

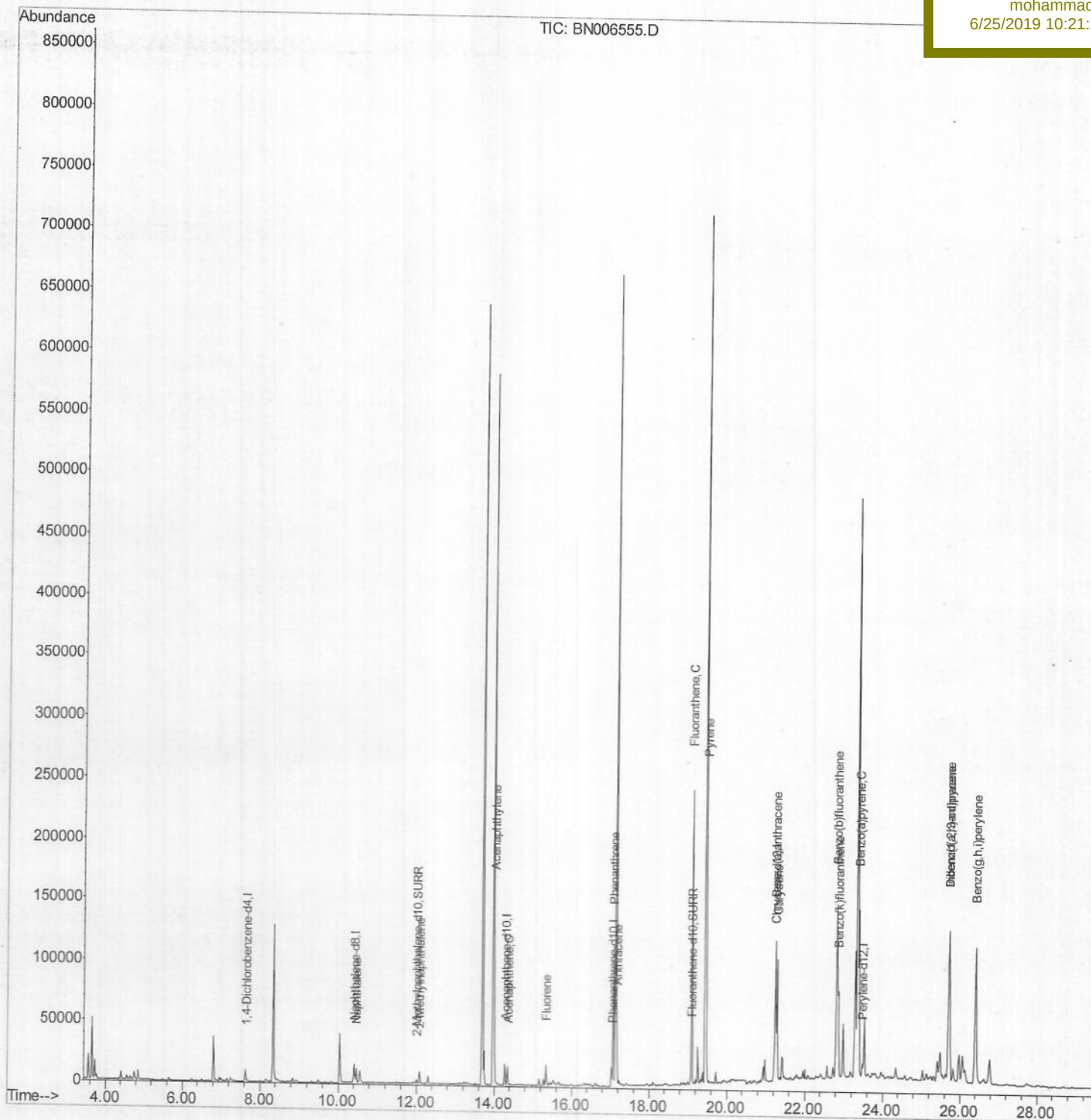
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006555.D
Acq On : 25 Jun 2019 05:16
Operator : HP/JU
Sample : K3388-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:40:55 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 :
A4215

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:20 PM



Quantitation Report (Qedit)

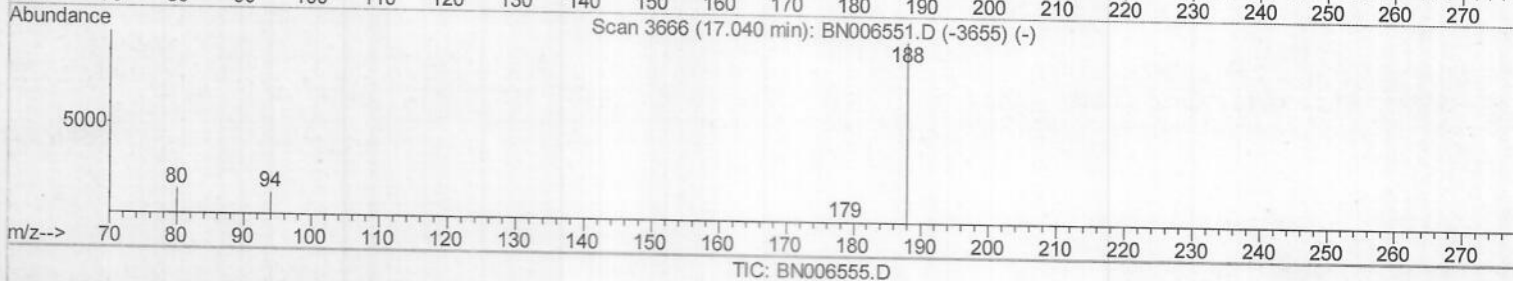
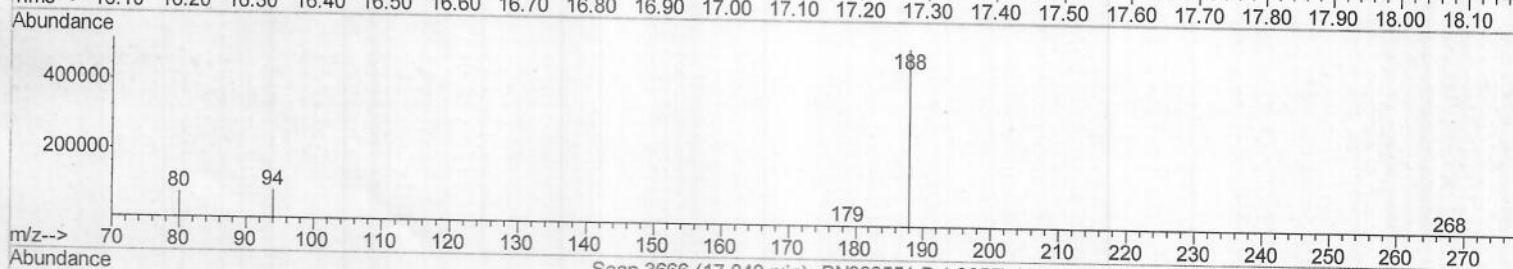
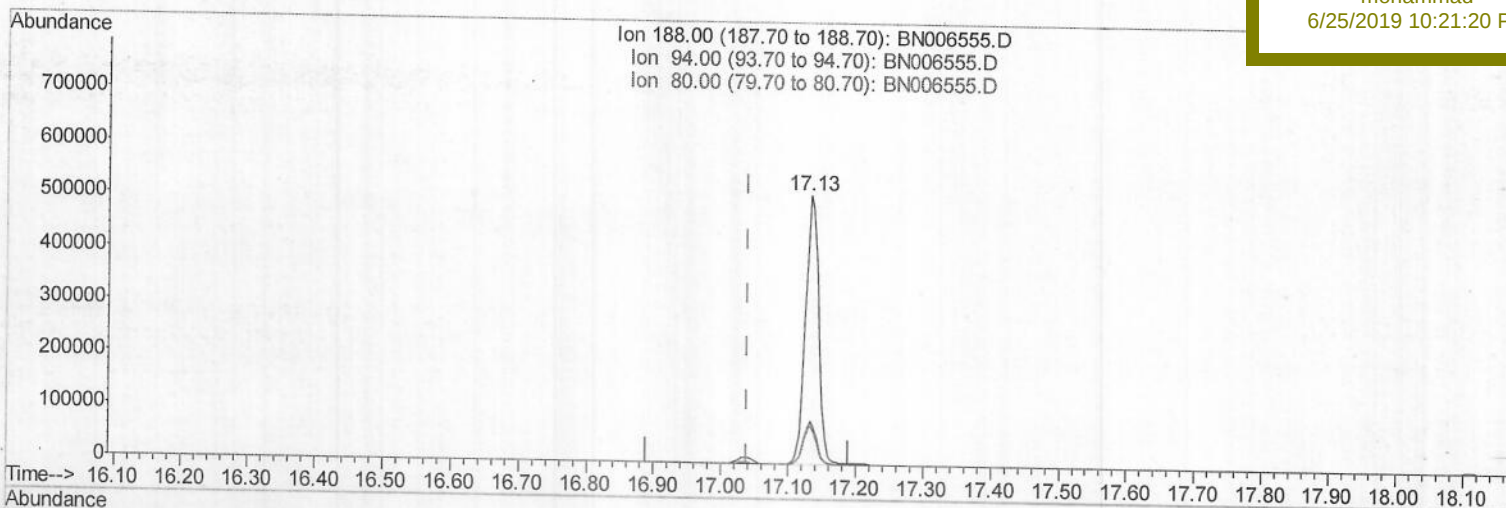
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:11:53 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 :
 A4215

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:20 PM



(10) Phenanthrene-d10 (I)
 17.133min (+0.093) 0.40ng/ul
 response 688700

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.71#
80.00	13.60	14.30
0.00	0.00	0.00

Quantitation Report (Qedit)

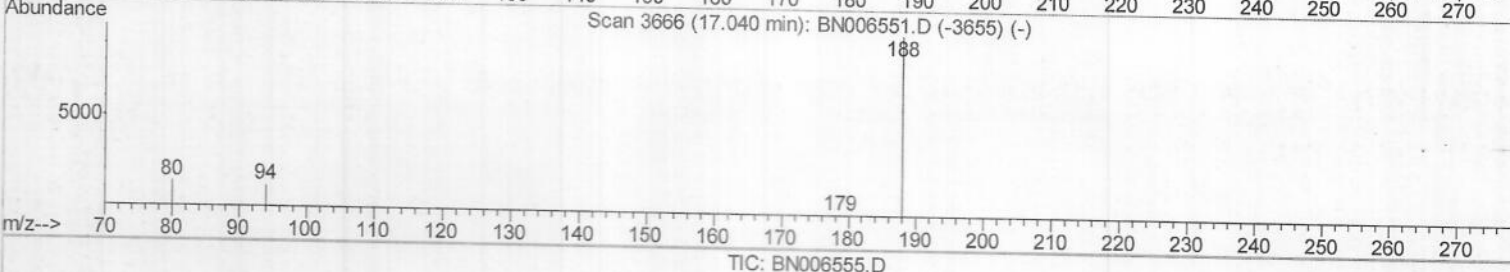
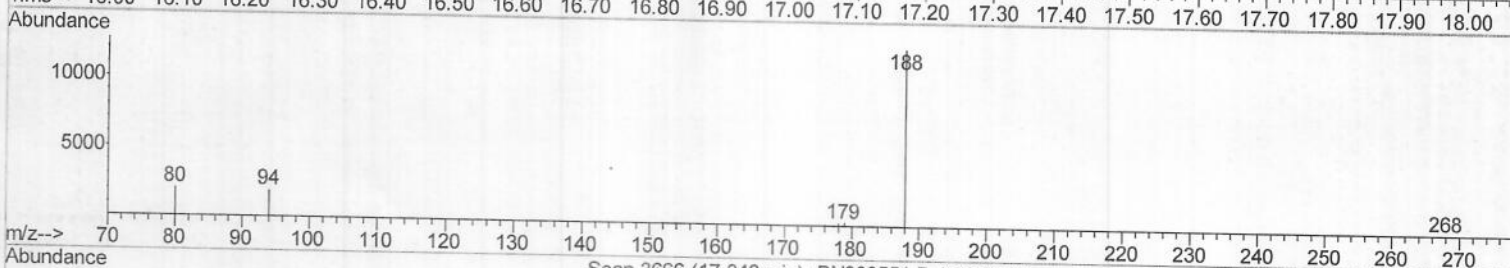
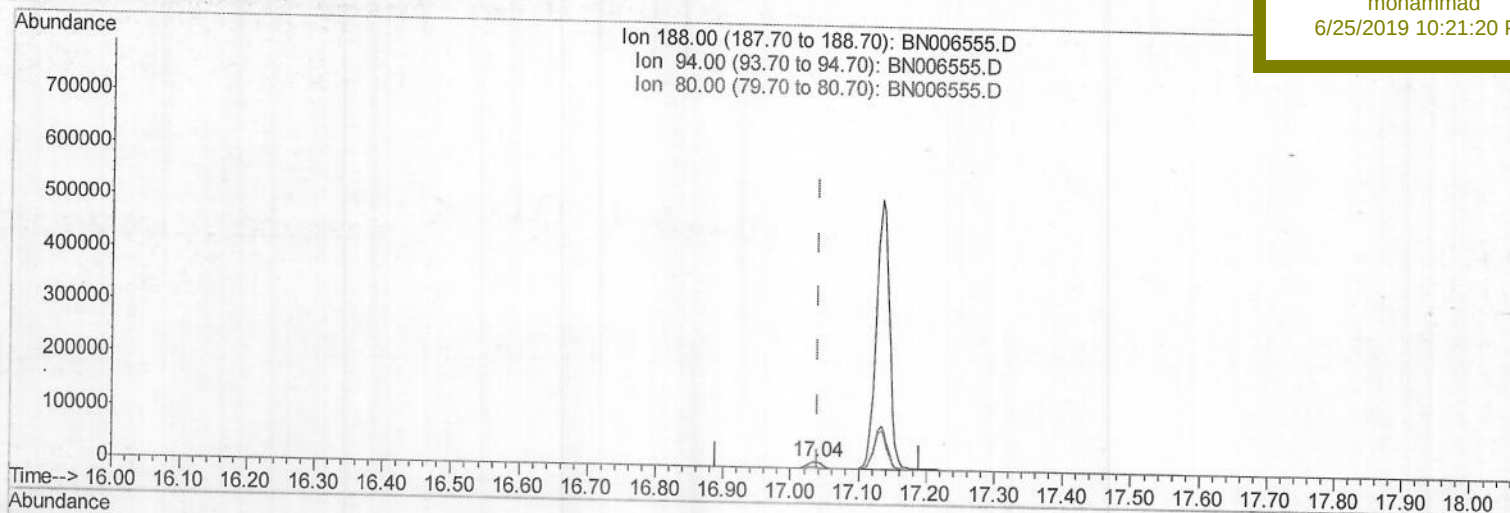
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:11:53 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 :
 A4215

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:20 PM



(10) Phenanthrene-d10 (I)

17.035min (-0.004) 0.40ng/ul m

JU 06/27/19

response 17336

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.97
80.00	13.60	16.21
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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

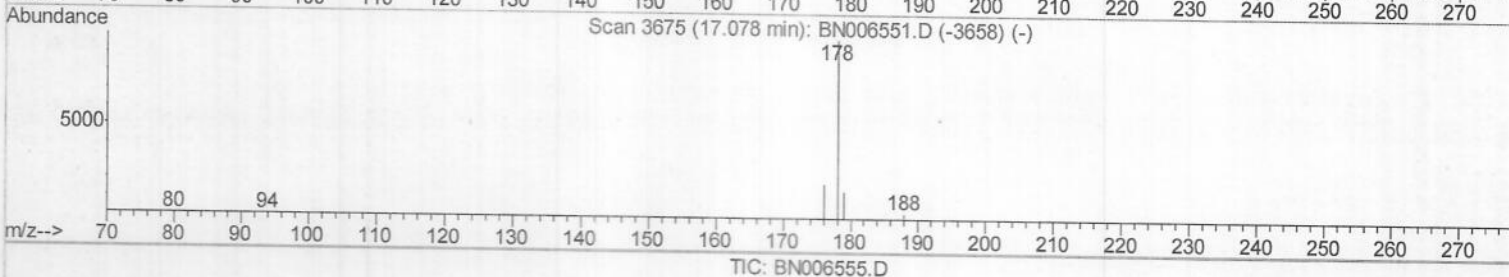
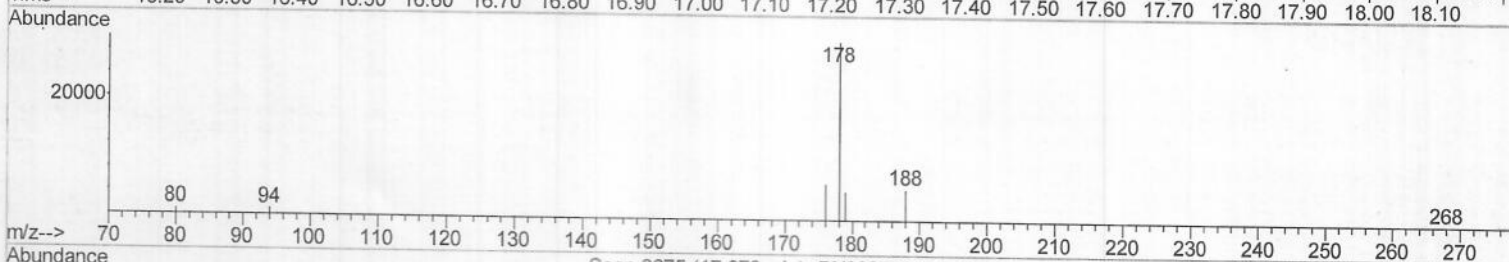
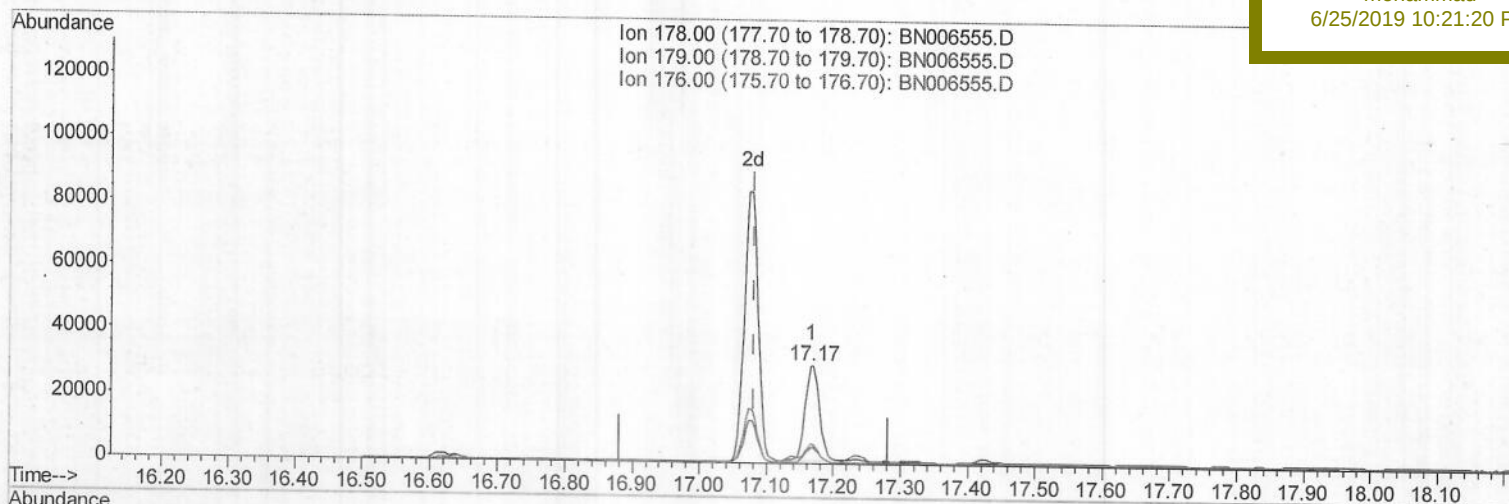
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(12) Phenanthrene

17.166min (+0.085) 0.78ng/ul

response 43655

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.07
176.00	19.10	19.78
0.00	0.00	0.00

Quantitation Report (Qedit)

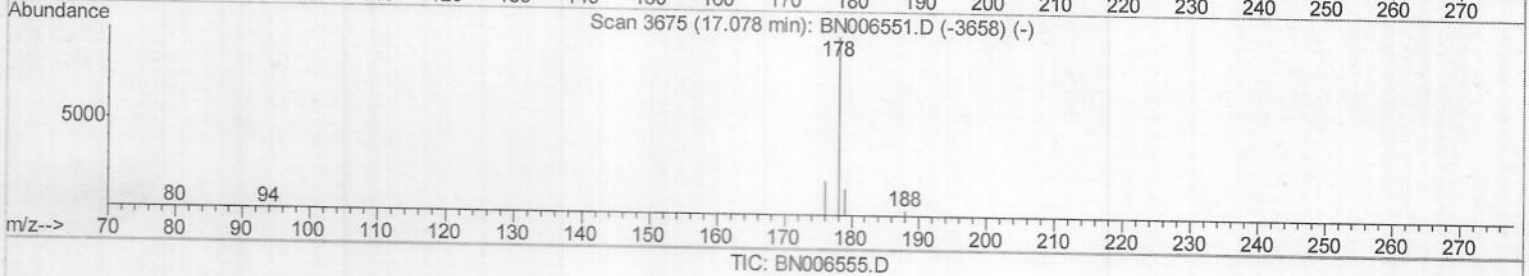
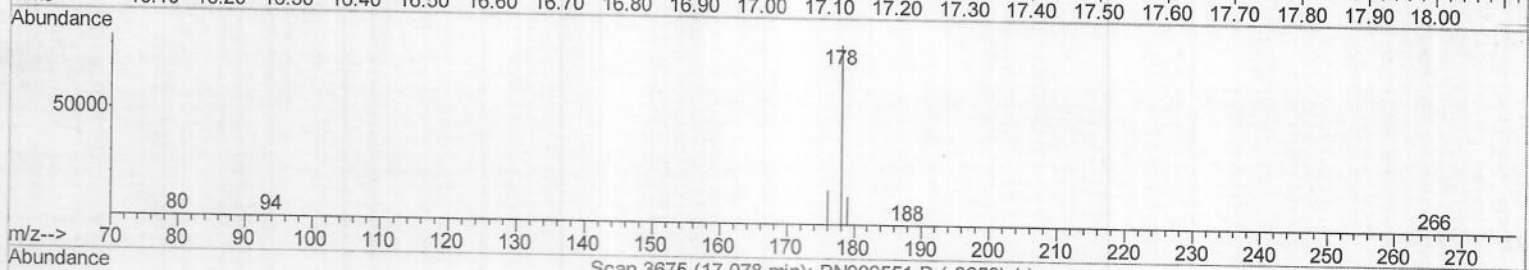
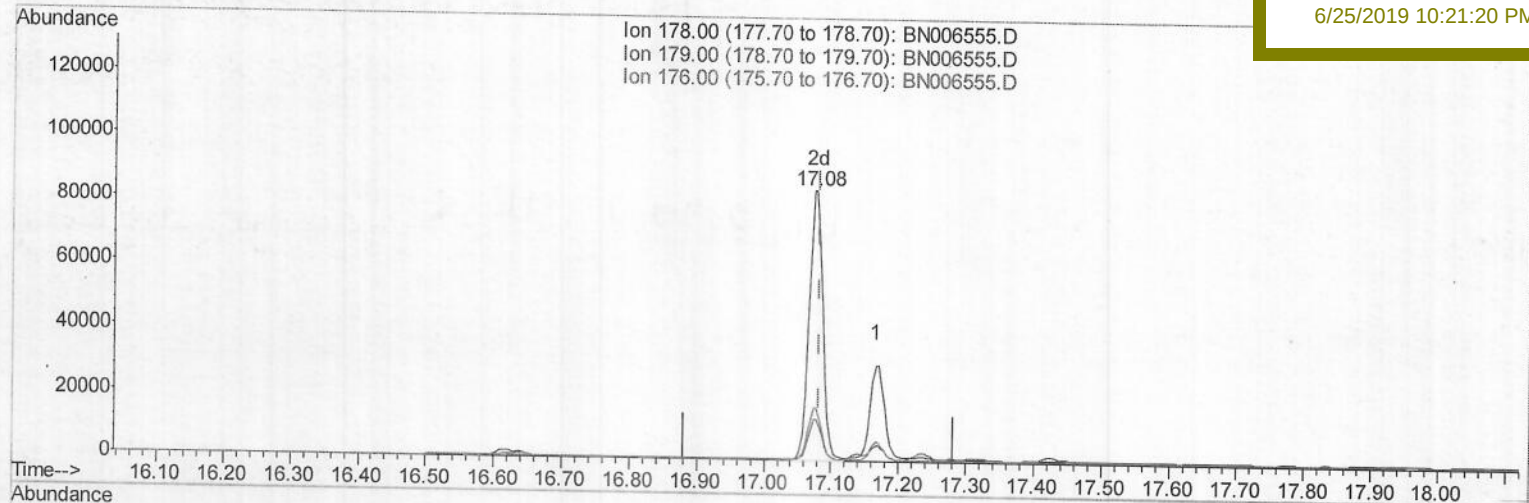
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :
 A4215

Manual Integrations
APPROVED

mohammad
 6/25/2019 10:21:20 PM



(12) Phenanthrene

17.078min (-0.004) 2.18ng/ul m > JU 06/24/19

response 121286

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.53
176.00	19.10	19.59
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :

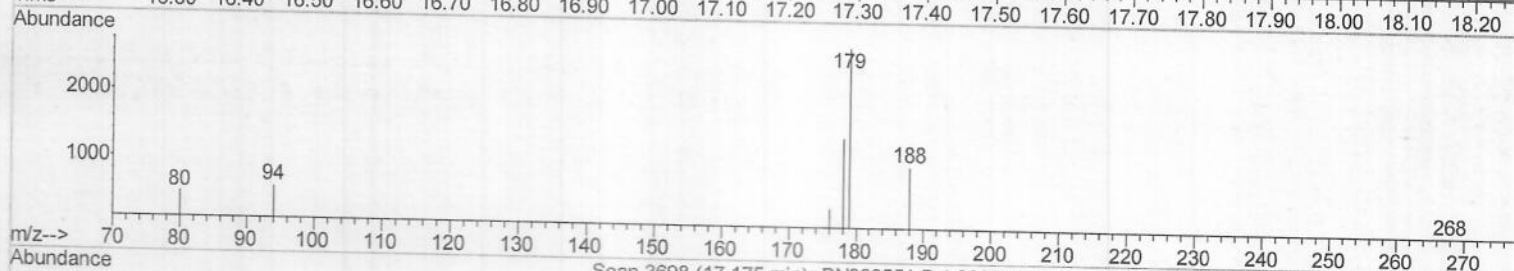
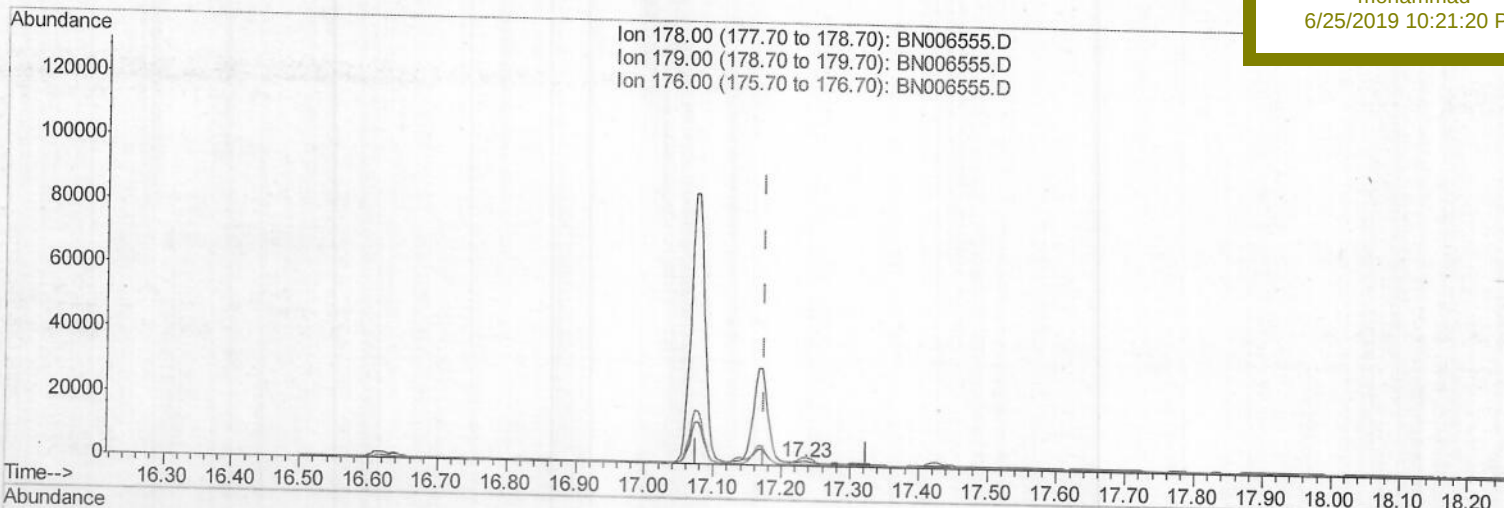
A4215

Manual Integrations

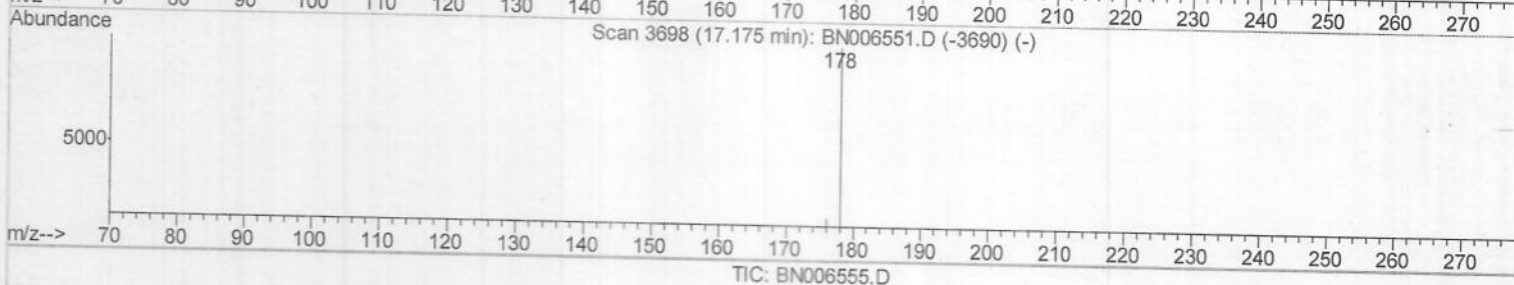
APPROVED

mohammad

6/25/2019 10:21:20 PM



Scan 3698 (17.175 min): BN006555.D (-3690) (-)



(13) Anthracene

17.234min (+0.059) 0.02ng/ul

response 1242

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	197.19#
176.00	18.90	26.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :

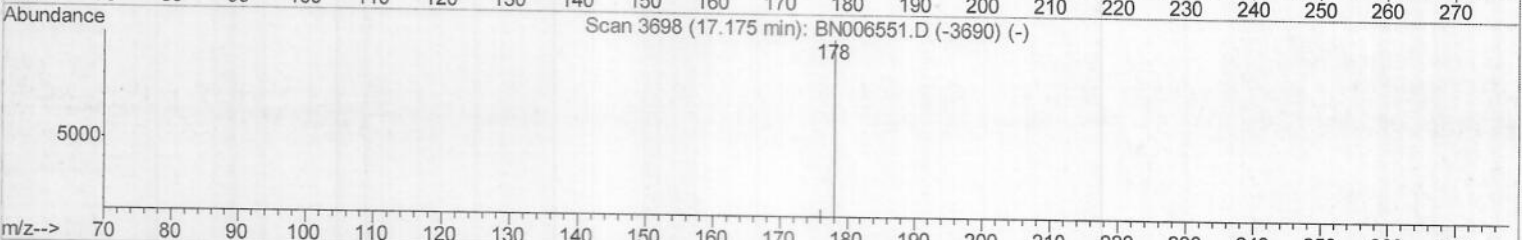
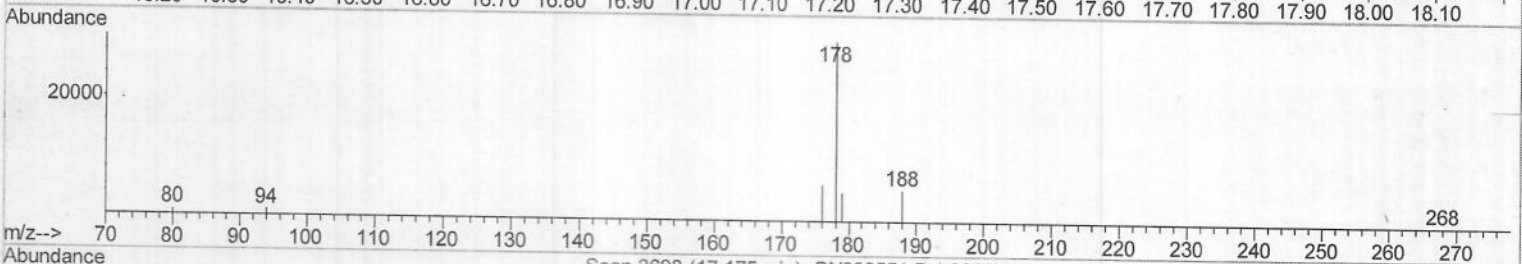
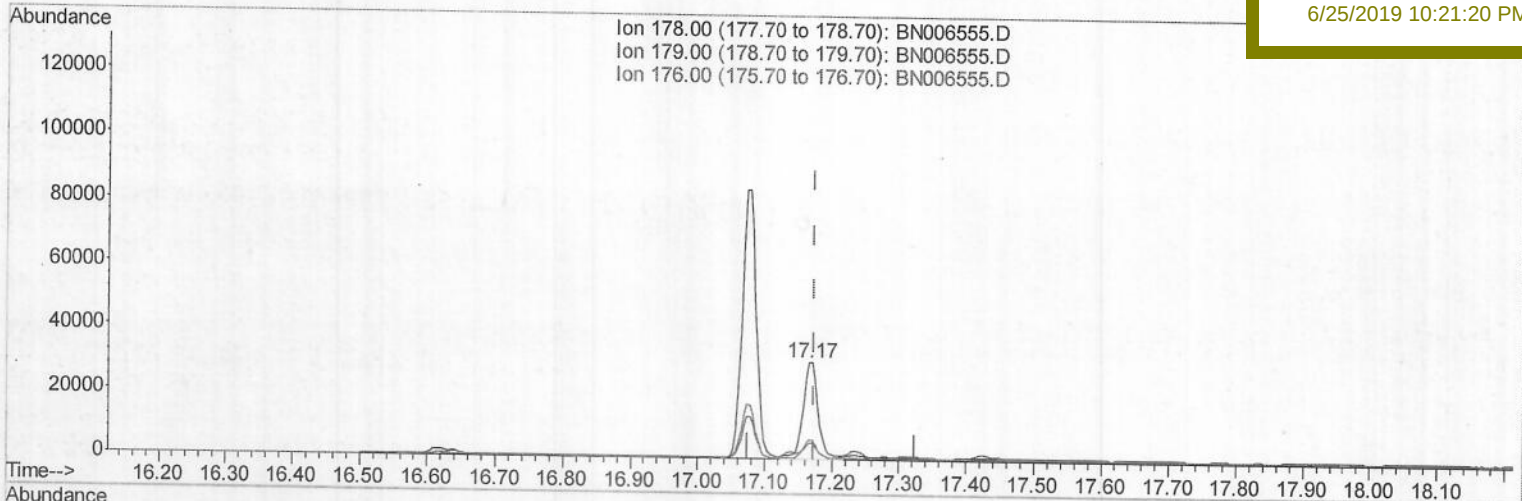
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



TIC: BN006555.D

(13) Anthracene

17.166min (-0.008) 0.91ng/ul m

> JU 06/27/19

response 48105

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.07
176.00	18.90	19.78
0.00	0.00	0.00

Quantitation Report (Qedit)

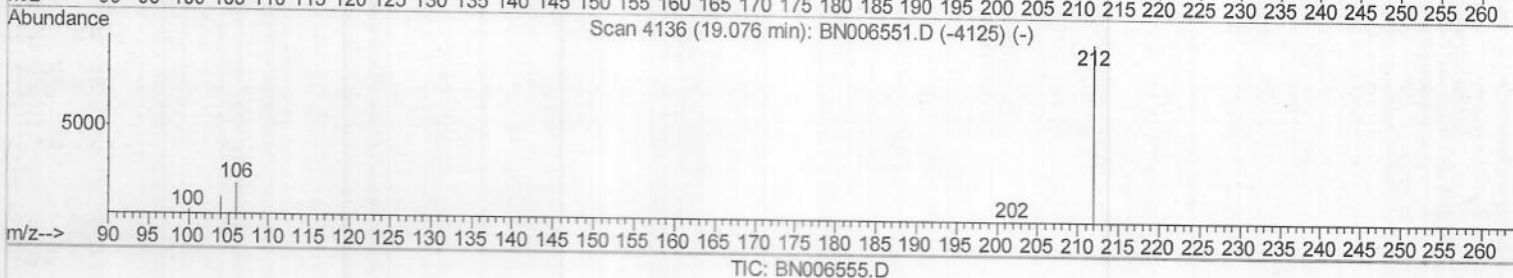
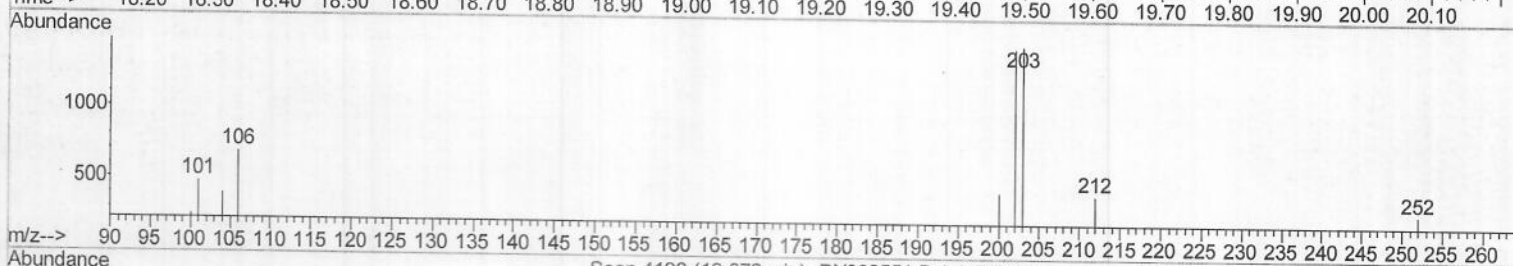
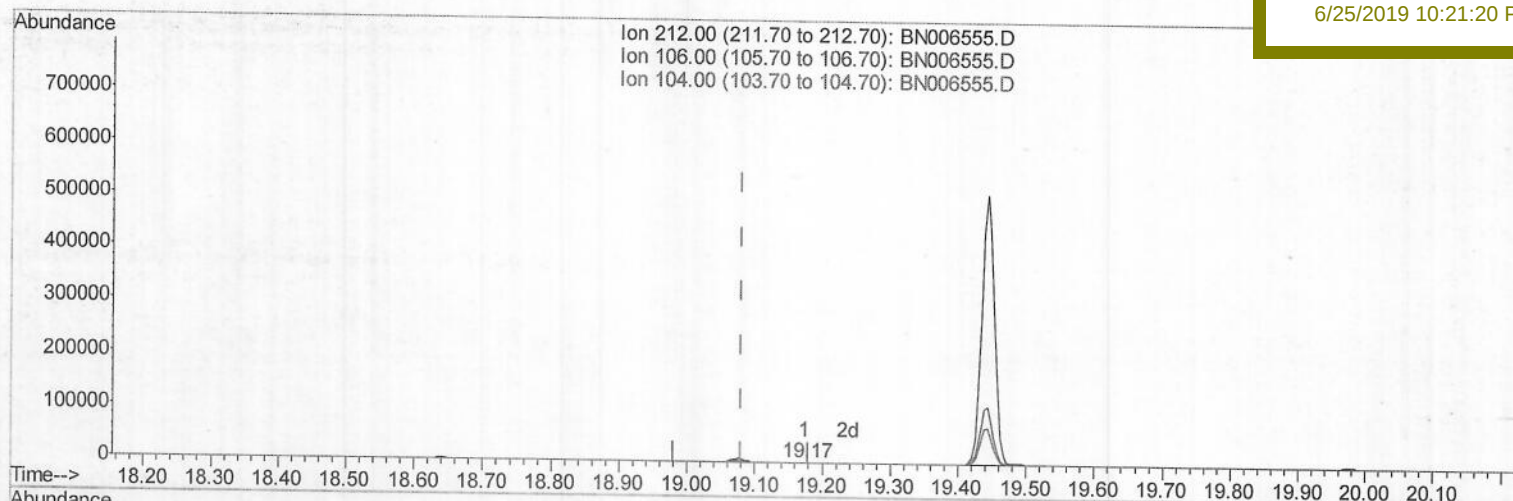
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006555.D
Acq On : 25 Jun 2019 05:16
Operator : HP/JU
Sample : K3388-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :
A4215

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:20 PM



(14) Fluoranthene-d10 (SURR)

19.174min (+0.093) 0.00ng/ul

response 178

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	83.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :

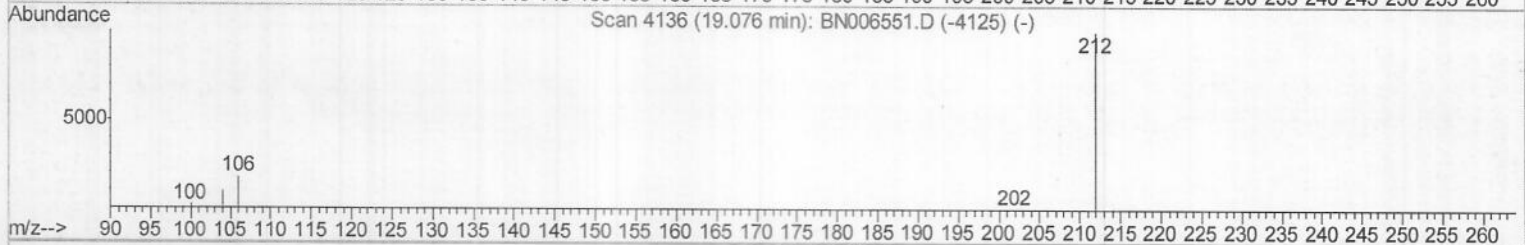
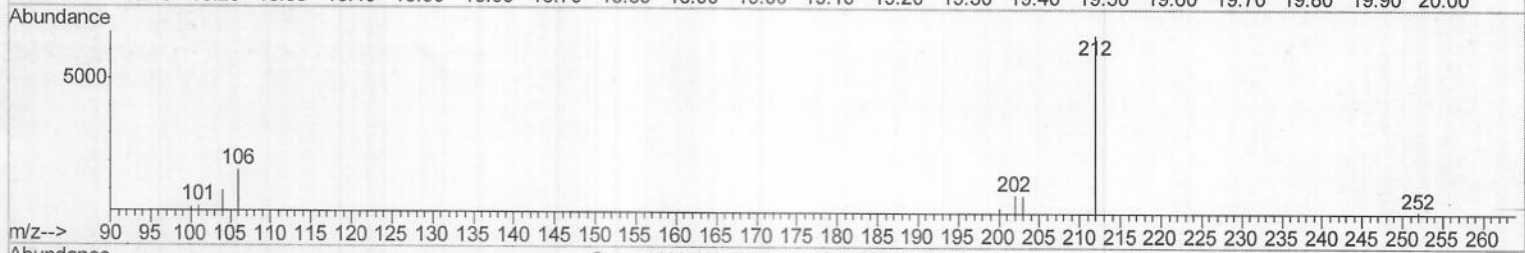
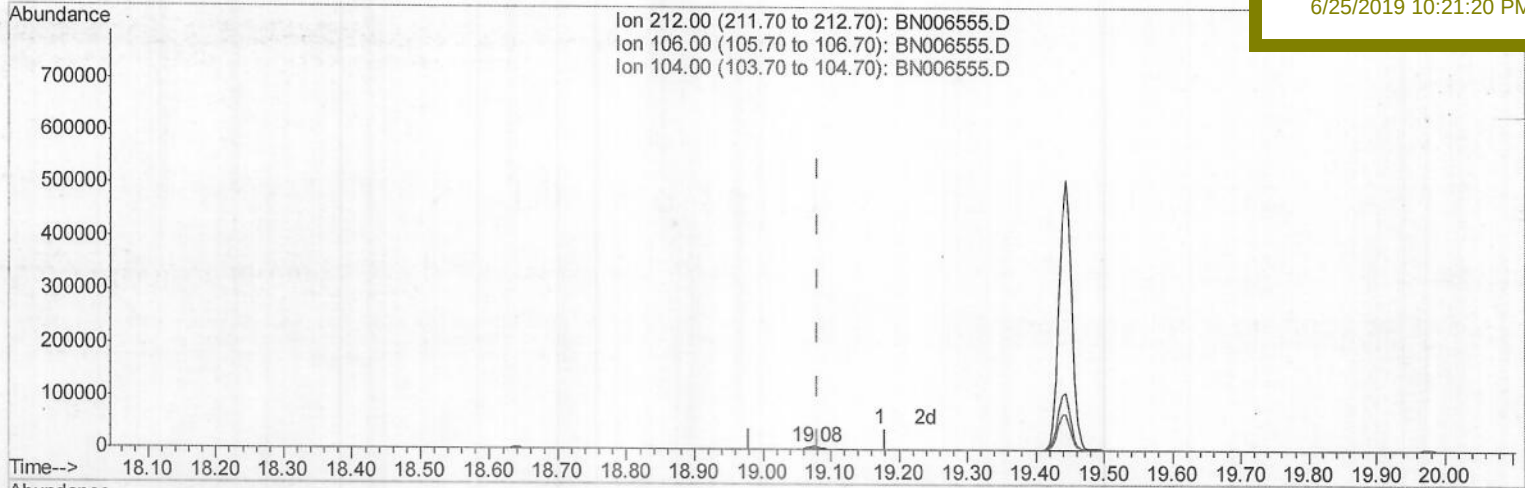
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



TIC: BN006555.D

(14) Fluoranthene-d10 (SURR)

19.076min (-0.005) 0.20ng/ul m

response 9299

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	1.60#
0.00	0.00	0.00

> JU 06/24/19

Quantitation Report (Qedit)

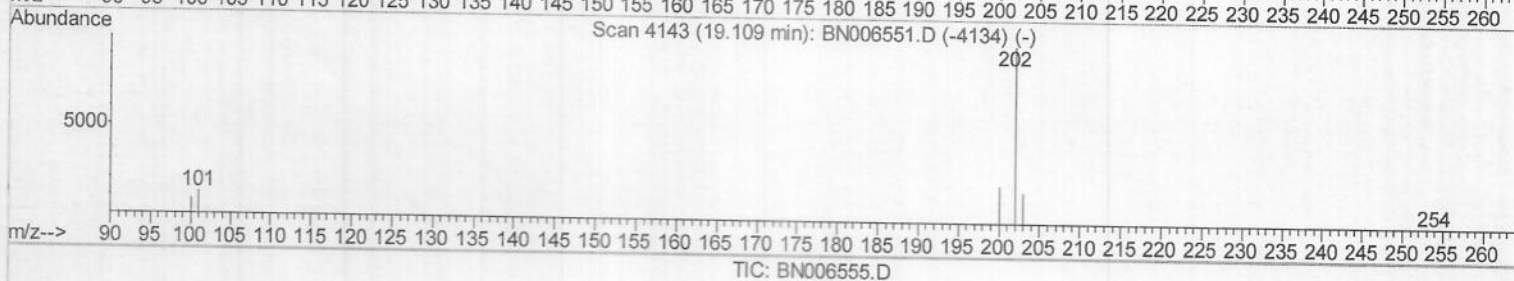
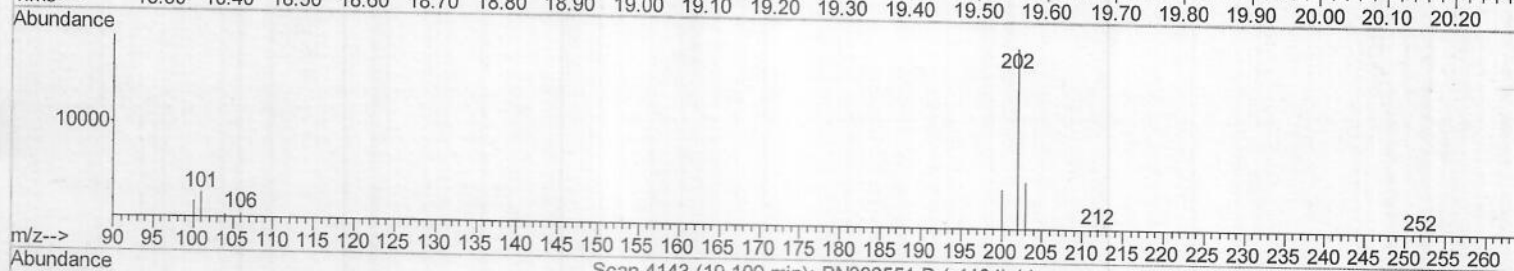
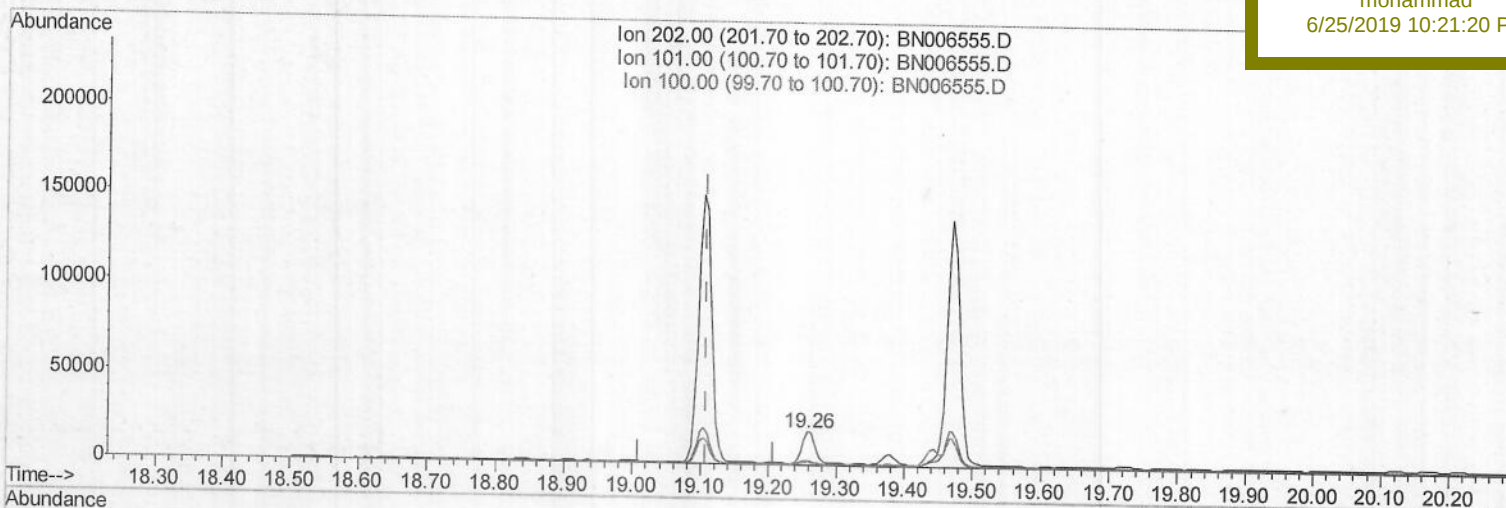
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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 :
 A4215

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:20 PM



(15) Fluoranthene (C)
 19.257min (+0.149) 0.39ng/ul
 response 23736

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.64
100.00	8.70	10.12
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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

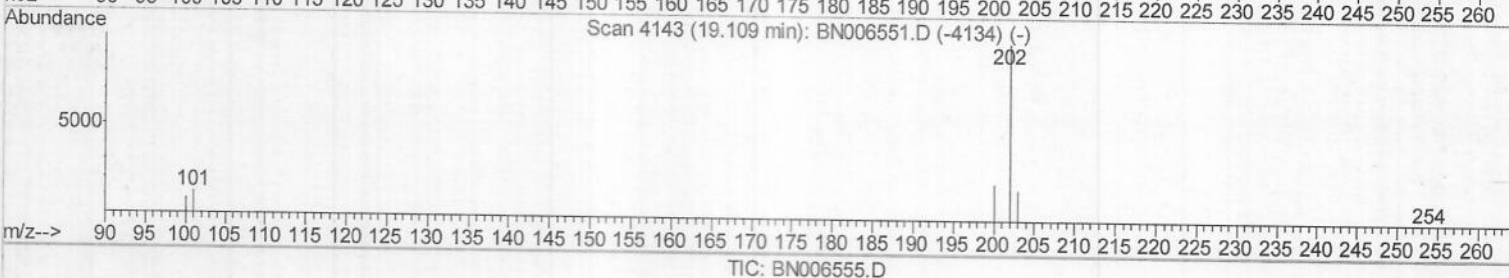
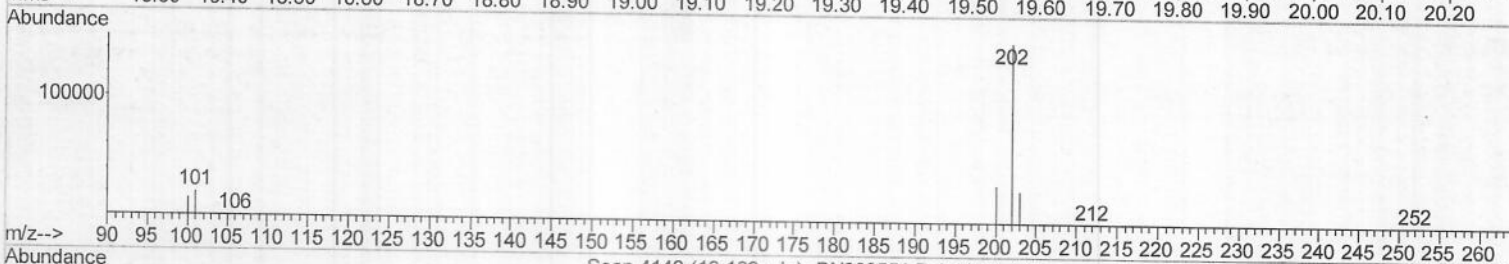
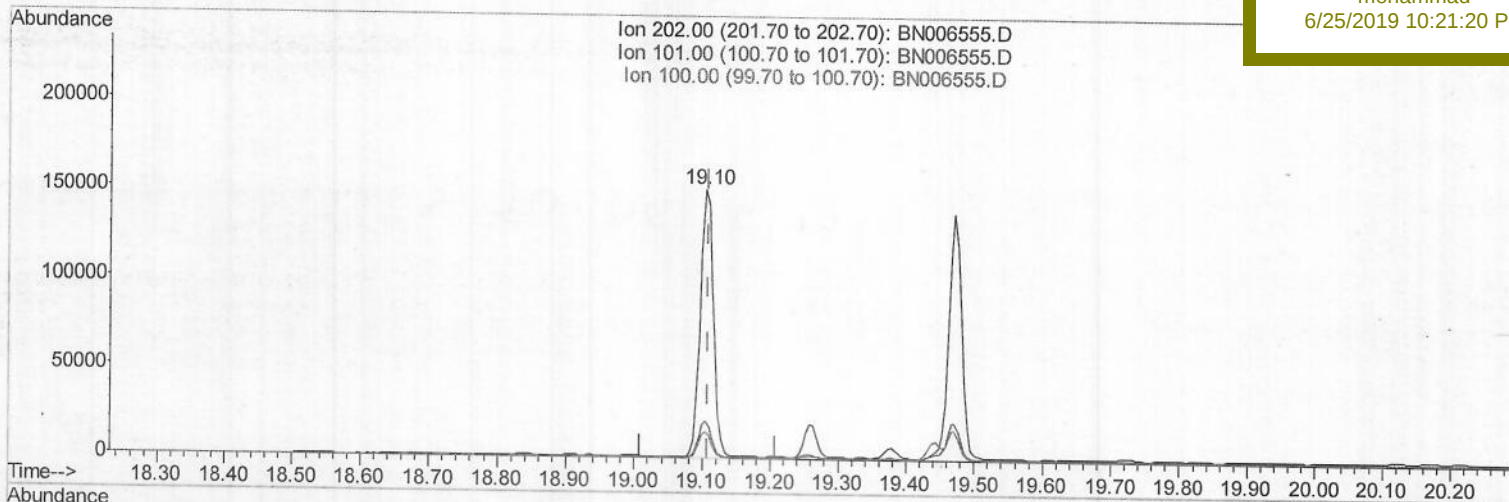
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(15) Fluoranthene (C)

19.104min (-0.005) 3.29ng/ul m > JU 06/24/19

response 202063

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.49
100.00	8.70	9.72
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:36:32 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

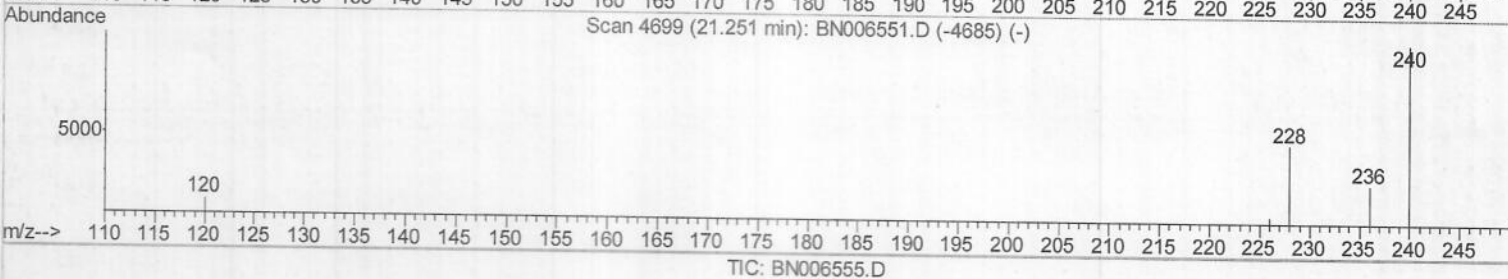
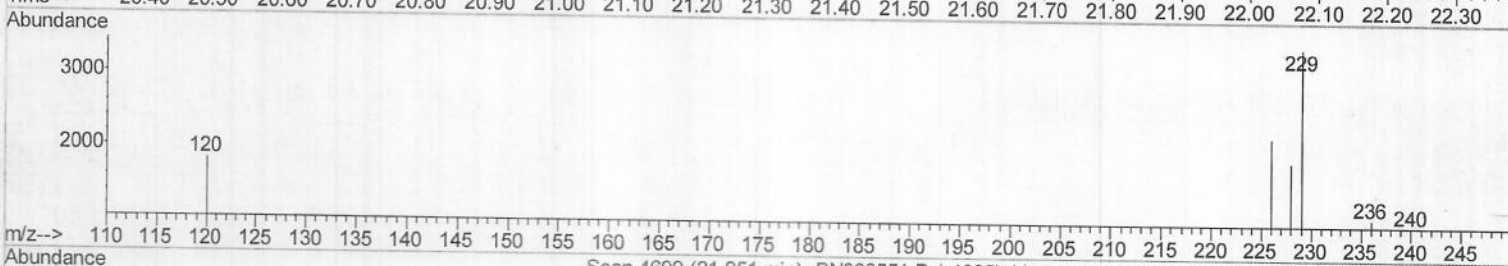
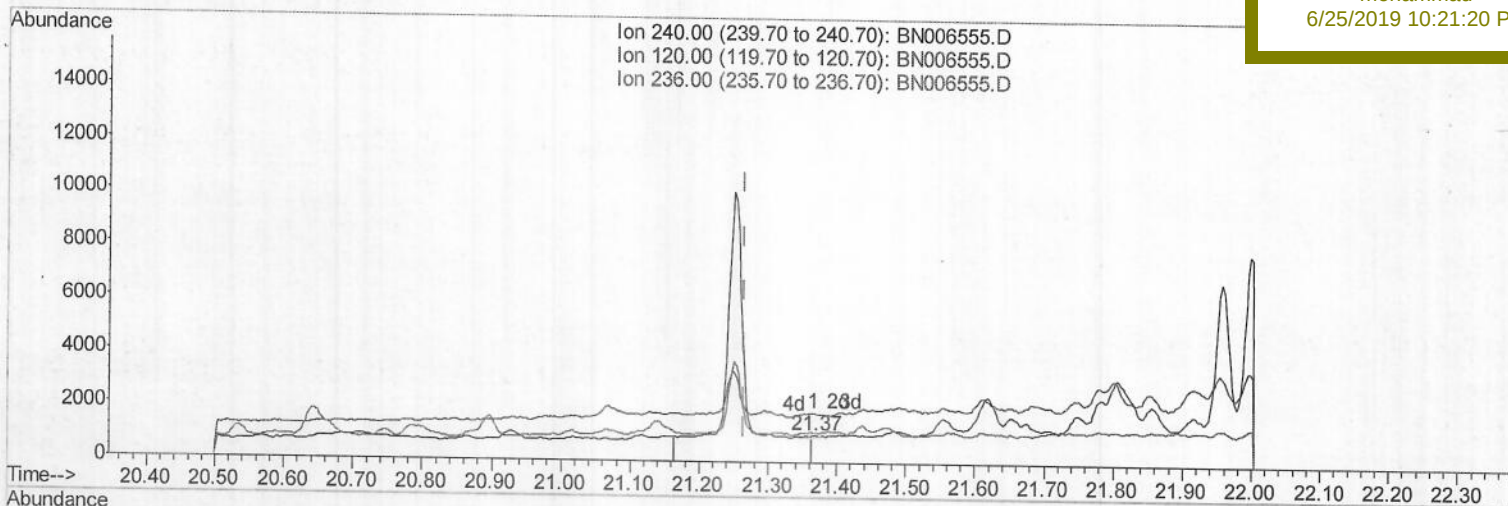
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(16) Chrysene-d12 (I)

21.368min (+0.102) 0.40ng/ul

response 116

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	176.95#
236.00	30.10	109.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006555.D
Acq On : 25 Jun 2019 05:16
Operator : HP/JU
Sample : K3388-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_N

Client Sample ID :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

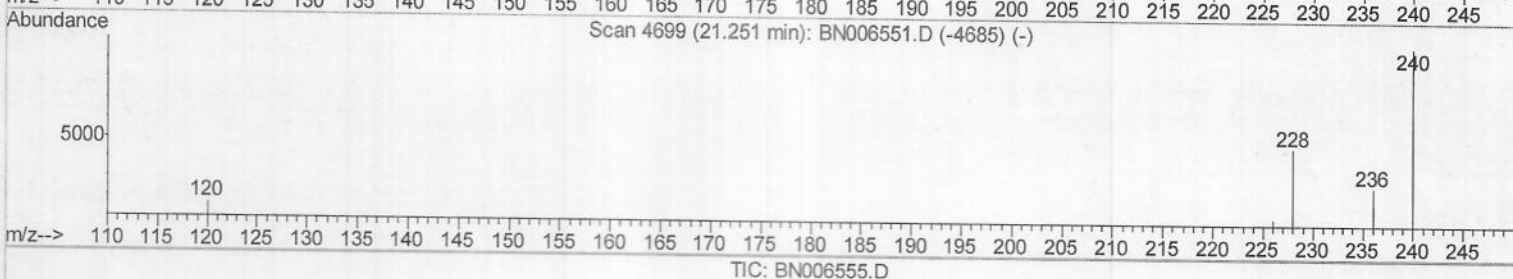
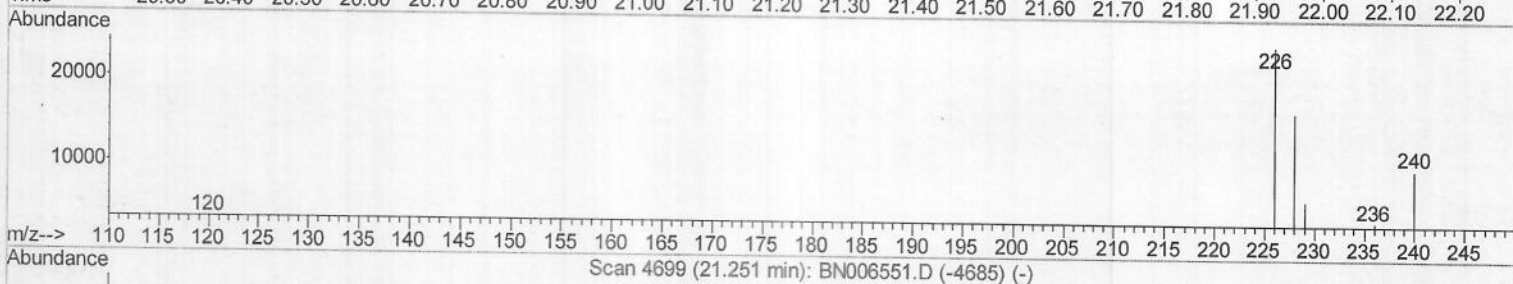
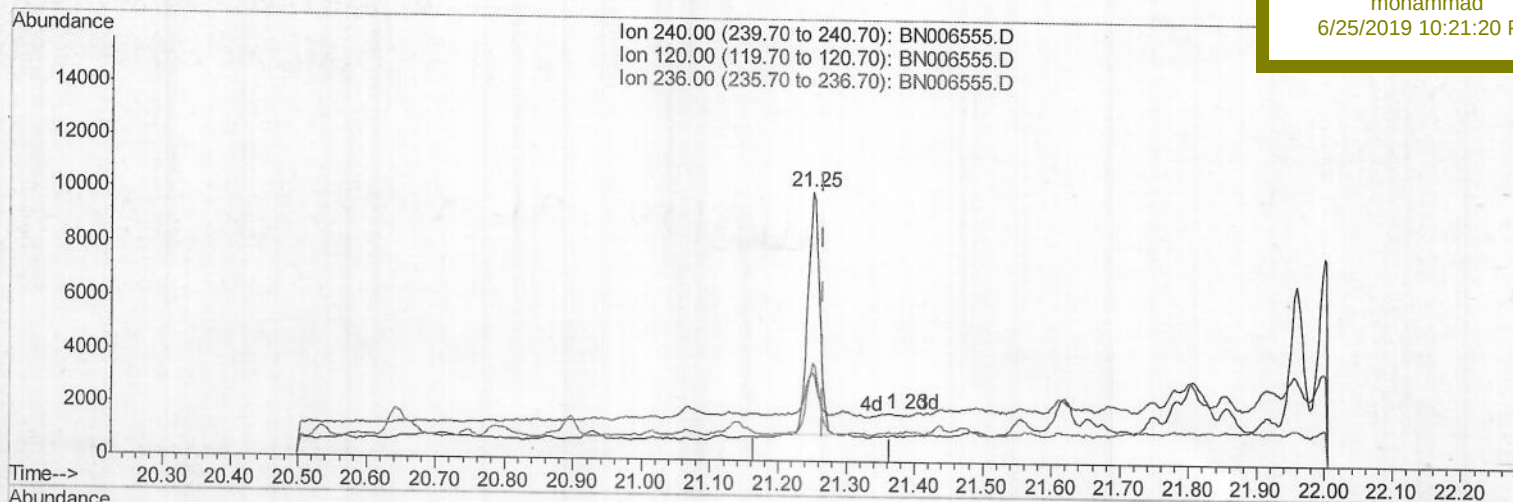
Quant Time: Jun 25 07:36:32 2019

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



(16) Chrysene-d12 (I)

21.251min (-0.015) 0.40ng/ul m

JU 06/27/19

response 10956

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	32.99#
236.00	30.10	36.73#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:37:56 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

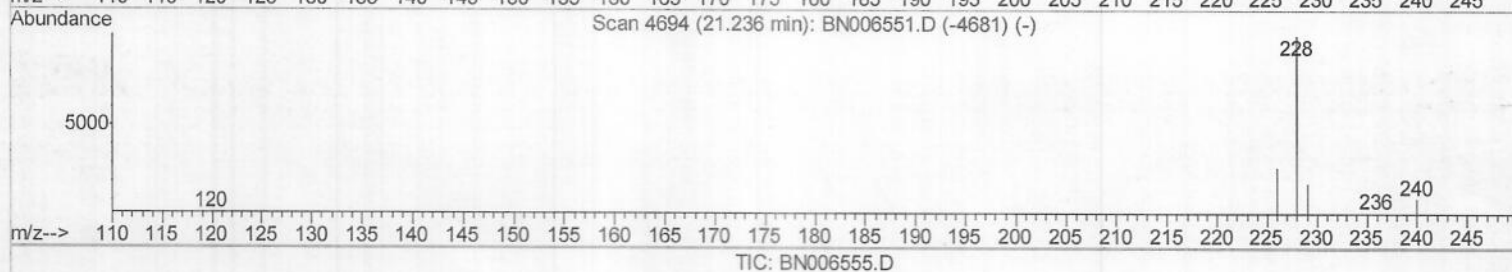
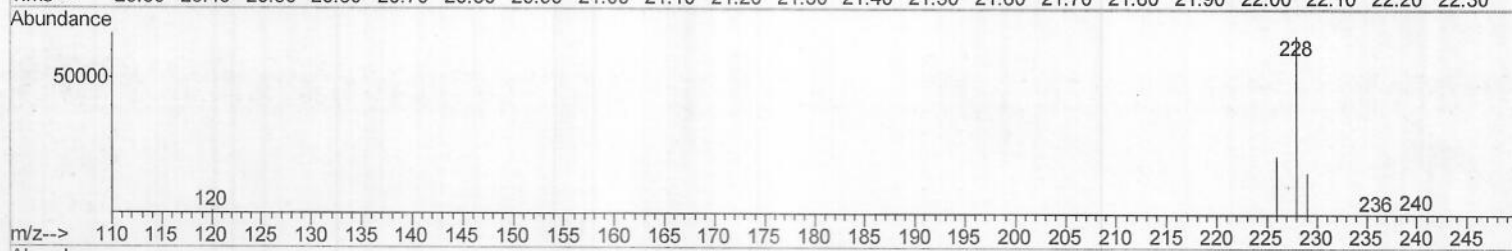
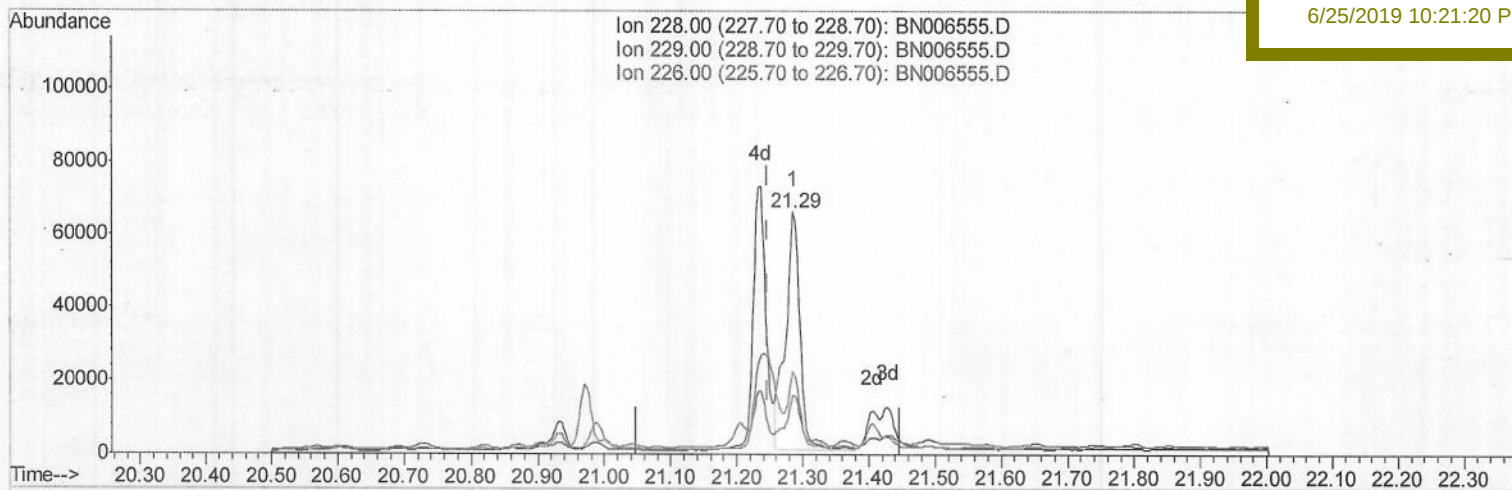
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(18) Benzo(a)anthracene

21.286min (+0.038) 2.05ng/ul

response 99297

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	24.38
226.00	28.50	33.62
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:37:56 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

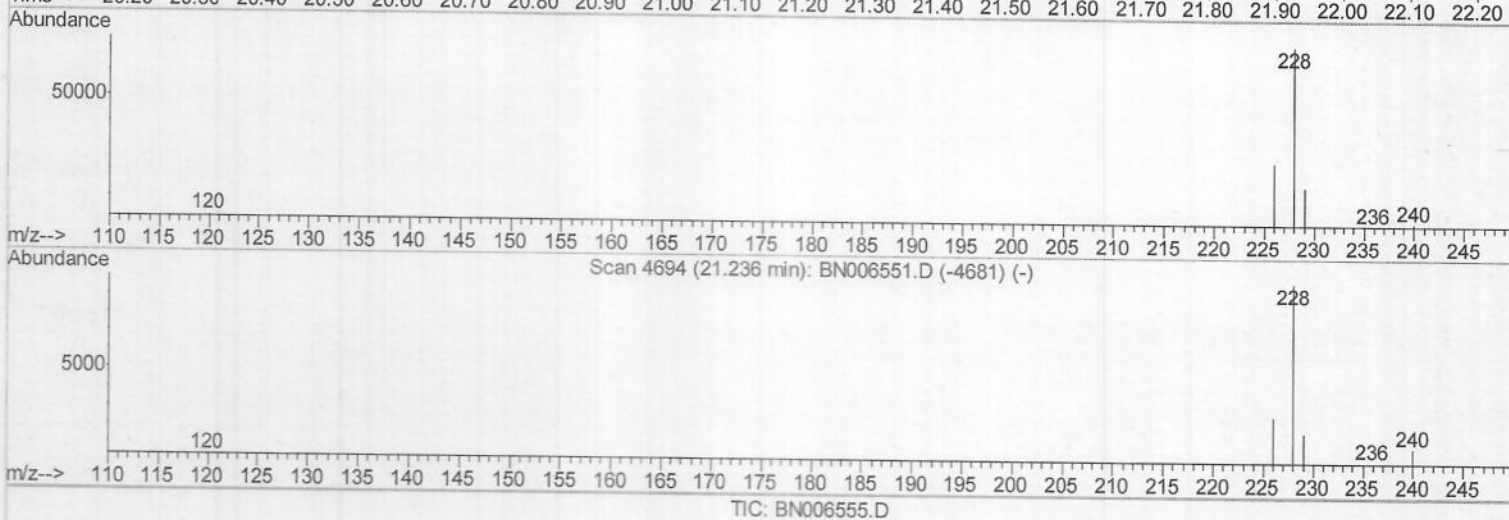
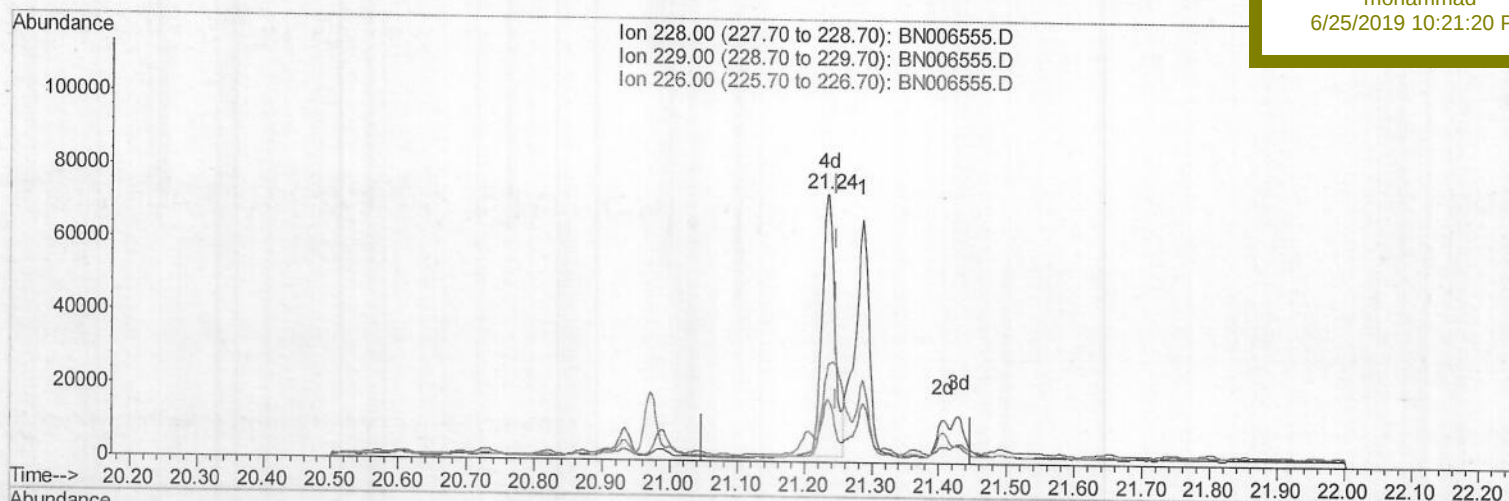
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(18) Benzo(a)anthracene

21.236min (-0.012) 1.96ng/ul m

JU 06/27/19

response 95022

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	23.05
226.00	28.50	36.27#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:37:56 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

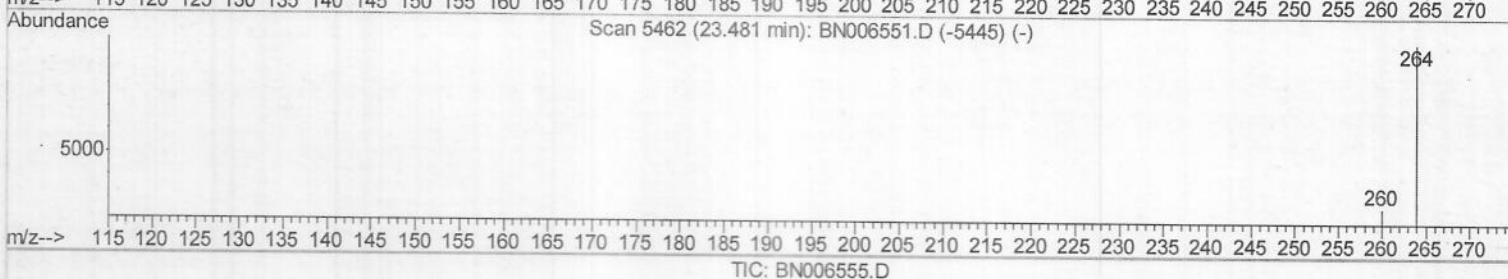
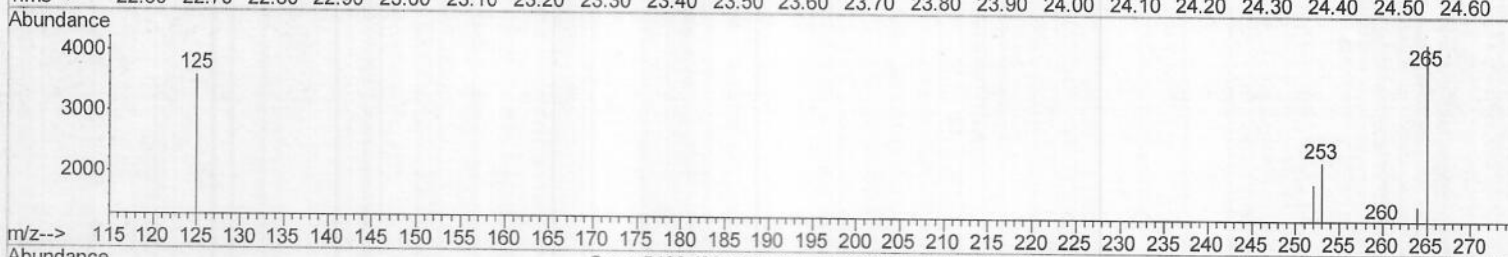
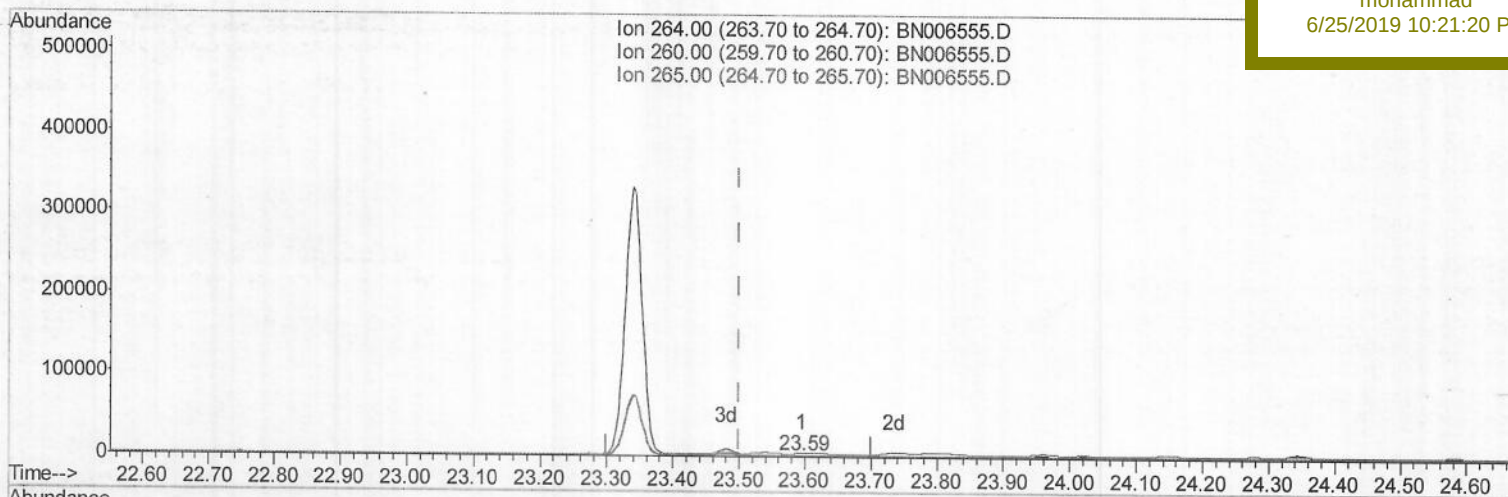
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(20) Perylene-d12 (I)

23.595min (+0.094) 0.40ng/ul

response 1196

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	83.28#
265.00	44.70	275.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:37:56 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 :

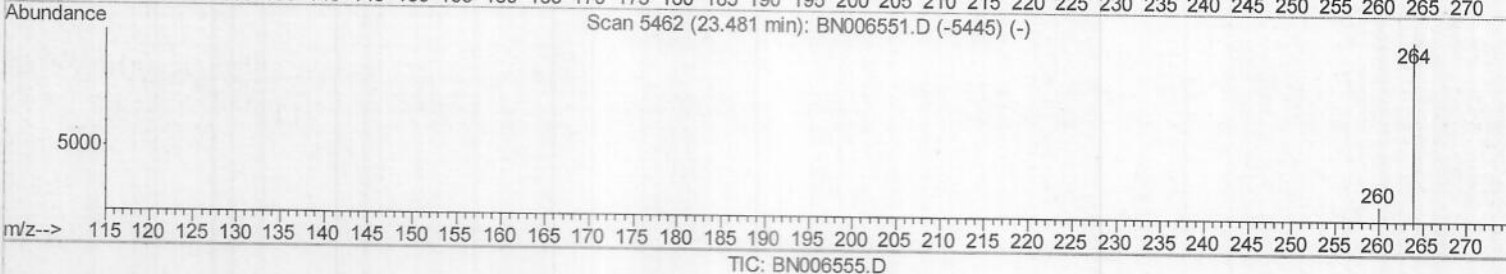
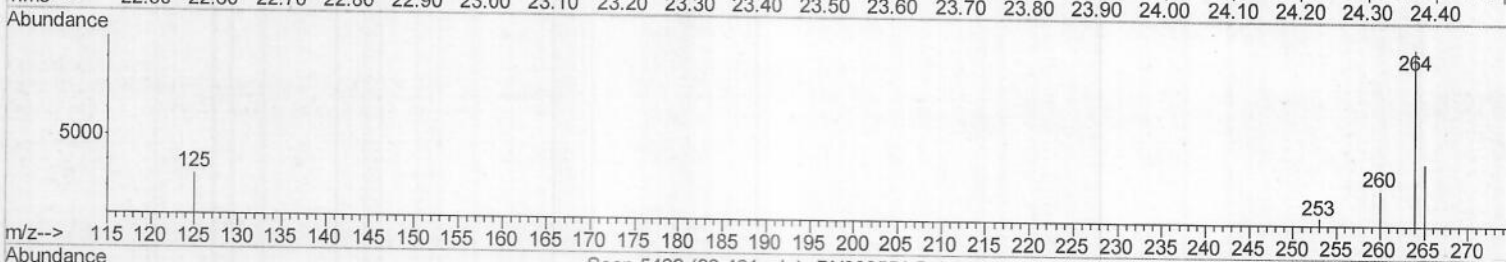
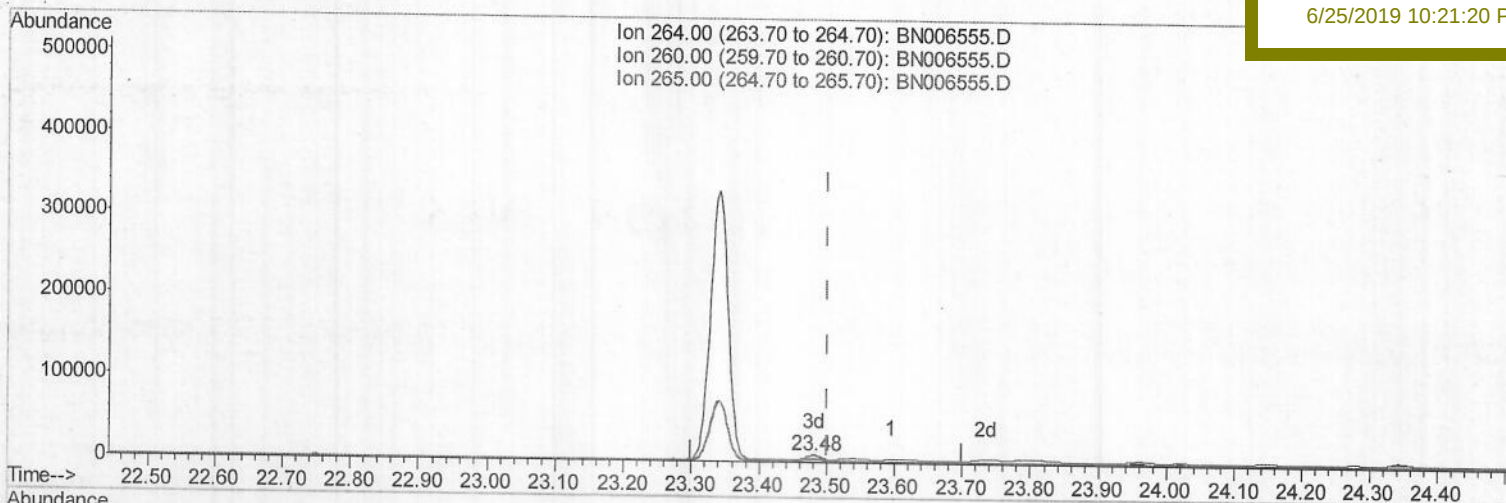
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



(20) Perylene-d12 (I)

23.481min (-0.020) 0.40ng/ul m

response 12461

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	37.57#
265.00	44.70	49.33
0.00	0.00	0.00

JU 06/27/19

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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 :

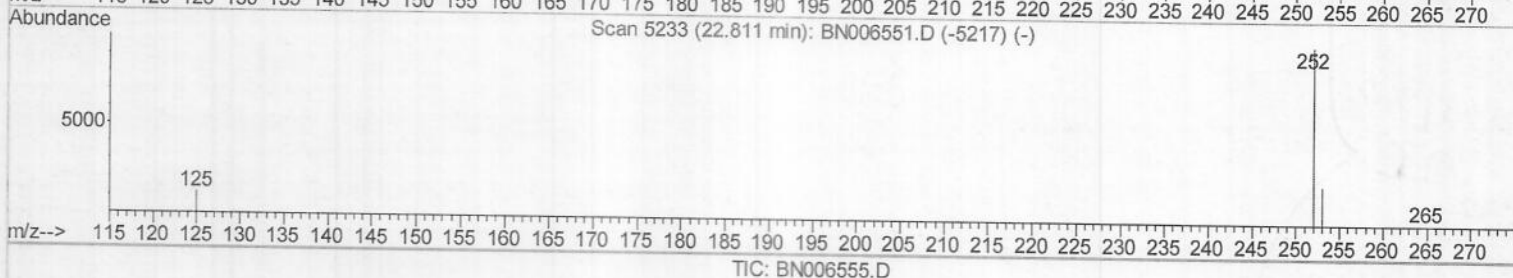
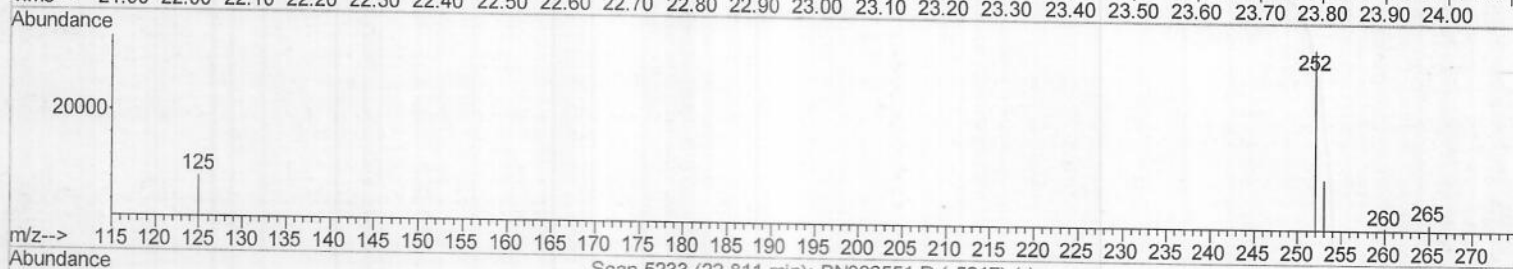
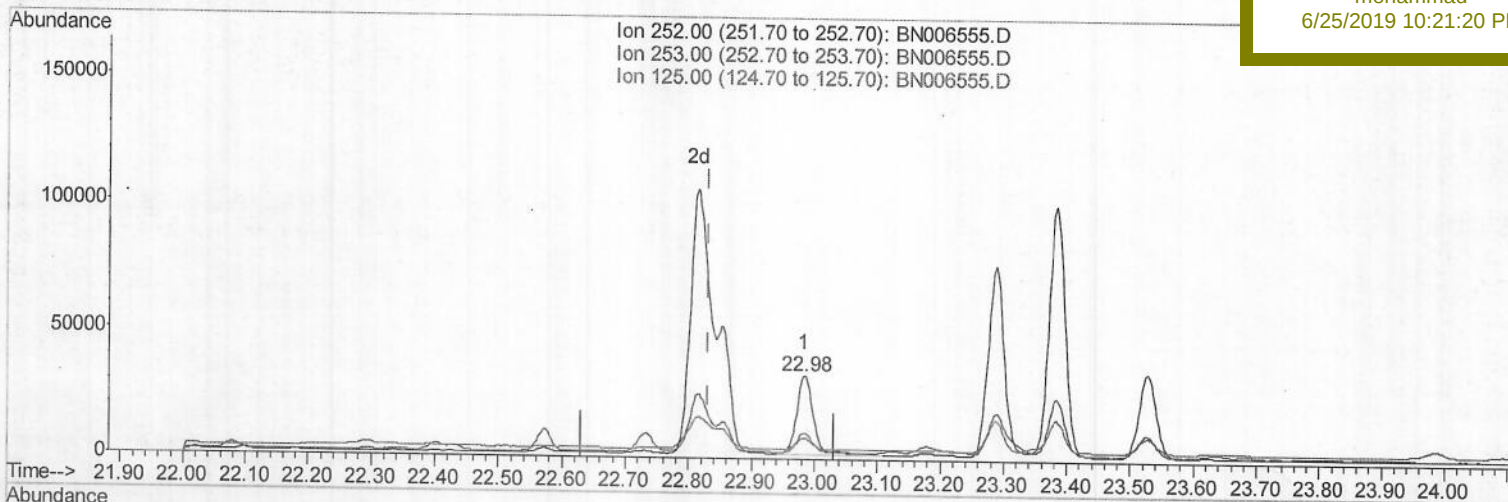
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



(21) Benzo(b)fluoranthene

22.984min (+0.152) 1.11ng/ui

response 57456

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	30.54
125.00	20.50	24.91
0.00	0.00	0.00

Quantitation Report (Qedit)

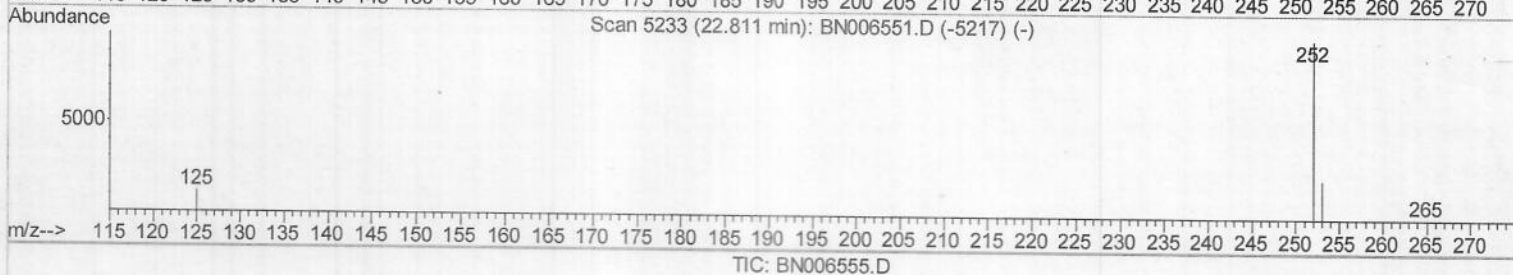
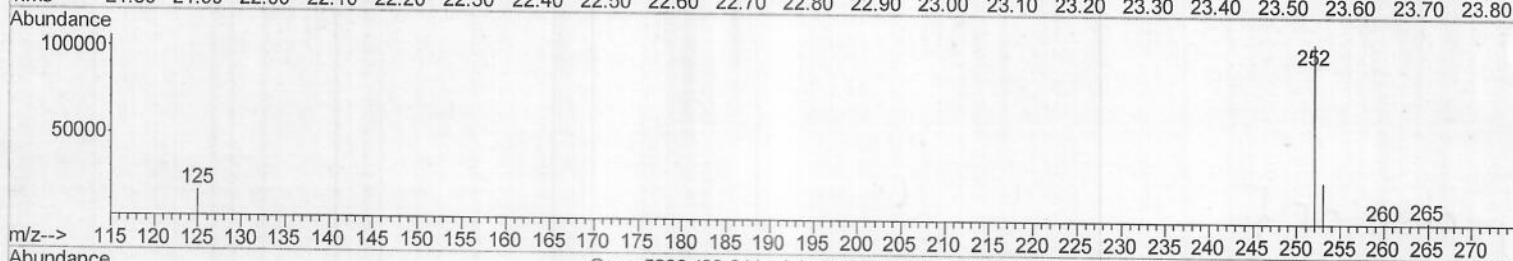
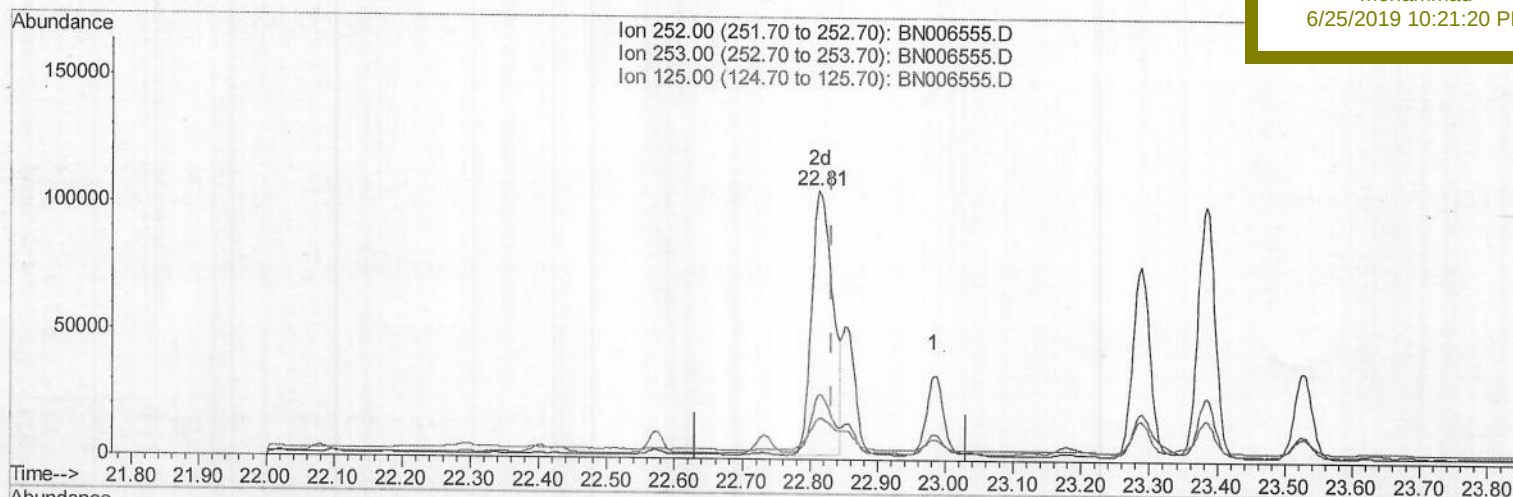
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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 :
 A4215

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:20 PM



(21) Benzo(b)fluoranthene

22.814min (-0.017) 4.27ng/ul m

> JU 06/27/19

response 221629

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.14
125.00	20.50	15.41
0.00	0.00	0.00

Quantitation Report (Qedit)

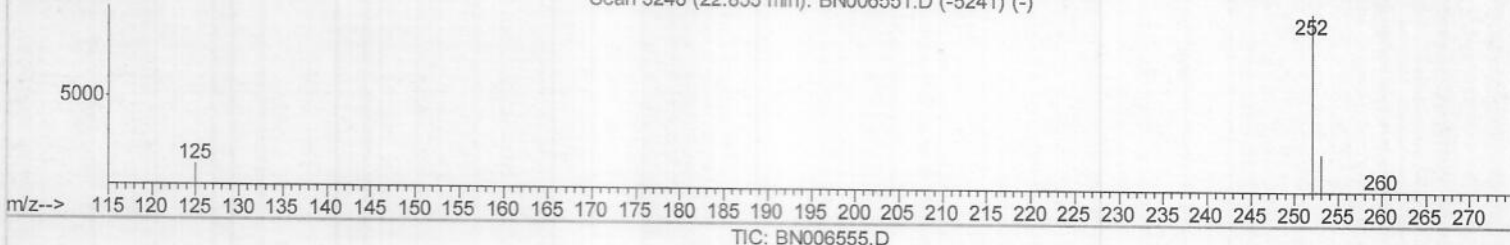
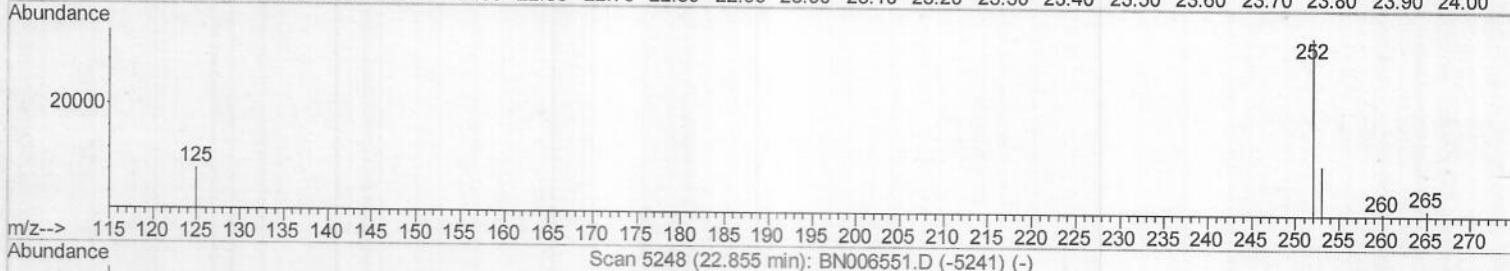
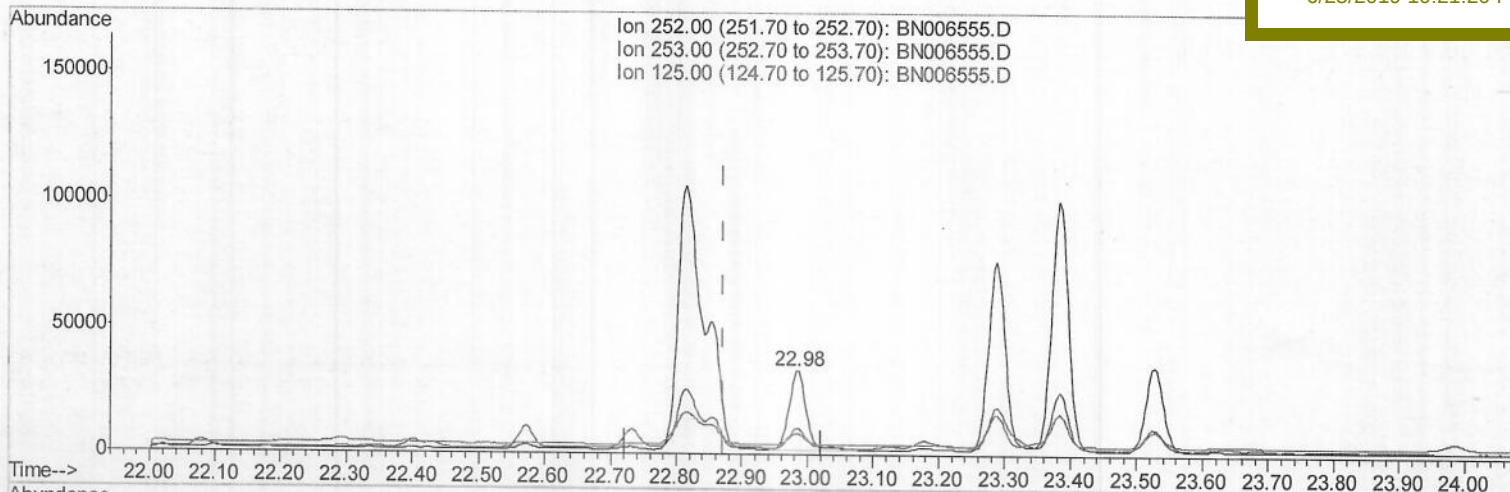
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4215

Quant Time: Jun 25 07:39:05 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

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:20 PM



(22) Benzo(k)fluoranthene

22.984min (+0.111) 1.14ng/ul

response 57564

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	30.54#
125.00	17.90	24.91#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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

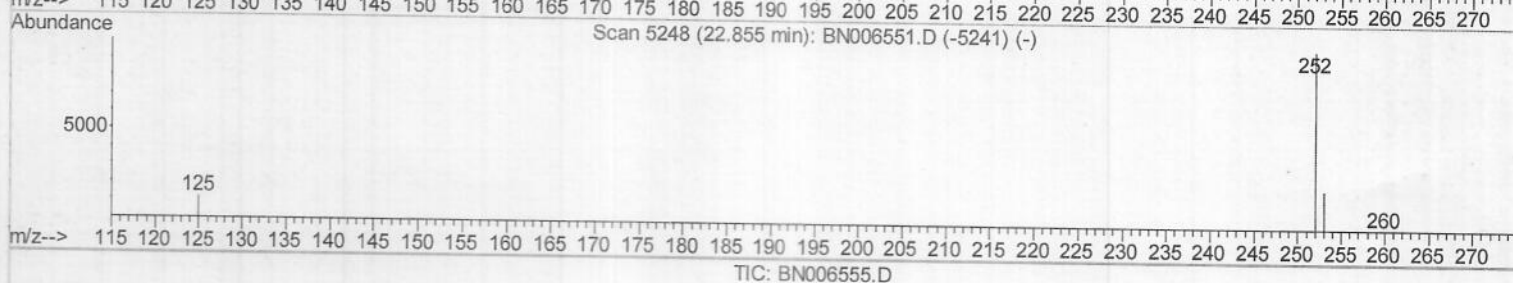
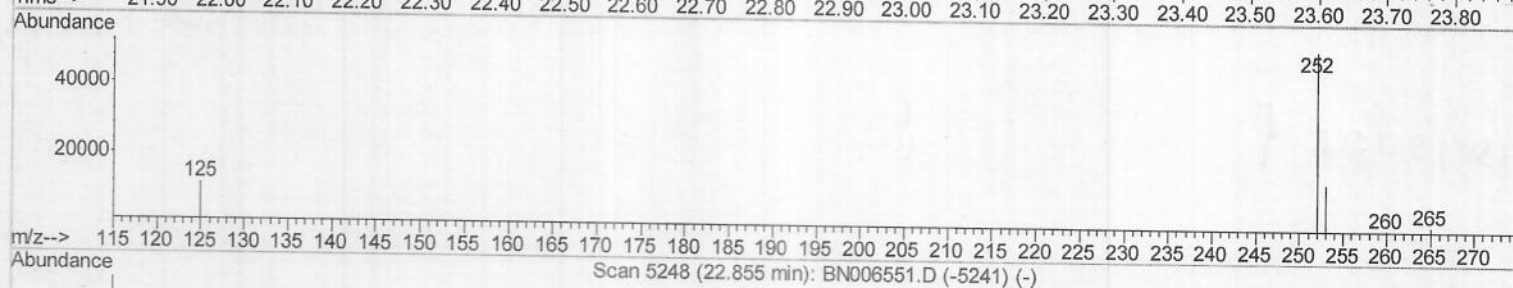
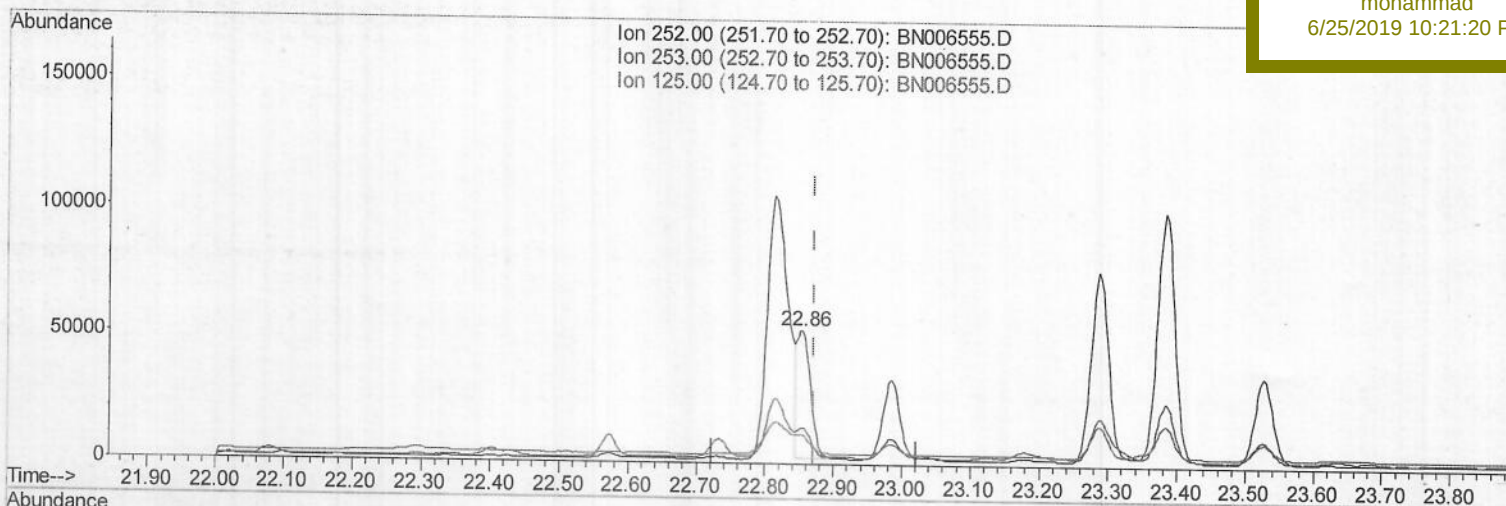
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(22) Benzo(k)fluoranthene

22.855min (-0.017) 1.37ng/ul m > JU 06/27/19

response 69149

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	27.38
125.00	17.90	21.69#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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 :

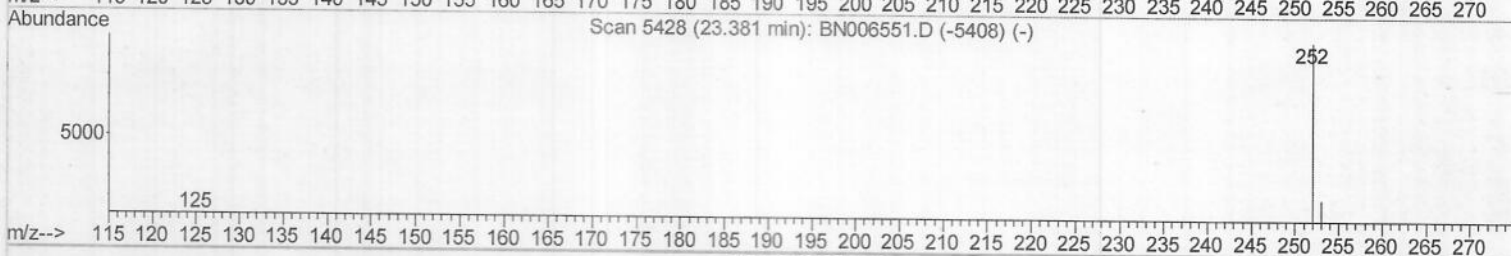
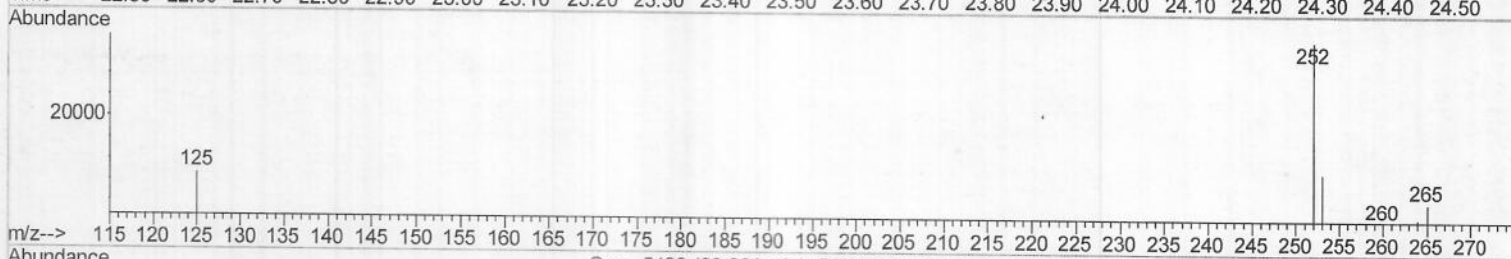
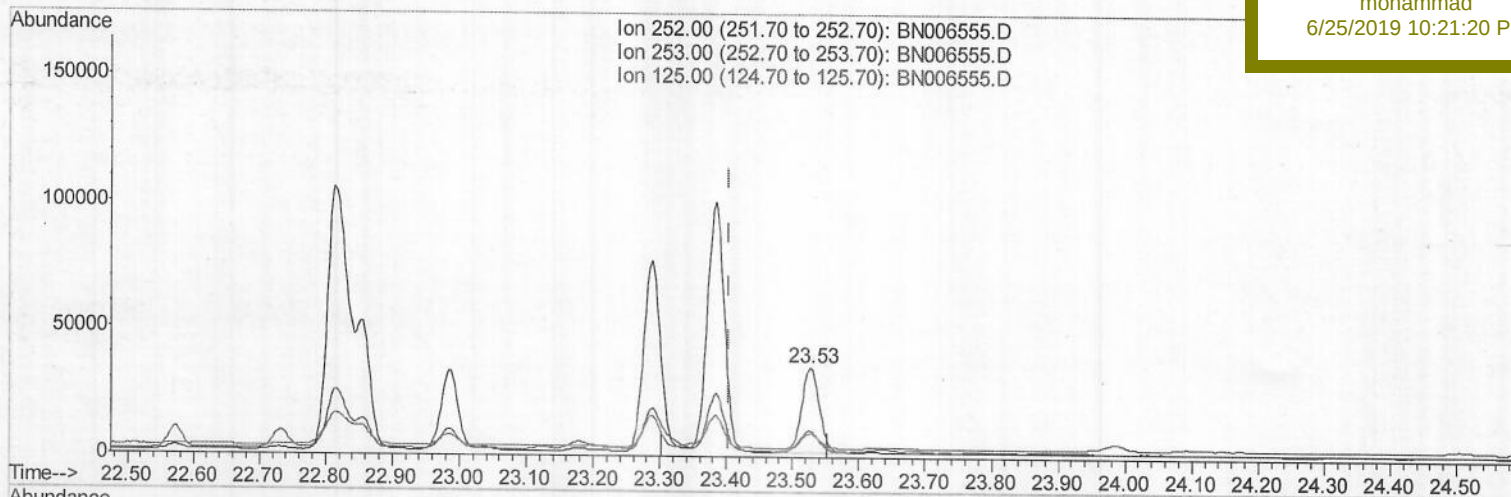
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



(23) Benzo(a)pyrene (C)

23.527min (+0.123) 1.28ng/ul

response 62019

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	29.44
125.00	25.40	27.01
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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

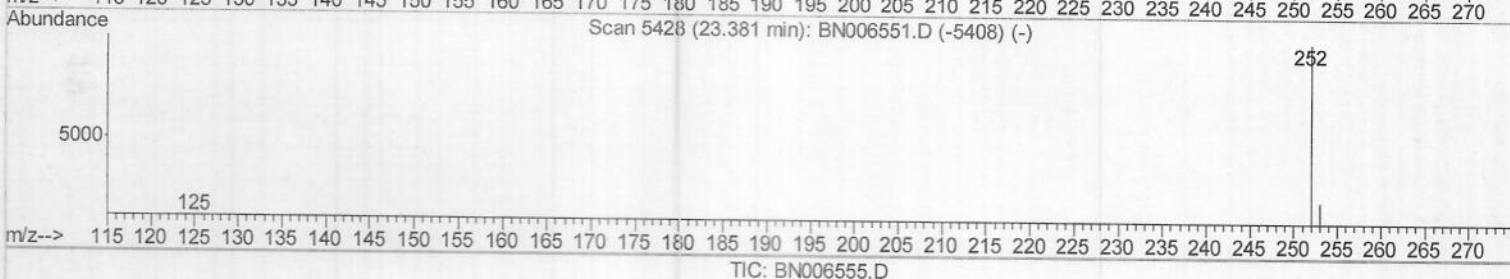
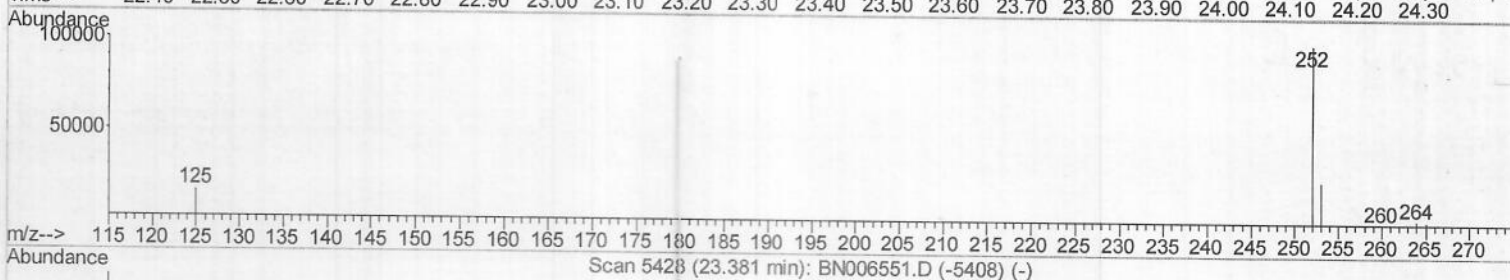
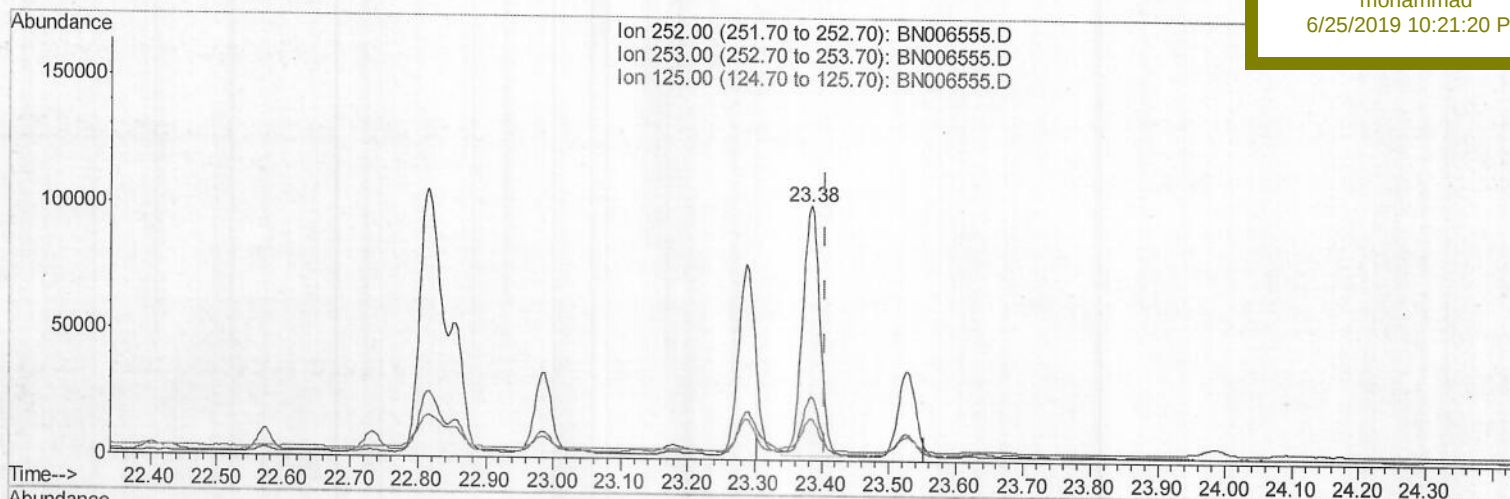
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(23) Benzo(a)pyrene (C)

23.384min (-0.020) 3.65ng/ul m

response 176640

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	24.73
125.00	25.40	16.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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 :

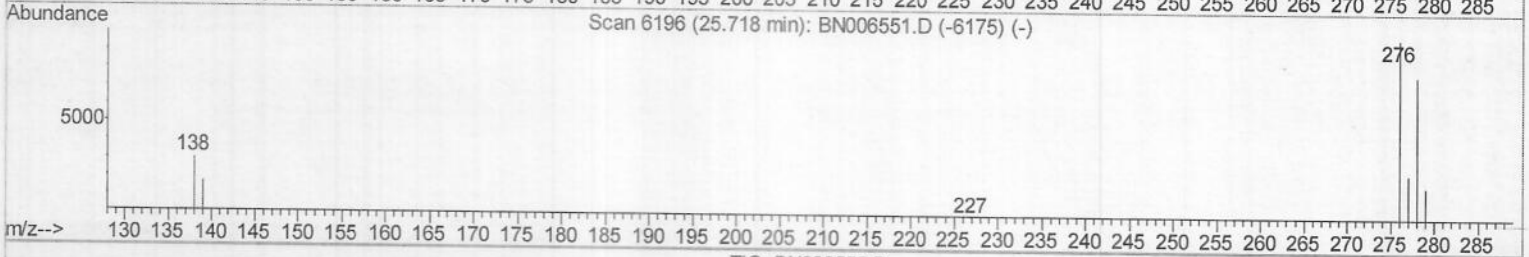
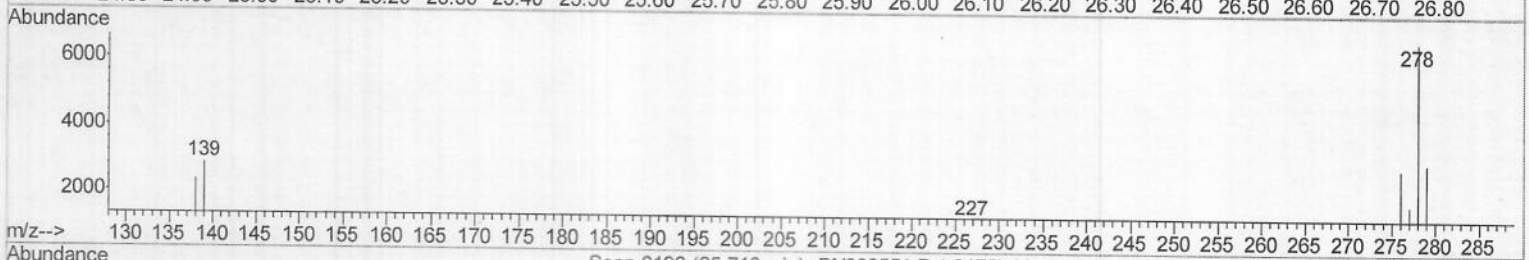
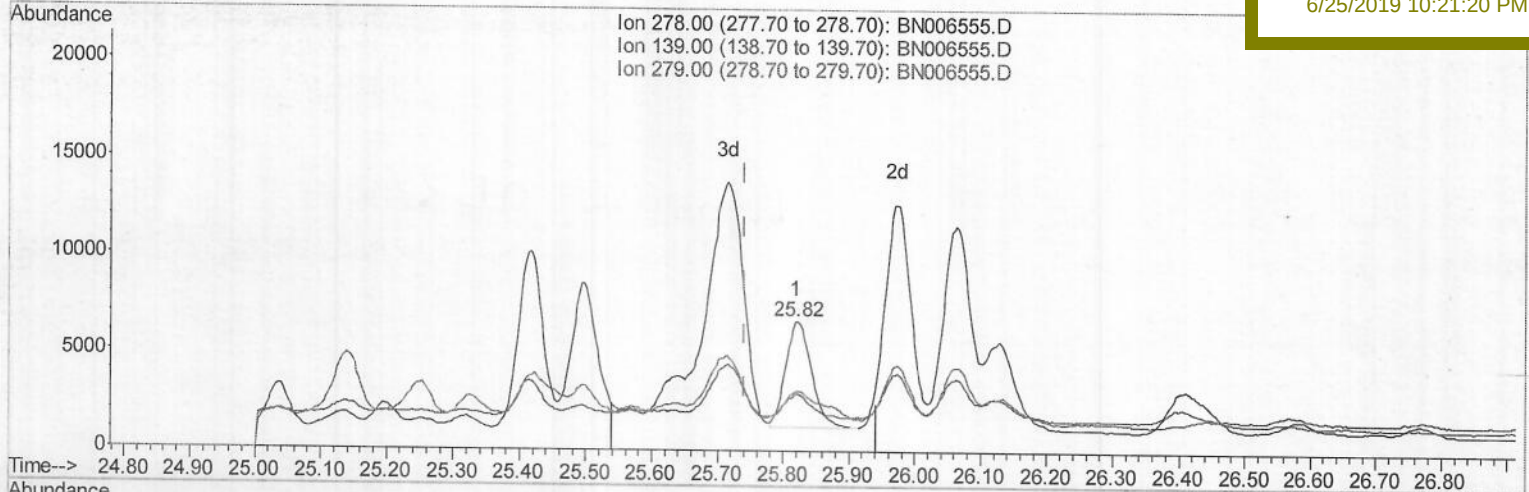
A4215

Manual Integrations

APPROVED

mohammad

6/25/2019 10:21:20 PM



(25) Dibenzo(a,h)anthracene

25.819min (+0.077) 0.36ng/ul

response 14886

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	43.08#
279.00	28.20	45.54#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:39:05 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

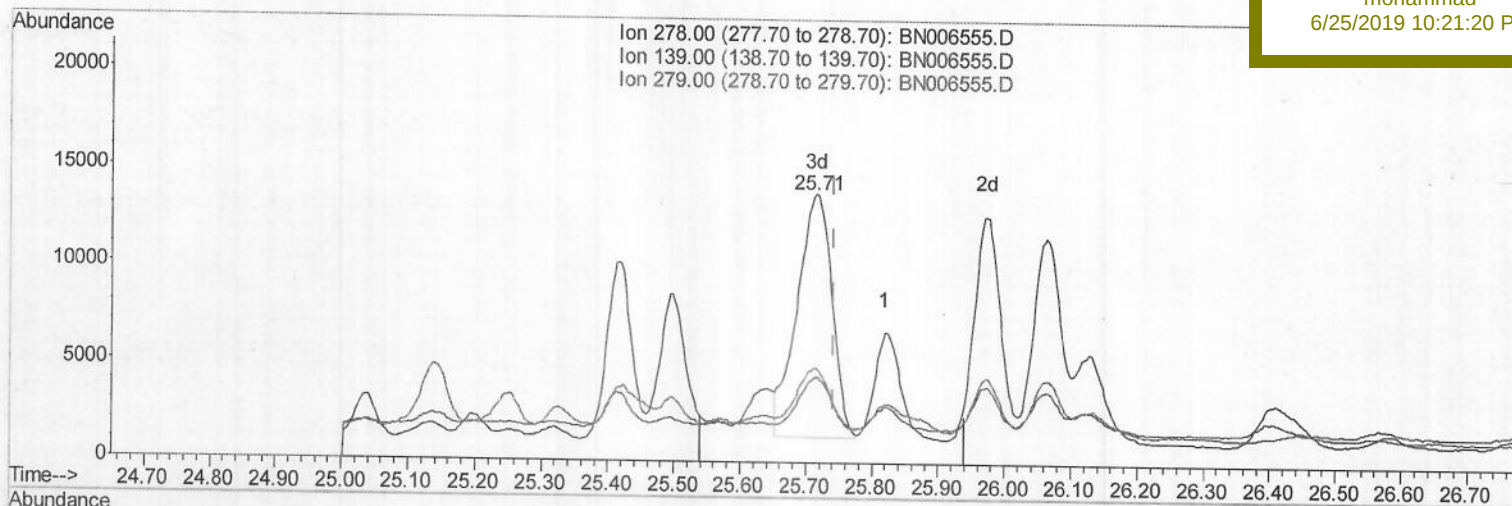
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

(25) Dibenzo(a,h)anthracene

25.715min (-0.027) 1.10ng/ul m

response 45958

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	31.69
279.00	28.20	34.97#
0.00	0.00	0.00

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

Data File : BN006555.D

Acq On : 25 Jun 2019 05:16

Operator : HP/JU

Sample : K3388-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 25 07:40:55 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 :

A4215

Manual Integrations
APPROVEDmohammad
6/25/2019 10:21:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5754	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20254	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17336m7	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10956m7	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	12461m7	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	4622	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	9299m7	0.20	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.46	128	15976	0.286	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	8023	0.206	ng/ul	99
7) Acenaphthylene	14.00	152	63444	1.202	ng/ul	99
8) Acenaphthene	14.34	153	8834	0.241	ng/ul	99
9) Fluorene	15.34	166	12199	0.285	ng/ul	96
12) Phenanthrene	17.08	178	121286m7	2.179	ng/ul	
13) Anthracene	17.17	178	48105m7	0.905	ng/ul	
15) Fluoranthene	19.10	202	202063m7	3.288	ng/ul	
17) Pyrene	19.47	202	180497	3.128	ng/ul	99
18) Benzo(a)anthracene	21.24	228	95022m7	1.961	ng/ul	
19) Chrysene	21.29	228	96698	2.126	ng/ul	94
21) Benzo(b)fluoranthene	22.81	252	221629m7	4.265	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	69149m7	1.366	ng/ul	
23) Benzo(a)pyrene	23.38	252	176640m7	3.650	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	196015	3.742	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.71	278	45958m7	1.098	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	211431	4.819	ng/ul	95

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

JU
06/27/19