

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:21:41 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 : Mon Jun 17 11:13:07 2019

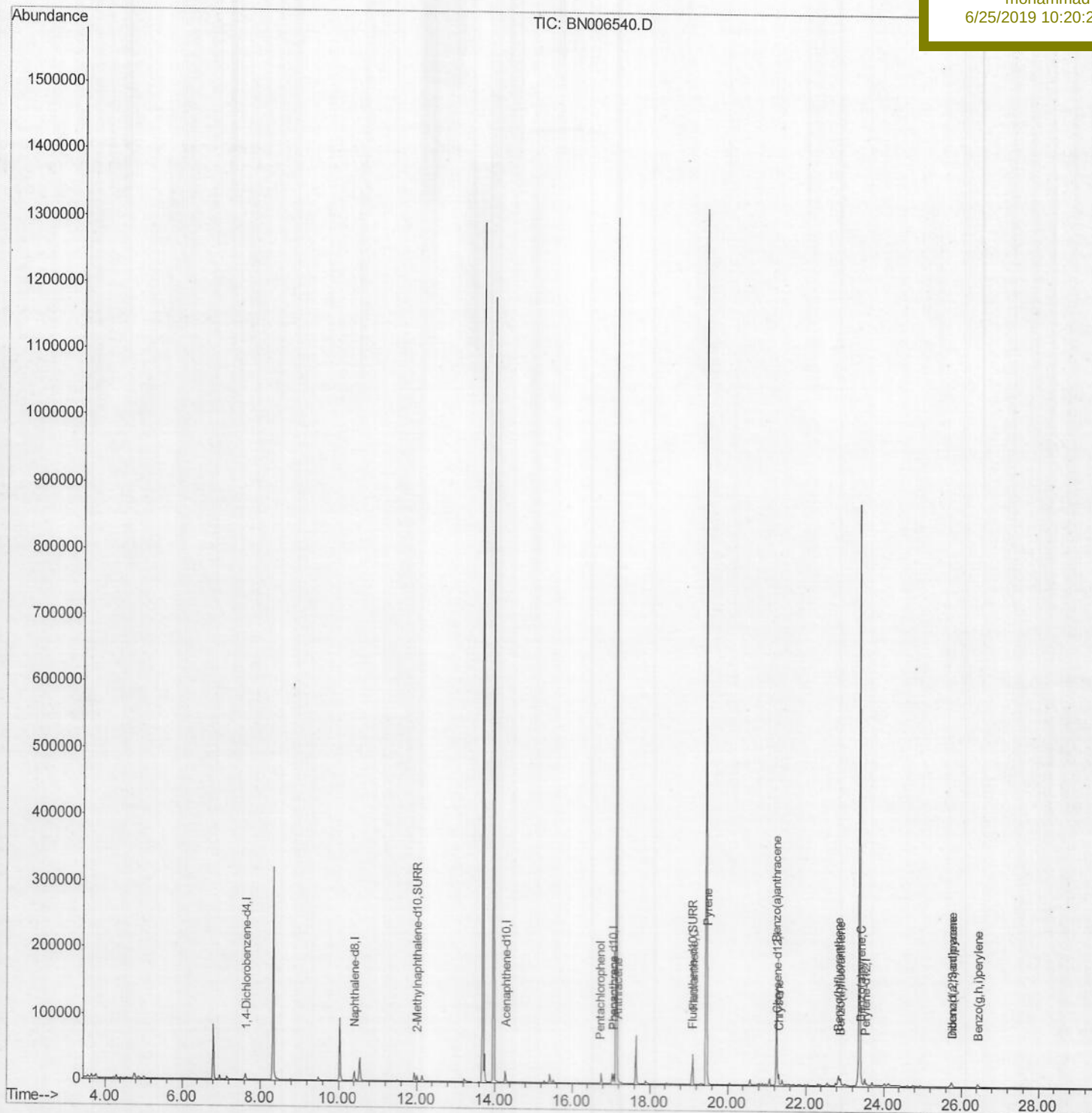
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006540.D
Acq On : 24 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

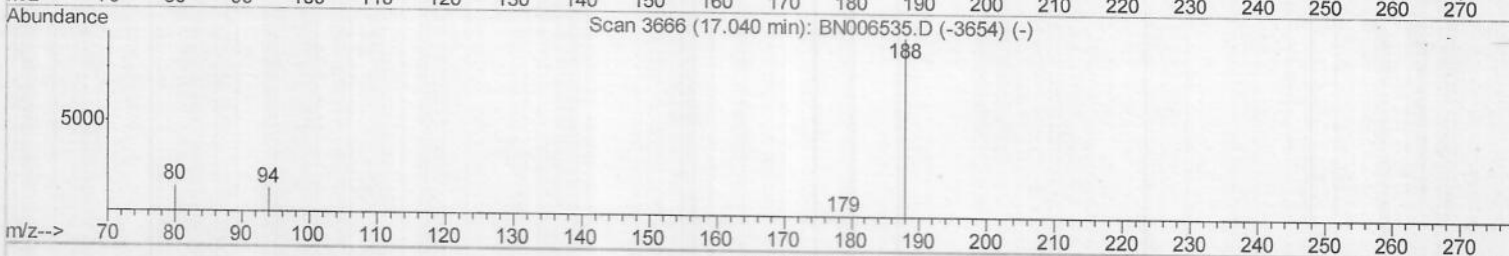
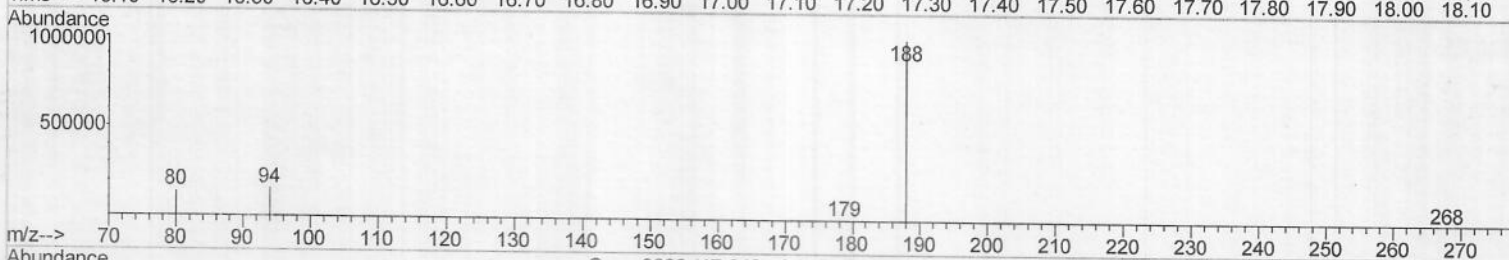
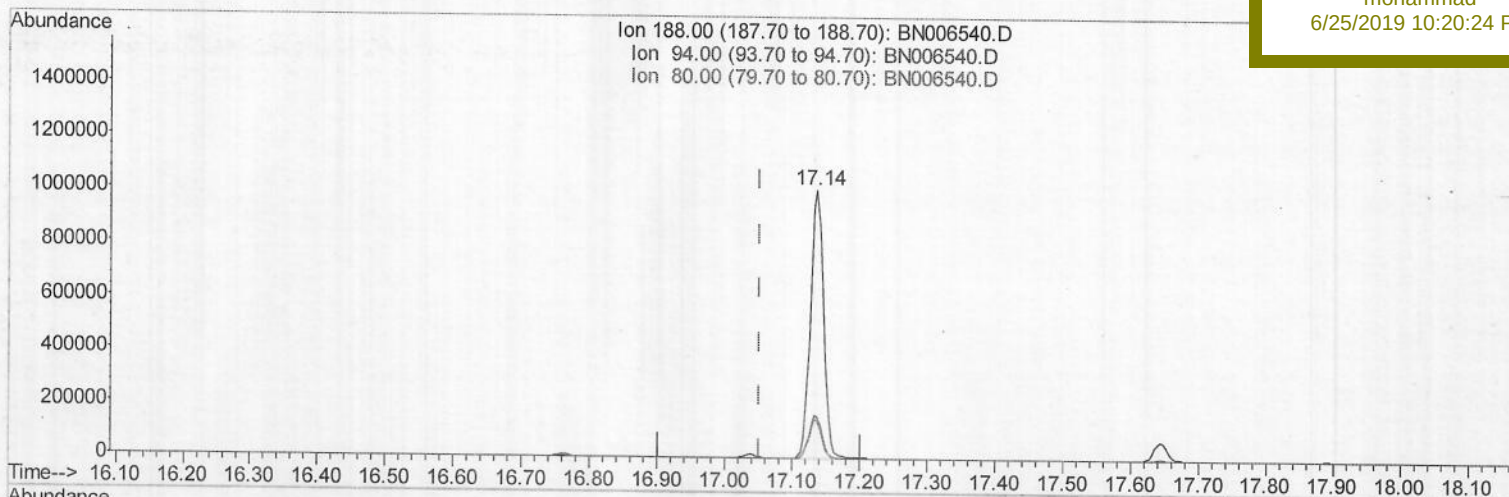
Quant Time: Jun 25 00:44:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

TIC: BN006540.D

(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 1388763

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.48
80.00	13.60	14.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006540.D
Acq On : 24 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 00:44:44 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :

BNA_N

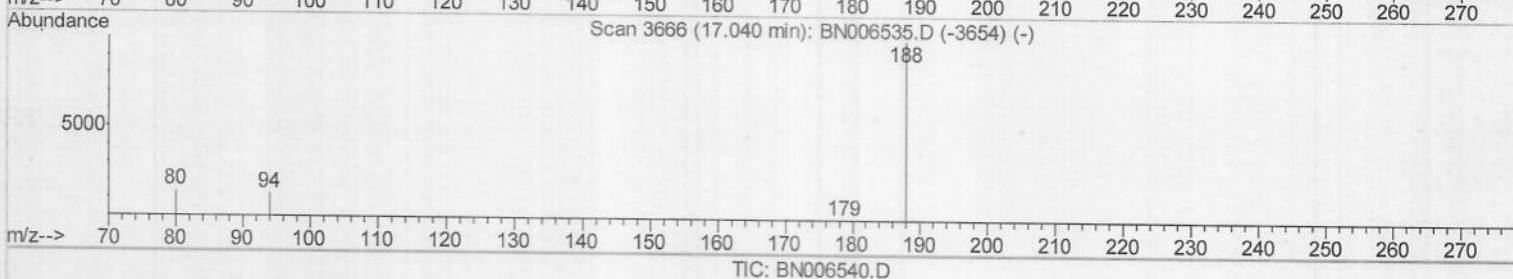
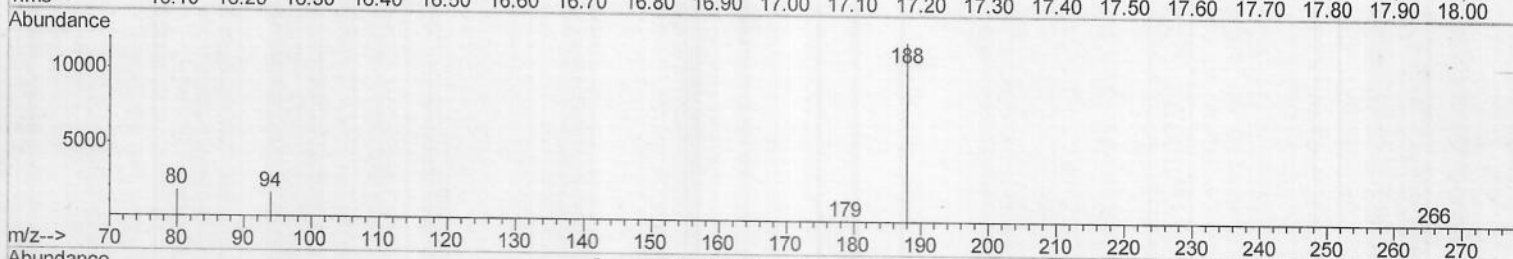
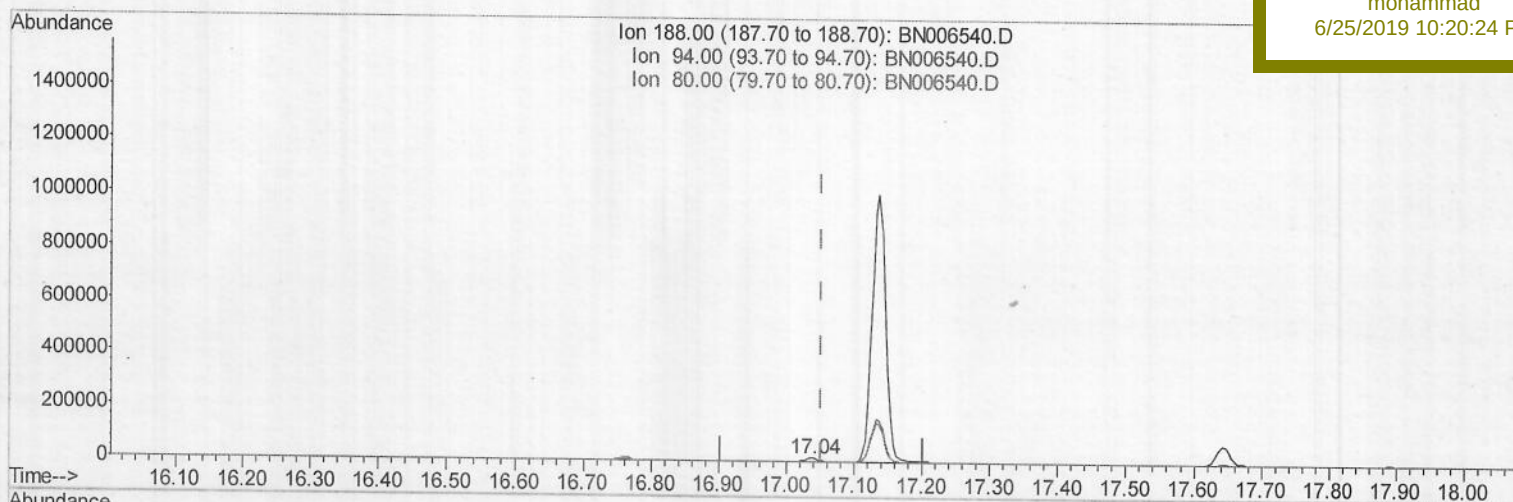
ClientSampleId :

A41X6

Manual Integrations
APPROVED

mohammad

6/25/2019 10:20:24 PM



(10) Phenanthrene-d10 (I)

17.040min (-0.013) 0.40ng/ul m

> JU 06/26/19

response 17692

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.59
80.00	13.60	14.86
0.00	0.00	0.00

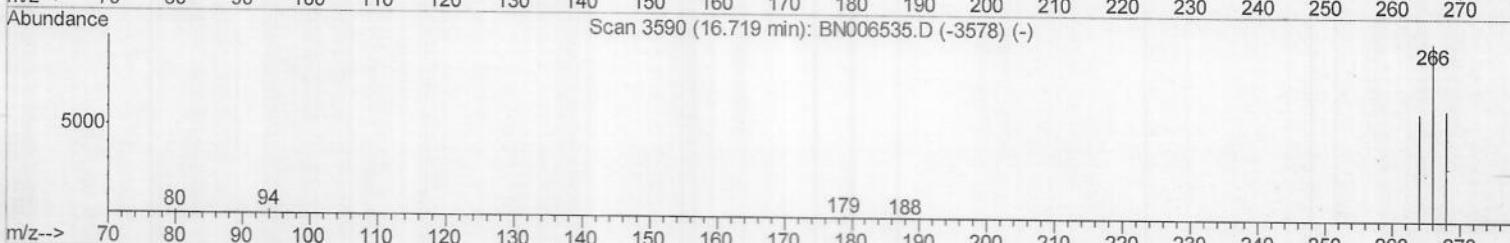
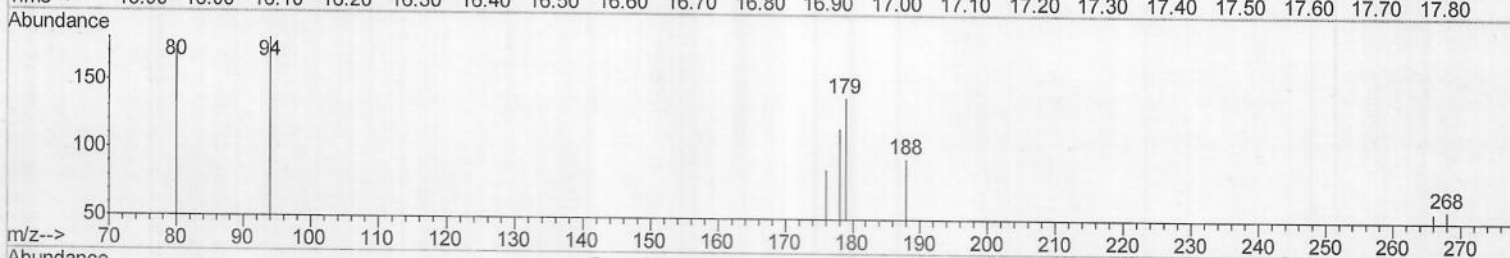
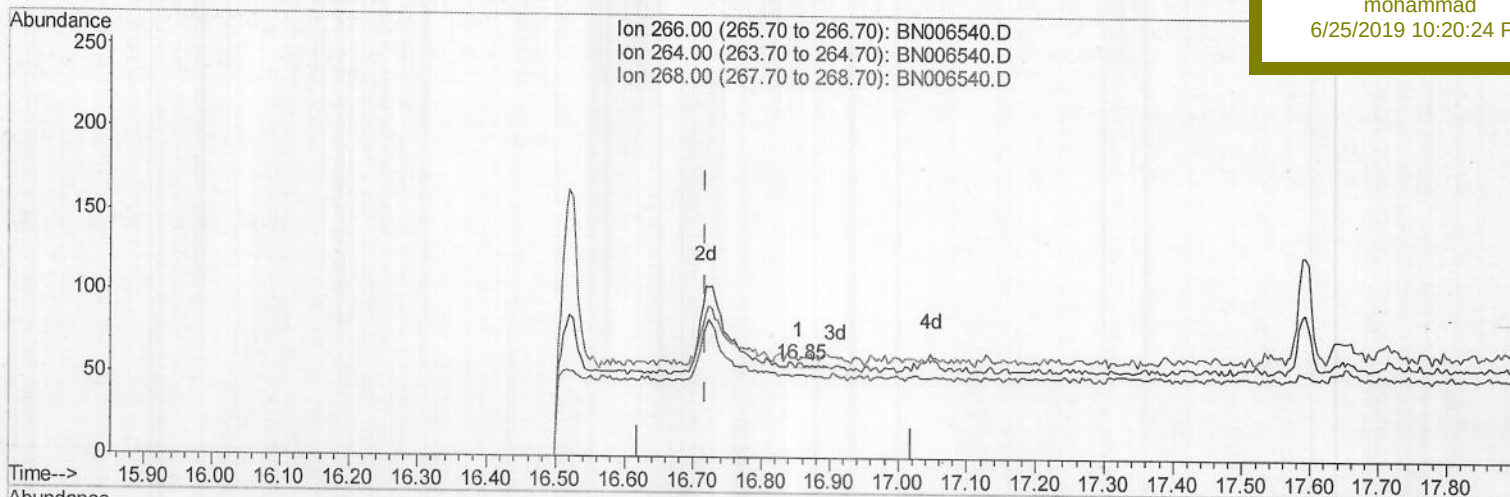
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006540.D
Acq On : 24 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A41X6

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM



TIC: BN006540.D

(11) Pentachlorophenol

16.854min (+0.135) 0.00ng/ul

response 5

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	80.00#
268.00	64.10	80.00#
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

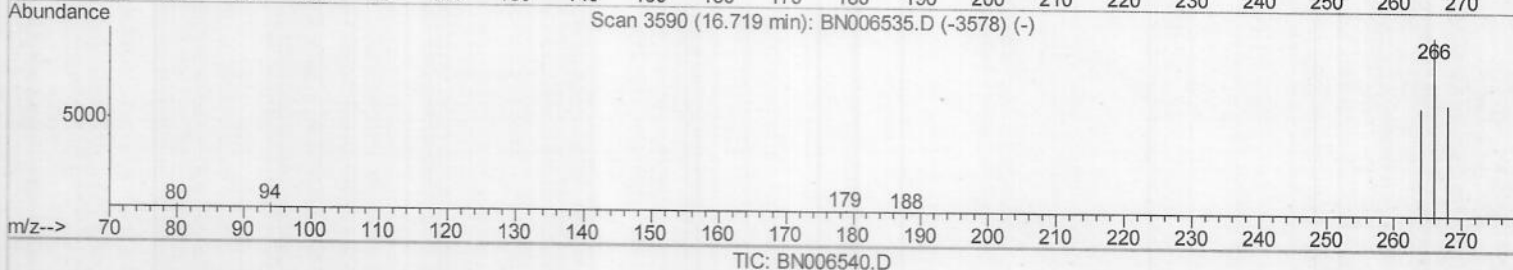
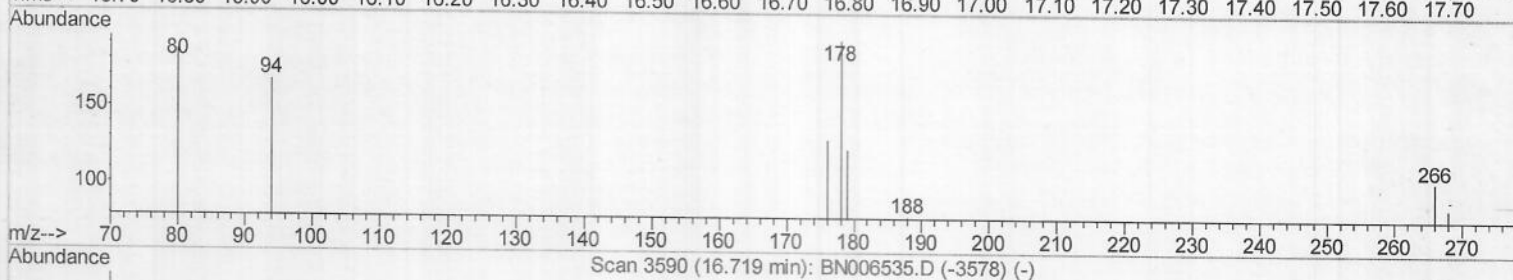
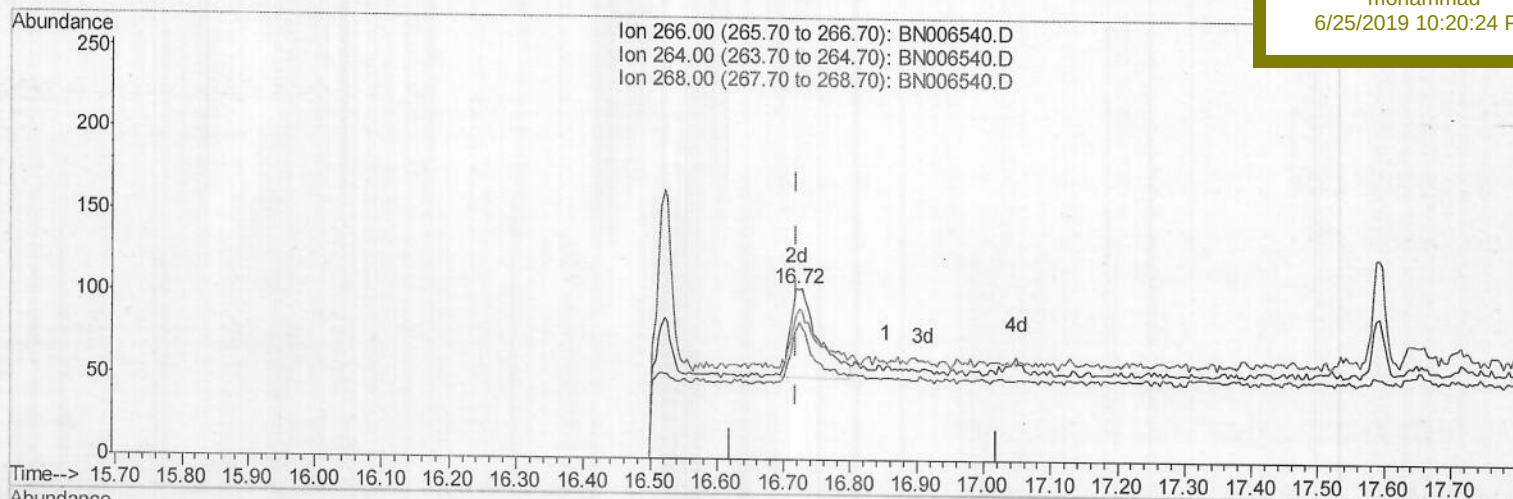
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(11) Pentachlorophenol

16.719min (+0.000) 0.04ng/ul m

JU 06/26/19

response 160

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	2.50#
268.00	64.10	2.50#
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

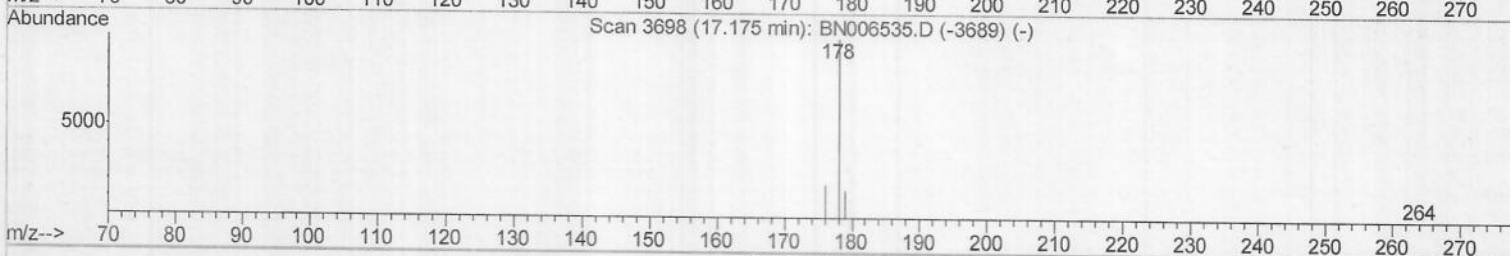
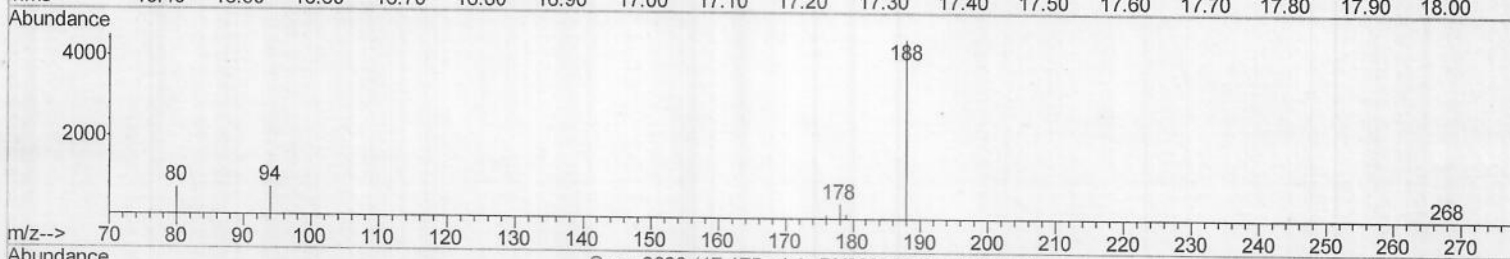
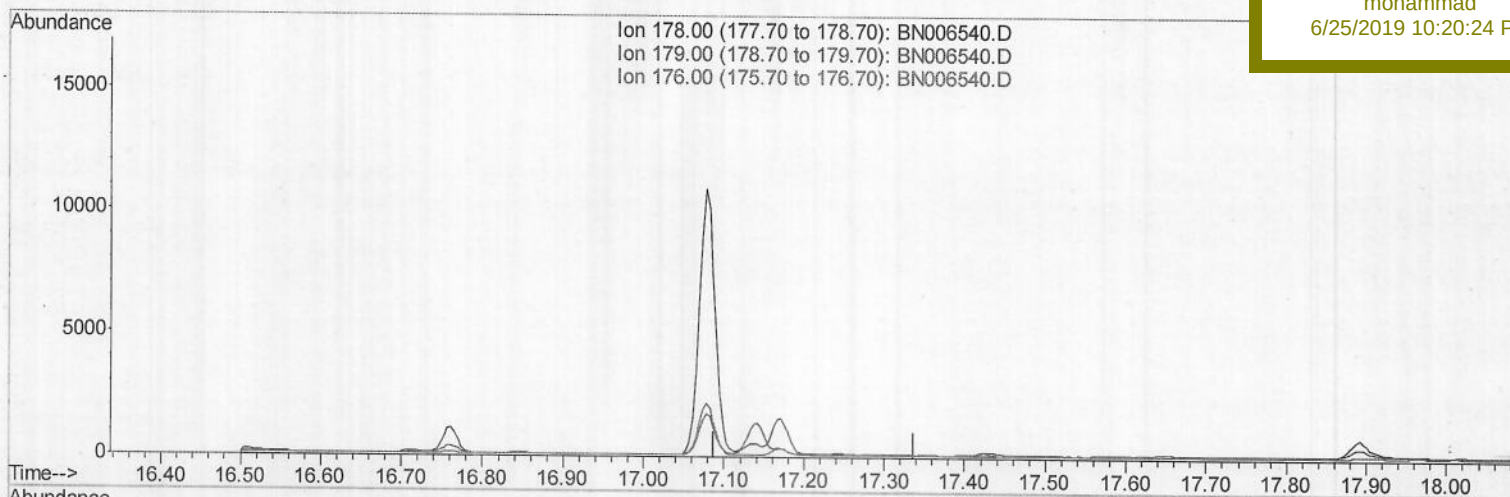
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



(13) Anthracene

17.187min (-17.187) 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\BN062419\

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

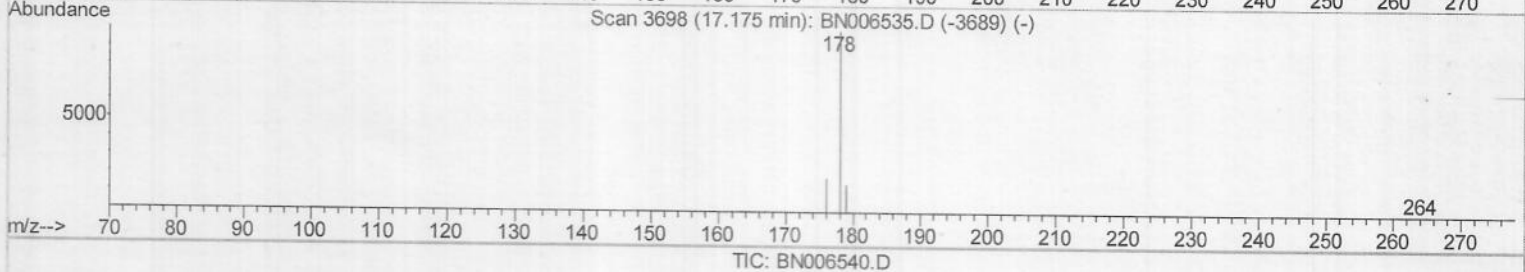
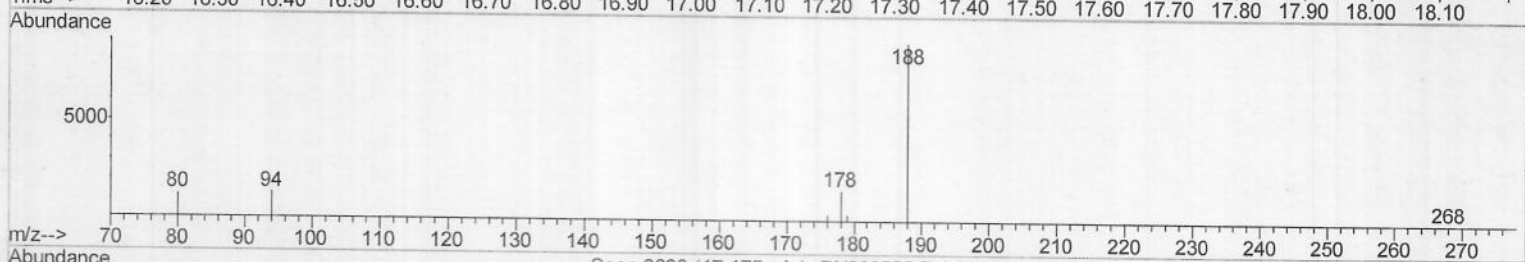
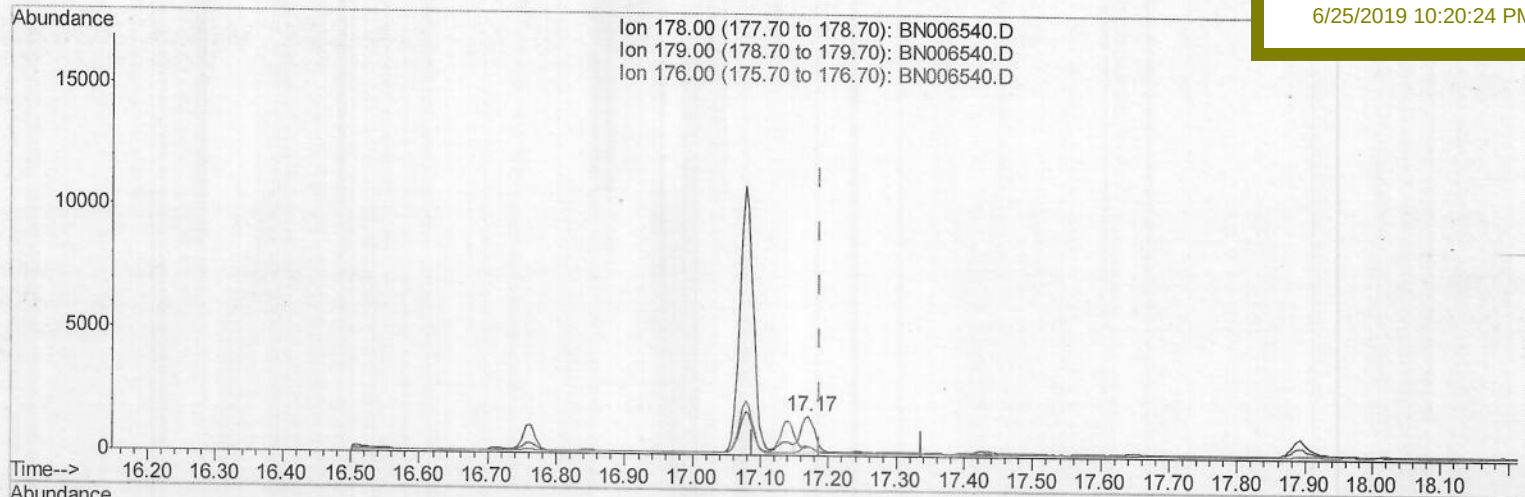
ClientSampleId :

A41X6

Manual Integrations
APPROVED

mohammad

6/25/2019 10:20:24 PM



(13) Anthracene

17.171min (-0.017) 0.04ng/ul m

JU 06/26/19

response 2215

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.69#
176.00	18.90	23.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

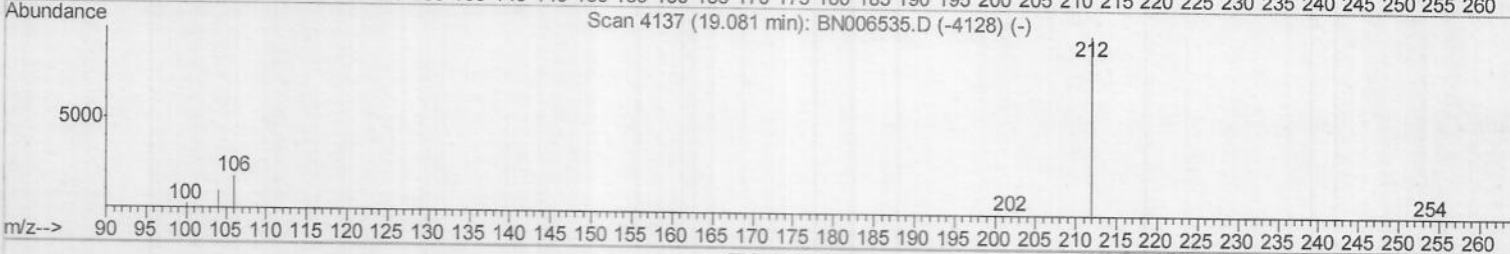
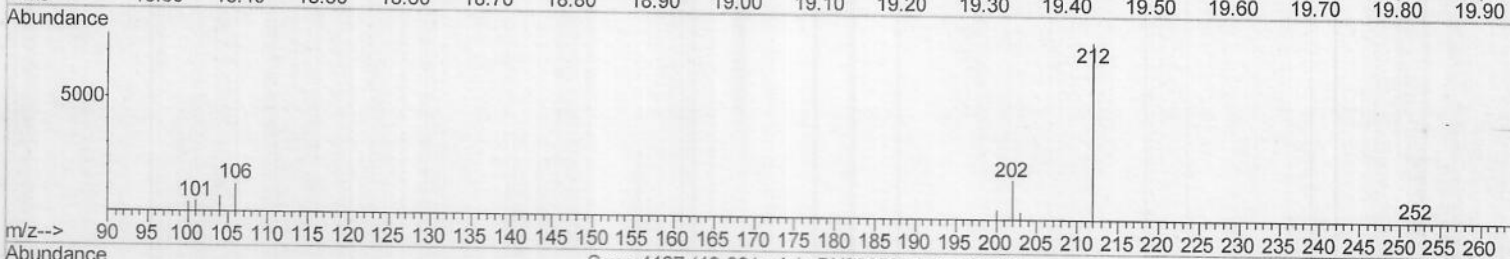
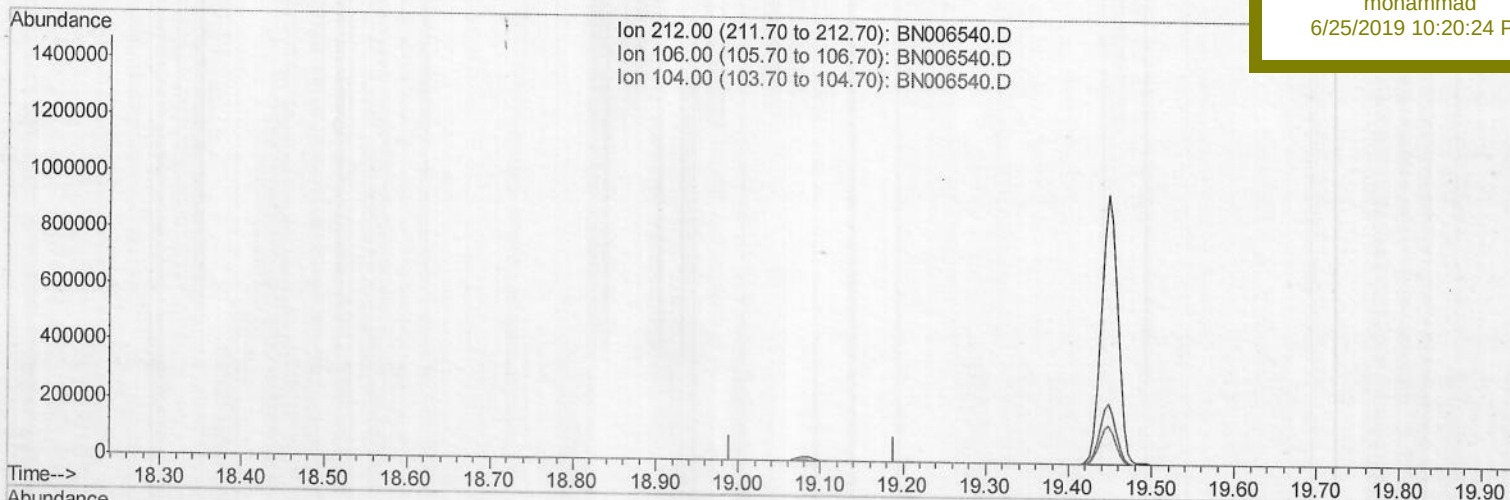
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006540.D
 Acq On : 24 Jun 2019 20:30
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 A41X6

Manual Integrations
APPROVED

mohammad
 6/25/2019 10:20:24 PM



(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

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

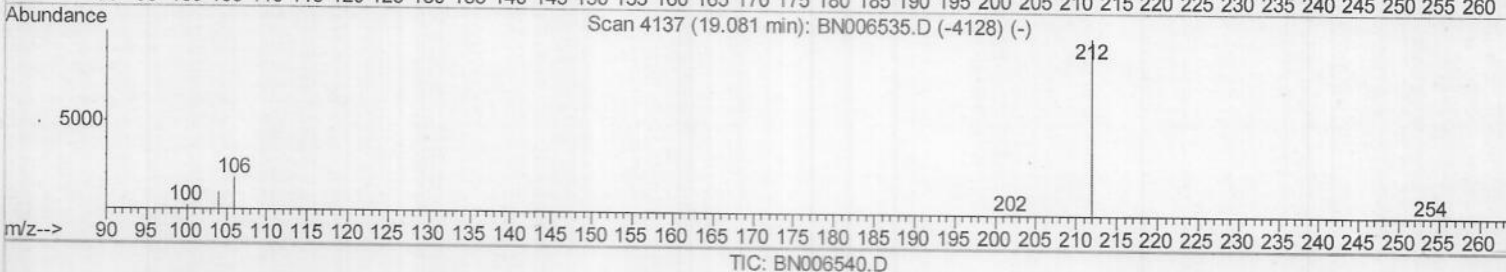
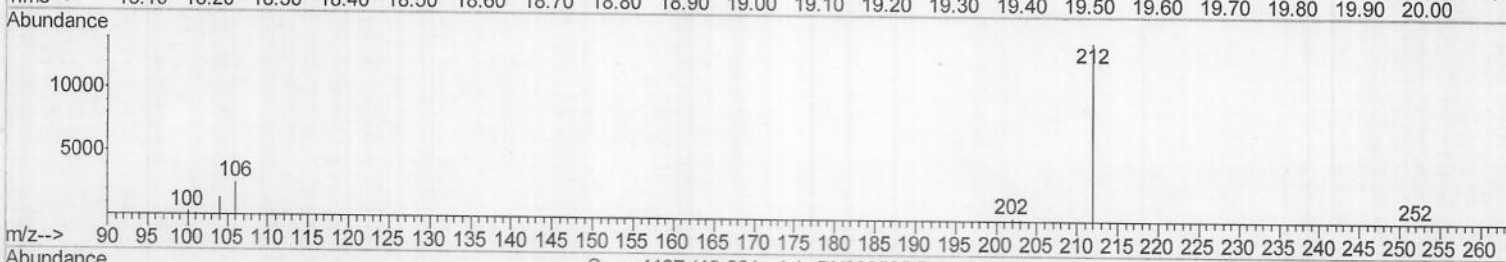
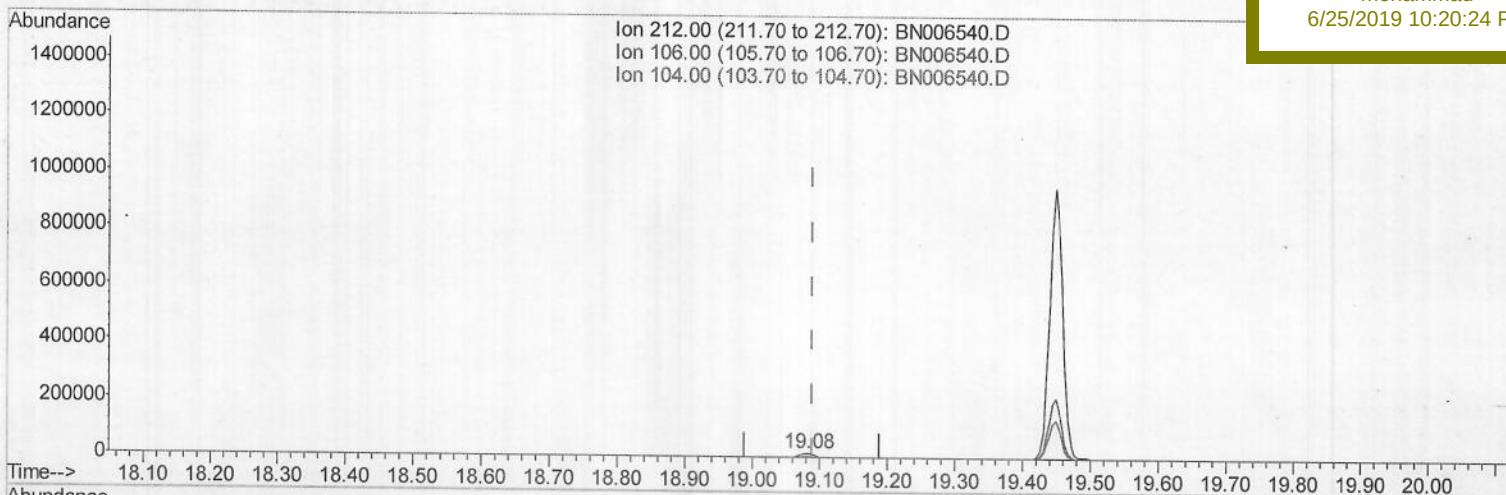
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(14) Fluoranthene-d10 (SURR)

19.081min (-0.009) 0.41ng/ul m

response 19492

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 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

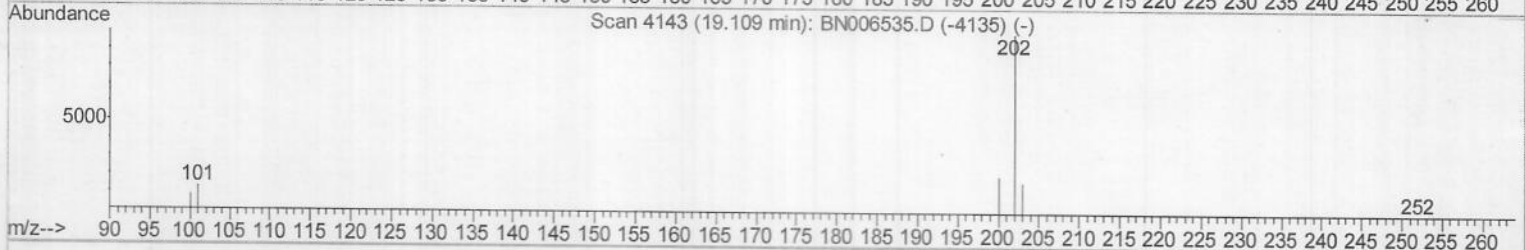
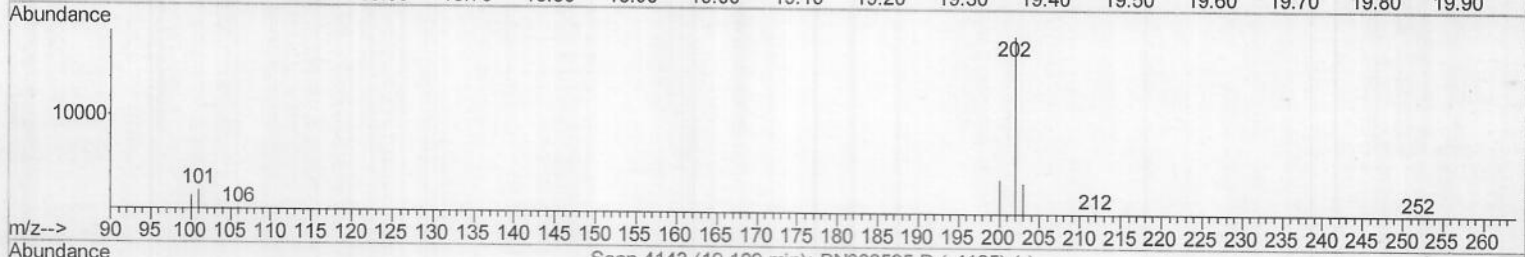
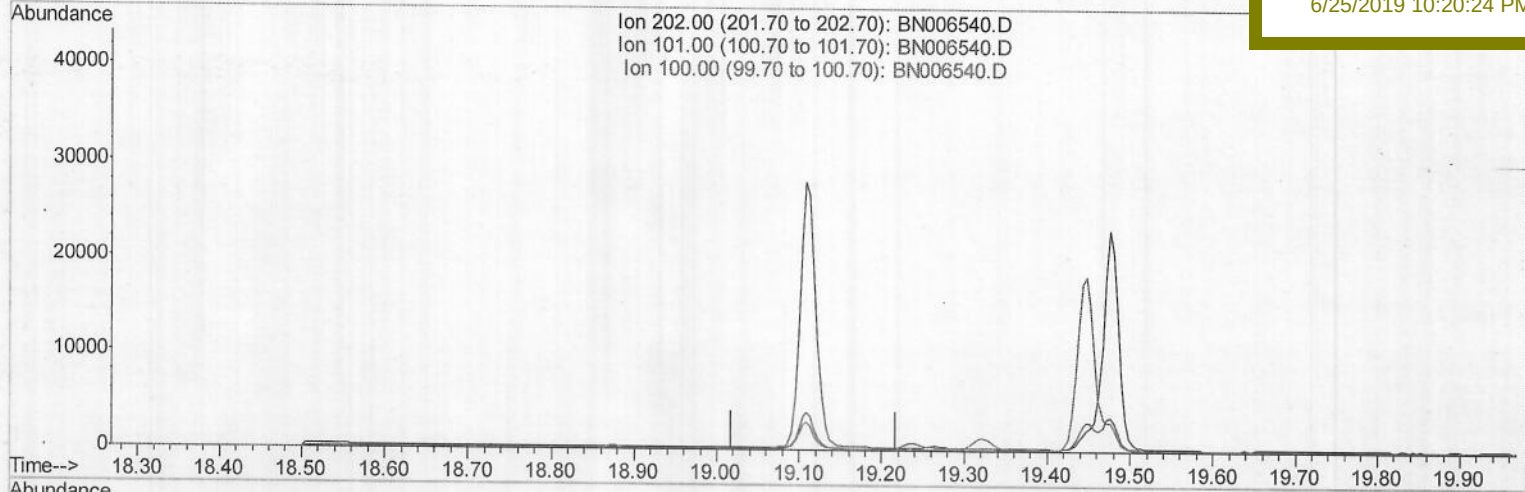
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



(15) Fluoranthene (C)

19.118min (-19.118) 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)

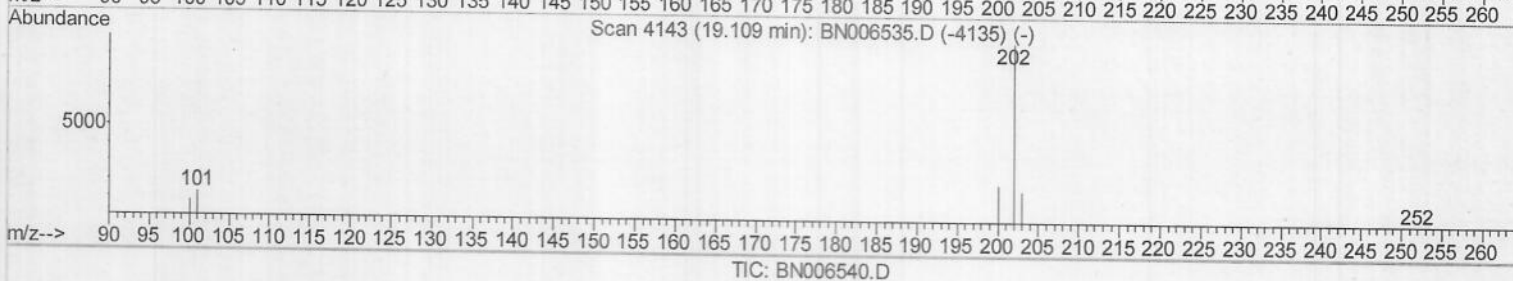
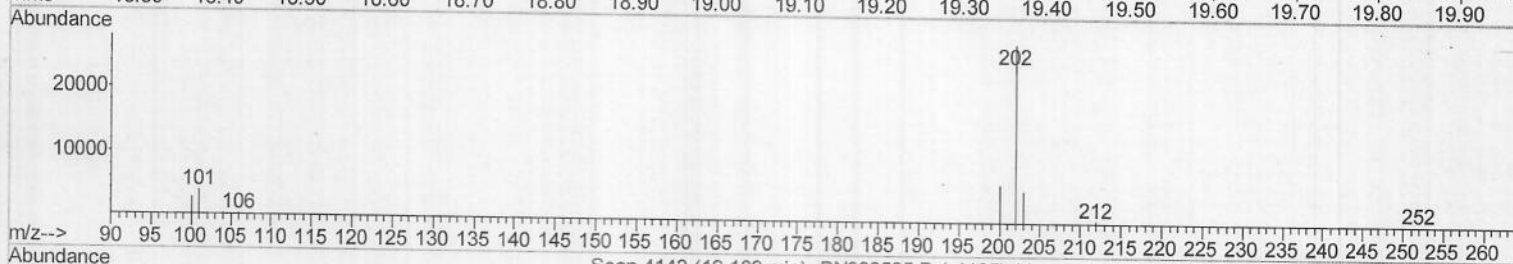
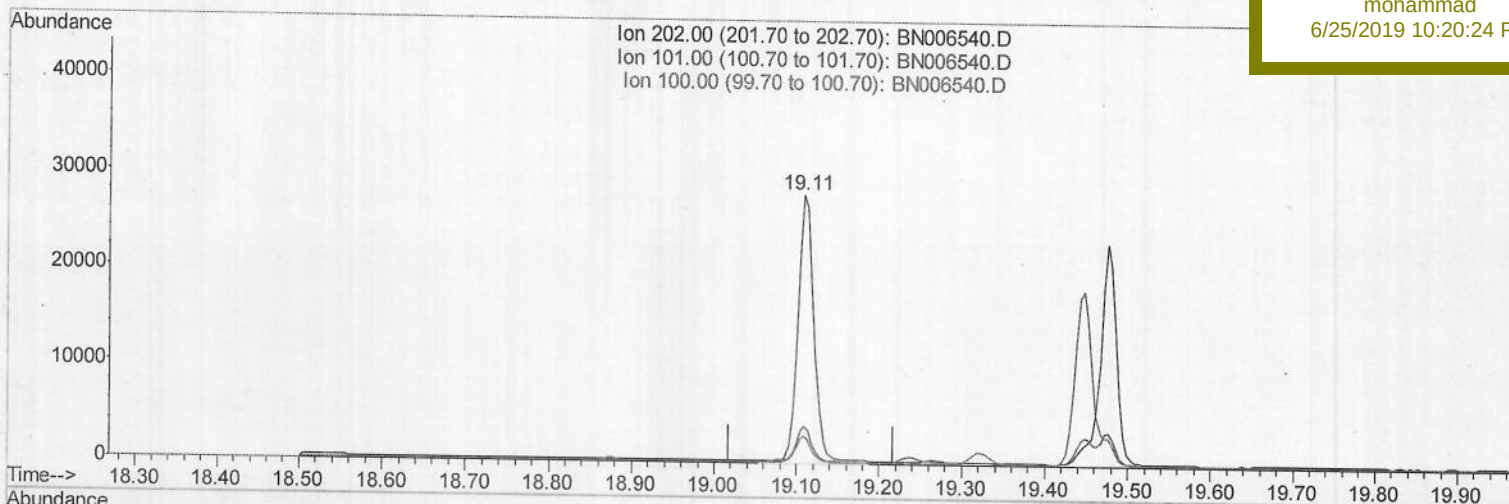
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006540.D
Acq On : 24 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampled :
A41X6

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM



(15) Fluoranthene (C)

19.109min (-0.009) 0.62ng/ul m

7 JU 06/26/19

response 39170

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.64
100.00	8.70	10.07
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

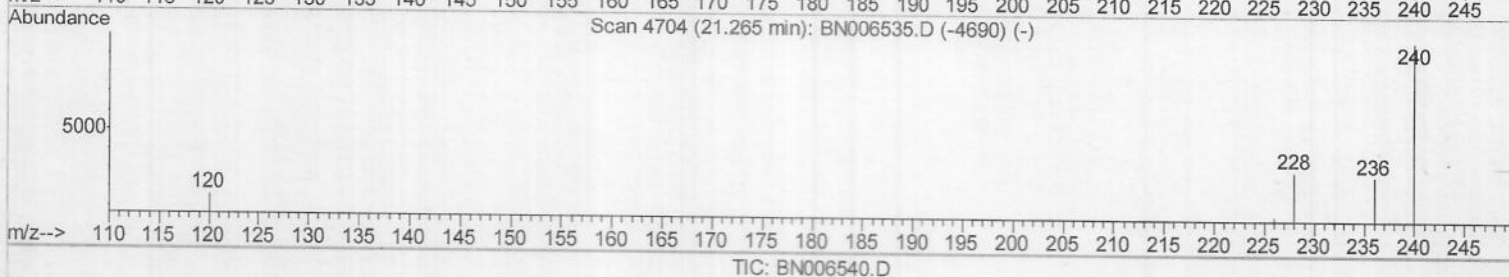
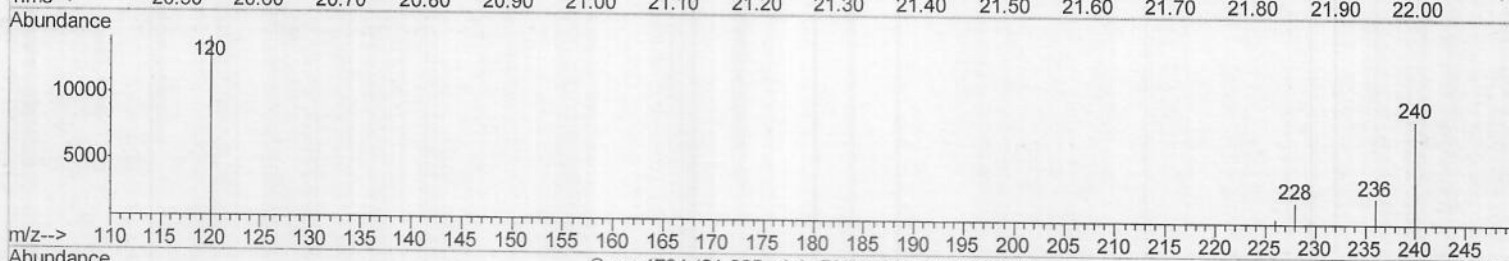
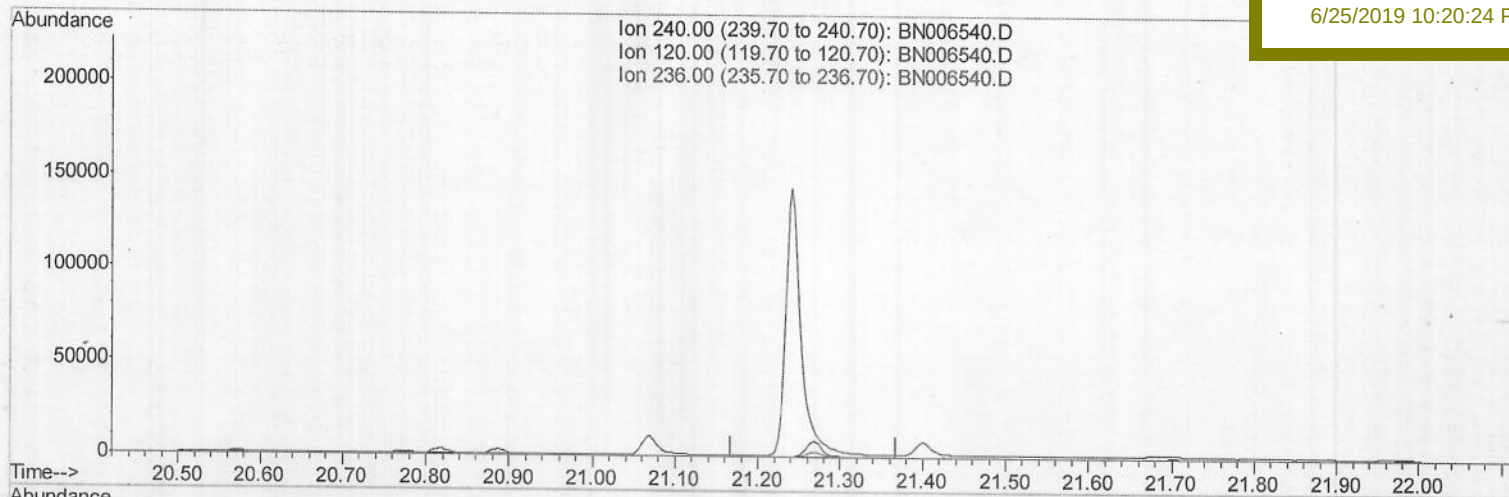
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(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\BN062419\

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:16:49 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 : Mon Jun 17 11:13:07 2019

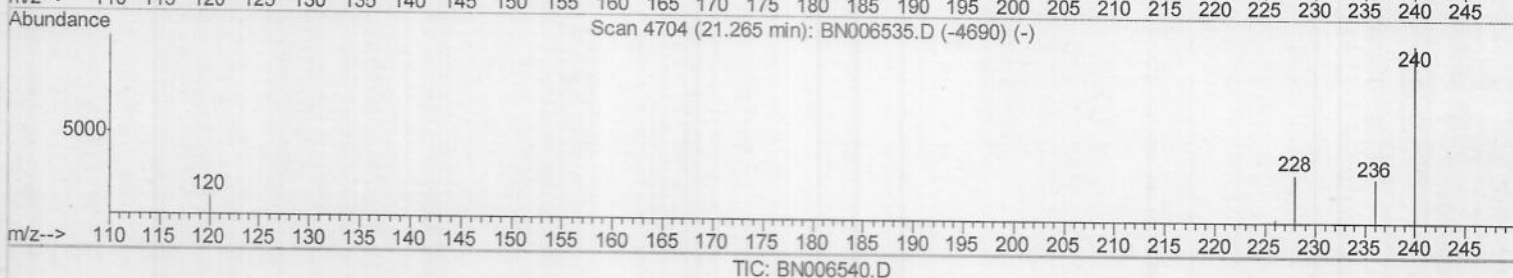
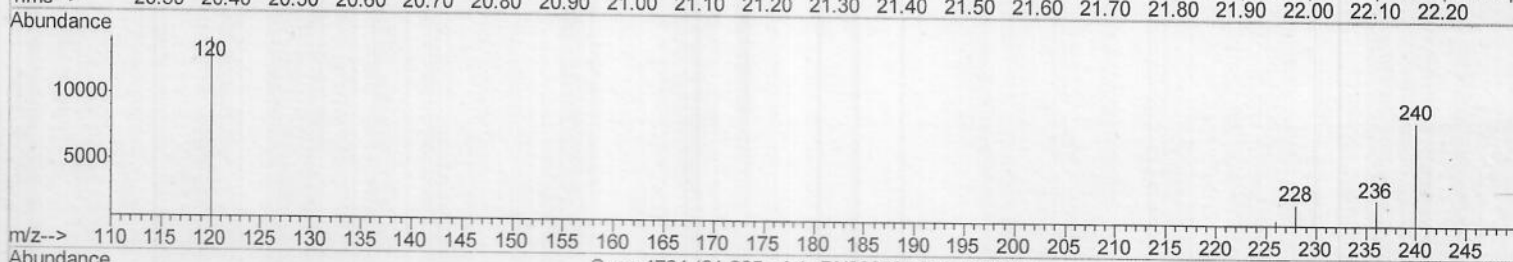
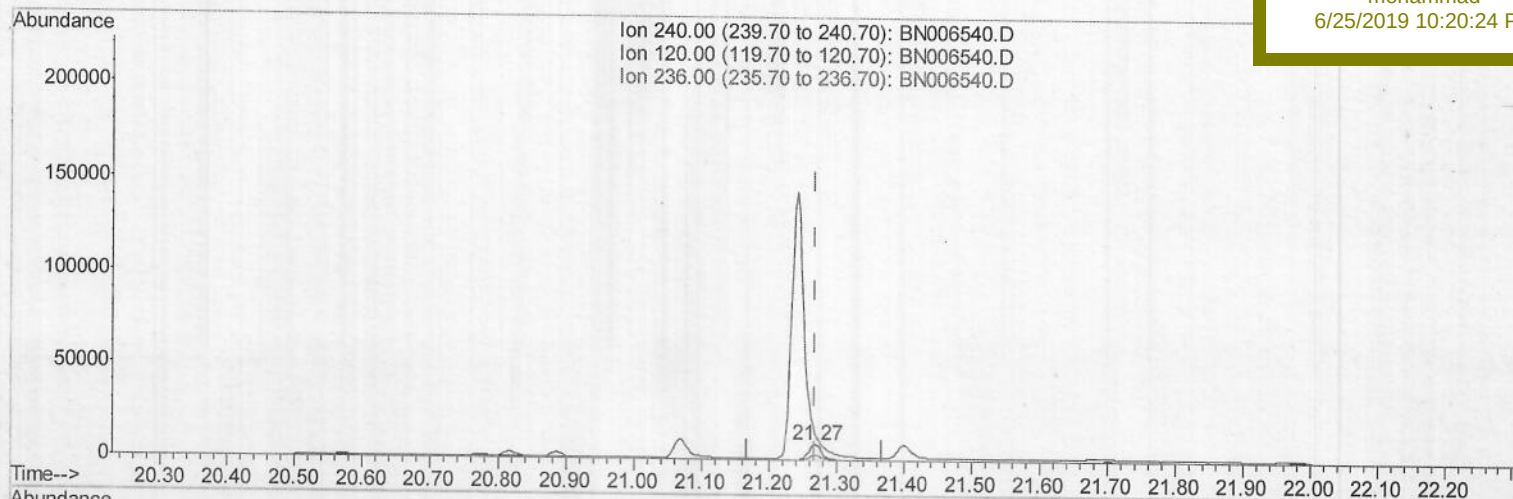
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(16) Chrysene-d12 (I)

21.268min (+0.000) 0.40ng/ul m

7 JU 06/26/19

response 11518

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	167.71#
236.00	30.10	30.03
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:04 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 : Mon Jun 17 11:13:07 2019

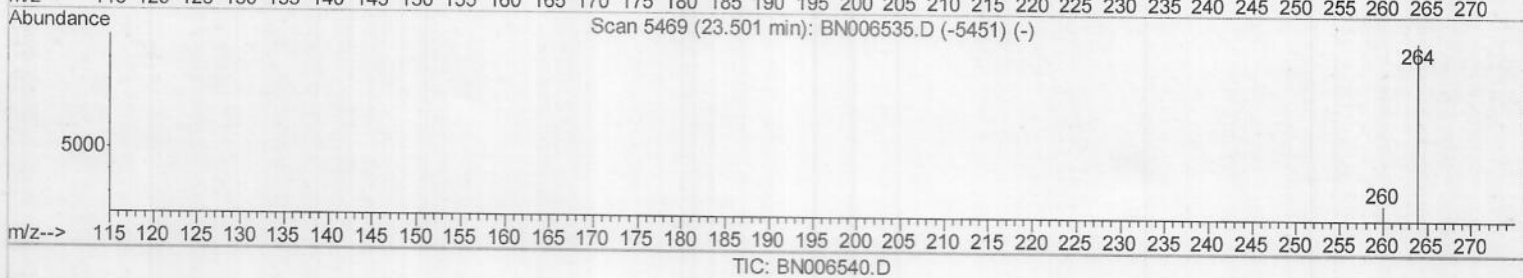
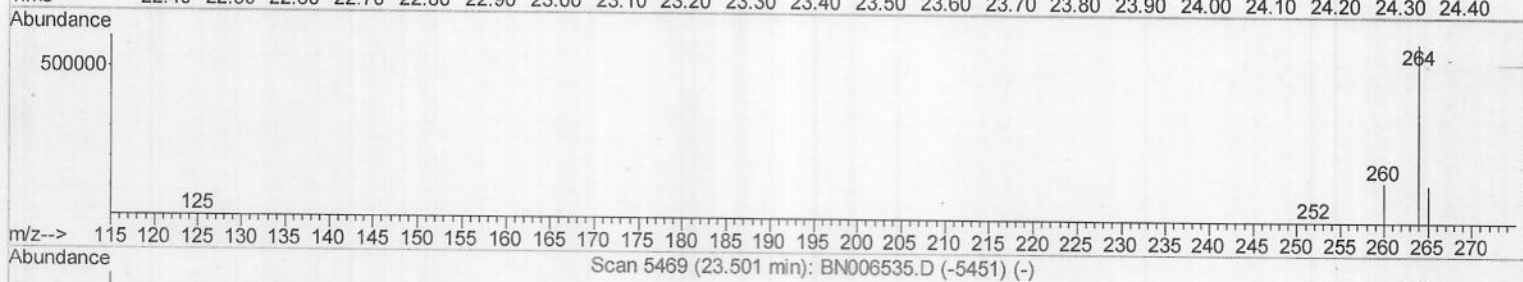
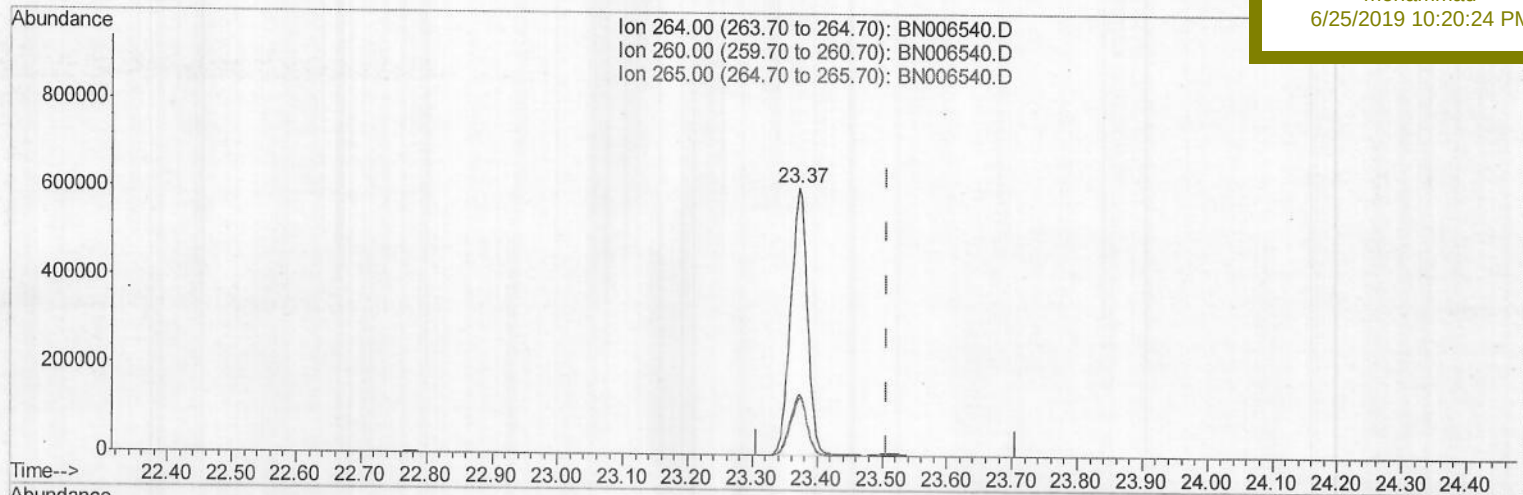
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(20) Perylene-d12 (I)

23.373min (-0.134) 0.40ng/ul

response 1092359

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.65#
265.00	44.70	21.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:04 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

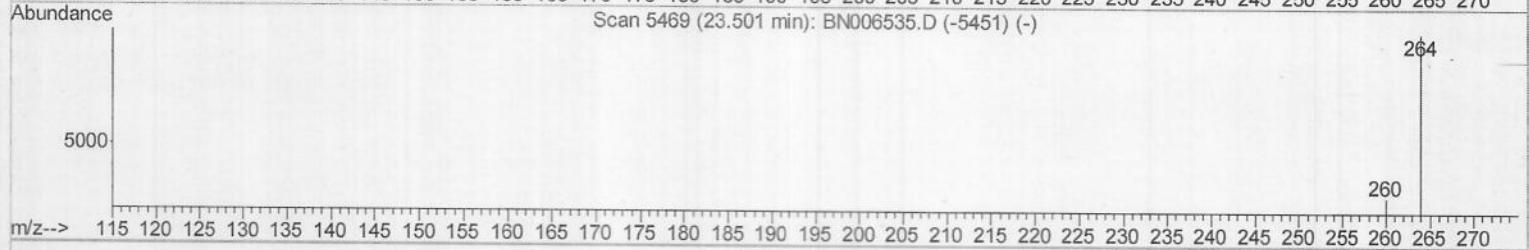
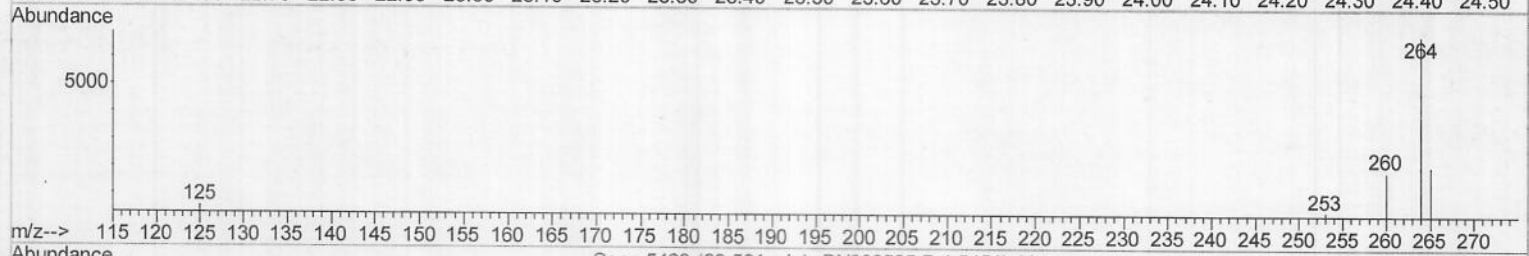
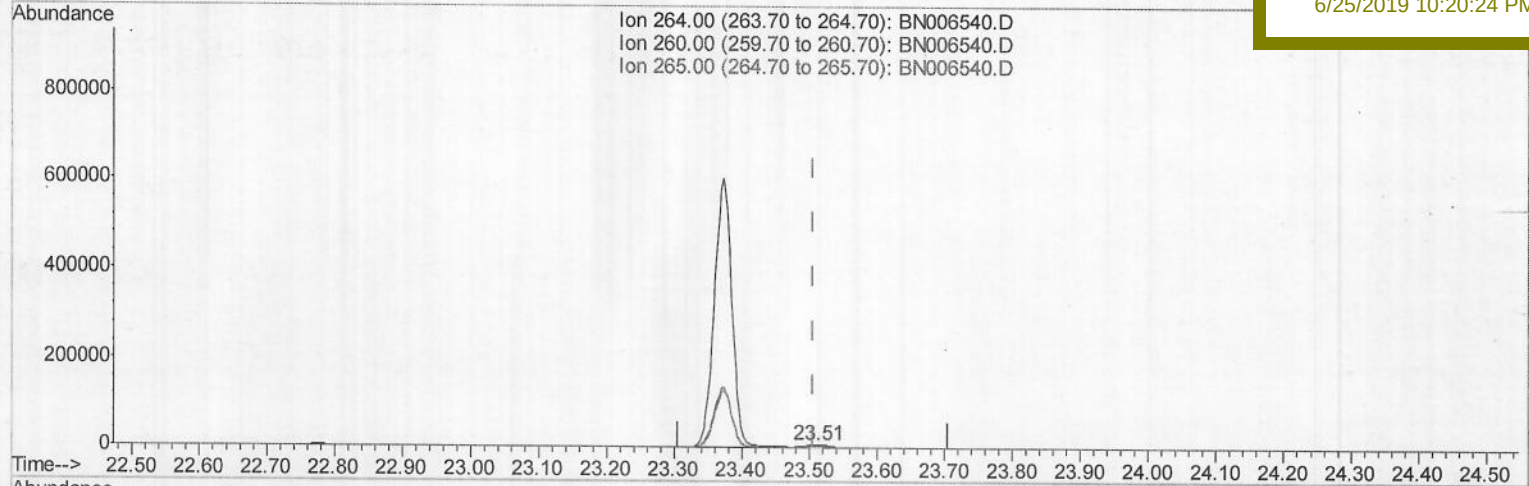
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



TIC: BN006540.D

(20) Perylene-d12 (I)

23.510min (+0.003) 0.40ng/ul m

response 10420

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.93
265.00	44.70	31.16#
0.00	0.00	0.00

> JU 06/26/19

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

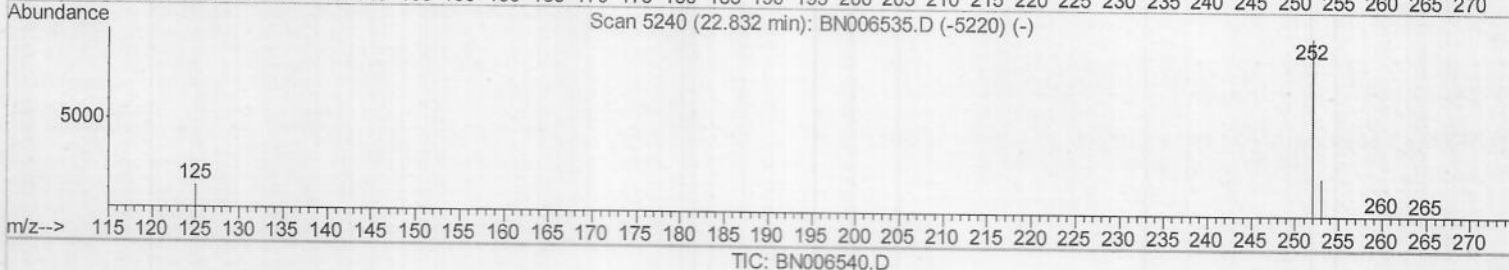
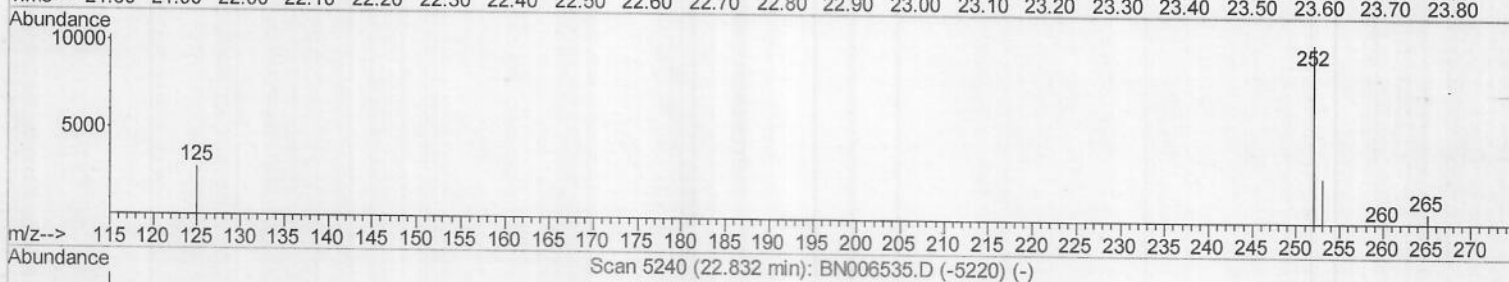
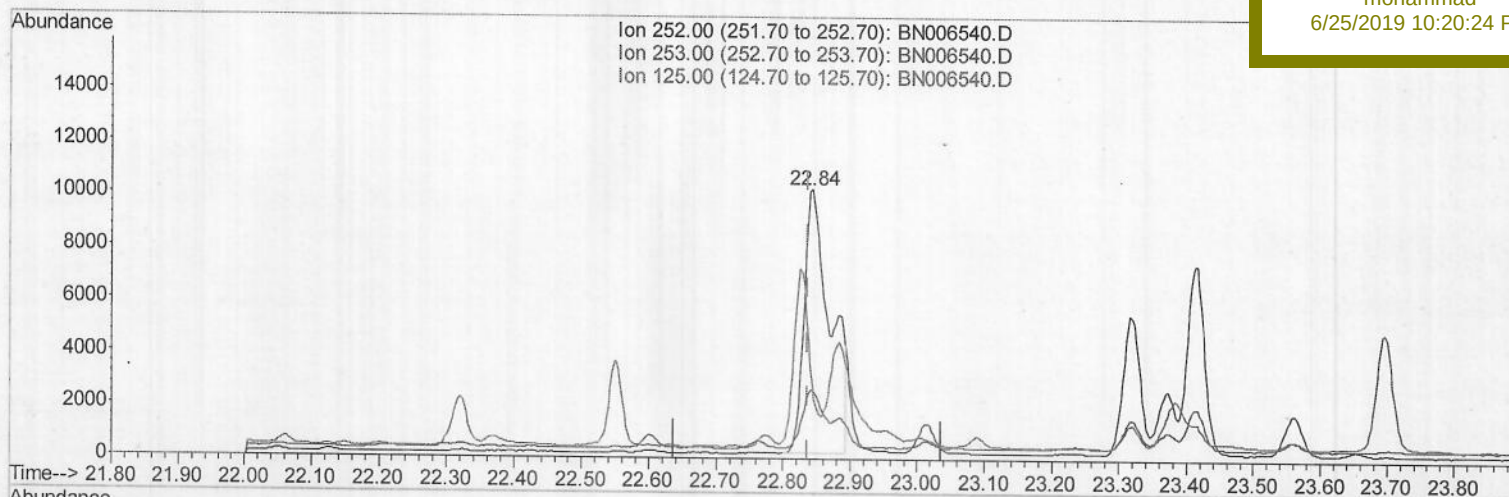
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(21) Benzo(b)fluoranthene

22.843min (+0.006) 0.62ng/ul

response 27109

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.98
125.00	20.50	27.51
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

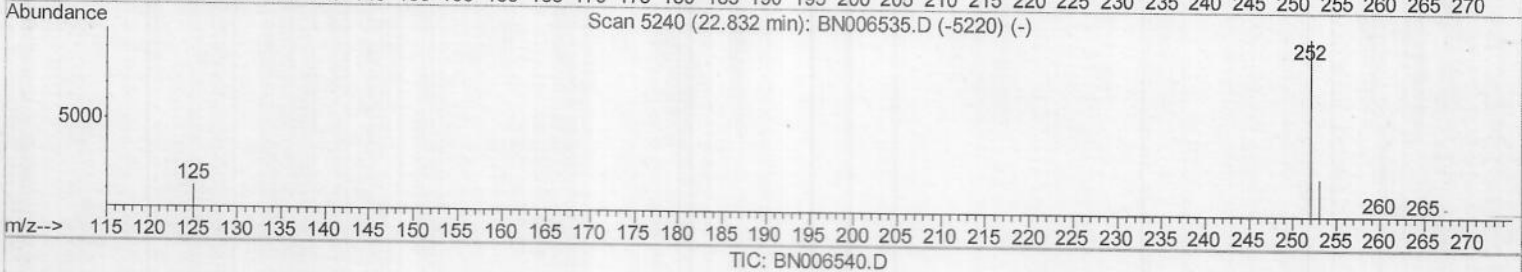
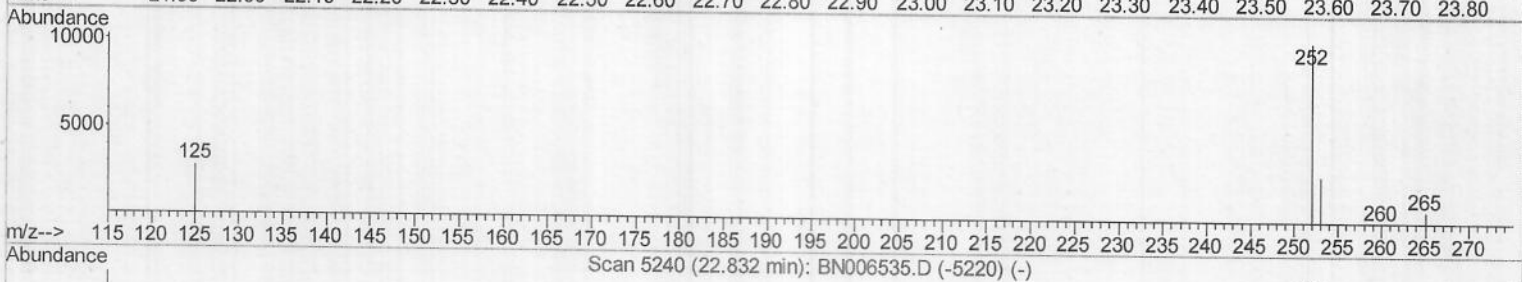
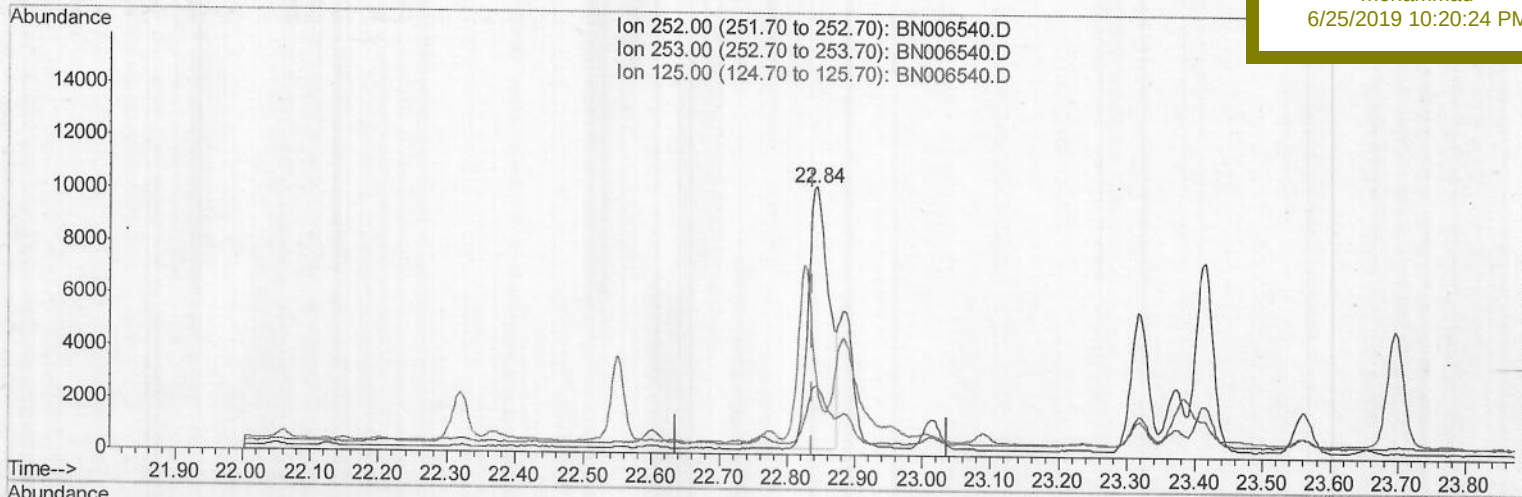
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



(21) Benzo(b)fluoranthene

22.843min (+0.006) 0.48ng/ul m > JU 06/26/19

response 20990

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.98
125.00	20.50	27.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

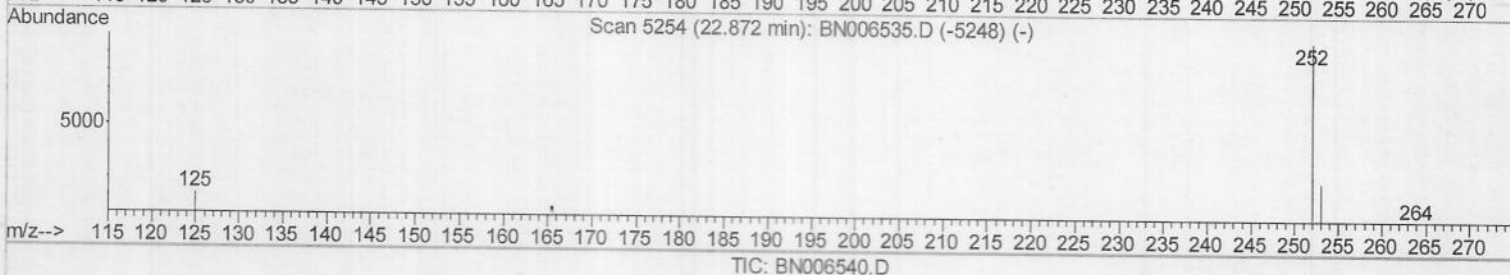
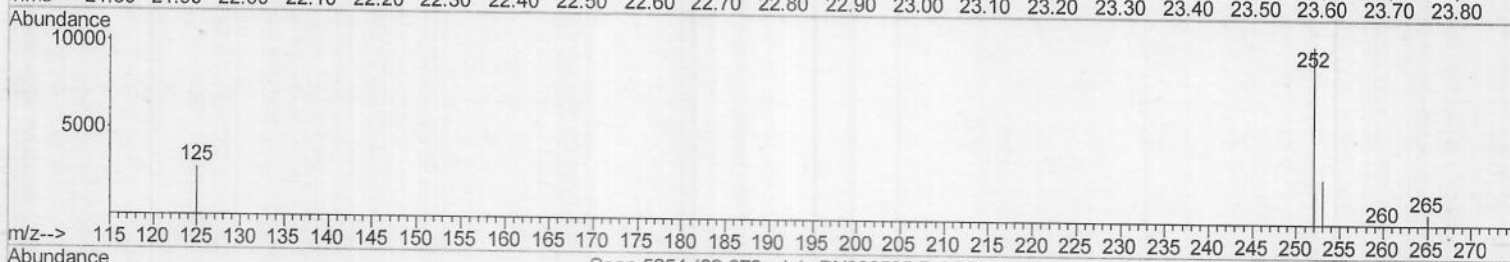
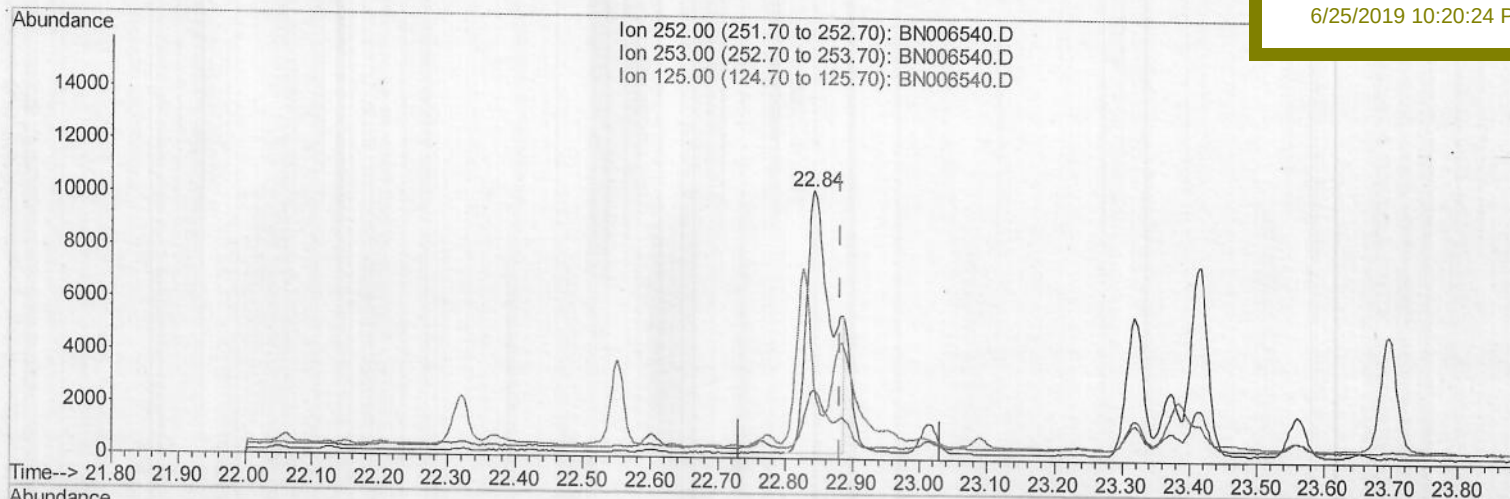
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



(22) Benzo(k)fluoranthene

22.843min (-0.038) 0.60ng/ui

response 25534

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.98
125.00	17.90	27.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

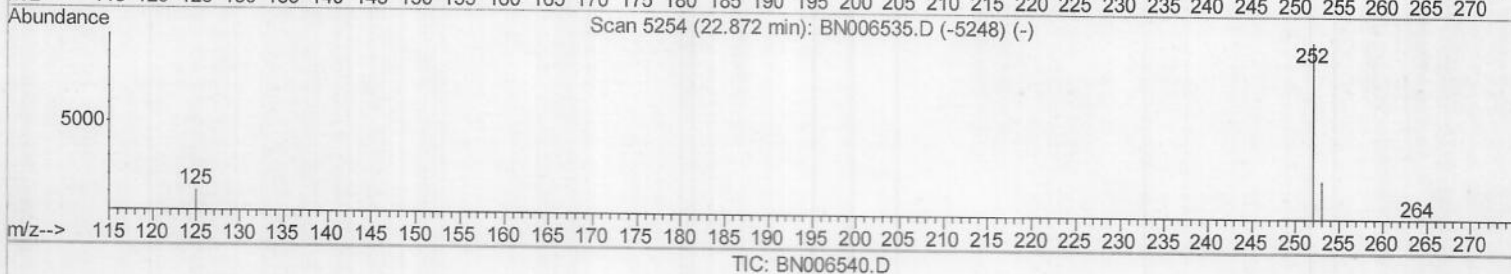
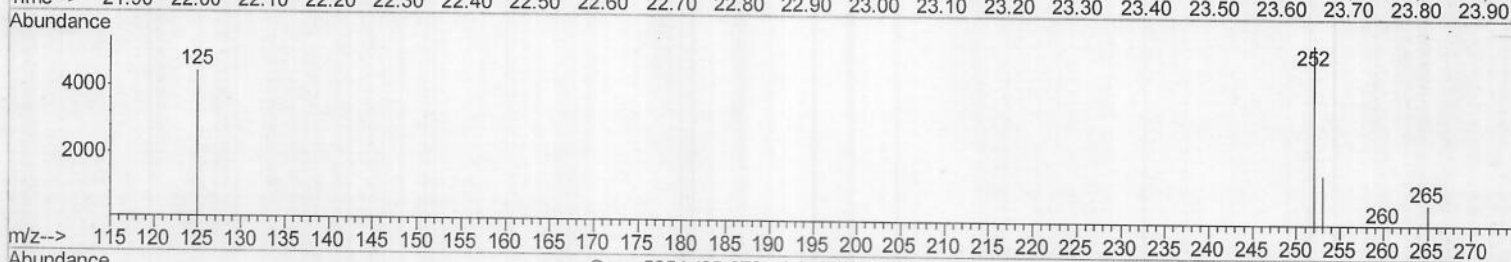
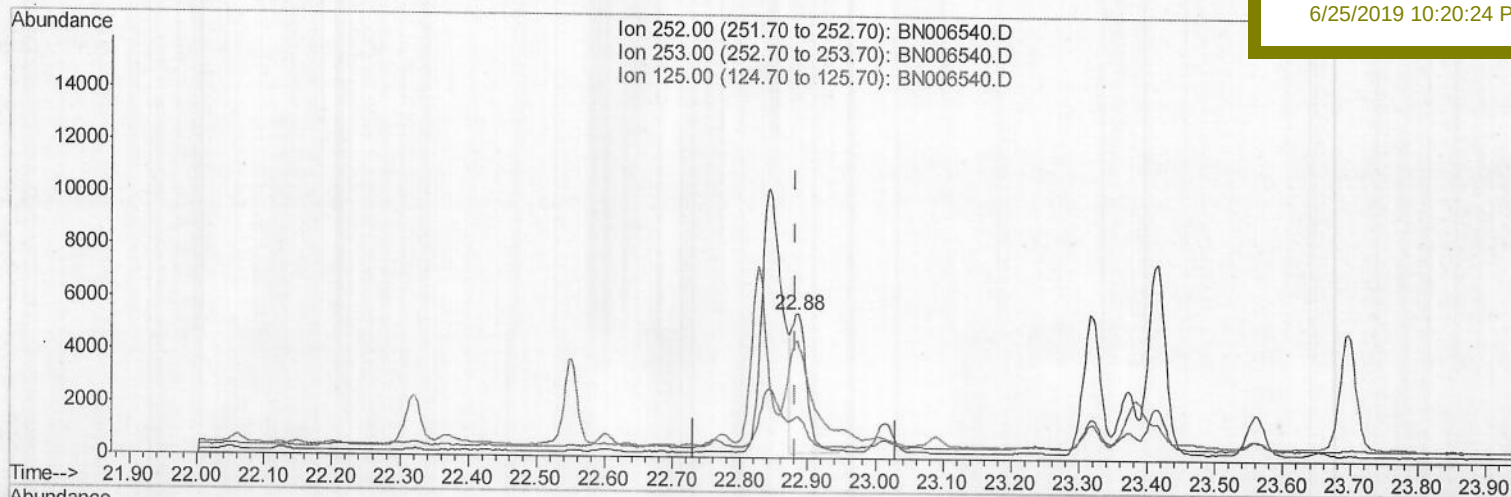
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



TIC: BN006540.D

(22) Benzo(k)fluoranthene

22.884min (+0.003) 0.20ng/ul m

response 8257

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.59
125.00	17.90	81.50#
0.00	0.00	0.00

2 JU 06/26/19

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

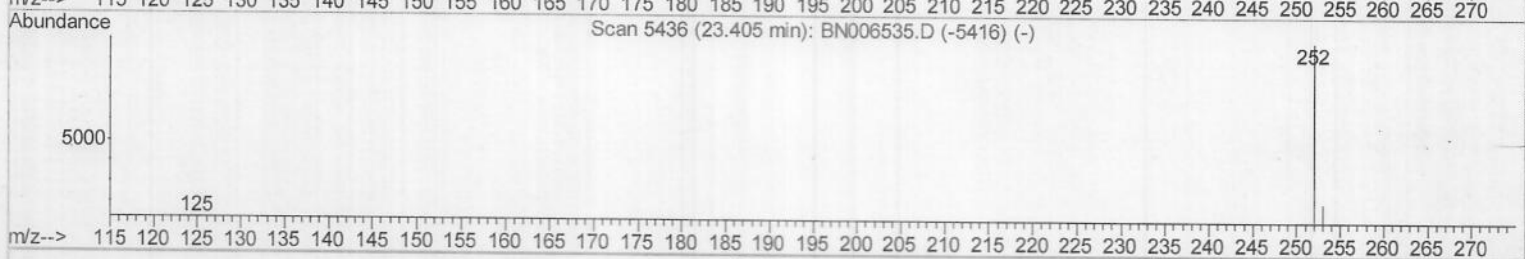
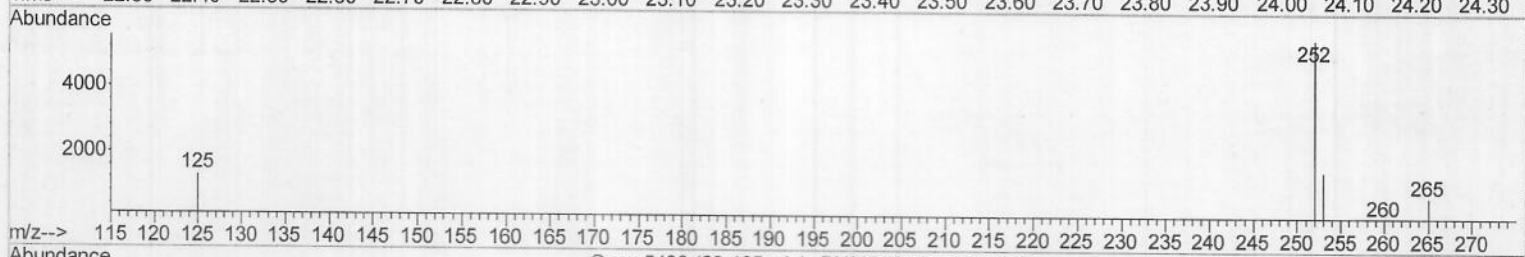
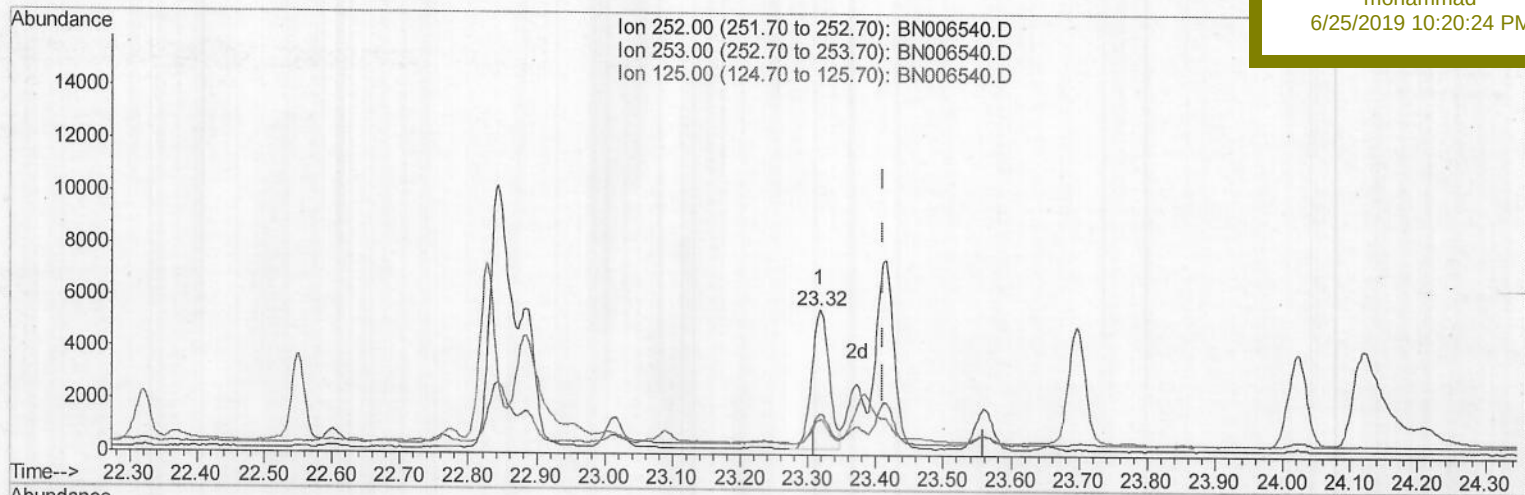
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



TIC: BN006540.D

(23) Benzo(a)pyrene (C)

23.317min (-0.093) 0.23ng/ul

response 9438

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	27.61
125.00	25.40	23.53
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

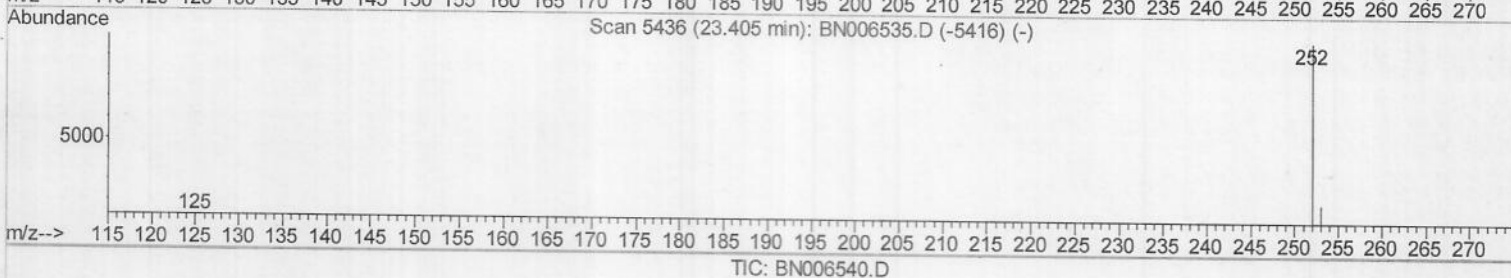
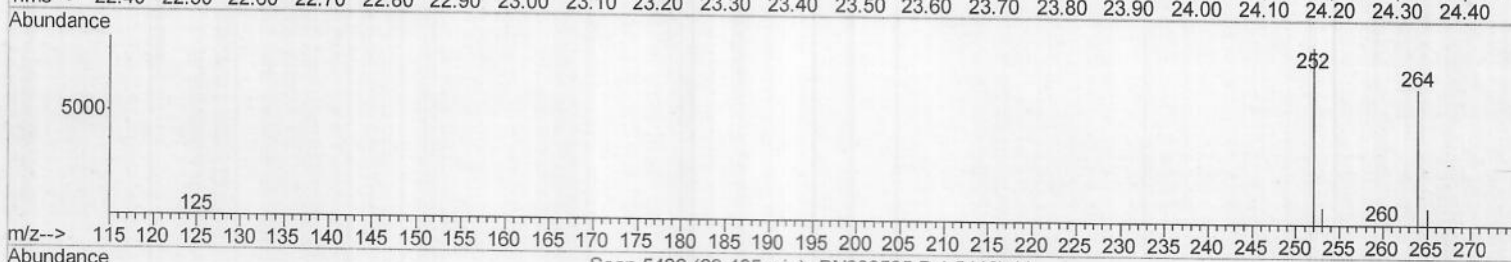
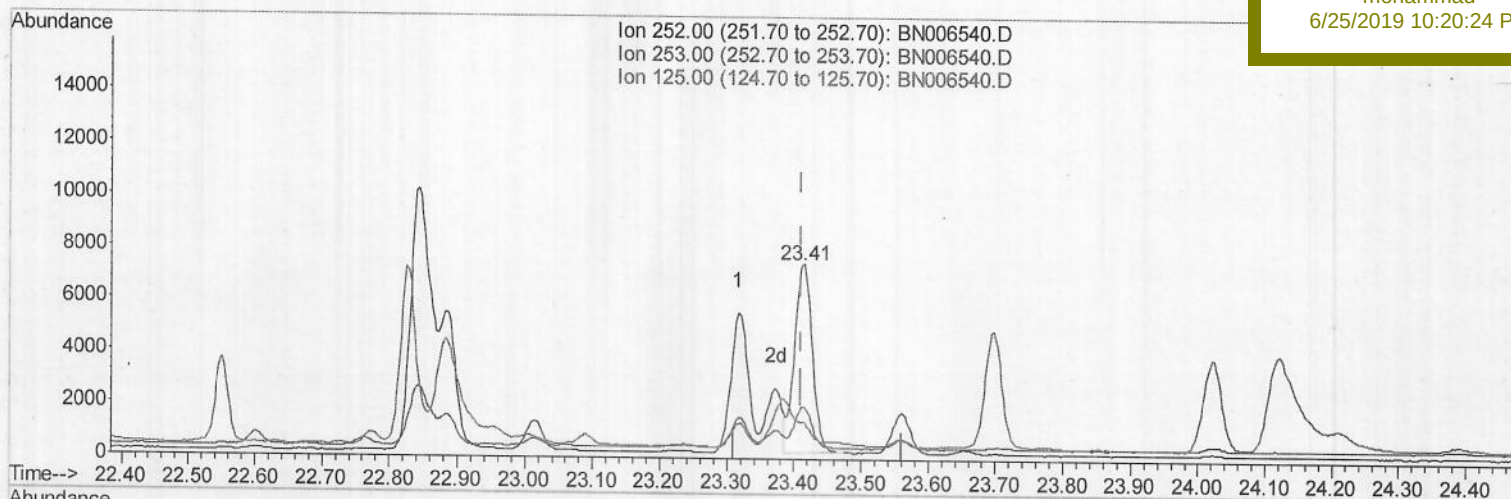
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

(23) Benzo(a)pyrene (C)

23.413min (+0.003) 0.33ng/ul m

response 13345

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.55
125.00	25.40	18.83#
0.00	0.00	0.00

JU 06/26/19

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

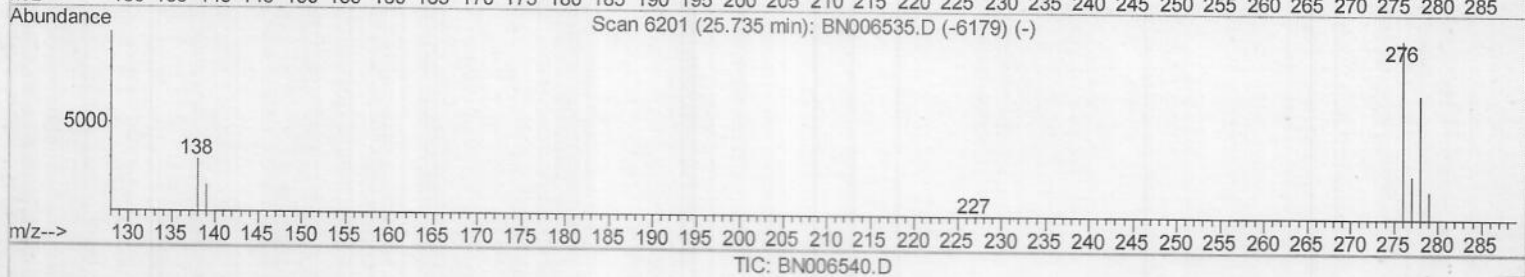
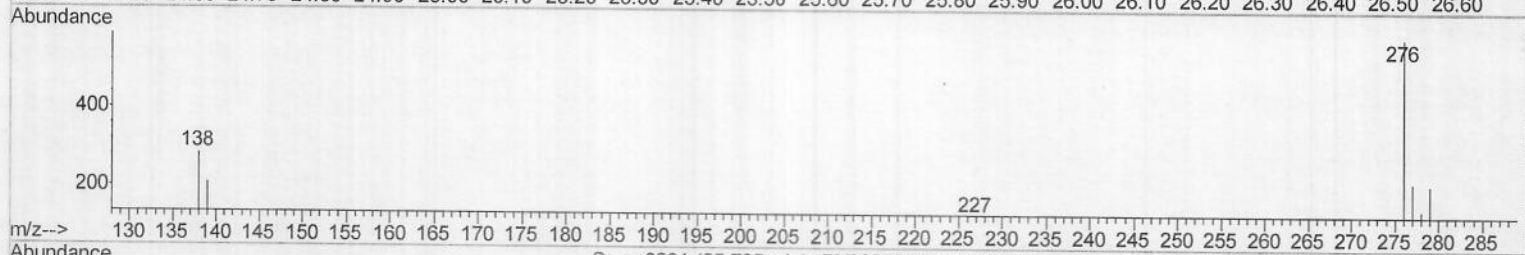
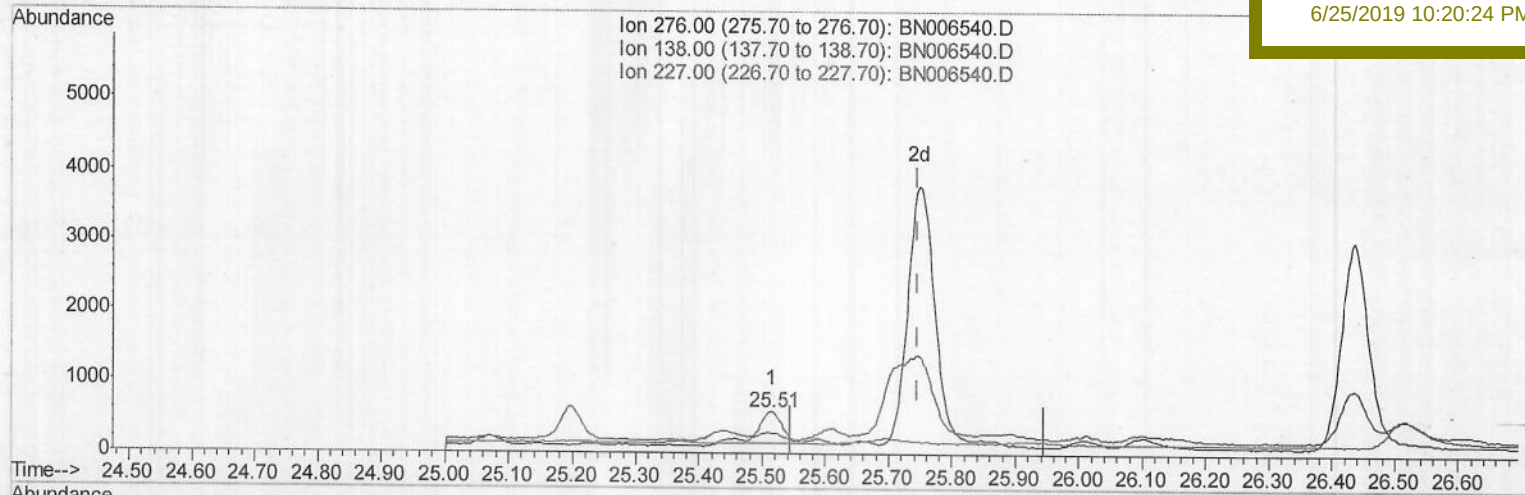
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

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

25.514min (-0.231) 0.02ng/ul

response 967

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	27.92
227.00	0.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

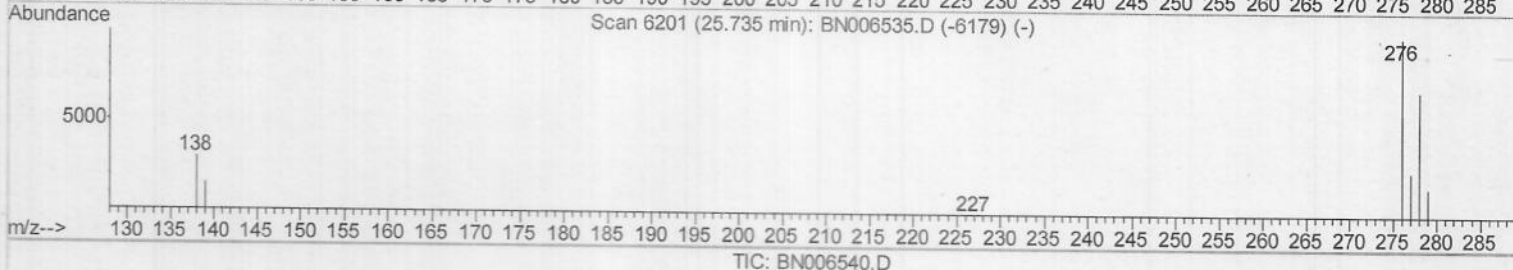
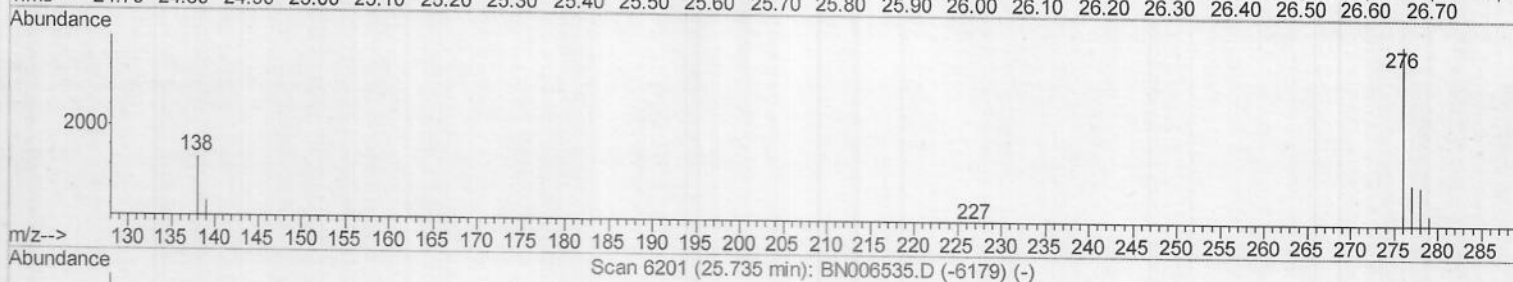
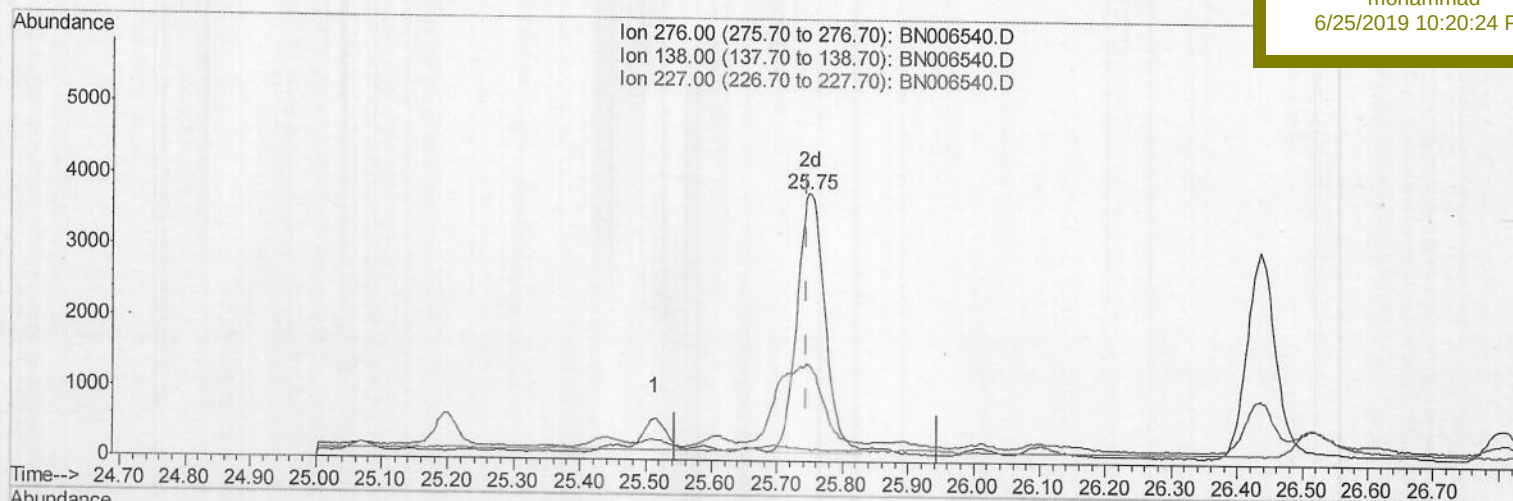
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



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

25.749min (+0.003) 0.25ng/ul m

response 10809

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.50#
227.00	0.40	0.00#
0.00	0.00	0.00

7 JU 06/26/19

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

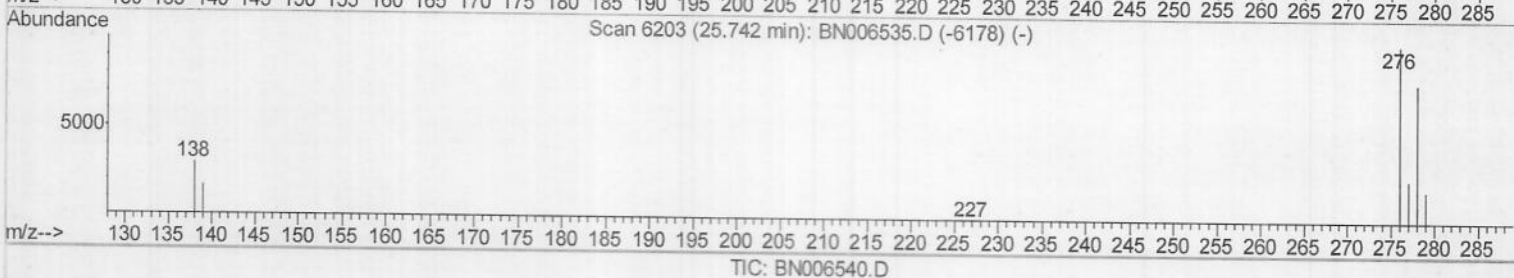
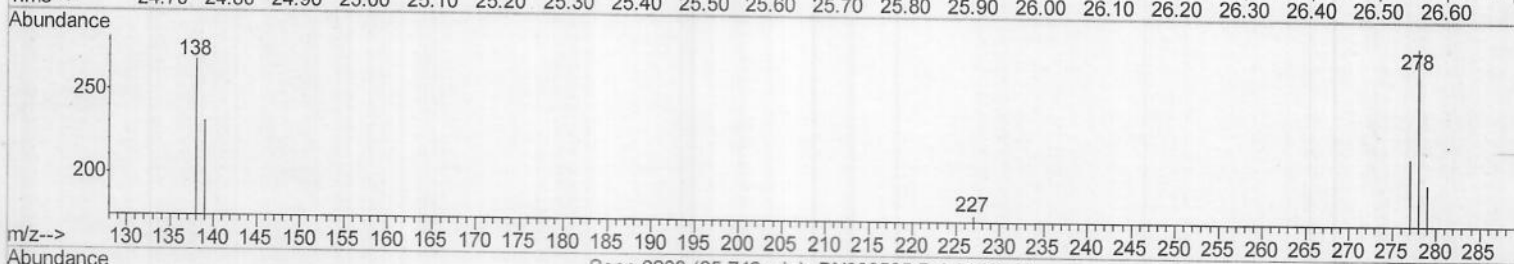
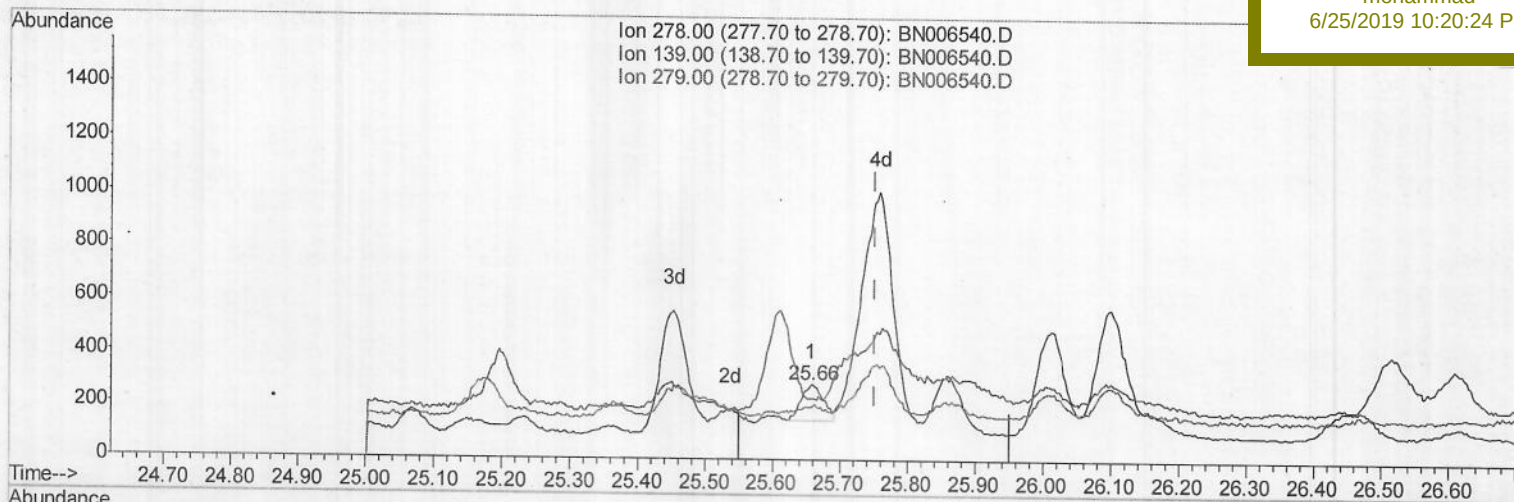
A41X6

Manual Integrations

APPROVED

mohammad

6/25/2019 10:20:24 PM



(25) Dibenzo(a,h)anthracene

25.658min (-0.094) 0.01ng/ul

response 305

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	81.91#
279.00	28.20	70.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

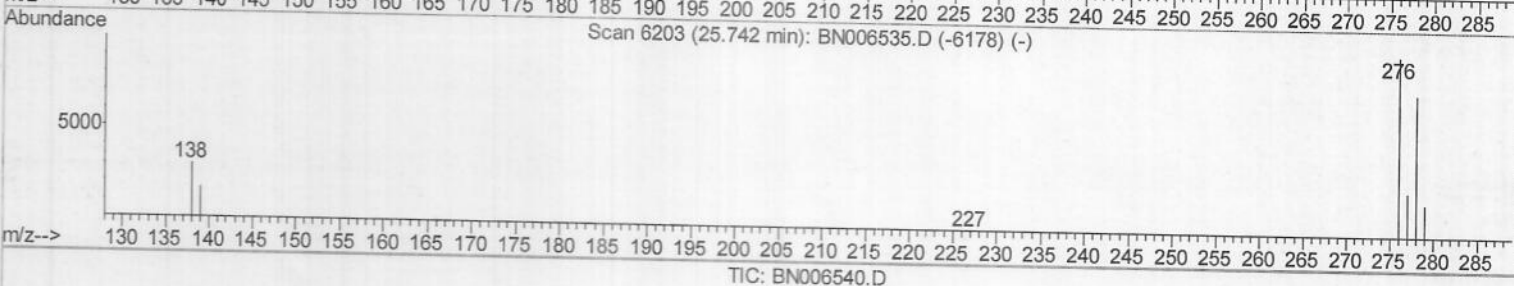
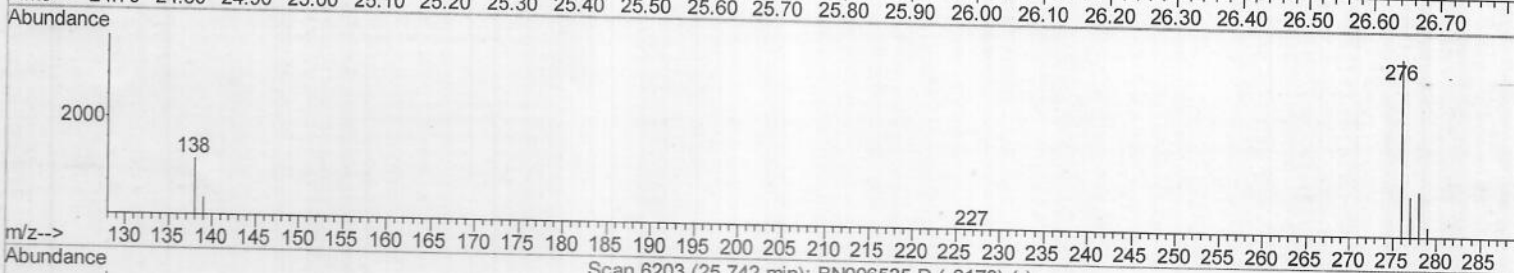
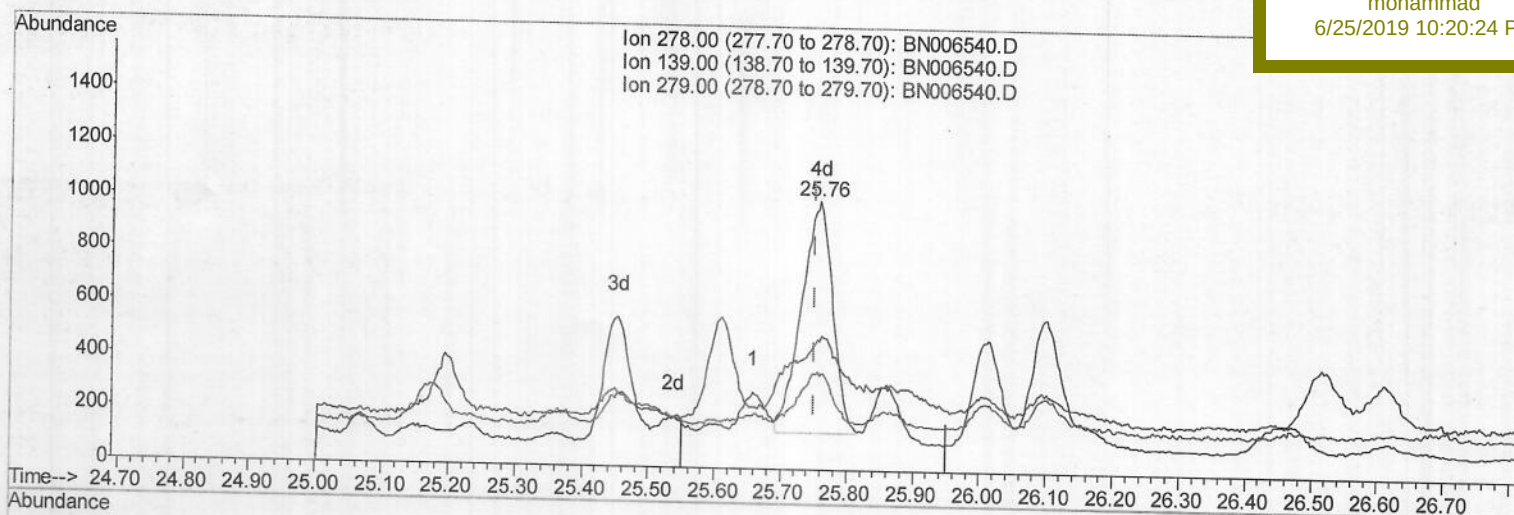
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006540.D
 Acq On : 24 Jun 2019 20:30
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:20:24 PM



(25) Dibenzo(a,h)anthracene
 25.759min (+0.007) 0.08ng/ul m
 response 2825

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	47.42#
279.00	28.20	34.72#
0.00	0.00	0.00

JU
 06/26/19

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

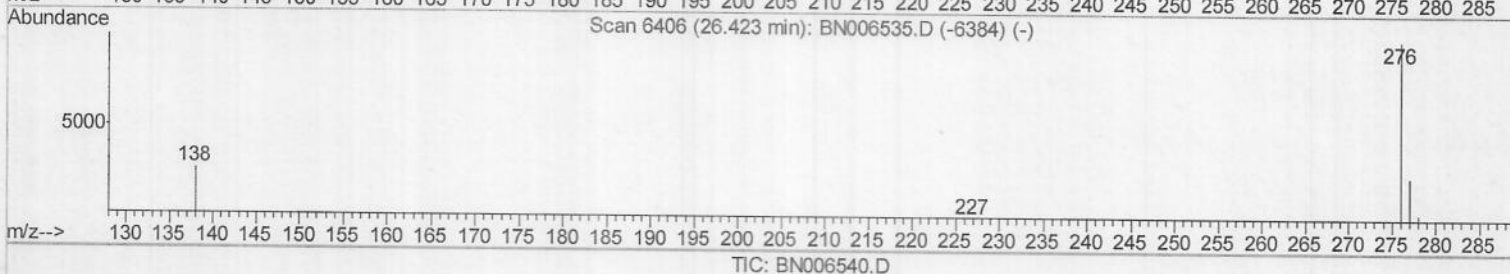
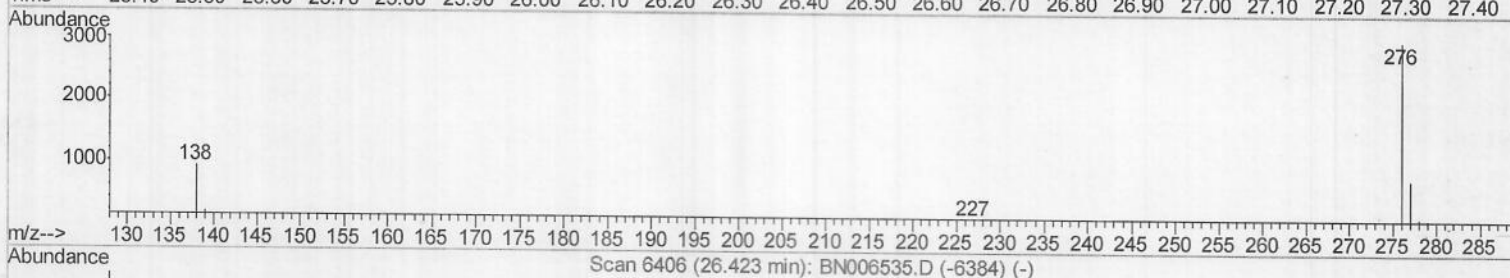
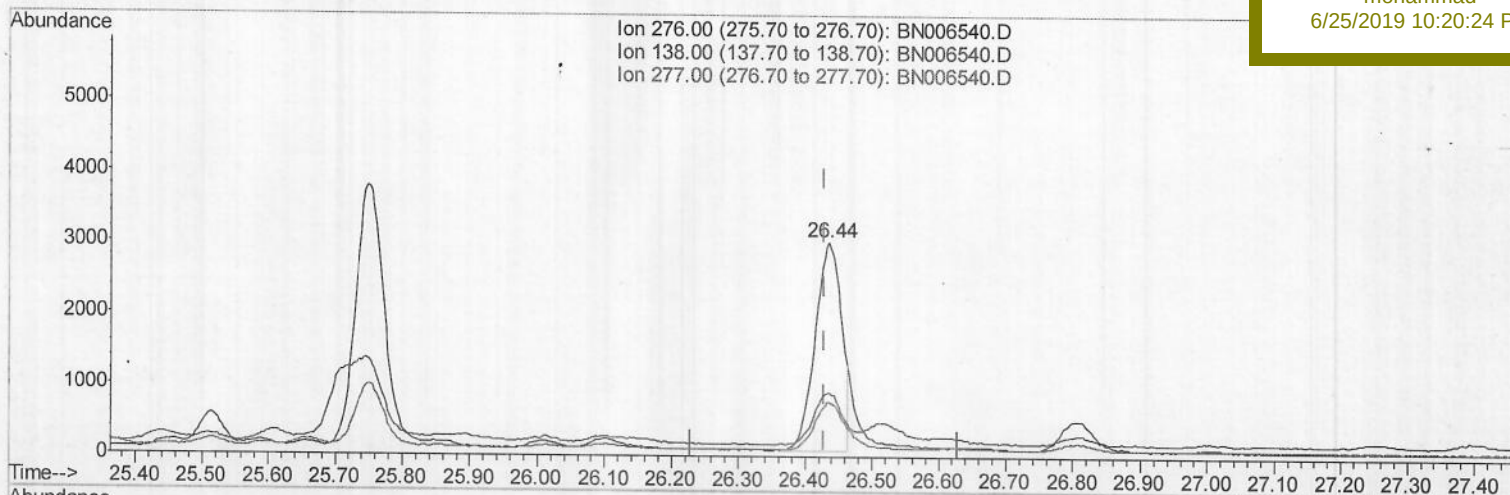
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

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

26.436min (+0.007) 0.22ng/ul

response 7949

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	30.36
277.00	26.90	25.77
0.00	0.00	0.00

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

Data File : BN006540.D

Acq On : 24 Jun 2019 20:30

Operator : HP/JU

Sample : K3362-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:19:47 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 : Mon Jun 17 11:13:07 2019

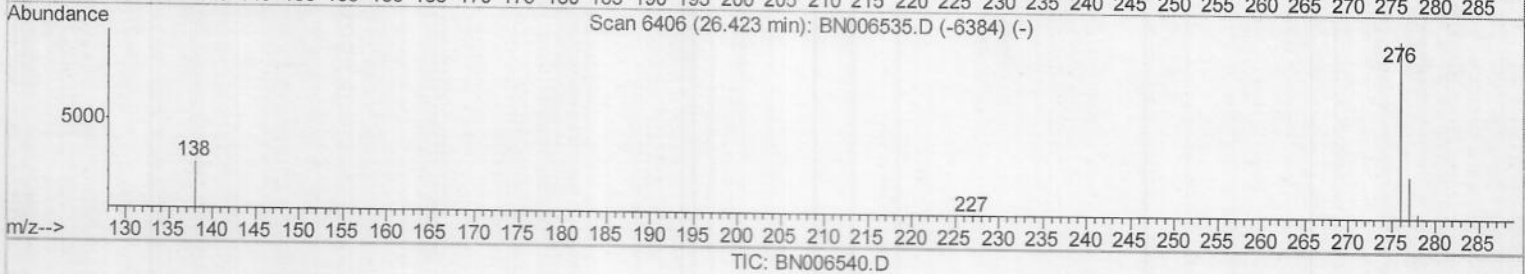
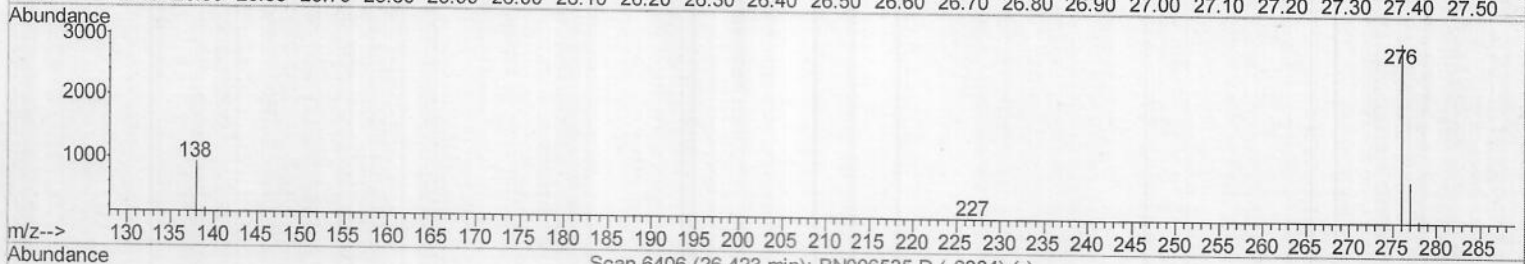
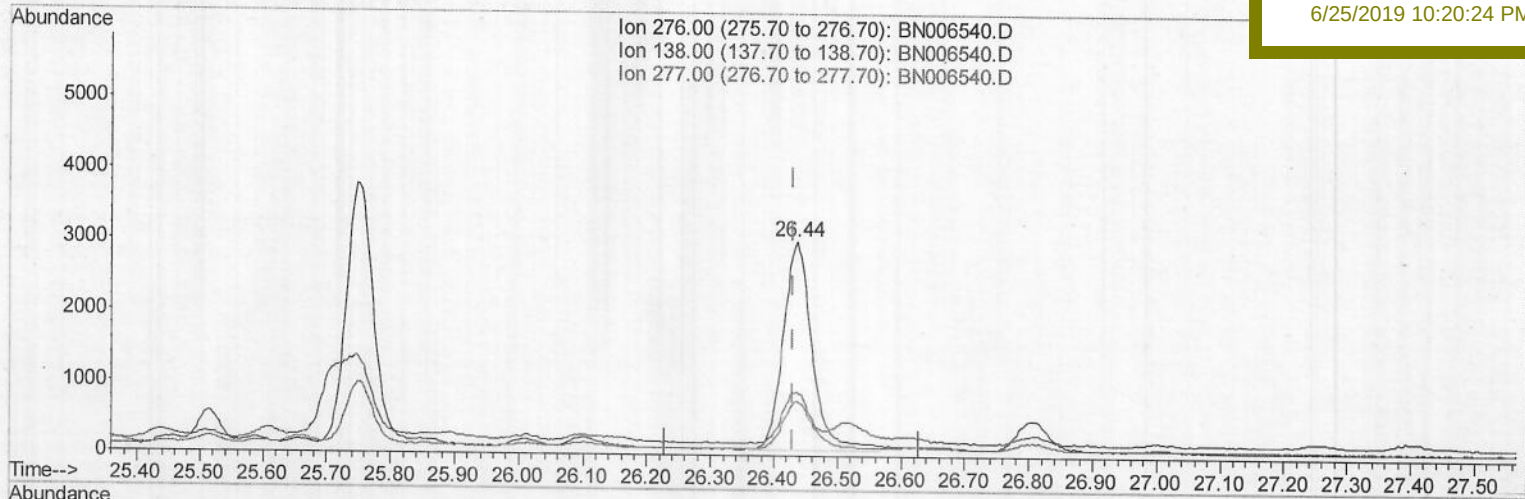
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X6

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:24 PM

TIC: BN006540.D

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

26.436min (+0.007) 0.25ng/ul m

response 9235

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	30.36
277.00	26.90	25.77
0.00	0.00	0.00

JU 06/26/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006540.D
 Acq On : 24 Jun 2019 20:30
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 25 03:21:41 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sample ID :
 A41X6

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:20:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5314	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19651	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9771	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	17692m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.27	240	11518m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10420m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	12519	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	19492m	0.41	ng/ul	0.00
Target Compounds						
11) Pentachlorophenol	16.72	266	160m	0.036	ng/ul	
12) Phenanthrene	17.08	178	14763	0.260	ng/ul	98
13) Anthracene	17.17	178	2215m	0.041	ng/ul	
15) Fluoranthene	19.11	202	39170m	0.625	ng/ul	
17) Pyrene	19.48	202	31746	0.523	ng/ul	100
18) Benzo(a)anthracene	21.25	228	11813	0.232	ng/ul	99
19) Chrysene	21.31	228	15137	0.317	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	20990m	0.483	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	8257m	0.195	ng/ul	
23) Benzo(a)pyrene	23.41	252	13345m	0.330	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	10809m	0.247	ng/ul	
25) Dibenzo(a,h)anthracene	25.76	278	2825m	0.081	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	9235m	0.252	ng/ul	

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

JU
 06/26/19