

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006554.D
Acq On : 25 Jun 2019 04:42
Operator : HP/JU
Sample : K3388-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:35:06 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

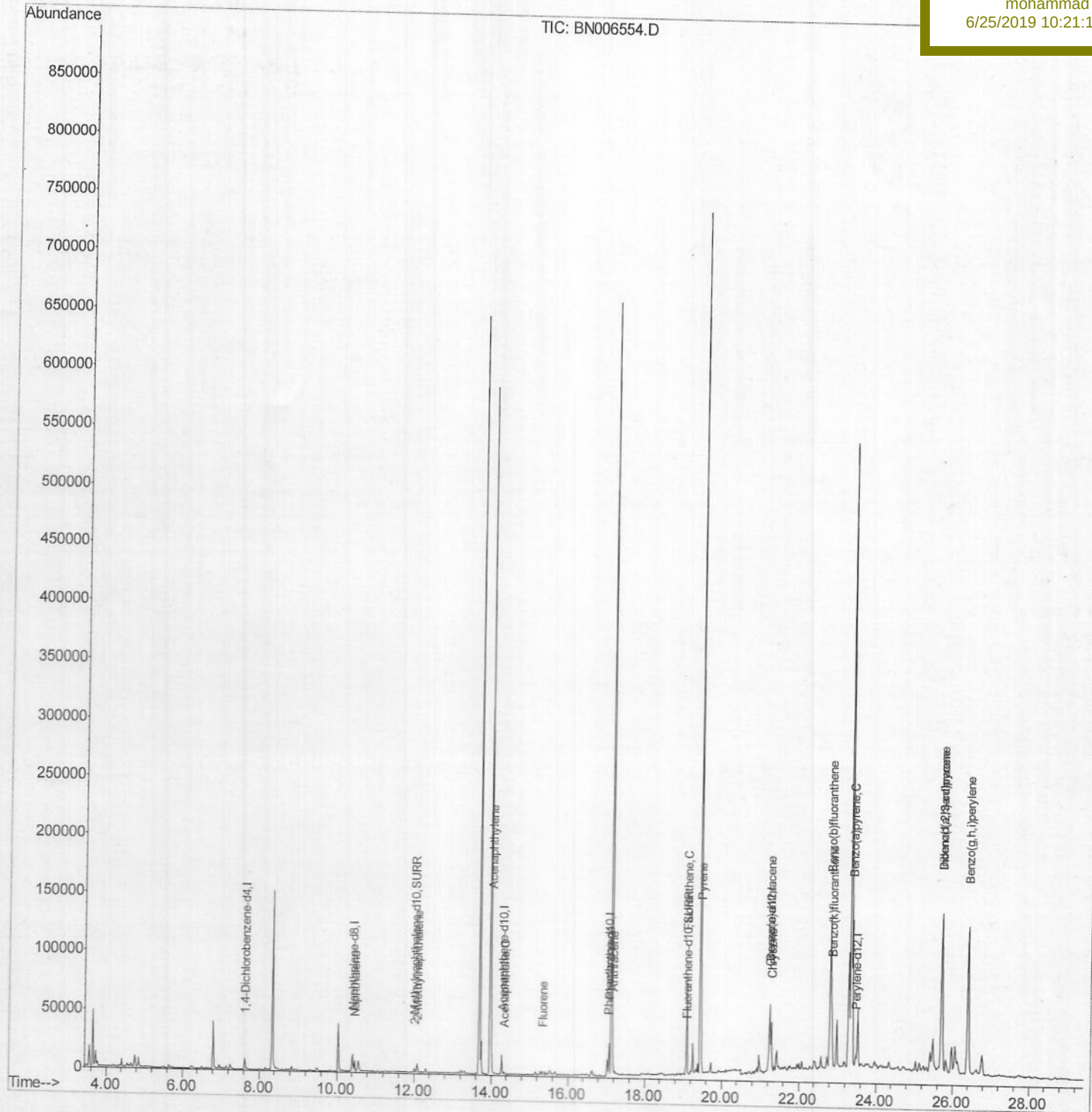
A4214

Manual Integrations

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:11:45 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

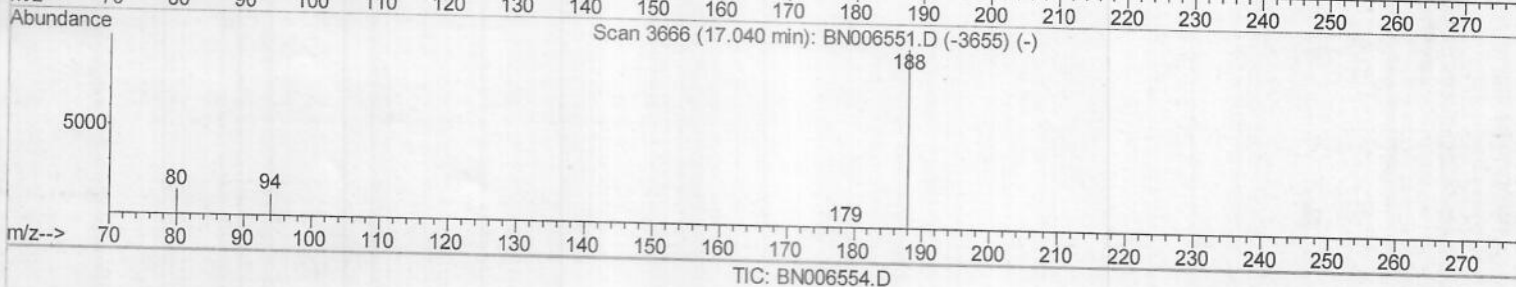
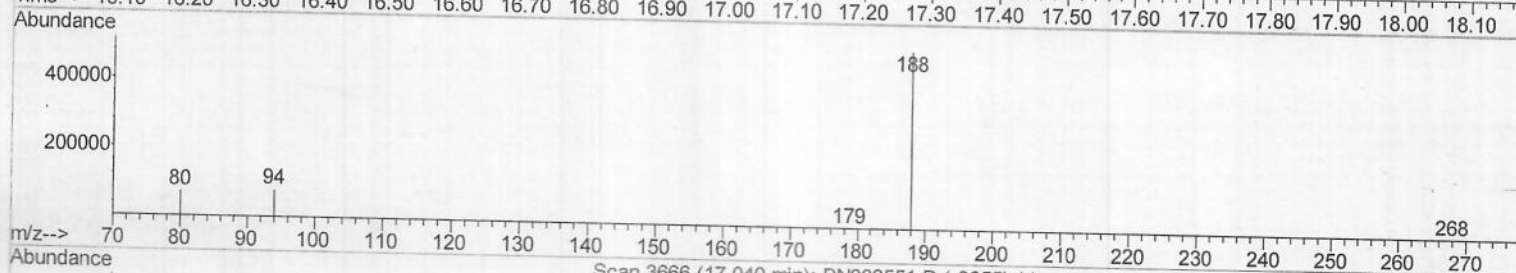
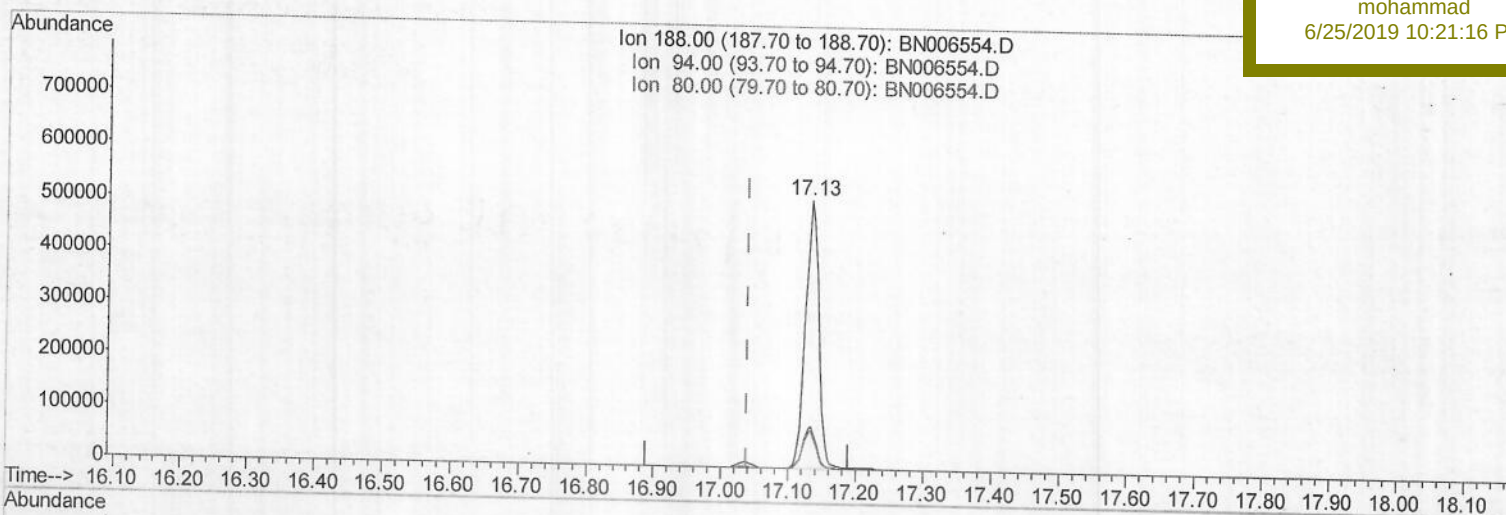
ClientSampleId :

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TIC: BN006554.D

(10) Phenanthrene-d10 (I)

17.132min (+0.093) 0.40ng/ul

response 694032

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.41
80.00	13.60	13.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:11:45 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

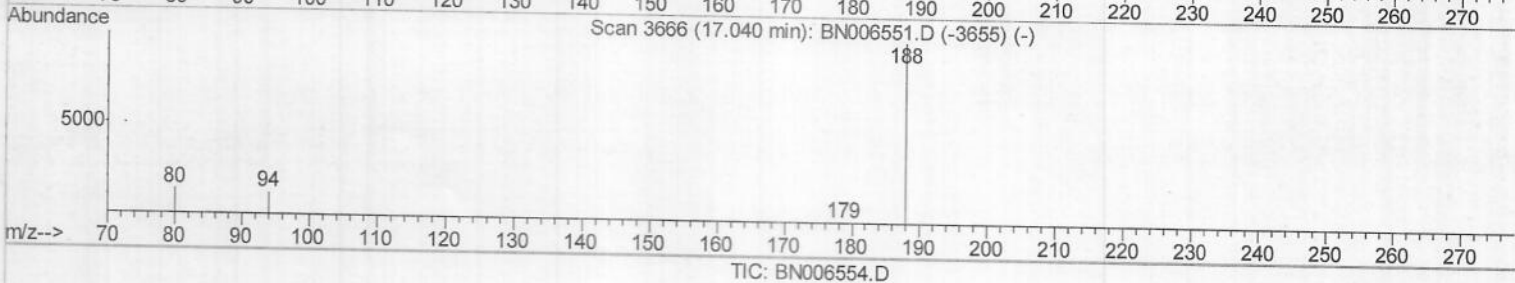
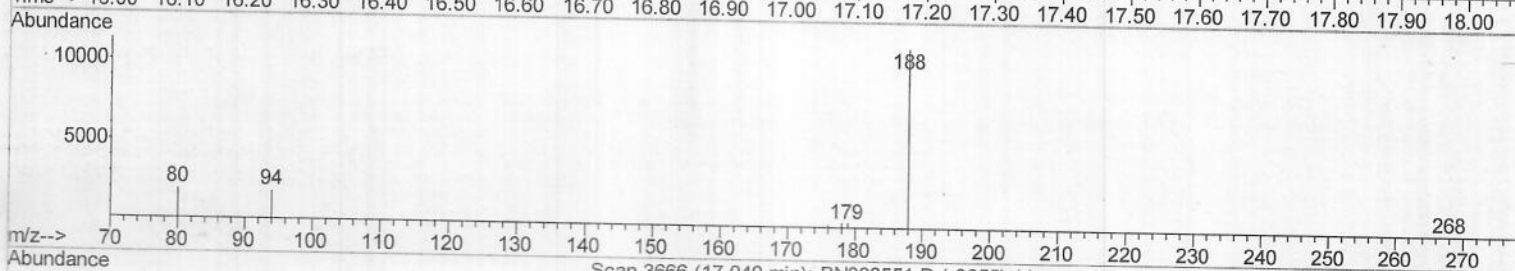
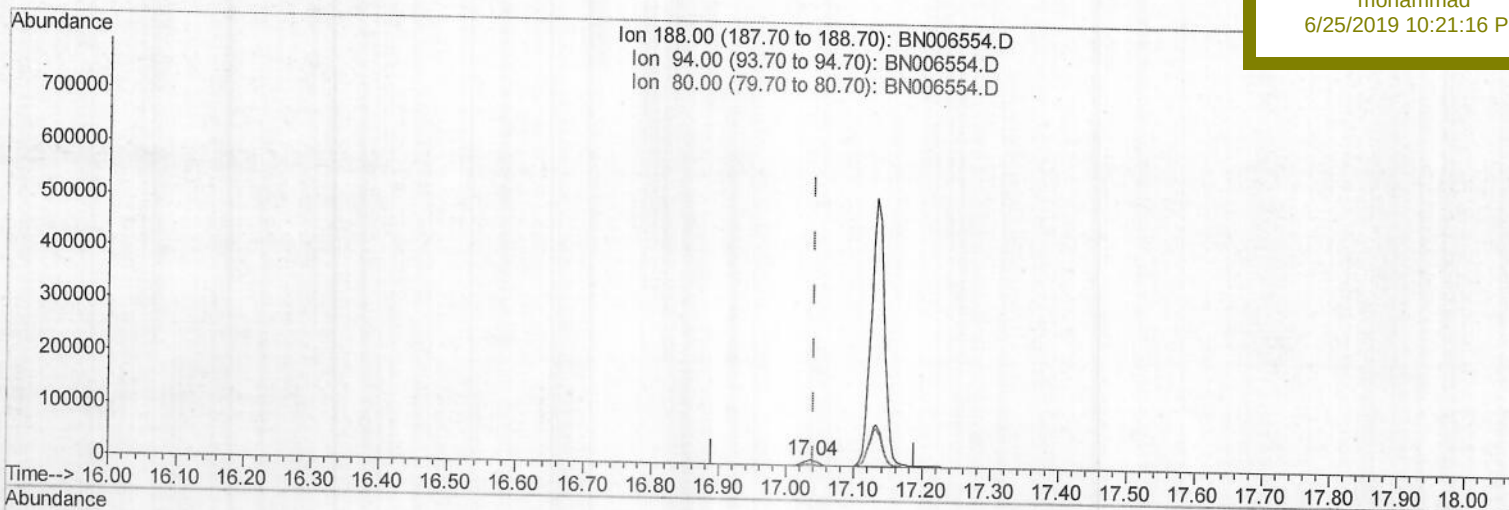
A4214

Manual Integrations

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(10) Phenanthrene-d10 (I)

17.035min (-0.004) 0.40ng/ul m

JU 06/27/19

response 16162

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.42#
80.00	13.60	16.95#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006554.D
Acq On : 25 Jun 2019 04:42
Operator : HP/JU
Sample : K3388-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

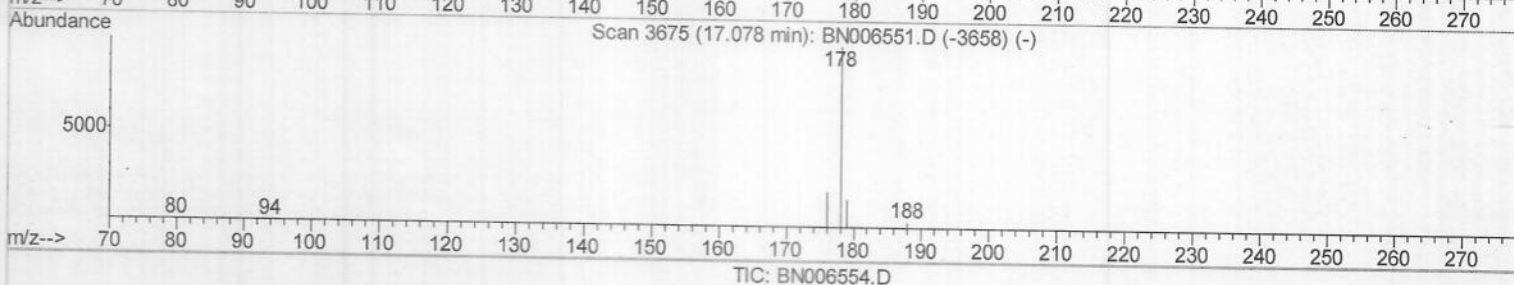
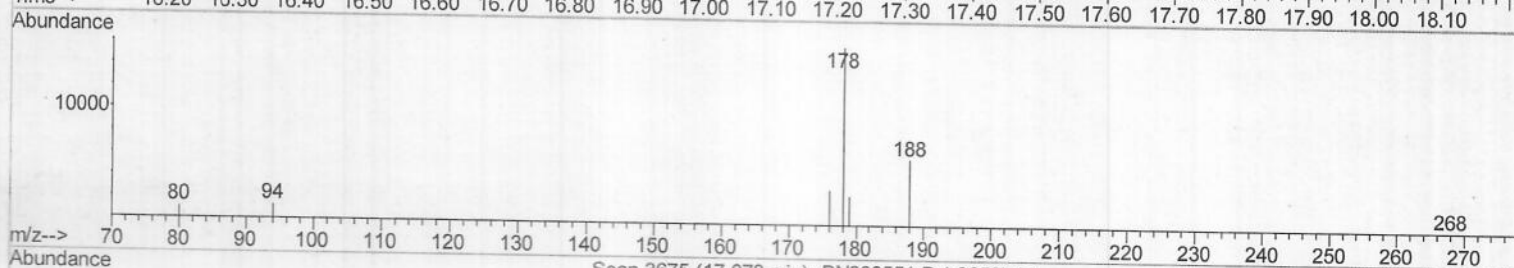
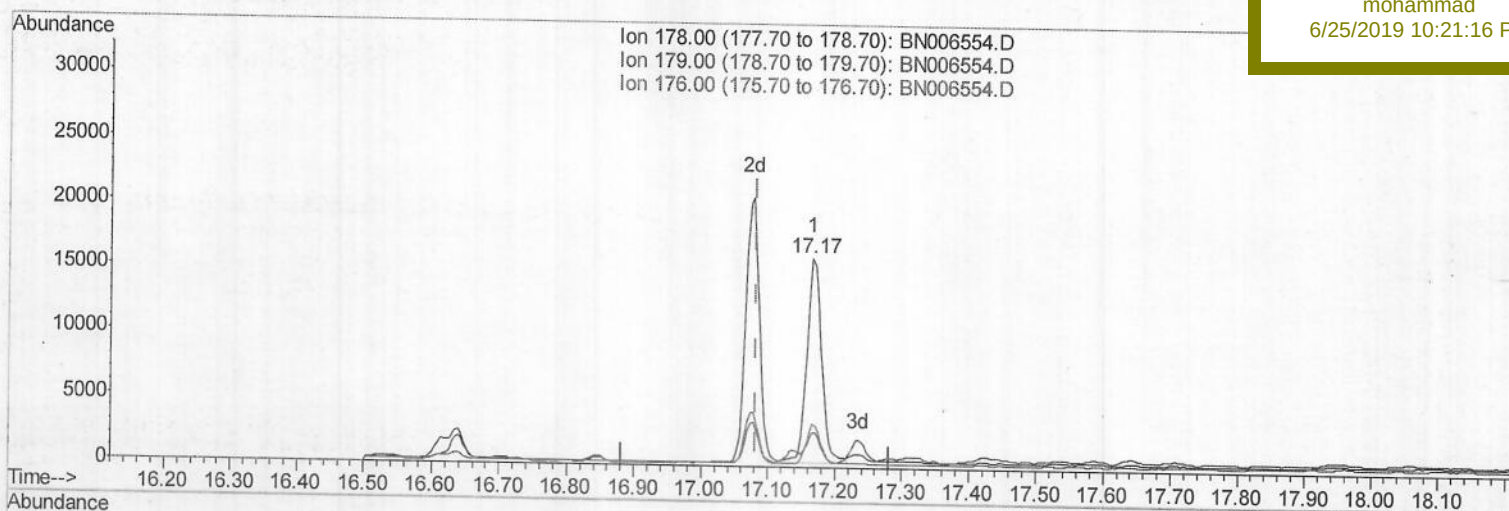
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Manual Integrations

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(12) Phenanthrene

17.166min (+0.084) 0.46ng/ul

response 23957

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.62
176.00	19.10	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

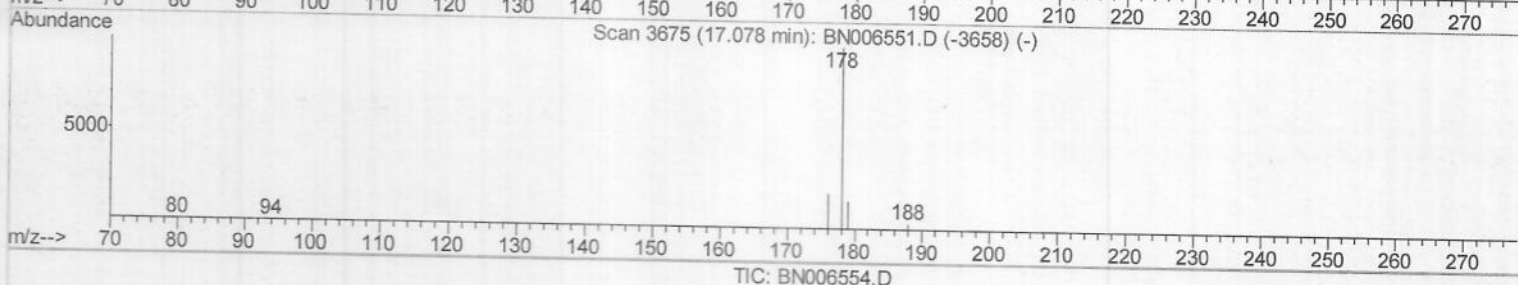
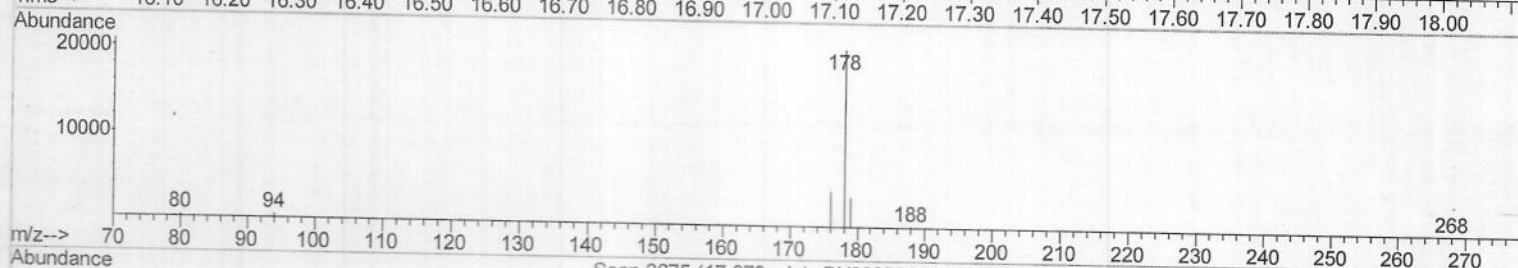
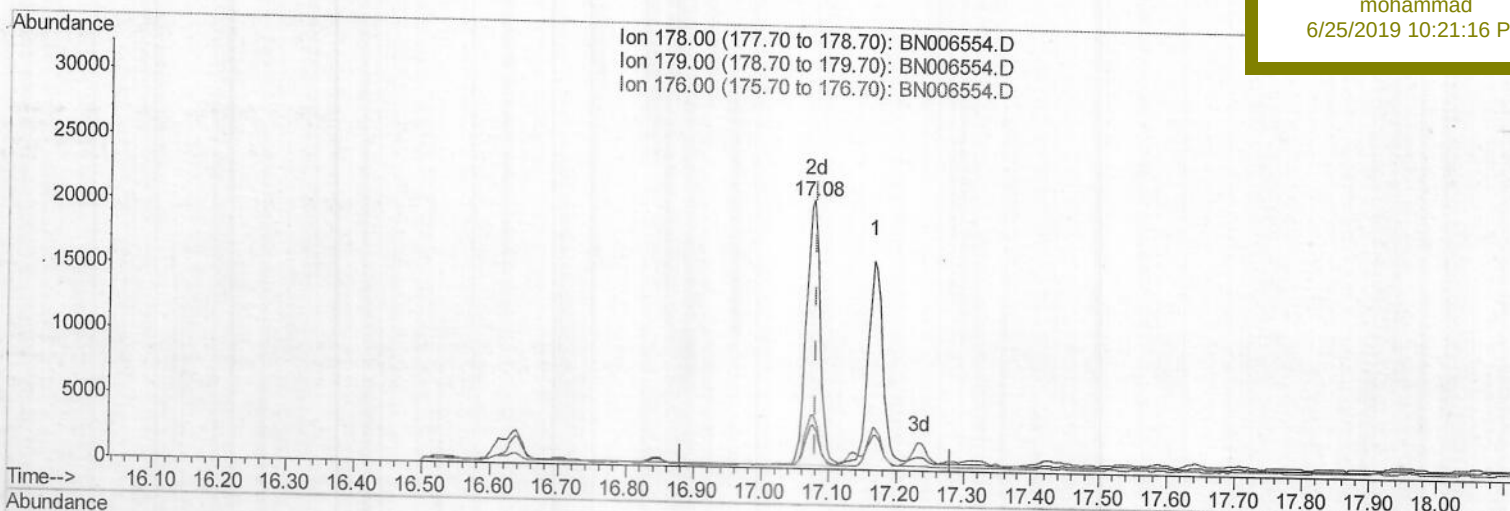
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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(12) Phenanthrene

17.078min (-0.004) 0.55ng/ul m > JU 06/27/19

response 28793

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.59
176.00	19.10	20.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

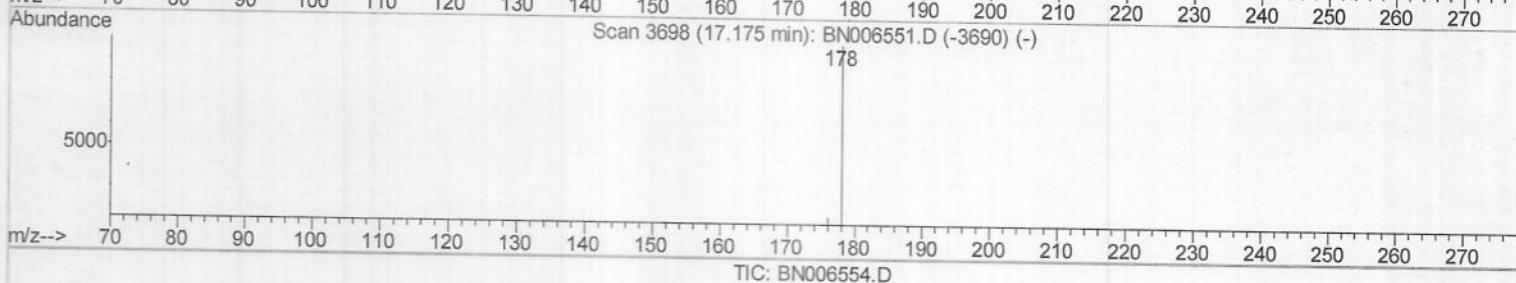
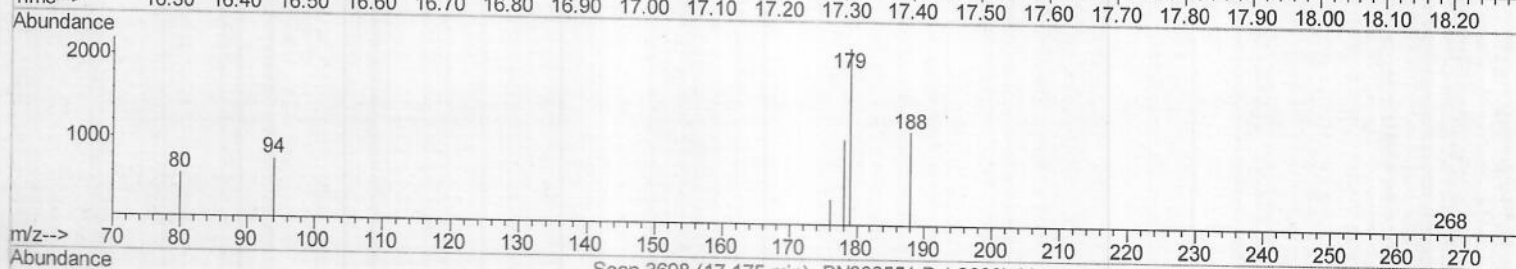
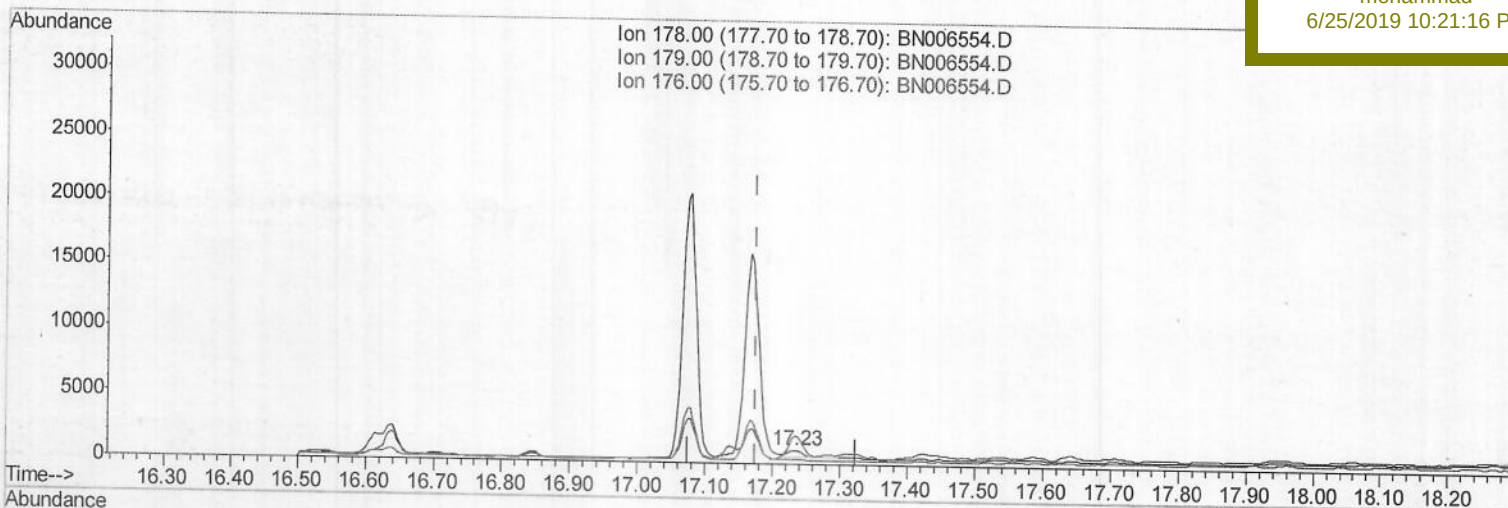
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(13) Anthracene

17.234min (+0.059) 0.02ng/ul

response 829

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	203.83#
176.00	18.90	33.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

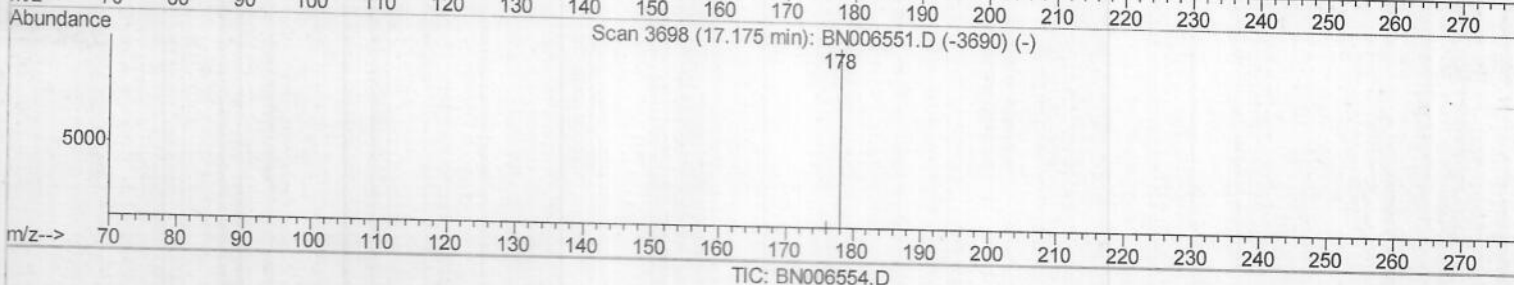
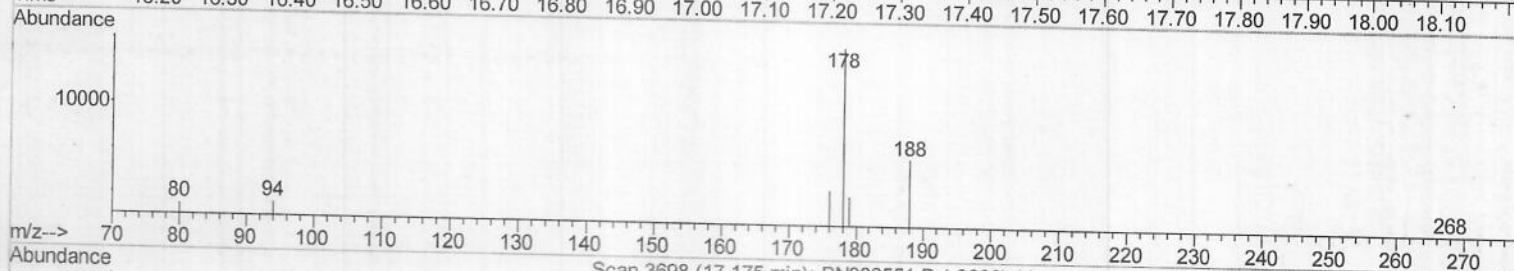
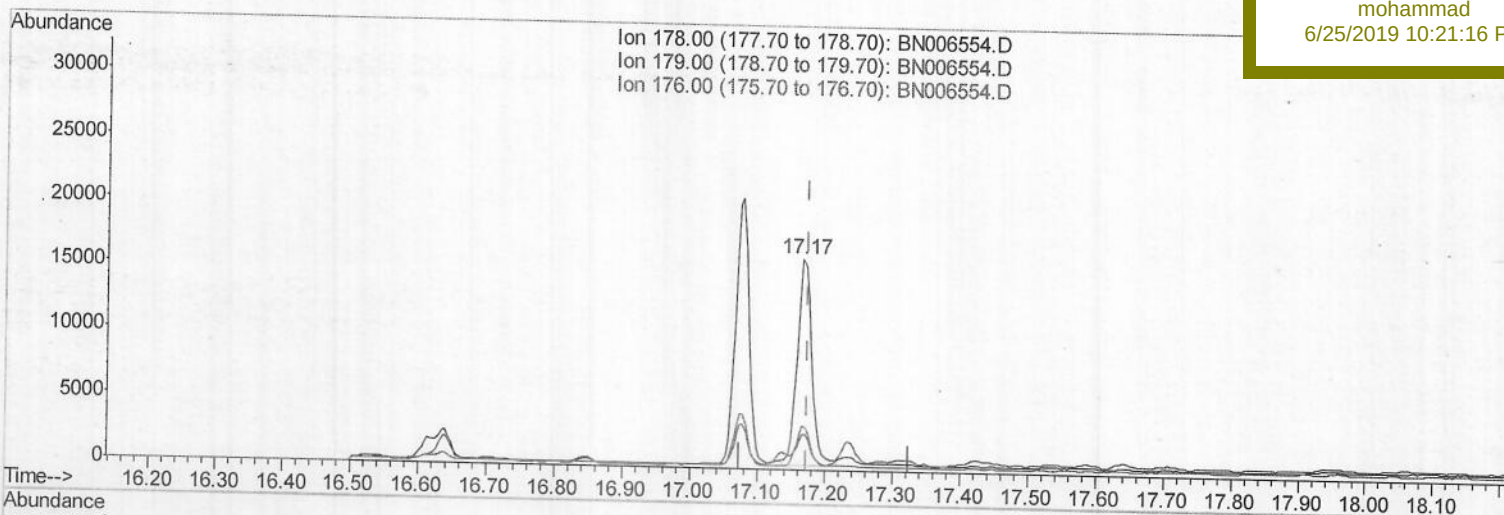
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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TIC: BN006554.D

(13) Anthracene

17.166min (-0.008) 0.48ng/ul m

7 JU 06/27/19

response 23915

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.62
176.00	18.90	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

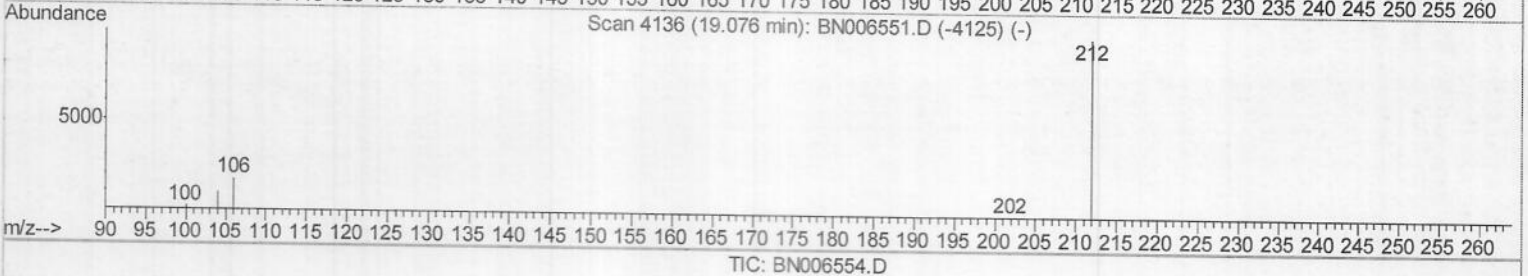
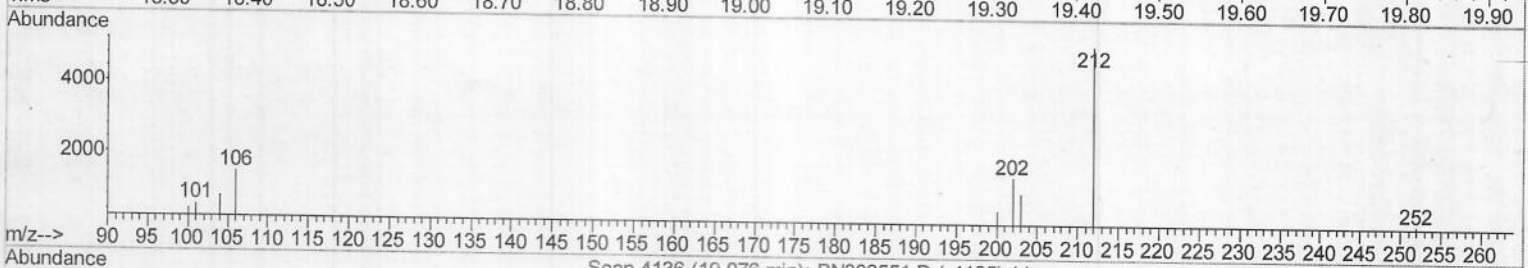
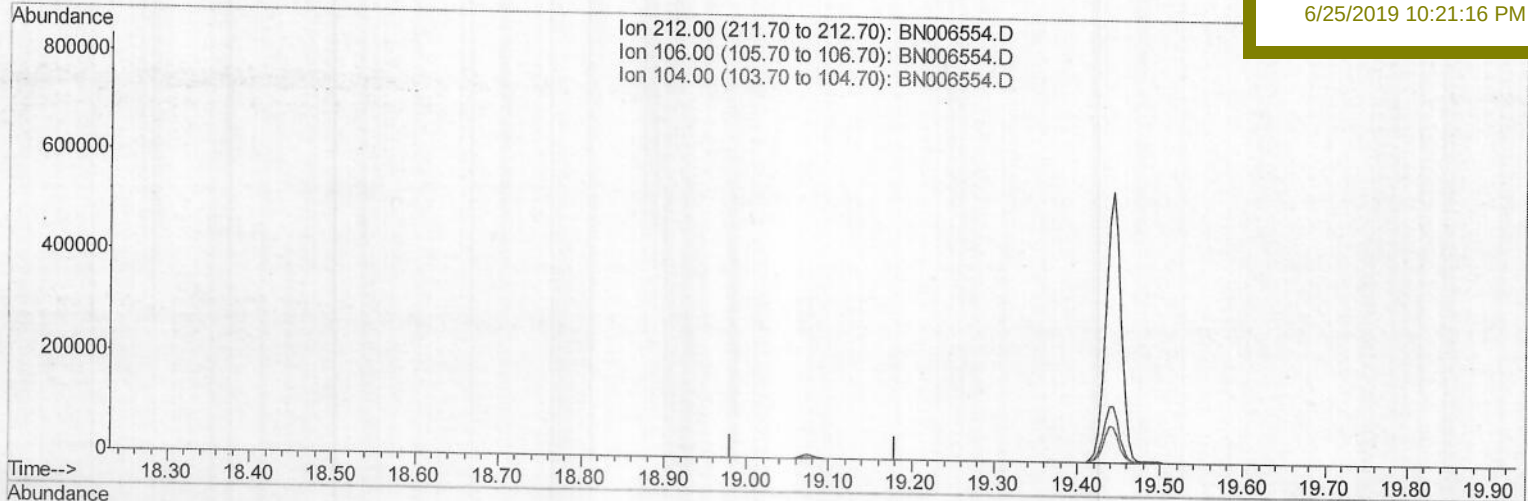
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TIC: BN006554.D

(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 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)

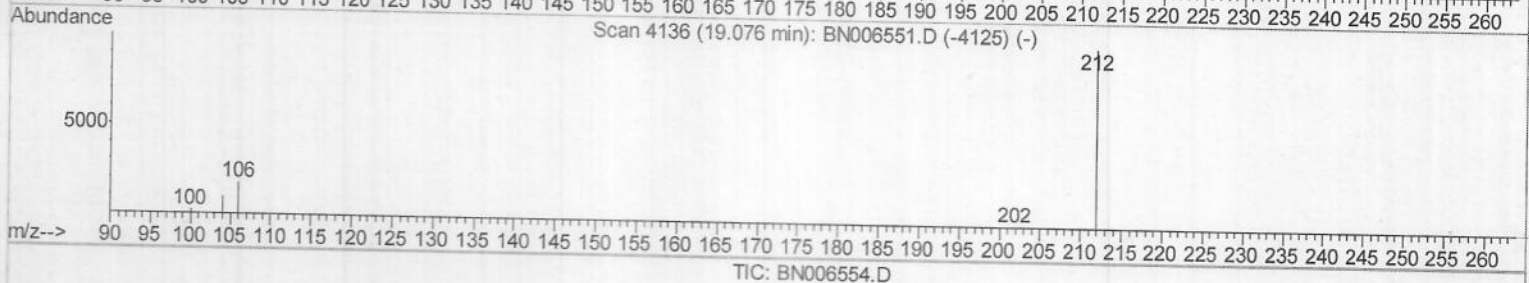
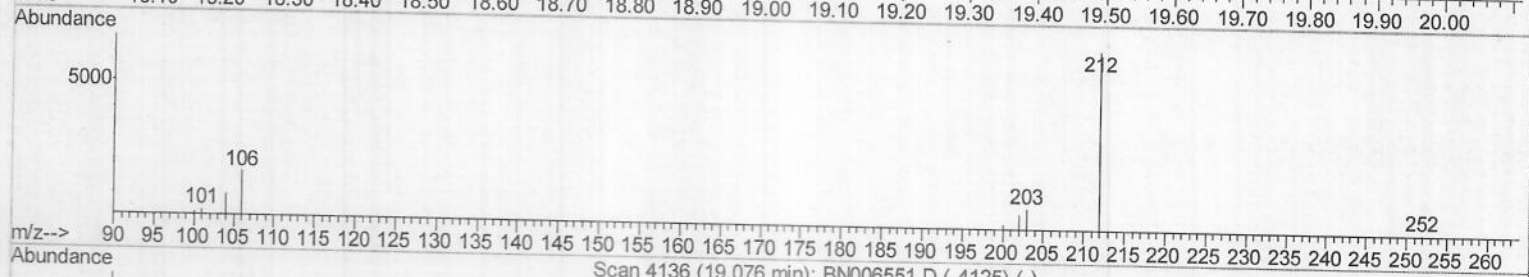
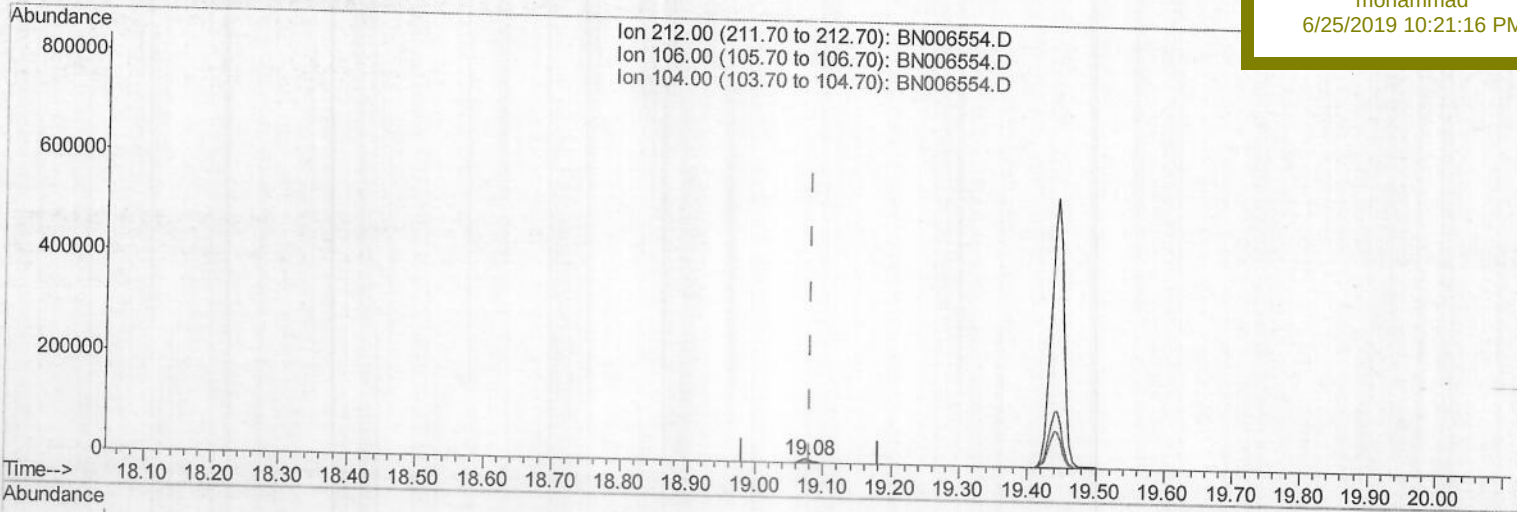
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.076min (-0.005) 0.23ng/ul m

response 9906

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

> JU 06/27/19

Quantitation Report (Qedit)

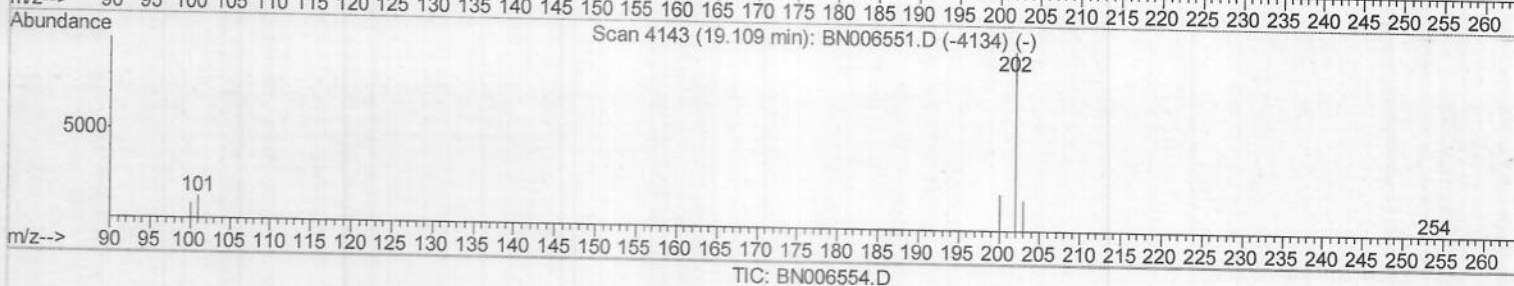
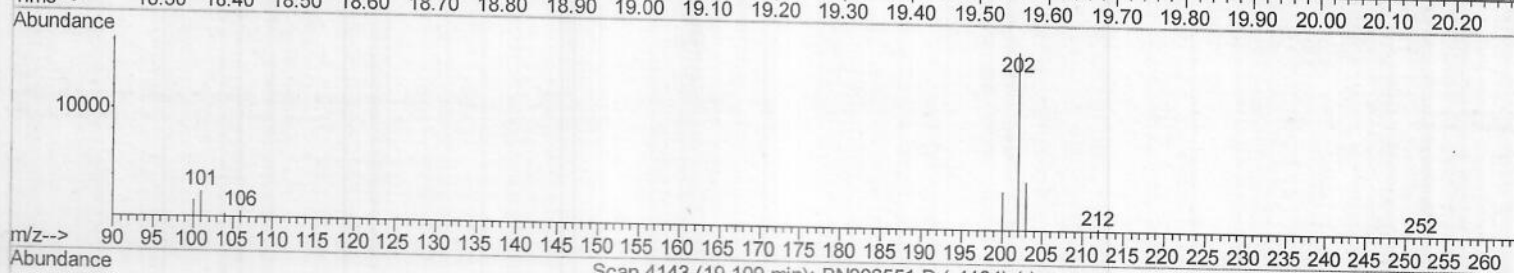
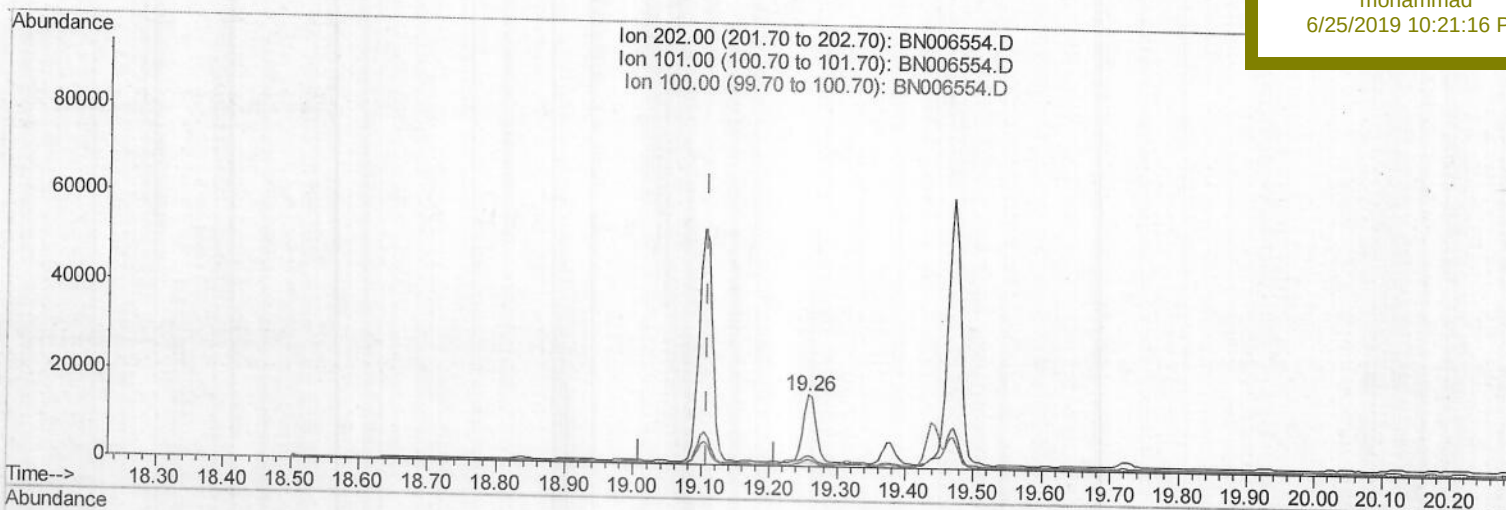
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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(15) Fluoranthene (C)
 19.257min (+0.149) 0.36ng/ul
 response 20477

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	15.74
100.00	8.70	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

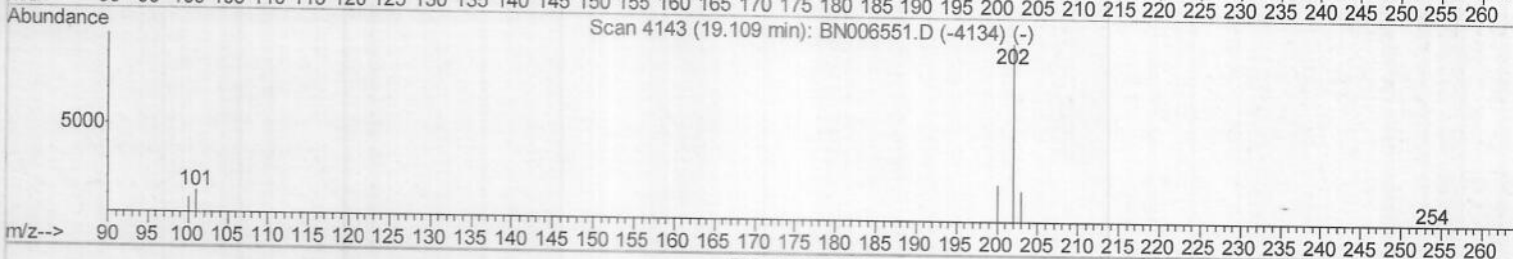
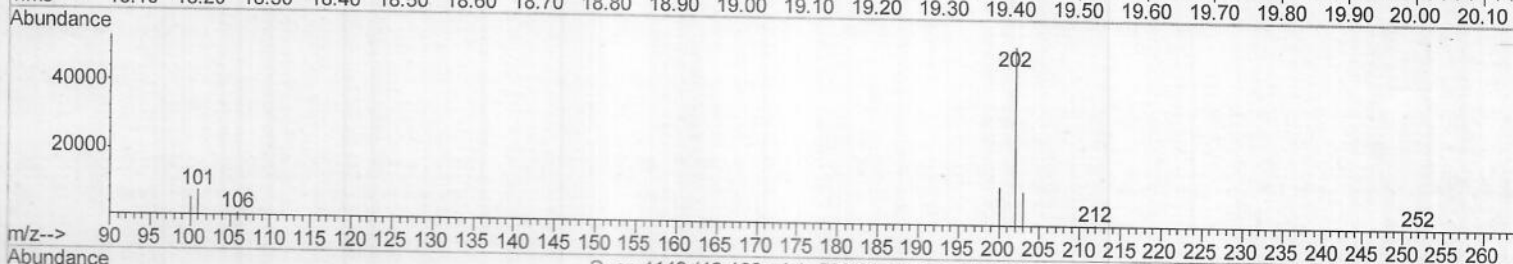
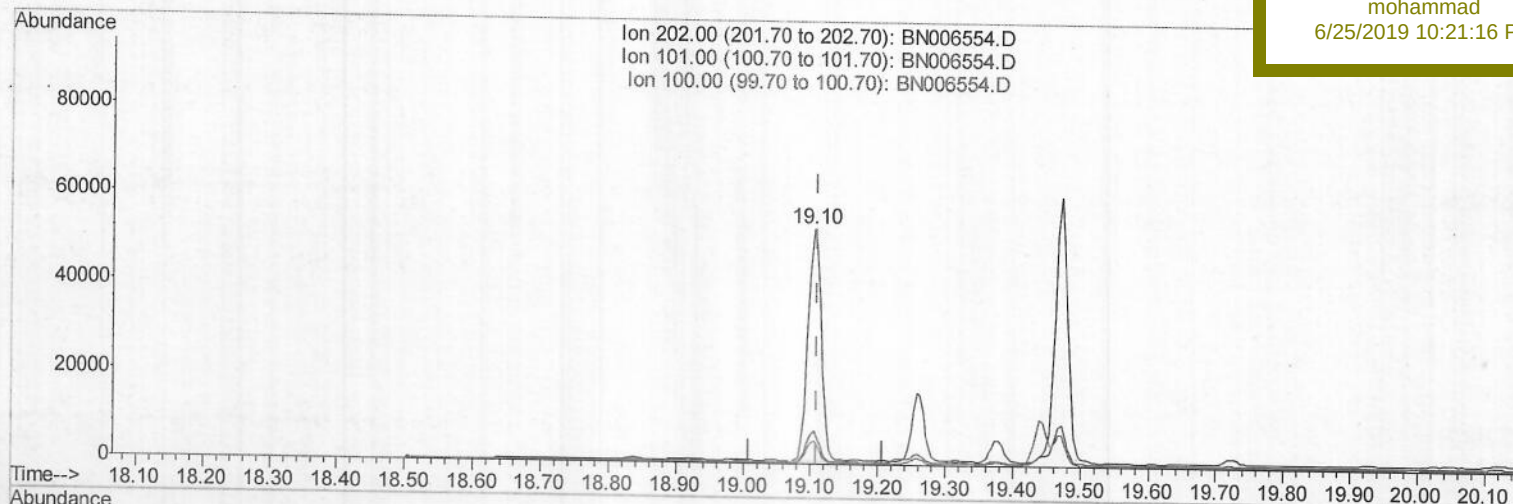
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM



(15) Fluoranthene (C)

19.104min (-0.005) 1.25ng/ul m *7 JU 06/27/19*

response 71693

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.00
100.00	8.70	9.82
0.00	0.00	0.00

Quantitation Report (Qedit)

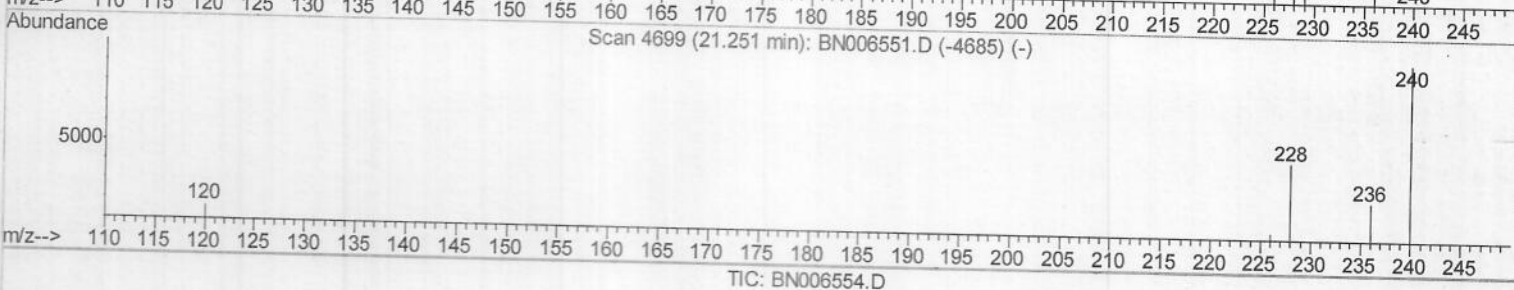
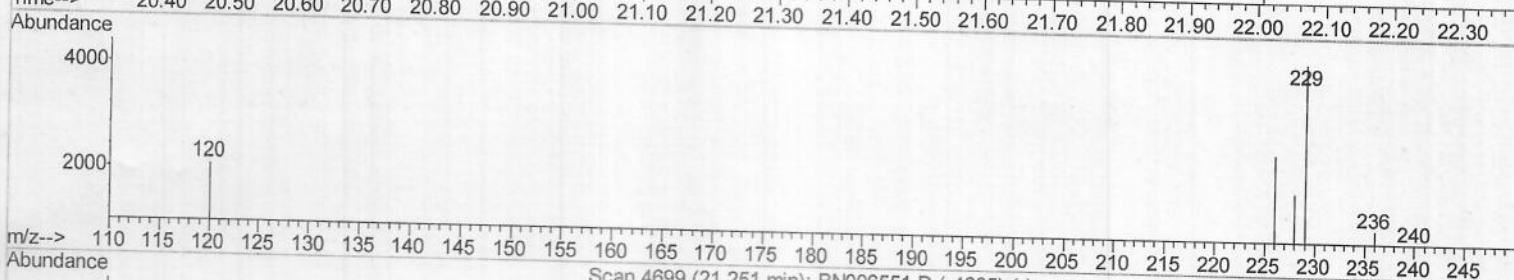
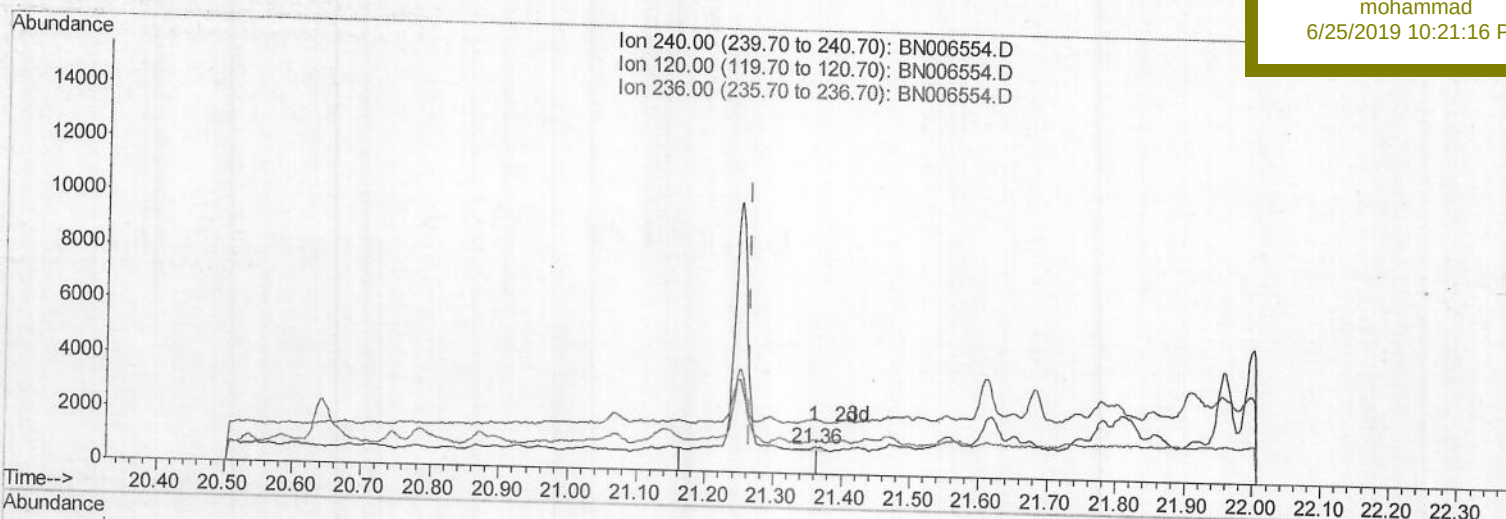
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM



(16) Chrysene-d12 (I)

21.360min (+0.095) 0.40ng/ul

response 183

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	210.79#
236.00	30.10	125.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:29:56 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

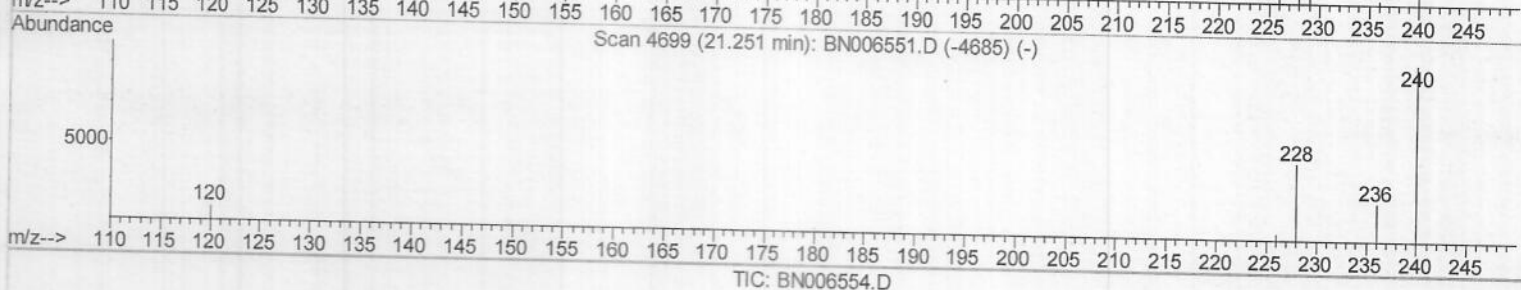
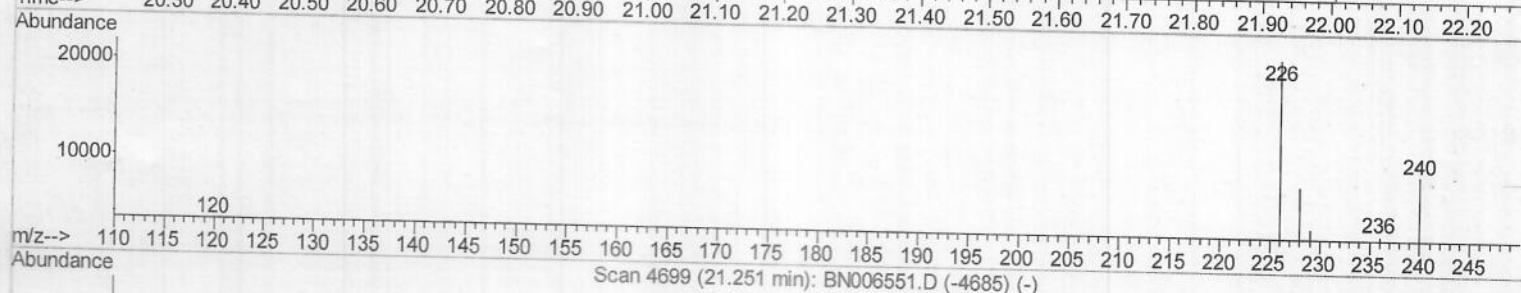
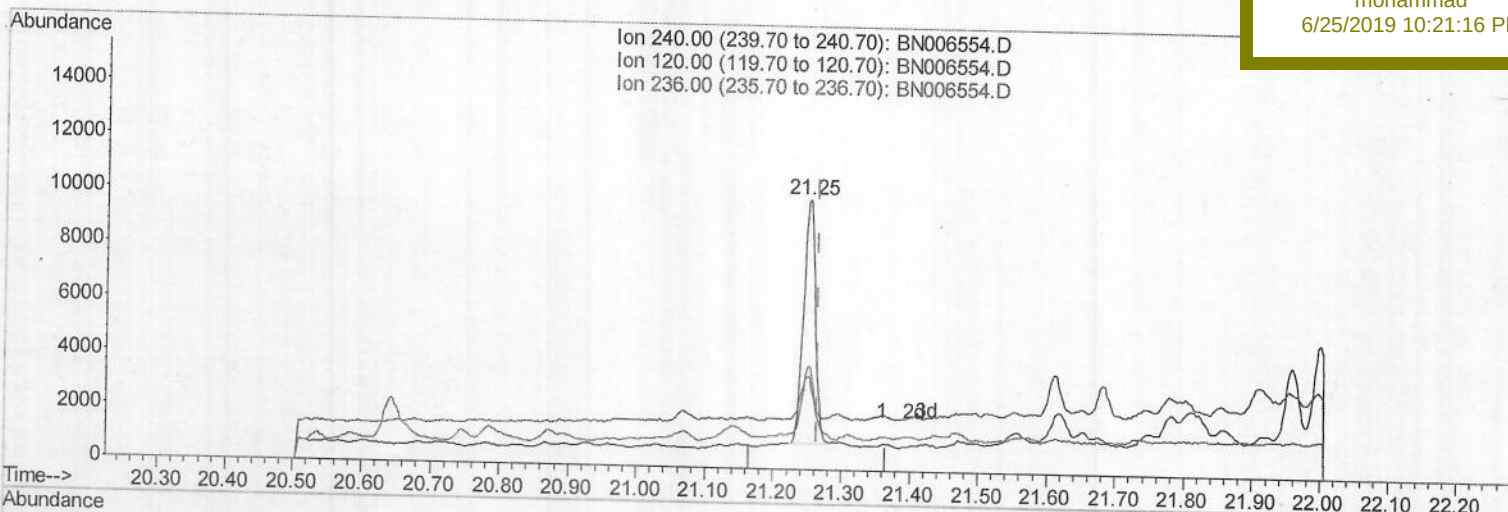
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Manual Integrations

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6/25/2019 10:21:16 PM



(16) Chrysene-d12 (I)

21.252min (-0.013) 0.40ng/ul m

> JU 06/27/19

response 10990

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	33.96#
236.00	30.10	38.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

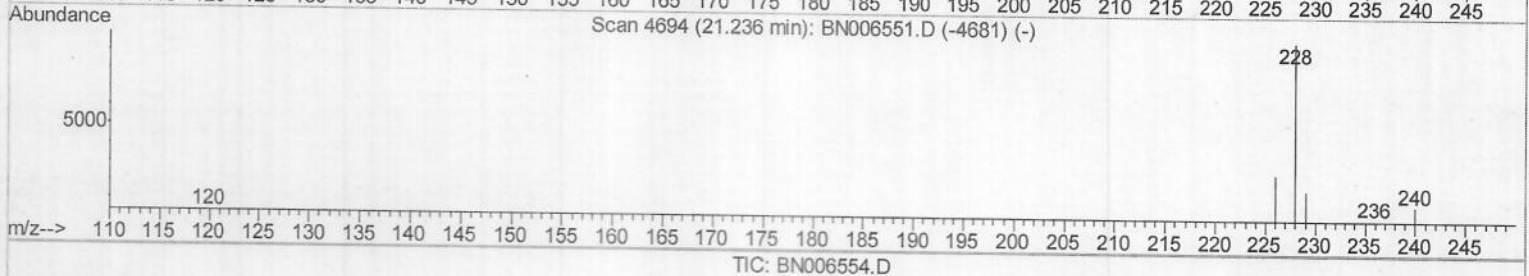
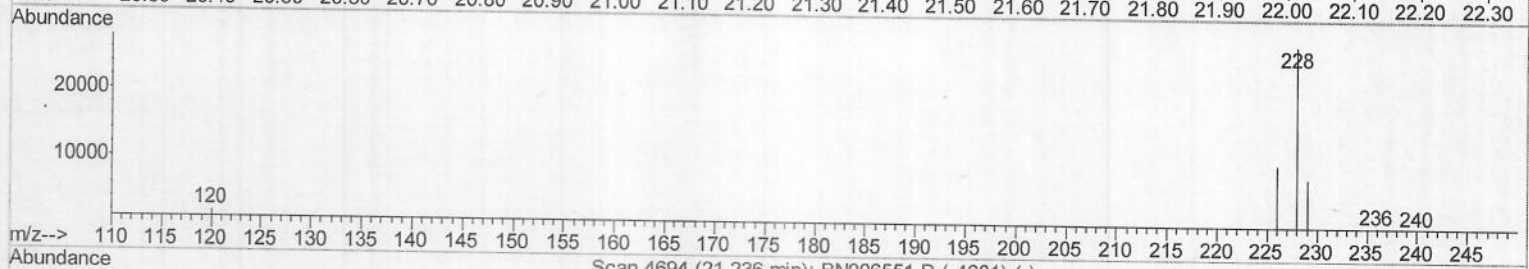
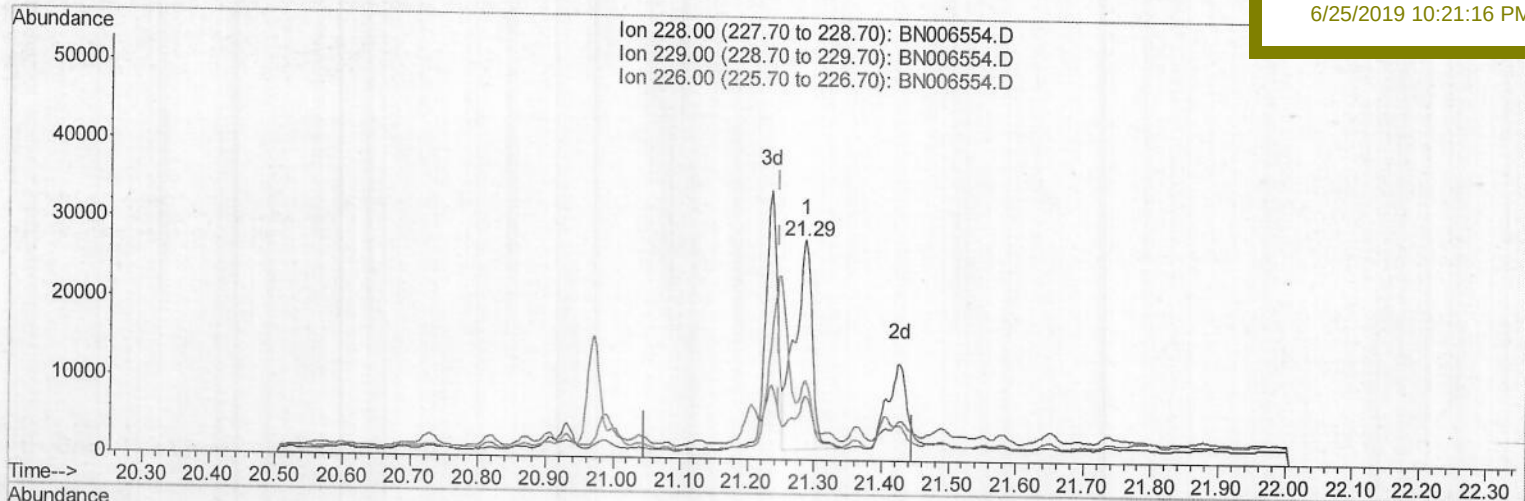
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Manual Integrations

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(18) Benzo(a)anthracene

21.287min (+0.040) 1.01ng/ul

response 48989

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	29.48#
226.00	28.50	36.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

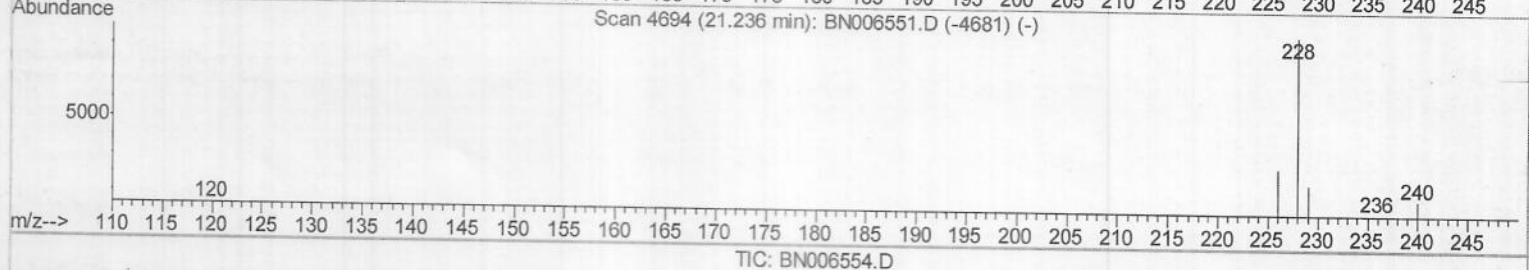
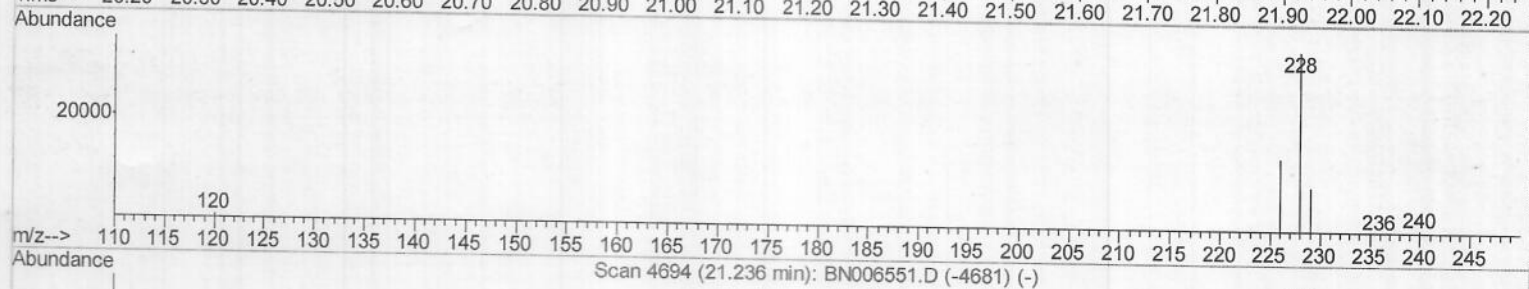
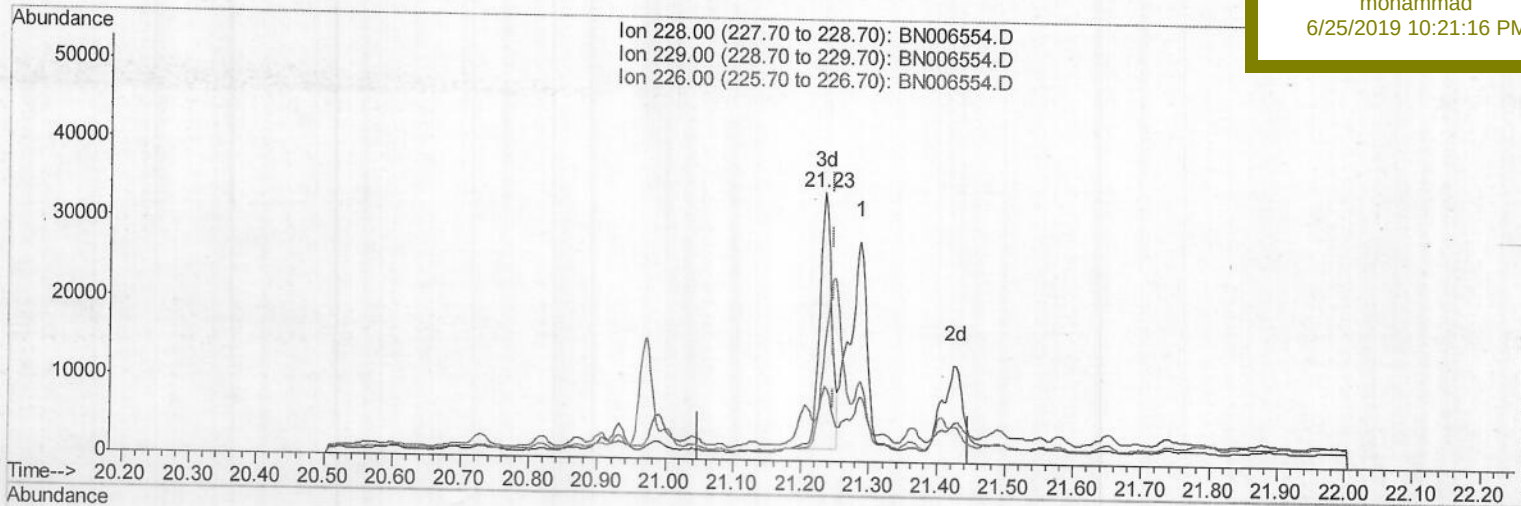
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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(18) Benzo(a)anthracene

21.235min (-0.013) 0.83ng/ul m > JU 06/27/19

response 40304

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	28.12#
226.00	28.50	43.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

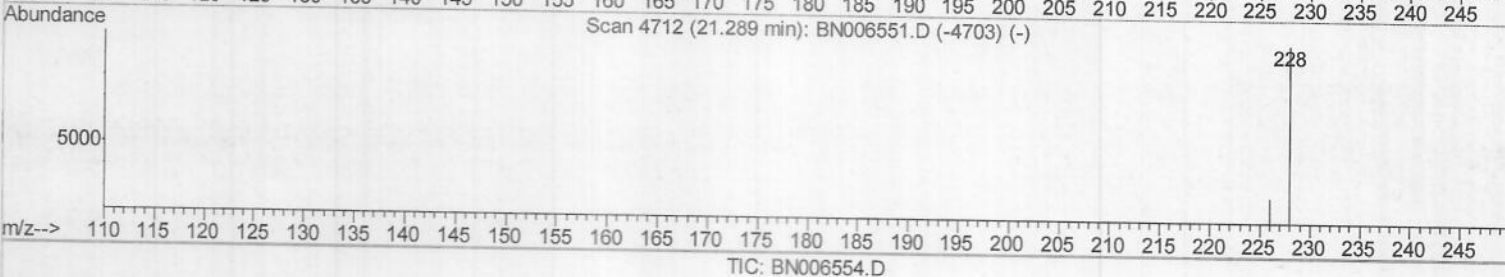
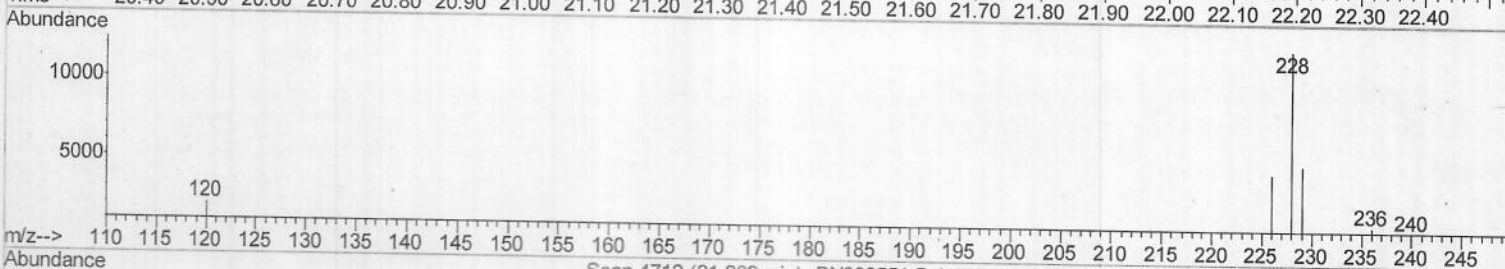
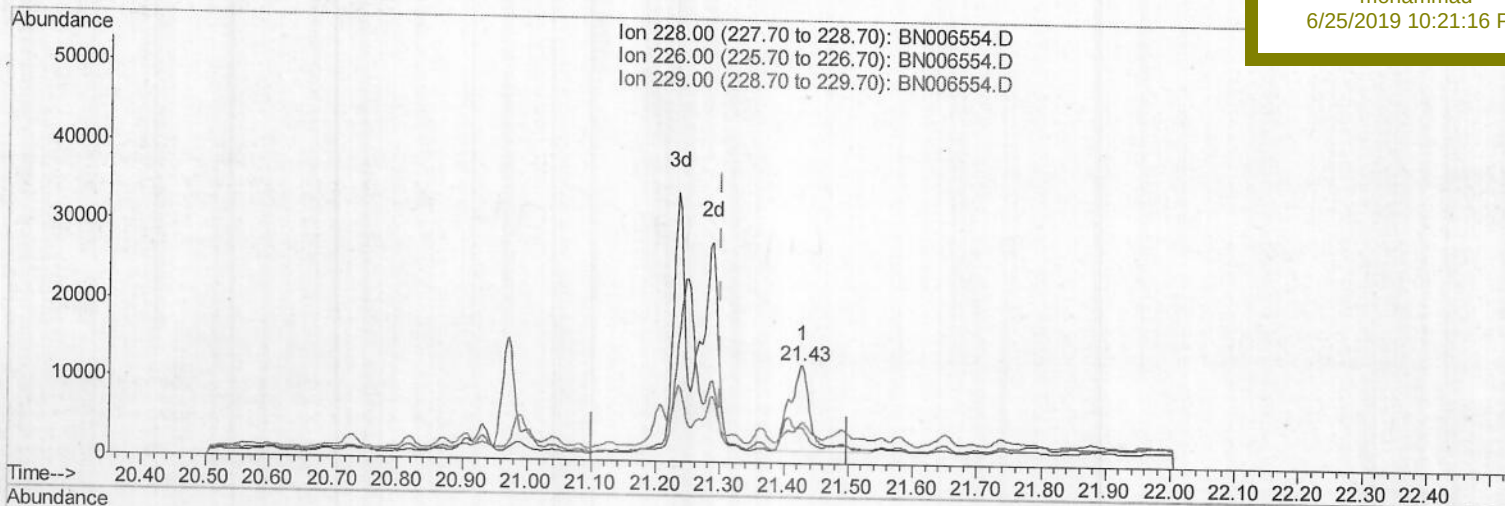
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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TIC: BN006554.D

(19) Chrysene

21.428min (+0.127) 0.56ng/ul

response 25559

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	36.68
229.00	20.40	41.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

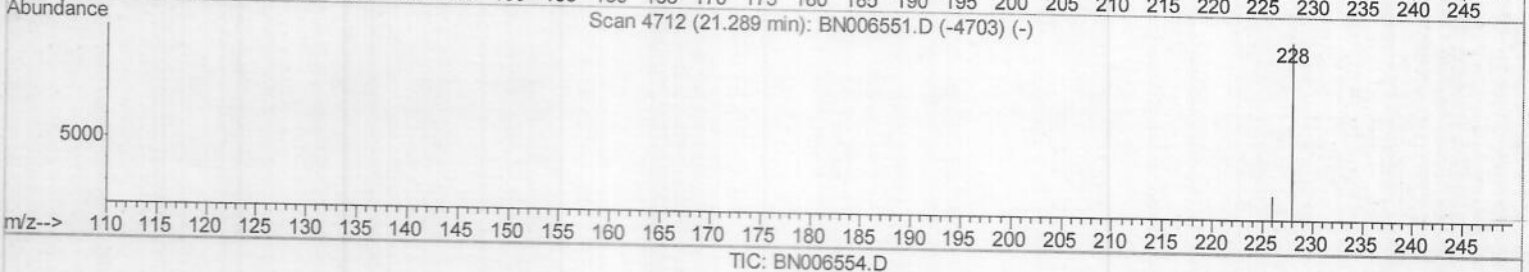
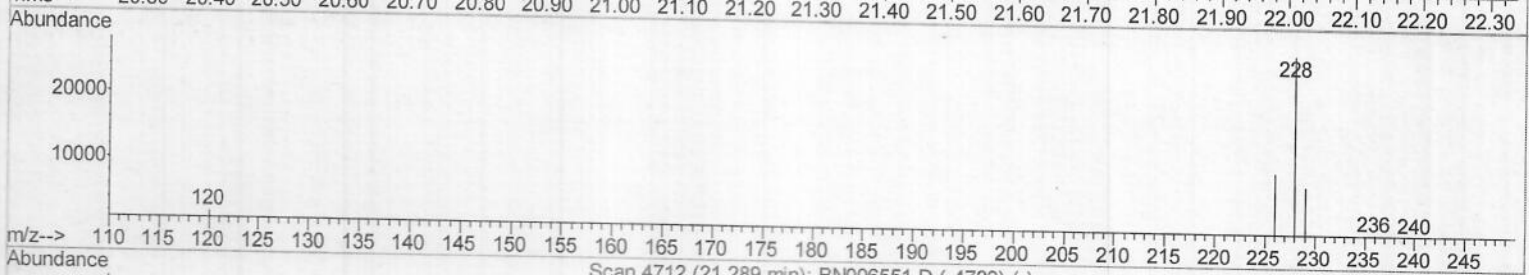
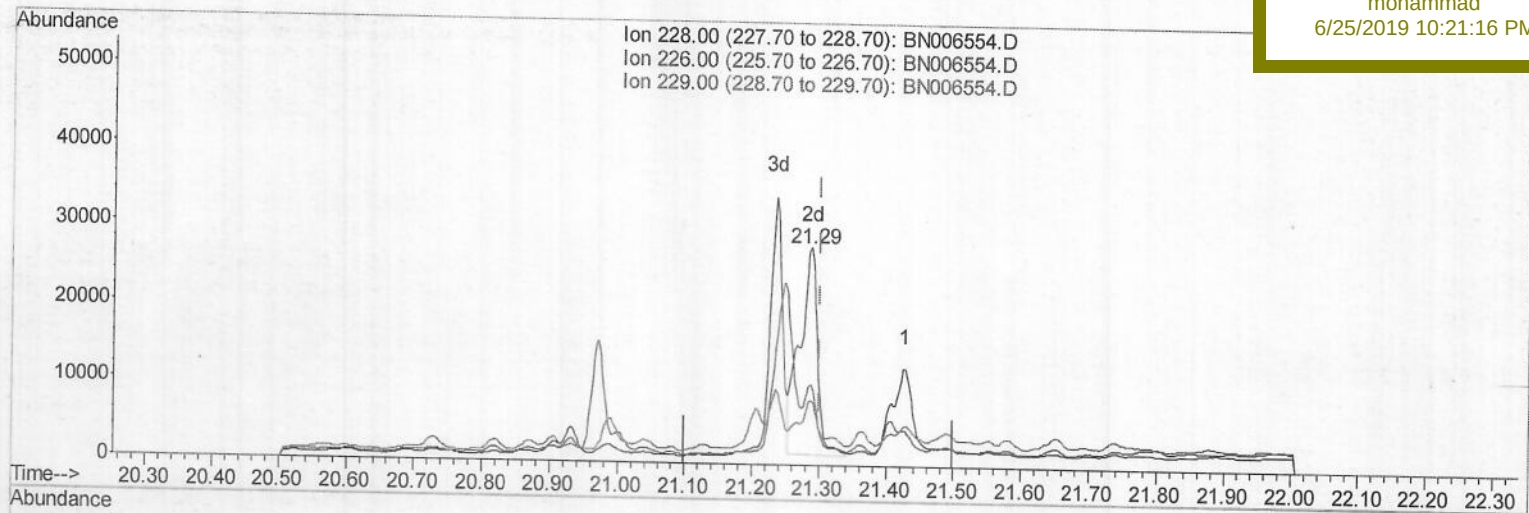
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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(19) Chrysene

21.287min (-0.013) 1.09ng/ul m

response 49578

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	36.82
229.00	20.40	29.48#
0.00	0.00	0.00

7 JU 06/24/19

Quantitation Report (Qedit)

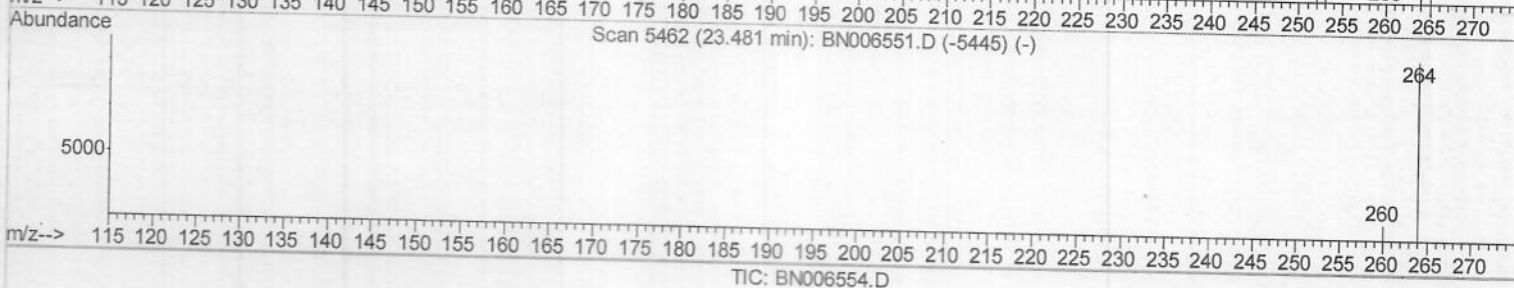
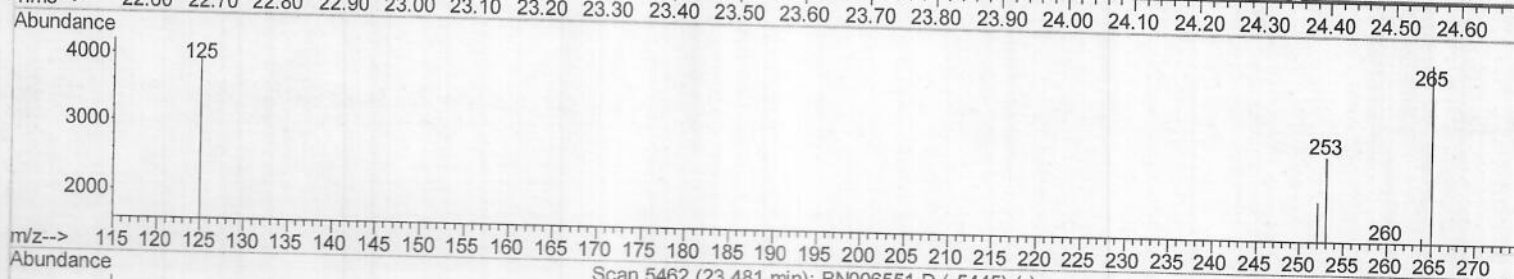
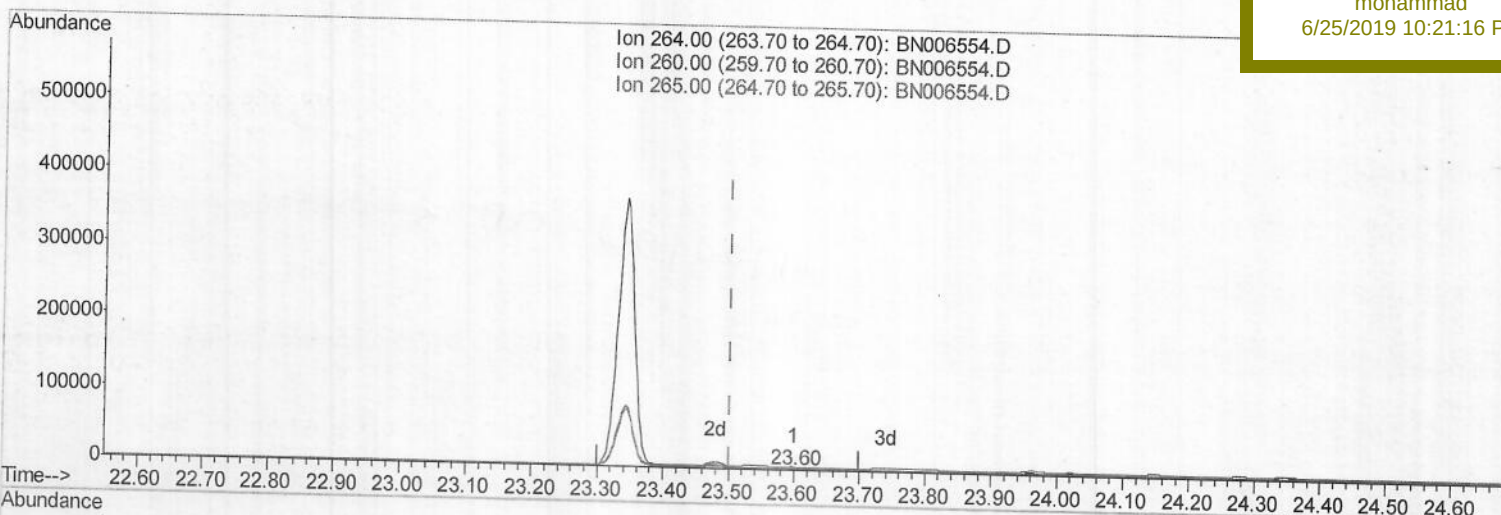
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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(20) Perylene-d12 (I)

23.599min (+0.098) 0.40ng/ul

response 1428

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	94.85#
265.00	44.70	254.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

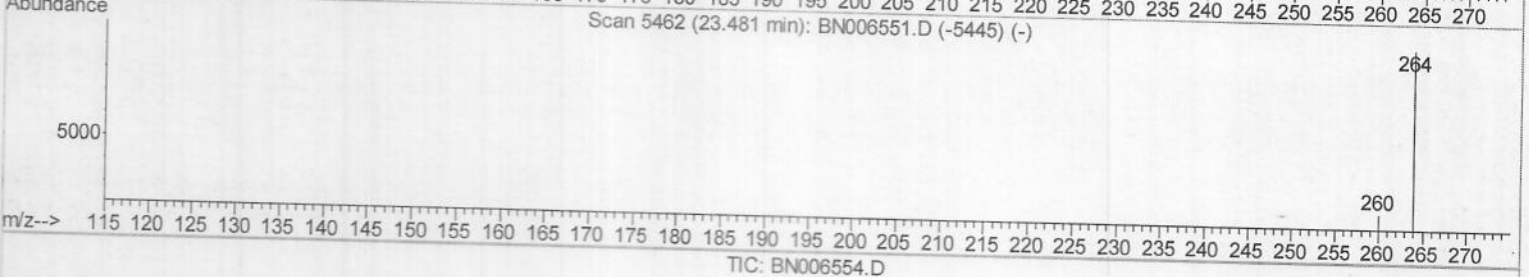
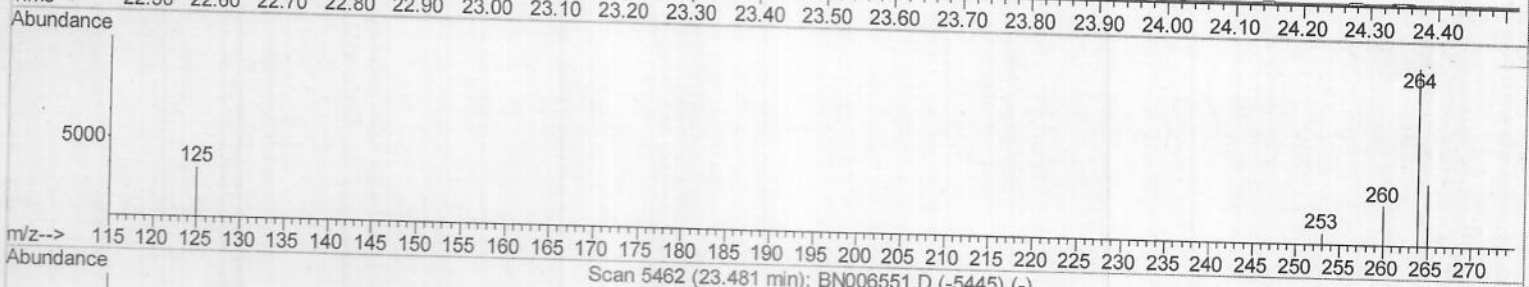
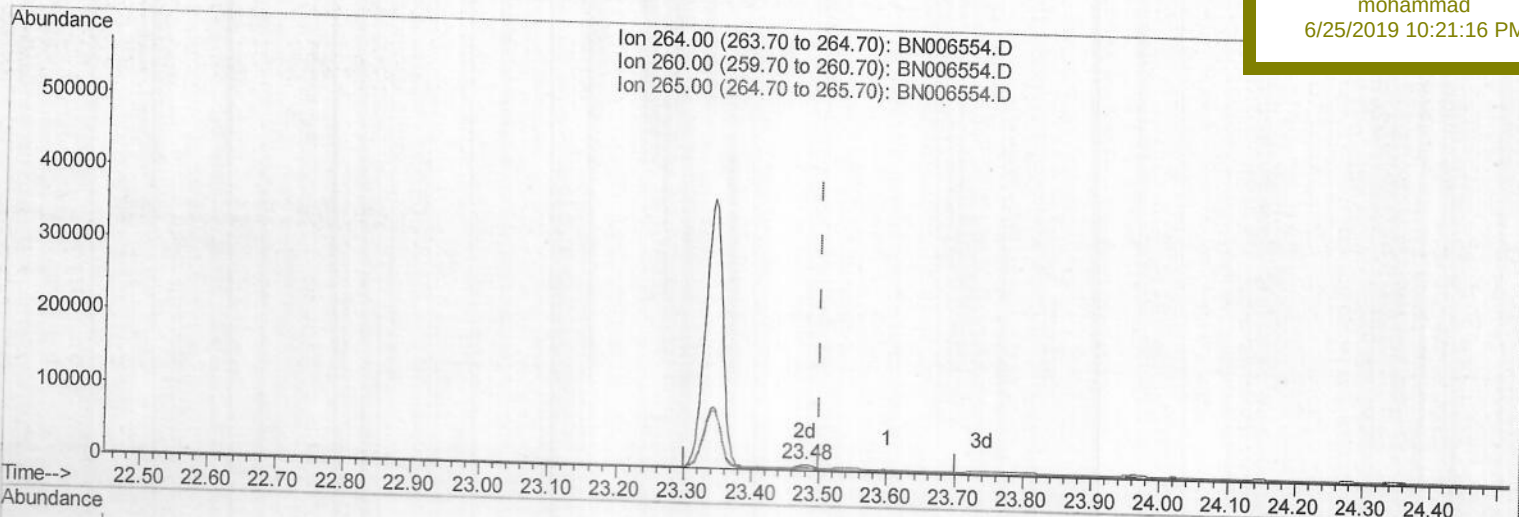
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Quant Time: Jun 25 07:31:40 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.479min (-0.022) 0.40ng/ul m

response 12792

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	40.36#
265.00	44.70	50.18
0.00	0.00	0.00

7 JU 06/27/19

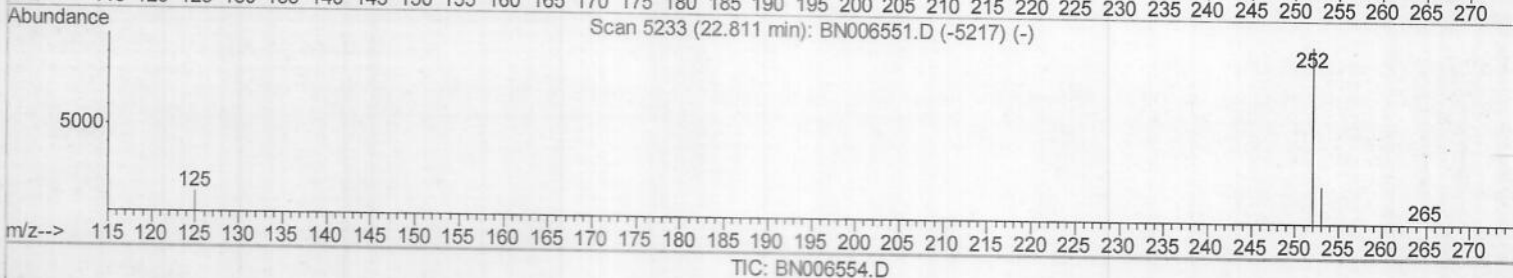
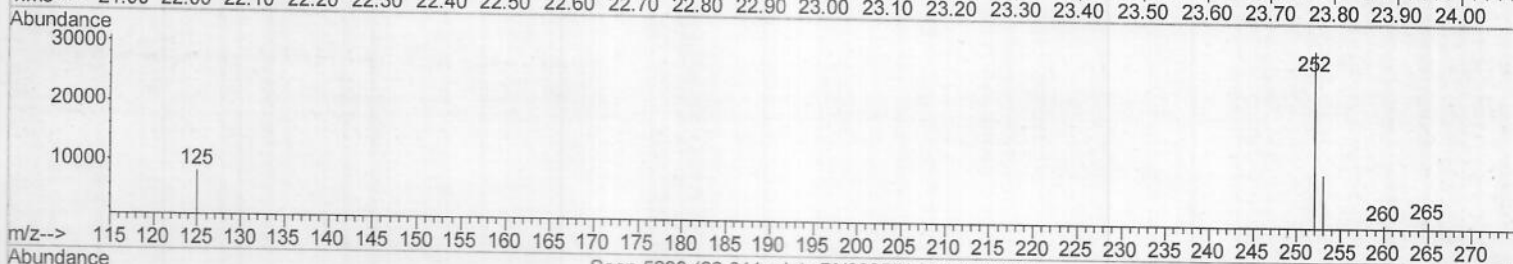
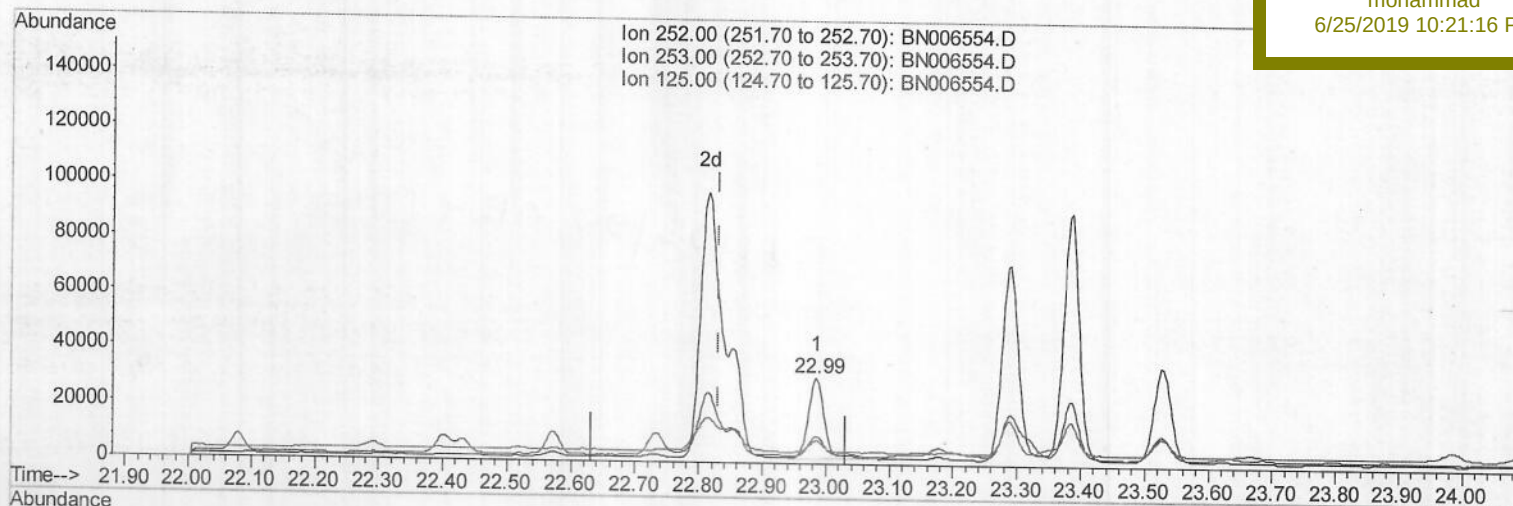
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006554.D
Acq On : 25 Jun 2019 04:42
Operator : HP/JU
Sample : K3388-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4214

Manual Integrations
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6/25/2019 10:21:16 PM



(21) Benzo(b)fluoranthene
22.985min (+0.154) 0.95ng/ul
response 50659

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	31.94
125.00	20.50	26.72
0.00	0.00	0.00

Quantitation Report (Qedit)

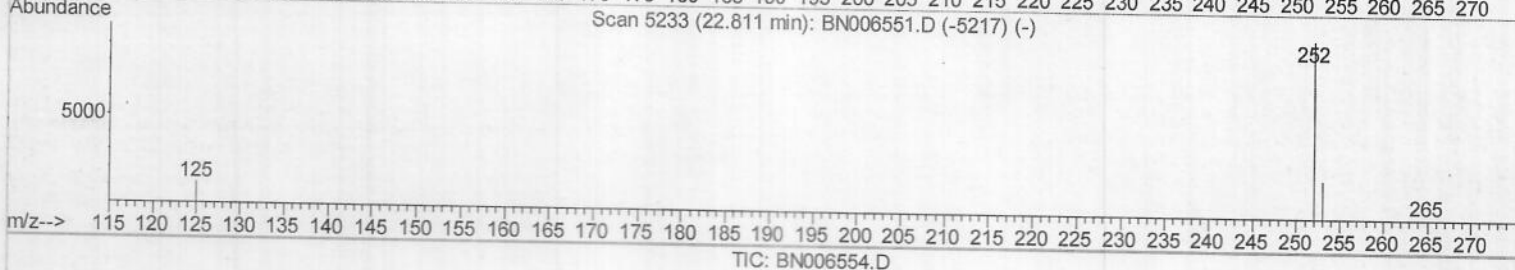
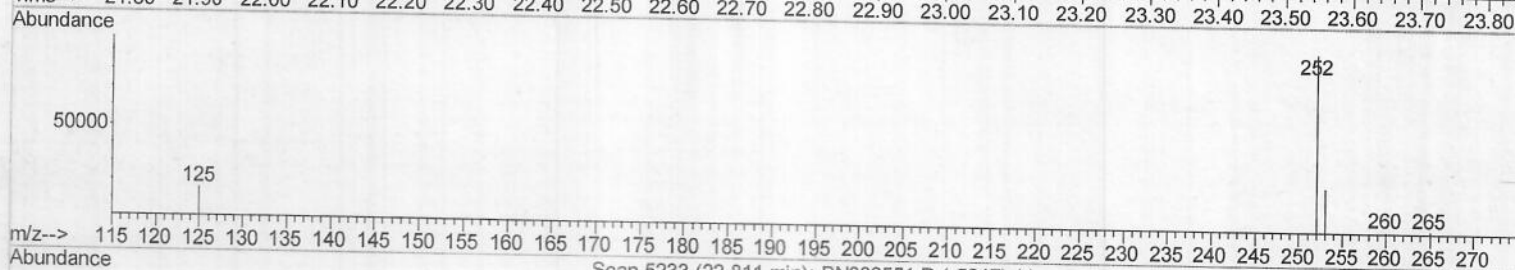
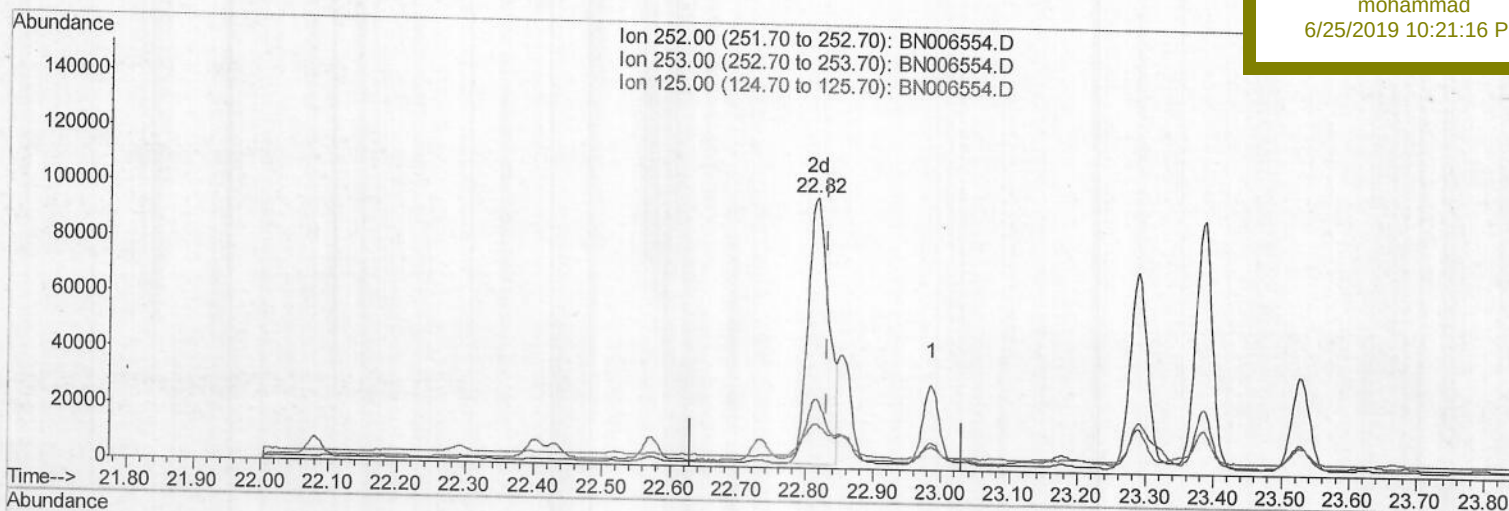
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.816min (-0.016) 3.79ng/ul m

7 JU 06/27/19

response 202289

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.28
125.00	20.50	16.52
0.00	0.00	0.00

Quantitation Report (Qedit)

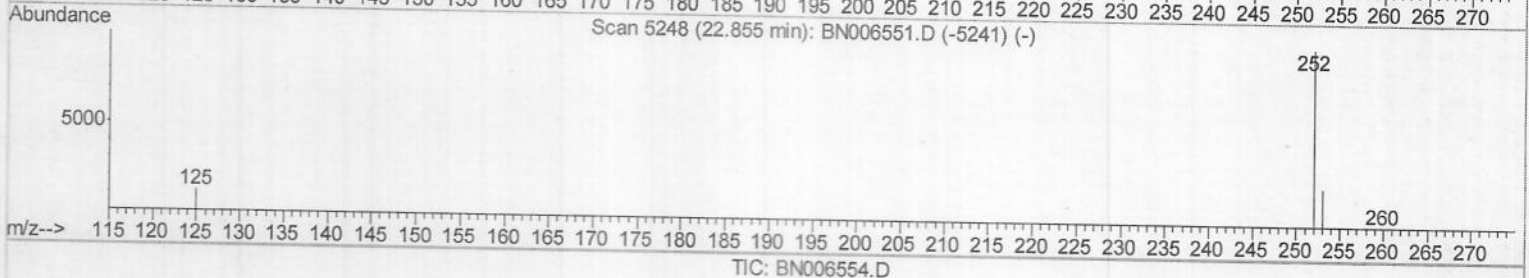
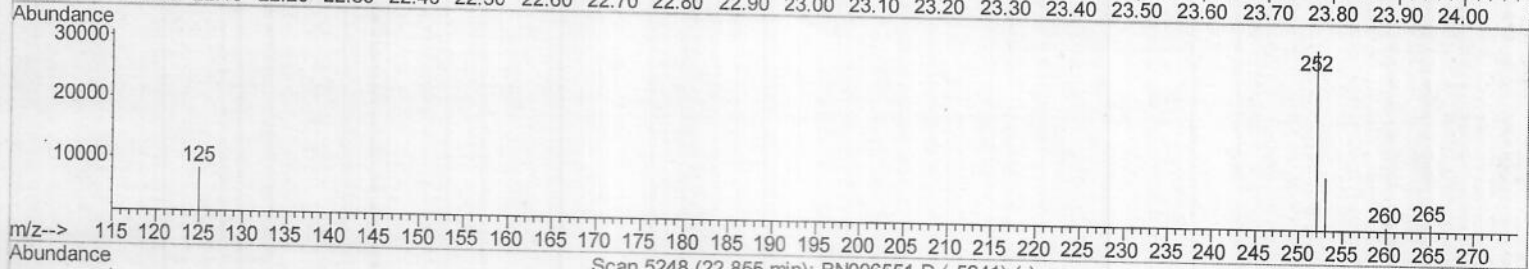
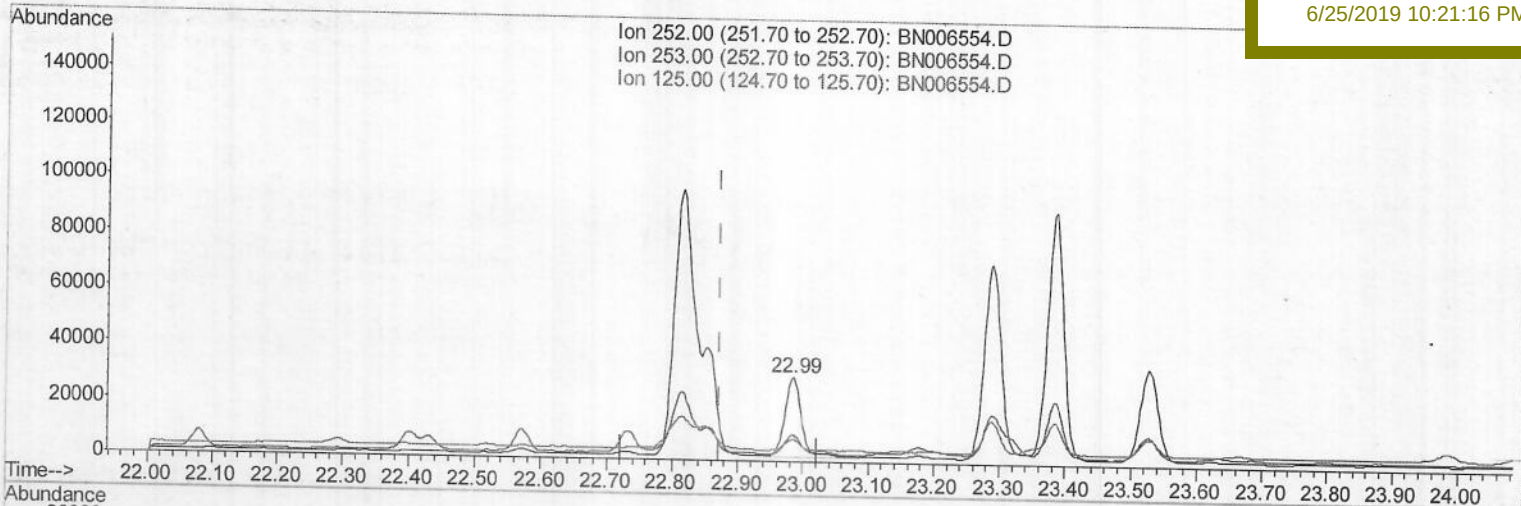
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM



(22) Benzo(k)fluoranthene
 22.985min (+0.113) 0.97ng/ul
 response 50247

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	31.94#
125.00	17.90	26.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

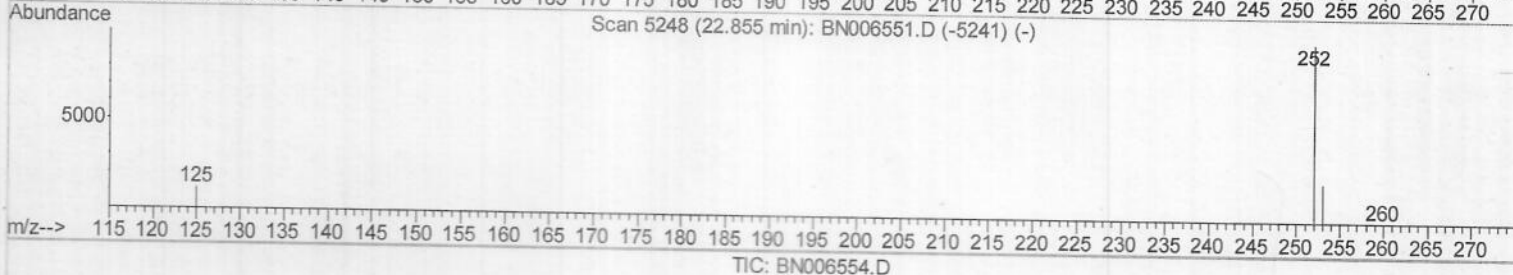
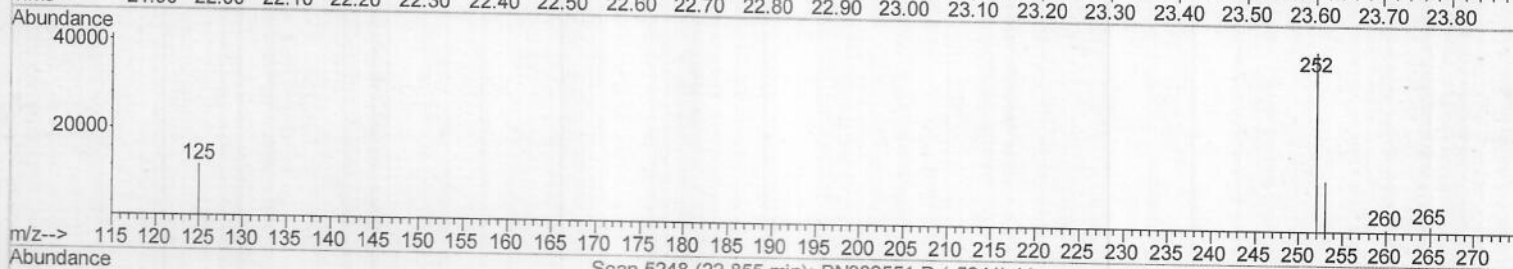
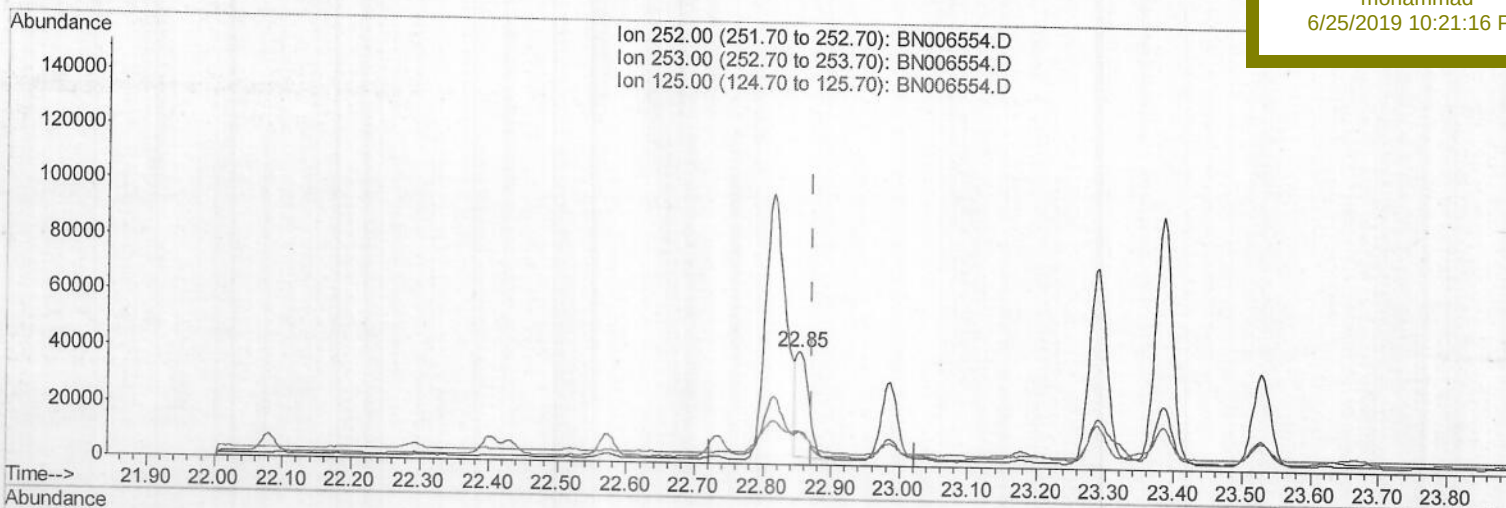
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 A4214

Manual Integrations
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(22) Benzo(k)fluoranthene

22.854min (-0.019) 0.97ng/ul m

> JU 06/27/19

response 50639

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.64
125.00	17.90	29.73#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019

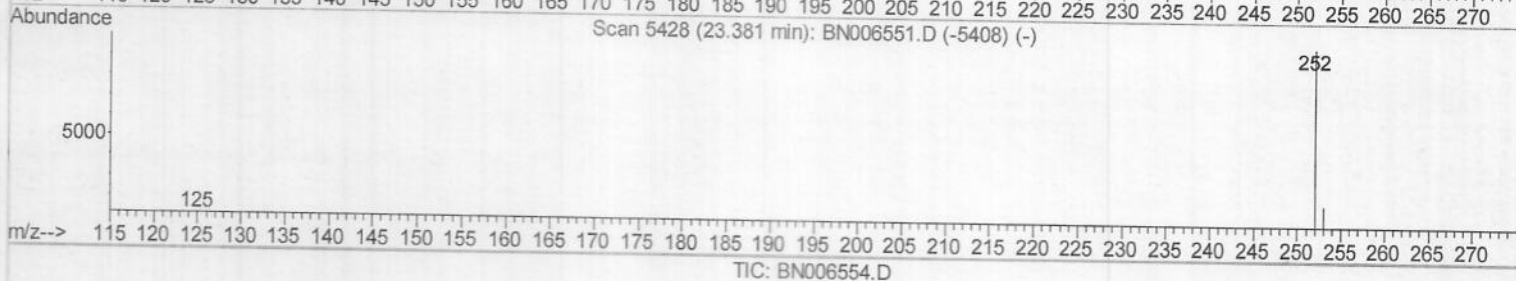
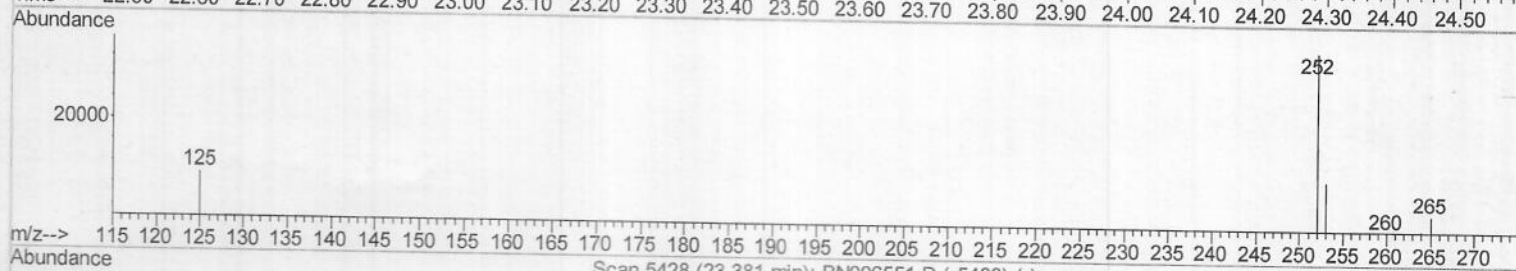
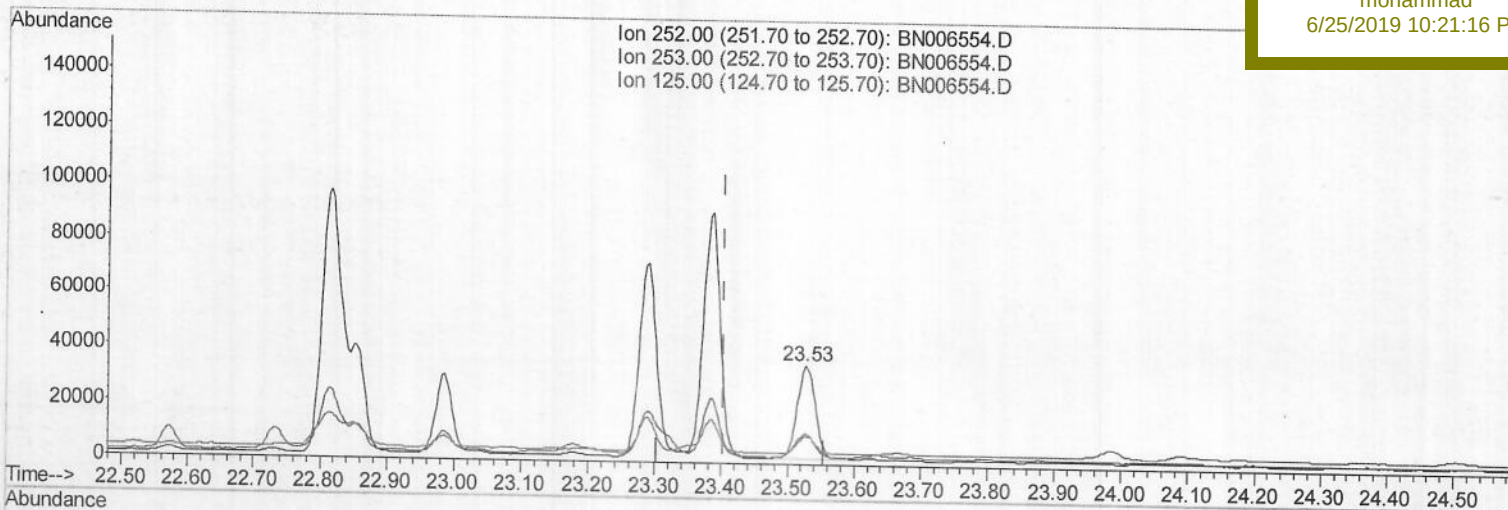
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A4214

Manual Integrations
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6/25/2019 10:21:16 PM

(23) Benzo(a)pyrene (C)

23.526min (+0.122) 1.28ng/ul

response 63403

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	30.85
125.00	25.40	28.12
0.00	0.00	0.00

Quantitation Report (Qedit)

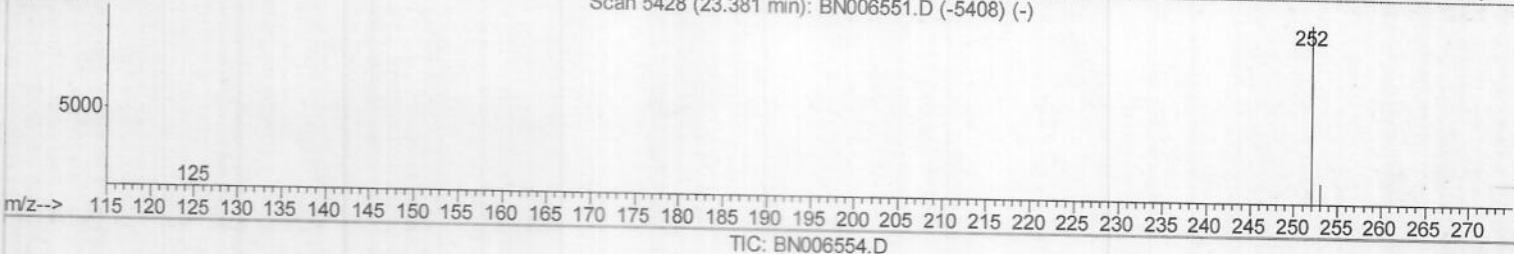
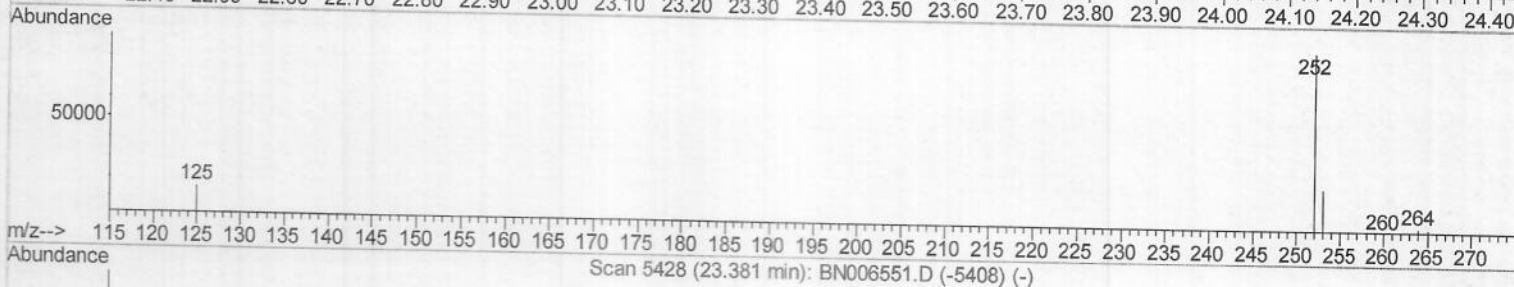
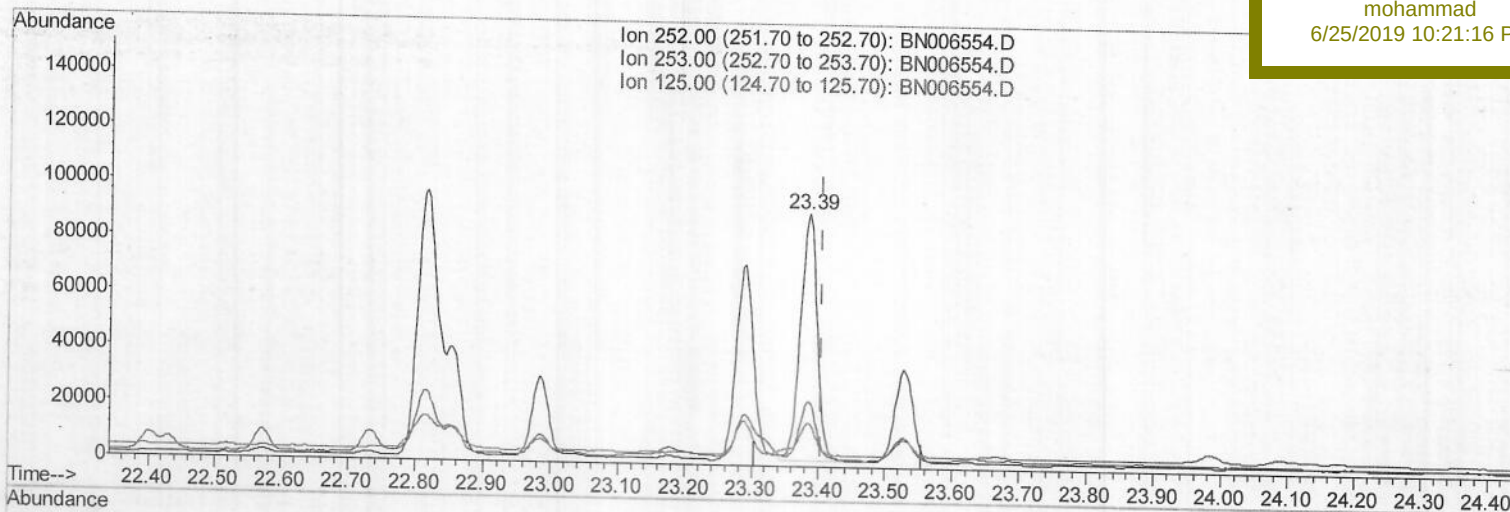
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM



(23) Benzo(a)pyrene (C)

23.386min (-0.019) 3.11ng/ul m > JU 06/27/19

response 154463

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	25.21
125.00	25.40	17.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

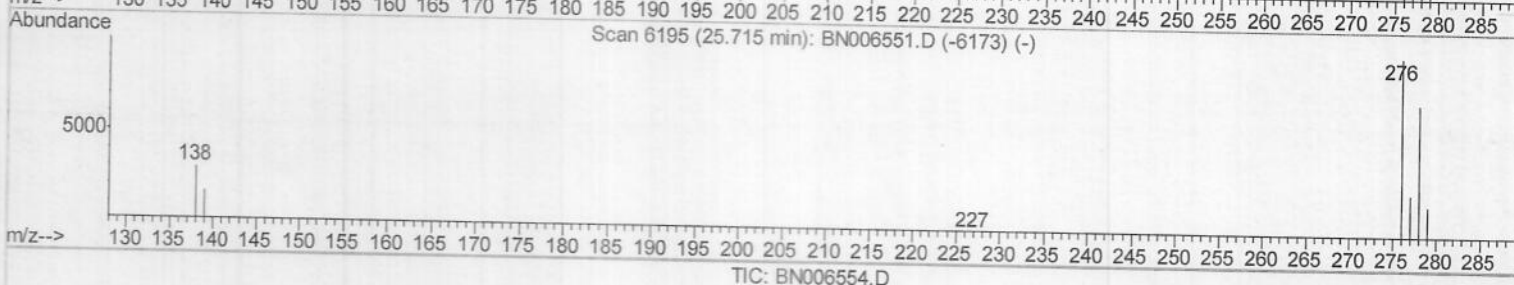
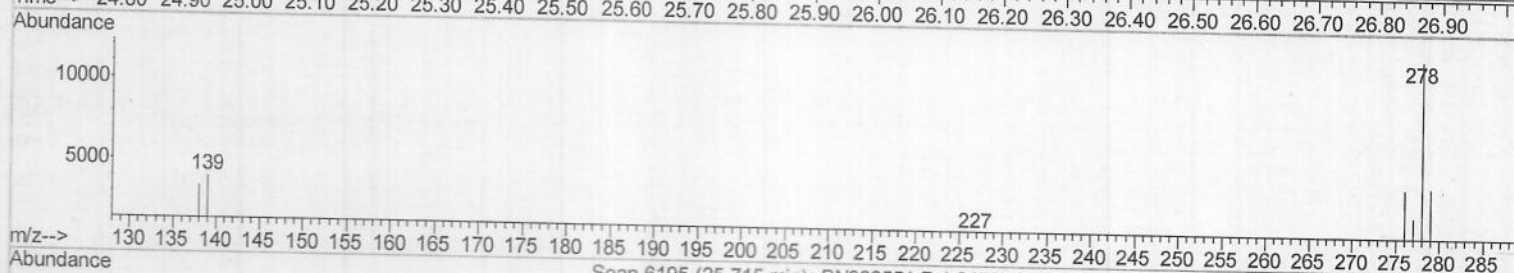
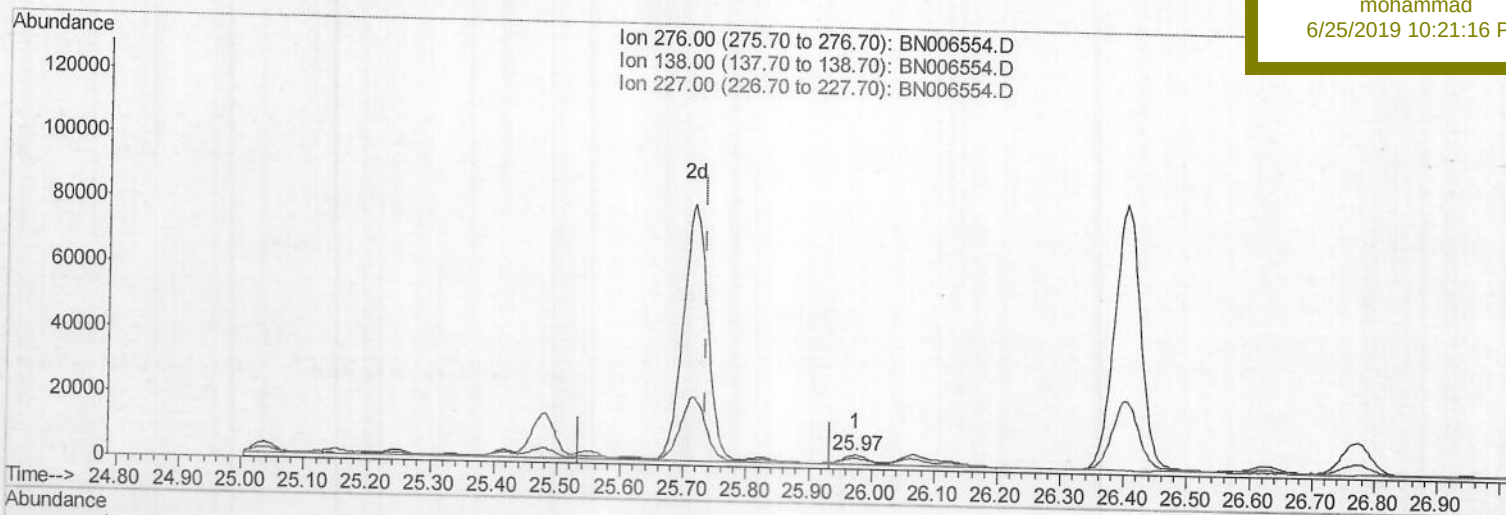
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene
 25.975min (+0.240) 0.16ng/ul
 response 8564

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	69.18#
227.00	0.40	3.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006554.D

Acq On : 25 Jun 2019 04:42

Operator : HP/JU

Sample : K3388-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

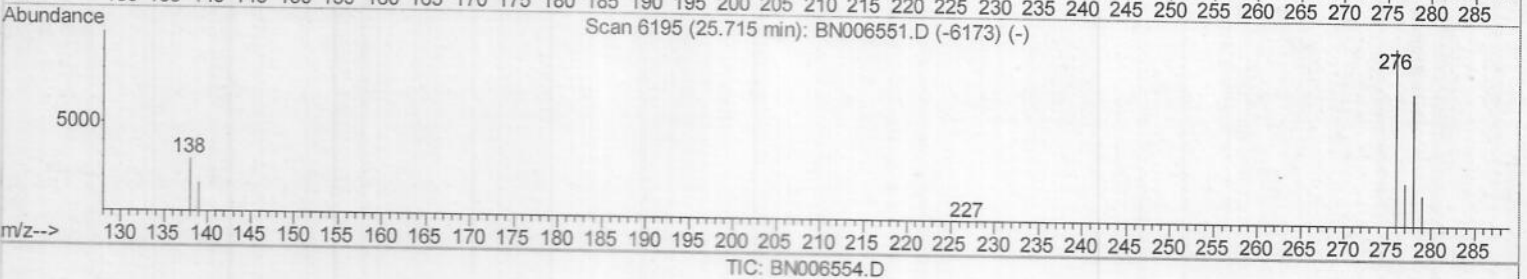
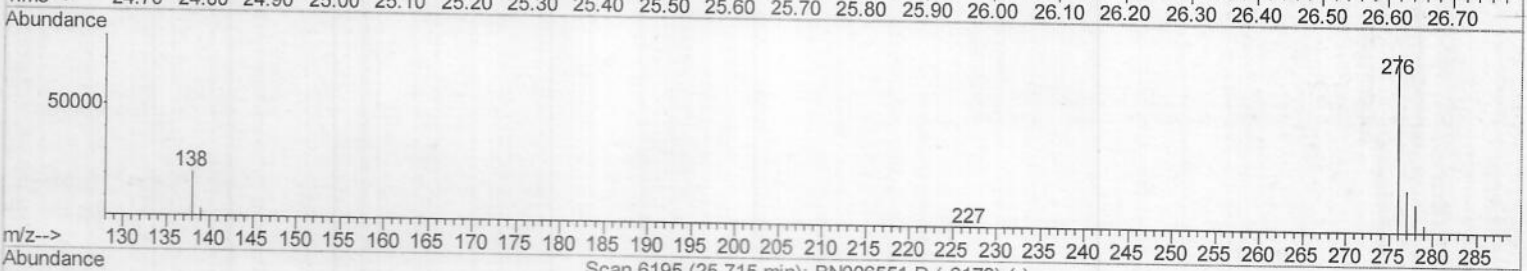
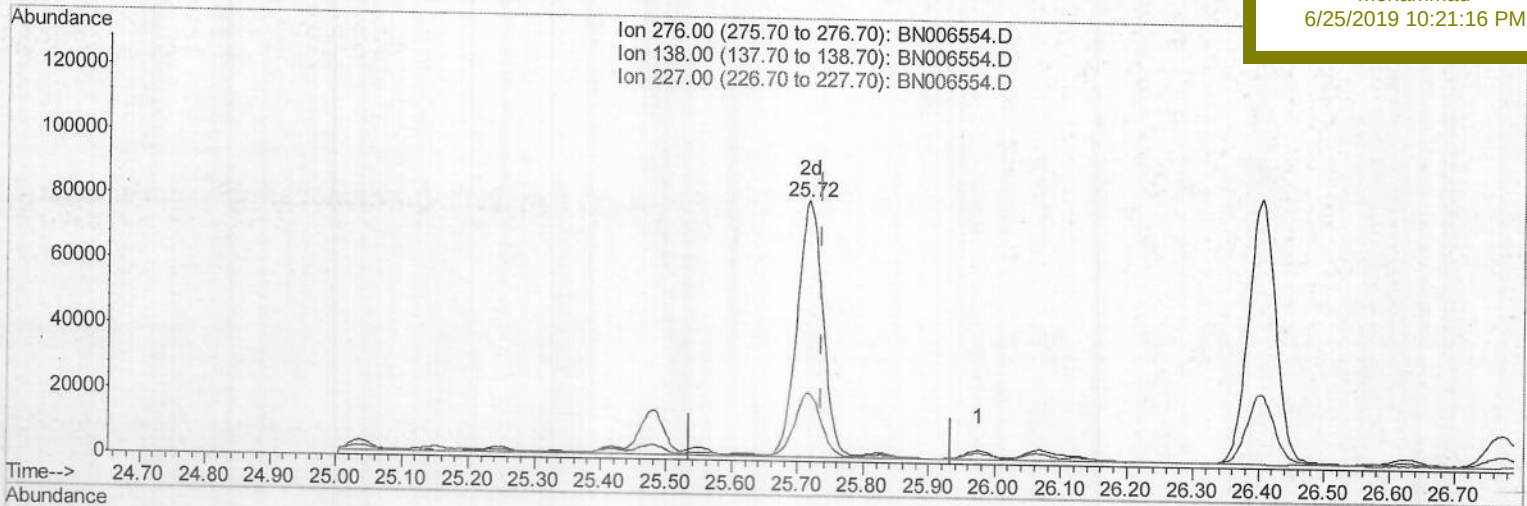
A4214

Manual Integrations

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6/25/2019 10:21:16 PM



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

25.717min (-0.018) 3.96ng/ul m 7 JU 06/27/19

response 212856

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.78#
227.00	0.40	0.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

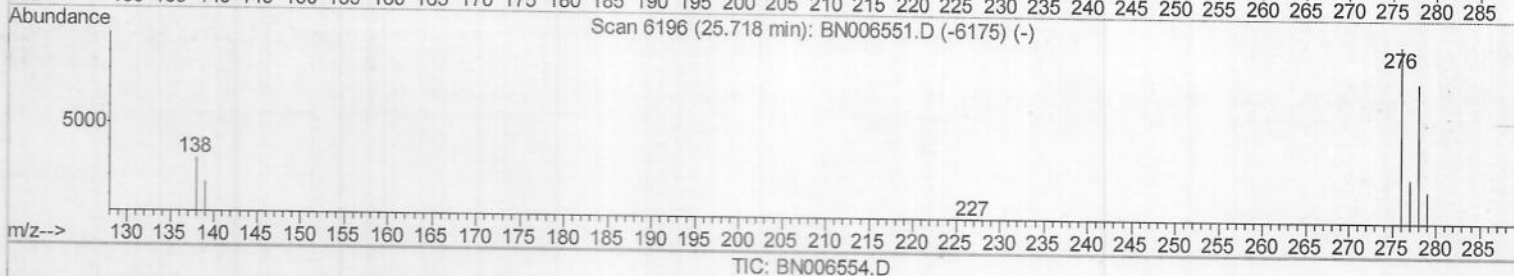
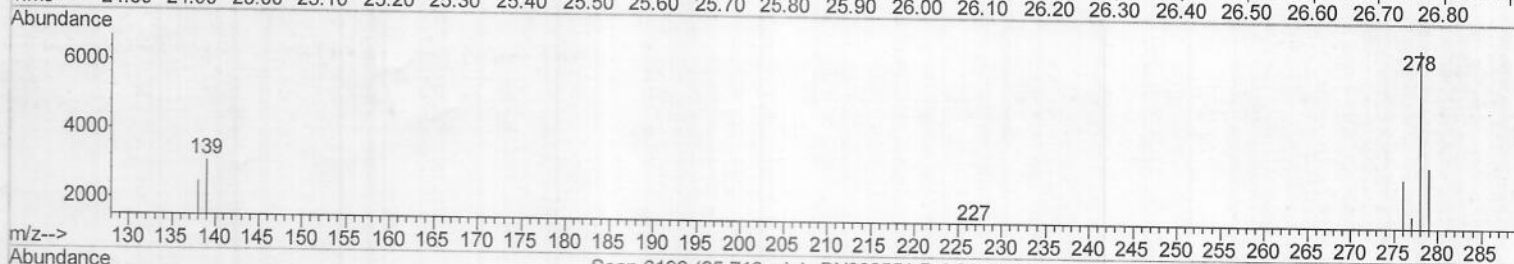
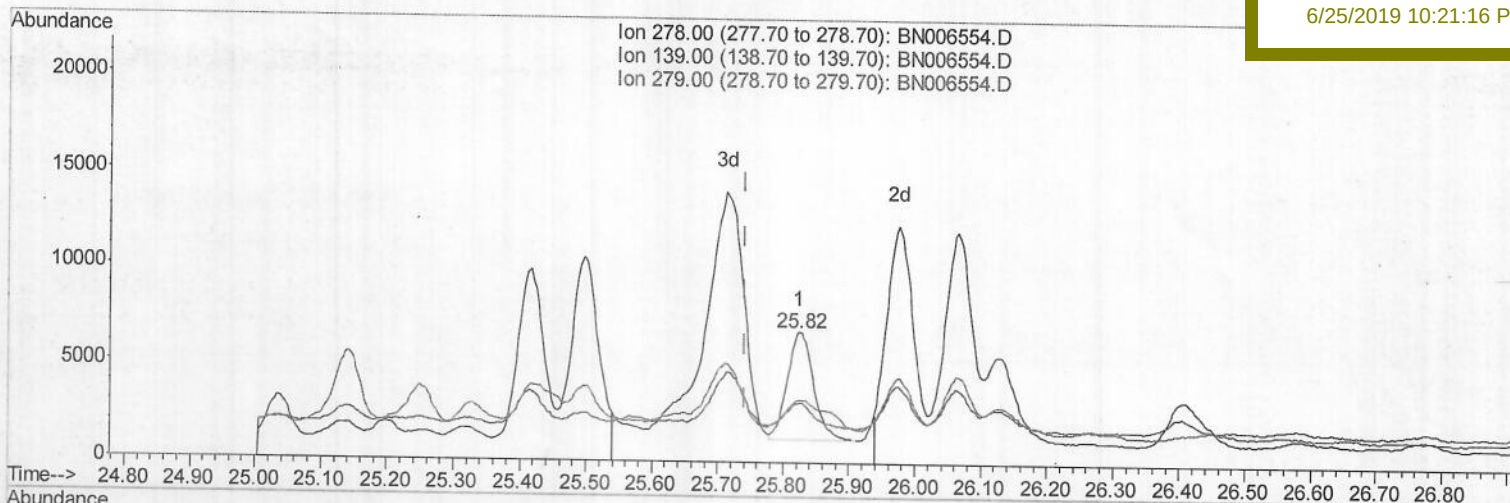
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM



(25) Dibenzo(a,h)anthracene

25.824min (+0.082) 0.36ng/ul

response 15547

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	45.91#
279.00	28.20	48.28#
0.00	0.00	0.00

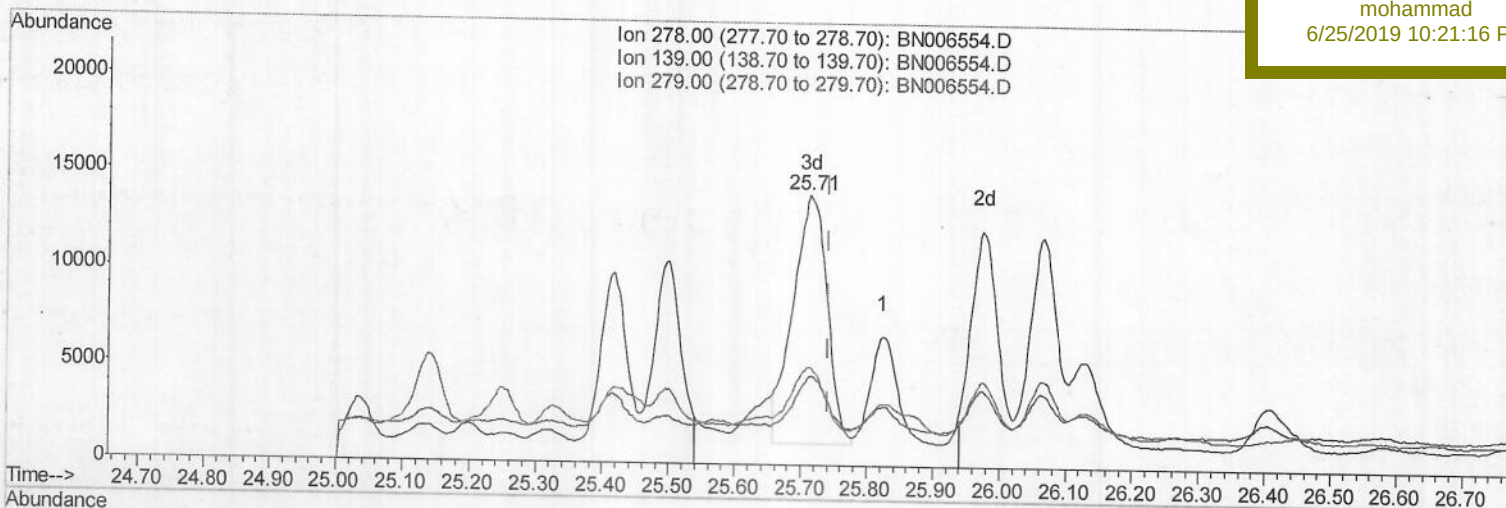
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006554.D
Acq On : 25 Jun 2019 04:42
Operator : HP/JU
Sample : K3388-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:33:07 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 : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4214

Manual Integrations
APPROVED

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6/25/2019 10:21:16 PM



(25) Dibenzo(a,h)anthracene

25.713min (-0.028) 1.08ng/ul m

response 46558

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	33.11#
279.00	28.20	36.28#
0.00	0.00	0.00

> JU 06/27/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 25 07:35:06 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5480	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18872	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8695	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16162m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10990m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	12792m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4802	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	9906m	0.23	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.46	128	11843	0.227	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	5653	0.156	ng/ul	98
7) Acenaphthylene	14.00	152	54027	1.118	ng/ul	99
8) Acenaphthene	14.34	153	1224	0.037	ng/ul#	93
9) Fluorene	15.34	166	2875	0.073	ng/ul#	90
12) Phenanthrene	17.08	178	28793m	0.555	ng/ul	
13) Anthracene	17.17	178	23915m	0.483	ng/ul	
15) Fluoranthene	19.10	202	71693m	1.251	ng/ul	
17) Pyrene	19.47	202	78919	1.363	ng/ul	99
18) Benzo(a)anthracene	21.23	228	40304m	0.829	ng/ul	
19) Chrysene	21.29	228	49578m	1.086	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	202289m	3.792	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	50639m	0.975	ng/ul	
23) Benzo(a)pyrene	23.39	252	154463m	3.109	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	212856m	3.959	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	46558m	1.083	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	235785	5.235	ng/ul	95

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 06/27/19

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