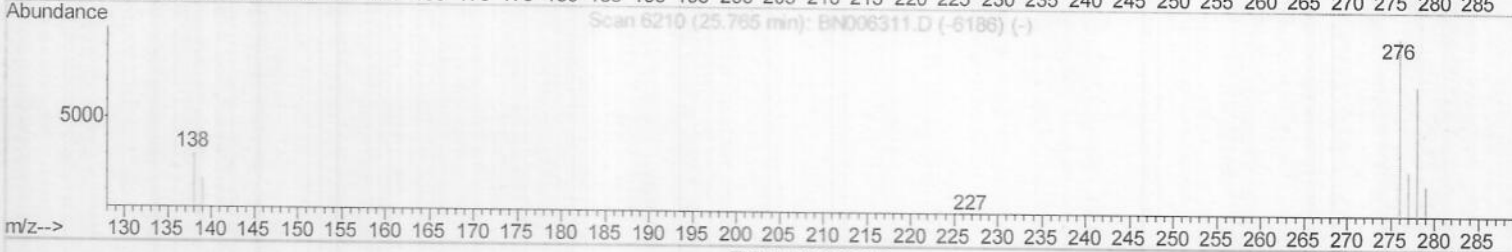
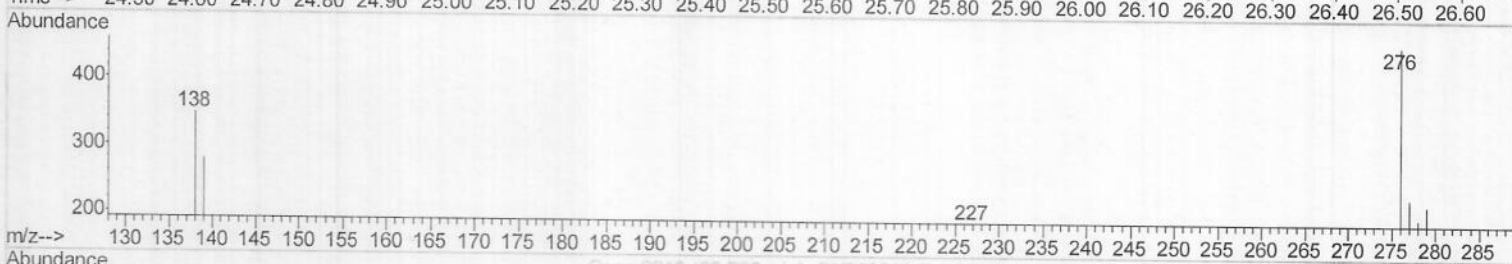
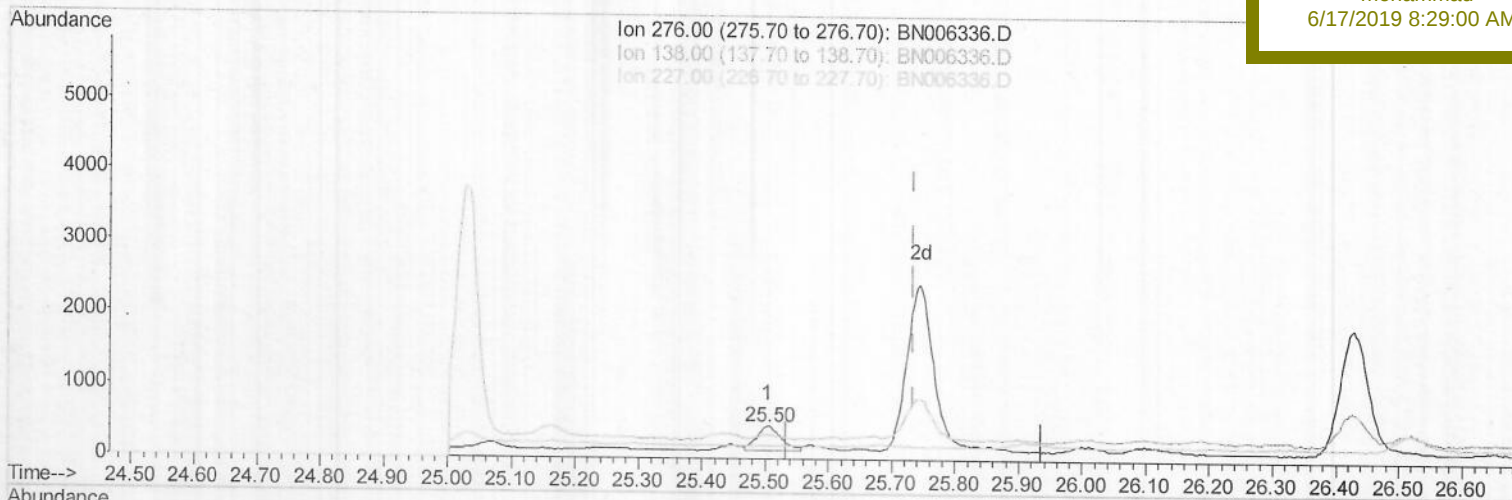
A4232

Manual Integrations

APPROVED

mohammad

6/17/2019 8:29:00 AM



TIC: BN006336.D

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

25.504min (-0.231) 0.02ng/ul

response 915

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	17.16#
227.00	0.40	1.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

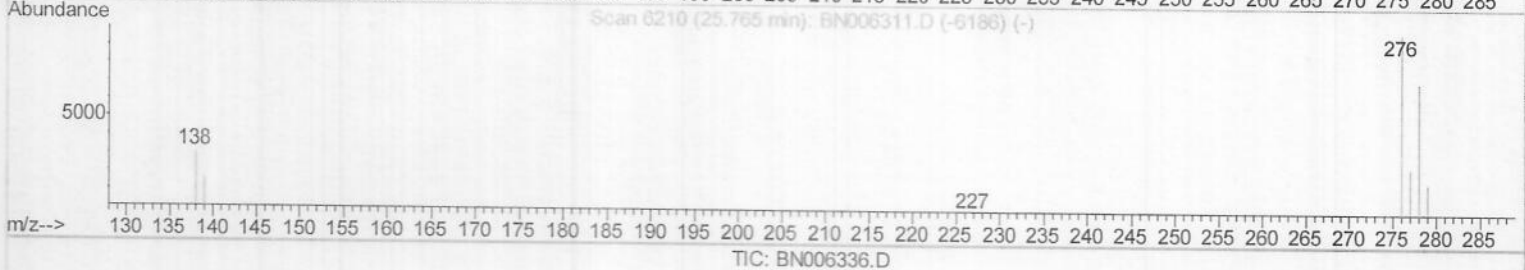
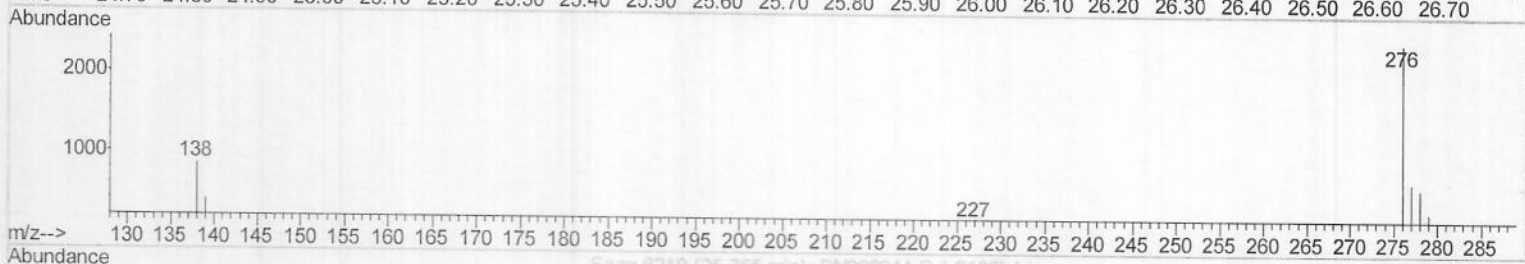
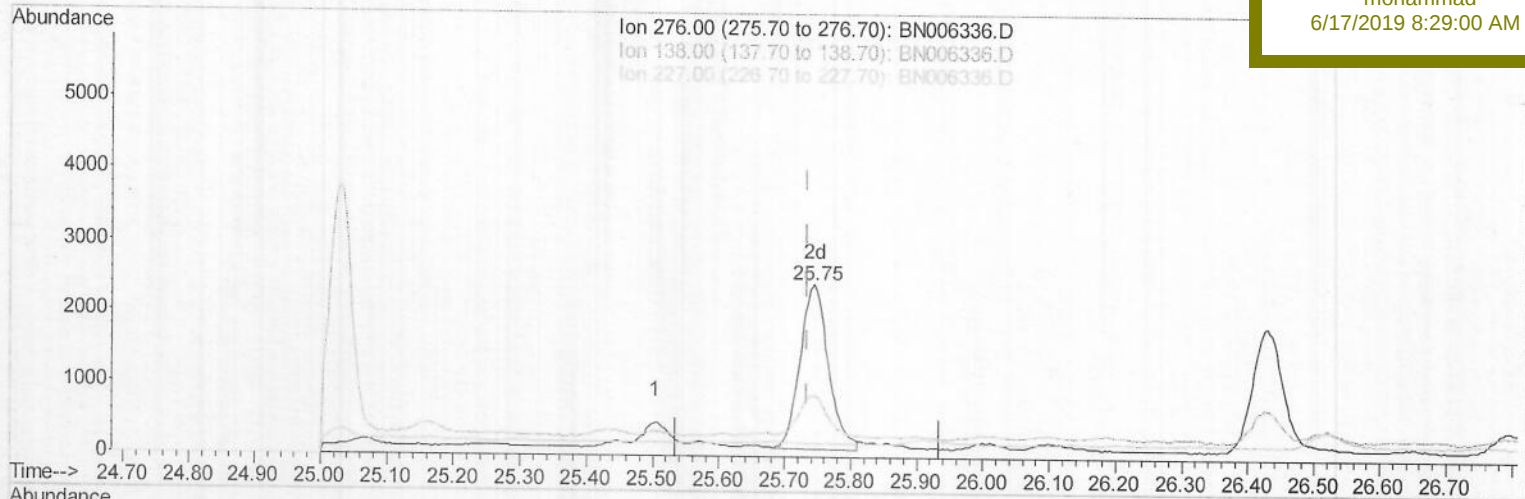
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



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

25.745min (+0.010) 0.16ng/ul m) JU06/20/19

response 6881

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.28#
227.00	0.40	0.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

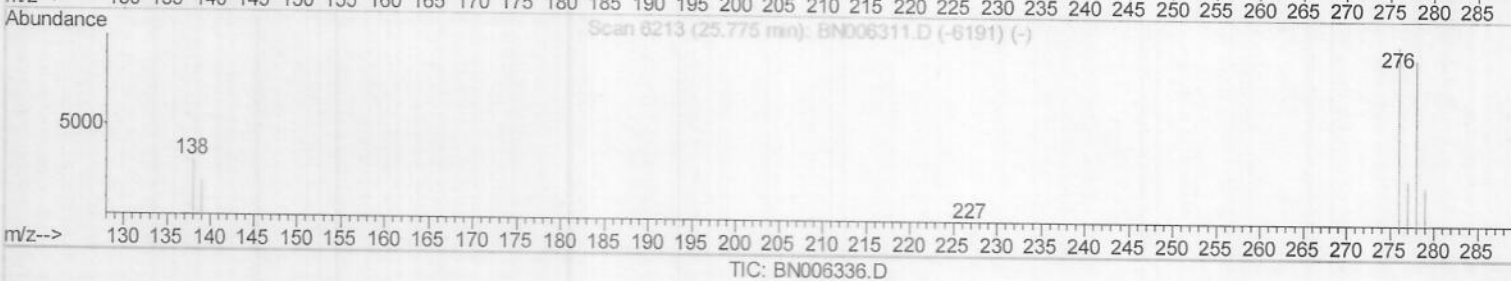
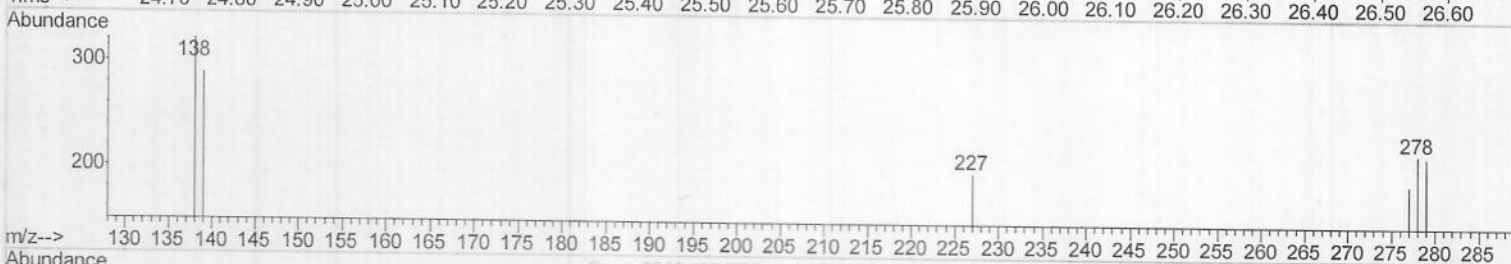
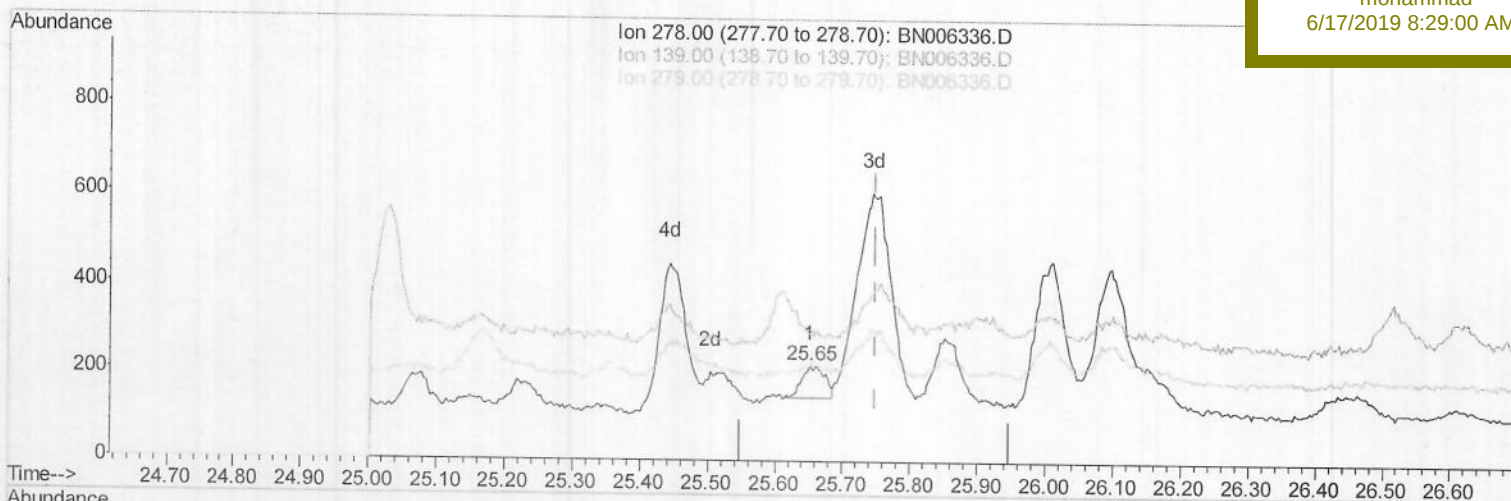
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM



(25) Dibenzo(a,h)anthracene

25.651min (-0.097) 0.01ng/ul

response 181

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	131.96#
279.00	28.20	99.09#
0.00	0.00	0.00

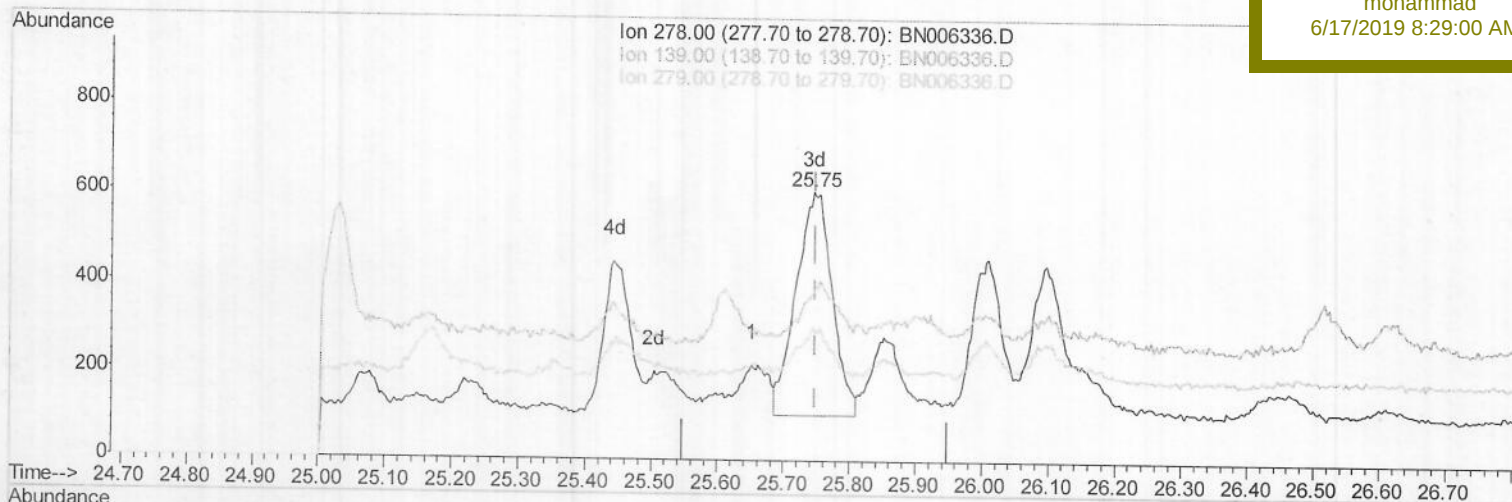
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(25) Dibenzo(a,h)anthracene

25.745min (-0.003) 0.05ng/ul m) JU06/2019

response 1921

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	62.87#
279.00	28.20	49.34#
0.00	0.00	0.00

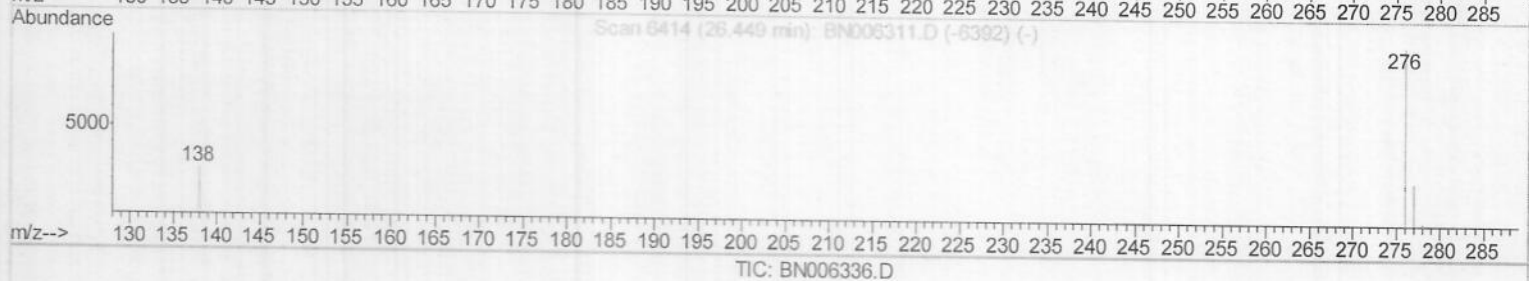
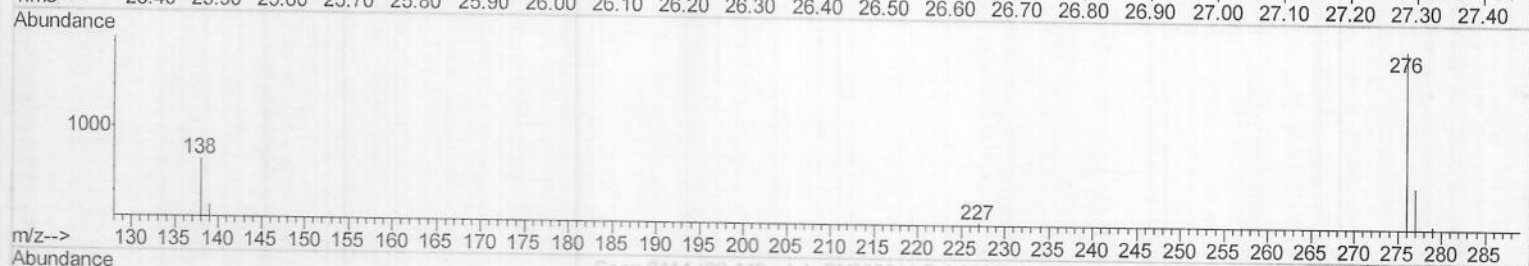
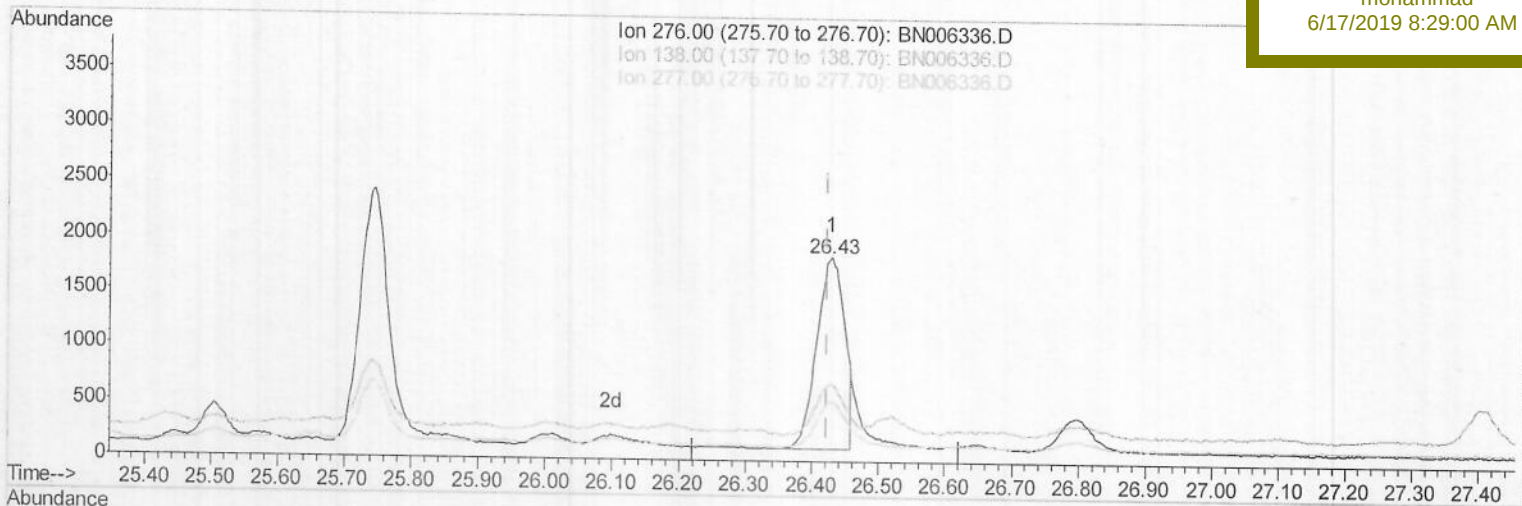
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D
Acq On : 14 Jun 2019 15:05
Operator : JU/SJ
Sample : K3332-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



(26) Benzo(g,h,i)perylene
26.429min (+0.007) 0.14ng/ul
response 4960

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	37.46#
277.00	26.90	29.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006336.D

Acq On : 14 Jun 2019 15:05
Operator : JU/SJ

Sample : K3332-07
Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:47:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 11:20:30 2019

Response via : Initial Calibration

Instrument :

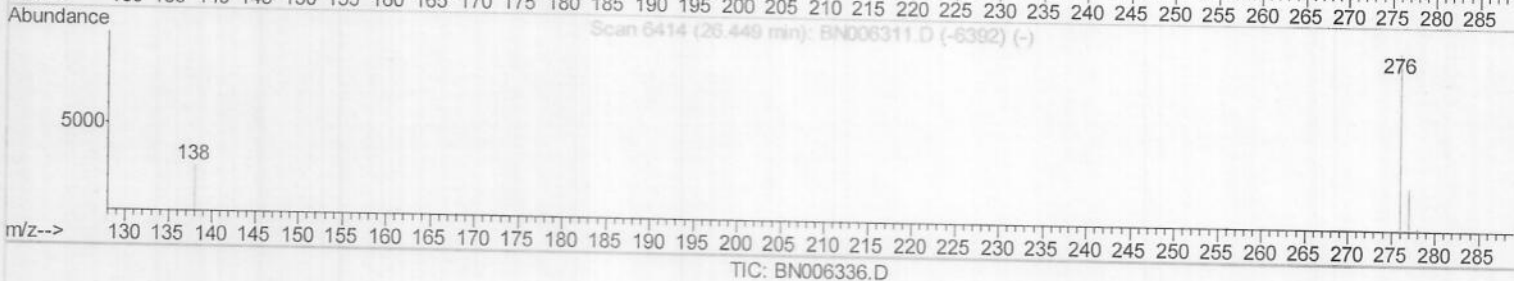
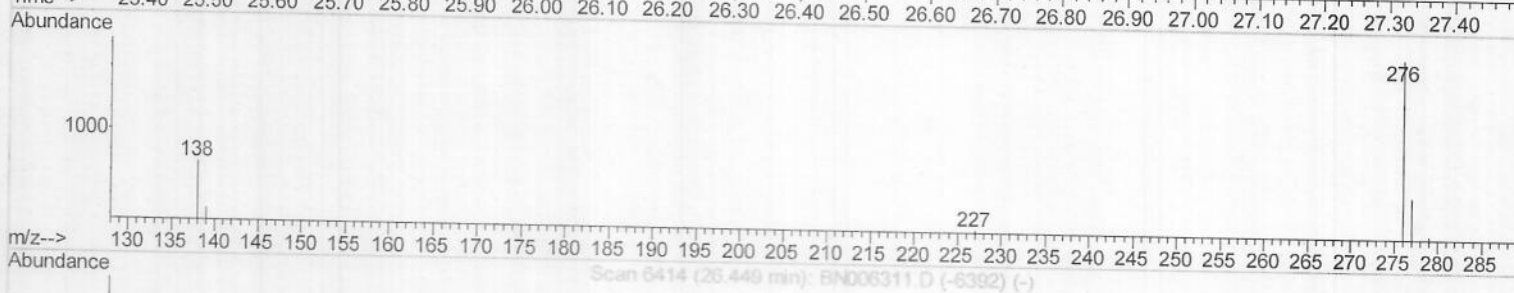
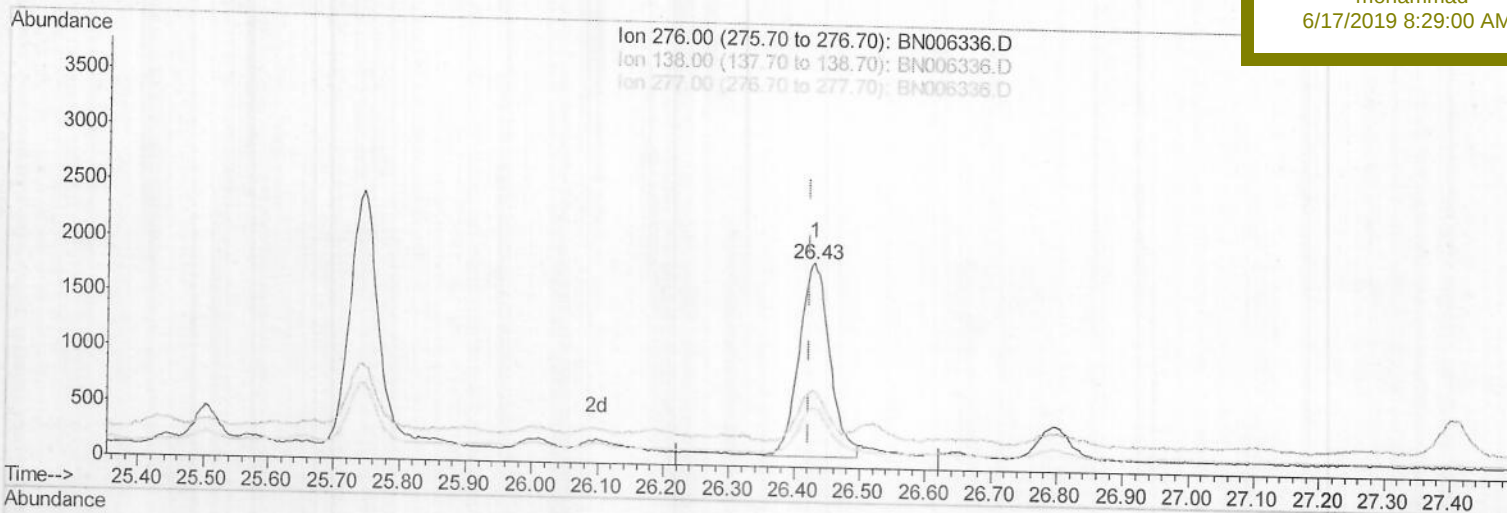
BNA_N

ClientSampleId :

A4232

Manual Integrations
APPROVED

mohammad
6/17/2019 8:29:00 AM



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

26.429min (+0.007) 0.15ng/ul m) JU06/20/19

response 5659

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	37.46#
277.00	26.90	29.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006336.D
 Acq On : 14 Jun 2019 15:05
 Operator : JU/SJ
 Sample : K3332-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 17:49:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 A4232

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4085	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15019	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7390	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	13893m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11033m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10413m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4206	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8149m	0.22	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.01	152	1783	0.043	ng/ul#	90
12) Phenanthrene	17.09	178	8890	0.199	ng/ul	98
13) Anthracene	17.18	178	2484m	0.058	ng/ul	
15) Fluoranthene	19.12	202	23250m	0.472	ng/ul	
17) Pyrene	19.49	202	22663	0.390	ng/ul	98
18) Benzo(a)anthracene	21.25	228	10393	0.213	ng/ul	96
19) Chrysene	21.30	228	9826	0.214	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	14485m	0.334	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	5943m	0.141	ng/ul	
23) Benzo(a)pyrene	23.40	252	9881m	0.244	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	6881m	0.157	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	1921m	0.055	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	5659m	0.154	ng/ul	

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

JU06/20/19