

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:28:17 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

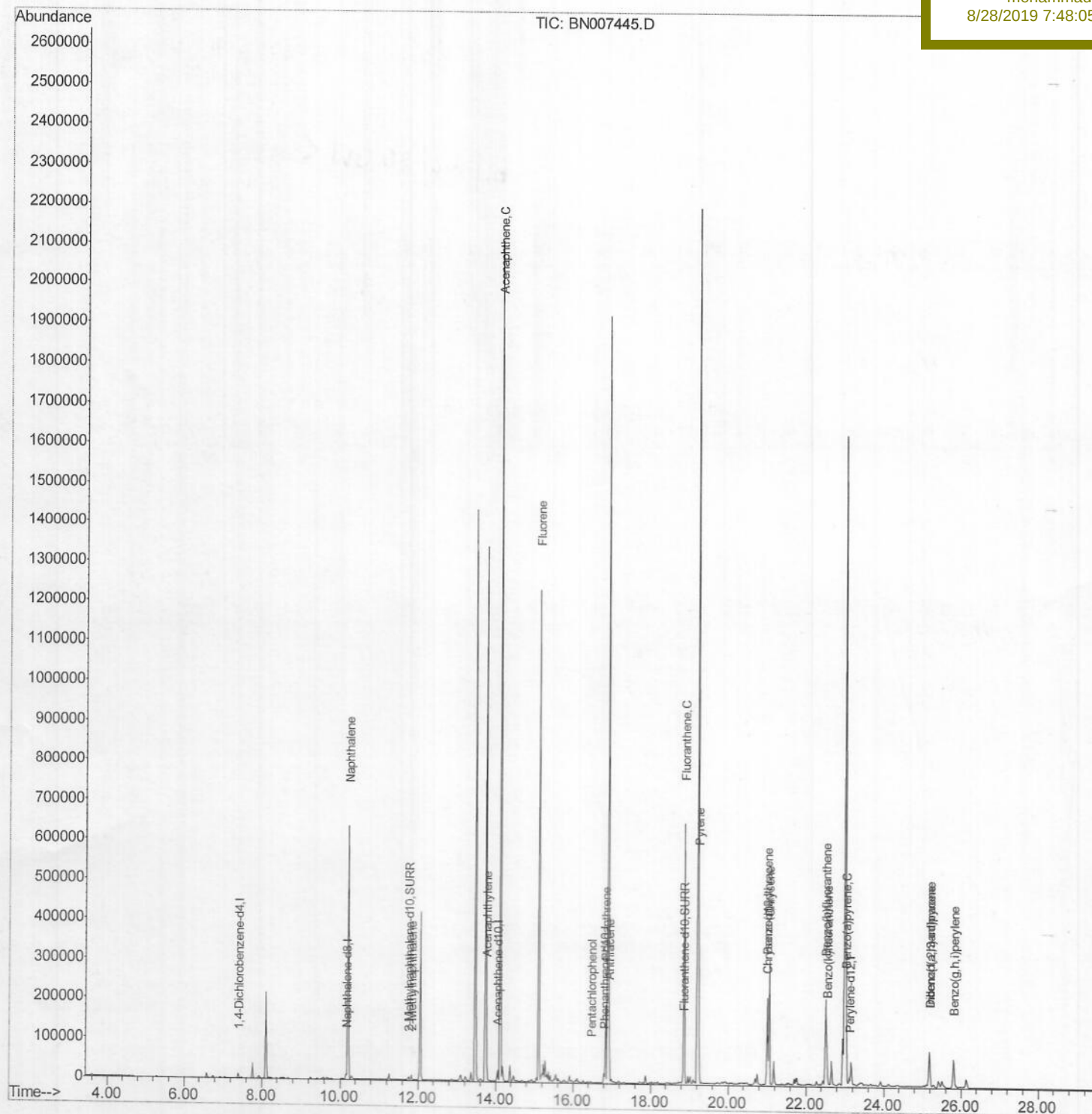
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:04:58 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

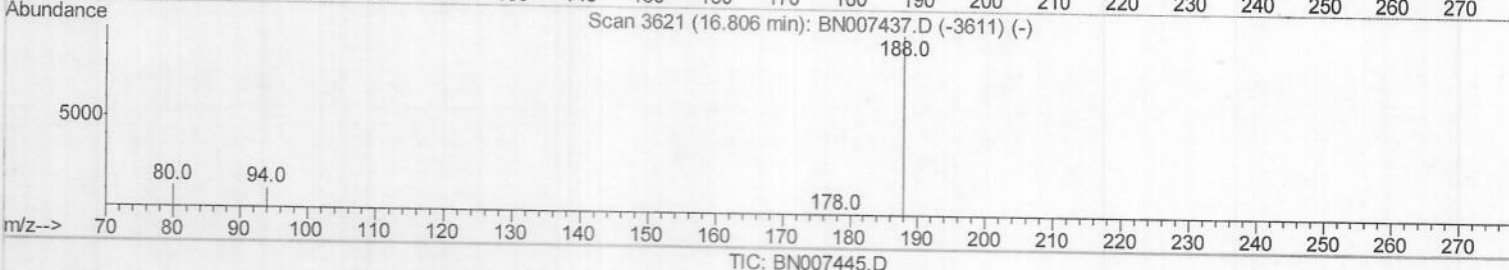
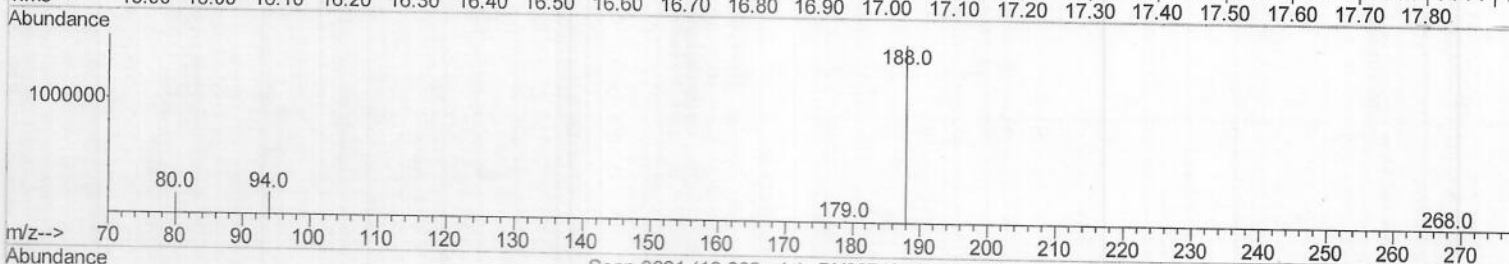
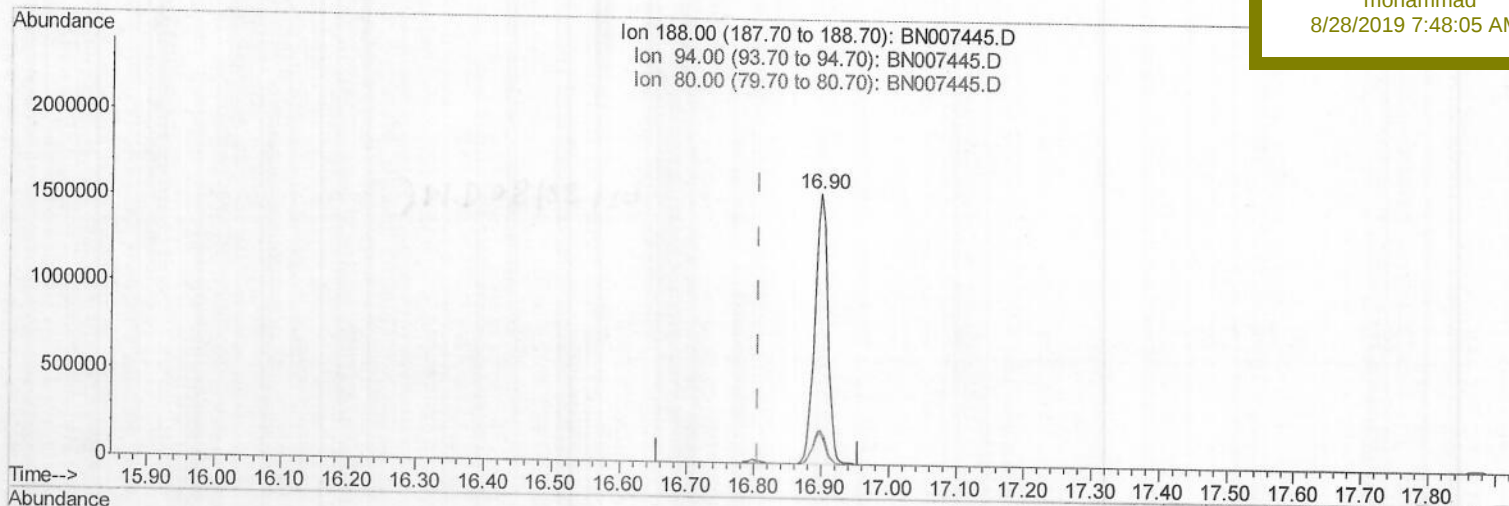
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 2093938

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.22
80.00	12.40	11.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:04:58 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 :

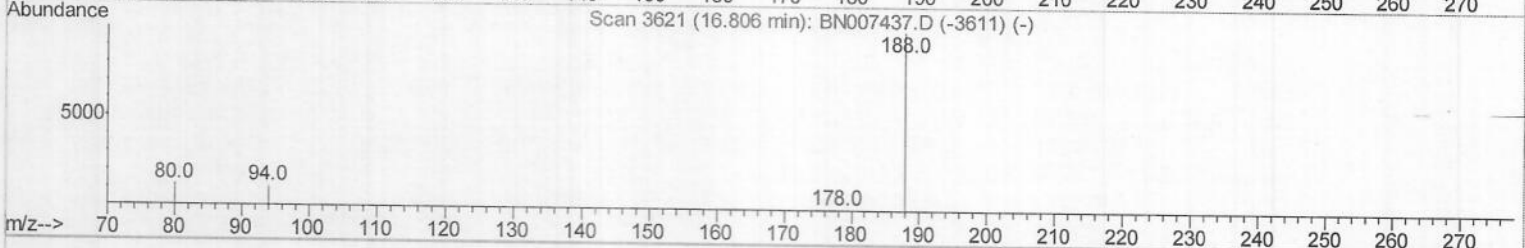
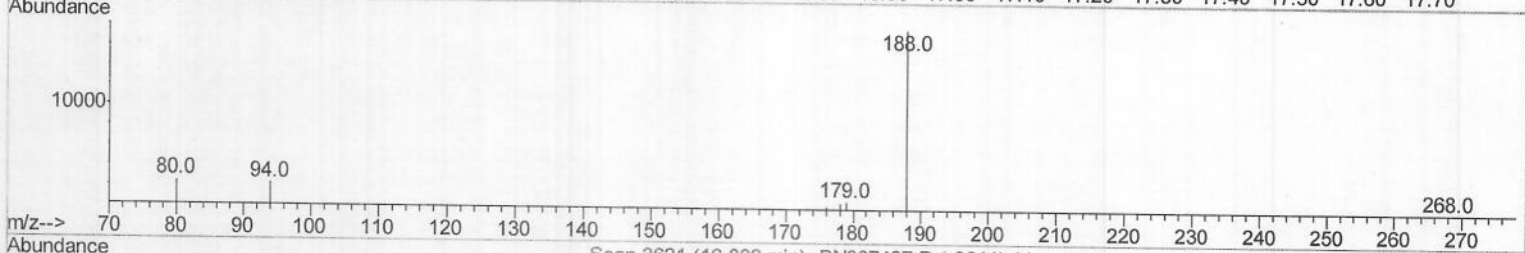
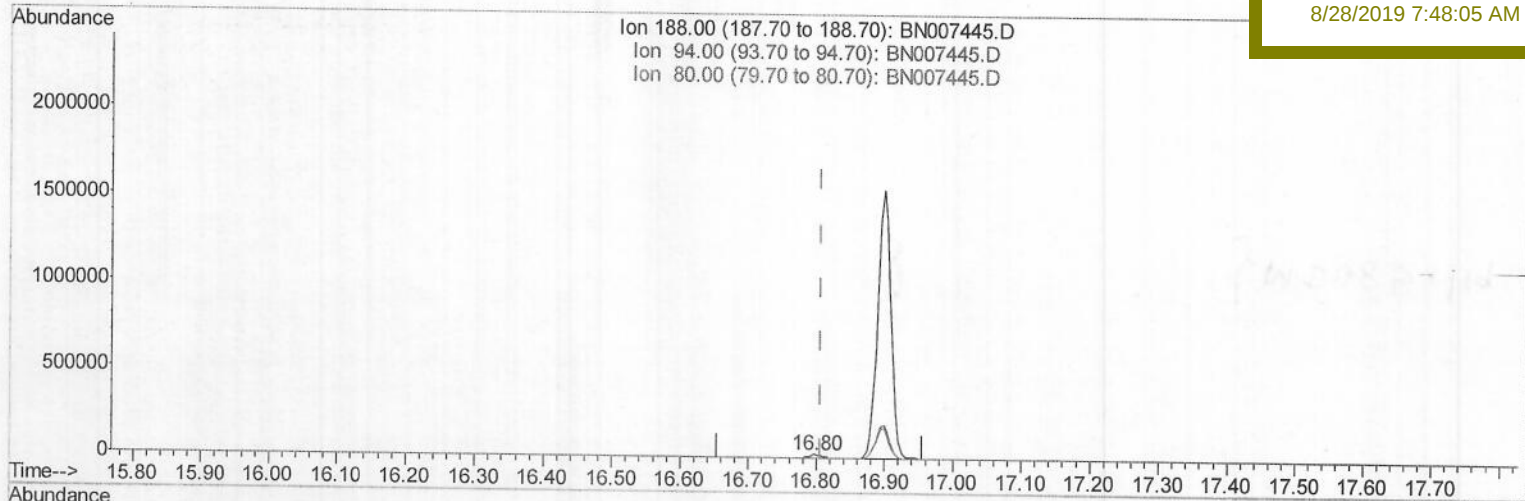
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



TIC: BN007445.D

(10) Phenanthrene-d10 (I)

16.798min (-0.008) 0.40ng/ul m

response 25573

JU
08/28/19

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.53
80.00	12.40	13.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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 :

C0AG0

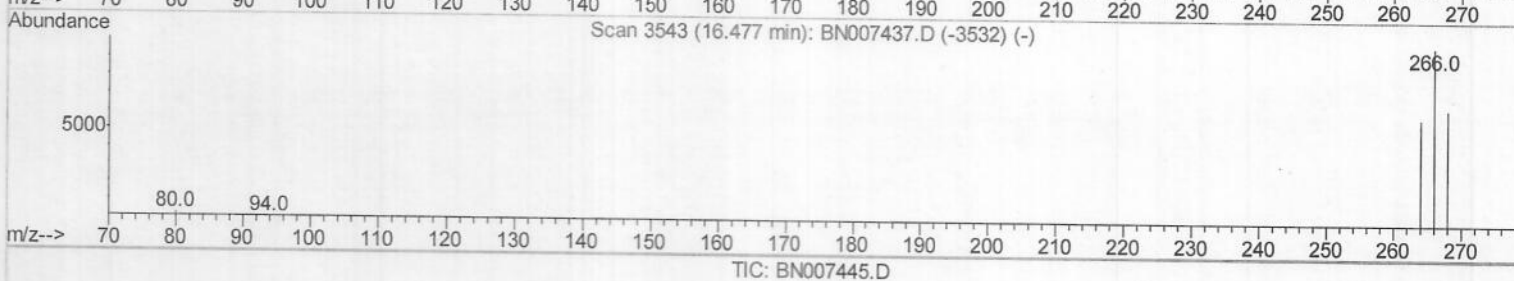
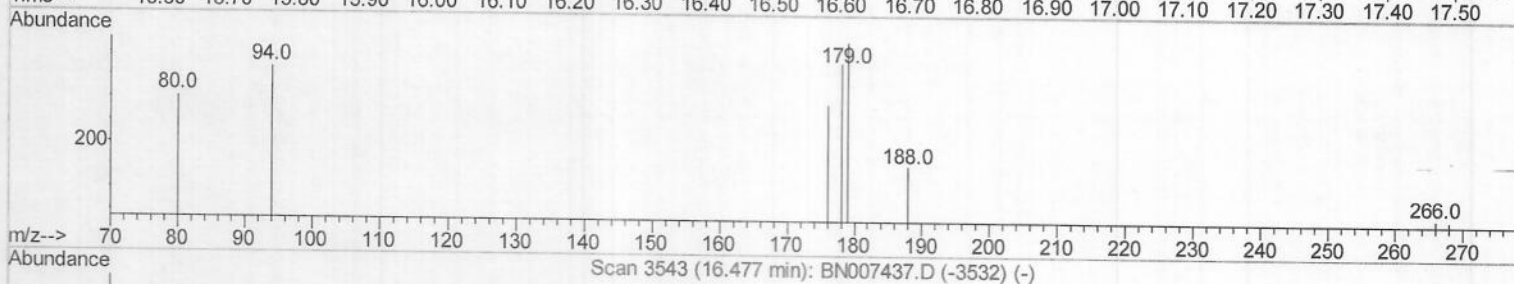
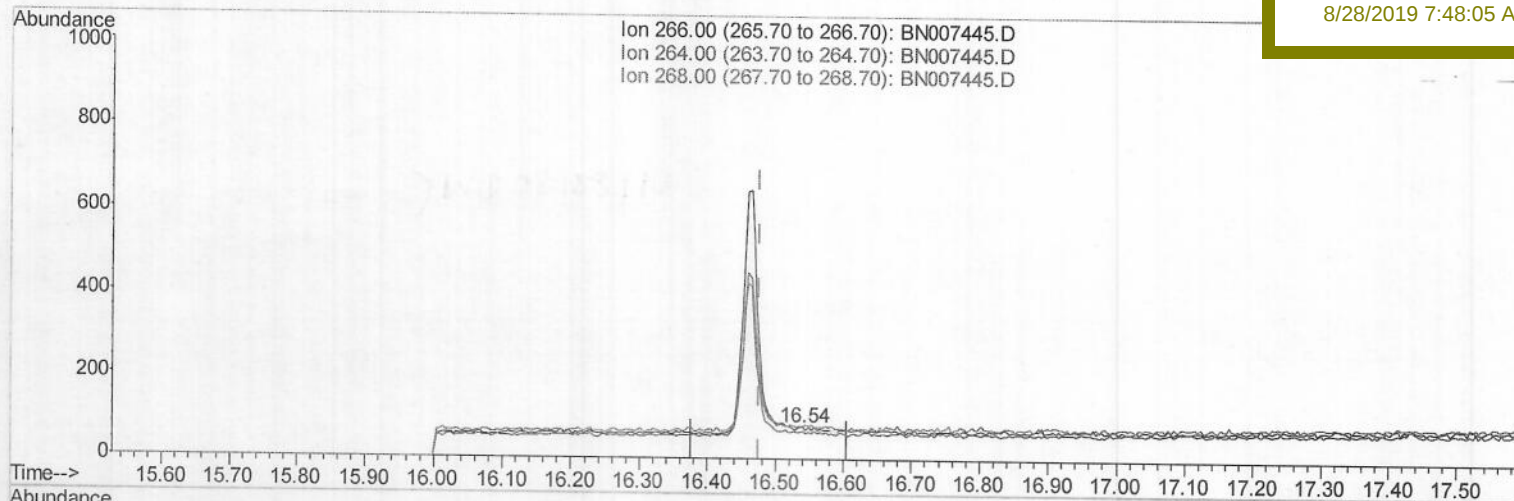
Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM

Ion 266.00 (265.70 to 266.70): BN007445.D
Ion 264.00 (263.70 to 264.70): BN007445.D
Ion 268.00 (267.70 to 268.70): BN007445.D



(11) Pentachlorophenol

16.540min (+0.063) 0.00ng/ul

response 20

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	0.00#
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

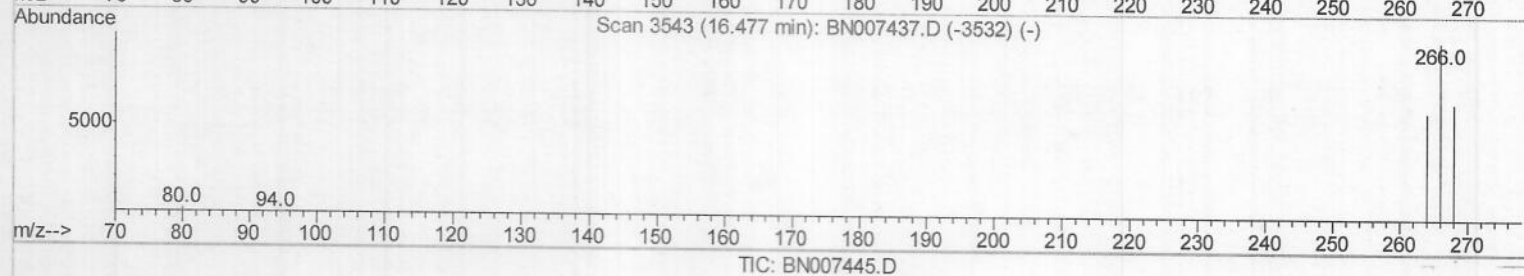
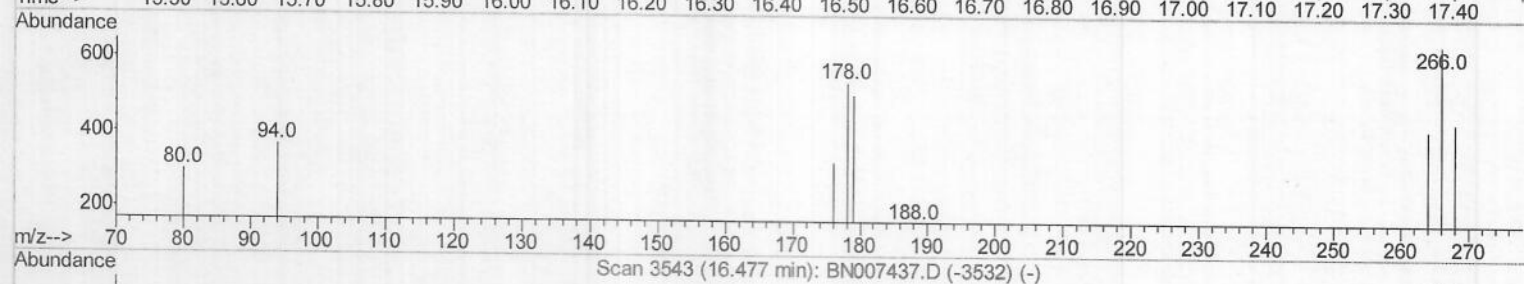
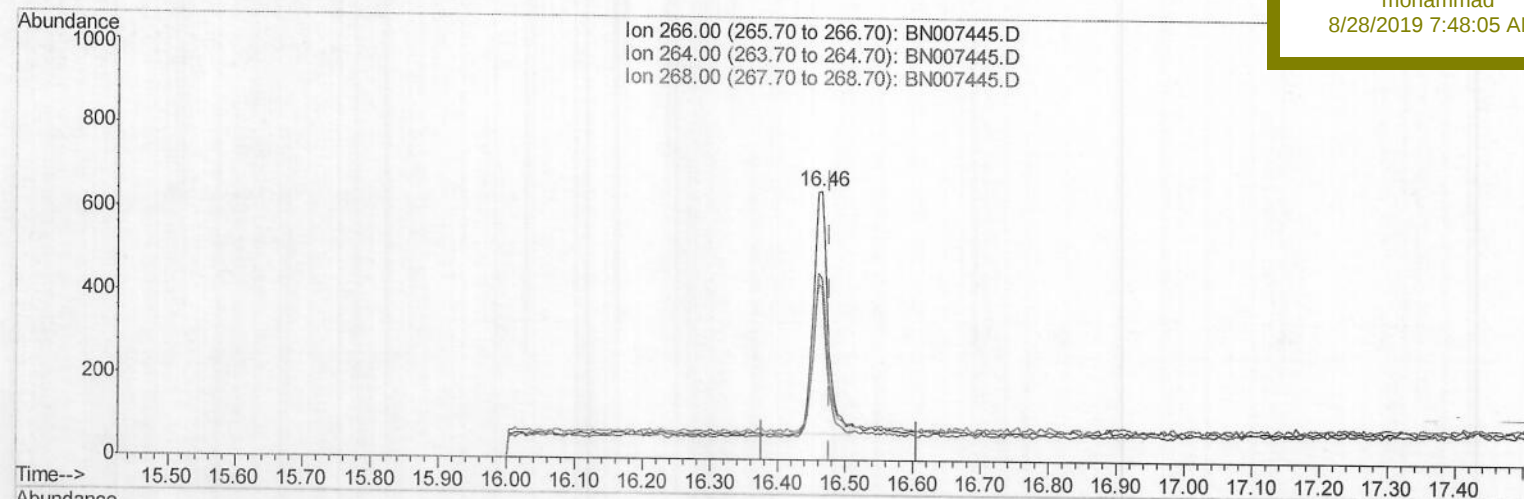
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(11) Pentachlorophenol

16.464min (-0.013) 0.15ng/ul m

response 887

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	0.00#
0.00	0.00	0.00

JU
08/28/19

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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 :

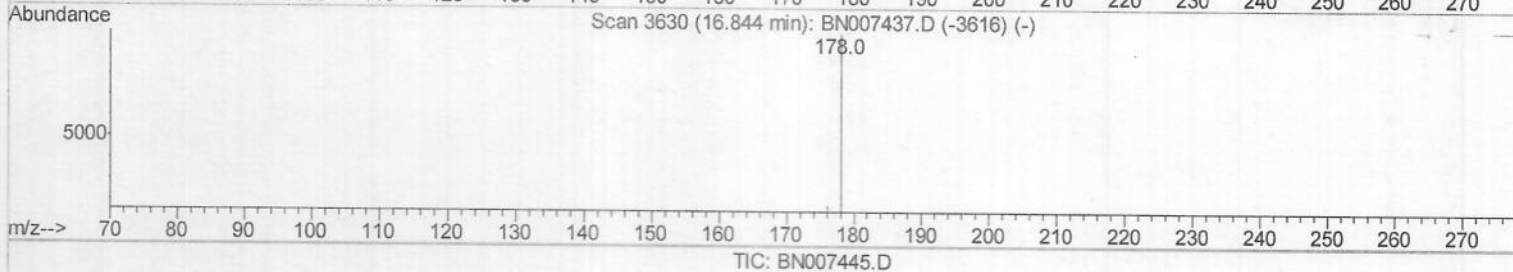
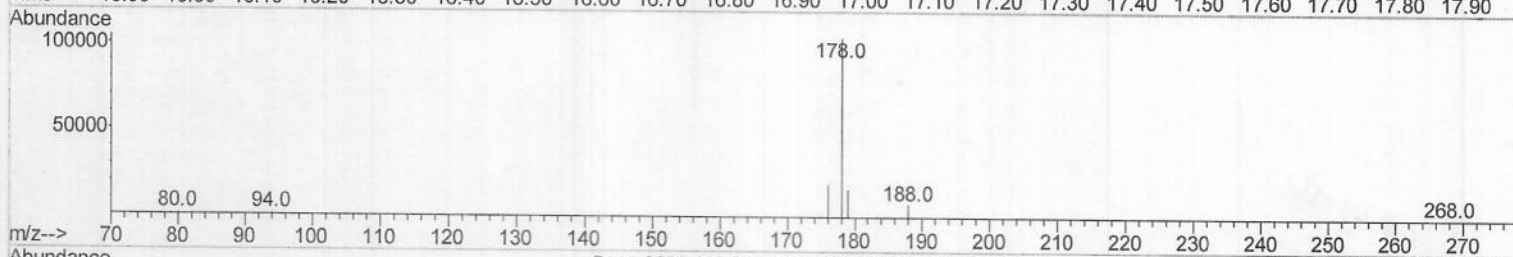
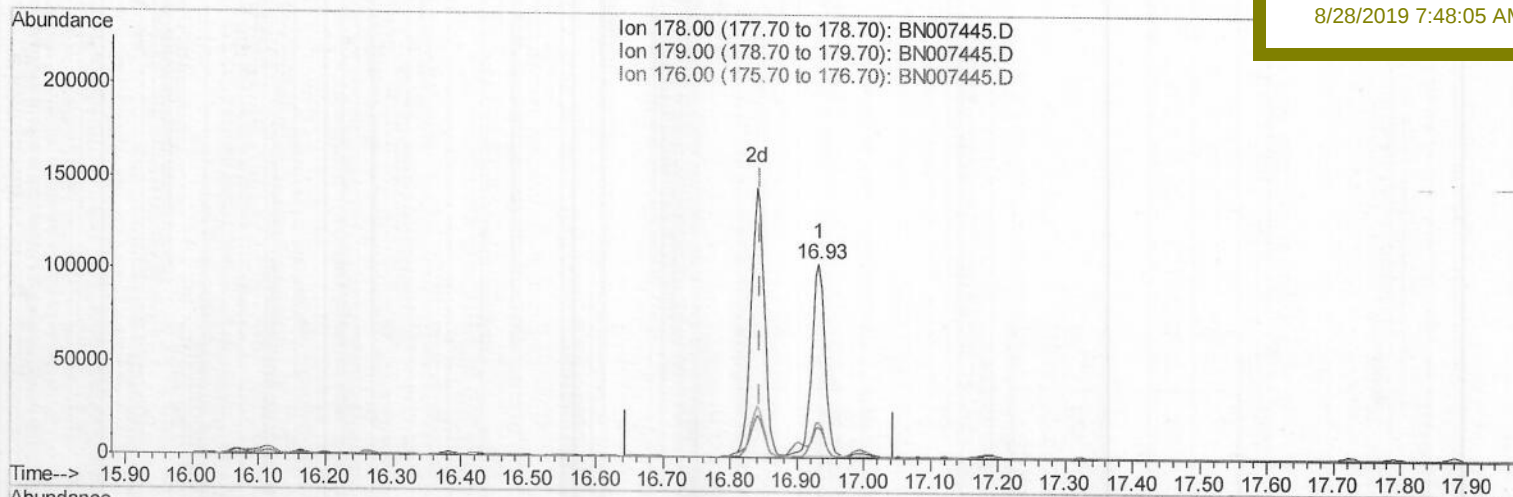
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



(12) Phenanthrene

16.933min (+0.089) 1.80ng/ul

response 143366

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.87
176.00	19.00	18.23
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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 :

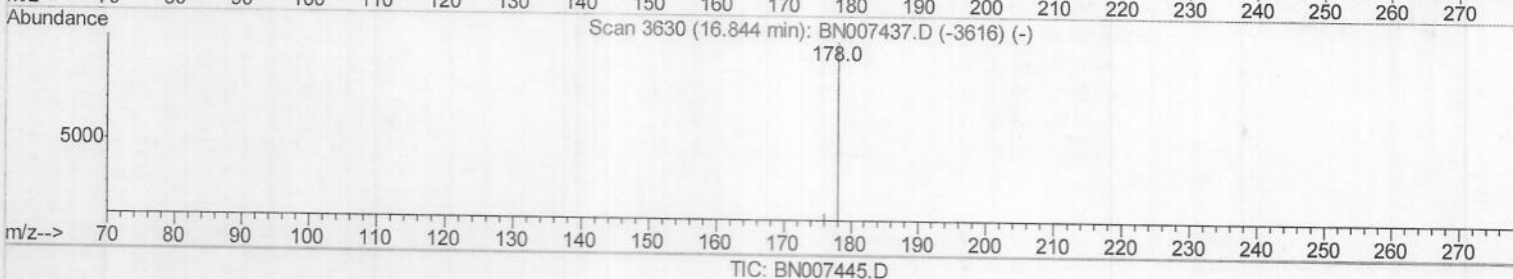
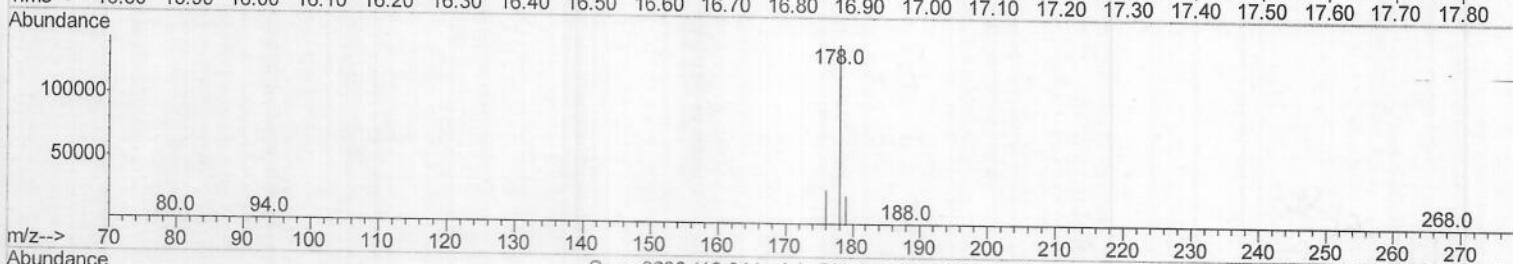
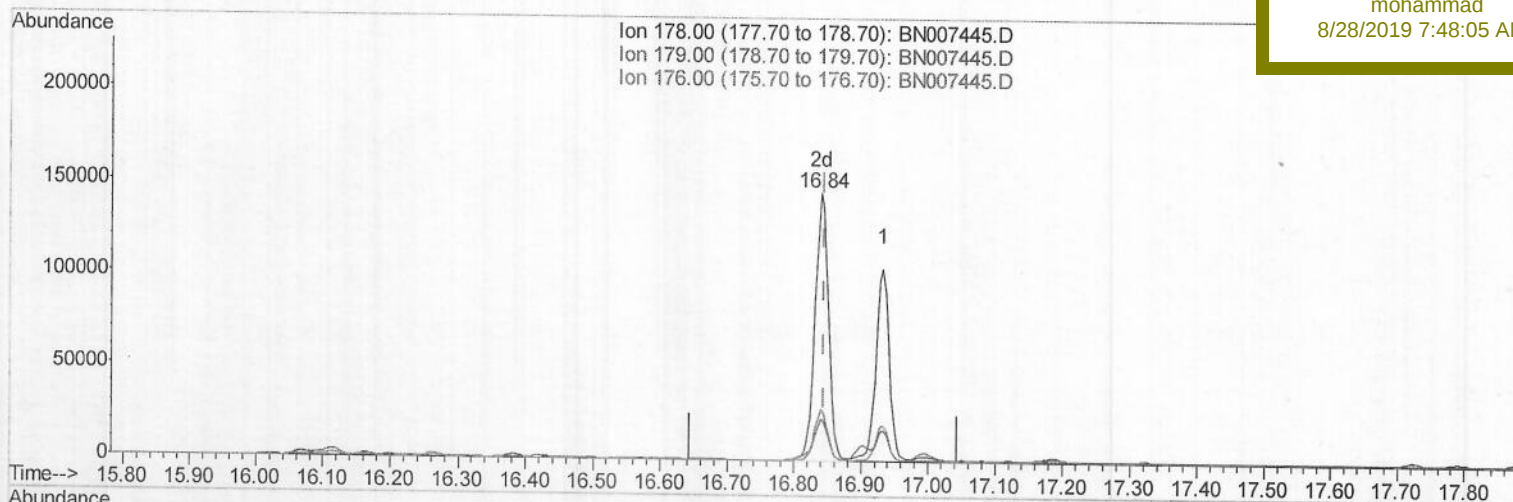
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



(12) Phenanthrene

16.840min (-0.004) 2.57ng/ul mJU

response 204964

08/28/19

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.52
176.00	19.00	18.91
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

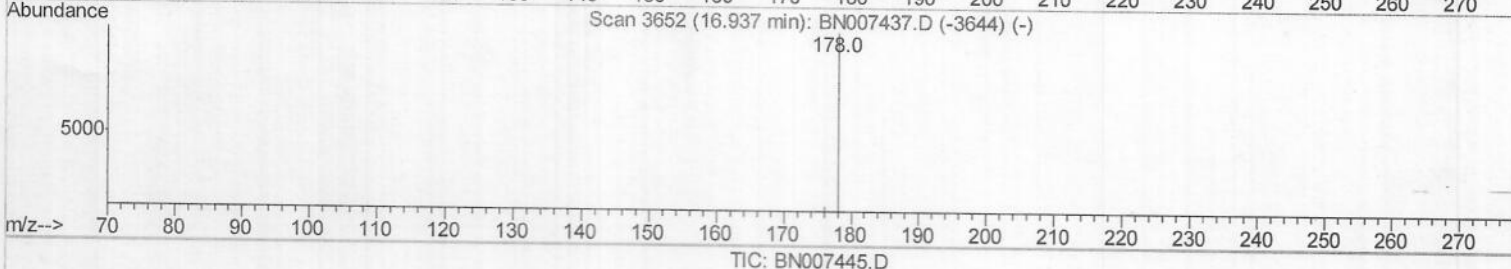
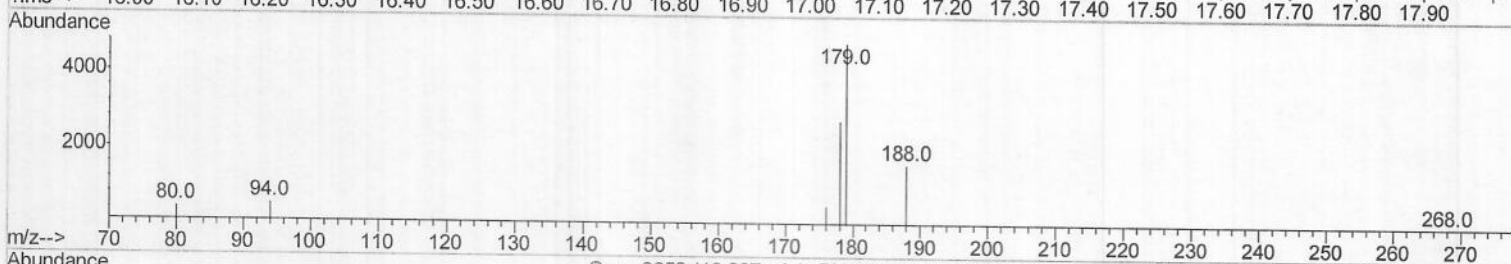
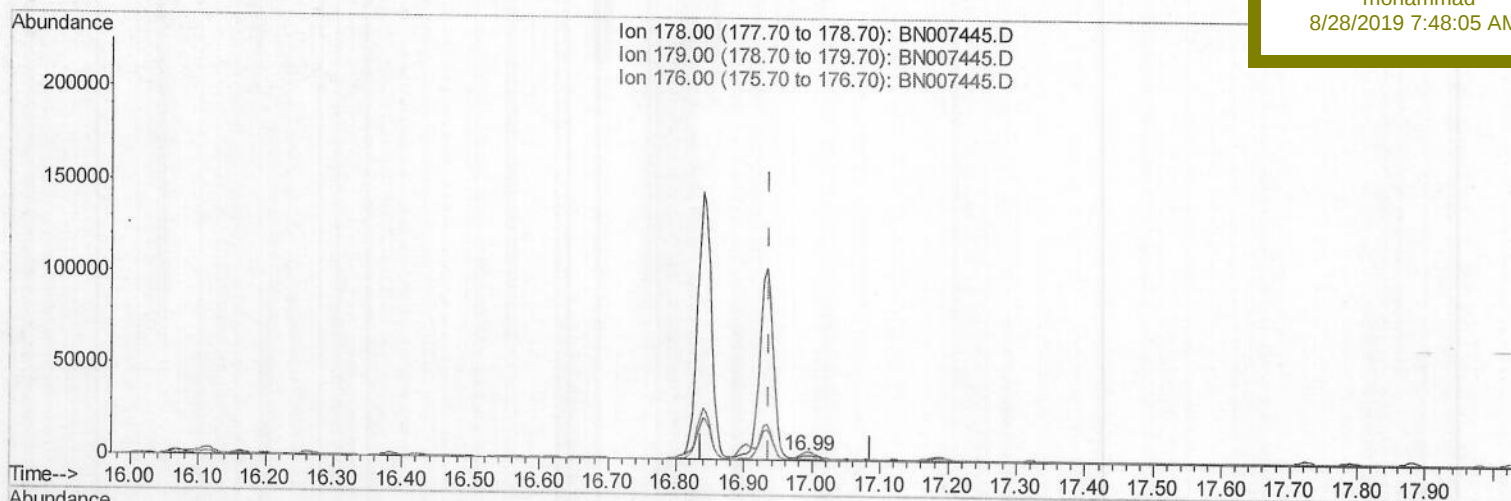
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(13) Anthracene

16.992min (+0.055) 0.05ng/ul

response 3706

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	175.07#
176.00	18.20	19.00
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

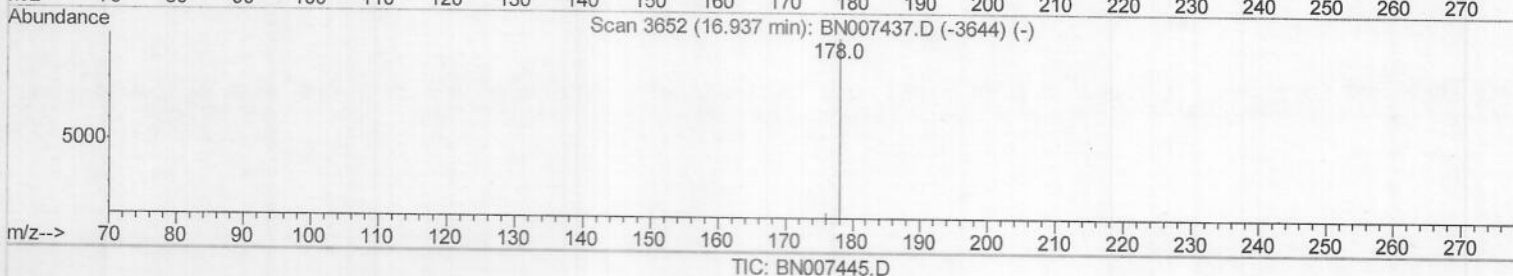
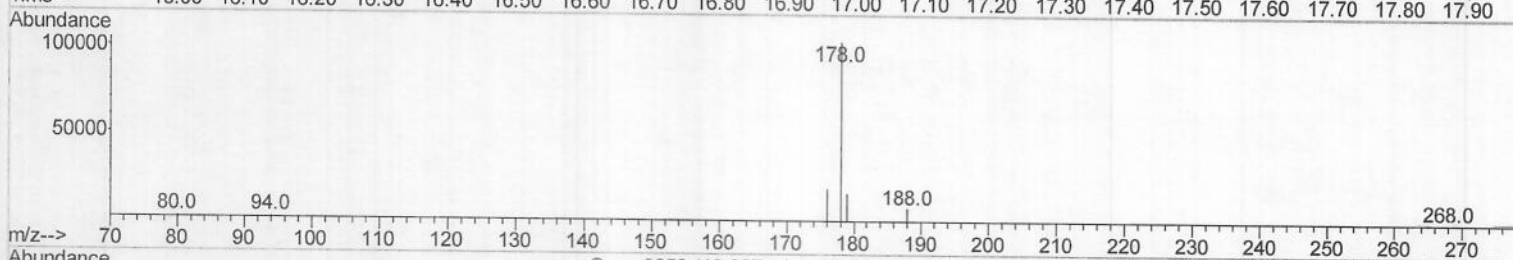
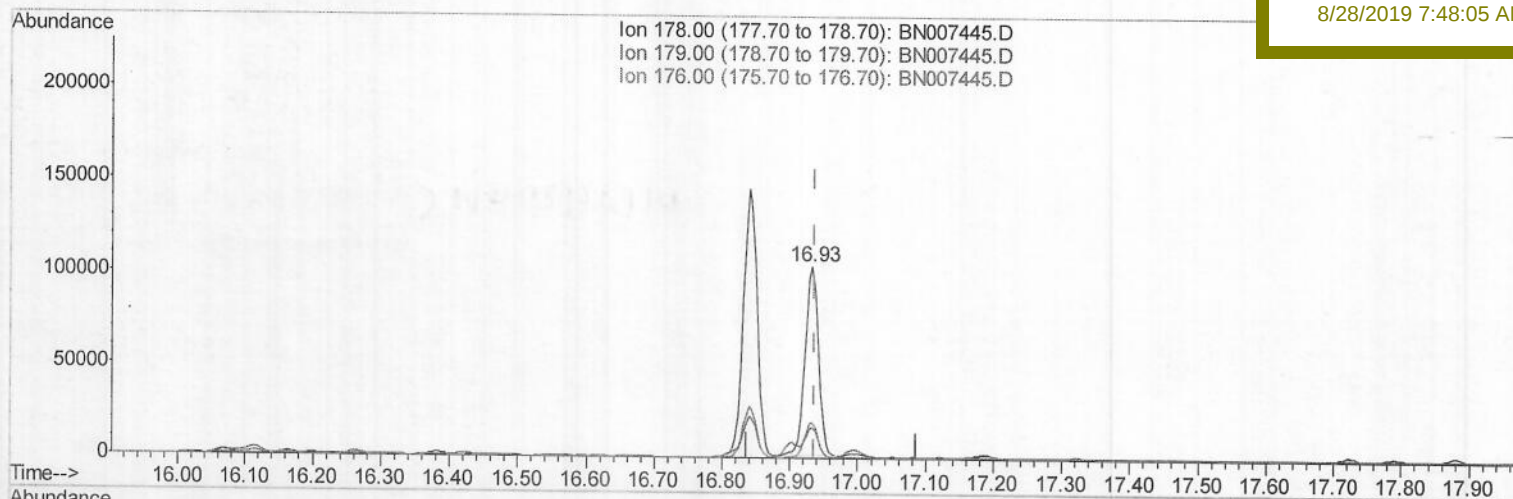
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(13) Anthracene

16.933min (-0.004) 1.86ng/ul m)JU
08/28/19

response 140238

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.87
176.00	18.20	18.23
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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 :

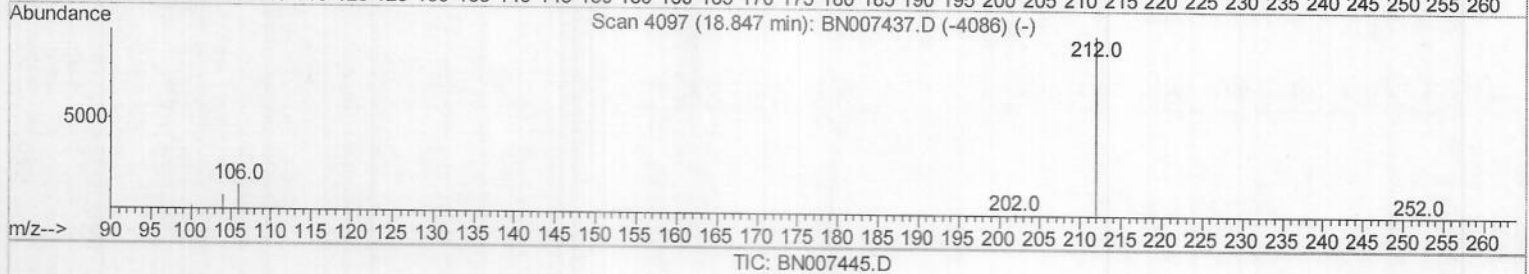
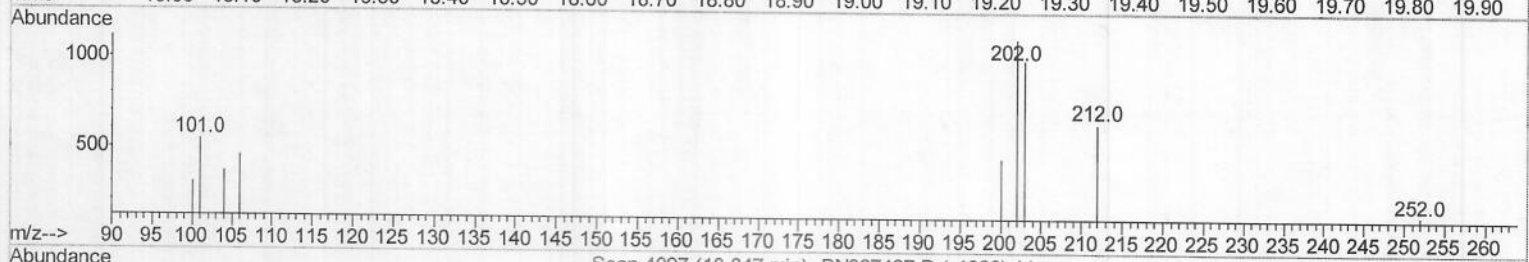
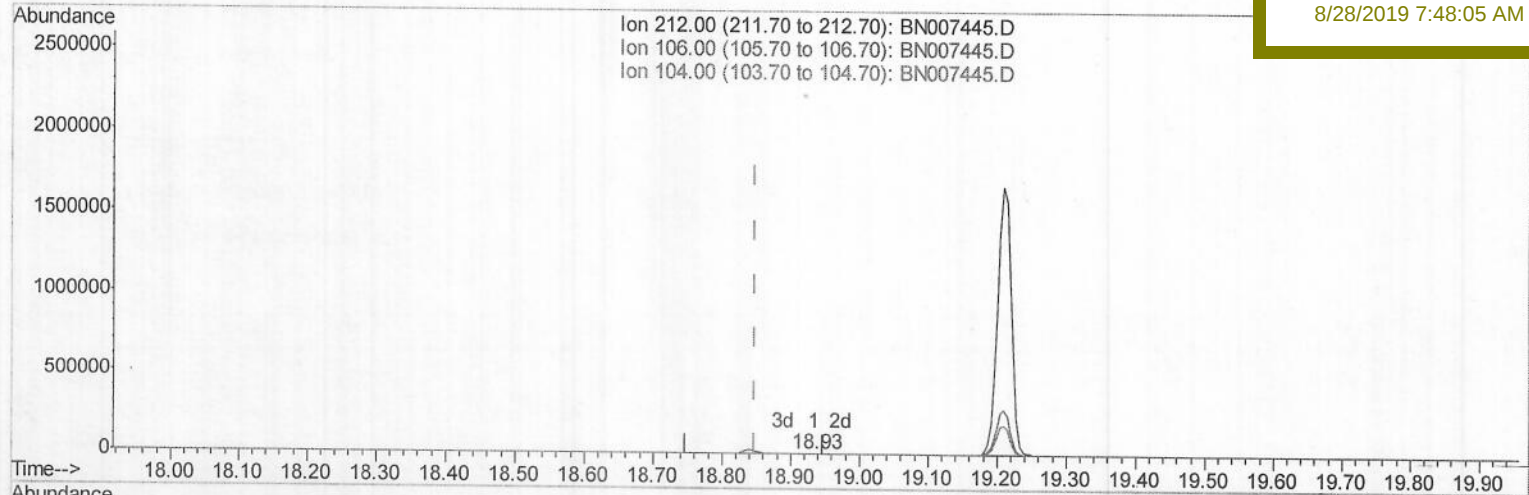
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



(14) Fluoranthene-d10 (SURR)

18.935min (+0.088) 0.00ng/ul

response 323

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	35.29#
104.00	8.00	85.14#
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

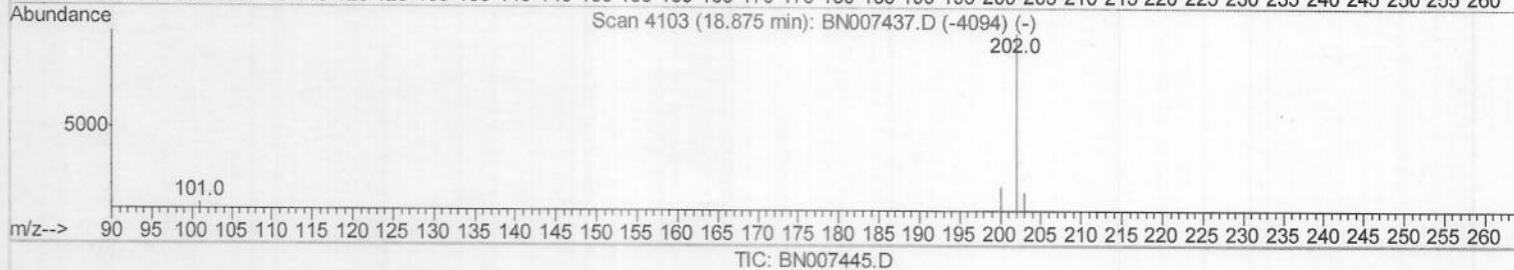
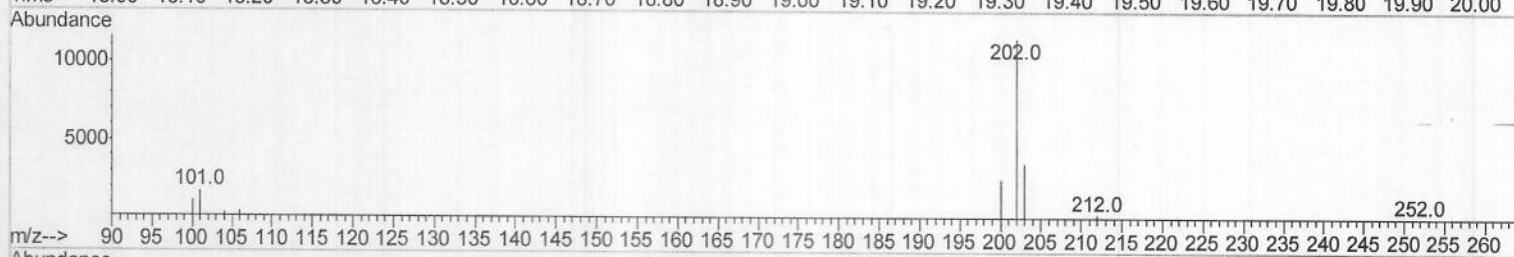
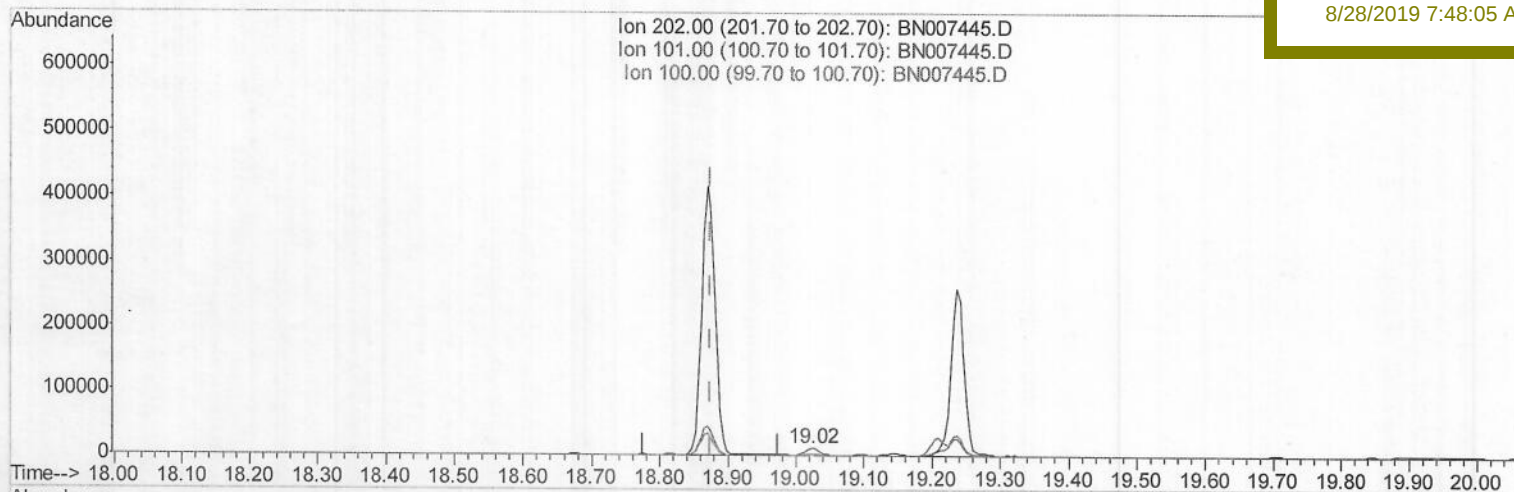
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(15) Fluoranthene (C)

19.023min (+0.149) 0.13ng/ul

response 14384

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	14.82
100.00	8.50	9.83
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

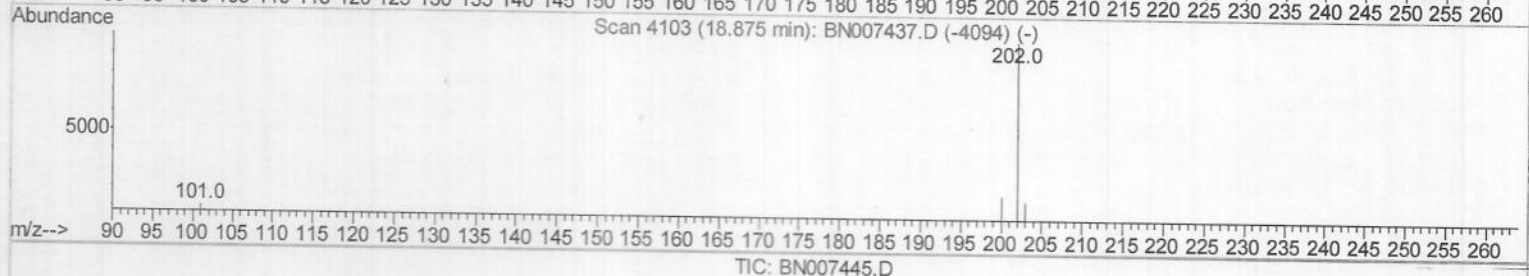
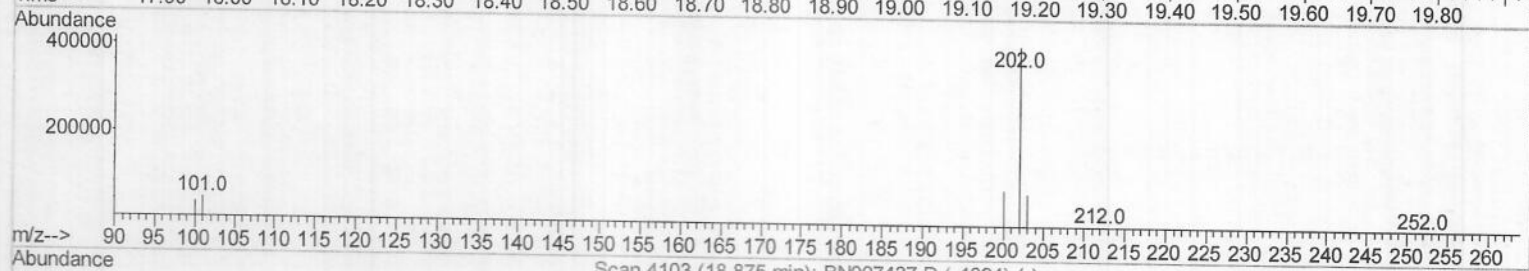
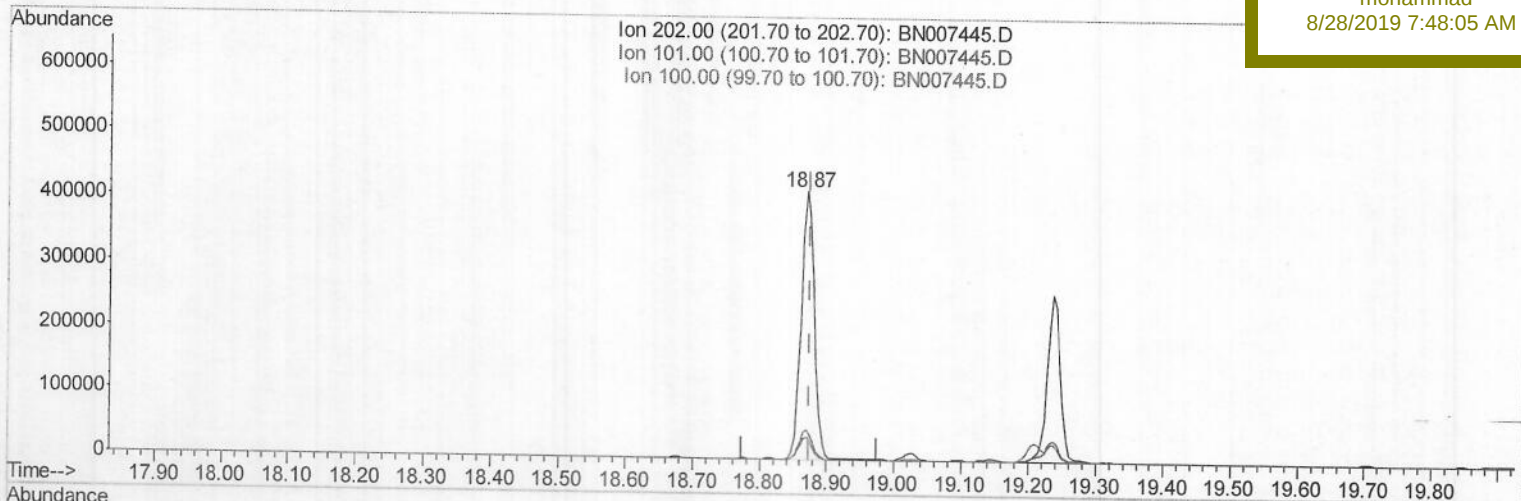
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(15) Fluoranthene (C)

18.870min (-0.005) 5.29ng/ul m)JU
08/28/19

response 565293

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	10.95
100.00	8.50	8.21
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

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Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

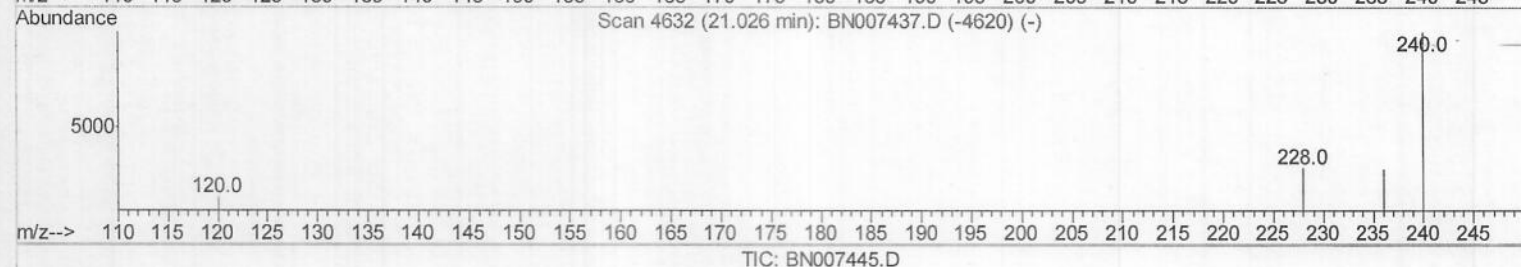
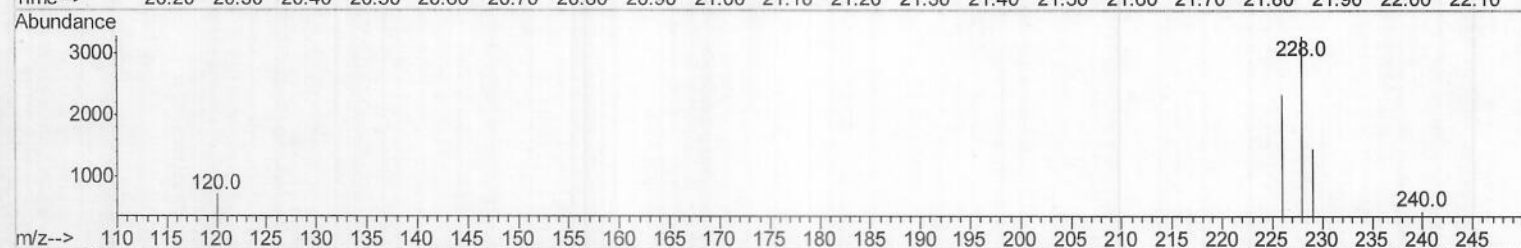
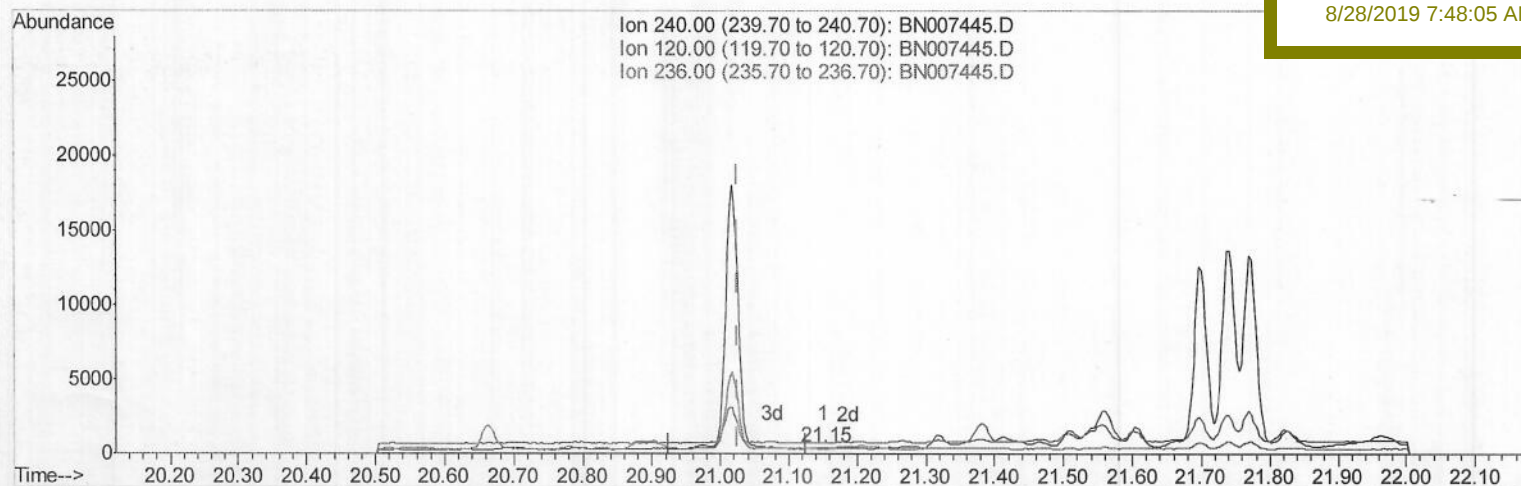
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

TIC: BN007445.D

(16) Chrysene-d12 (I)

21.151min (+0.126) 0.40ng/ul

response 153

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	160.04#
236.00	28.60	81.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007445.D
 Acq On : 27 Aug 2019 23:05
 Operator : HP/JU
 Sample : K4337-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:23:06 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

Client Sampled :

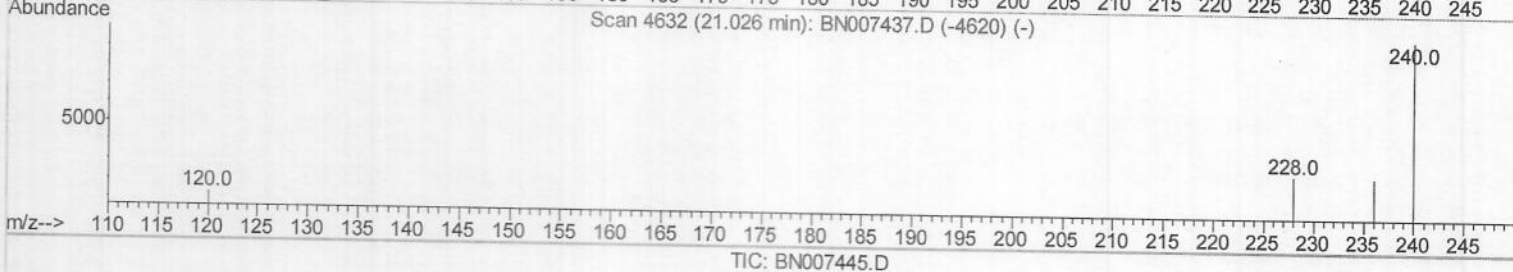
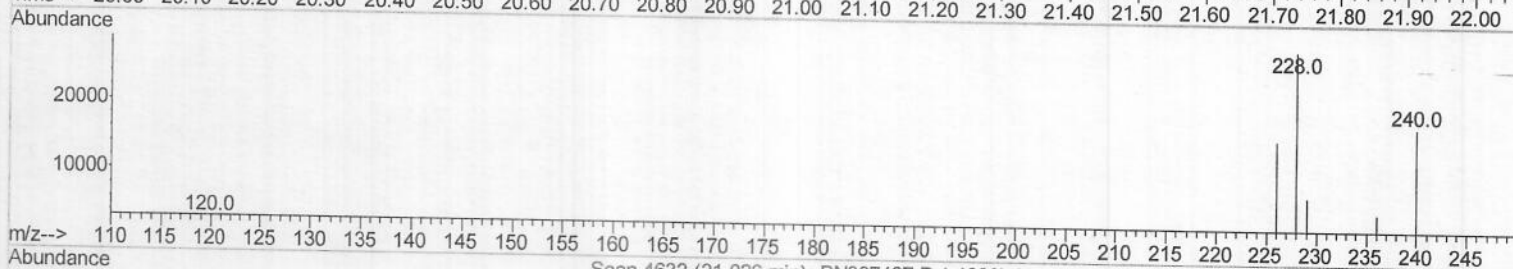
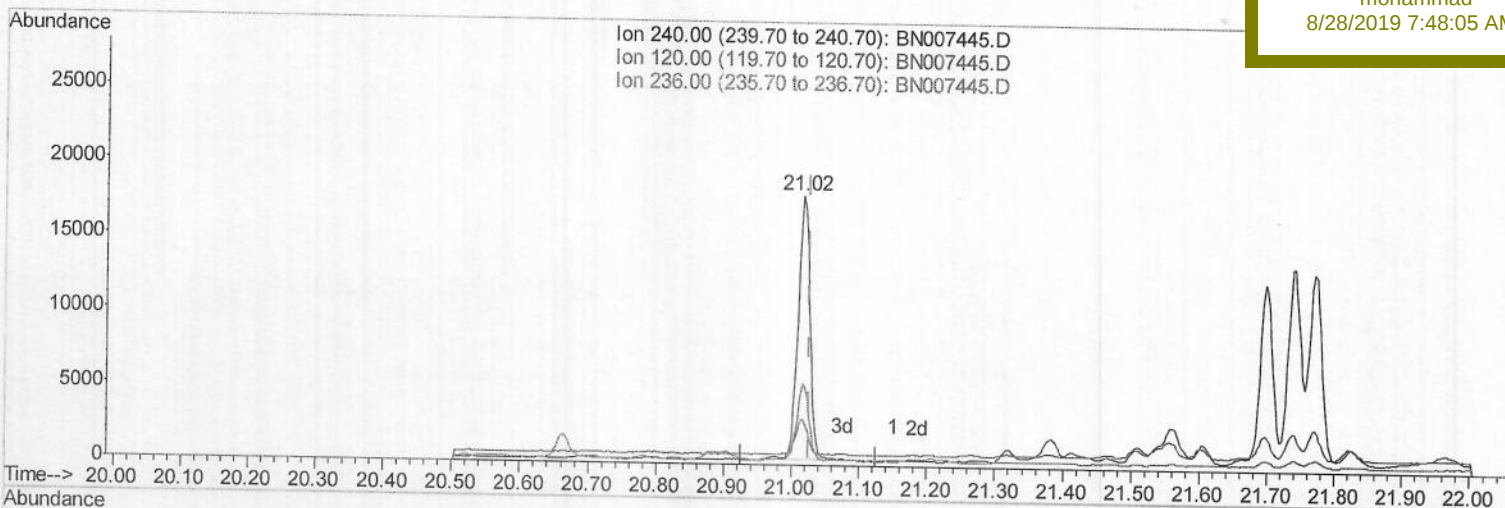
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



(16) Chrysene-d12 (I)

21.017min (-0.009) 0.40ng/ul m

response 21400

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	17.40
236.00	28.60	30.68
0.00	0.00	0.00

JU
08/28/19

Quantitation Report (Qedit)

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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 :

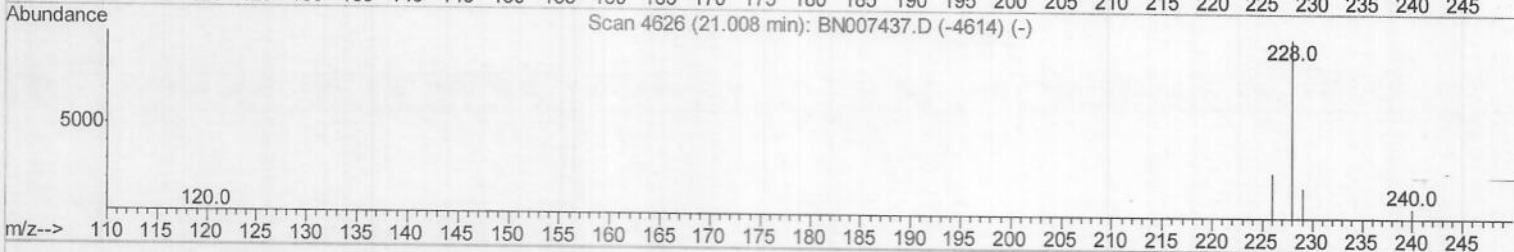
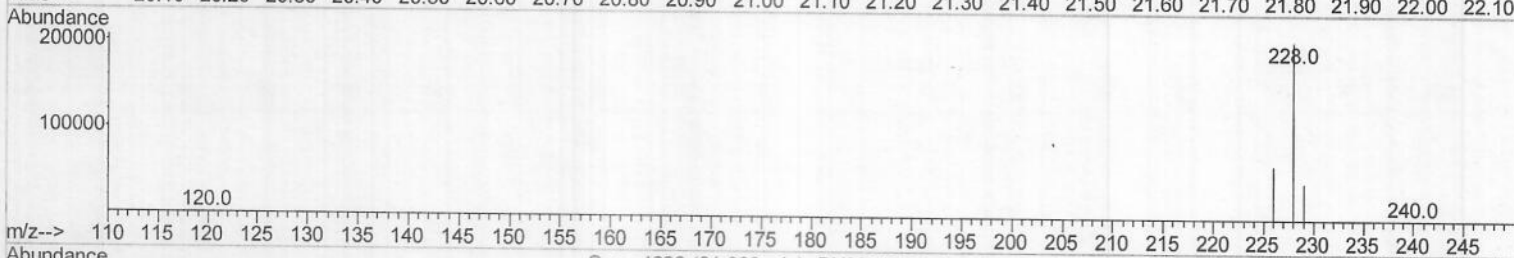
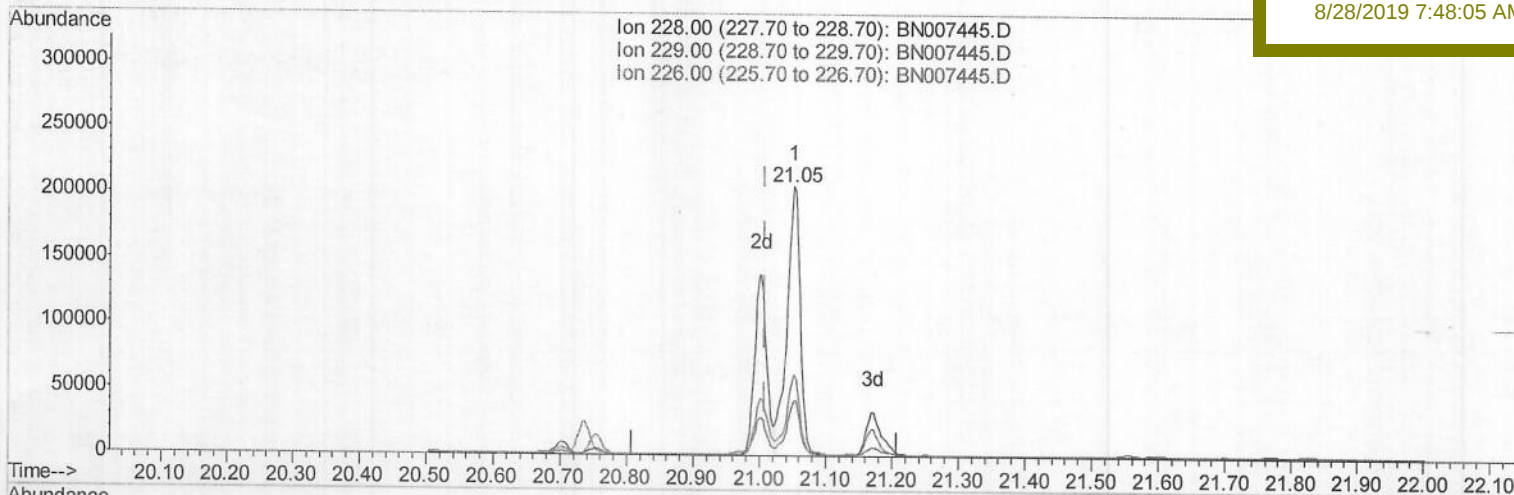
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



TIC: BN007445.D

(18) Benzo(a)anthracene

21.052min (+0.044) 3.01ng/ul

response 288247

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.65
226.00	27.50	30.12
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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 :

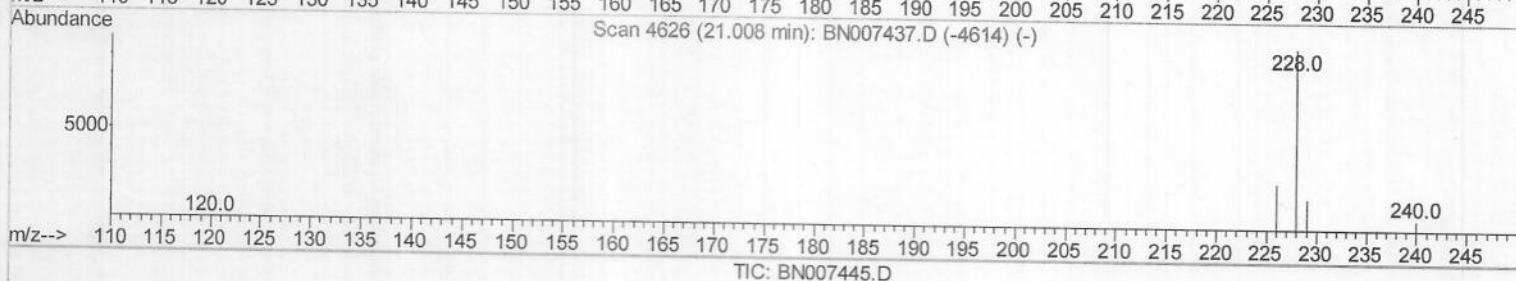
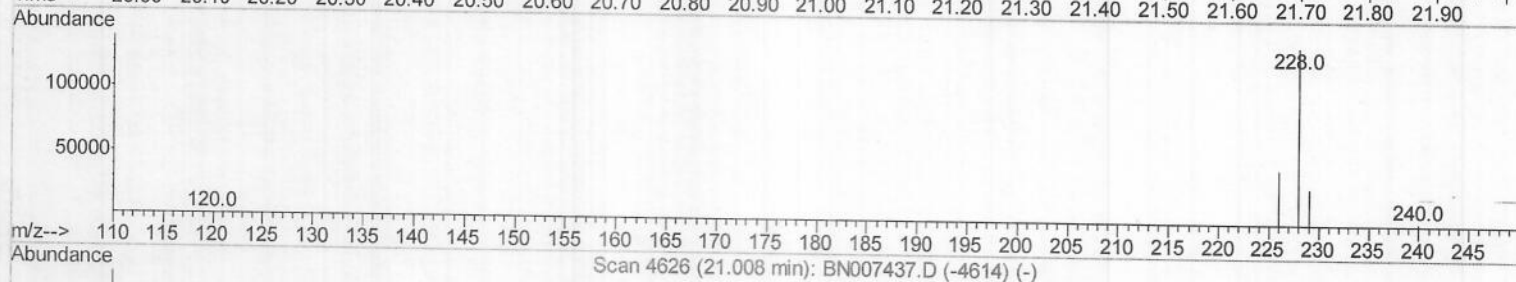
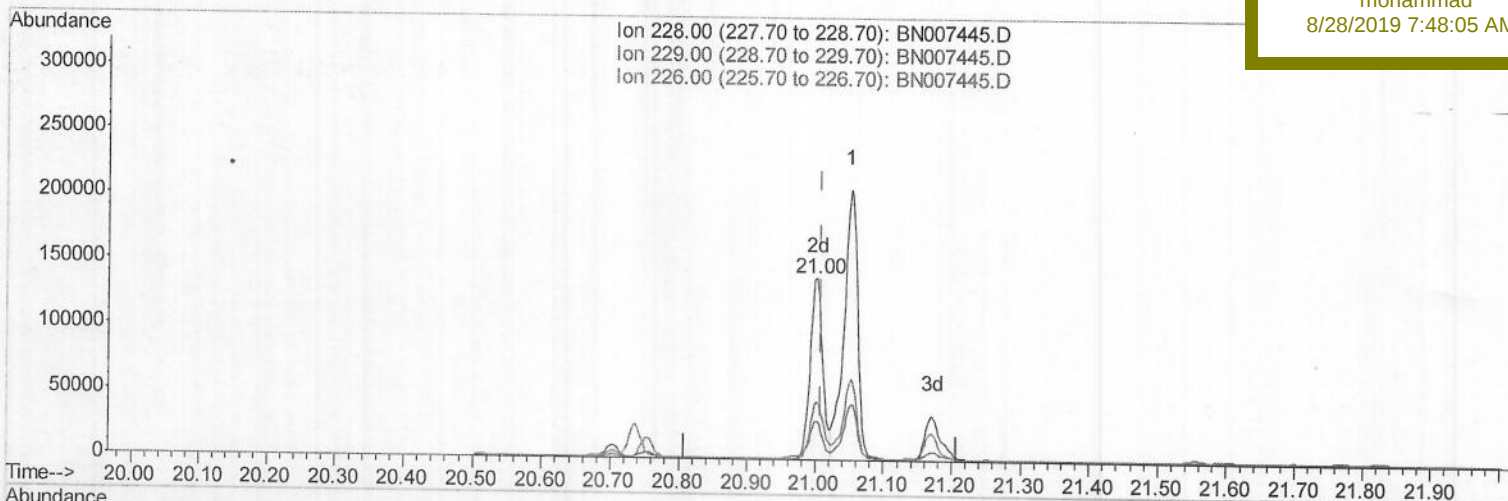
C0AG0

Manual Integrations

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mohammad

8/28/2019 7:48:05 AM



(18) Benzo(a)anthracene

21.002min (-0.006) 1.85ng/ul m JU
08/28/19

response 177048

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.16
226.00	27.50	31.79
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007445.D
Acq On : 27 Aug 2019 23:05
Operator : HP/JU
Sample : K4337-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

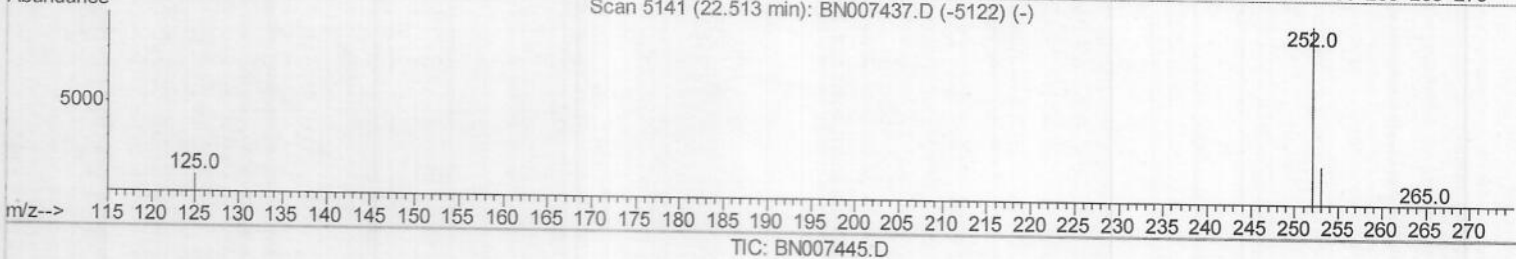
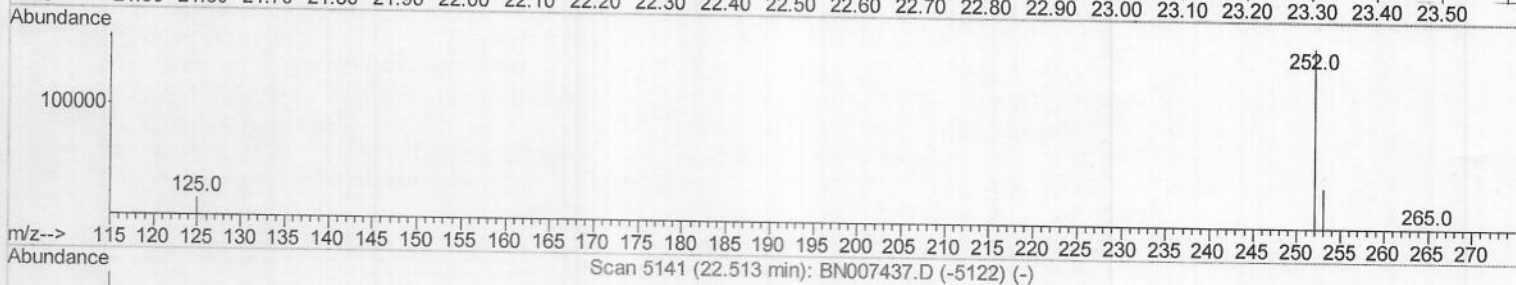
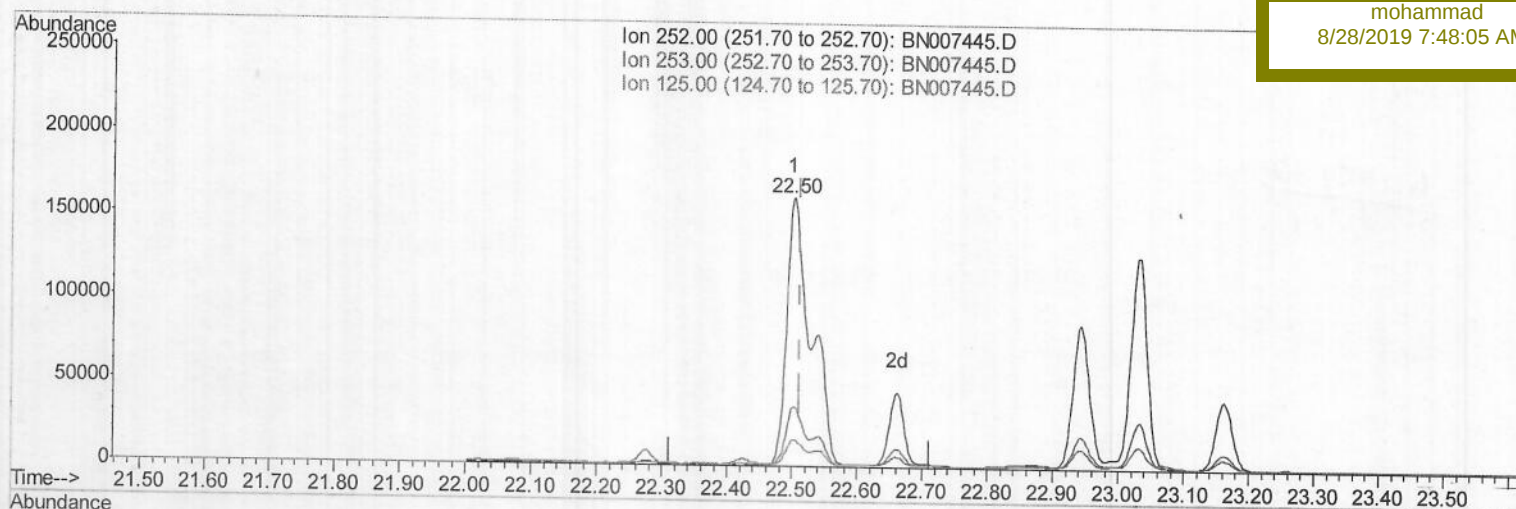
Quant Time: Aug 28 00:25:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(21) Benzo(b)fluoranthene

22.501min (-0.012) 4.09ng/ul

response 424108

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	22.48
125.00	12.40	9.86
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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

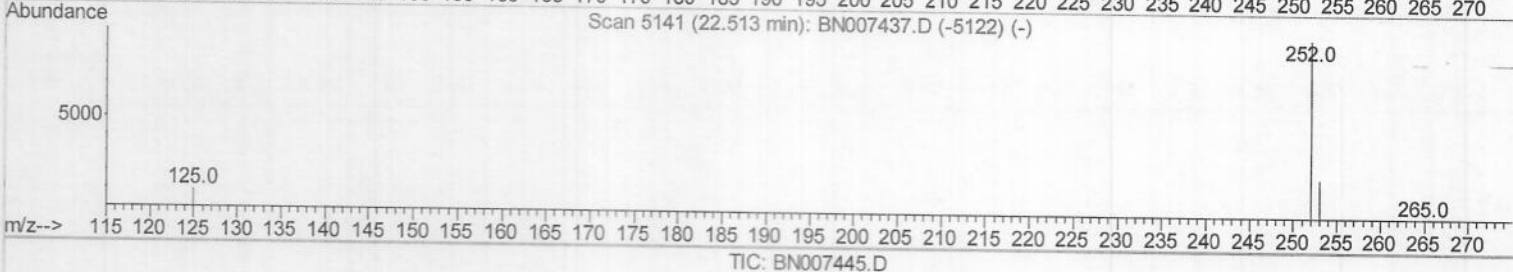
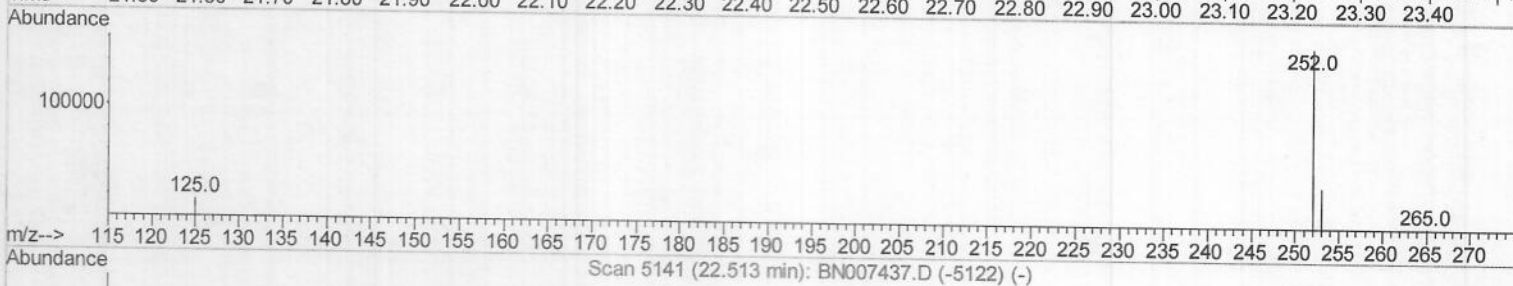
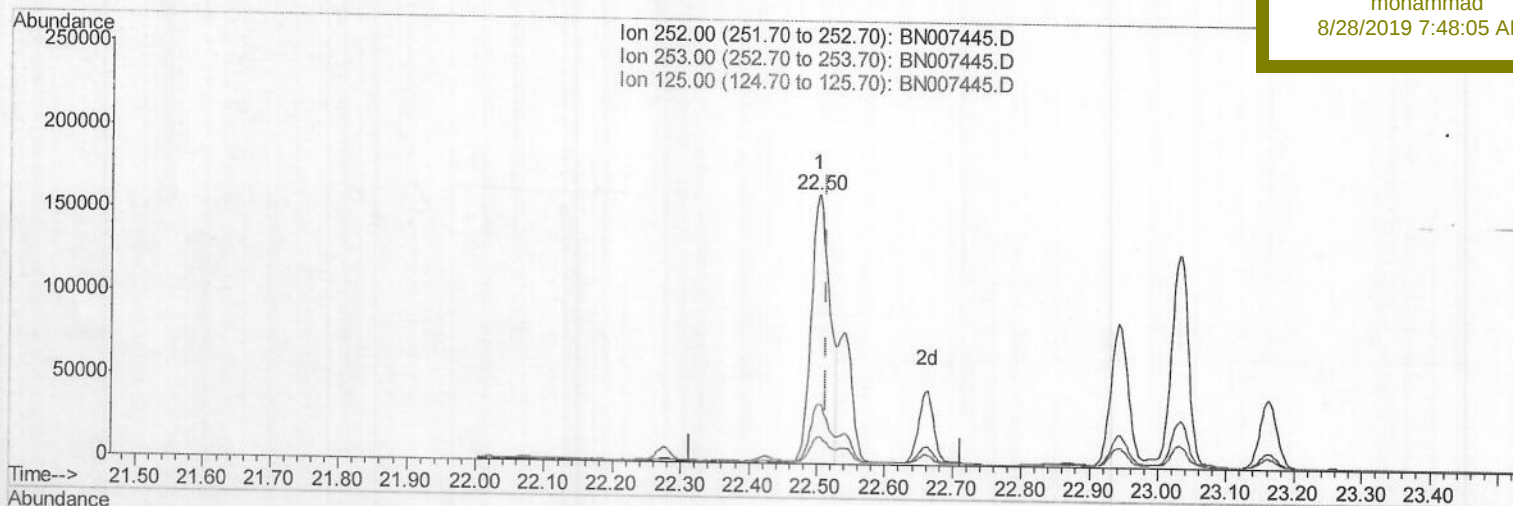
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(21) Benzo(b)fluoranthene

22.501min (-0.012) 2.97ng/ul m

response 308350

JU
08/28/19

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	22.48
125.00	12.40	9.86
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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

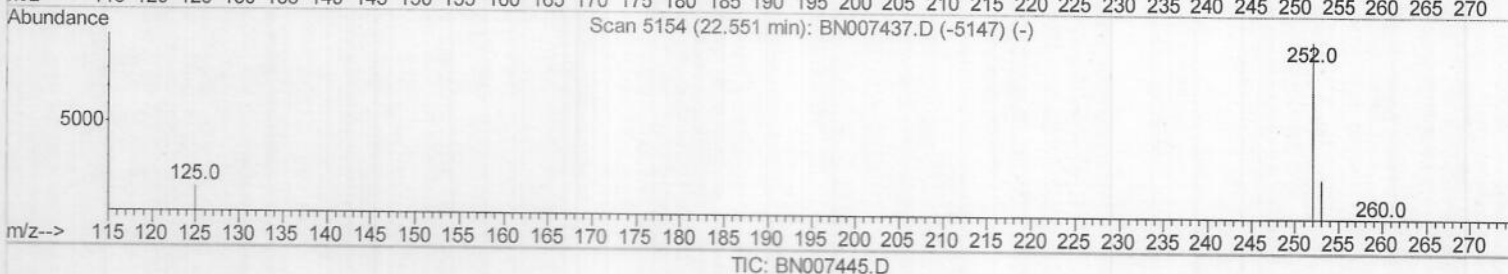
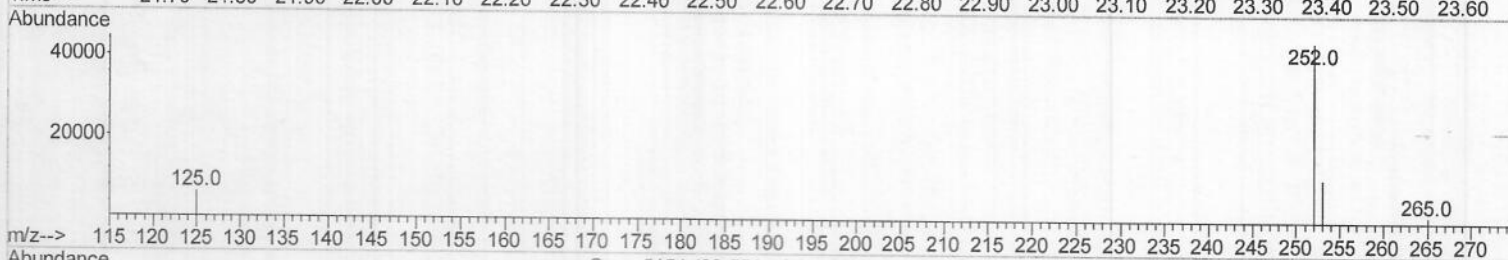
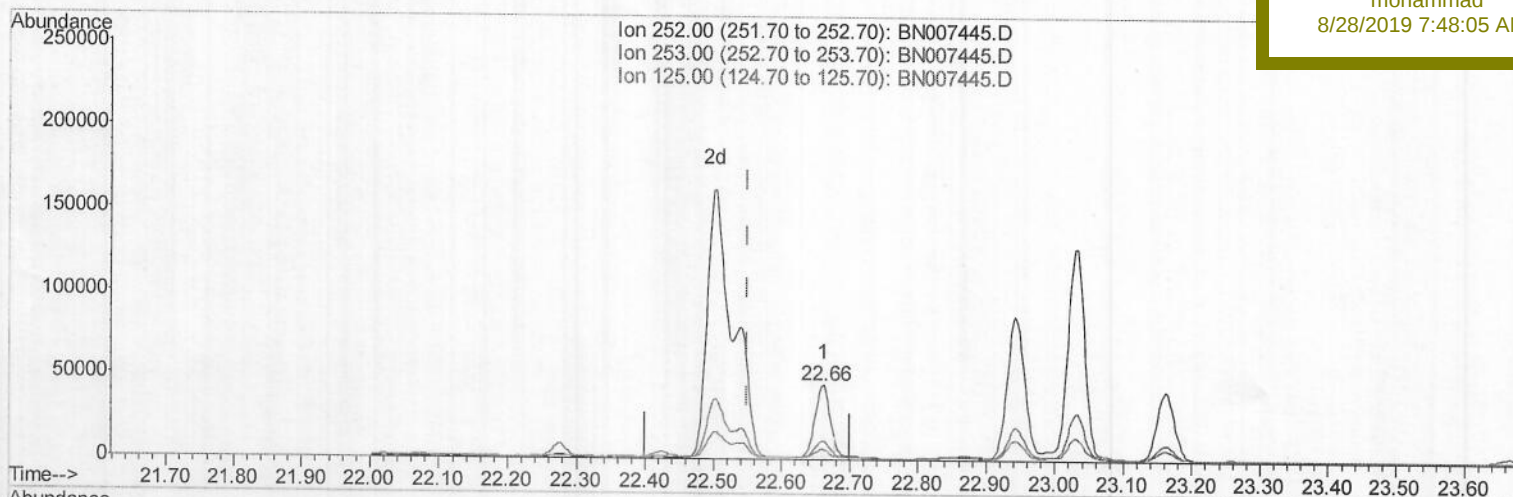
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

C0AG0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:48:05 AM

(22) Benzo(k)fluoranthene

22.662min (+0.111) 0.59ng/ul

response 64110

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	24.19
125.00	15.50	14.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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 :

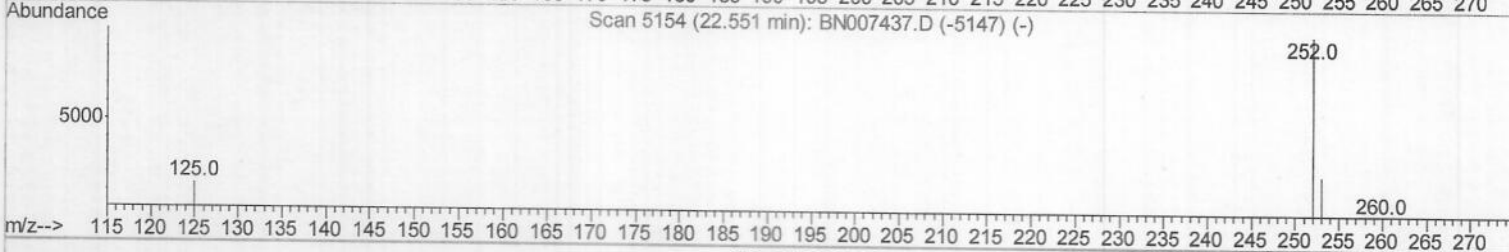
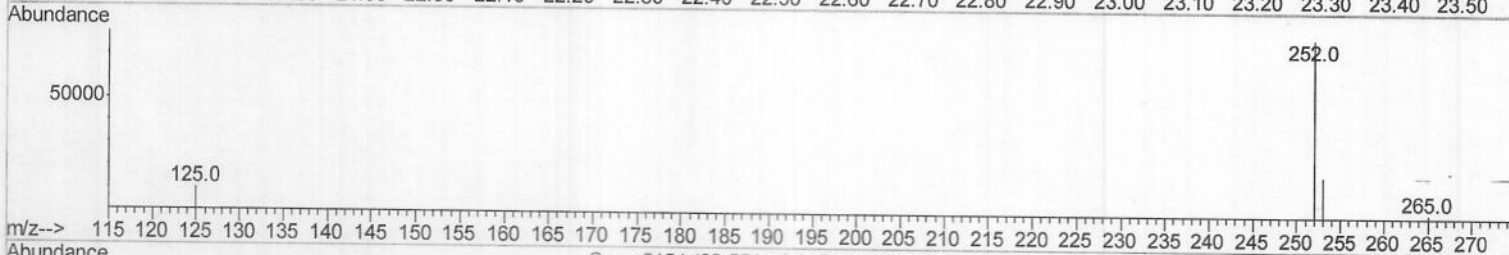
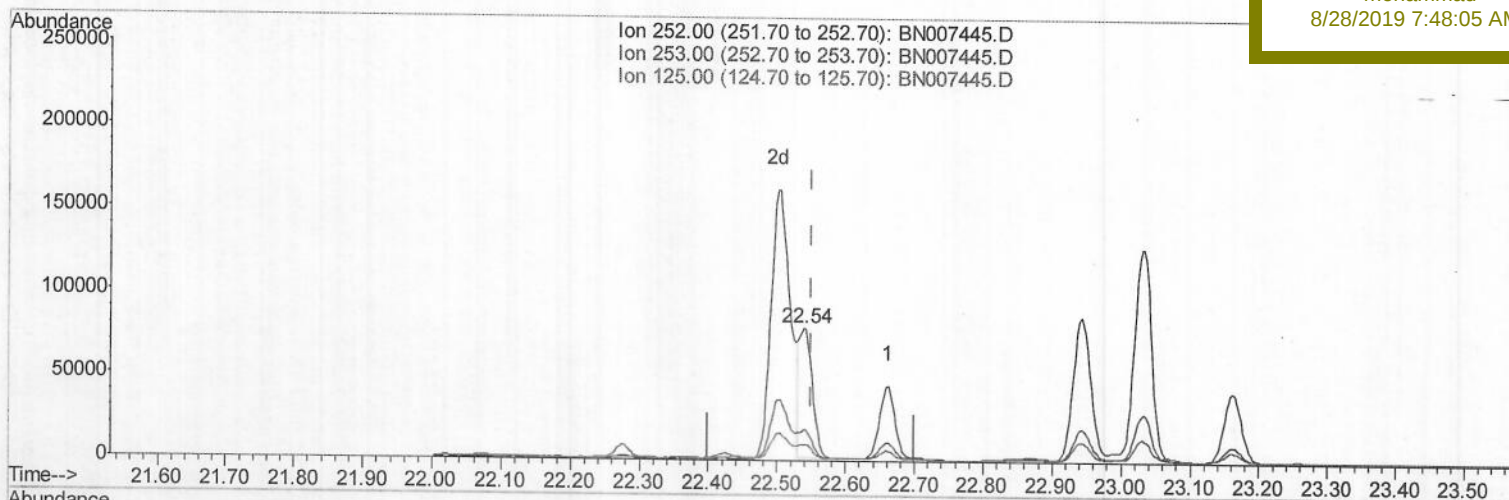
C0AG0

Manual Integrations

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8/28/2019 7:48:05 AM



(22) Benzo(k)fluoranthene

22.539min (-0.012) 0.93ng/ul m

response 100827

Ion Exp% Act%

252.00 100 100

253.00 23.40 23.21

125.00 15.50 12.47

0.00 0.00 0.00

JU
08/28/19

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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

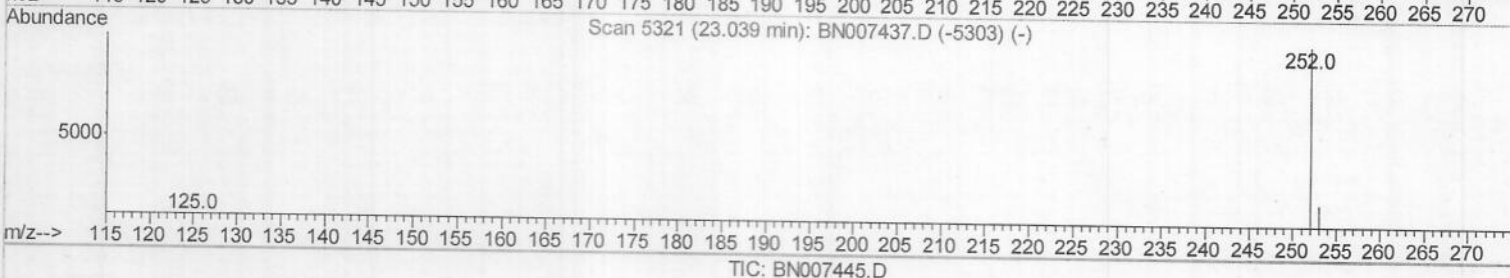
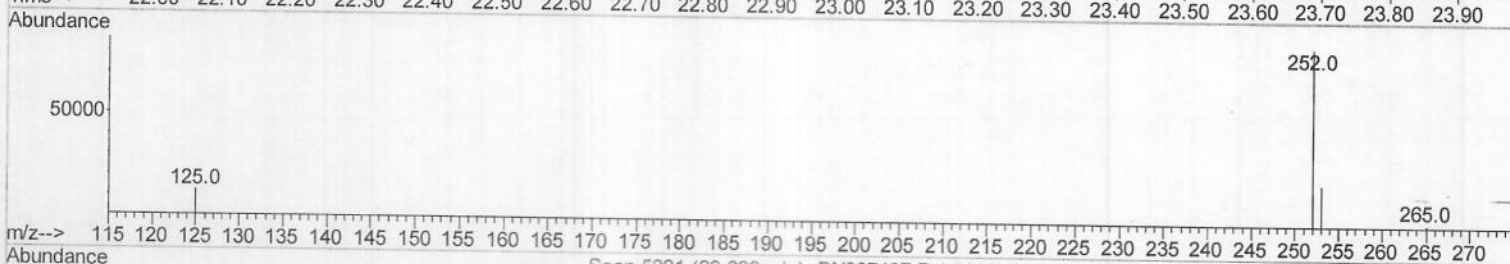
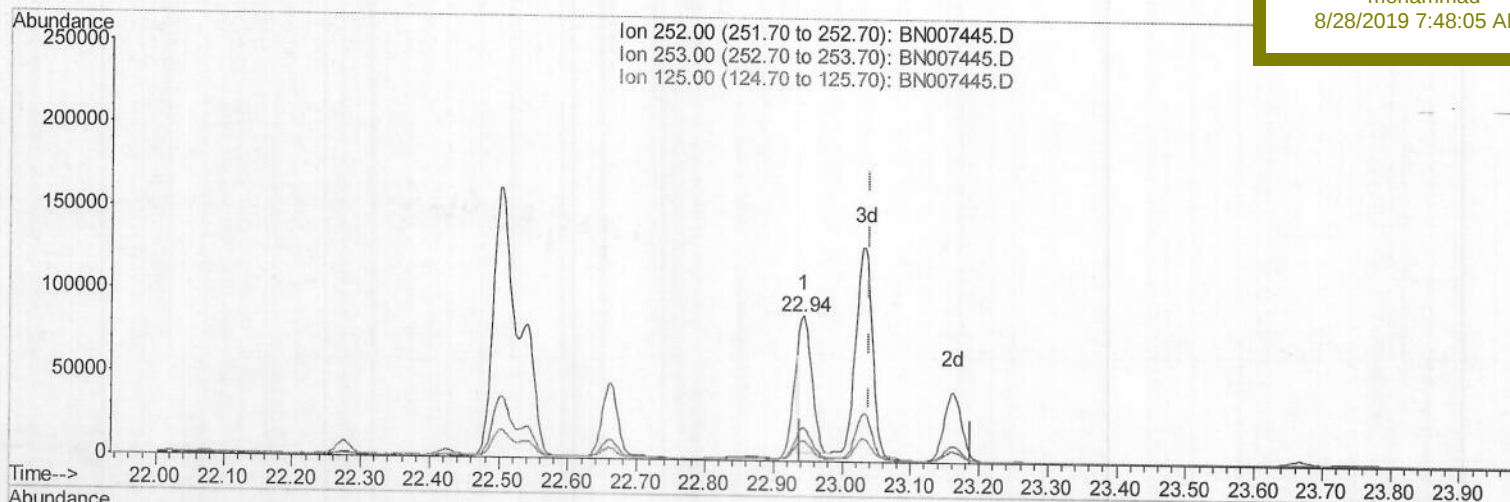
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AG0

Manual Integrations
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8/28/2019 7:48:05 AM

(23) Benzo(a)pyrene (C)

22.943min (-0.096) 1.02ng/ul

response 104989

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	22.61
125.00	14.00	13.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:25:45 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 :

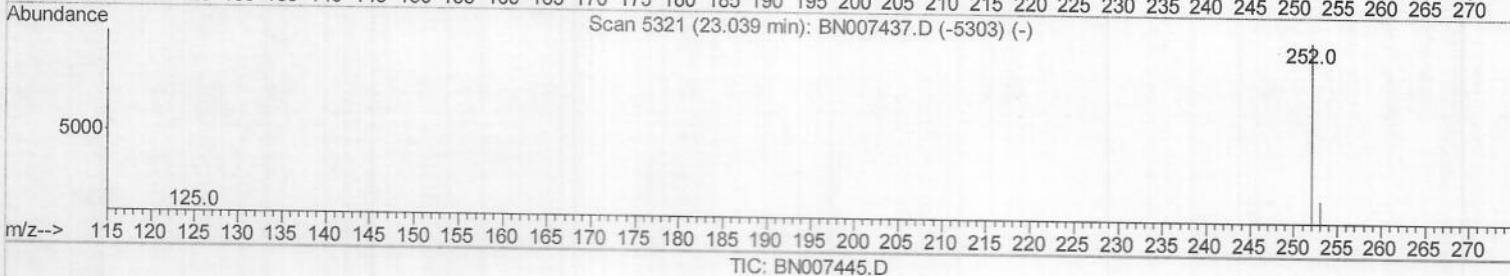
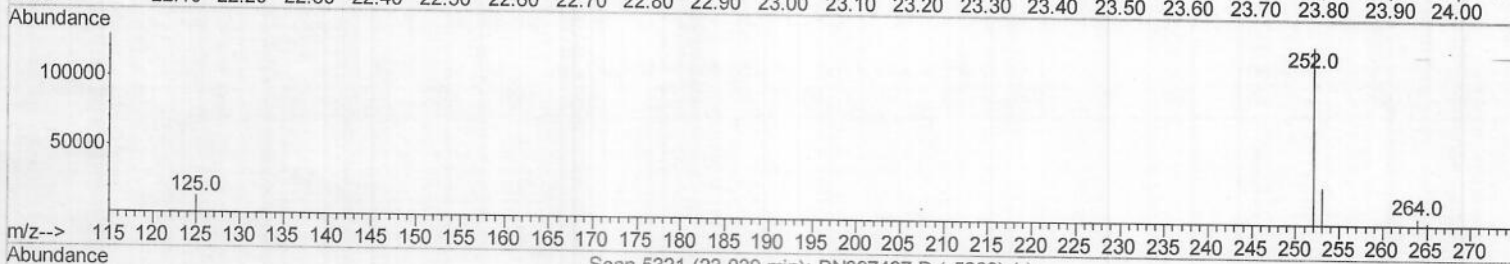
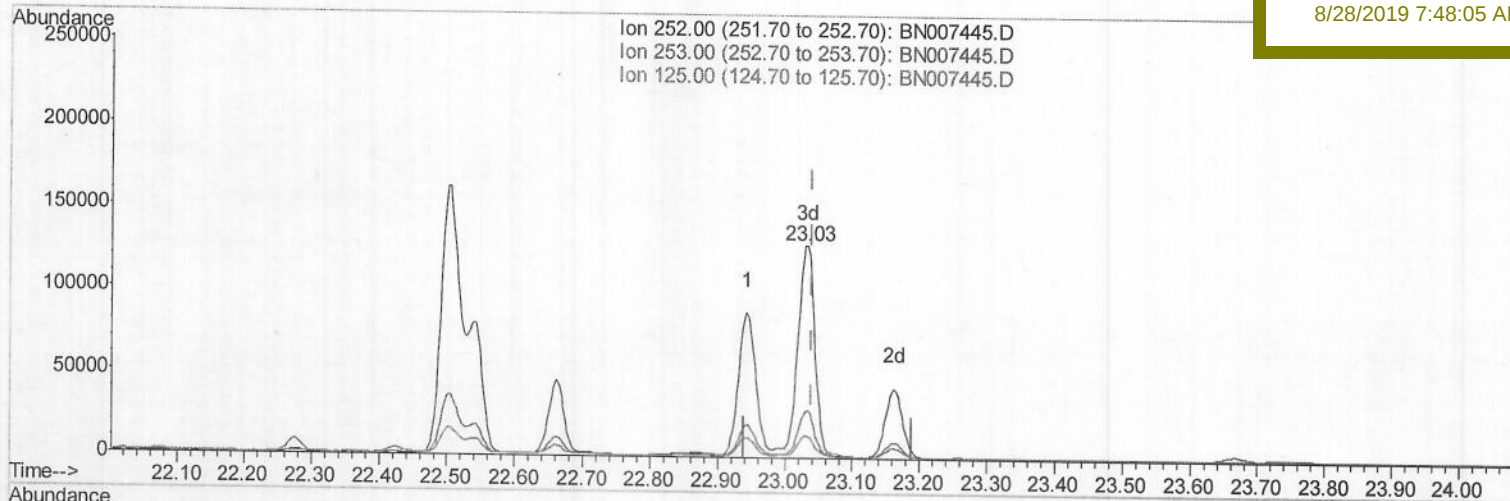
C0AG0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:48:05 AM



(23) Benzo(a)pyrene (C)

23.033min (-0.006) 2.10ng/ul m
response 217465

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	22.22
125.00	14.00	10.56#
0.00	0.00	0.00

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

Data File : BN007445.D

Acq On : 27 Aug 2019 23:05

Operator : HP/JU

Sample : K4337-15

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 28 00:28:17 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

Client Sampled :

C0AG0

Manual Integrations

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8/28/2019 7:48:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21672	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12460	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25573m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21400m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	23755	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.76	152	11444	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	28198m	0.34	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.20	128	823858	13.462	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	8673	0.211	ng/ul	100
7) Acenaphthylene	13.76	152	71310	1.029	ng/ul	98
8) Acenaphthene	14.11	153	1218589	24.462	ng/ul	98
9) Fluorene	15.11	166	750462	13.922	ng/ul	98
11) Pentachlorophenol	16.46	266	887m	0.154	ng/ul	
12) Phenanthrene	16.84	178	204964m	2.568	ng/ul	
13) Anthracene	16.93	178	140238m	1.865	ng/ul	
15) Fluoranthene	18.87	202	565293m	5.293	ng/ul	
17) Pyrene	19.24	202	353450	3.376	ng/ul	98
18) Benzo(a)anthracene	21.00	228	177048m	1.850	ng/ul	
19) Chrysene	21.05	228	286193	2.786	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	308350m	2.971	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	100827m	0.929	ng/ul	
23) Benzo(a)pyrene	23.03	252	217465m	2.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	137444	1.187	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.19	278	31961	0.349	ng/ul	96
26) Benzo(a,h,i)perylene	25.80	276	134476	1.360	ng/ul	99

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