

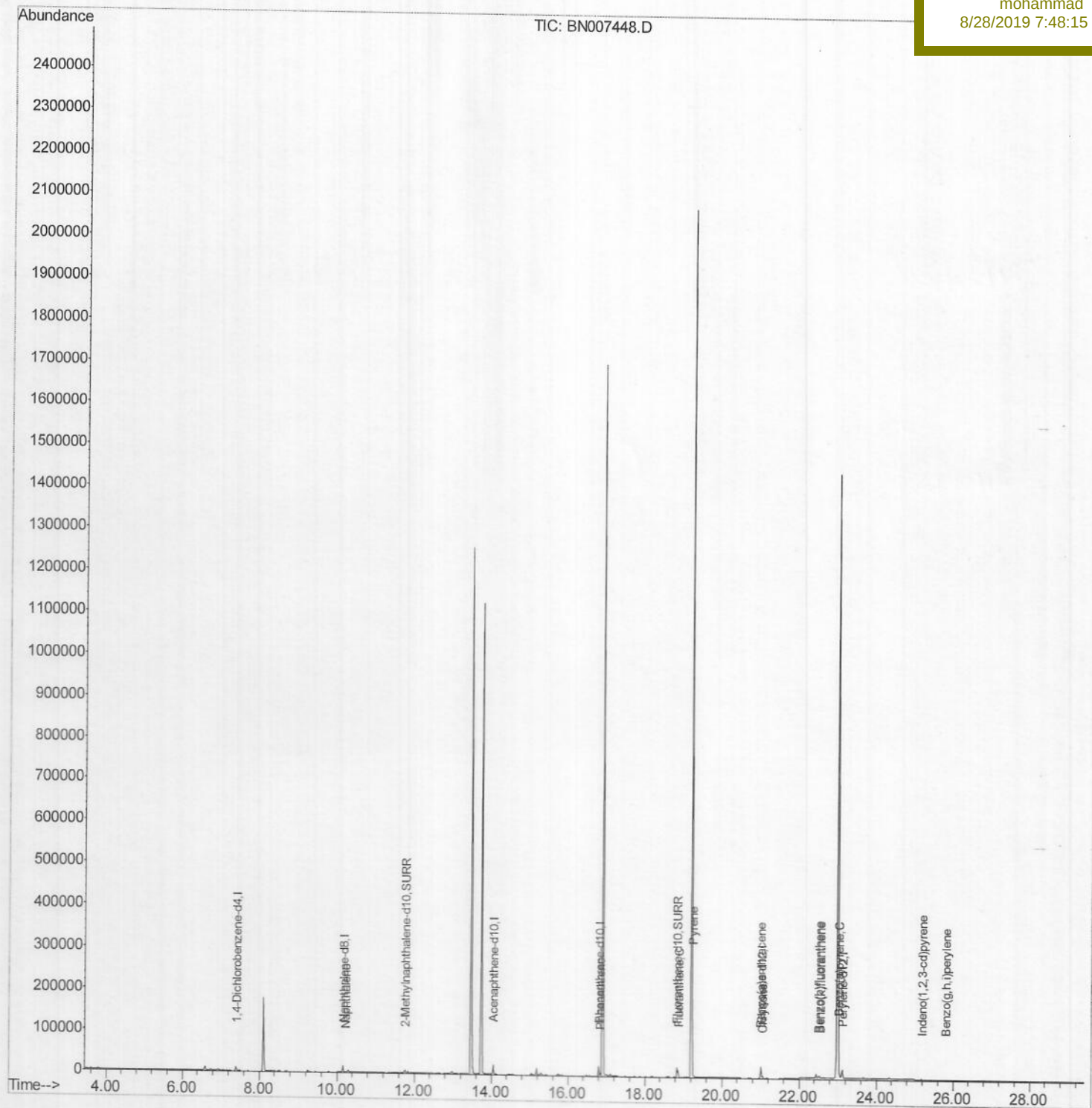
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007448.D
Acq On : 28 Aug 2019 00:53
Operator : HP/JU
Sample : K4337-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AG4

Manual Integrations
APPROVED

mohammad
8/28/2019 7:48:15 AM



Quantitation Report (Qedit)

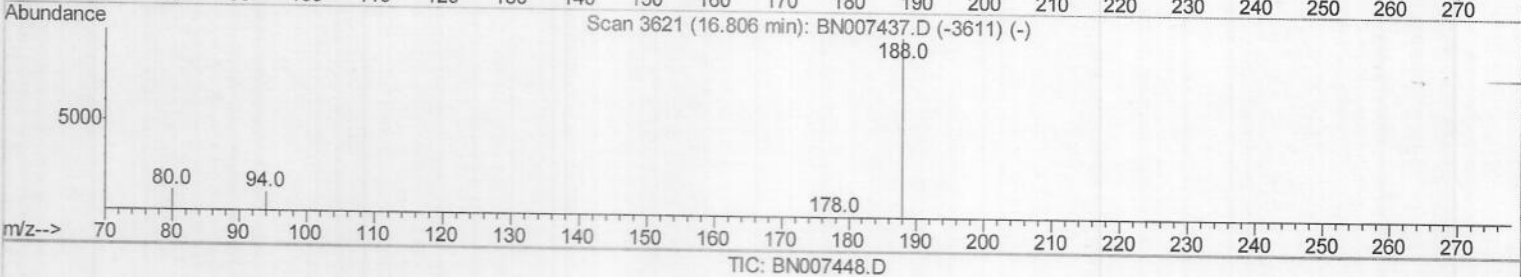
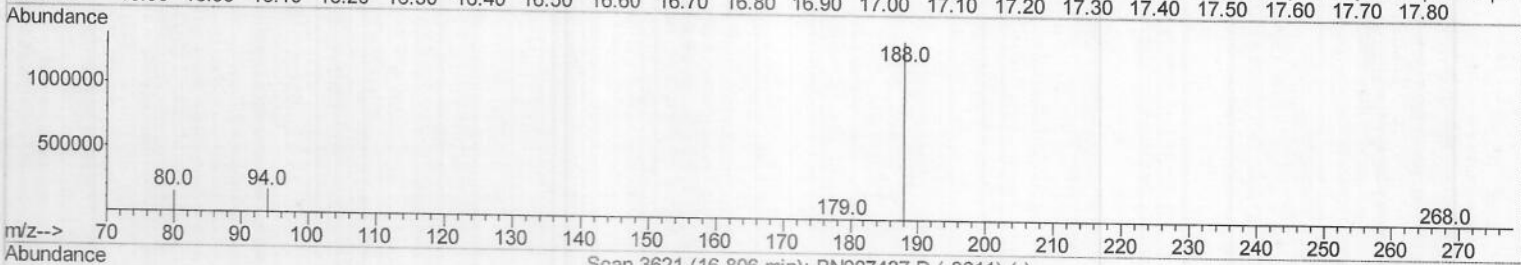
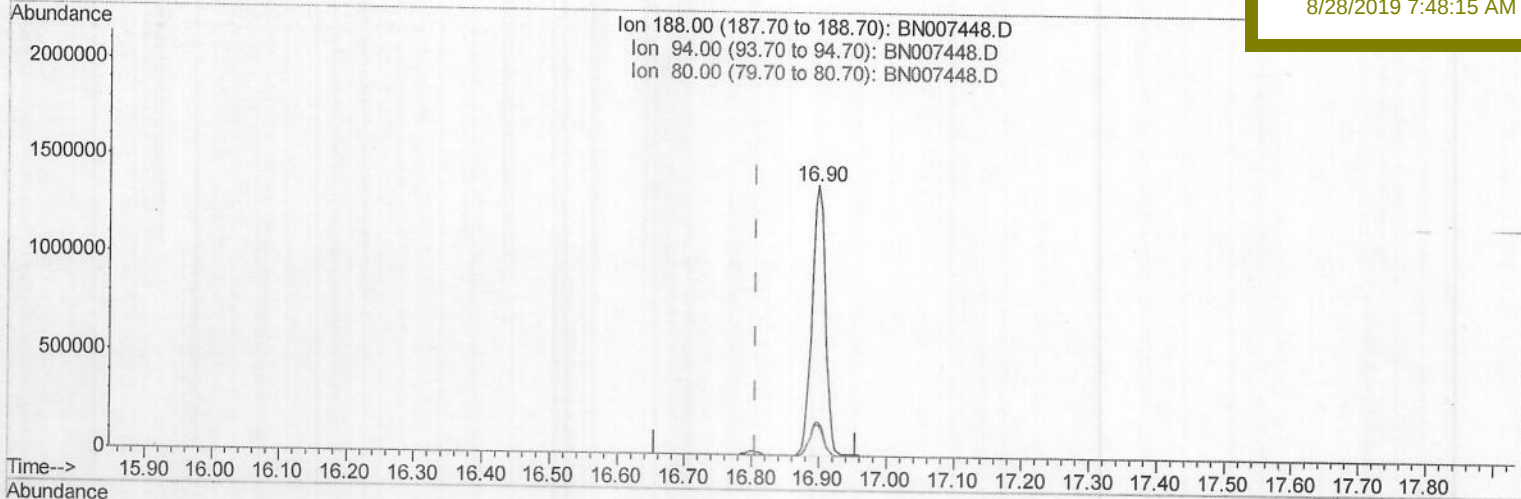
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007448.D
 Acq On : 28 Aug 2019 00:53
 Operator : HP/JU
 Sample : K4337-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 C0AG4

Manual Integrations
APPROVED

mohammad
 8/28/2019 7:48:15 AM



(10) Phenanthrene-d10 (I)
 16.899min (+0.093) 0.40ng/ul
 response 1945519

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.27
80.00	12.40	11.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:37:09 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

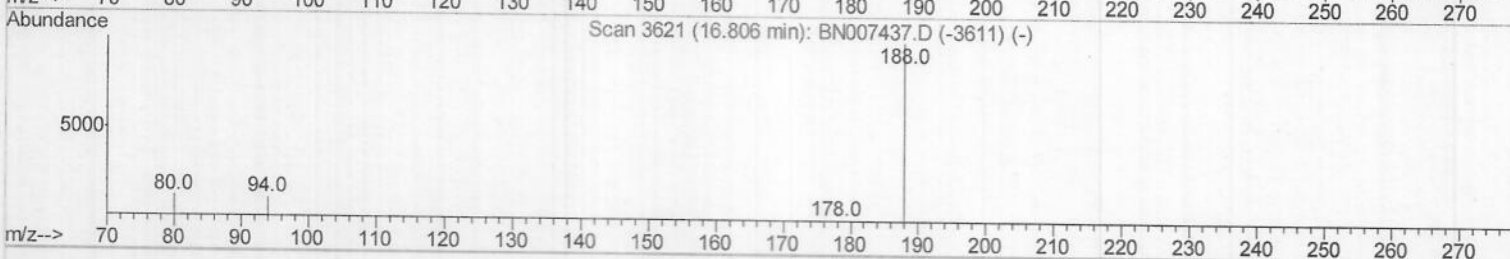
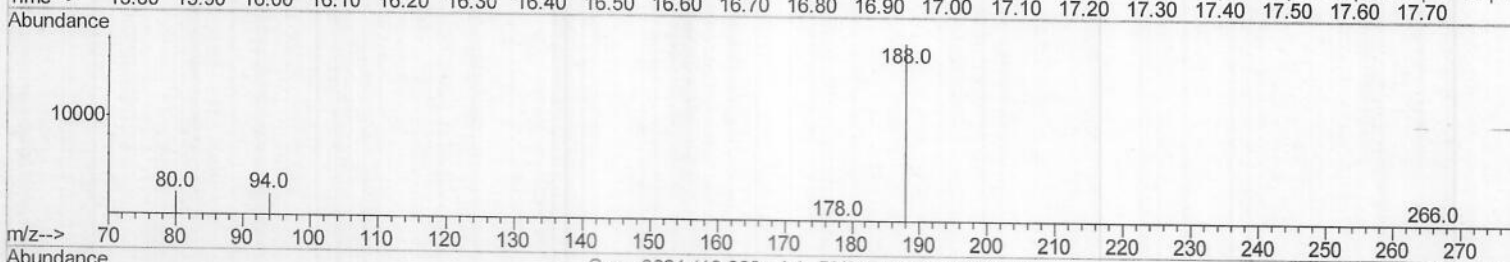
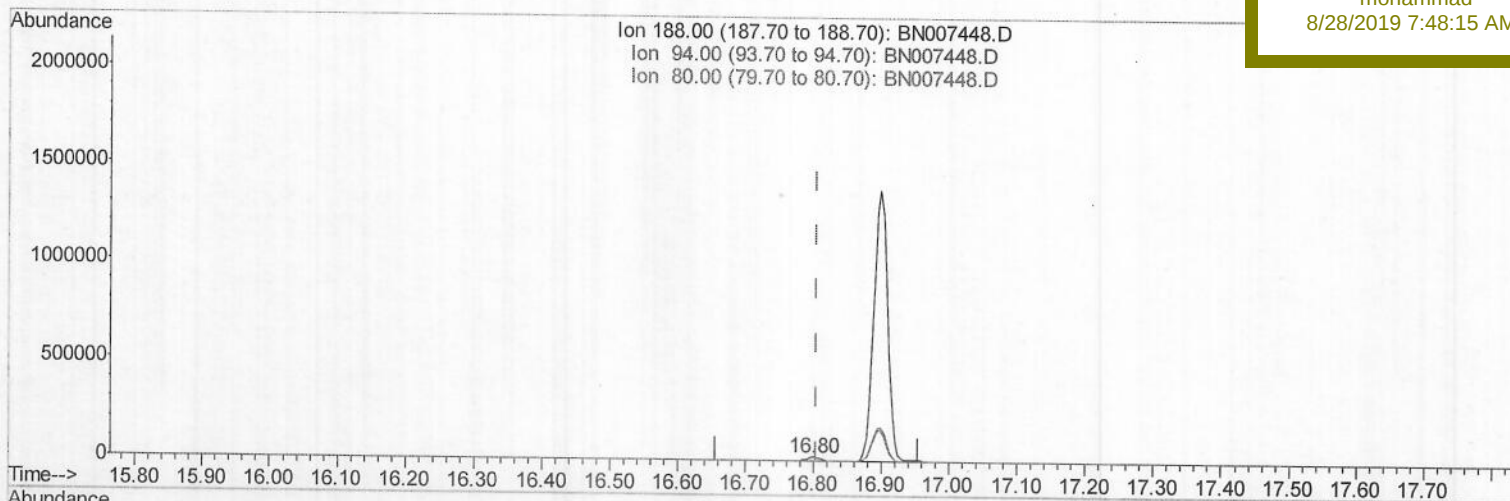
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

TIC: BN007448.D

(10) Phenanthrene-d10 (I)

16.798min (-0.008) 0.40ng/ul m

response 25726

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.01
80.00	12.40	12.61
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

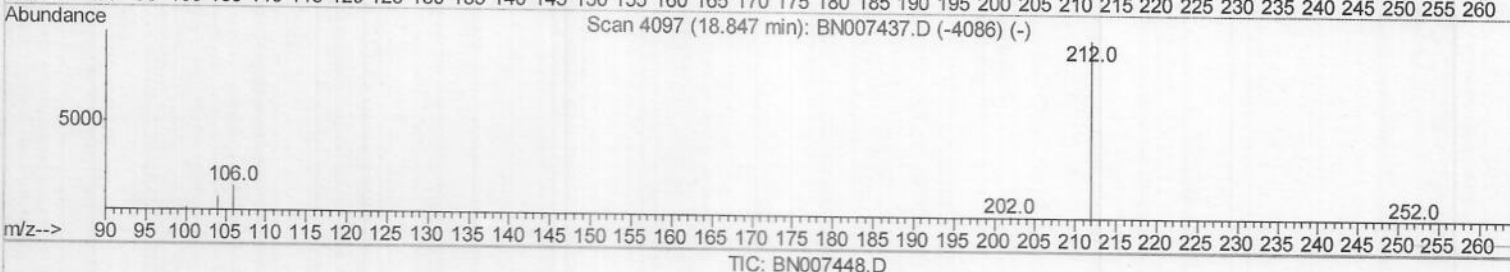
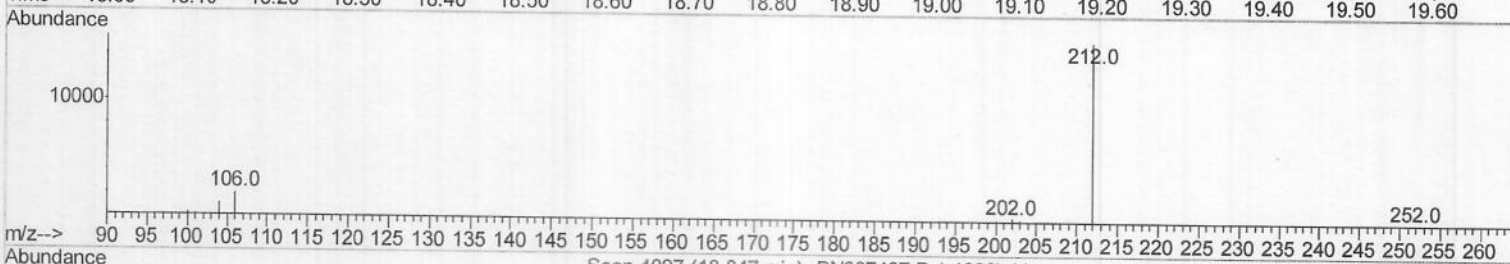
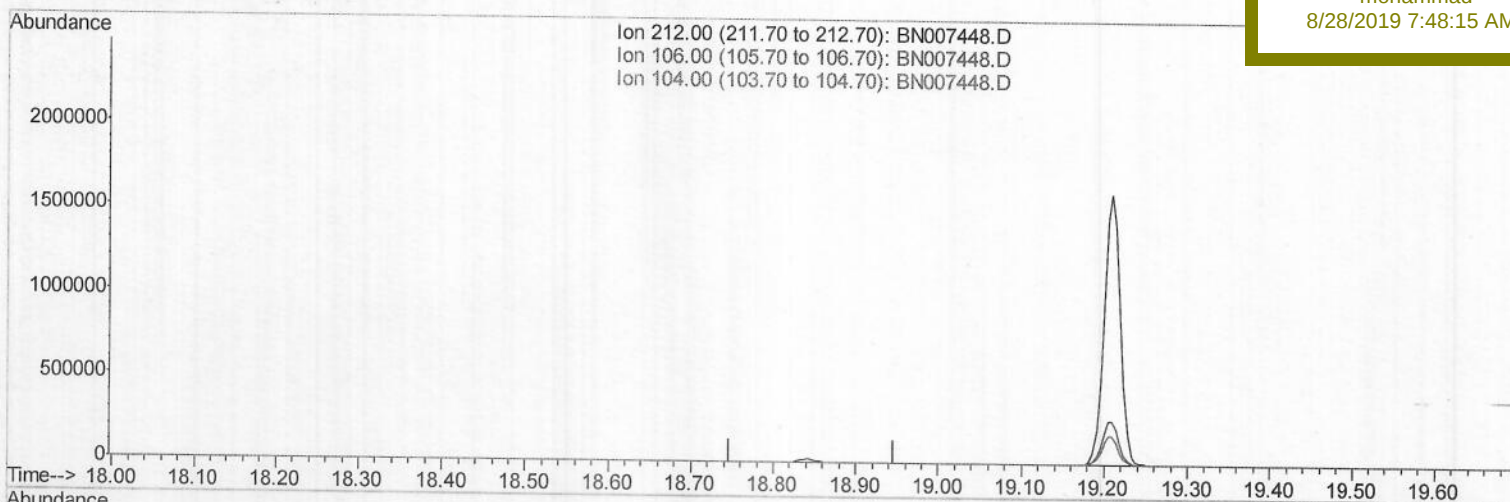
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(14) Fluoranthene-d10 (SURR)

18.847min (-18.847) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

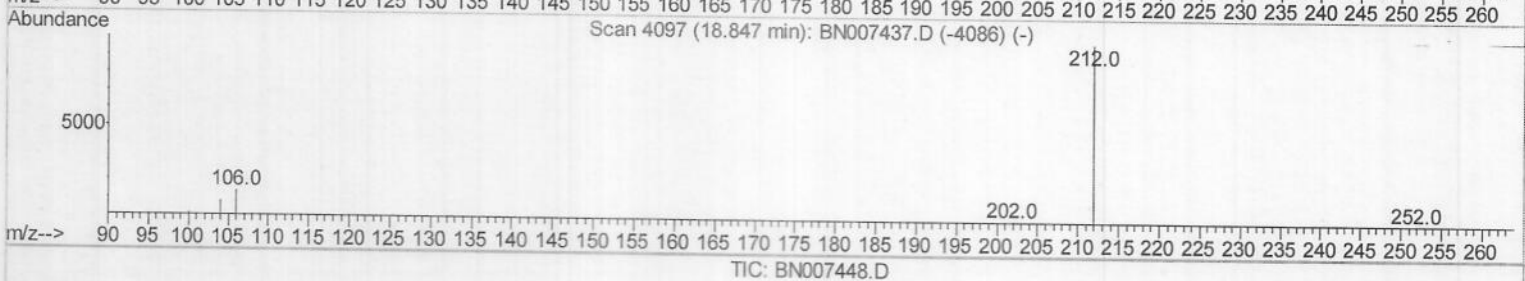
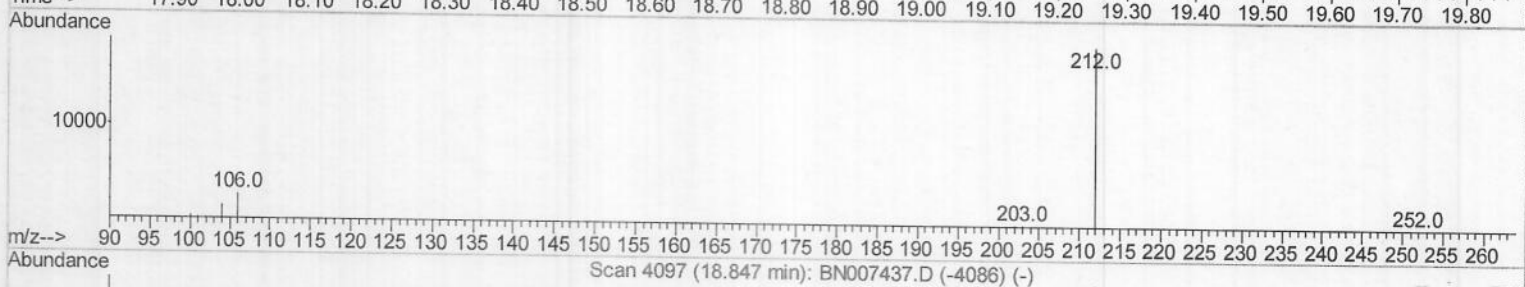
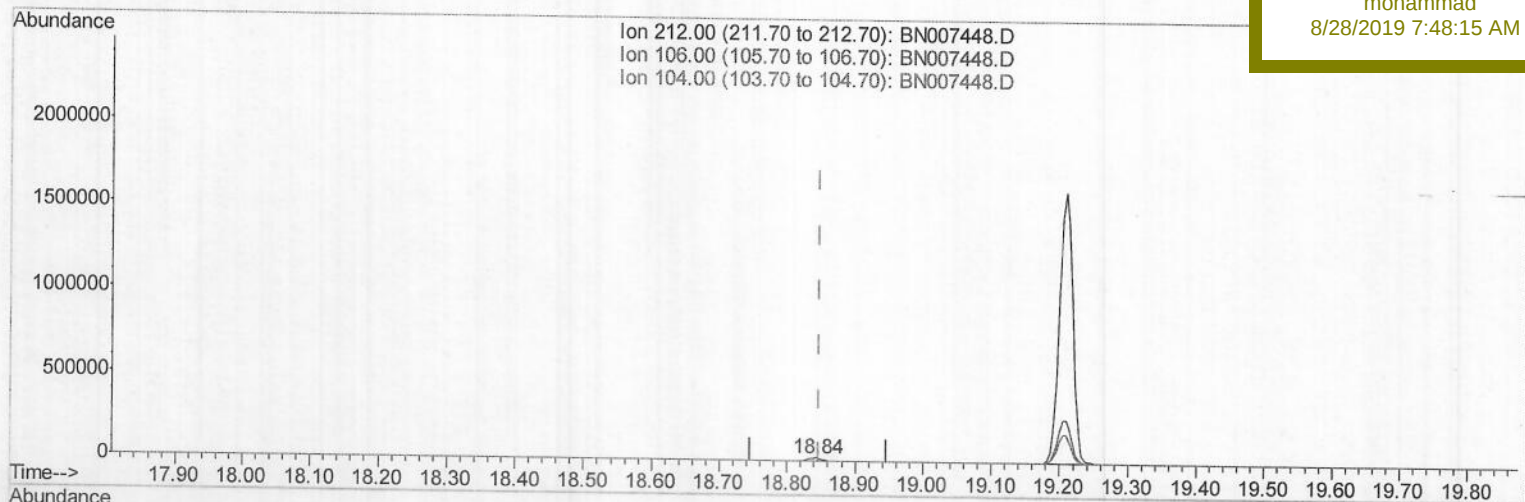
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(14) Fluoranthene-d10 (SURR)

18.842min (-0.005) 0.30ng/ul m

response 25430

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

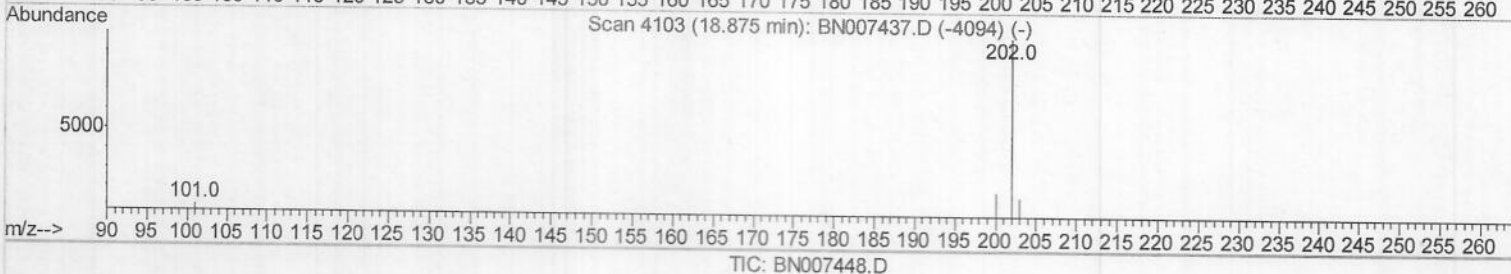
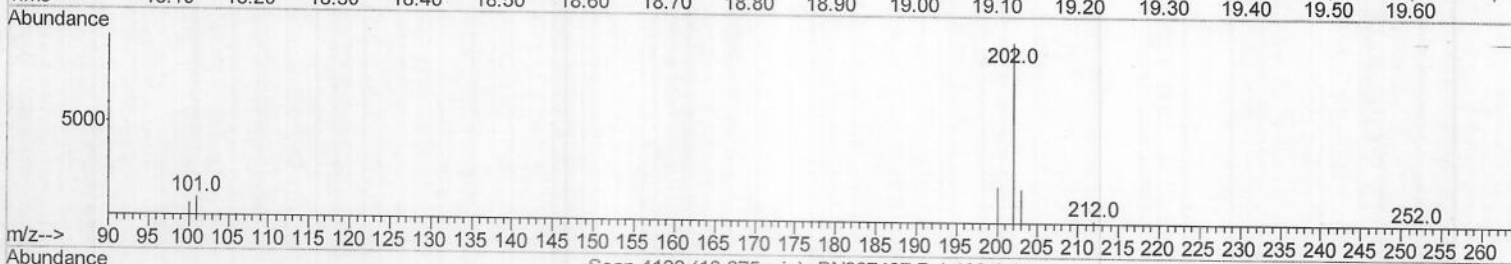
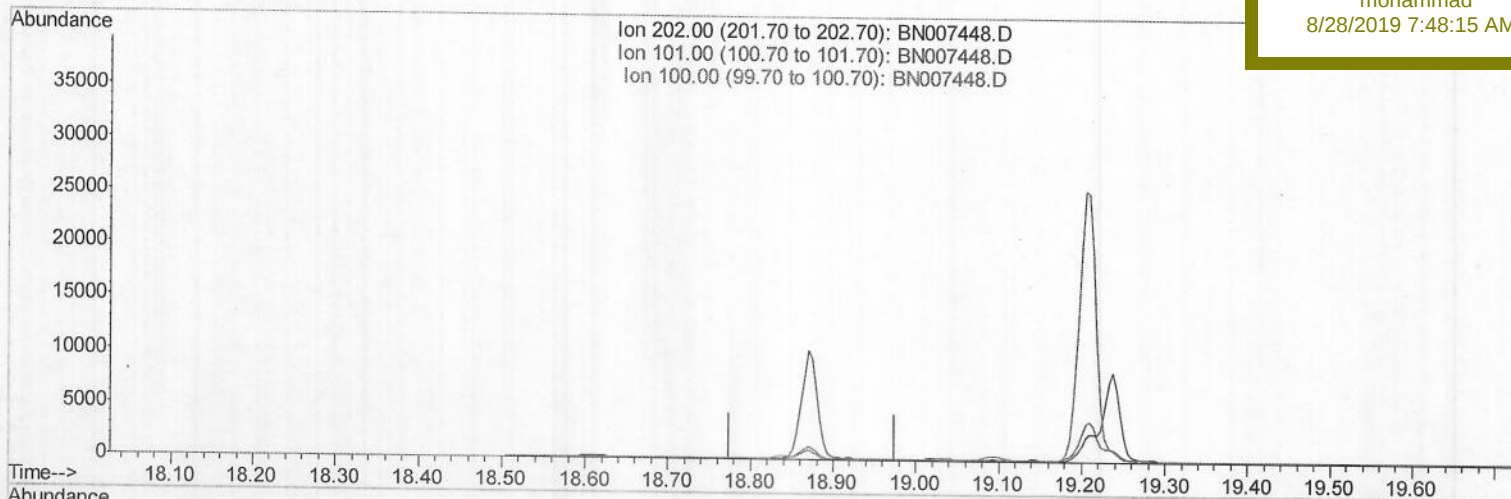
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(15) Fluoranthene (C)

18.875min (-18.875) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	11.30	0.00
100.00	8.50	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

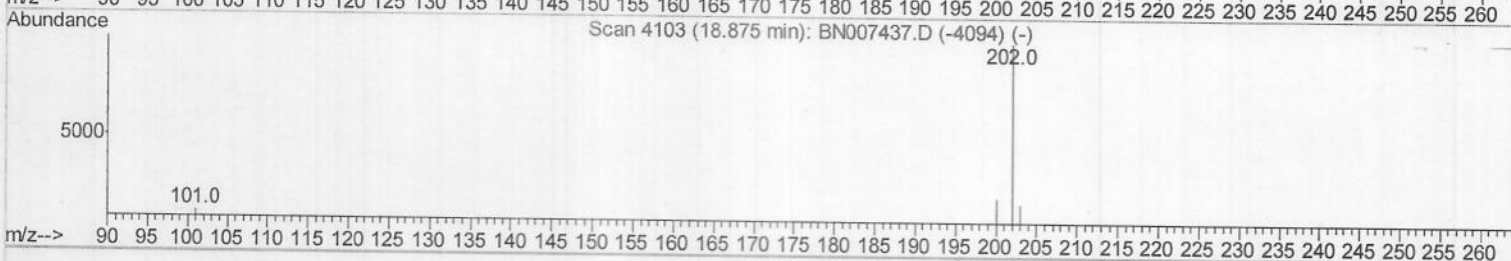
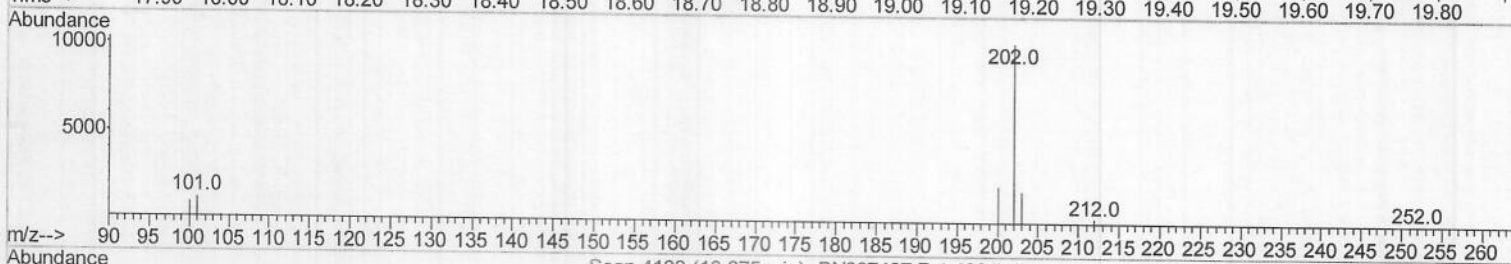
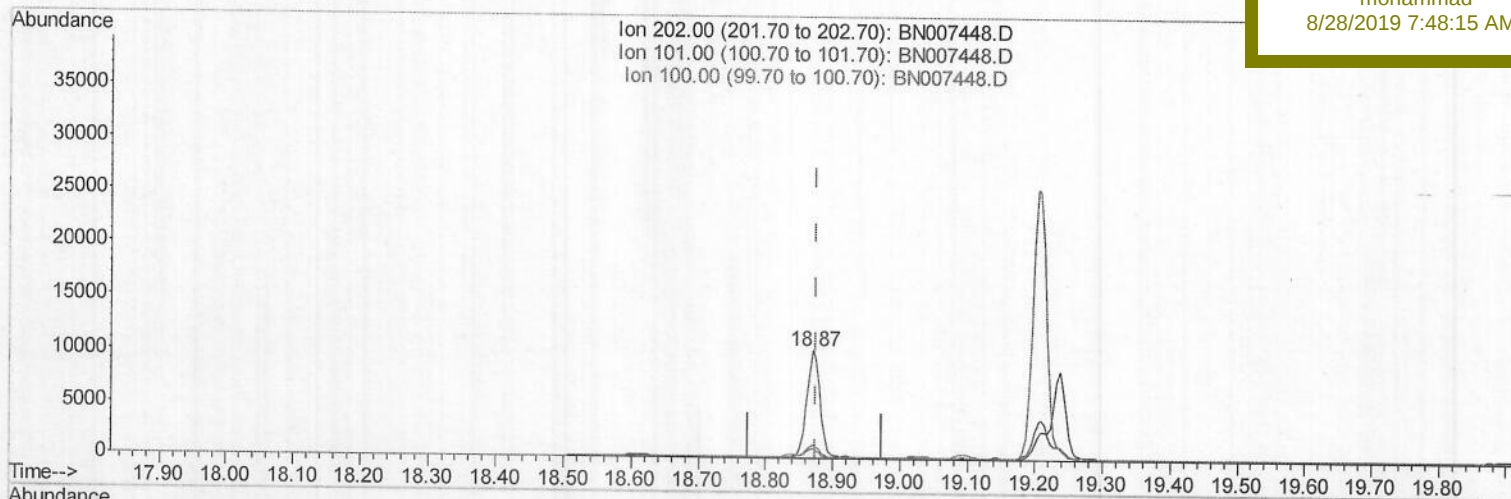
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

TIC: BN007448.D

(15) Fluoranthene (C)

18.870min (-0.005) 0.13ng/ul m

JU
08/28/19

response 13524

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	11.87
100.00	8.50	8.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

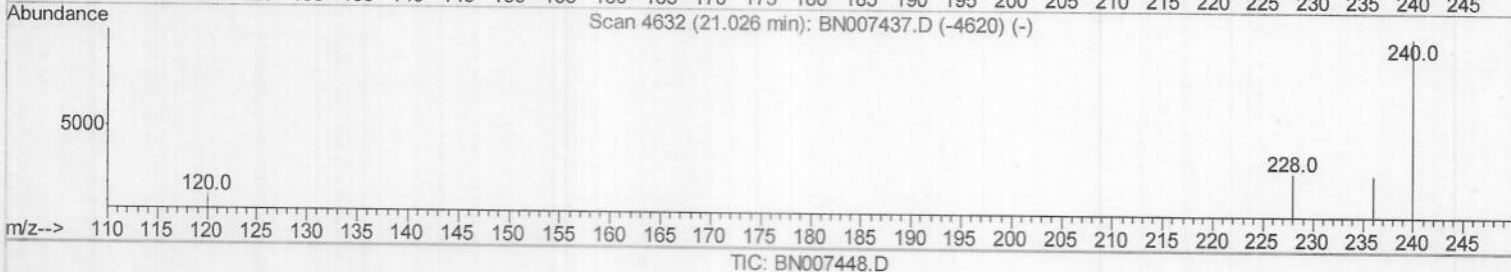
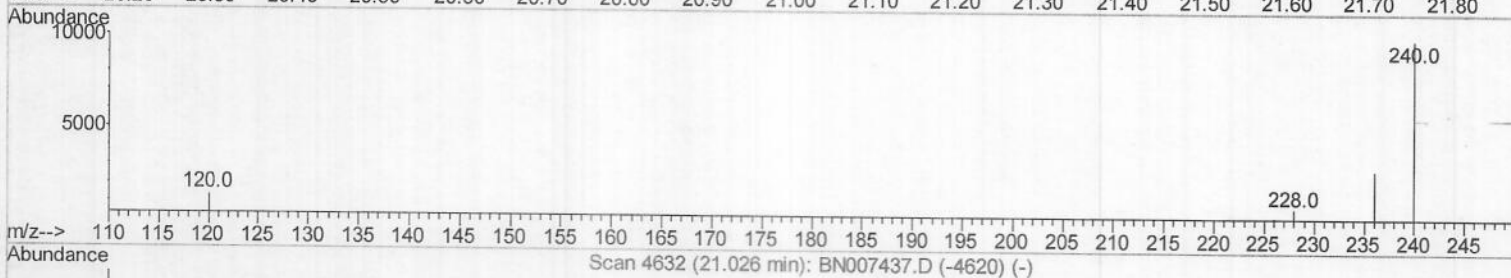
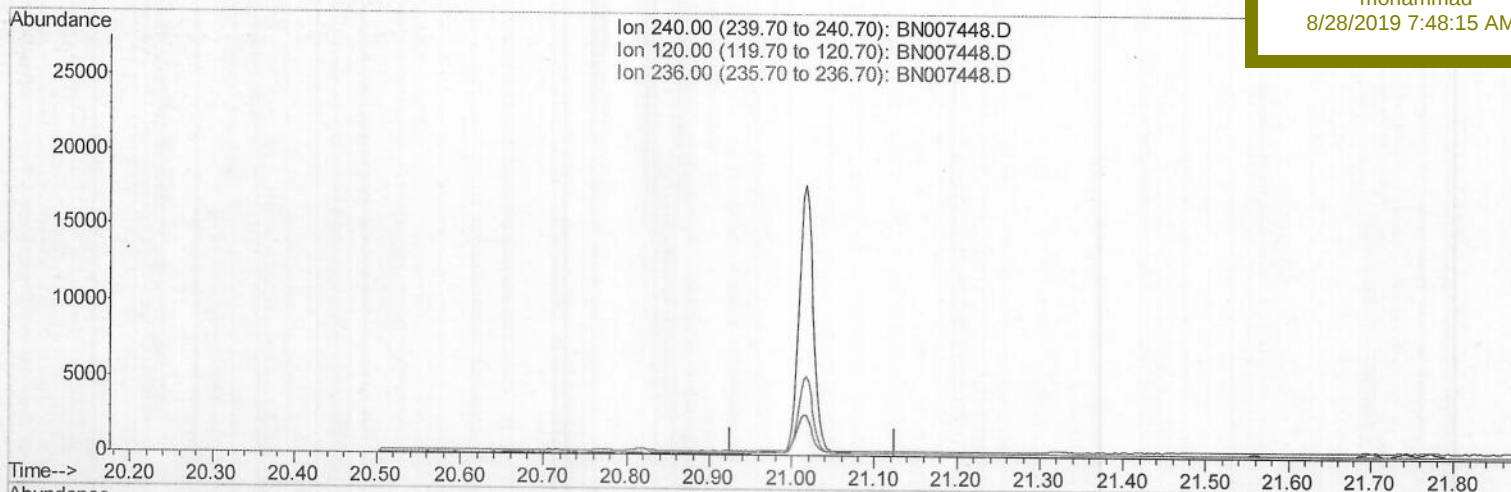
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(16) Chrysene-d12 (I)

21.026min (-21.026) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	15.00	0.00#
236.00	28.60	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:38:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

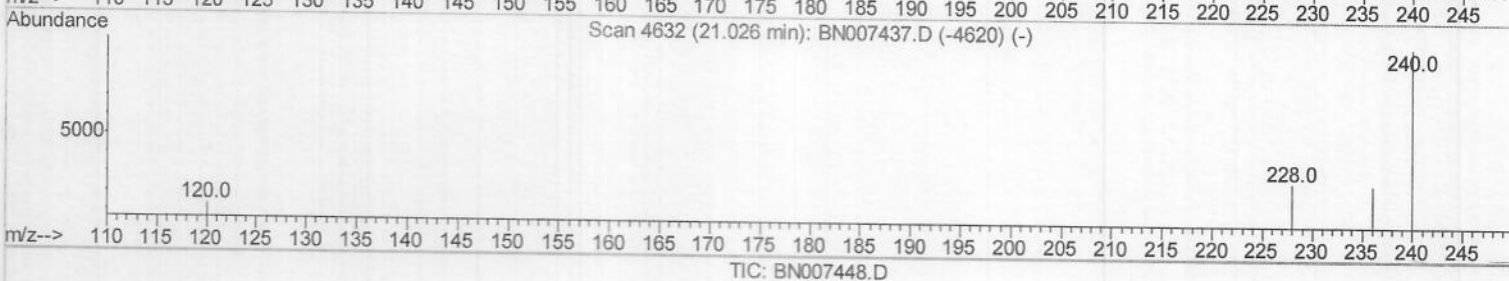
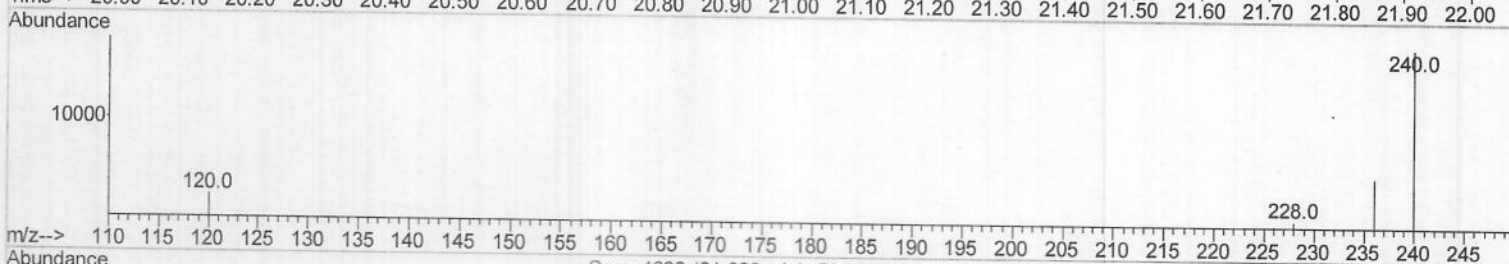
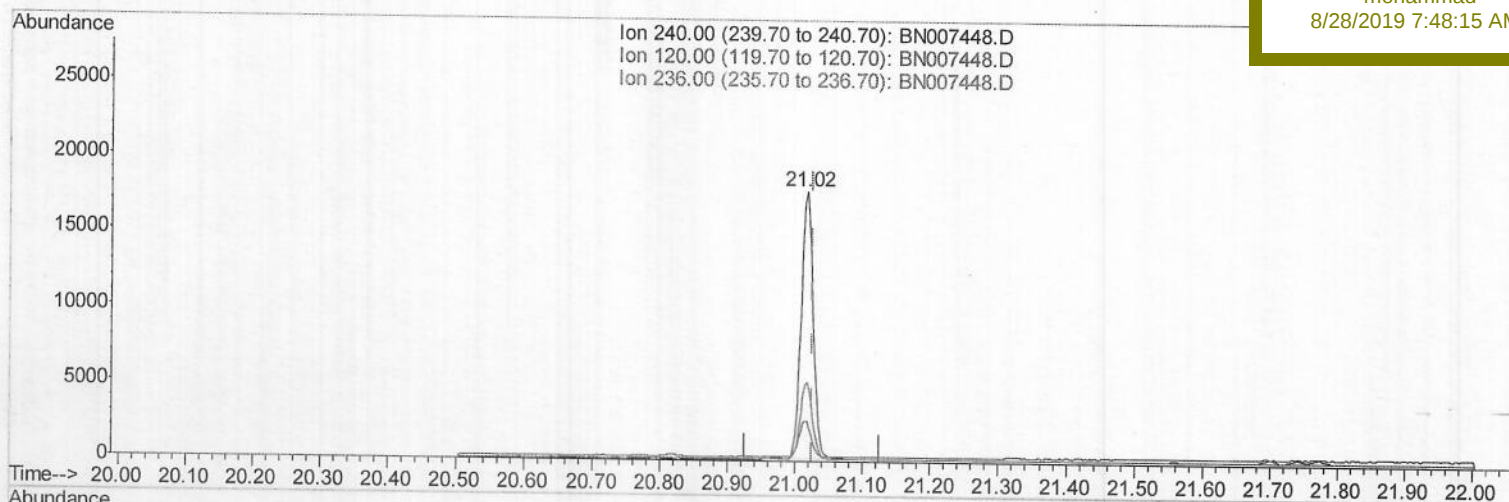
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(16) Chrysene-d12 (I)

21.017min (-0.009) 0.40ng/ul m 08/28/19

response 21908

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	14.91
236.00	28.60	29.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

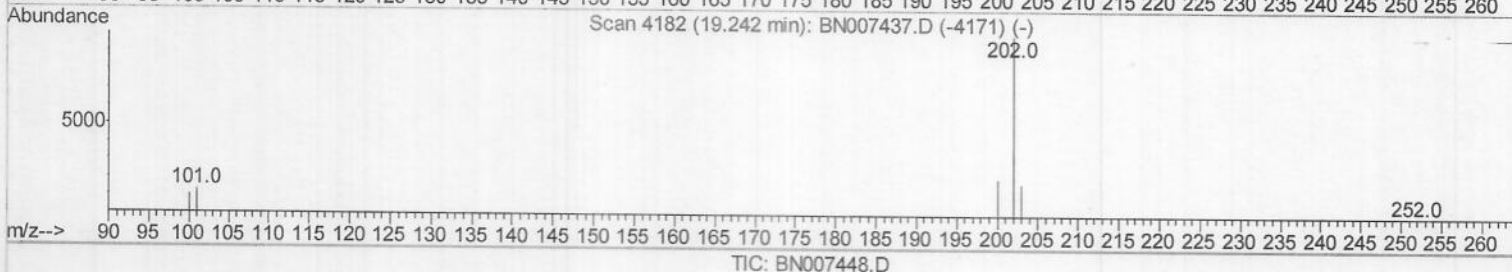
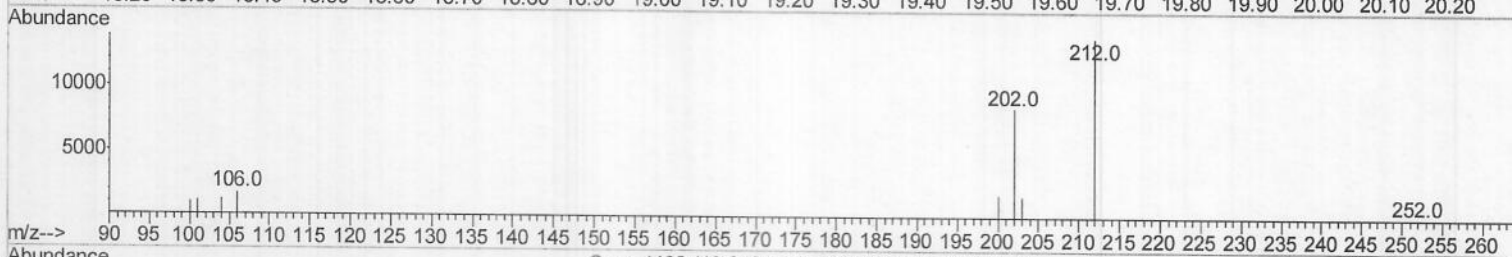
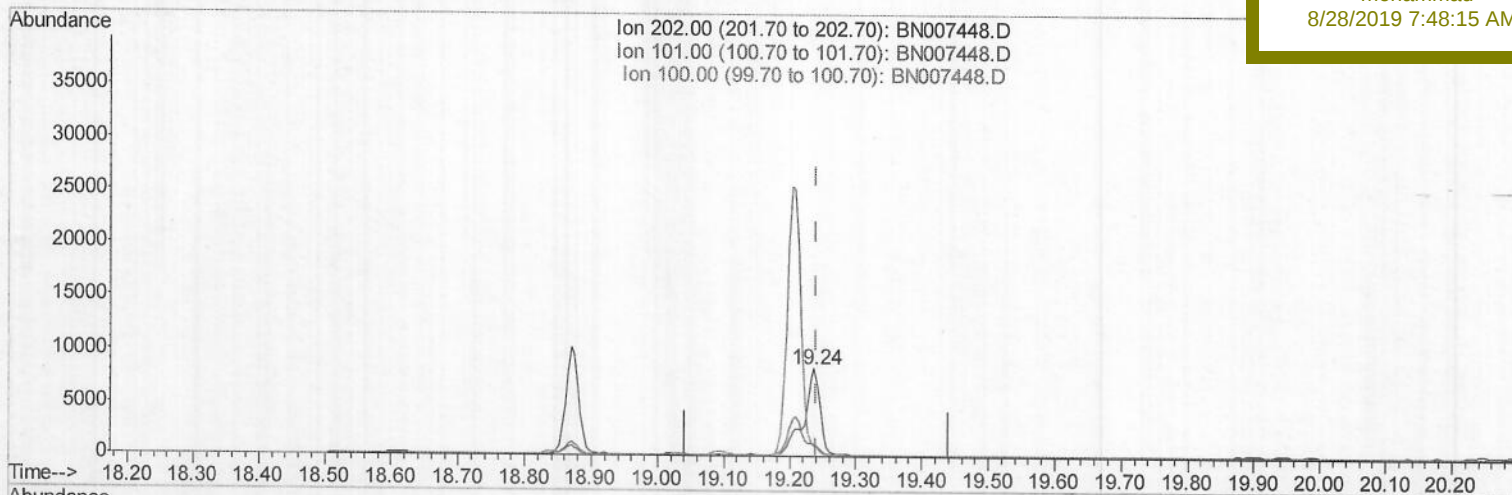
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(17) Pyrene

19.237min (-0.005) 0.13ng/ul

response 14055

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	13.67
100.00	10.70	12.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

OLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

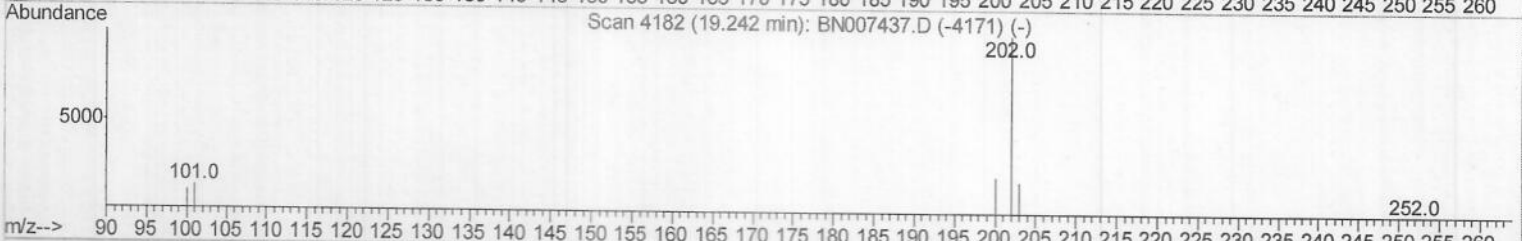
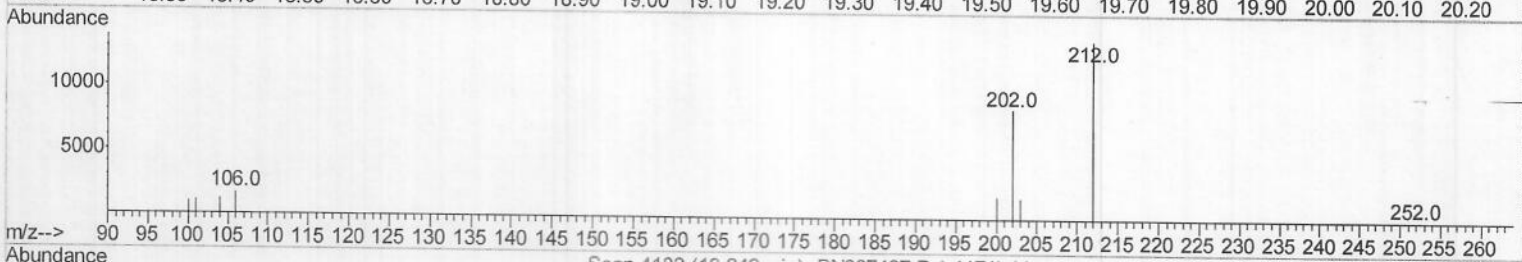
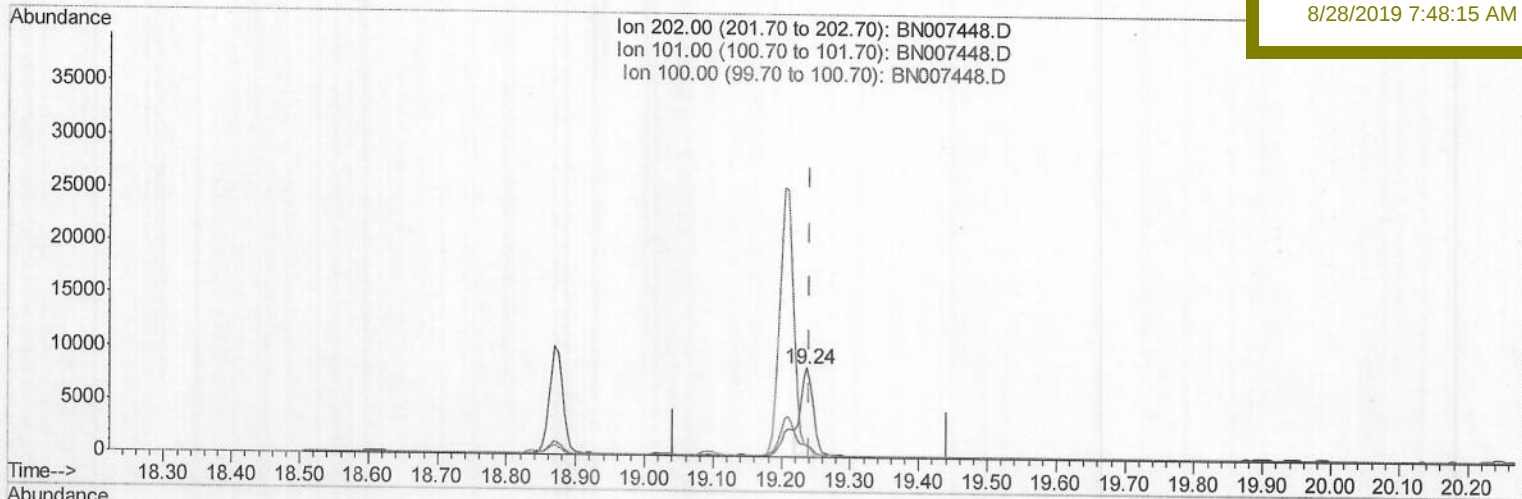
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



TIC: BN007448.D

(17) Pyrene

19.237min (-0.005) 0.09ng/ul m *JU*
08/28/19

response 10179

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	13.67
100.00	10.70	12.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

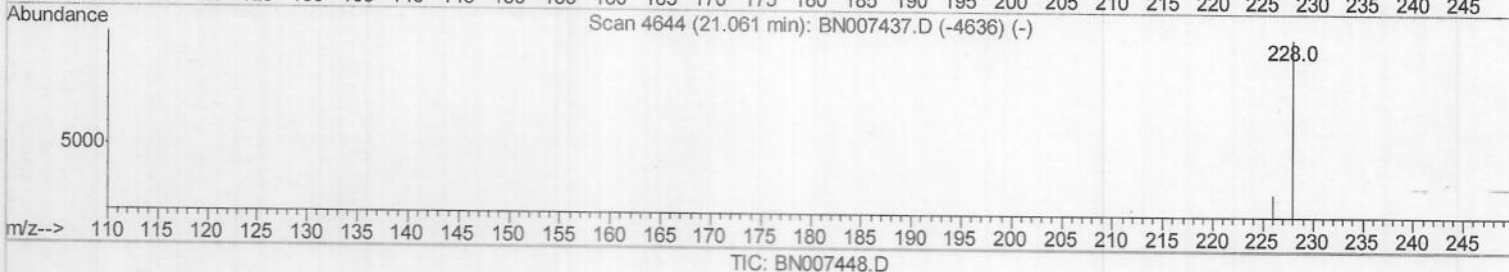
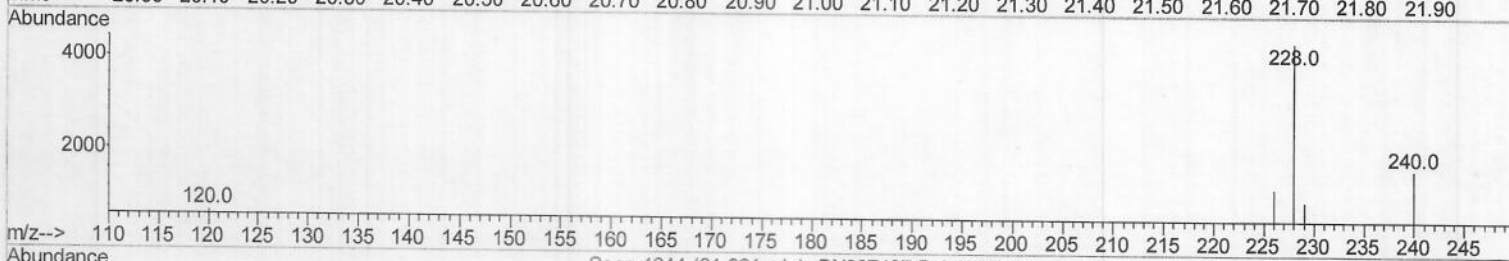
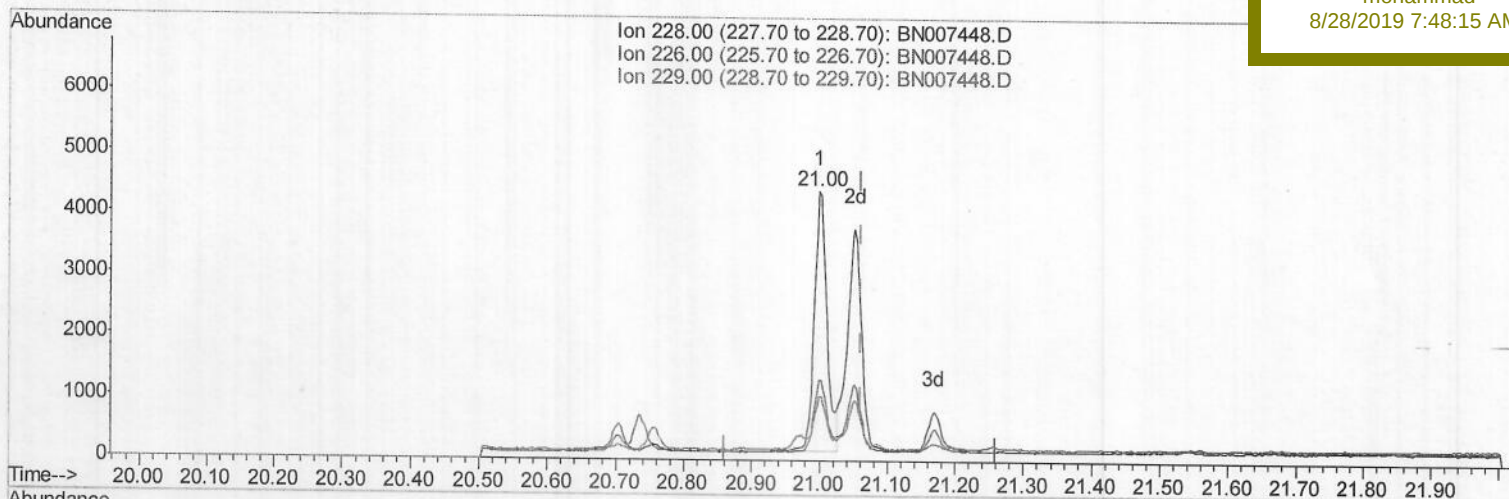
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(19) Chrysene

20.999min (-0.061) 0.05ng/ui

response 5444

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	29.51
229.00	20.10	23.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

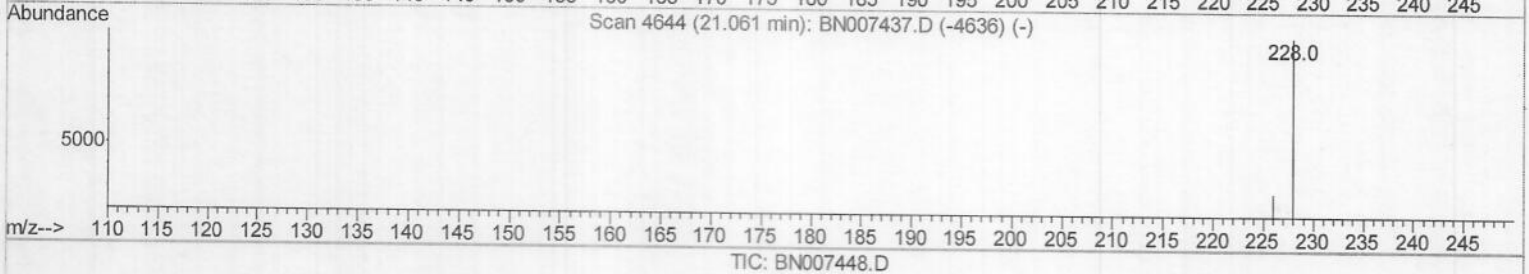
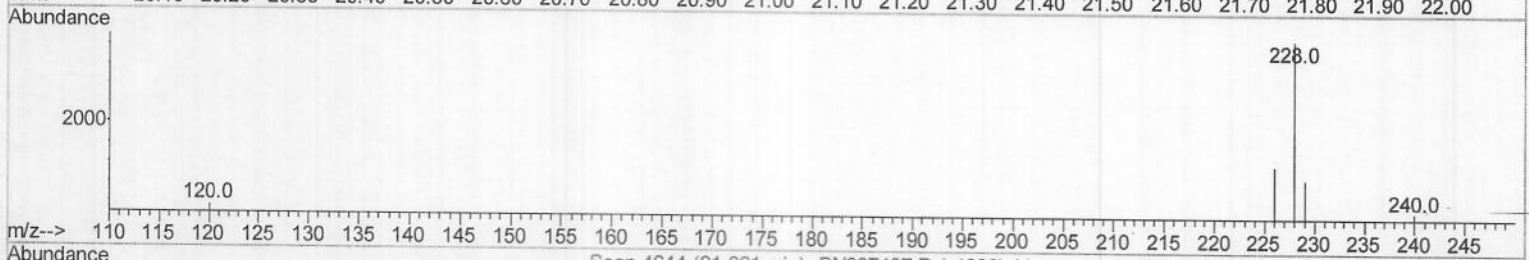
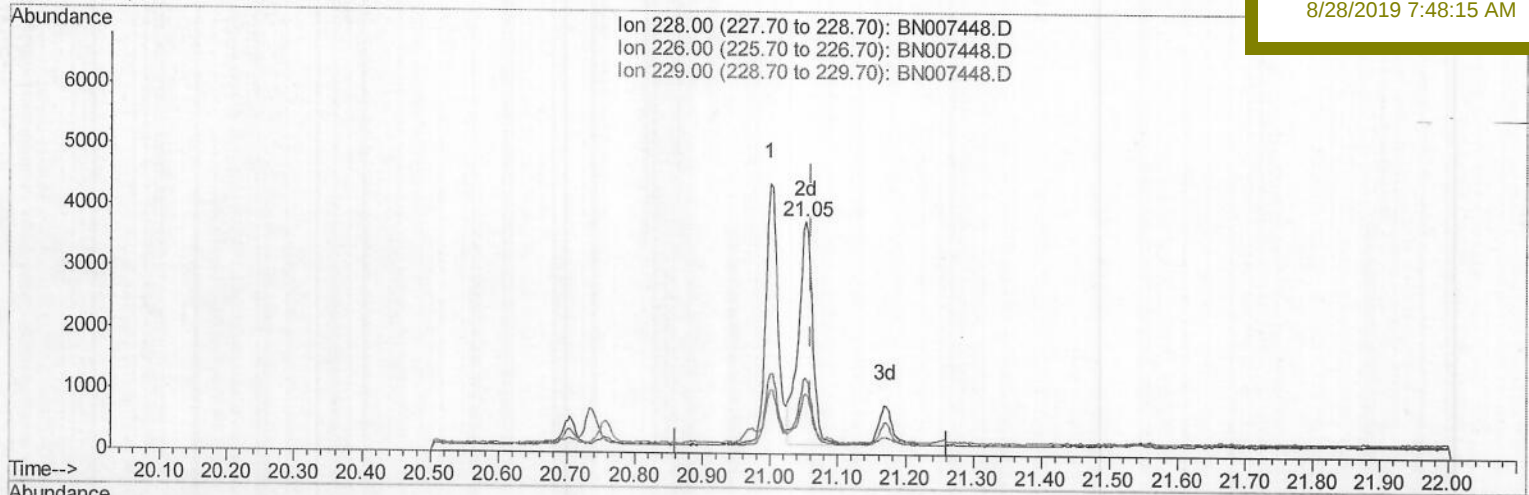
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(19) Chrysene

21.052min (-0.009) 0.05ng/ul m

response 5276

Ion Exp% Act%

228.00 100 100

226.00 30.10 32.69

229.00 20.10 25.69#

0.00 0.00 0.00

JU
08/28/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

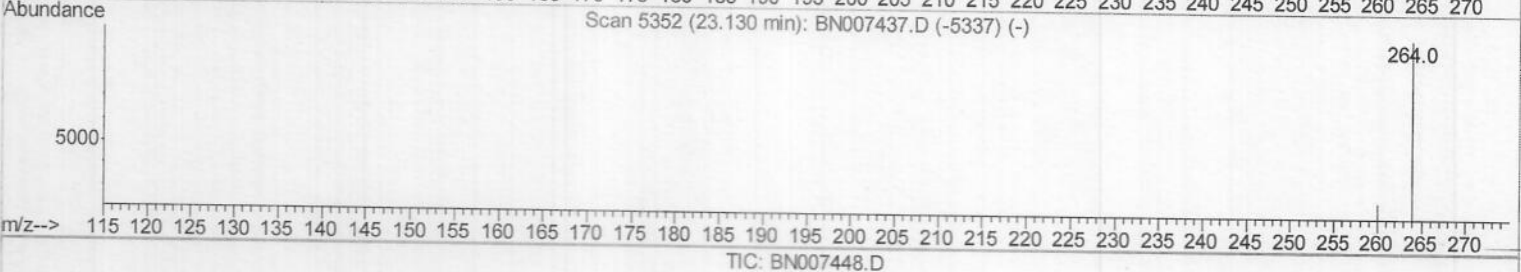
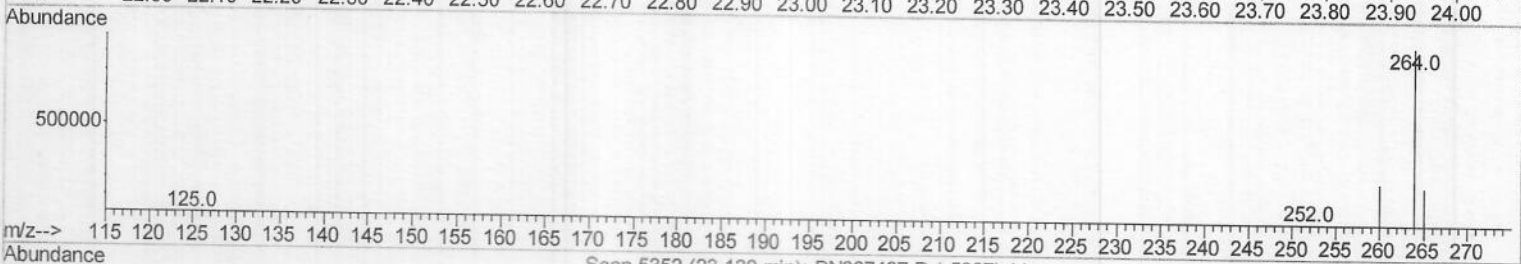
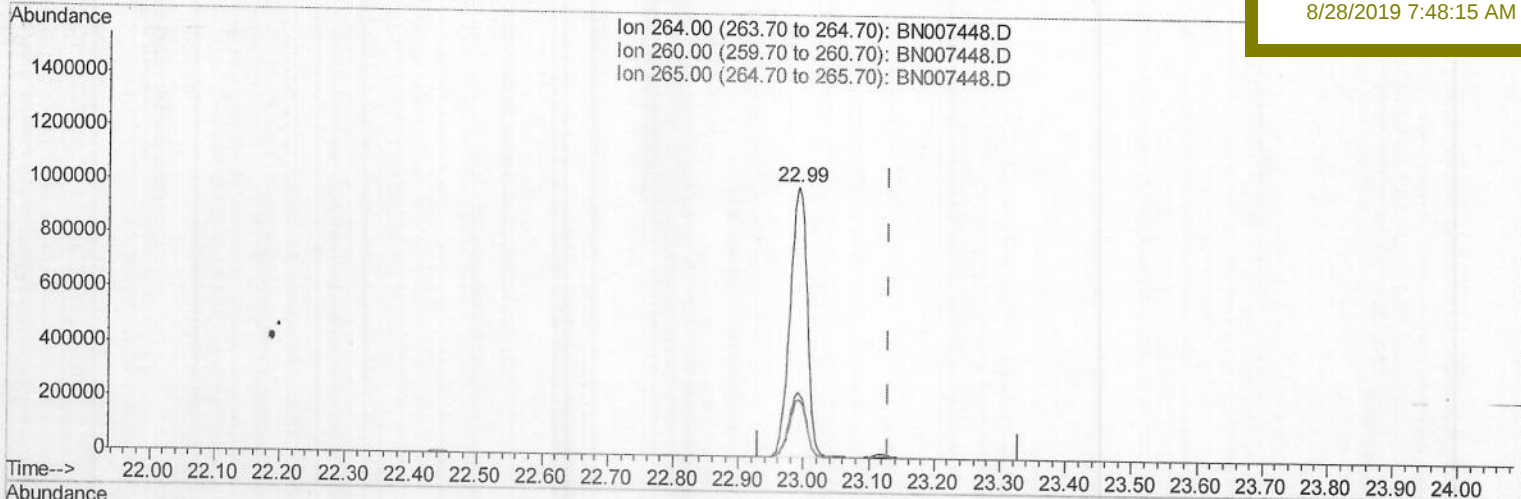
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(20) Perylene-d12 (I)

22.992min (-0.137) 0.40ng/ul

response 1814614

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	23.71
265.00	35.80	21.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:40:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

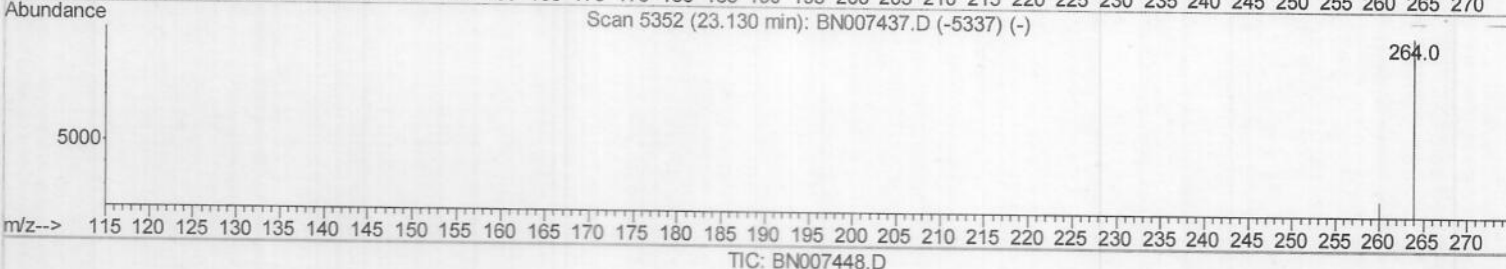
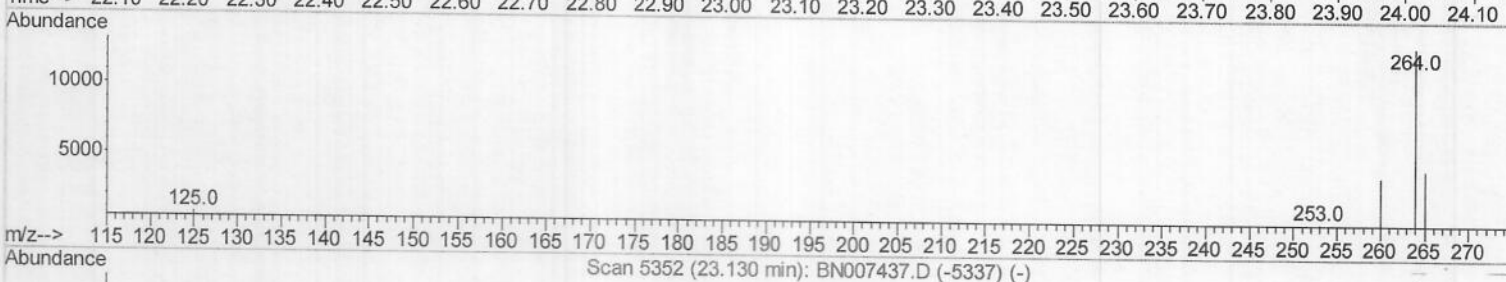
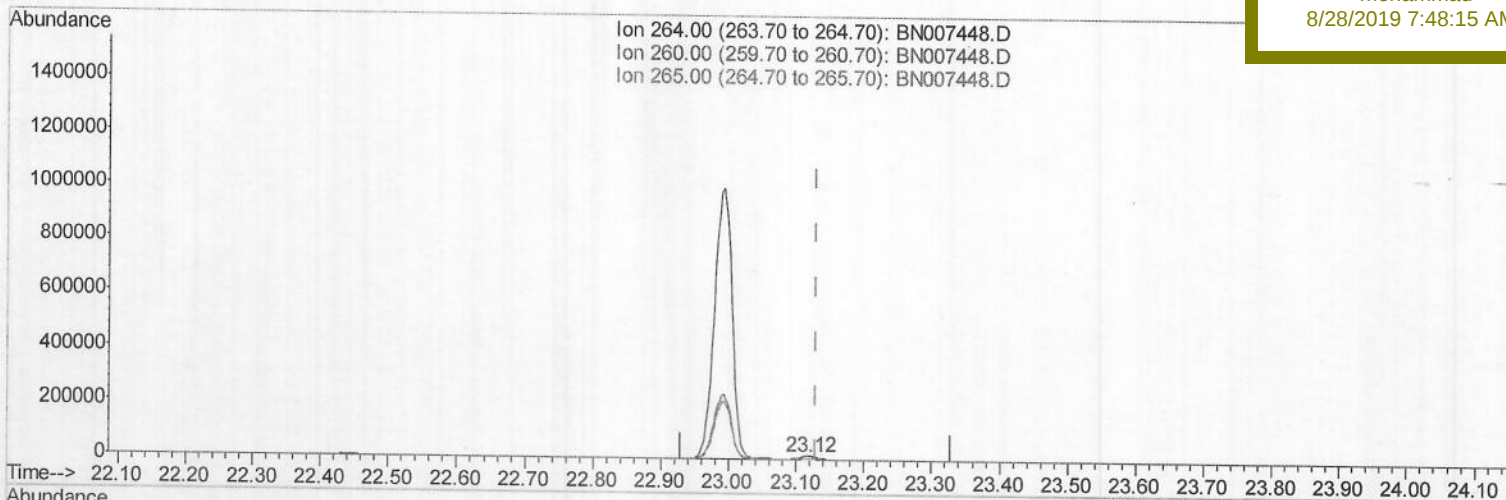
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(20) Perylene-d12 (I)

23.118min (-0.012) 0.40ng/ul m JU
08/28/19

response 20028

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	28.75
265.00	35.80	32.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

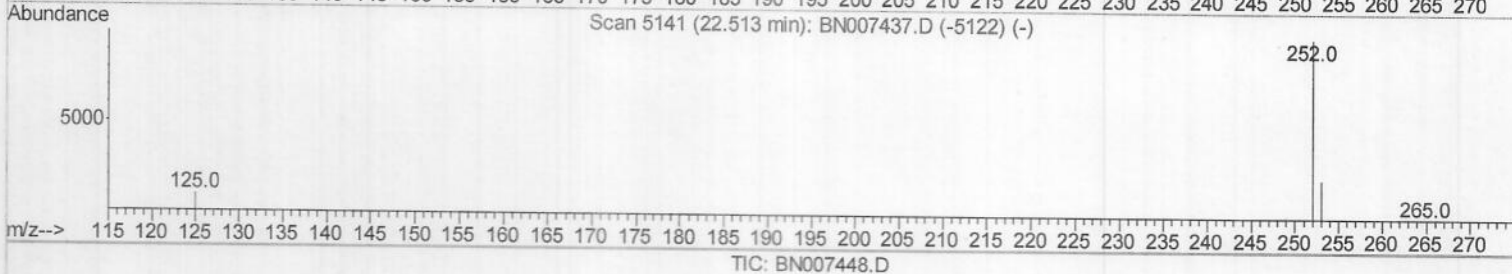
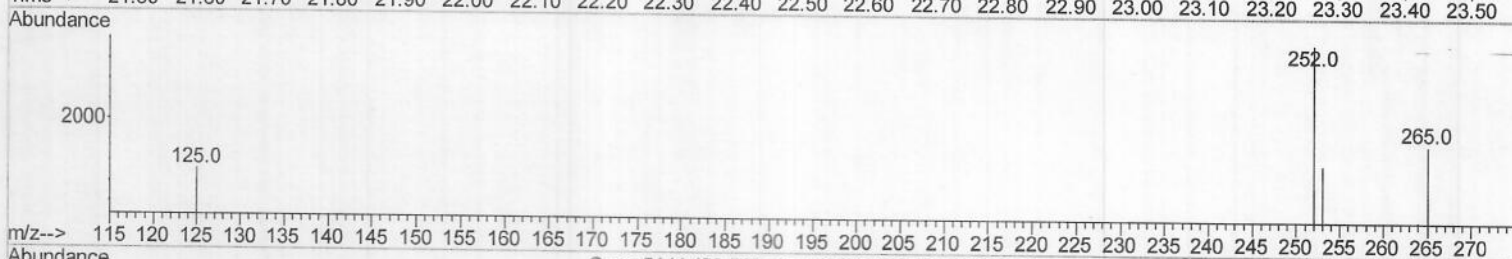
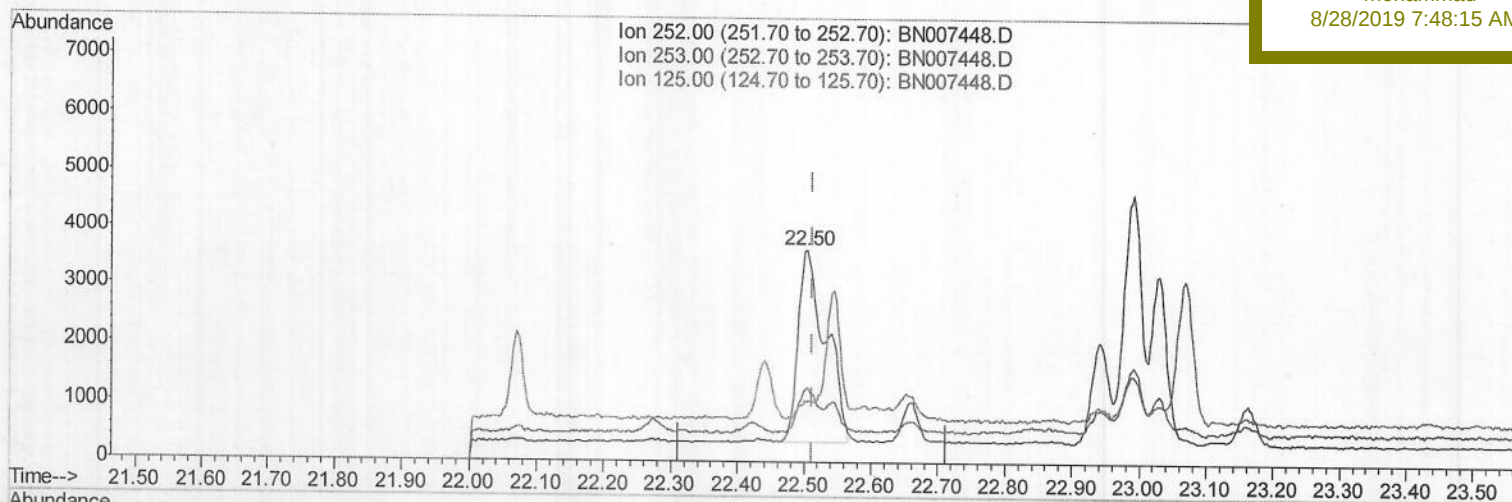
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(21) Benzo(b)fluoranthene

22.504min (-0.009) 0.11ng/ul

response 9429

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	34.84
125.00	12.40	28.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

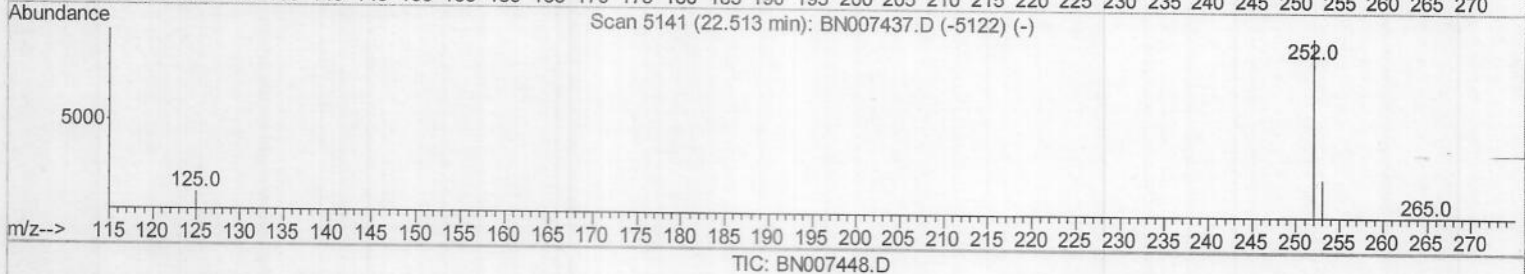
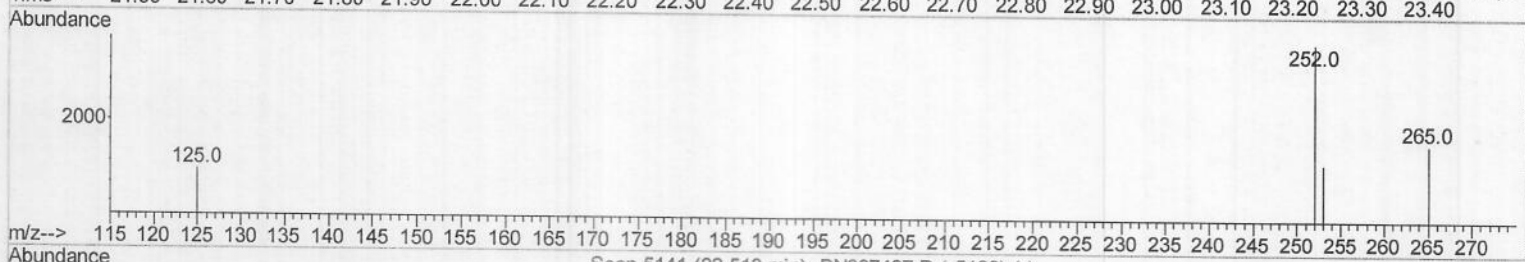
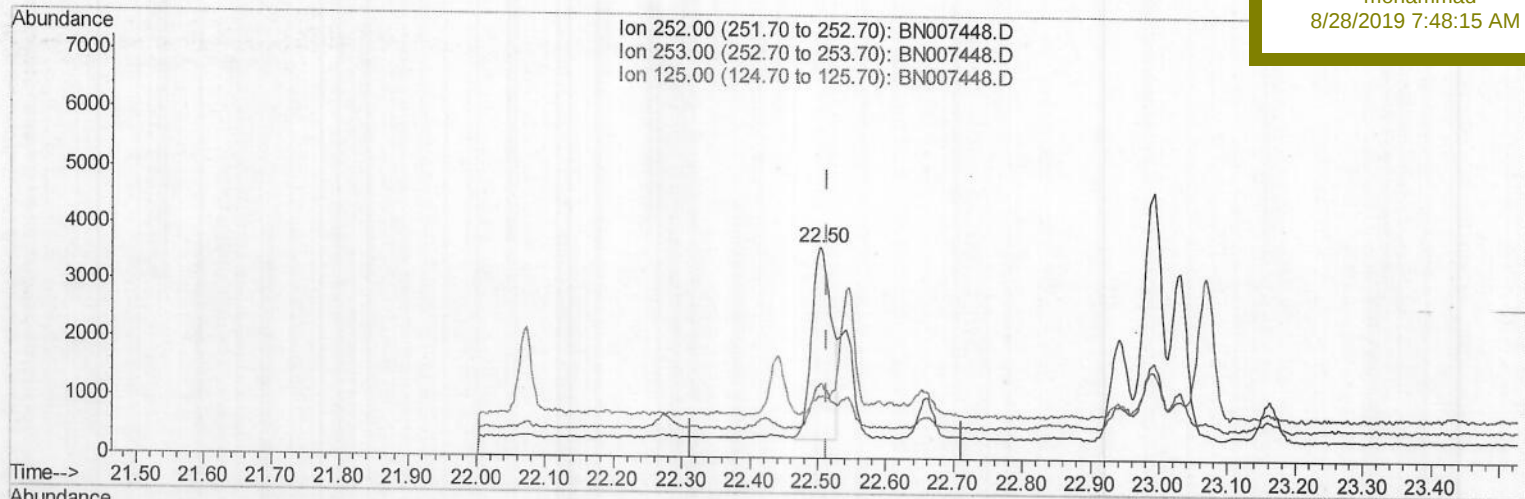
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(21) Benzo(b)fluoranthene

22.504min (-0.009) 0.08ng/ul m

response 6741

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	34.84
125.00	12.40	28.71#
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

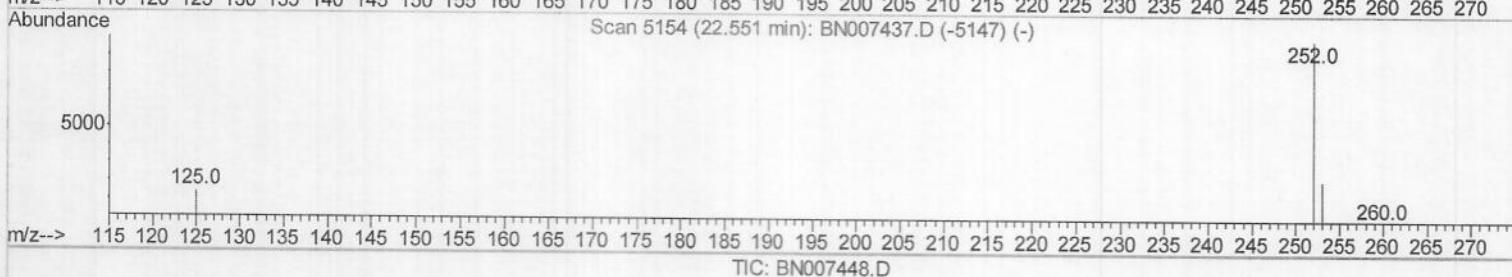
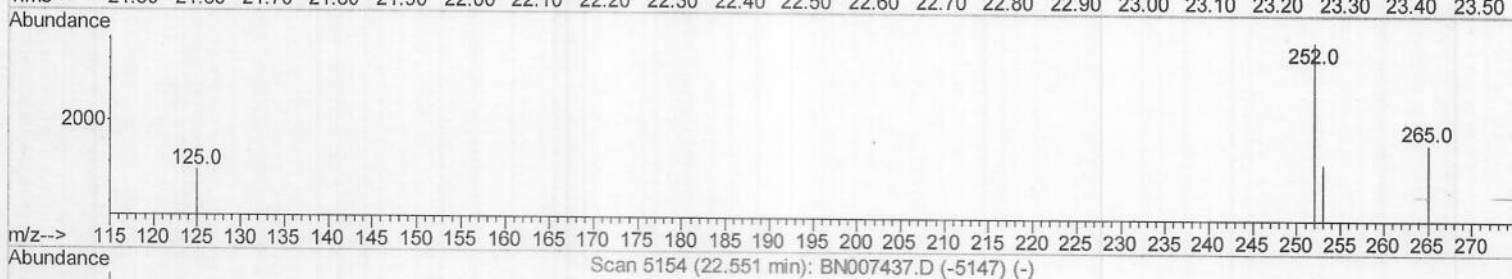
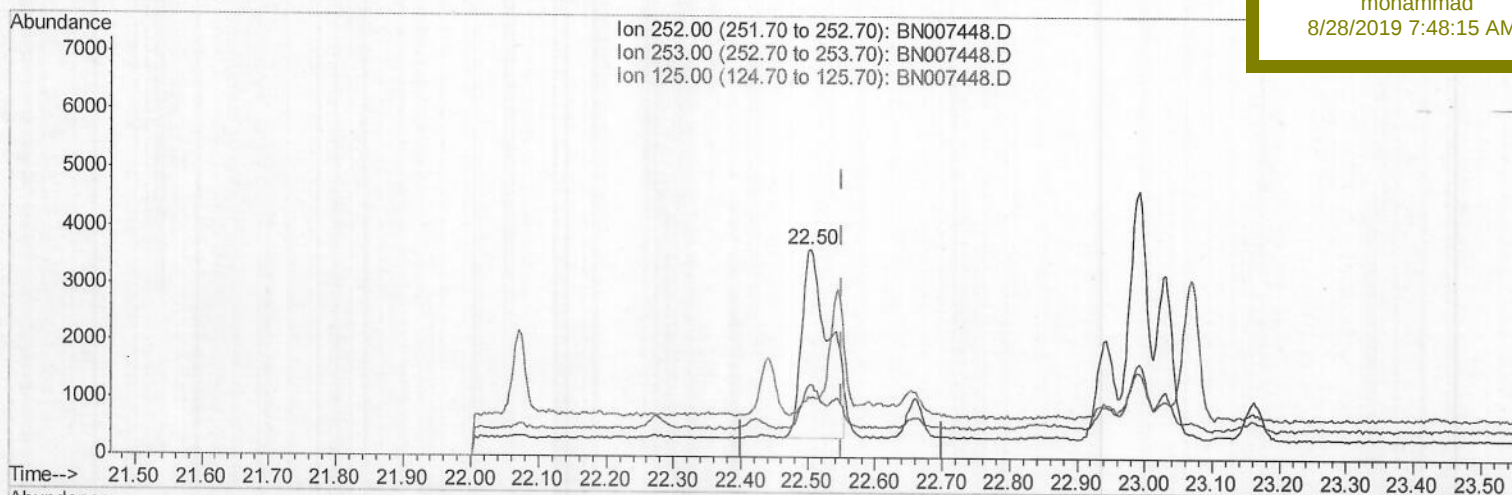
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(22) Benzo(k)fluoranthene

22.504min (-0.047) 0.10ng/ul

response 9168

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	34.84#
125.00	15.50	28.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007448.D
Acq On : 28 Aug 2019 00:53
Operator : HP/JU
Sample : K4337-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

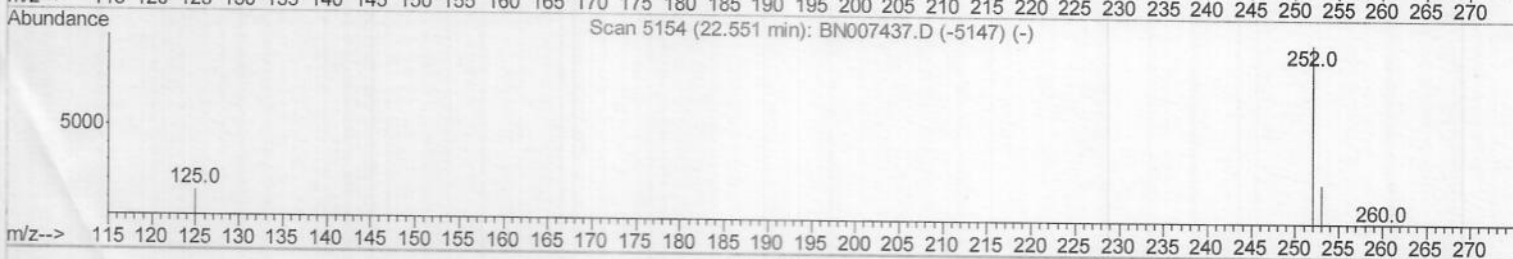
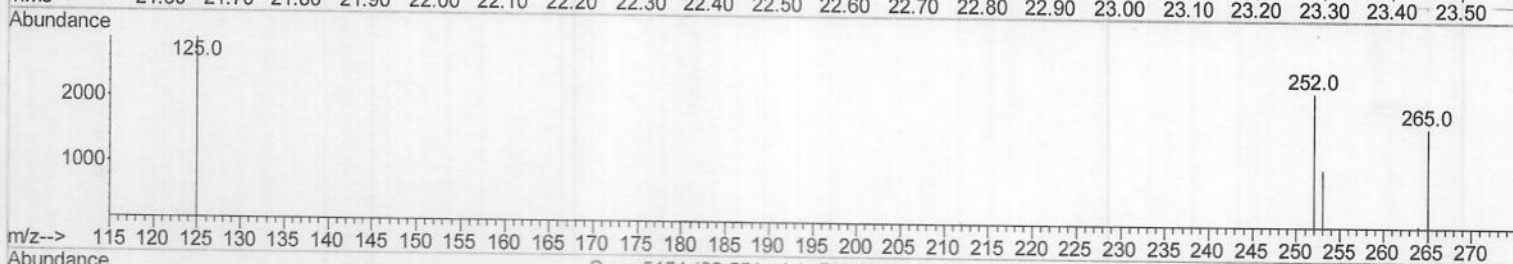
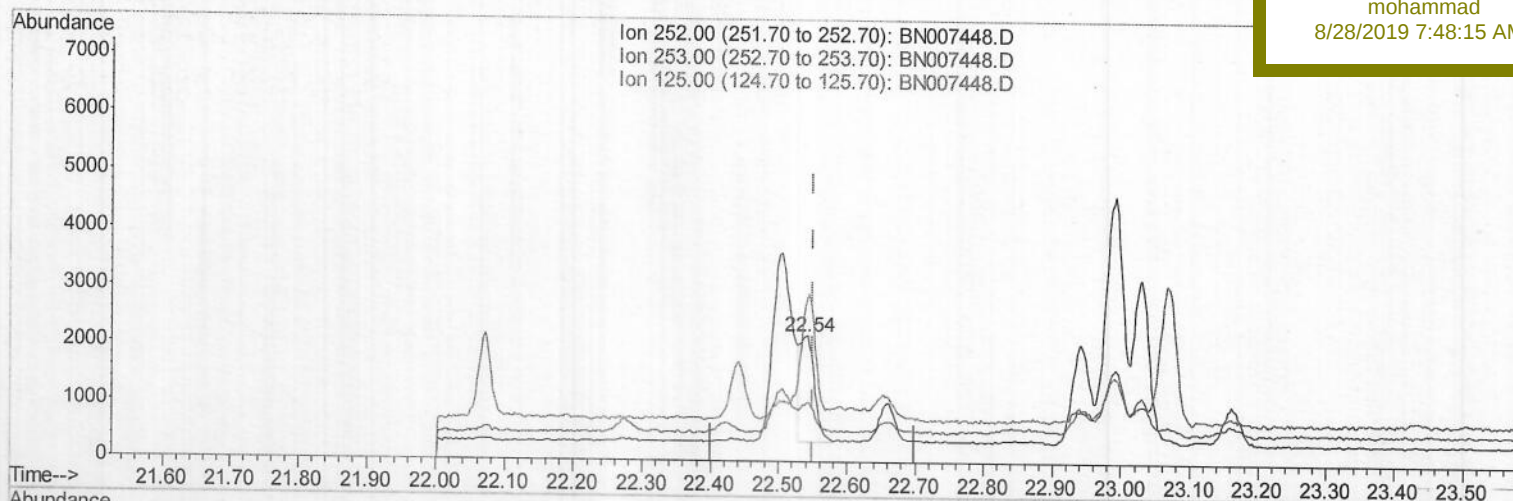
Quant Time: Aug 28 01:41:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(22) Benzo(k)fluoranthene

22.542min (-0.009) 0.03ng/ul m

response 2826

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	46.81#
125.00	15.50	131.38#
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

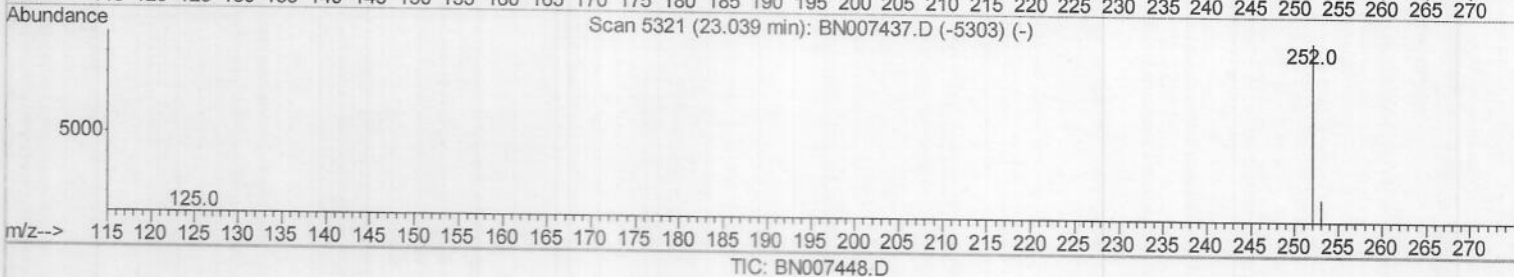
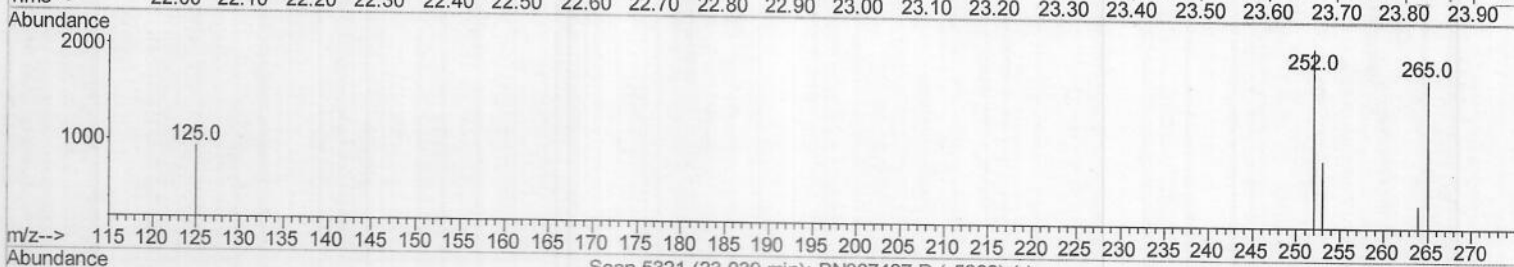
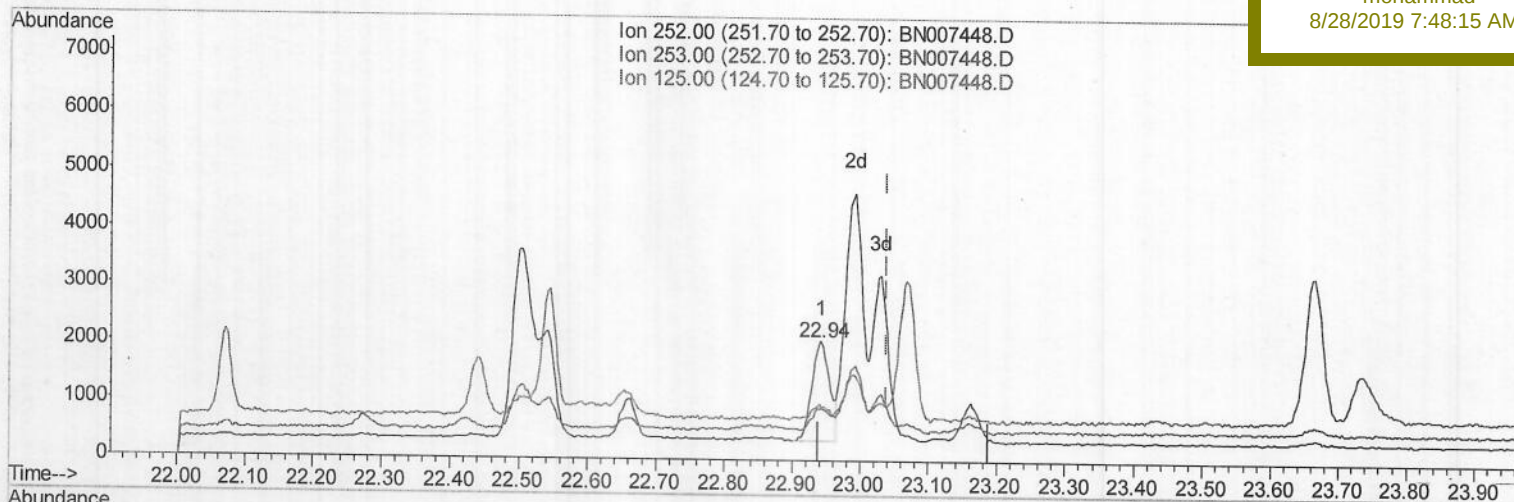
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

(23) Benzo(a)pyrene (C)

22.943min (-0.097) 0.04ng/ul

response 3119

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	43.93#
125.00	14.00	45.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

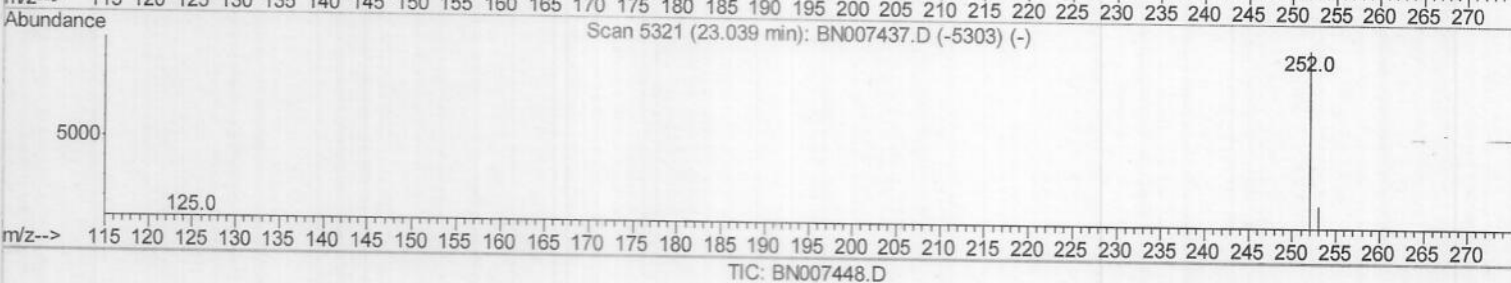
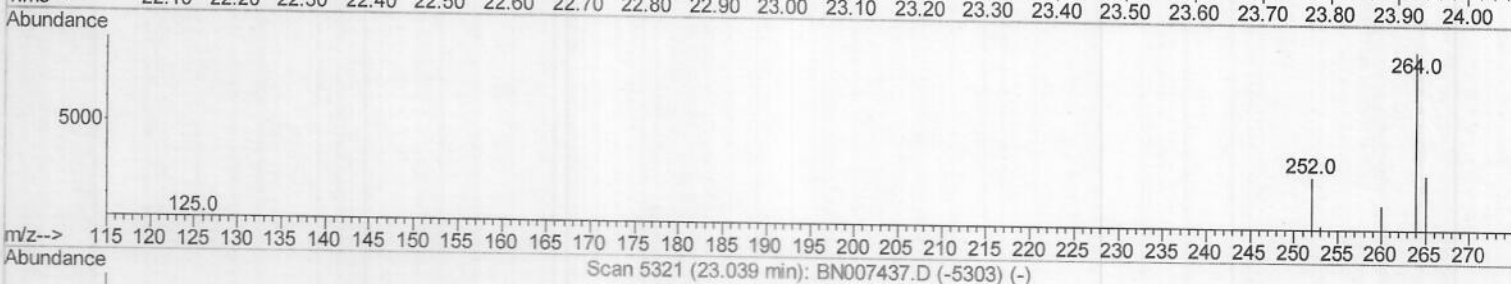
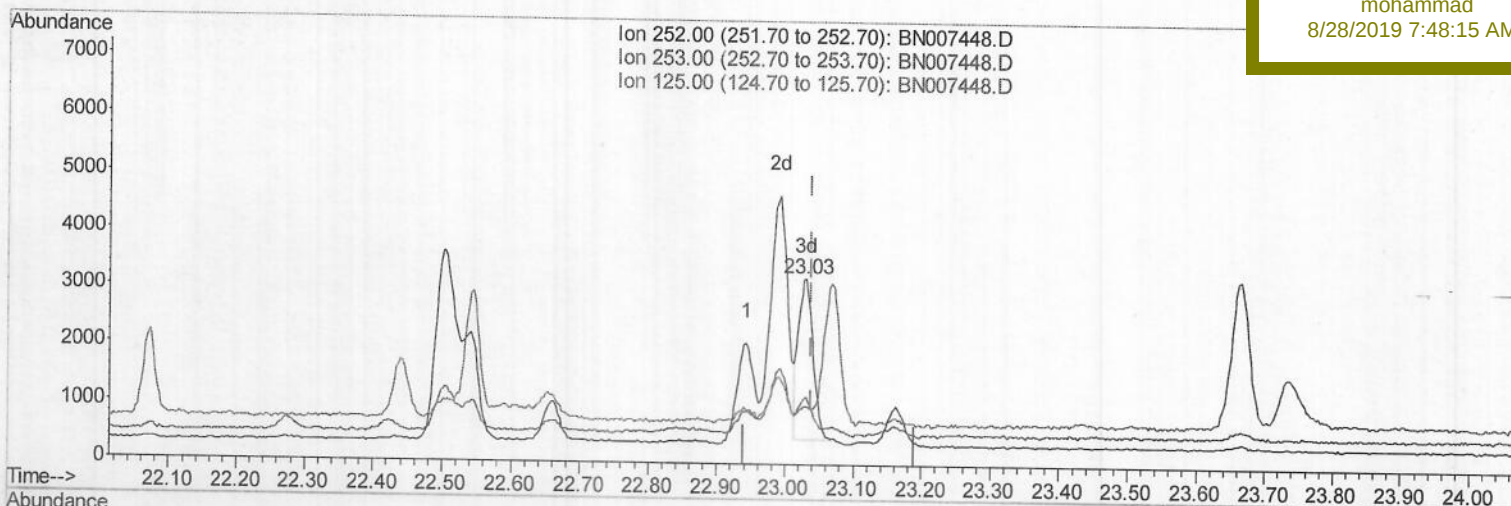
C0AG4

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:15 AM



(23) Benzo(a)pyrene (C)

23.030min (-0.009) 0.05ng/ul m) JU
08/28/19

response 4219

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	35.92#
125.00	14.00	31.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

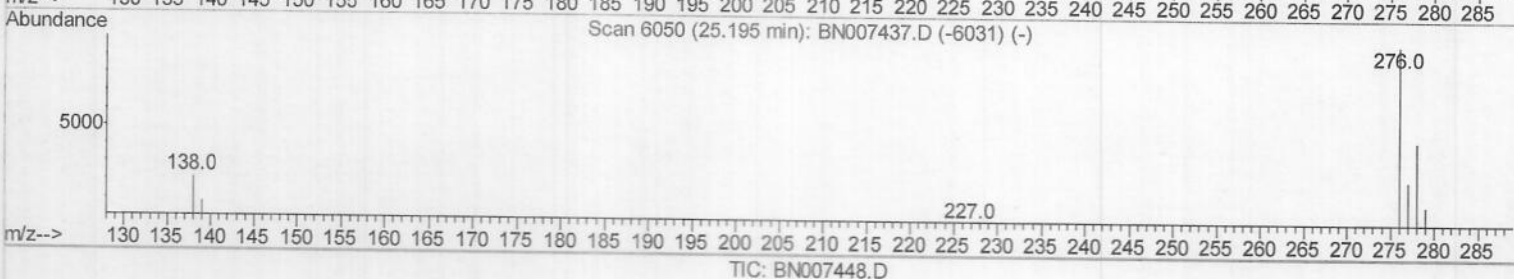
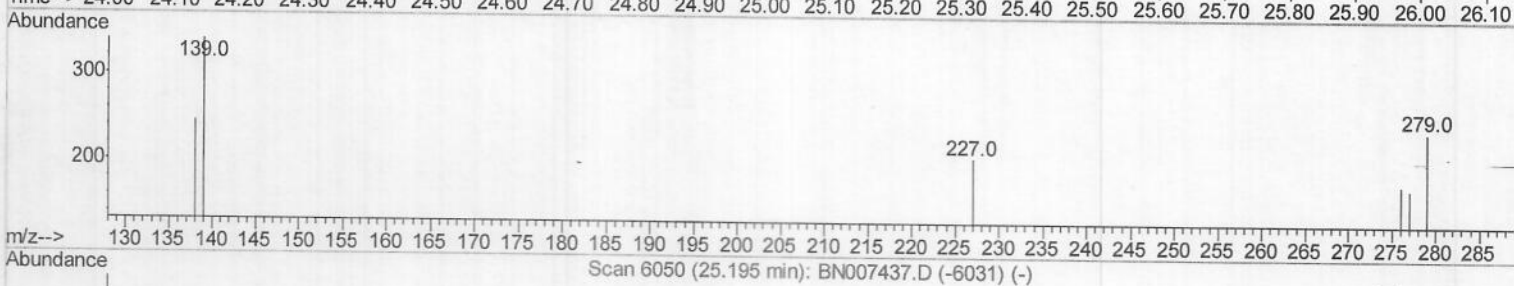
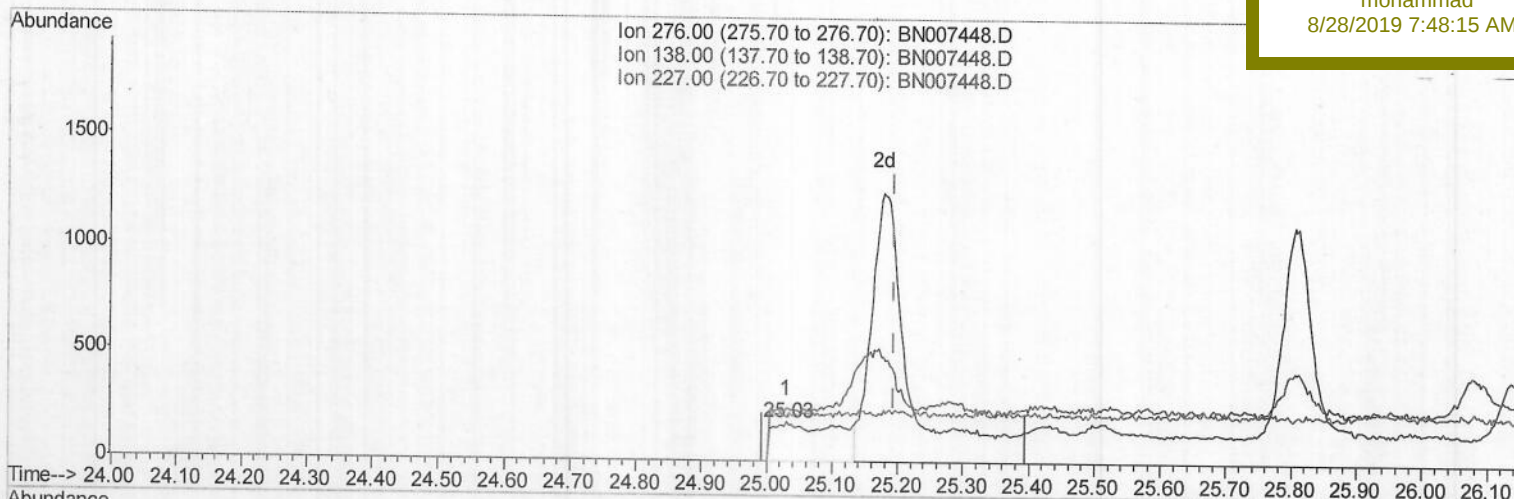
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

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

25.031min (-0.164) 0.01ng/ul

response 1240

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007448.D

Acq On : 28 Aug 2019 00:53

Operator : HP/JU

Sample : K4337-16

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 01:41:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

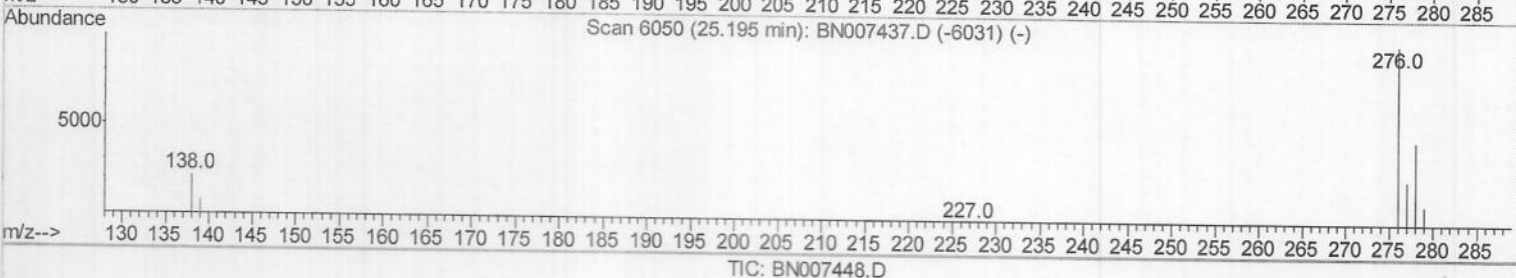
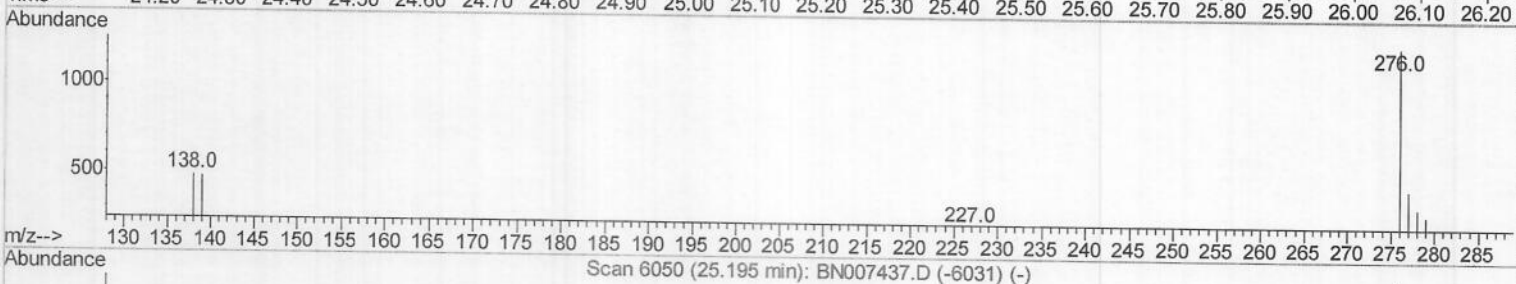
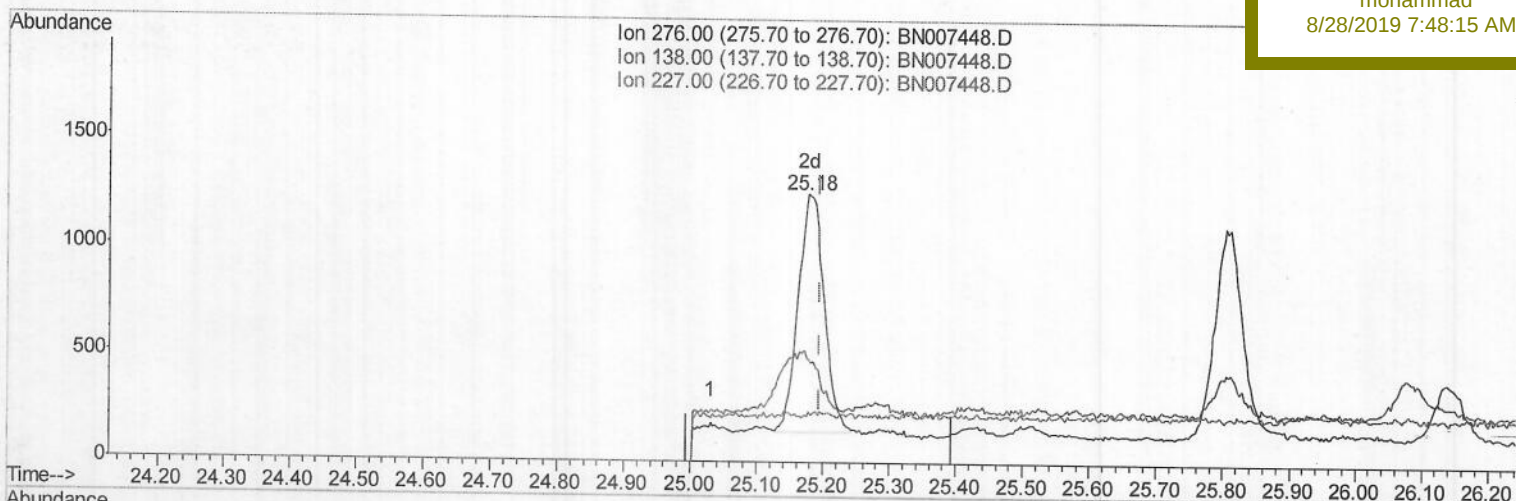
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG4

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:15 AM

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

25.178min (-0.017) 0.03ng/ul m) JU
08/28/19

response 3006

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007448.D
 Acq On : 28 Aug 2019 00:53
 Operator : HP/JU
 Sample : K4337-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0AG4

Quant Time: Aug 28 01:43:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 8/28/2019 7:48:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5229	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21790	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12270	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25726m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21908m)	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	20028m)	0.40	ng/ul	-0.01

JU
 08/28/19

System Monitoring Compounds
 4) 2-Methylnaphthalene-d10
 14) Fluoranthene-d10

4) 2-Methylnaphthalene-d10	11.76	152	9805	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	25430m)	0.30	ng/ul	0.00

JU
 08/28/19

Target Compounds

					Ovalue	
3) Naphthalene	10.20	128	1547	0.025	ng/ul#	77
12) Phenanthrene	16.84	178	8217	0.102	ng/ul	96
15) Fluoranthene	18.87	202	13524m)	0.126	ng/ul	
17) Pyrene	19.24	202	10179m)	0.095	ng/ul	
18) Benzo(a)anthracene	21.00	228	5444	0.056	ng/ul#	94
19) Chrysene	21.05	228	5276m)	0.050	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	6741m)	0.077	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2826m)	0.031	ng/ul	
23) Benzo(a)pyrene	23.03	252	4219m)	0.048	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	3006m)	0.031	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	2864	0.034	ng/ul#	70

JU
 08/28/19

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