

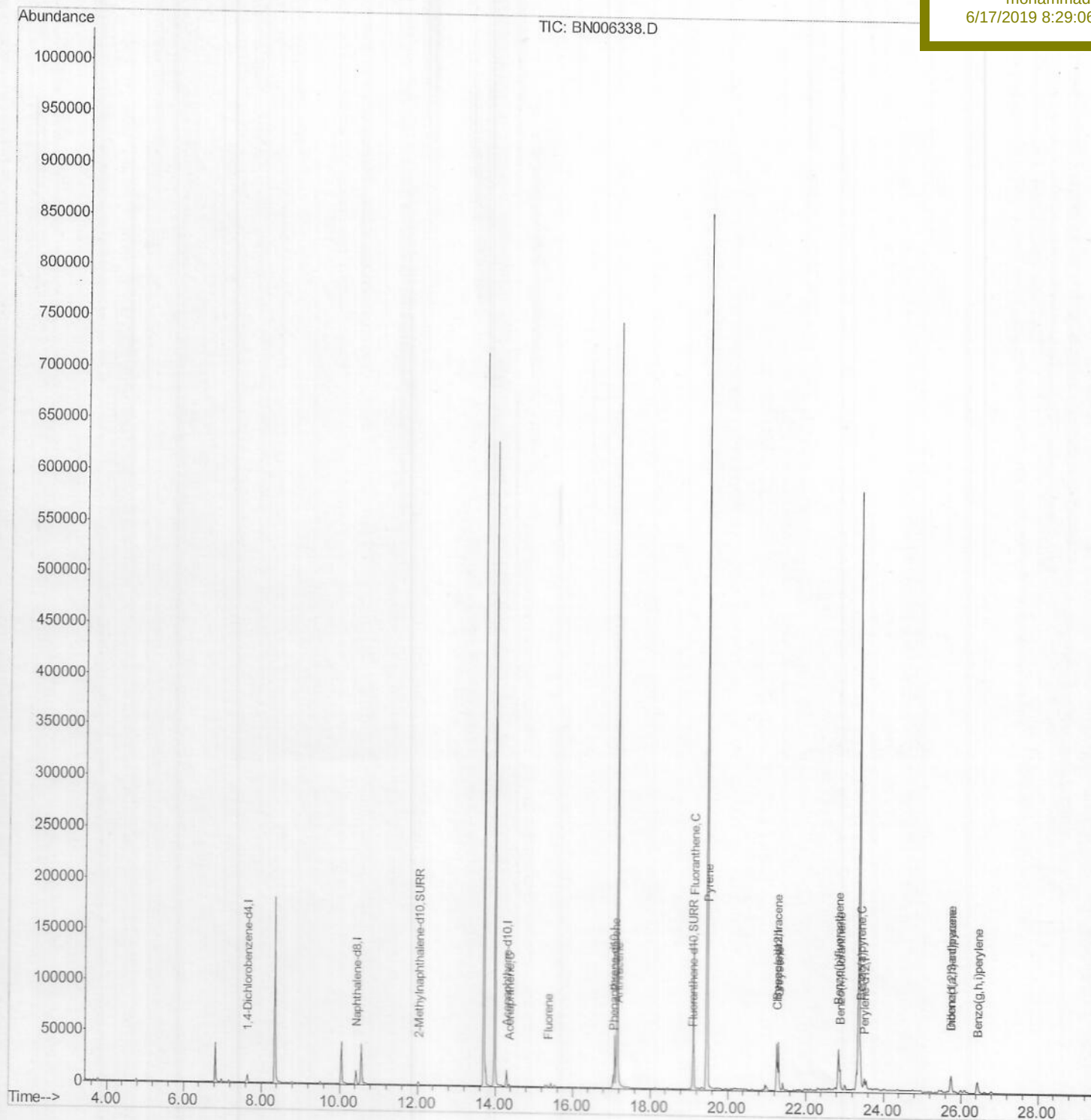
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006338.D
Acq On : 14 Jun 2019 16:15
Operator : JU/SJ
Sample : K3332-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:03:08 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 :
A41W1

Manual Integrations
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Quantitation Report (Qedit)

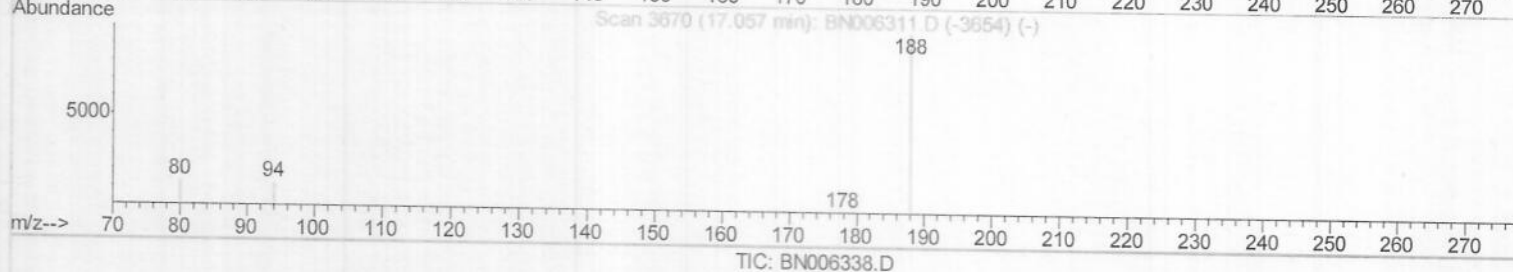
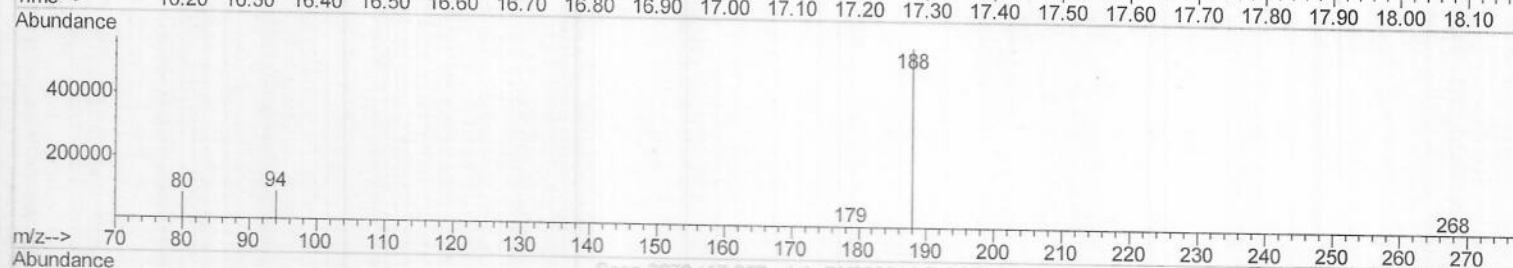
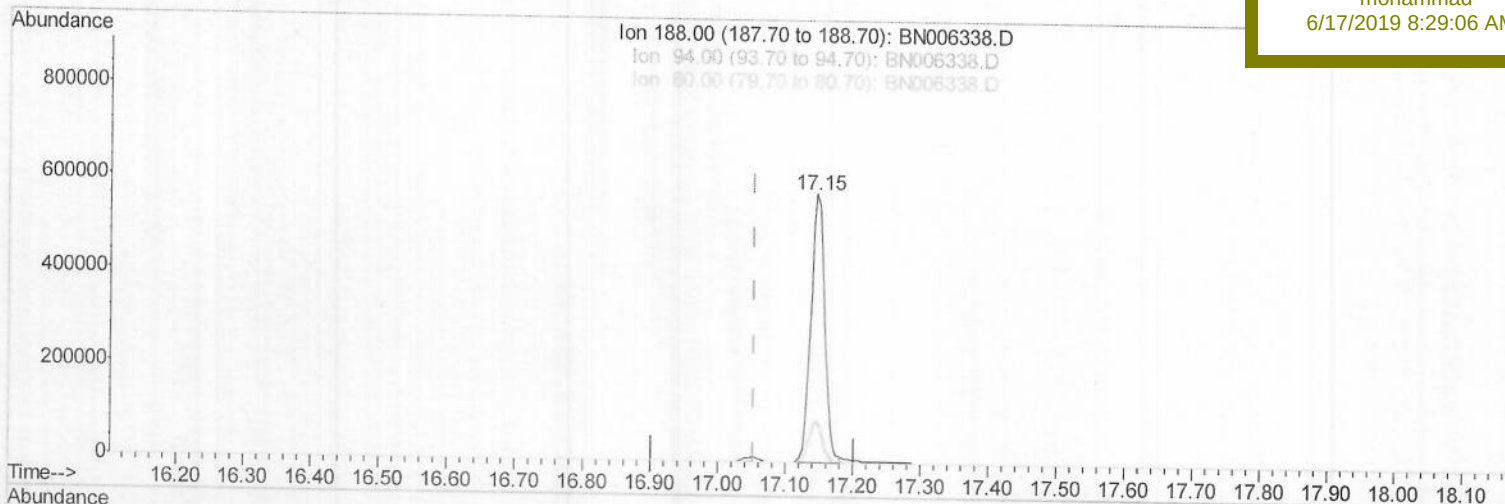
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:51:06 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 A41W1

Manual Integrations
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(10) Phenanthrene-d10 (I)
 17.145min (+0.093) 0.40ng/ul
 response 816526

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.63#
80.00	13.60	14.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:51:06 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 : Thu Jun 13 11:20:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

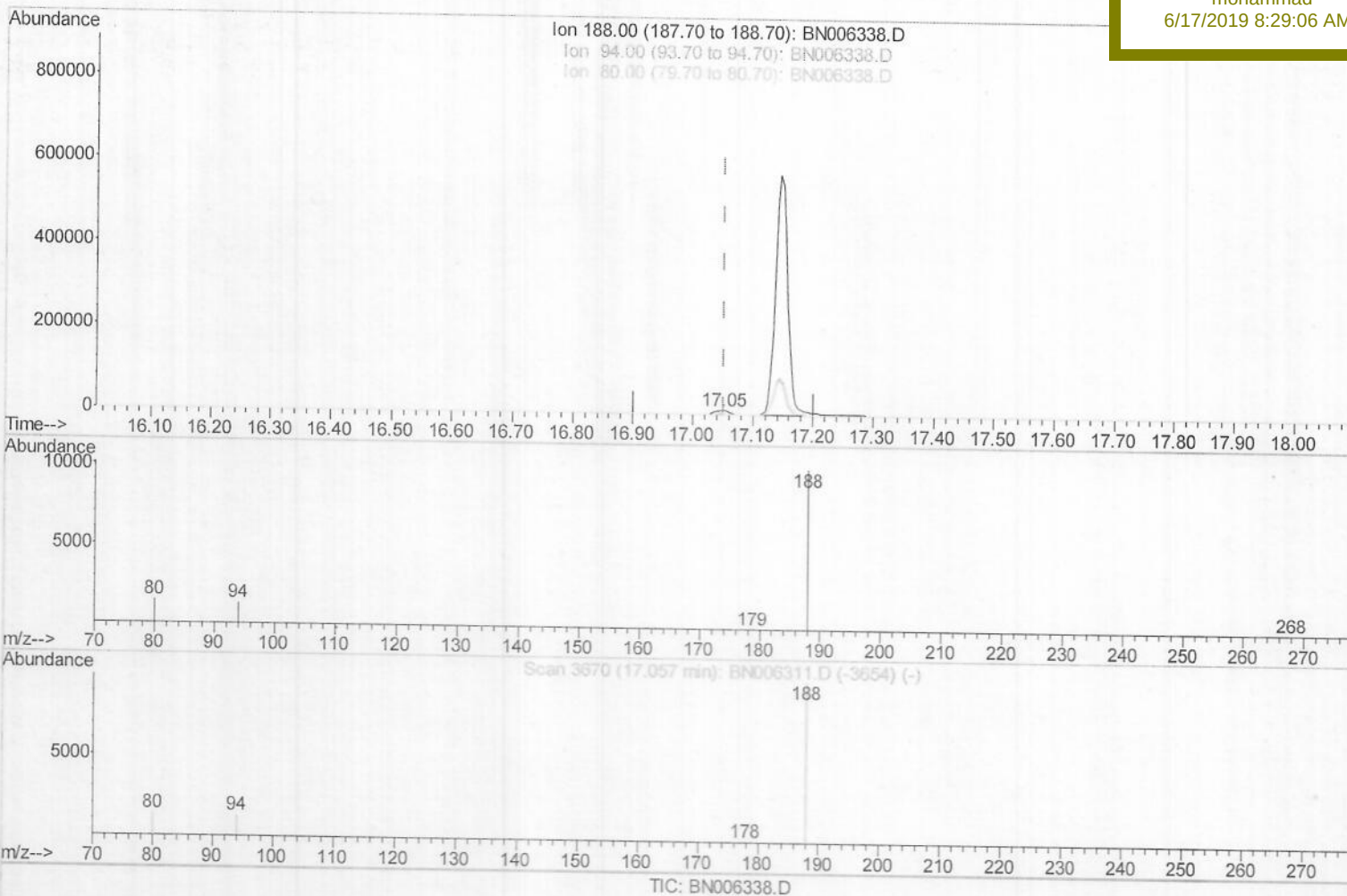
A41W1

Manual Integrations

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(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m

JUN 20 19

response 15499

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.66
80.00	13.60	15.47
0.00	0.00	0.00

Quantitation Report (Qedit)

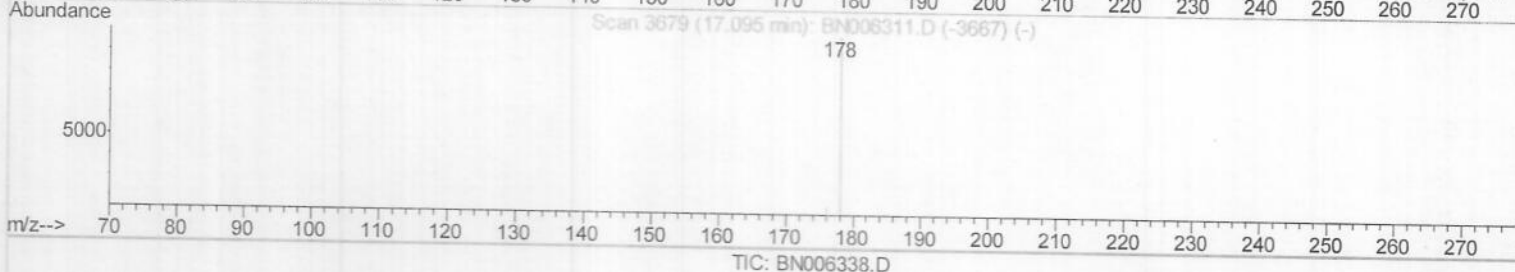
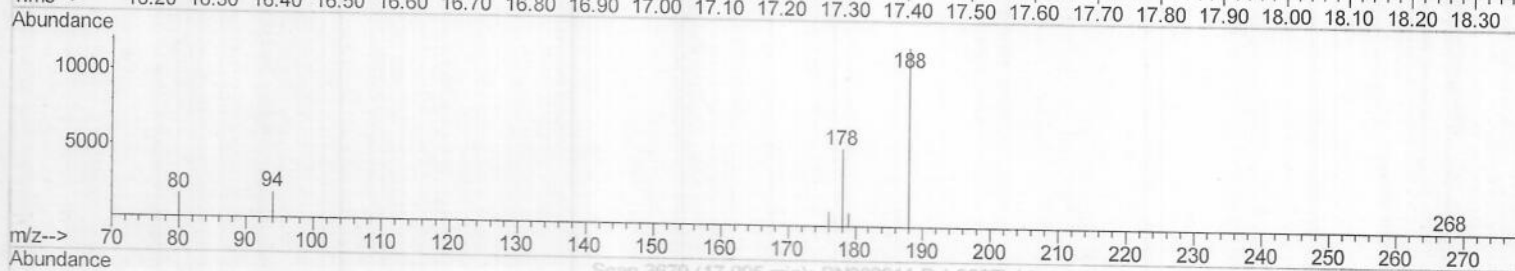
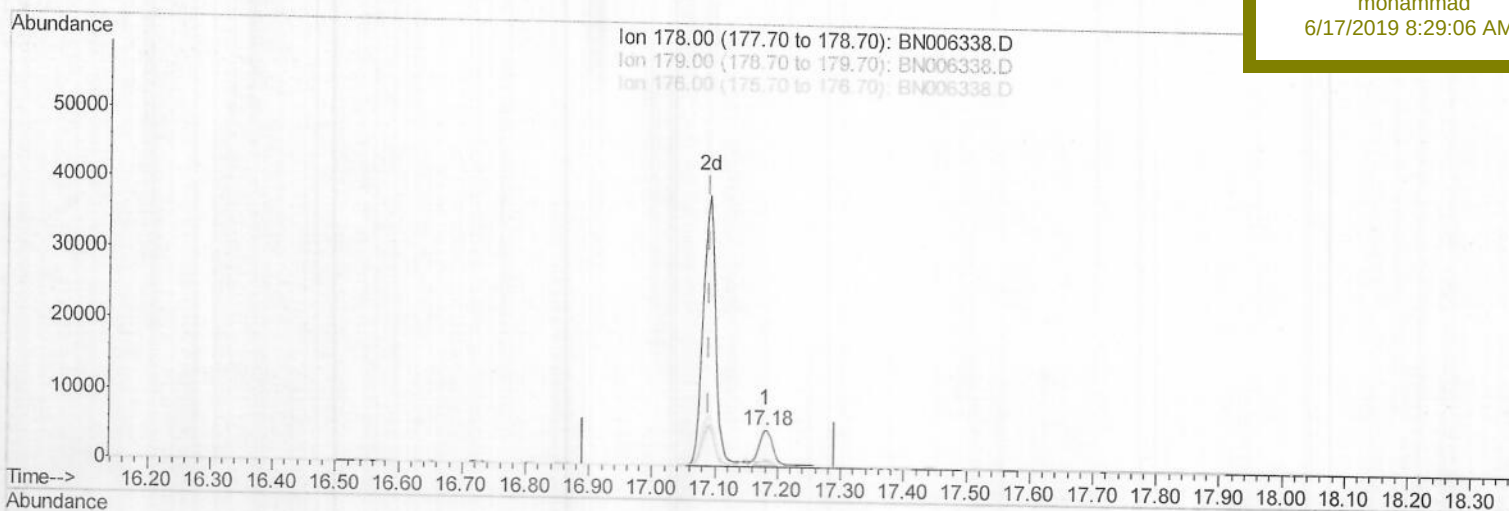
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
 A41W1

Manual Integrations
 APPROVED

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 6/17/2019 8:29:06 AM



TIC: BN006338.D

(12) Phenanthrene

17.179min (+0.089) 0.18ng/ul

response 8964

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.97
176.00	19.10	19.84
0.00	0.00	0.00

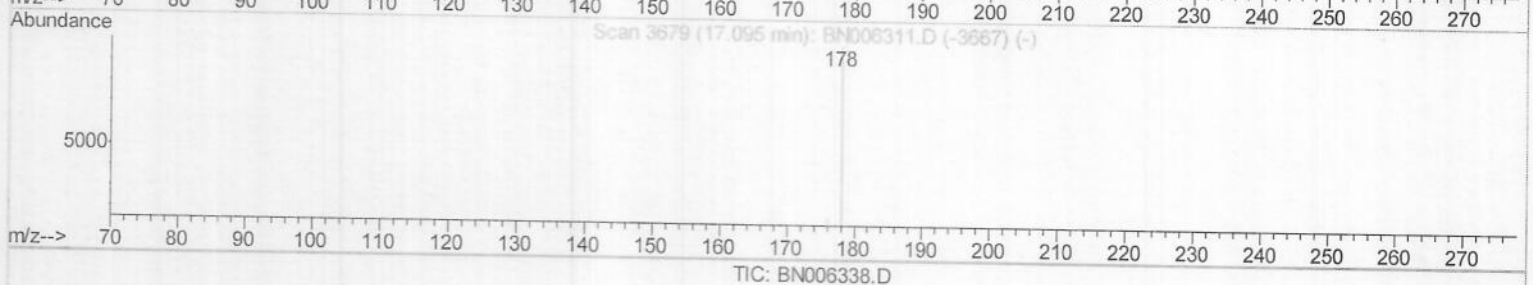
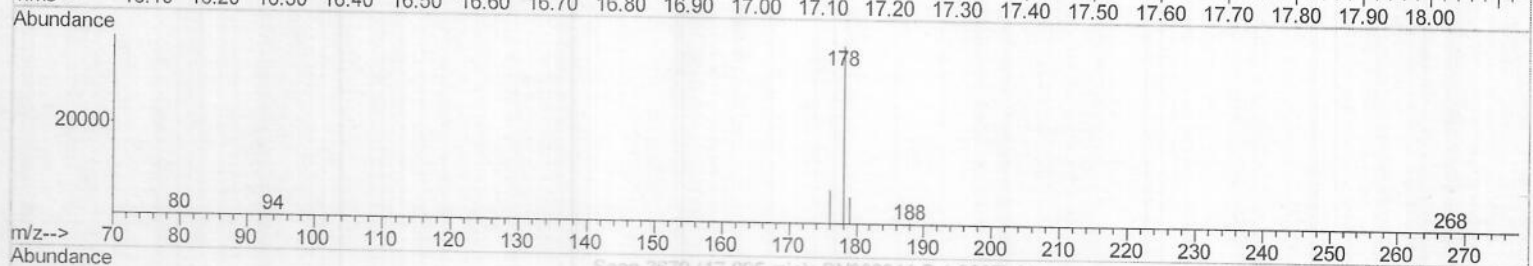
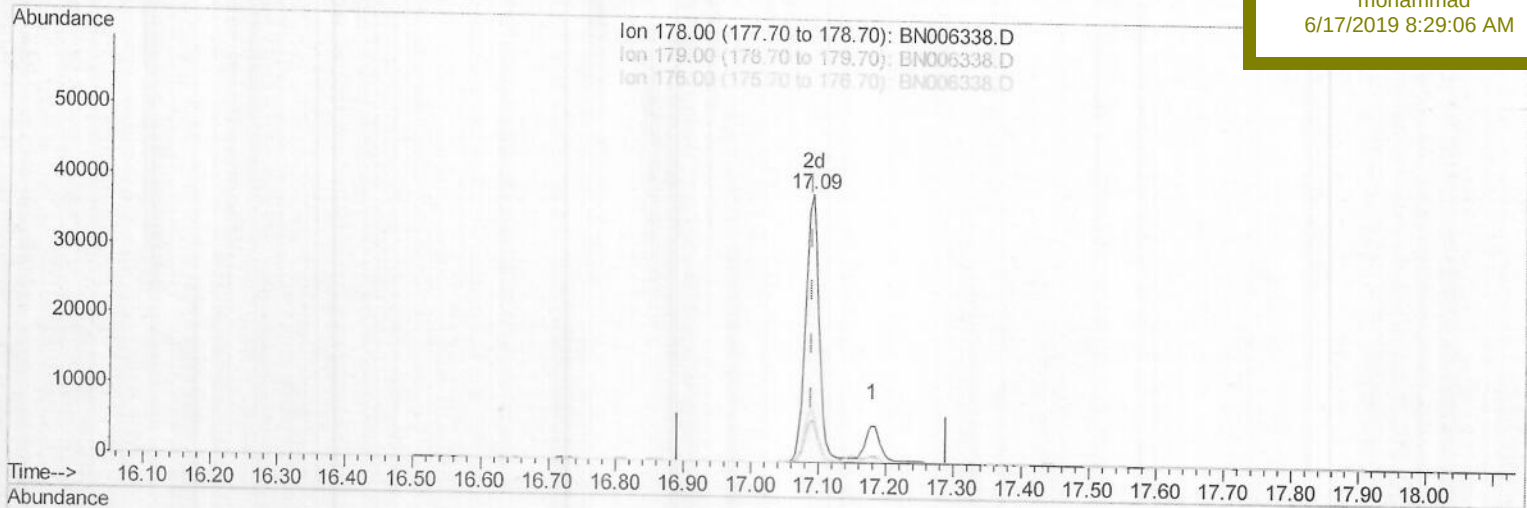
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006338.D
Acq On : 14 Jun 2019 16:15
Operator : JU/SJ
Sample : K3332-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
A41W1

Manual Integrations
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(12) Phenanthrene

17.090min (0.000) 1.07ng/ul m

JU06/20/19

response 53189

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.47
176.00	19.10	19.16
0.00	0.00	0.00

Quantitation Report (Qedit)

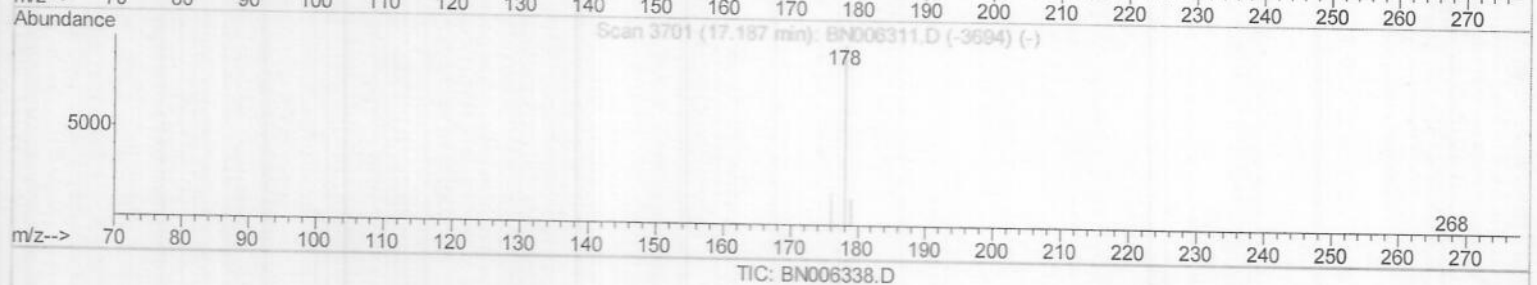
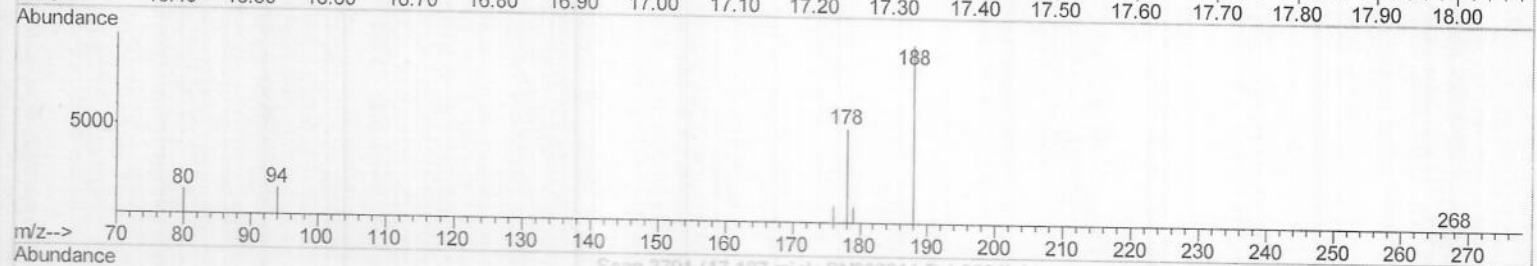
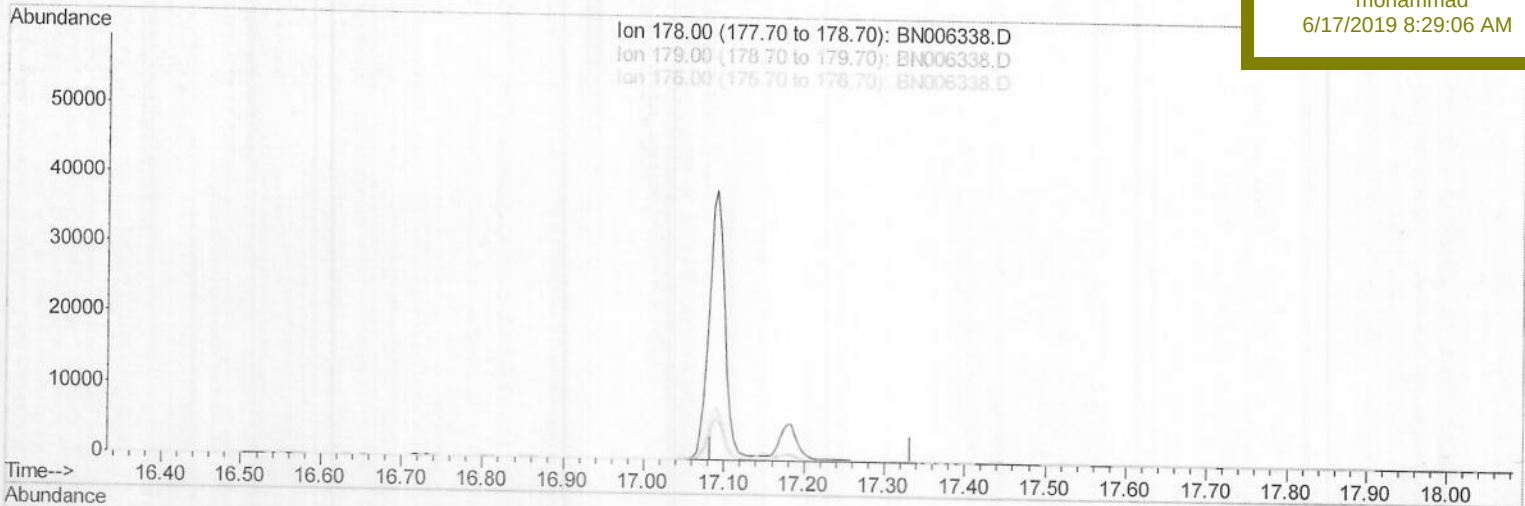
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
 A41W1

Manual Integrations
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(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

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

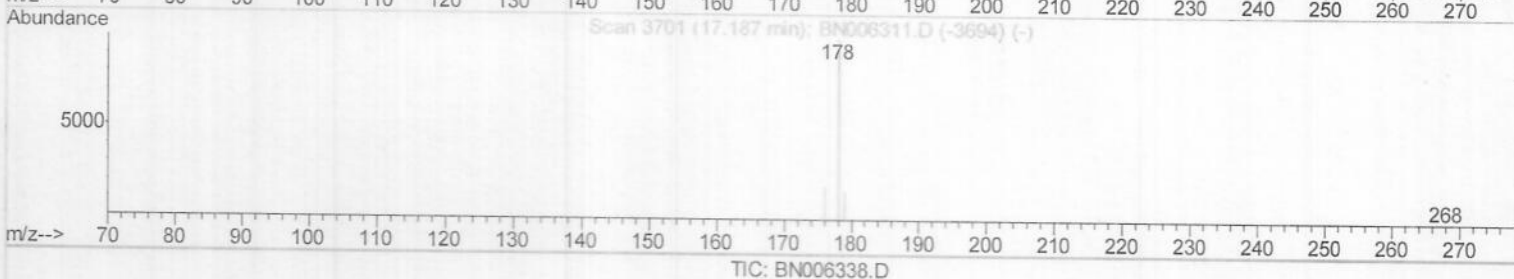
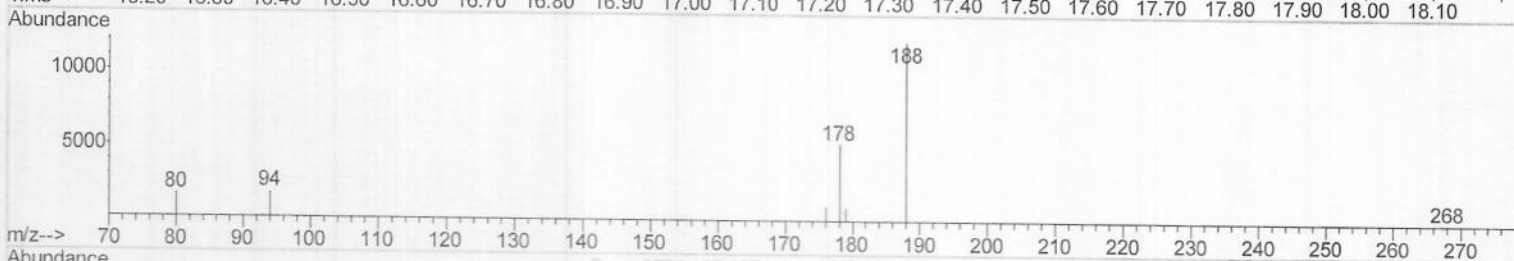
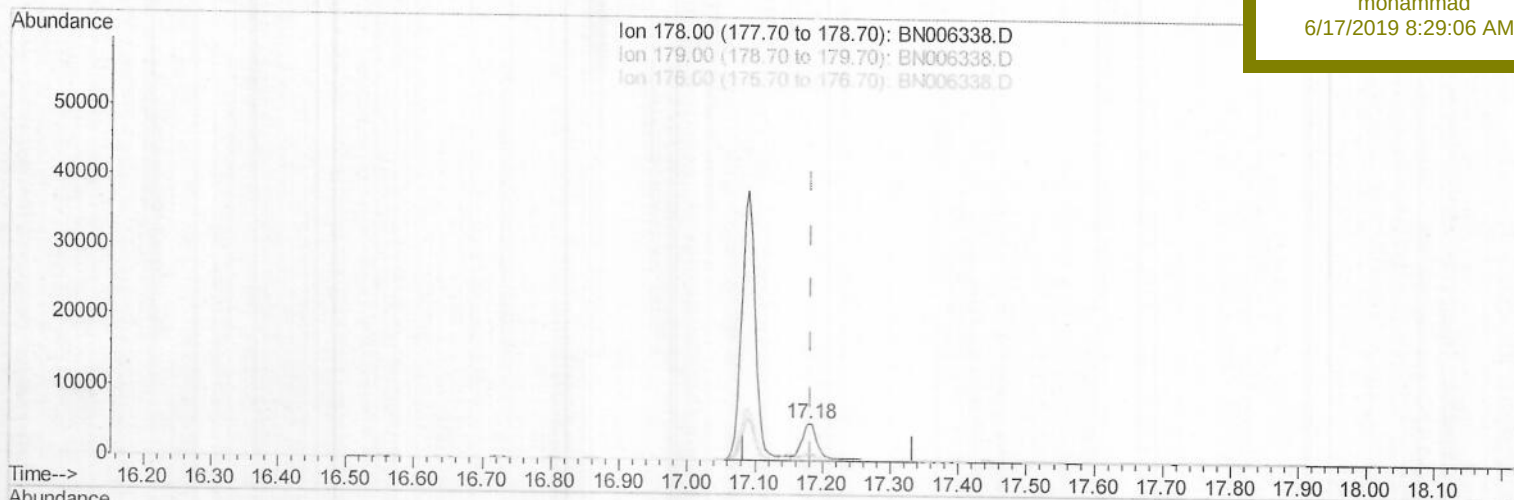
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006338.D
Acq On : 14 Jun 2019 16:15
Operator : JU/SJ
Sample : K3332-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
A41W1

Manual Integrations
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(13) Anthracene

17.179min (-0.004) 0.18ng/ul m

JU06/20/19

response 8730

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.97
176.00	18.90	19.84
0.00	0.00	0.00

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

Data File : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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

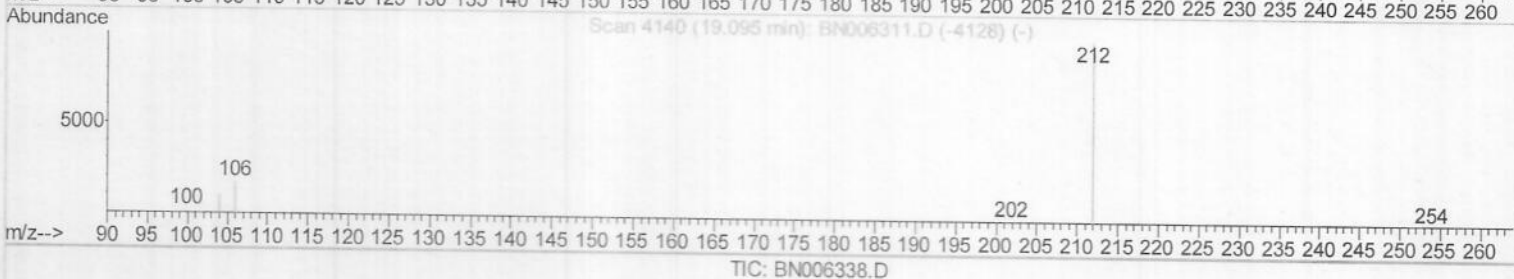
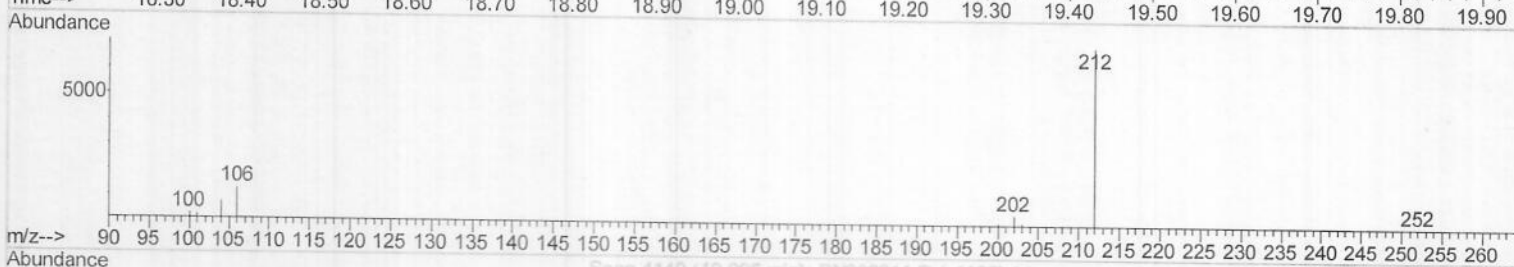
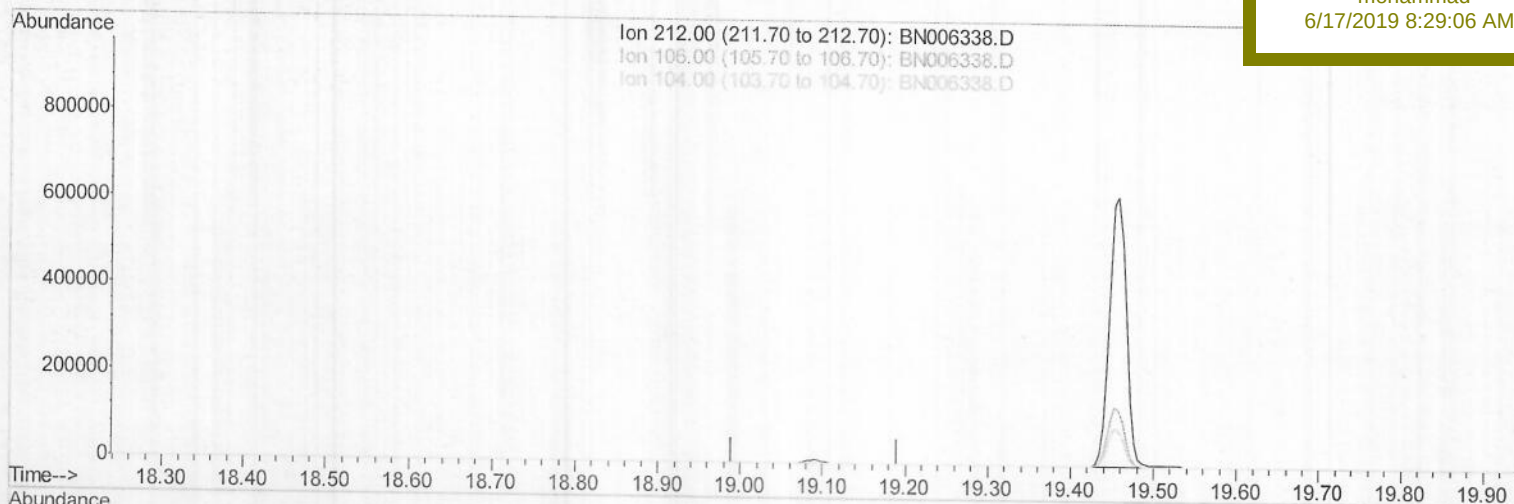
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41W1

Manual Integrations
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(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 : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :

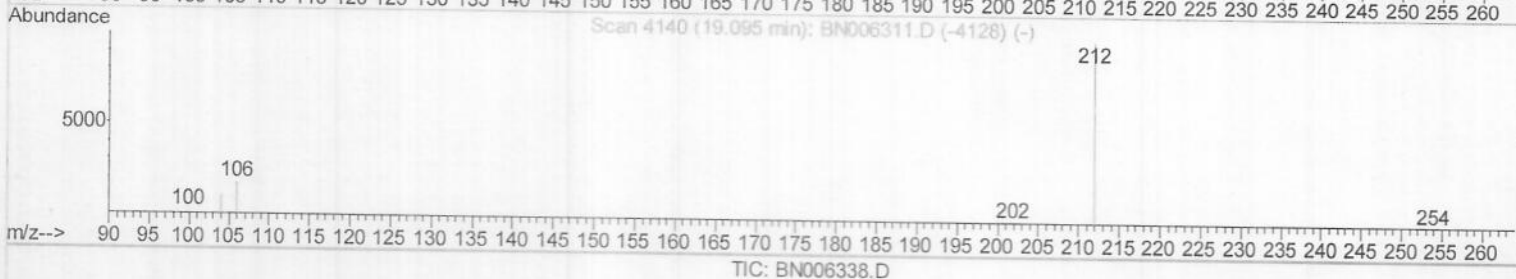
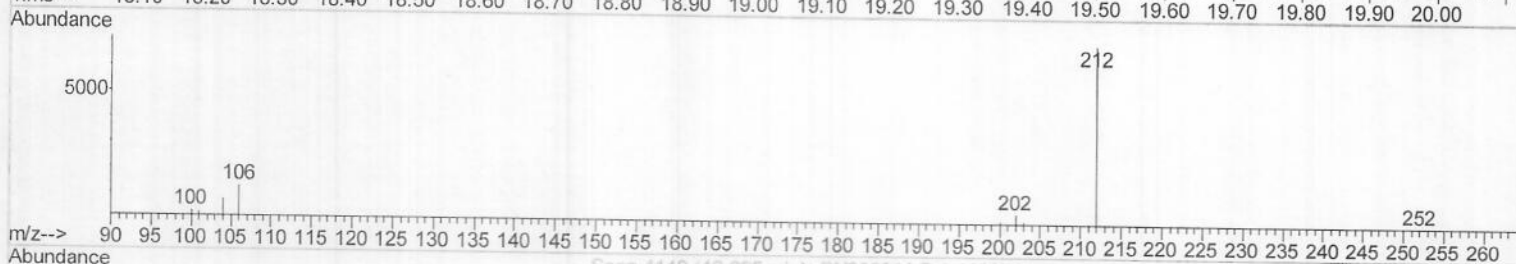
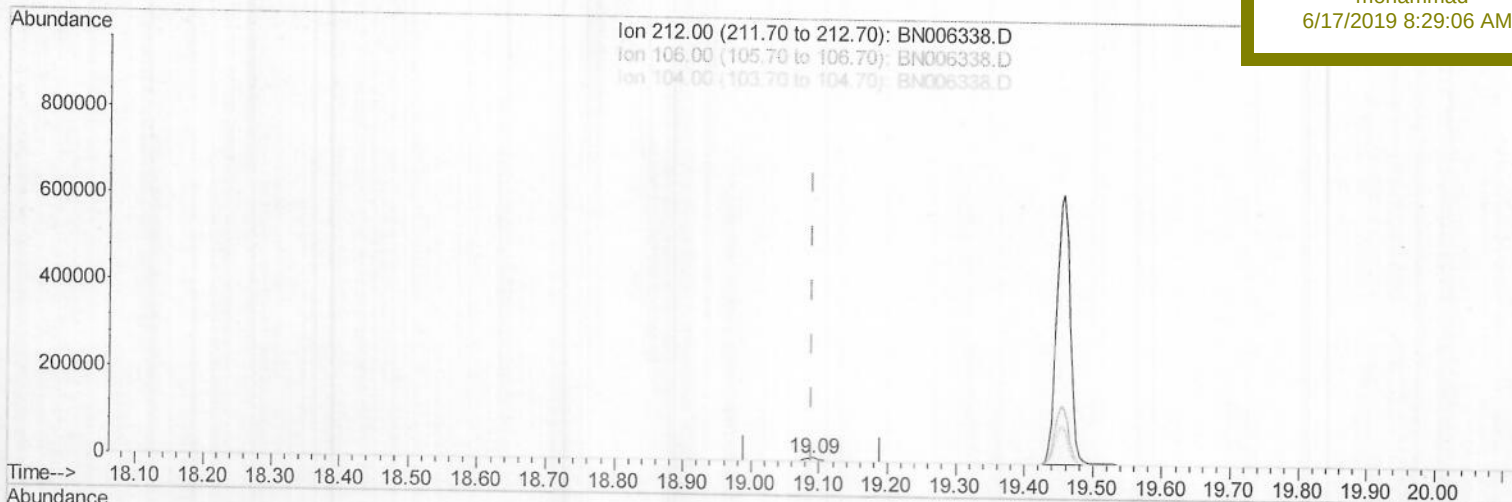
A41W1

Manual Integrations

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TIC: BN006338.D

(14) Fluoranthene-d10 (SURR)

19.090min (0.000) 0.24ng/ul m

) JU06/2019

response 9829

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)

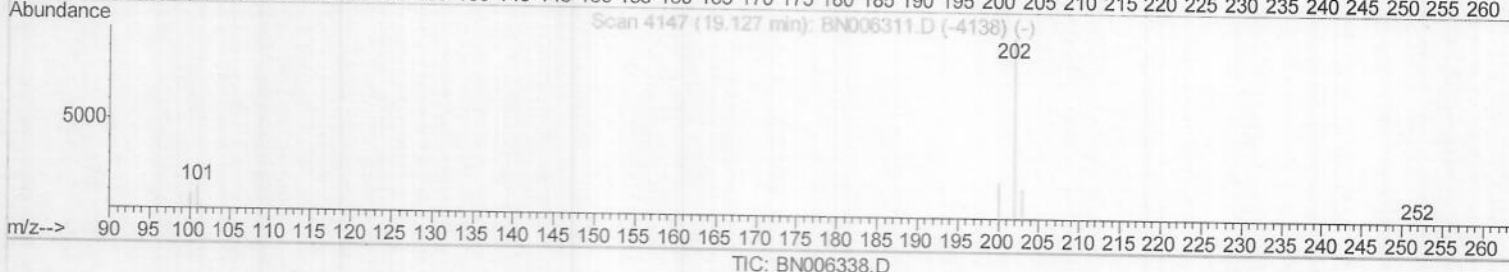
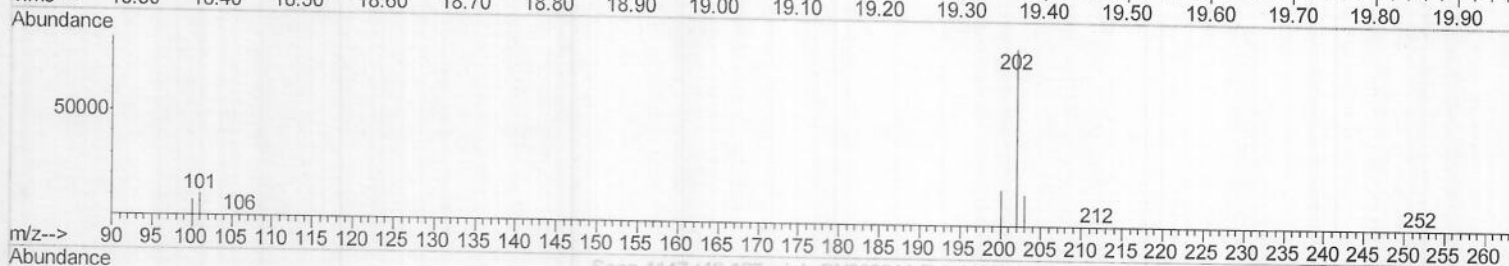
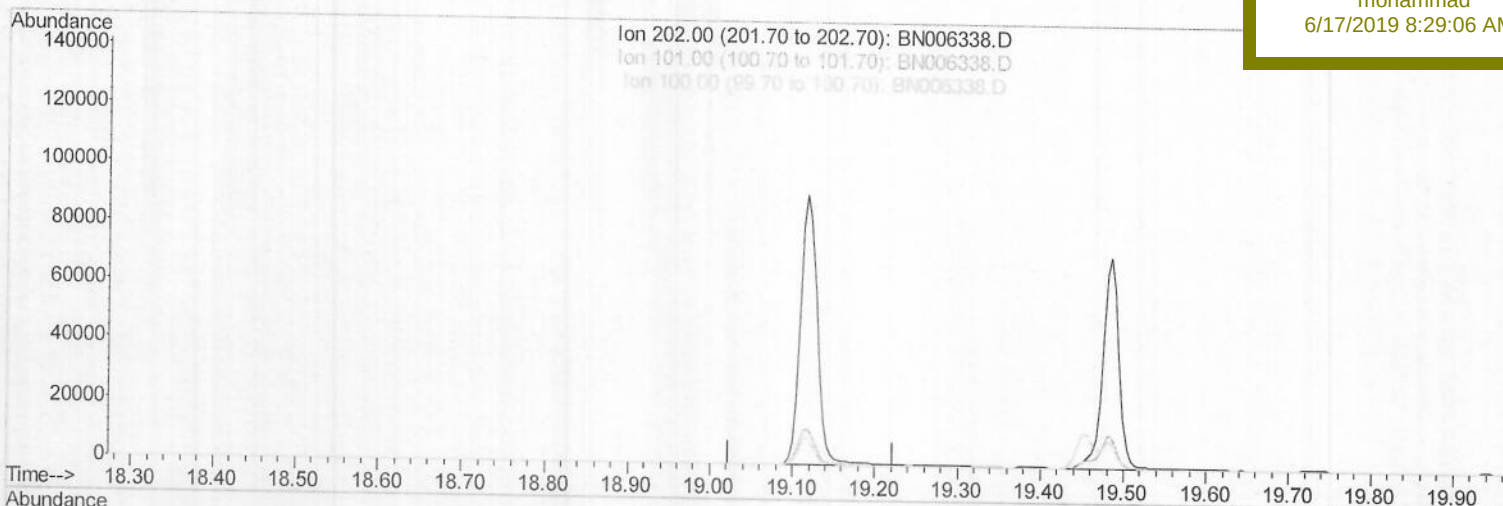
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
 A41W1

Manual Integrations
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(15) Fluoranthene (C)

19.123min (-19.123) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

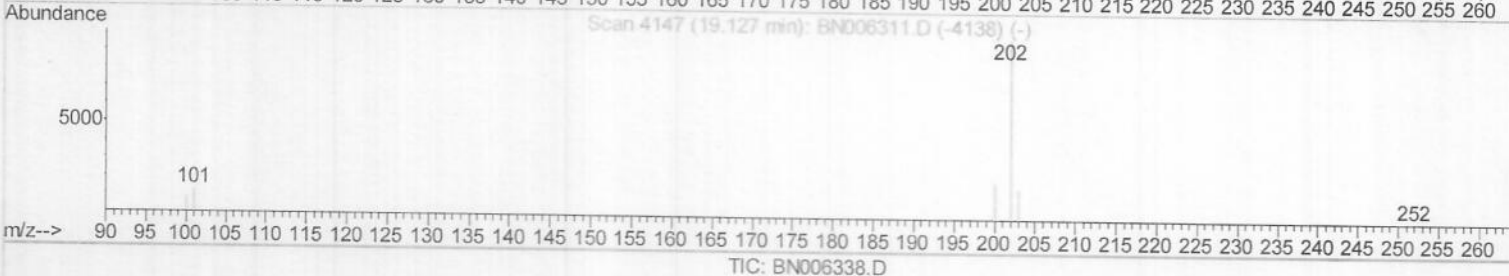
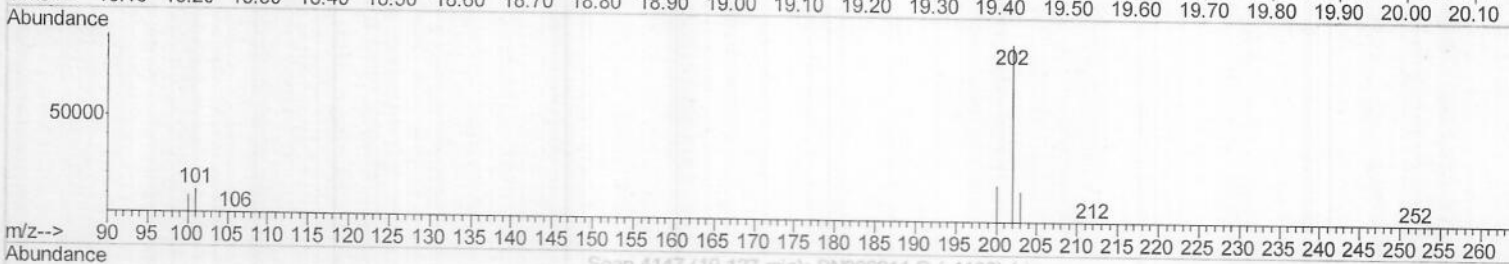
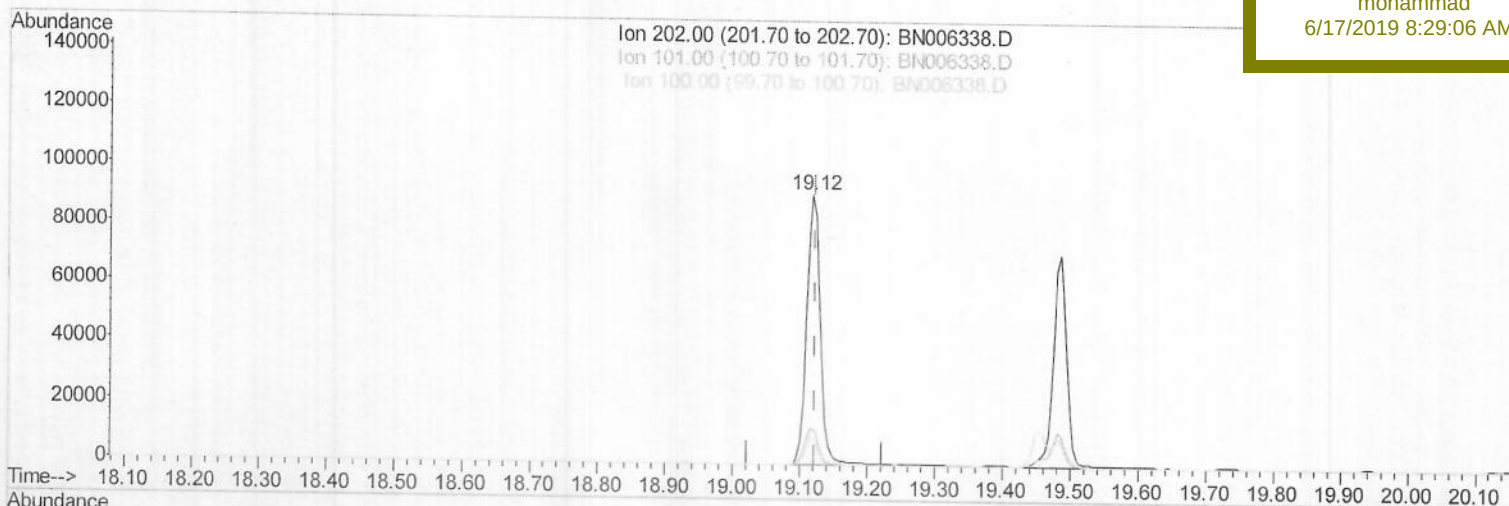
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
 A41W1

Manual Integrations
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 6/17/2019 8:29:06 AM



(15) Fluoranthene (C)

19.118min (-0.005) 2.30ng/ul m

JU06120119

response 126615

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.33
100.00	8.70	9.86
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :

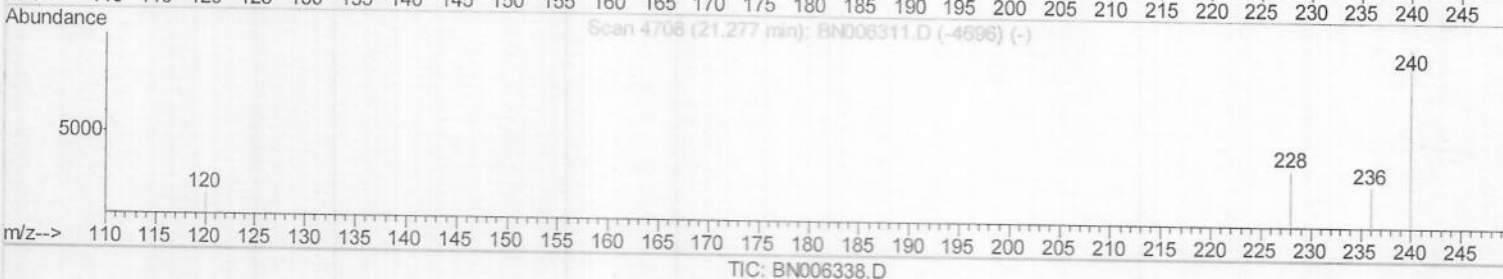
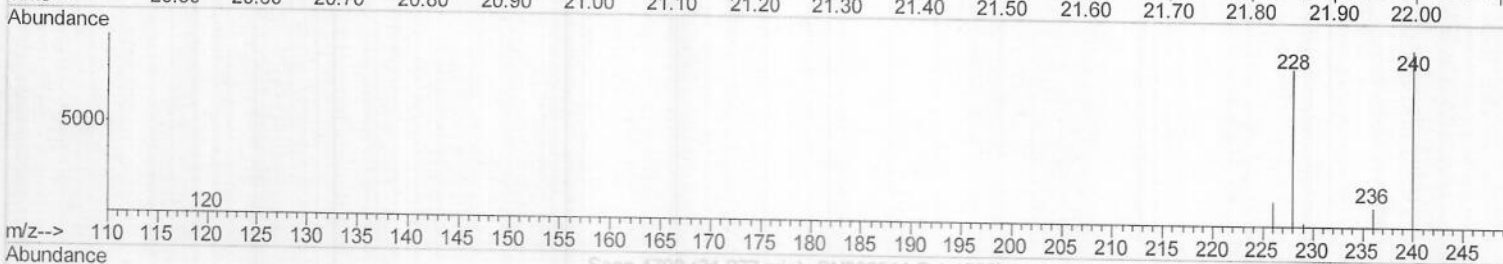
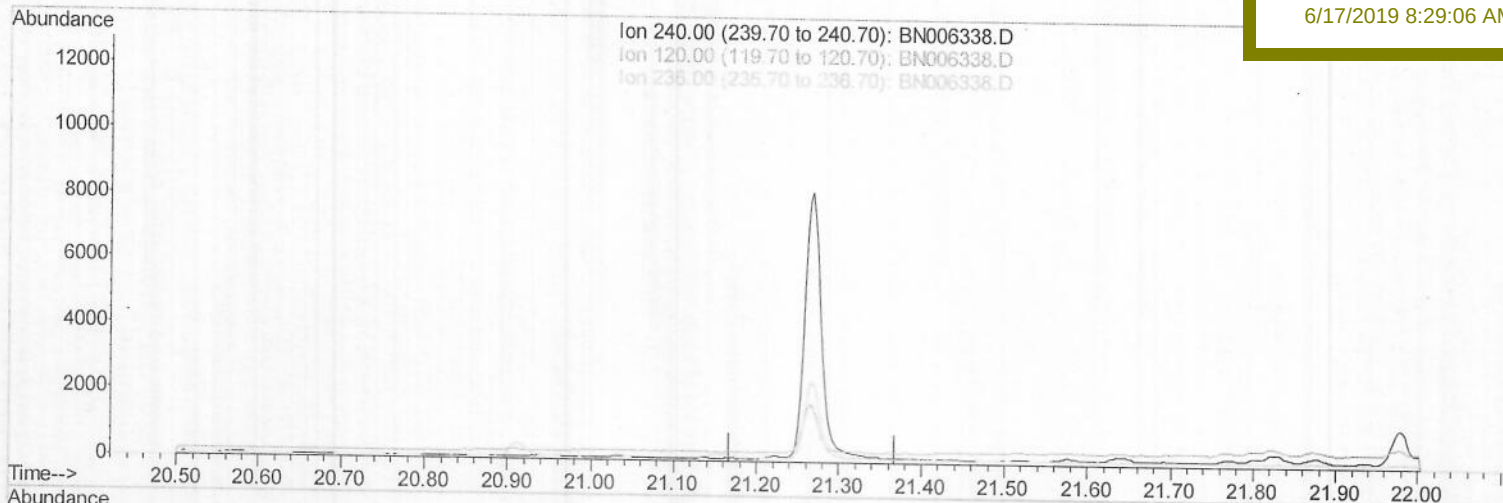
A41W1

Manual Integrations

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(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

Quantitation Report (Qedit)

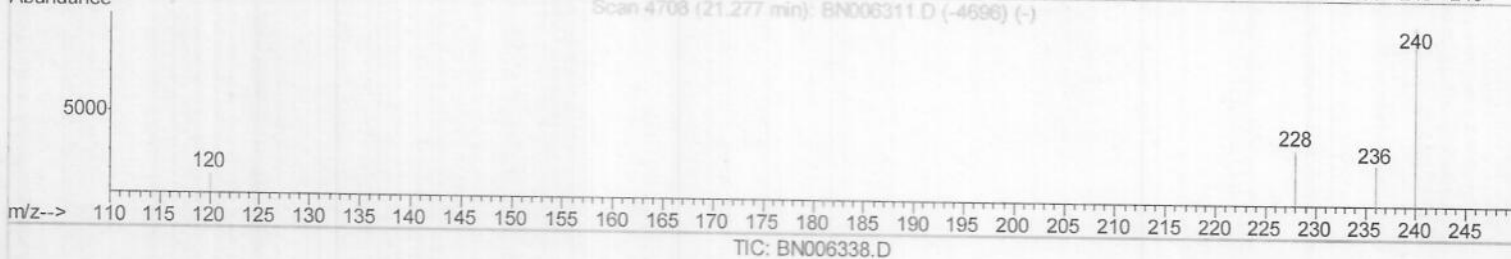
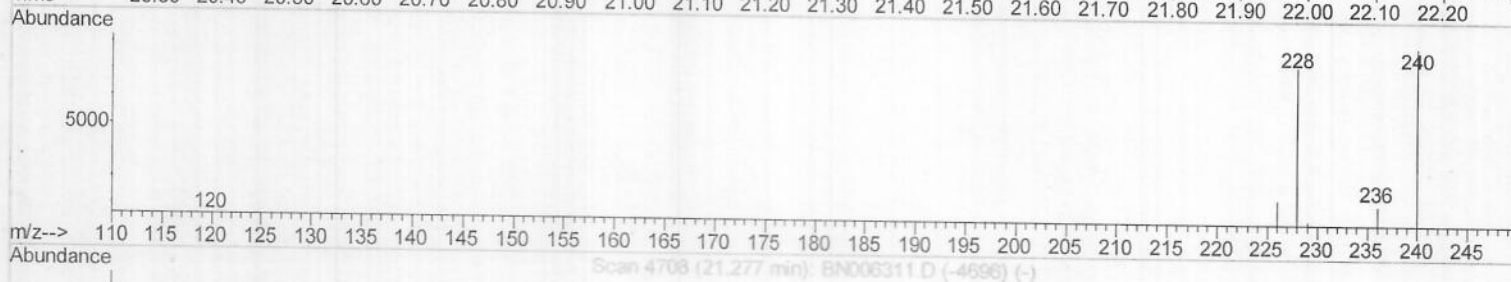
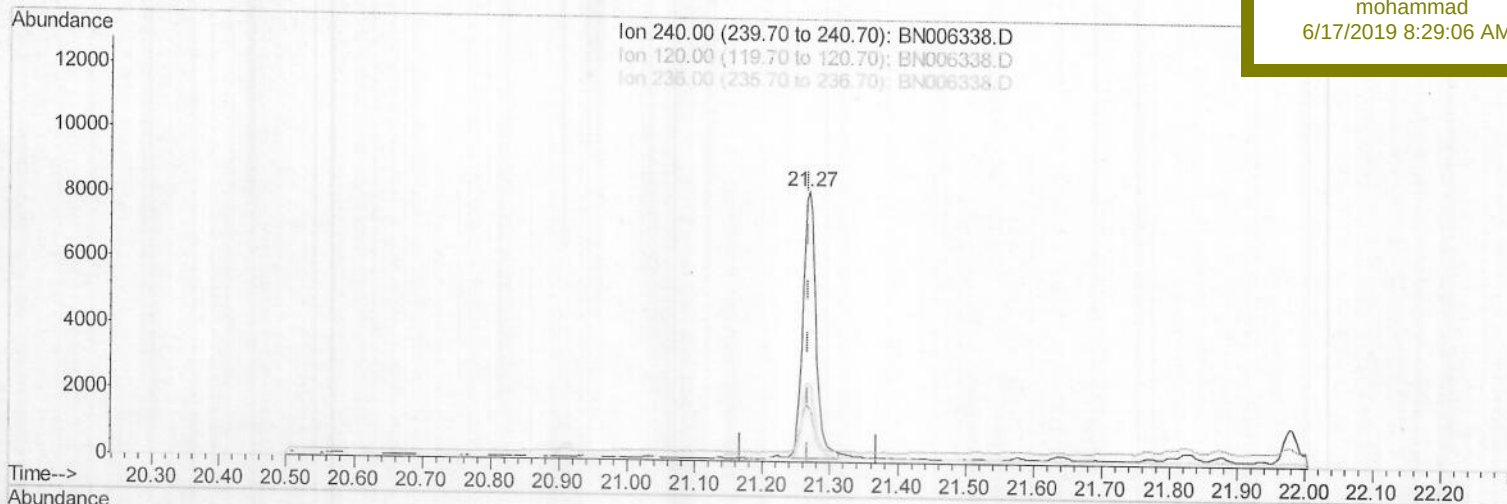
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 17:58:19 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 :
 A41W1

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:29:06 AM



(16) Chrysene-d12 (I)

21.268min (0.000) 0.40ng/ul m

response 10973

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.14
236.00	30.10	29.18
0.00	0.00	0.00

JU06/20/19

Quantitation Report (Qedit)

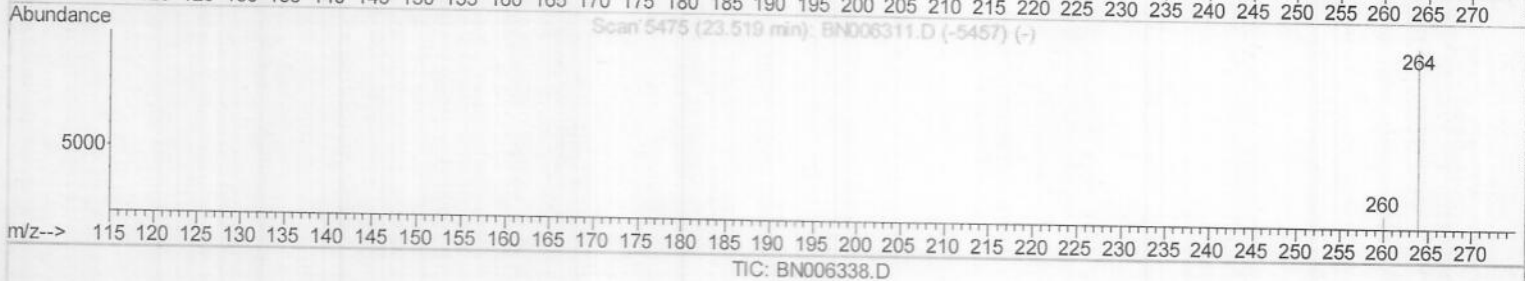
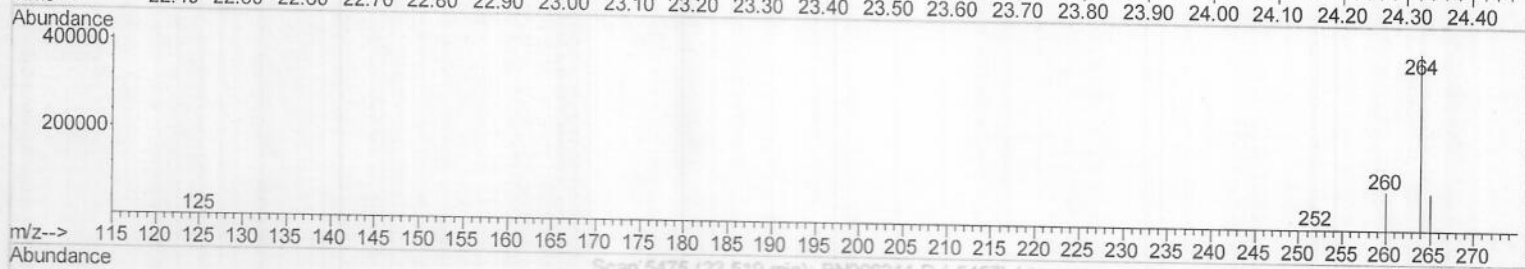
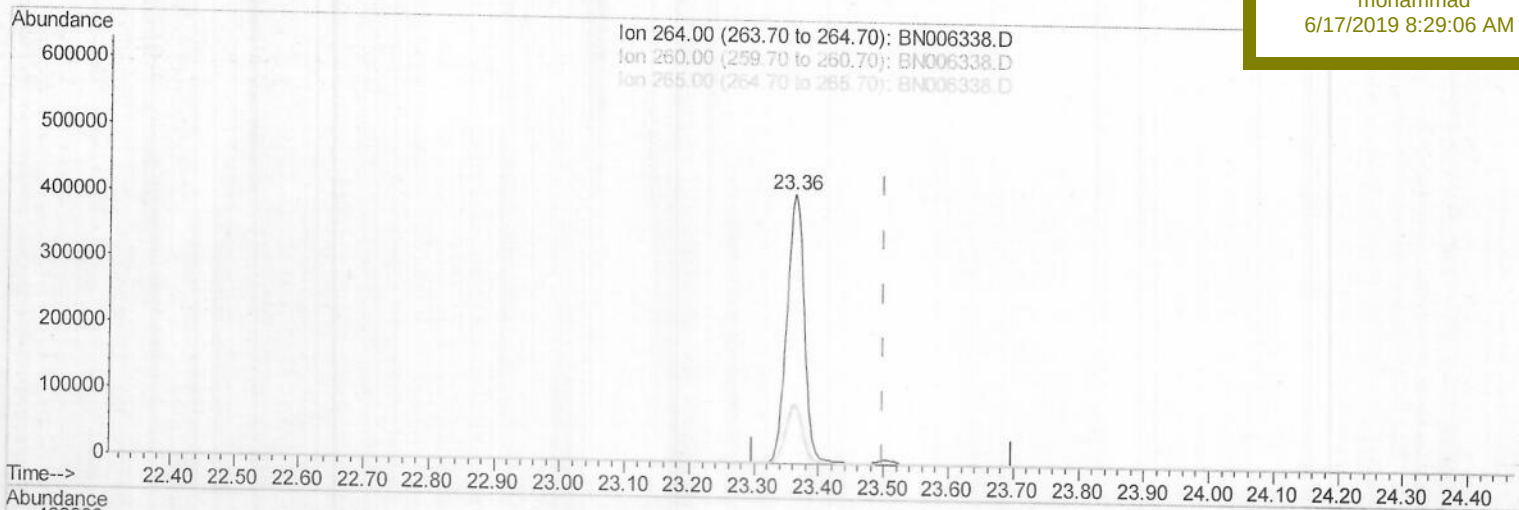
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:00:22 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 :
 A41W1

Manual Integrations
APPROVED

mohammad
 6/17/2019 8:29:06 AM



(20) Perylene-d12 (I)
 23.361min (-0.137) 0.40ng/ul
 response 762085

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.04#
265.00	44.70	21.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

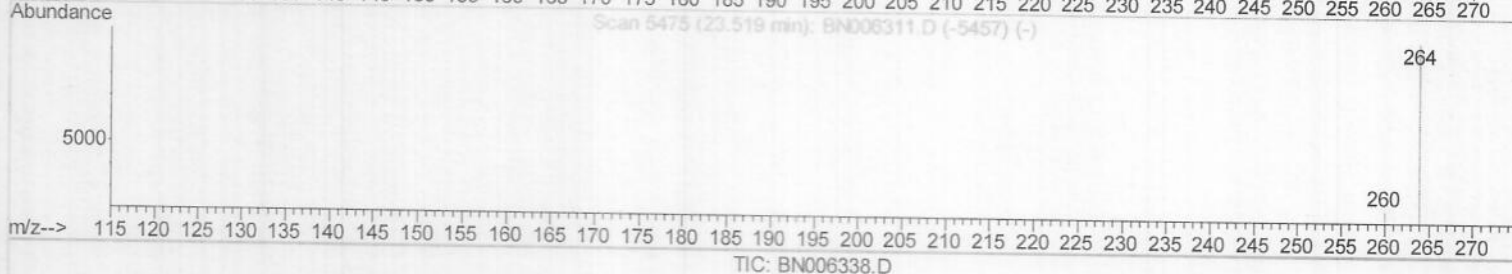
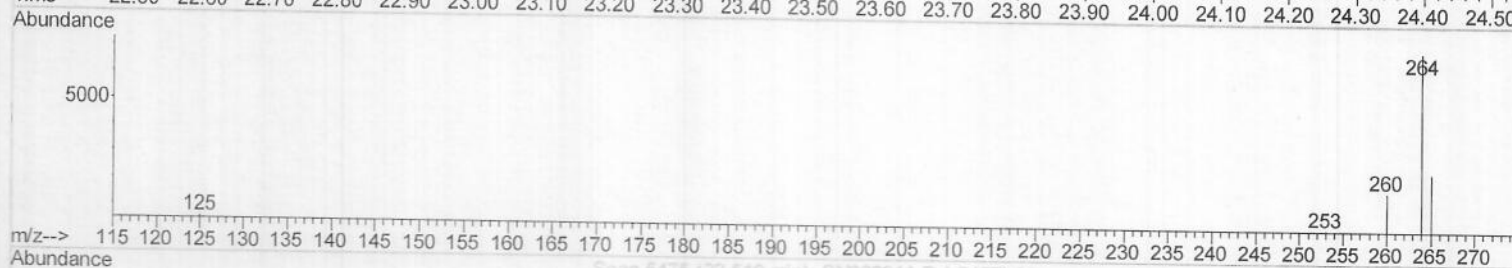
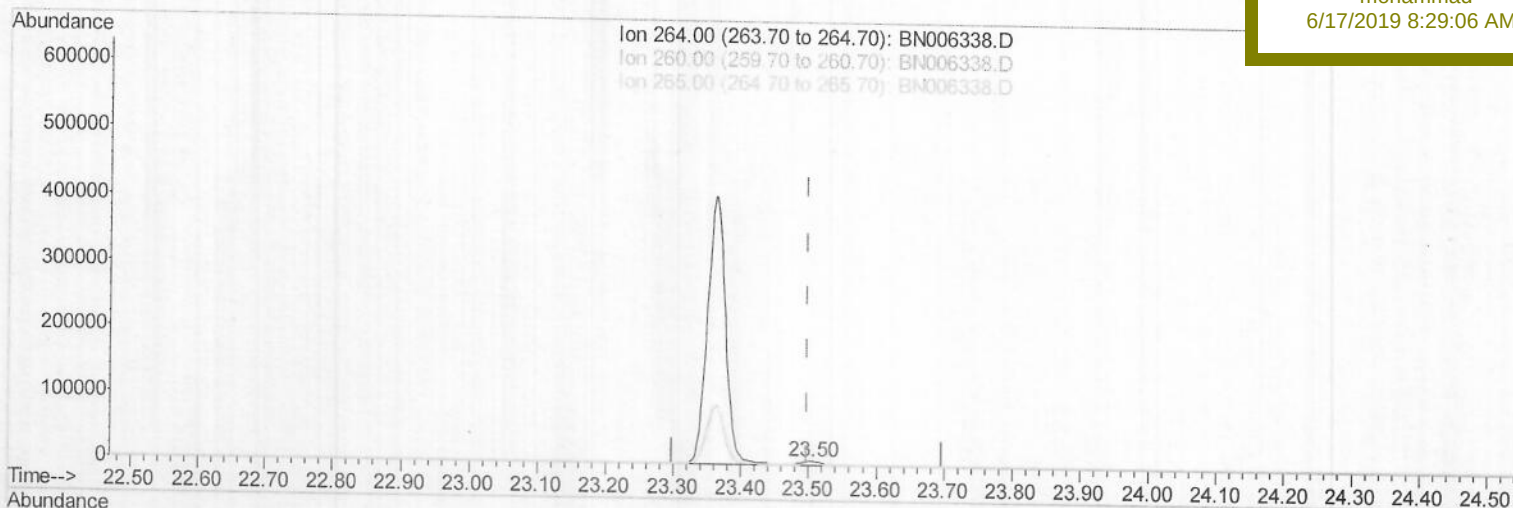
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:00:22 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 :
 A41W1

Manual Integrations
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mohammad
 6/17/2019 8:29:06 AM



(20) Perylene-d12 (I)

23.504min (+0.006) 0.40ng/ul m)JU06120119

response 10321

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.49
265.00	44.70	36.58
0.00	0.00	0.00

Quantitation Report (Qedit)

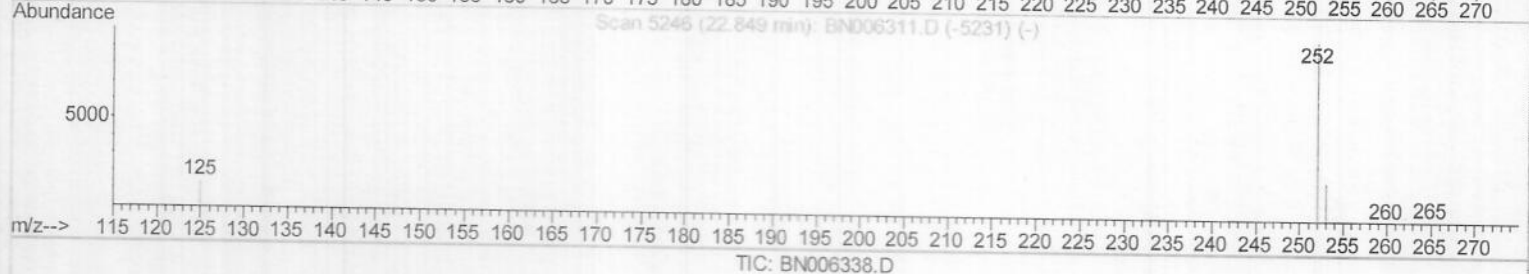
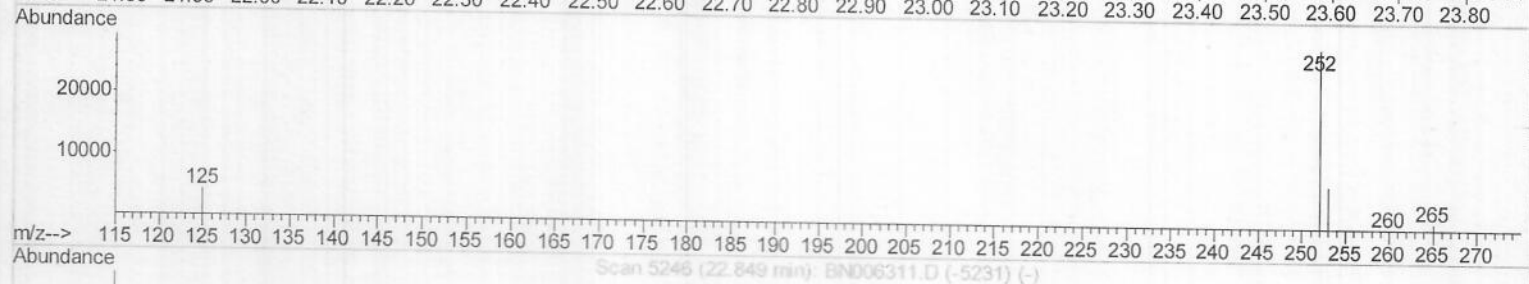
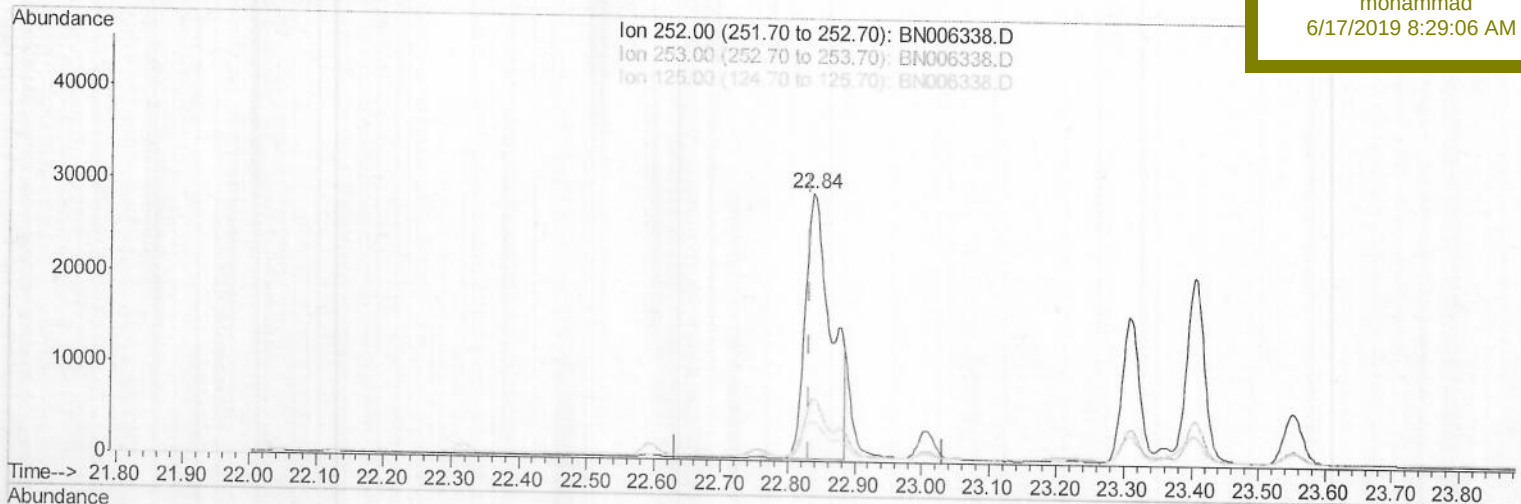
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
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(21) Benzo(b)fluoranthene
 22.838min (+0.006) 1.76ng/ul
 response 75790

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.25
125.00	20.50	14.49
0.00	0.00	0.00

Quantitation Report (Qedit)

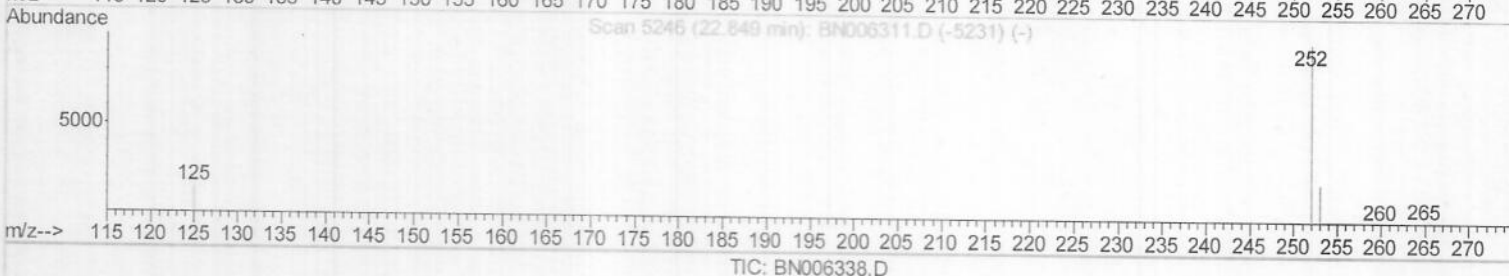
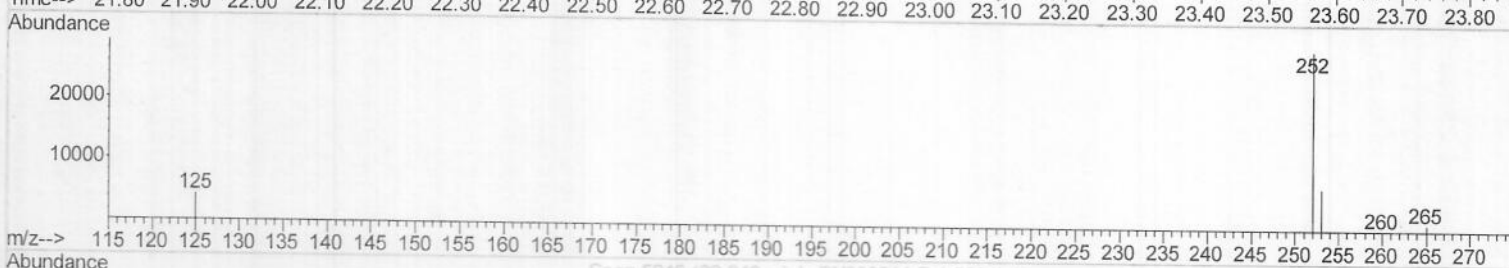
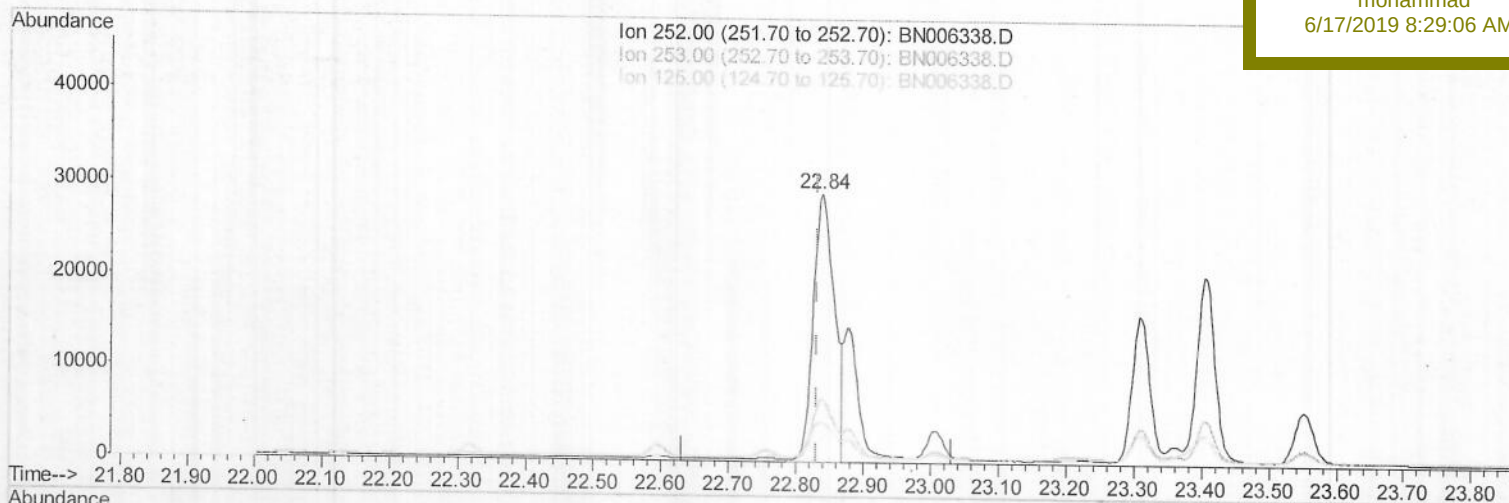
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
 APPROVED

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 6/17/2019 8:29:06 AM



(21) Benzo(b)fluoranthene

22.838min (+0.006) 1.46ng/ul m

response 63021

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.25
125.00	20.50	14.49
0.00	0.00	0.00

JU06/20/19

Quantitation Report (Qedit)

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

Data File : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :

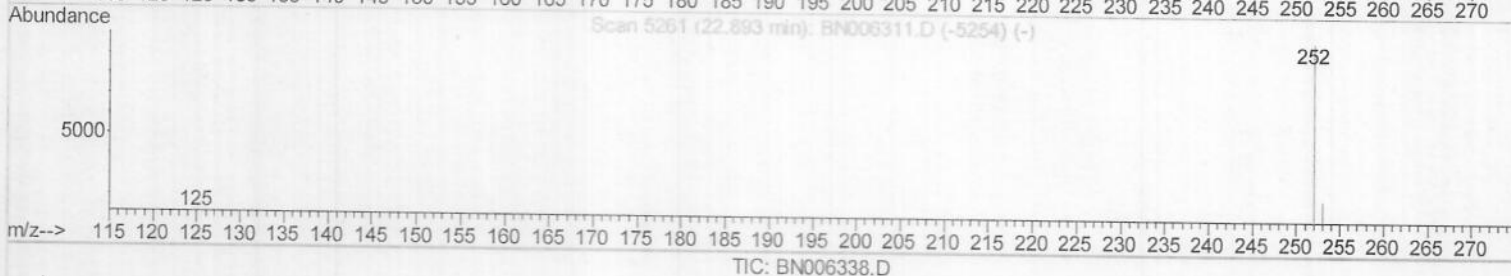
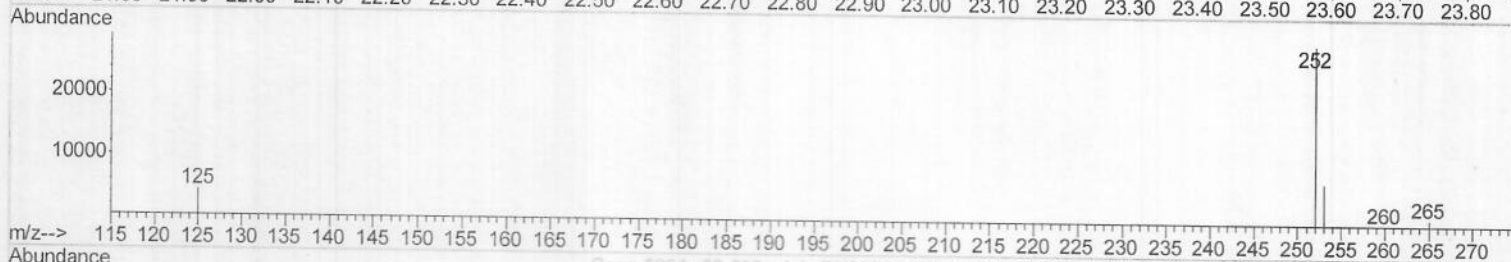
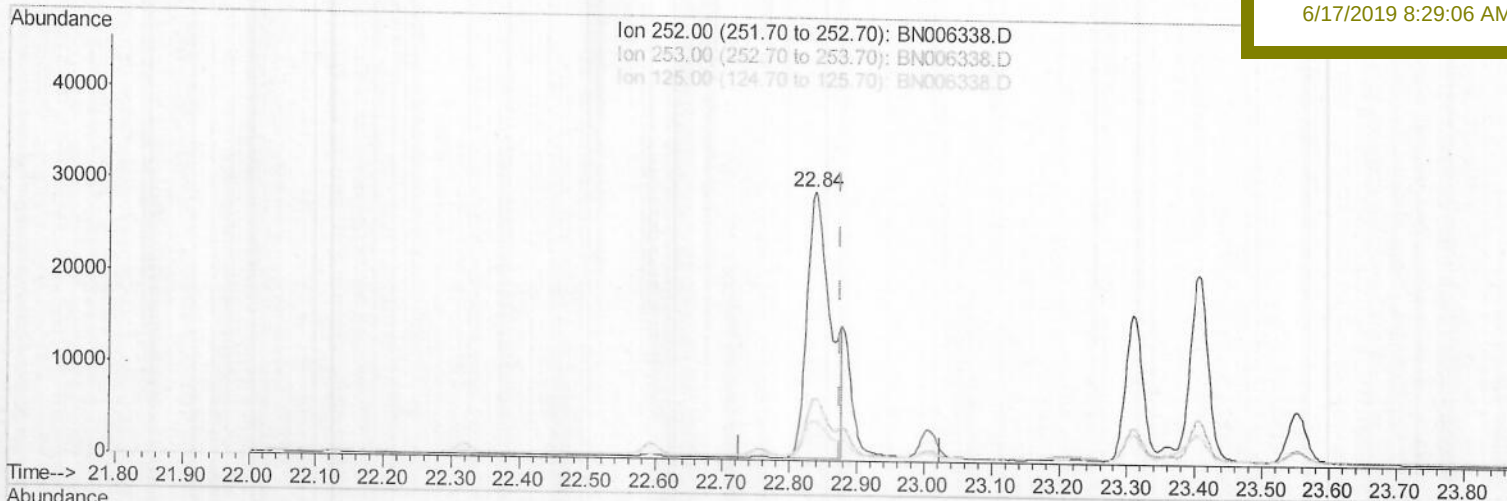
A41W1

Manual Integrations

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(22) Benzo(k)fluoranthene

22.838min (-0.038) 1.64ng/ul

response 68746

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.25
125.00	17.90	14.49
0.00	0.00	0.00

Quantitation Report (Qedit)

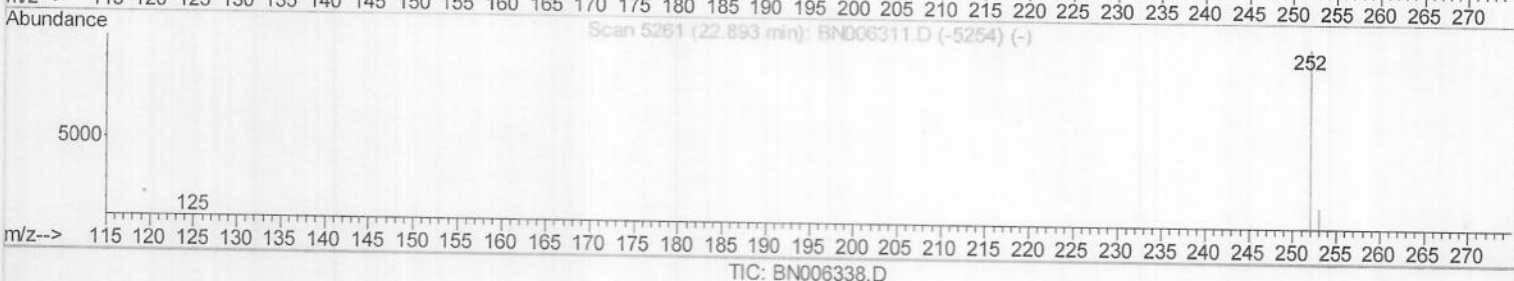
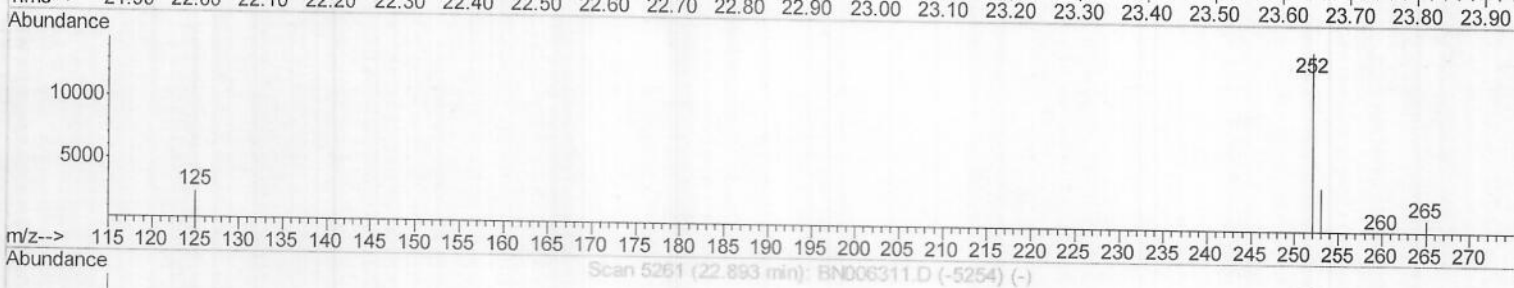
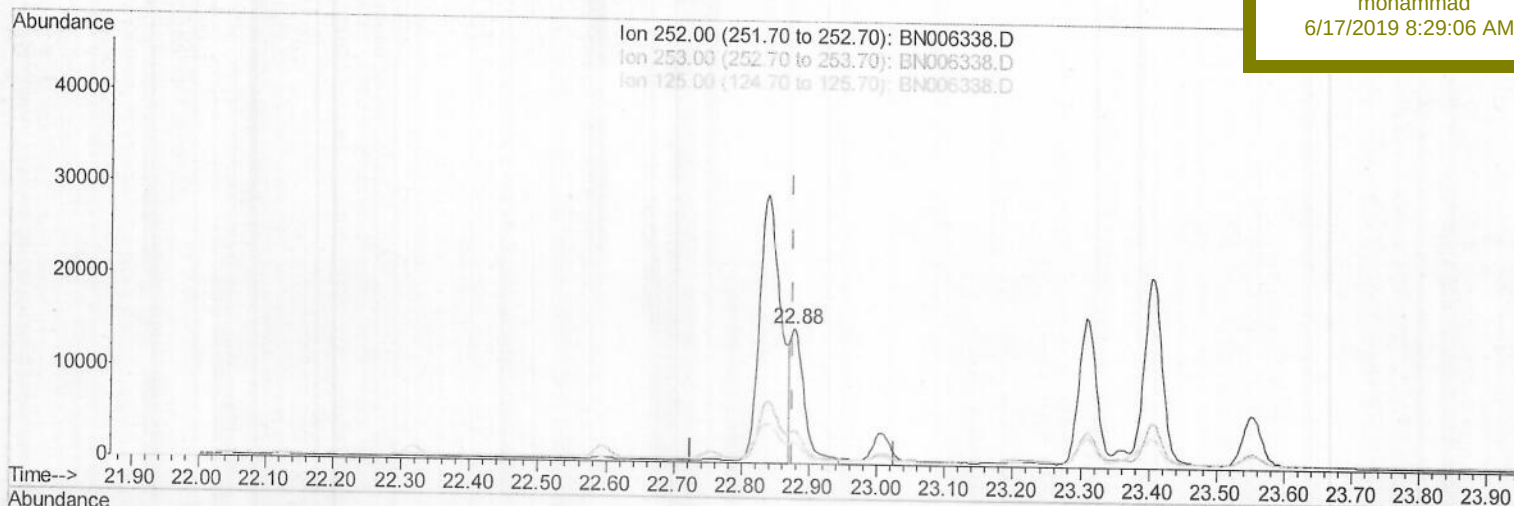
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
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 6/17/2019 8:29:06 AM



(22) Benzo(k)fluoranthene

22.879min (+0.003) 0.51ng/ul m) Ju 06/20/19

response 21288

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.89
125.00	17.90	15.68
0.00	0.00	0.00

Quantitation Report (Qedit)

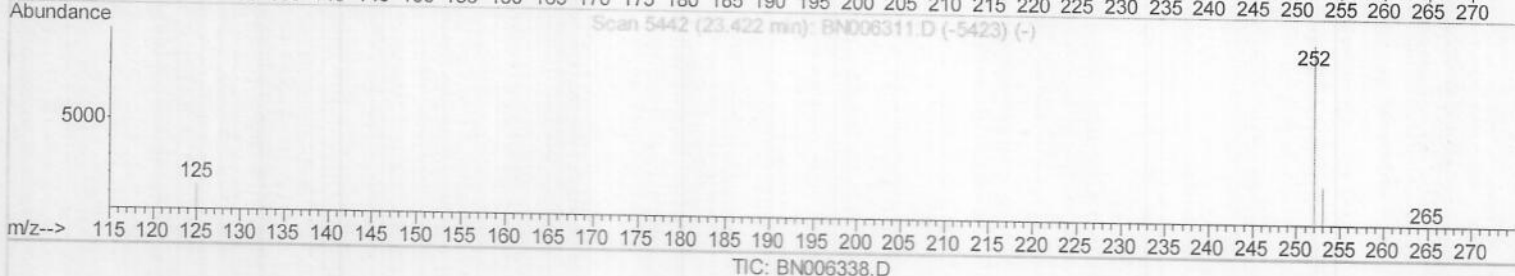
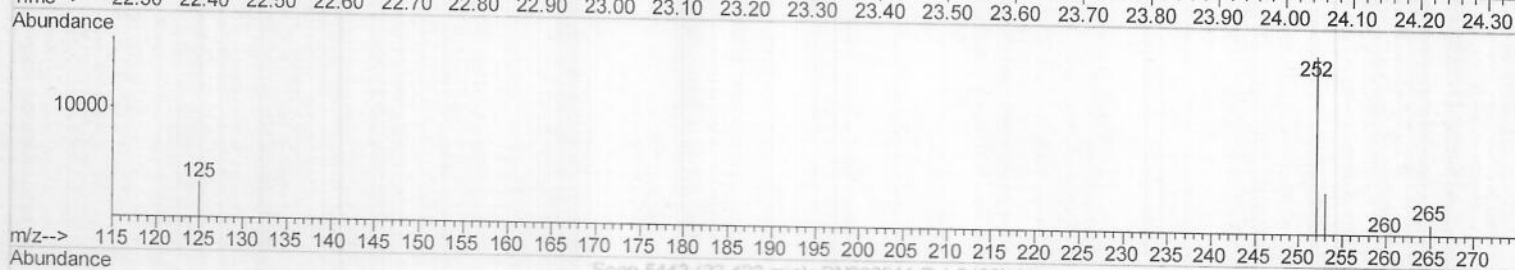
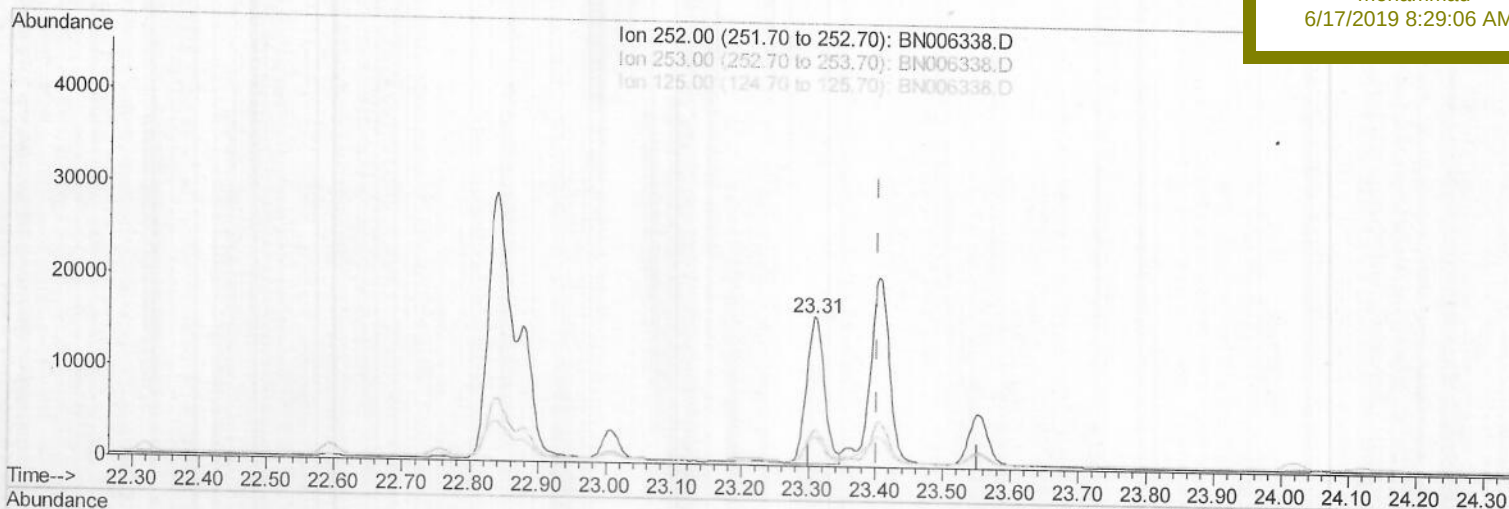
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
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(23) Benzo(a)pyrene (C)
 23.308min (-0.094) 0.72ng/ul
 response 28953

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.59
125.00	25.40	20.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

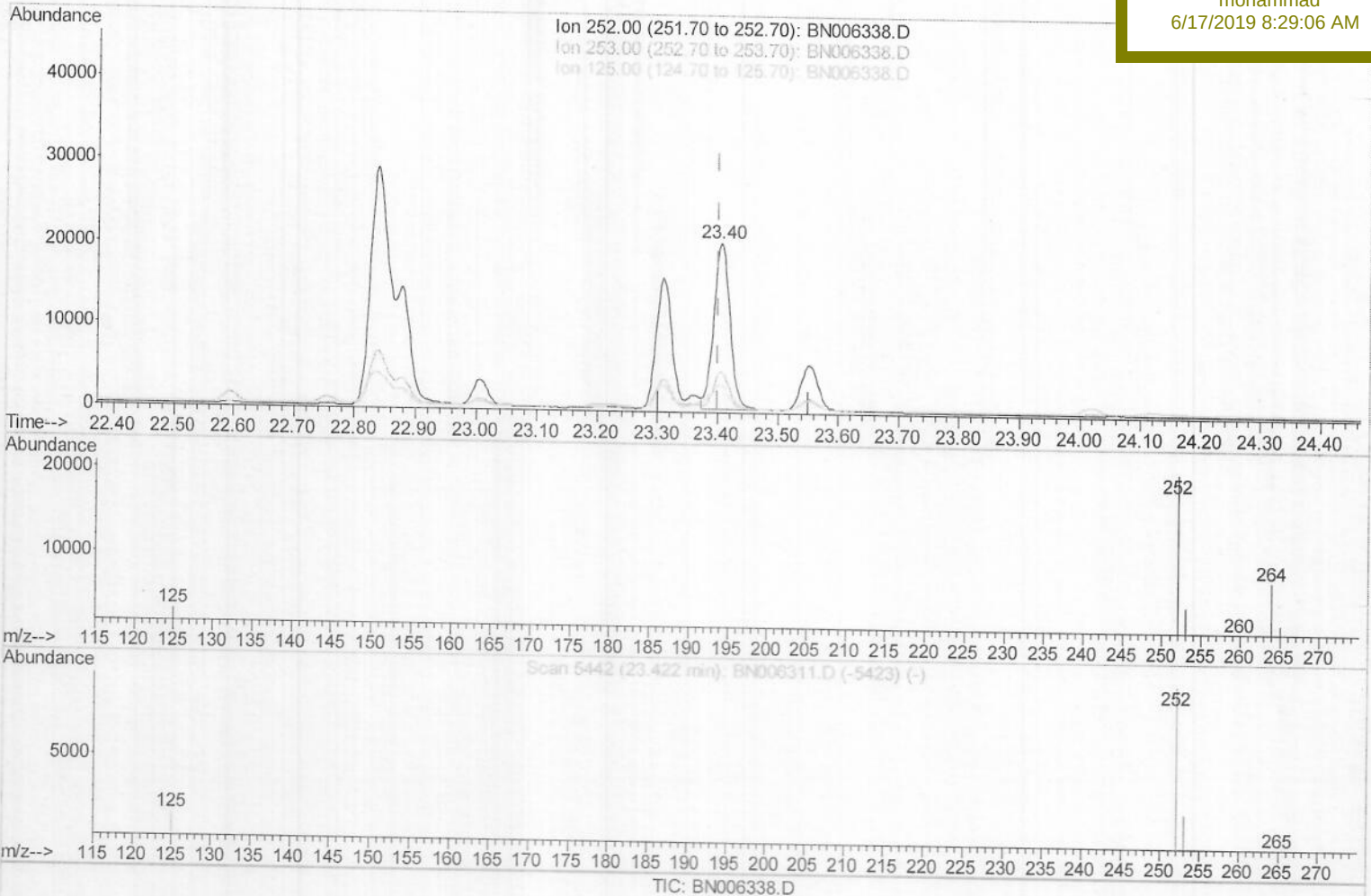
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Manual Integrations
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Quant Time: Jun 14 18:01:02 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



(23) Benzo(a)pyrene (C)

23.405min (+0.003) 0.94ng/ul m

response 37620

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.55
125.00	25.40	15.60#
0.00	0.00	0.00

JUN 14 2019

Quantitation Report (Qedit)

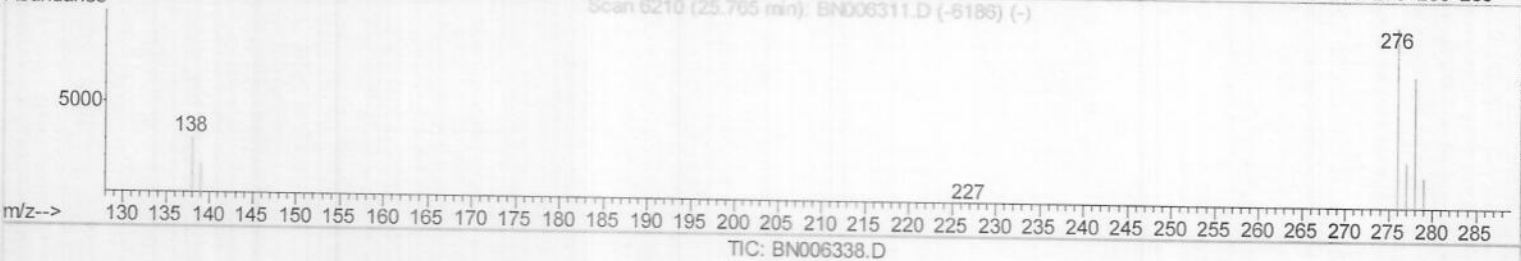
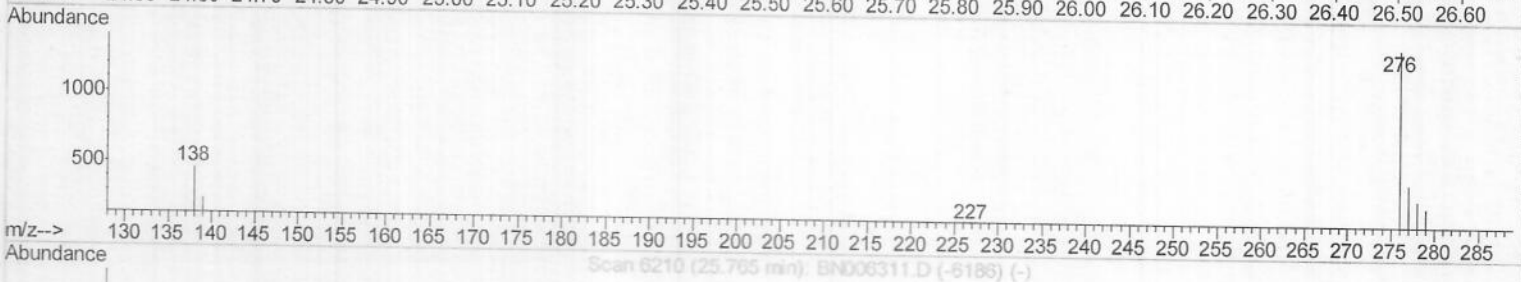
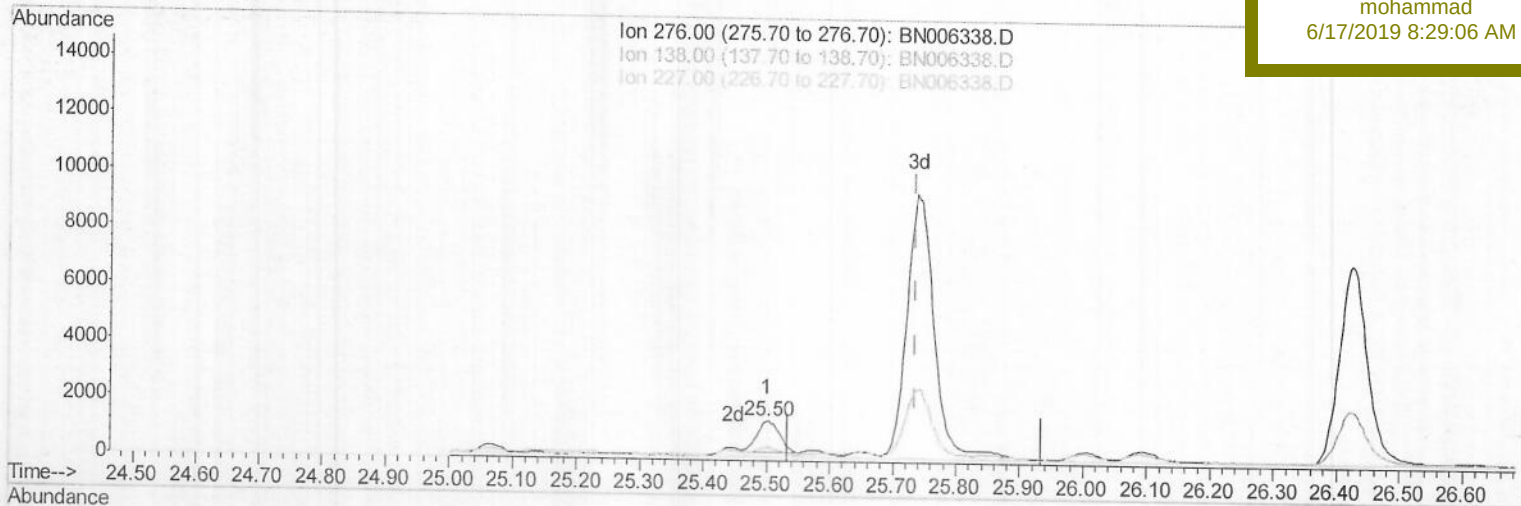
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

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

25.500min (-0.235) 0.06ng/ul

response 2564

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	20.48#
227.00	0.40	0.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

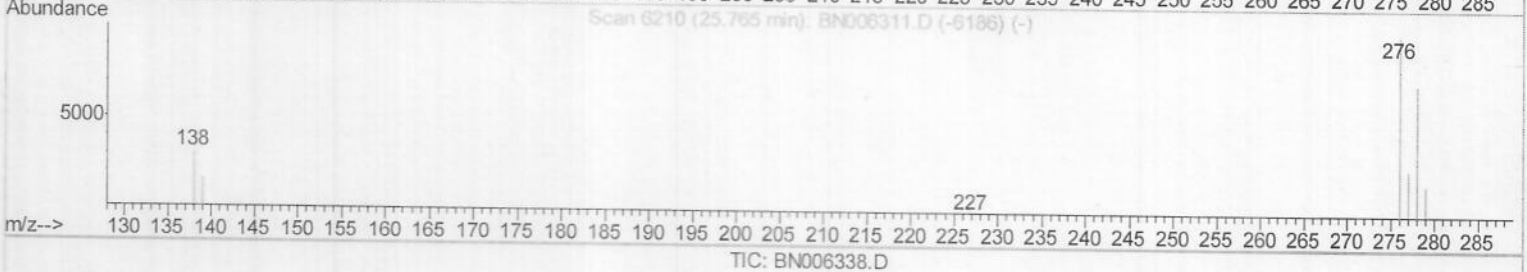
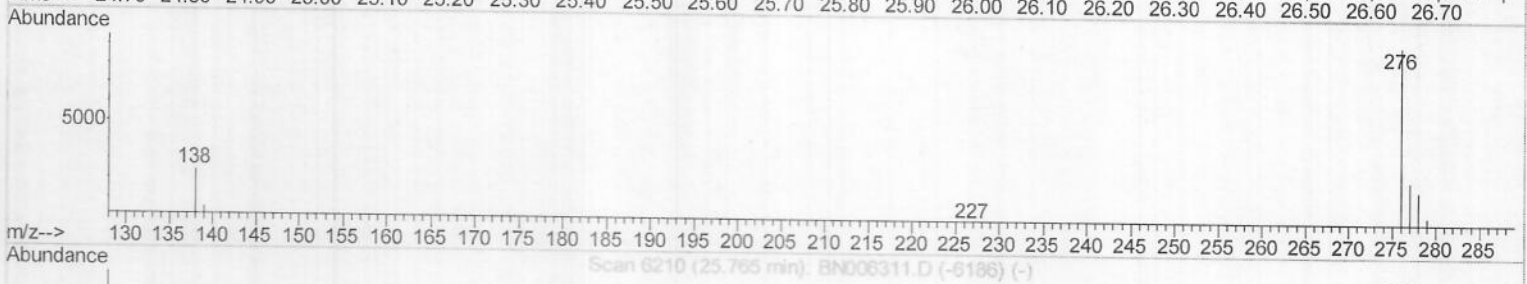
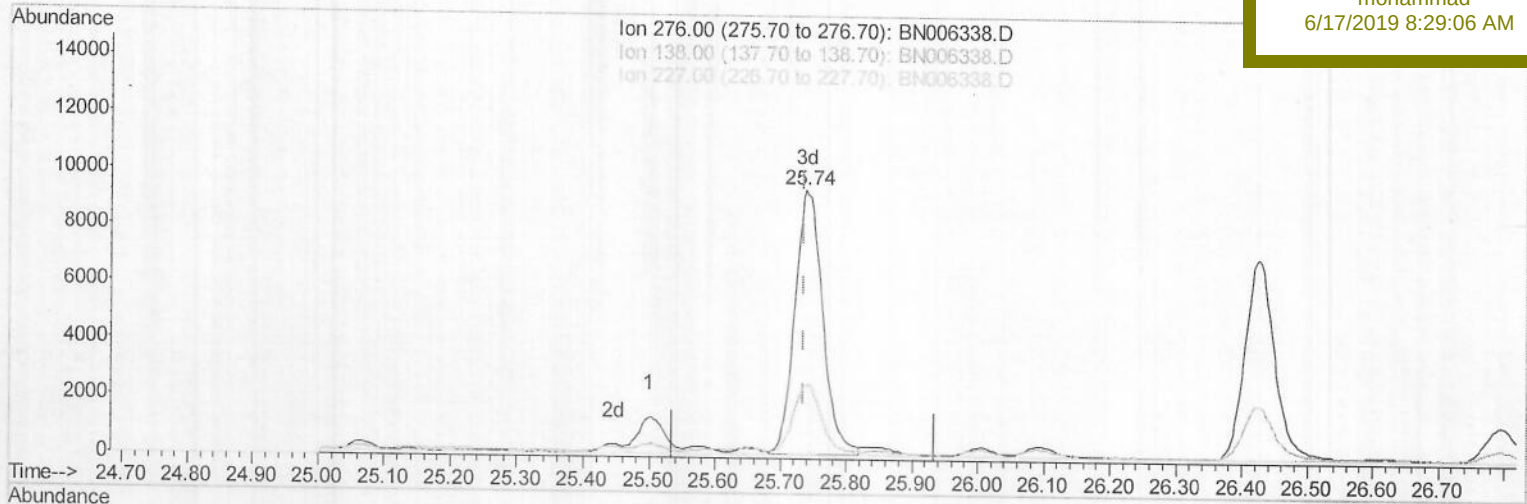
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
APPROVED

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

25.739min (+0.003) 0.62ng/ul m

response 26883

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	1.95#
227.00	0.40	0.01#
0.00	0.00	0.00

JU06/20/19

Quantitation Report (Qedit)

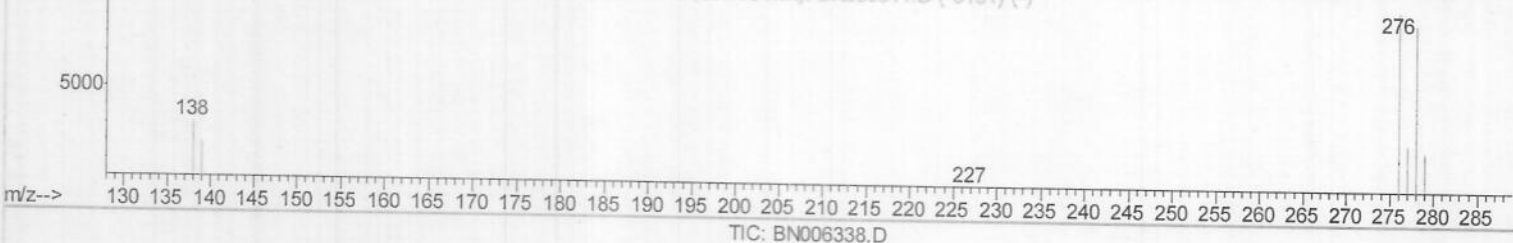
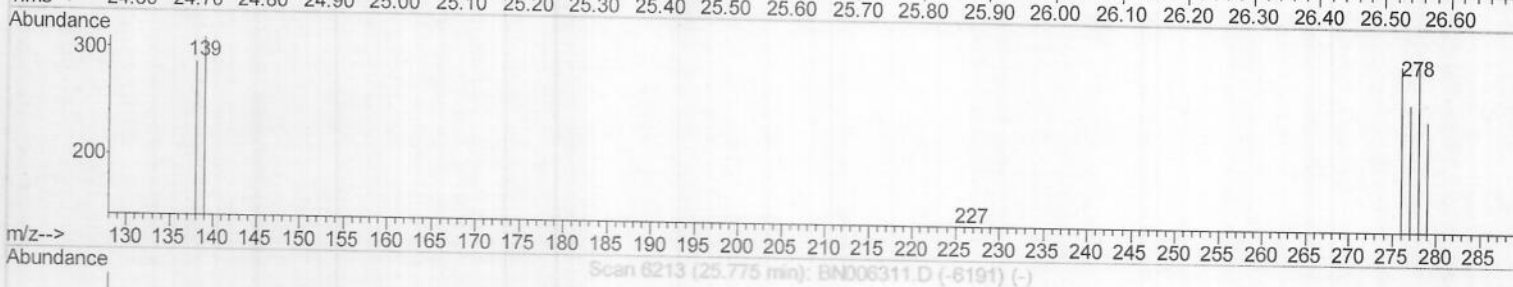
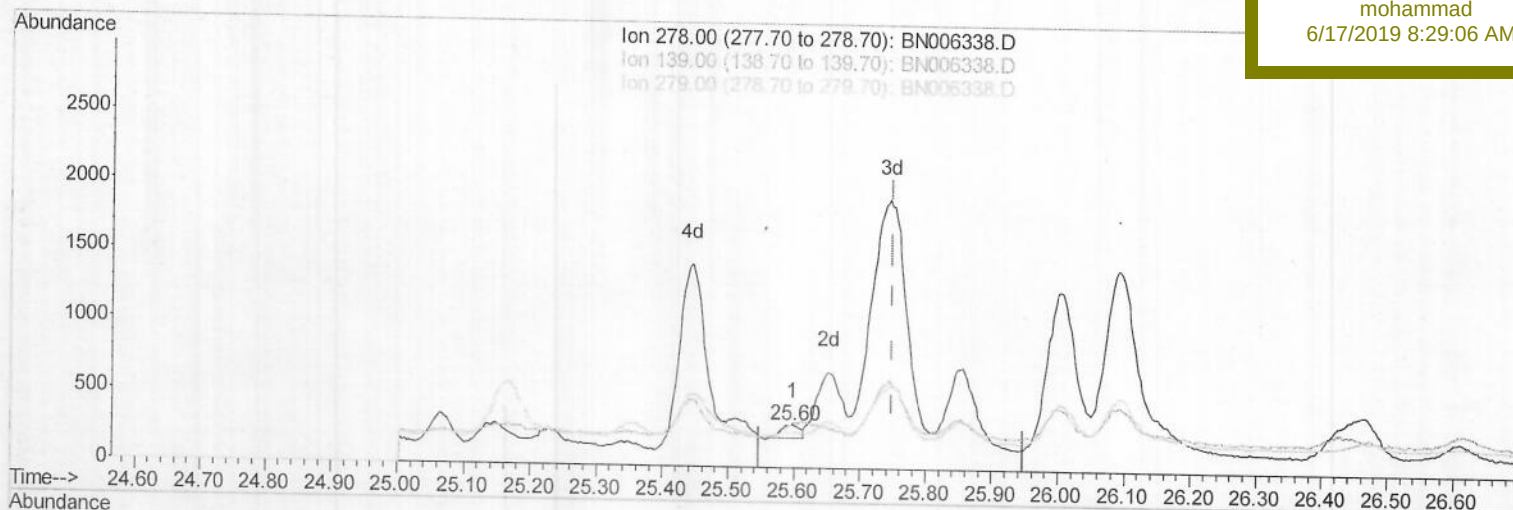
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Manual Integrations
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Quant Time: Jun 14 18:01:02 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



(25) Dibenzo(a,h)anthracene

25.598min (-0.151) 0.01ng/ul

response 200

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	102.32#
279.00	28.20	81.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

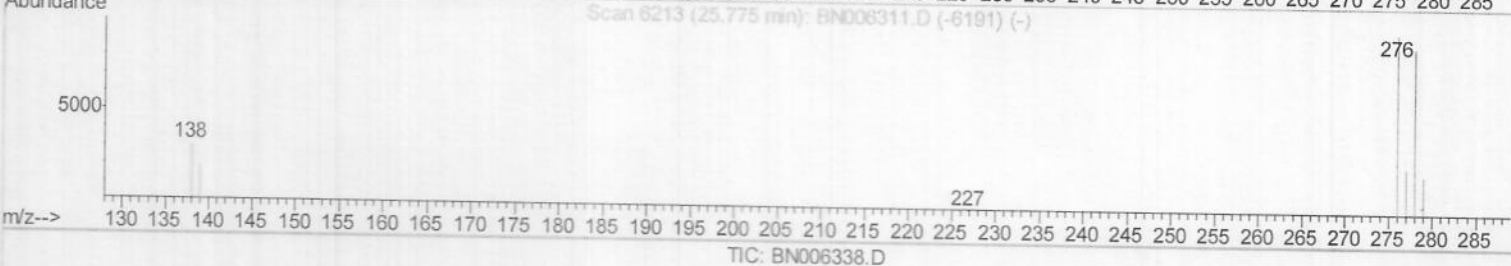
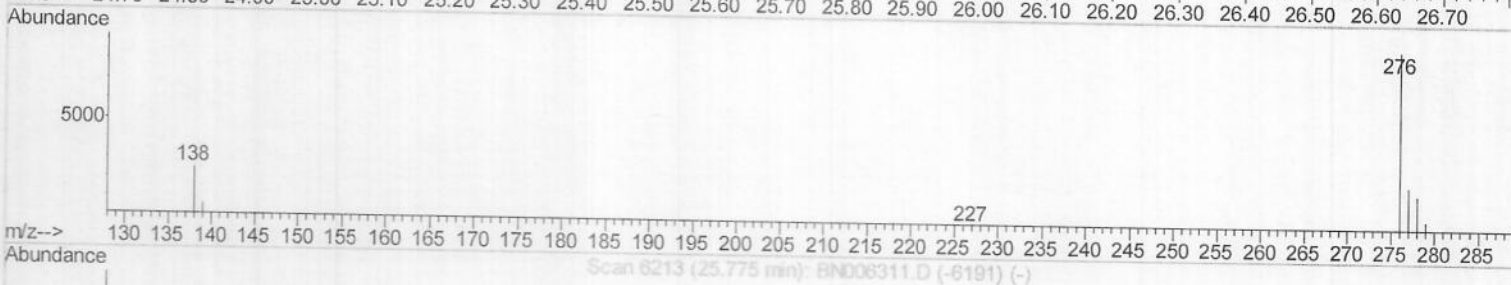
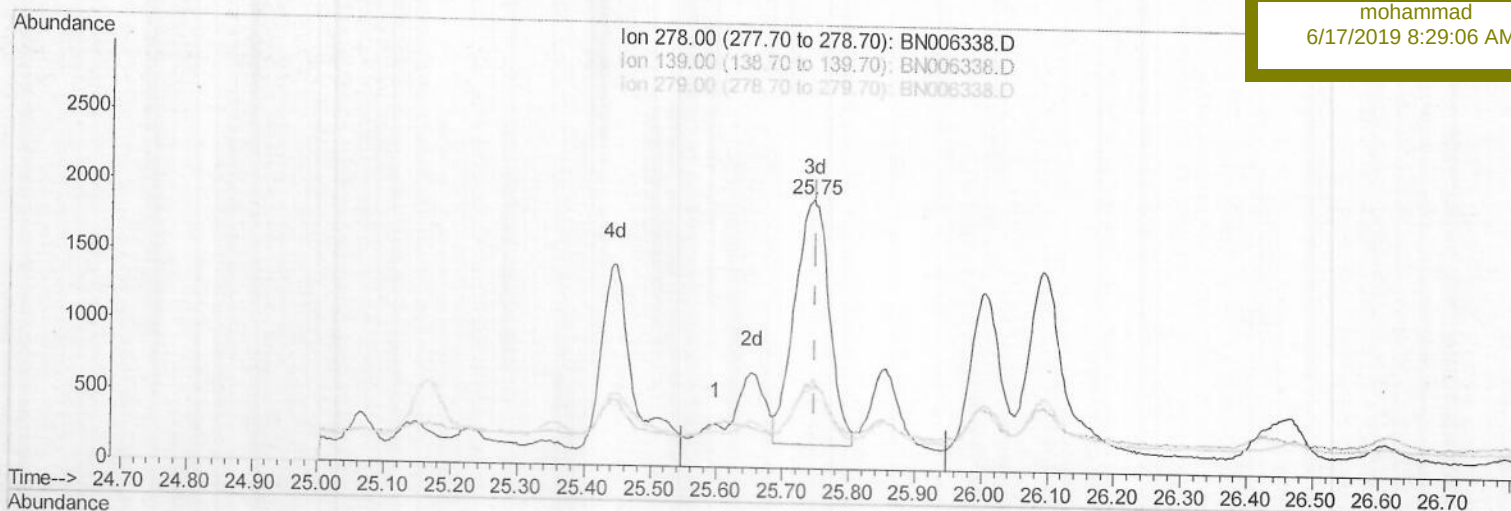
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :
 A41W1

Manual Integrations
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(25) Dibenzo(a,h)anthracene

25.745min (-0.003) 0.18ng/ul m

JU06/2019

response 6346

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	32.57#
279.00	28.20	29.80
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006338.D

Acq On : 14 Jun 2019 16:15

Operator : JU/SJ

Sample : K3332-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 18:01:02 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 :

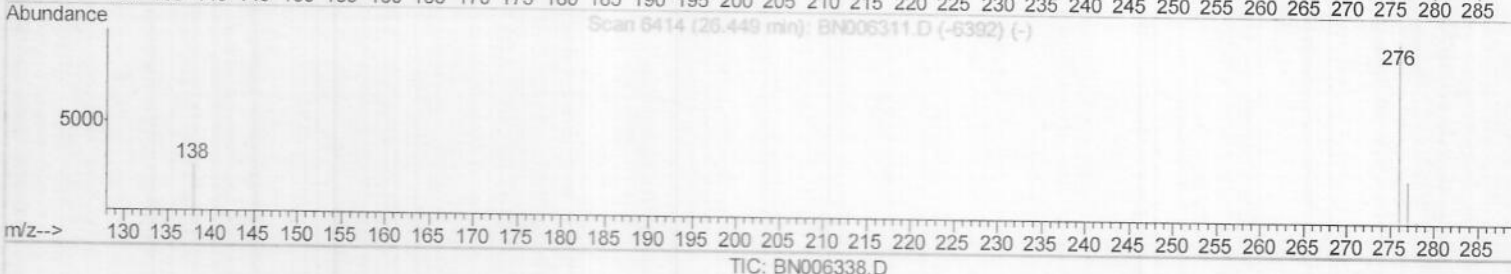
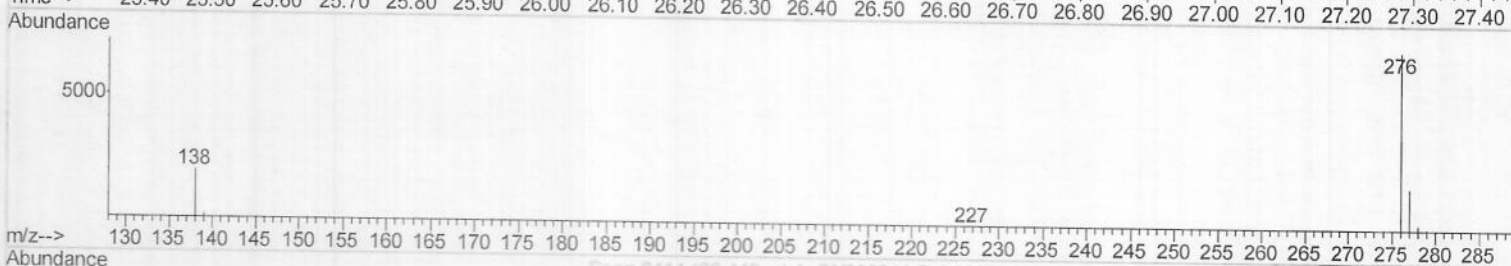
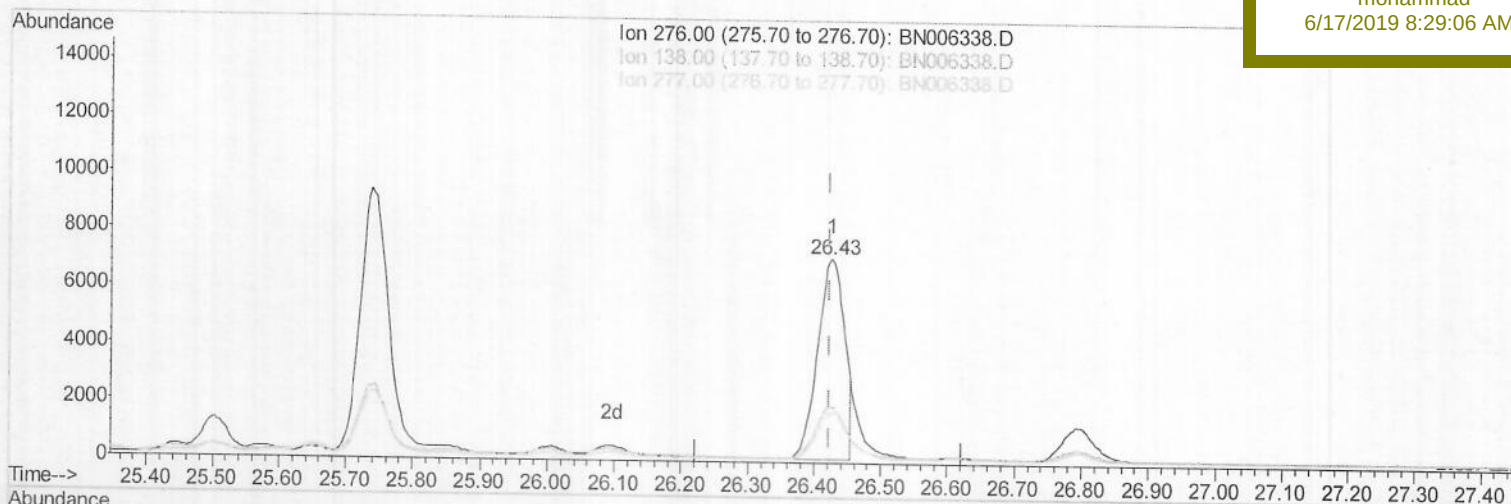
A41W1

Manual Integrations

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

26.426min (+0.003) 0.53ng/ul

response 19301

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	27.86
277.00	26.90	24.93
0.00	0.00	0.00

Quantitation Report (Qedit)

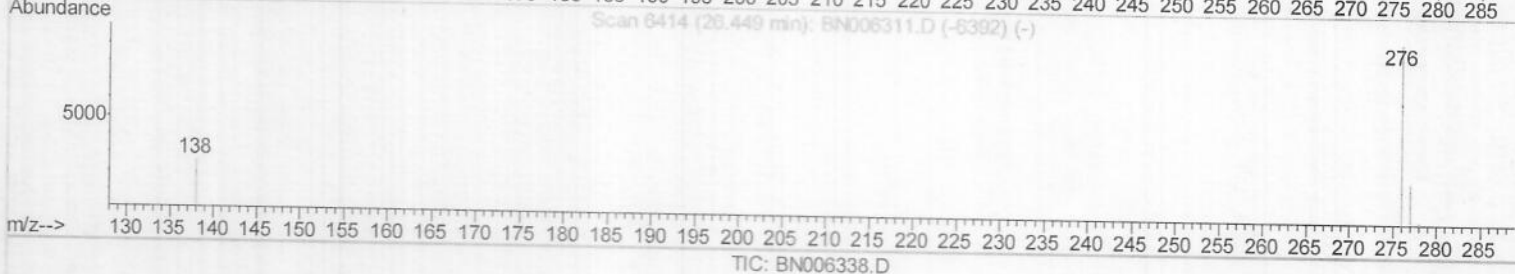
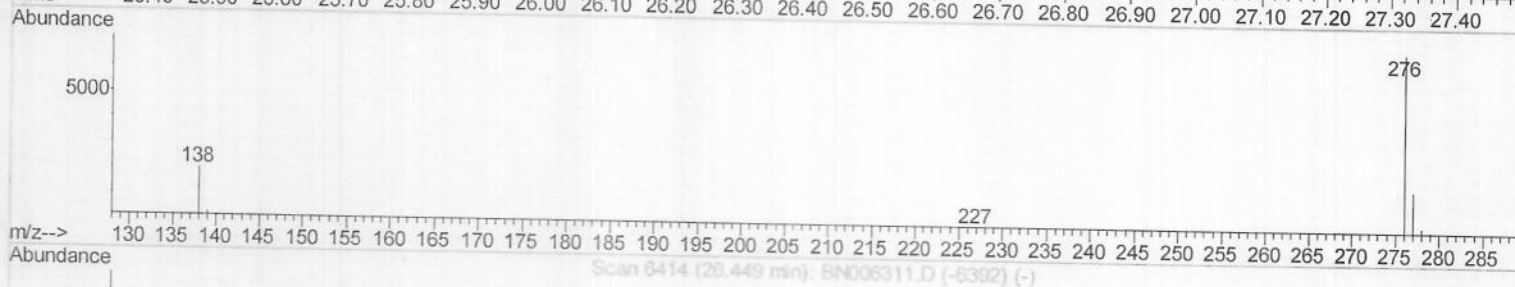
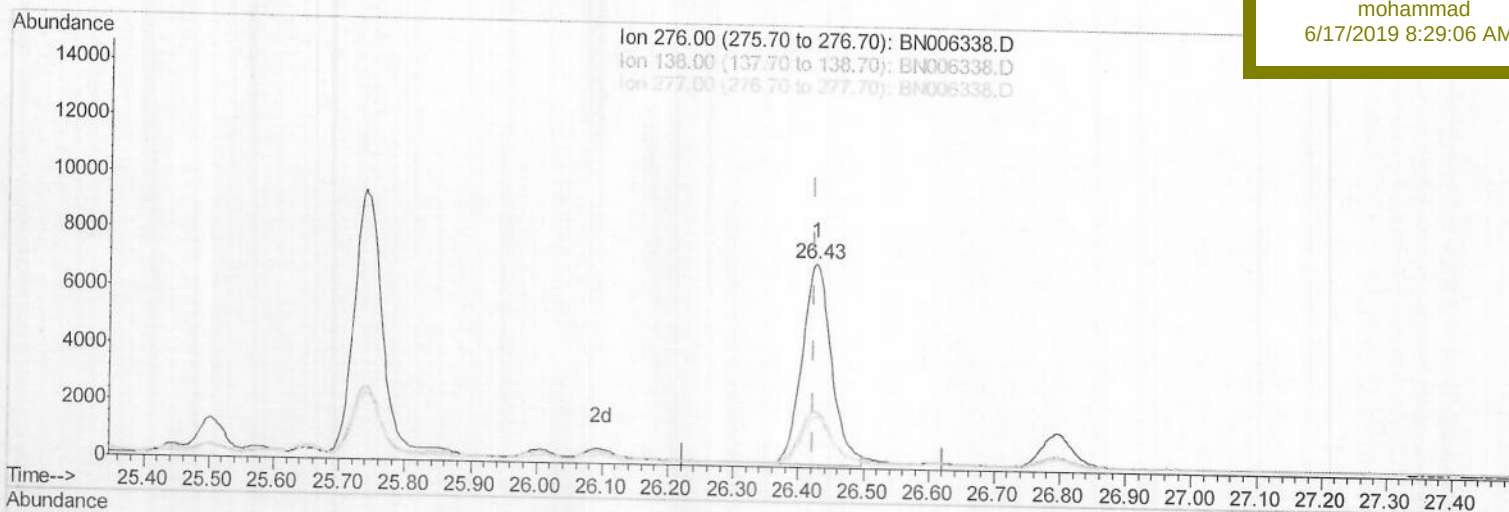
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Manual Integrations
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Quant Time: Jun 14 18:01:02 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



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

26.426min (+0.003) 0.61ng/ul m

JU06/20/19

response 22001

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	27.86
277.00	26.90	24.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Quant Time: Jun 14 18:03:08 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

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17243	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15499m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10973m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10321m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4533	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9829m	0.24	ng/ul	0.00
Target Compounds						
8) Acenaphthene	14.36	153	965	0.030	ng/ul	Qvalue 97
9) Fluorene	15.35	166	1519	0.040	ng/ul#	97
12) Phenanthrene	17.09	178	53189m	1.069	ng/ul	
13) Anthracene	17.18	178	8730m	0.184	ng/ul	
15) Fluoranthene	19.12	202	126615m	2.305	ng/ul	
17) Pyrene	19.49	202	98481	1.704	ng/ul	100
18) Benzo(a)anthracene	21.25	228	39879	0.822	ng/ul	99
19) Chrysene	21.30	228	52333	1.149	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	63021m	1.464	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	21288m	0.508	ng/ul	
23) Benzo(a)pyrene	23.40	252	37620m	0.939	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	26883m	0.620	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	6346m	0.183	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	22001m	0.605	ng/ul	

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