

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:14:55 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

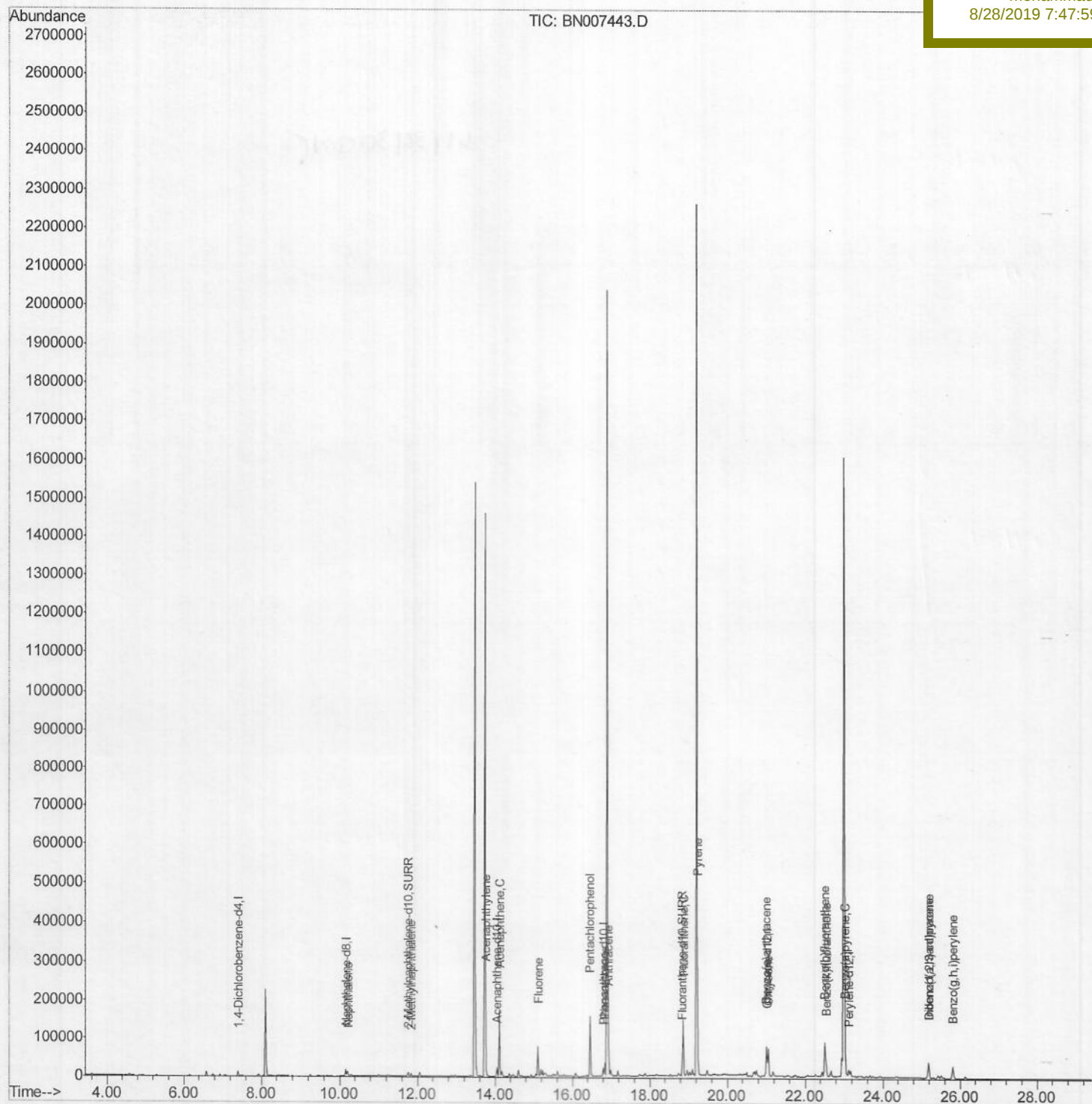
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:15 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 :

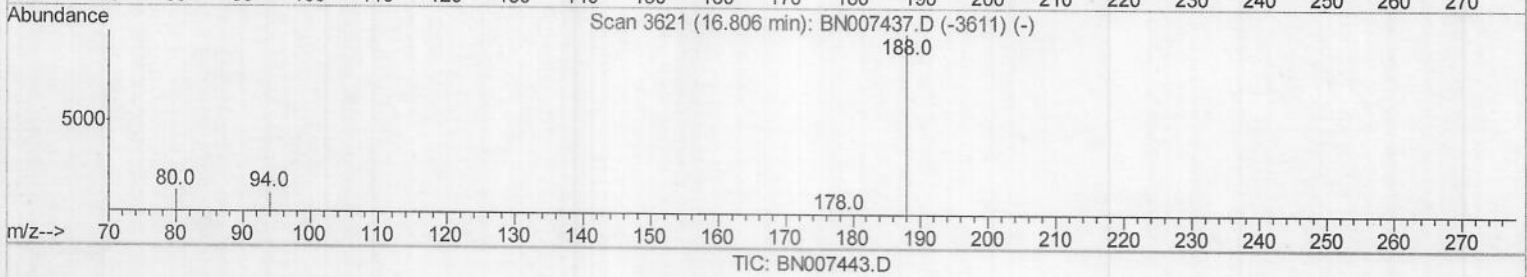
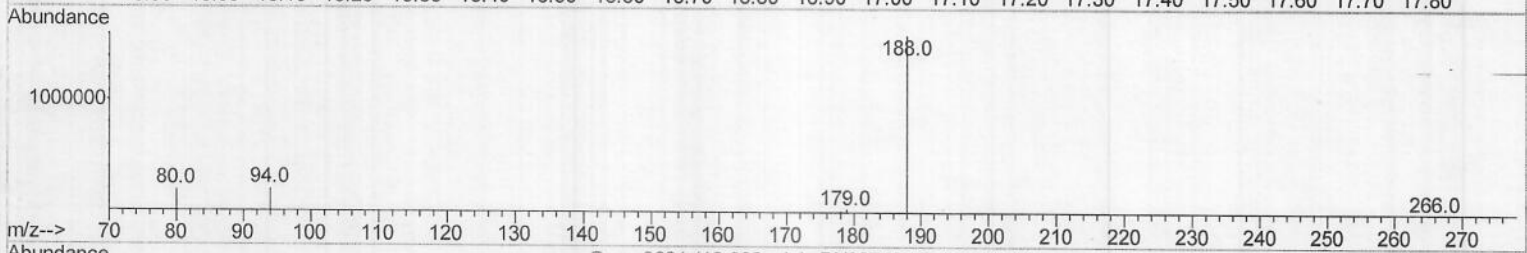
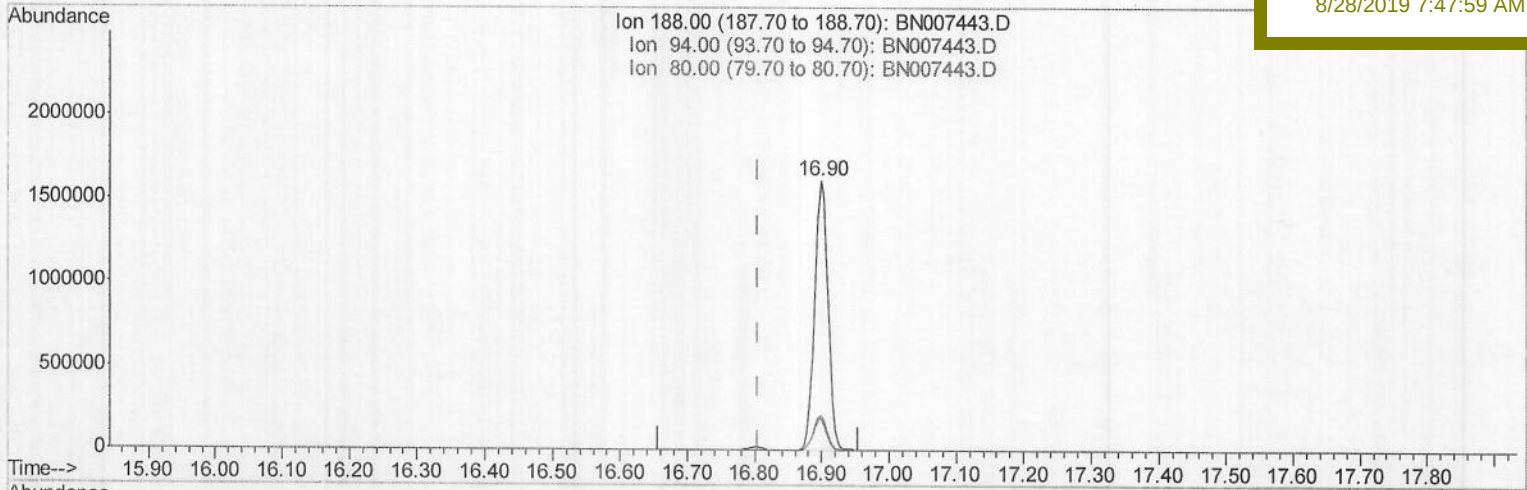
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 2195912

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.68
80.00	12.40	11.70
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:15 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

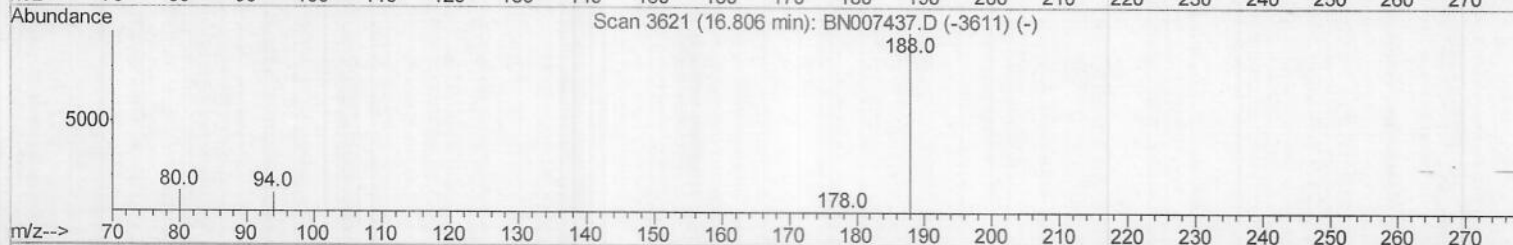
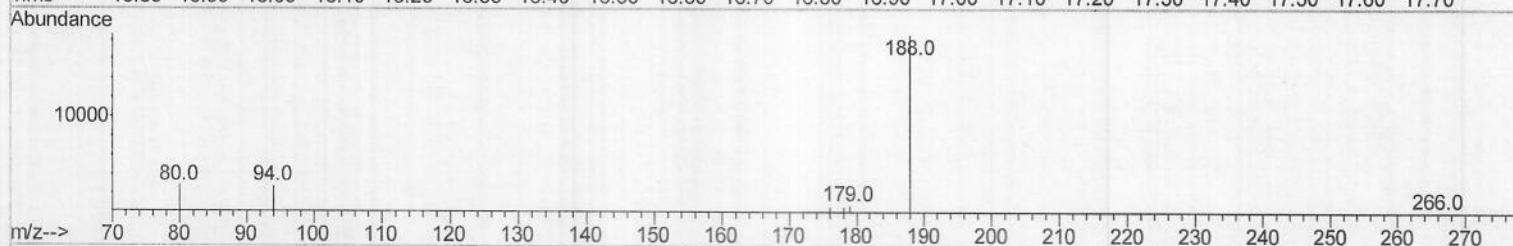
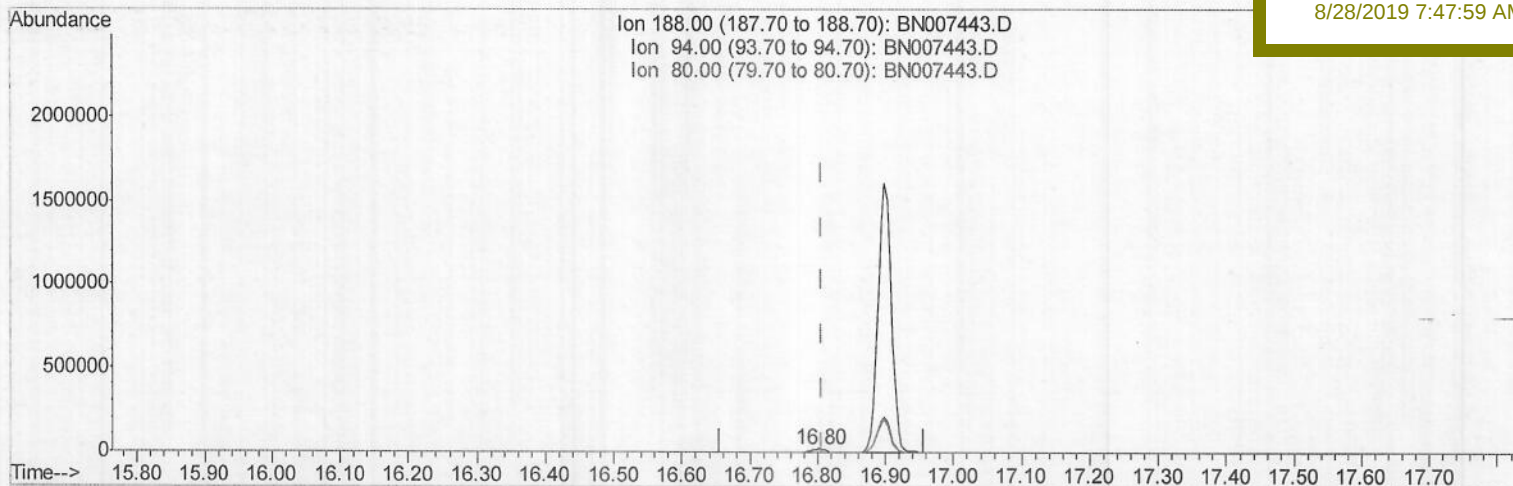
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

TIC: BN007443.D

(10) Phenanthrene-d10 (I)

16.802min (-0.004) 0.40ng/ul m) JU
08/28/19

response 26316

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	14.71#
80.00	12.40	14.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:57 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 :

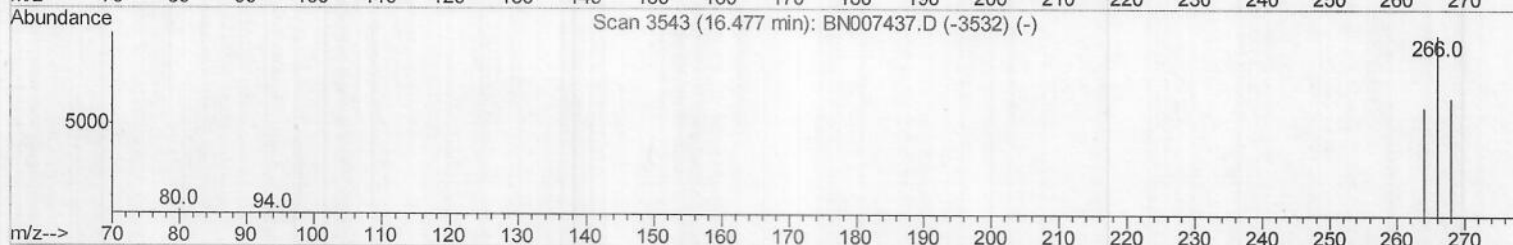
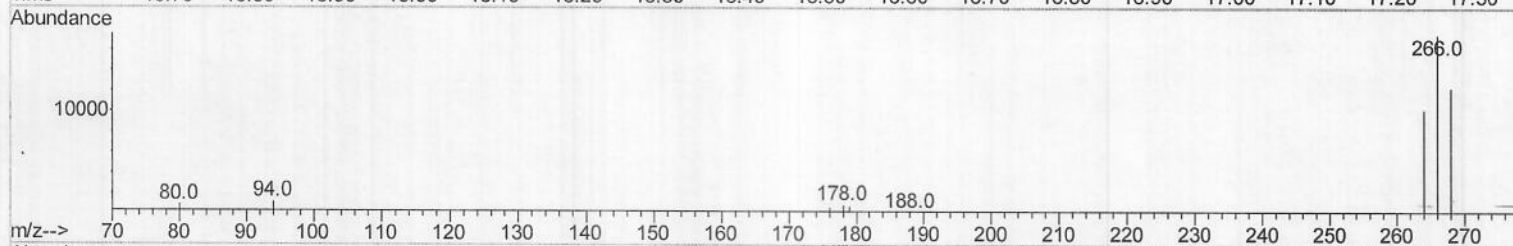
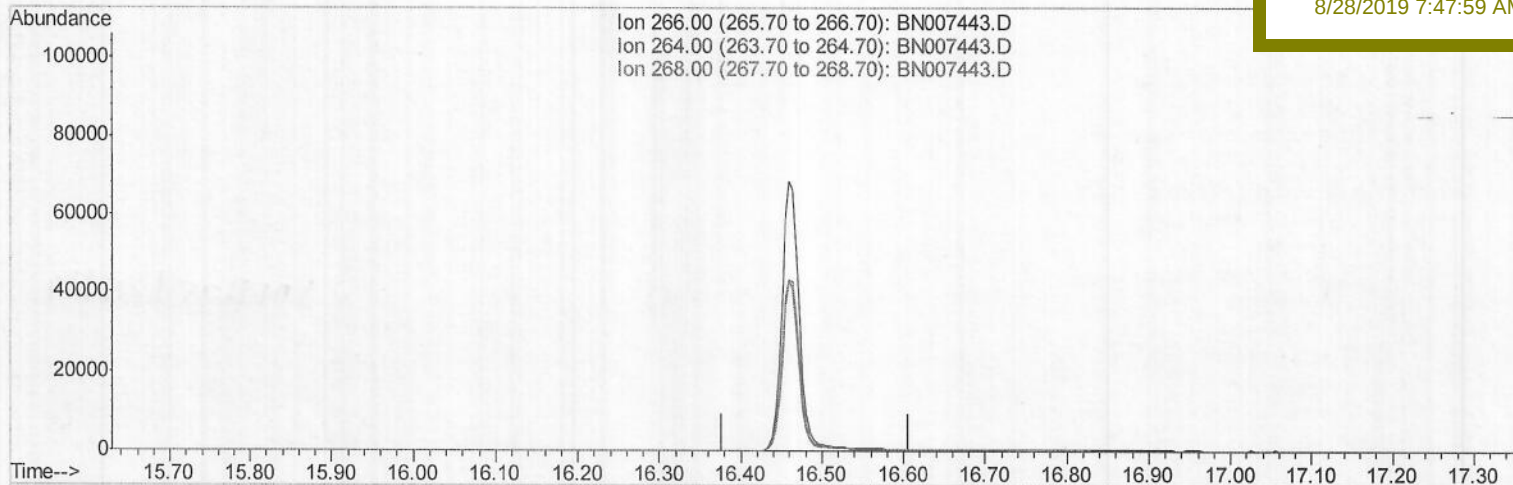
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



TIC: BN007443.D

(11) Pentachlorophenol

16.477min (-16.477) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
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 : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:57 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 :

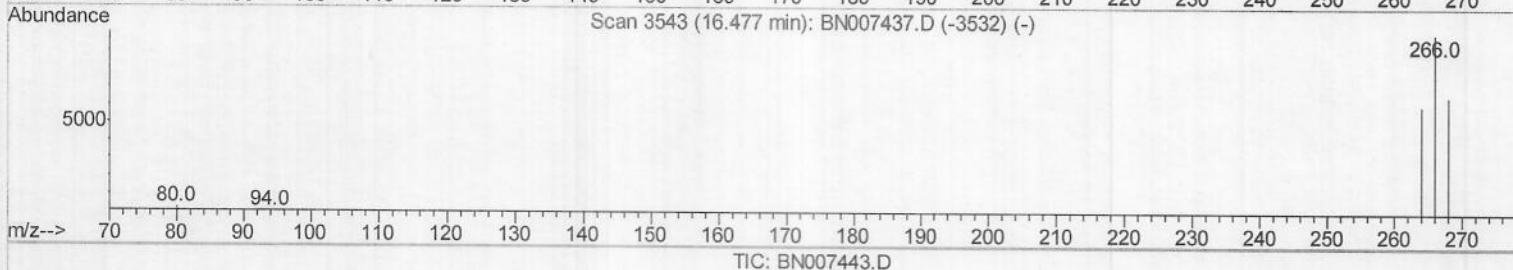
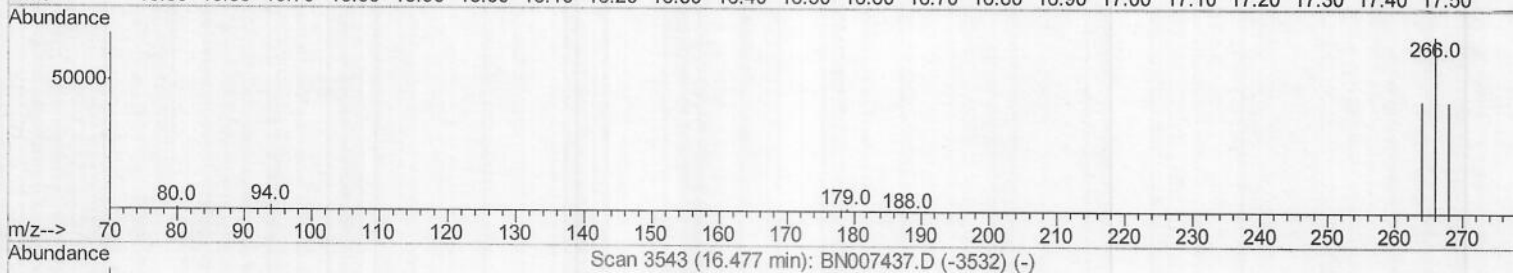
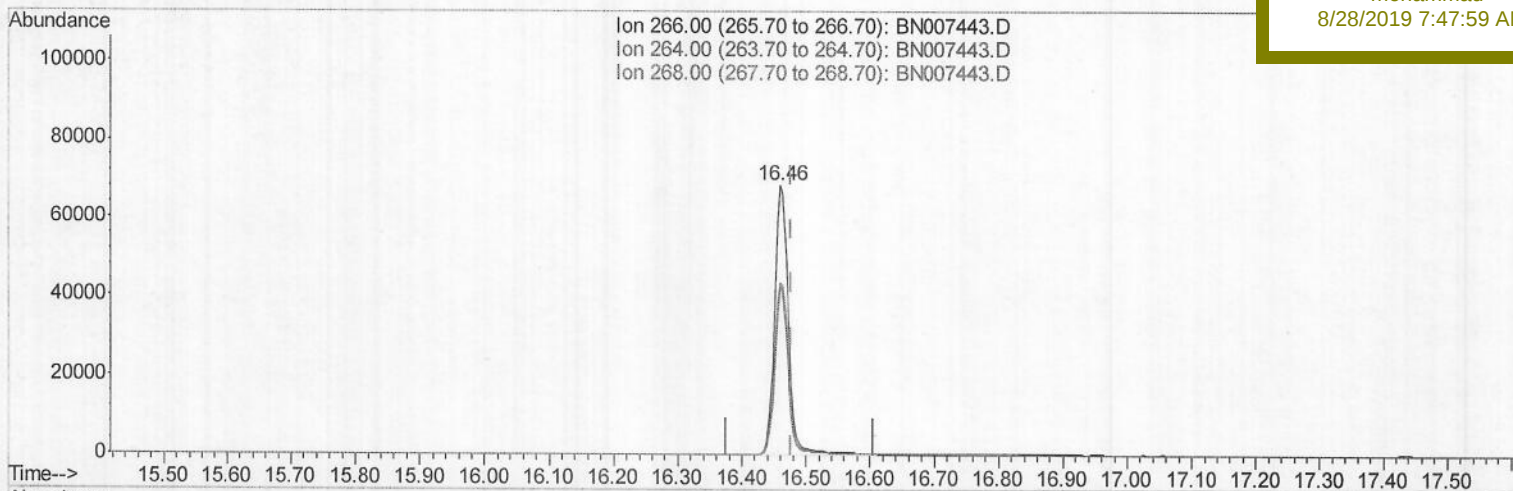
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(11) Pentachlorophenol

16.460min (-0.017) 17.27ng/ul m

response 102414

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 : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:57 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

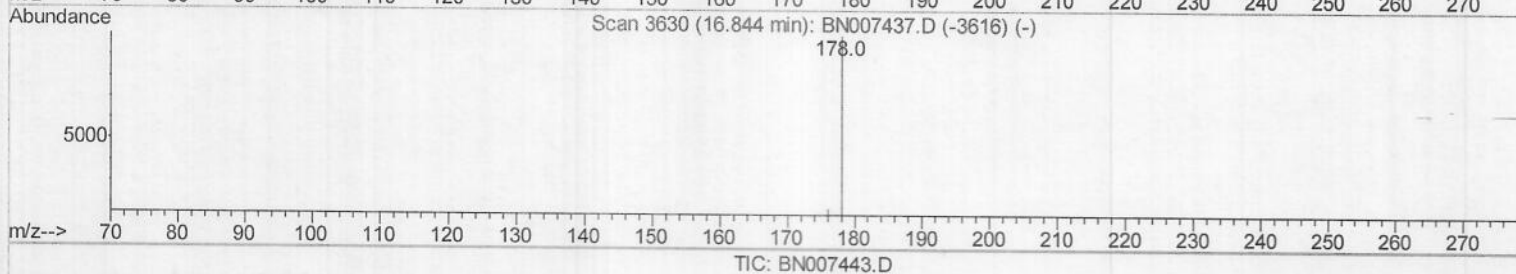
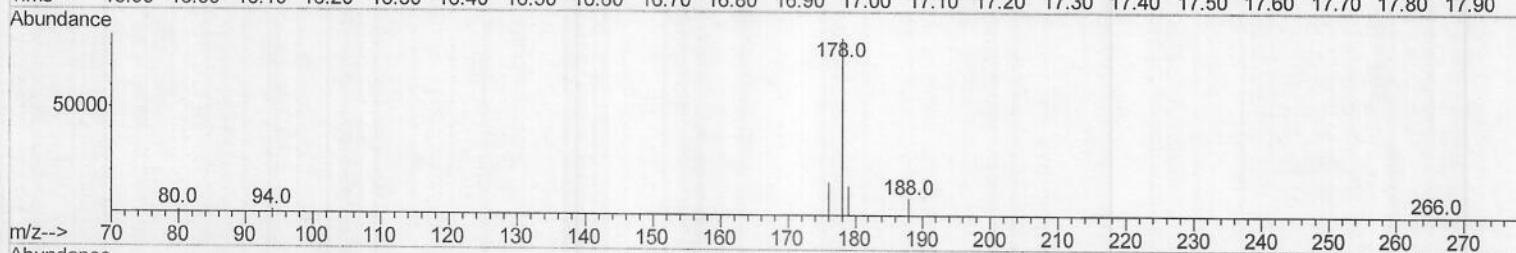
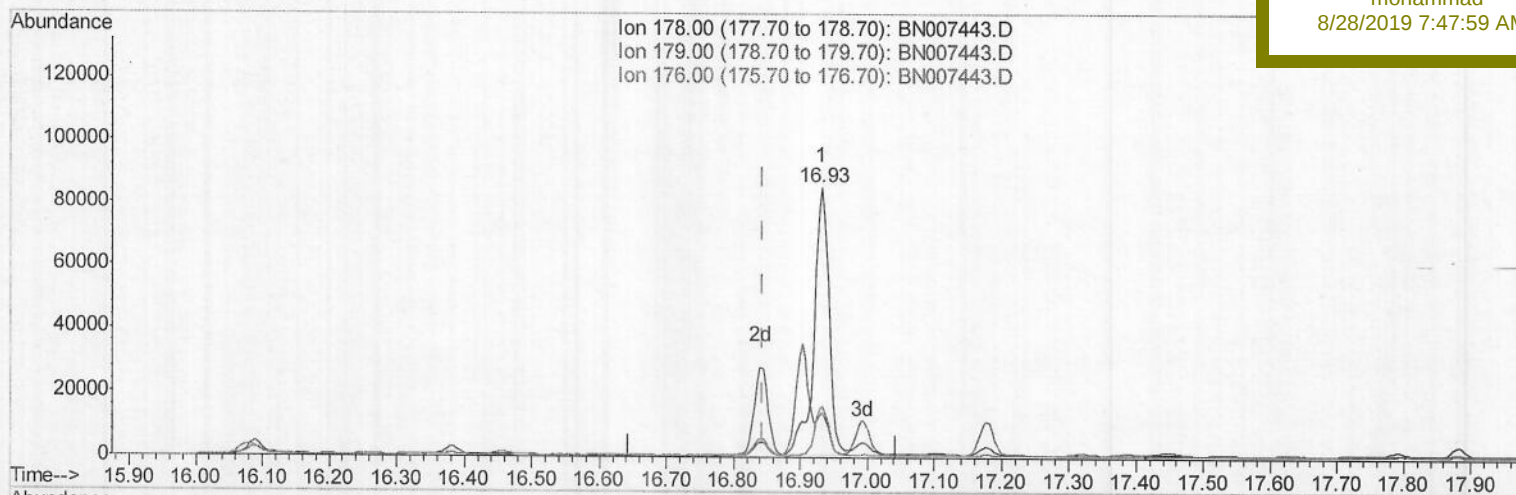
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(12) Phenanthrene

16.933min (+0.088) 1.60ng/ul

response 131270

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.35
176.00	19.00	18.78
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:07:57 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 :

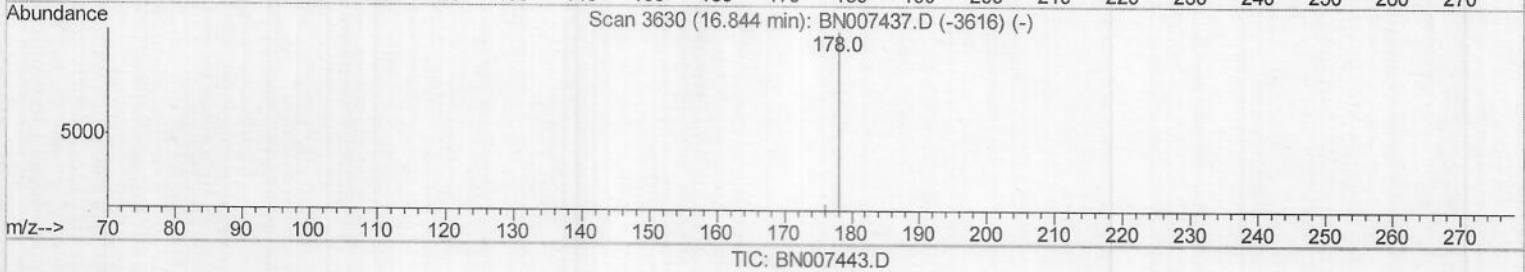
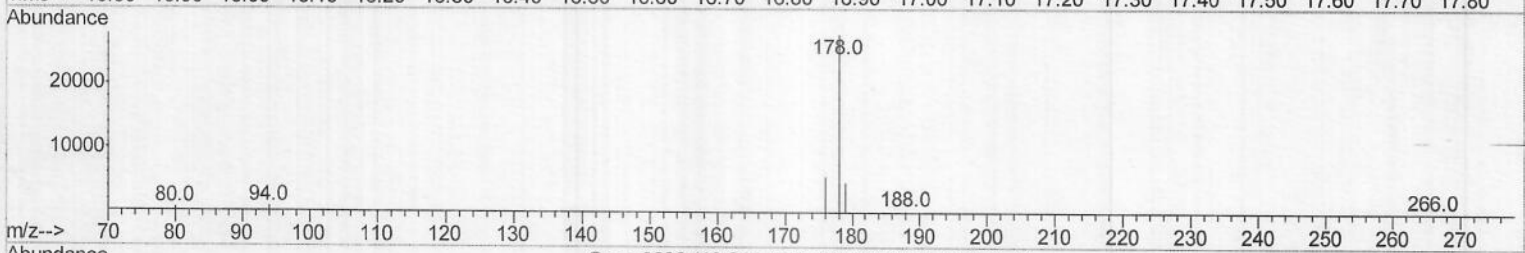
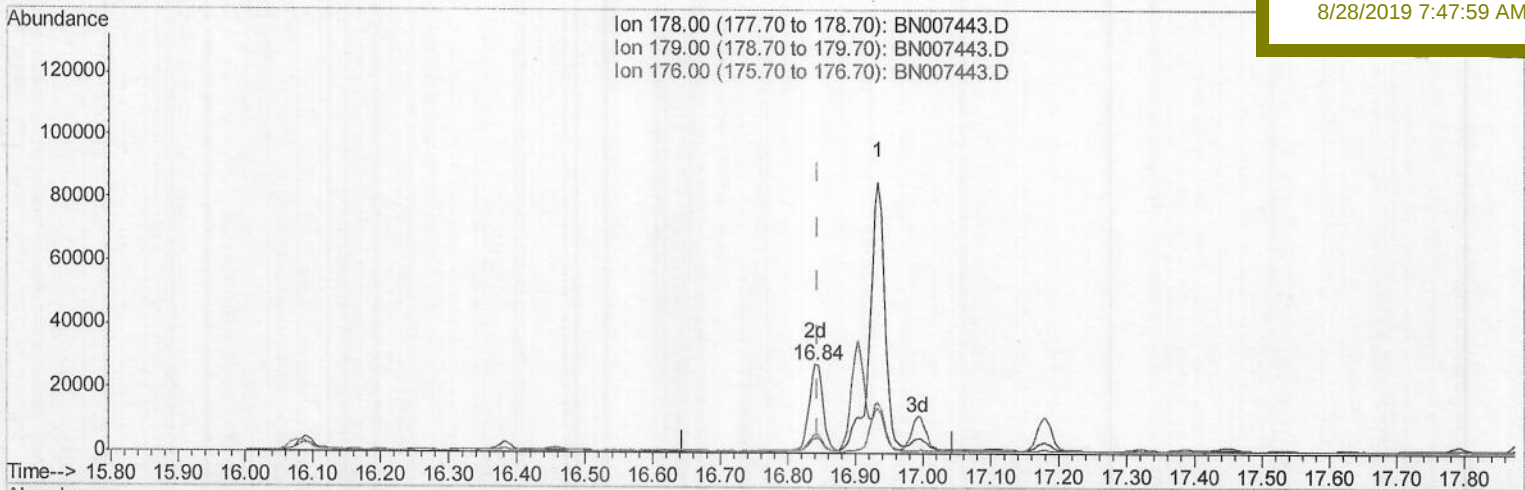
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(12) Phenanthrene

16.840min (-0.004) 0.47ng/ul mJU

response 38919

08/28/19

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.97
176.00	19.00	20.59
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

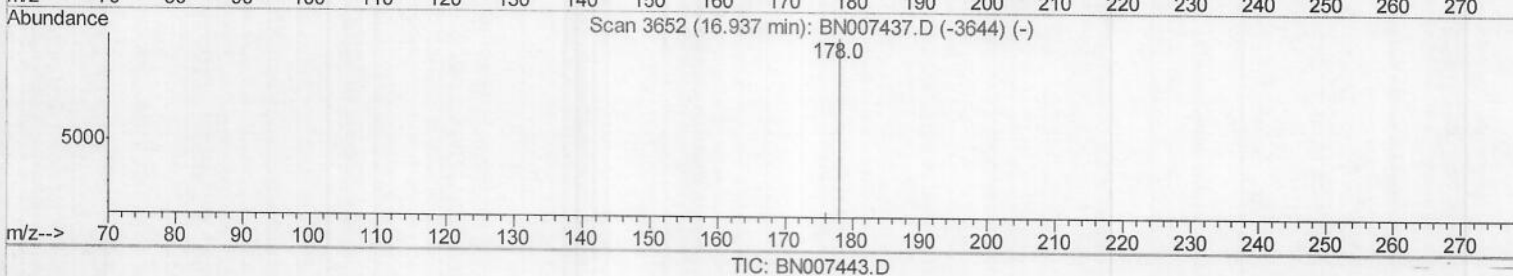
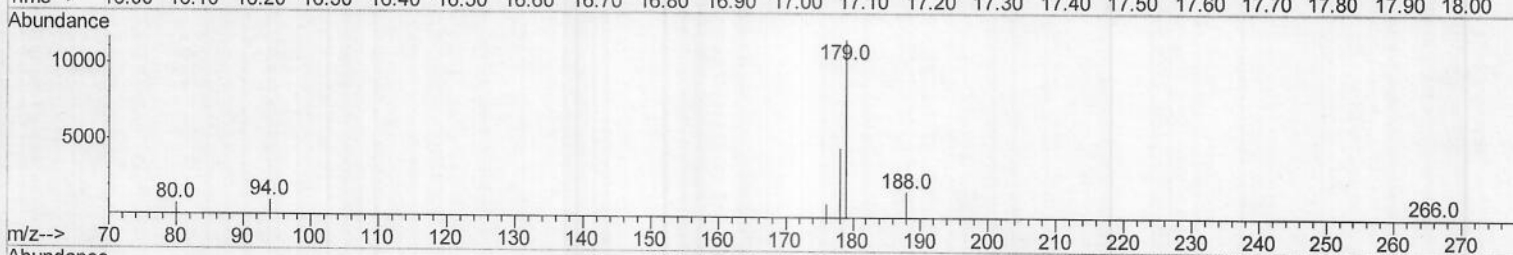
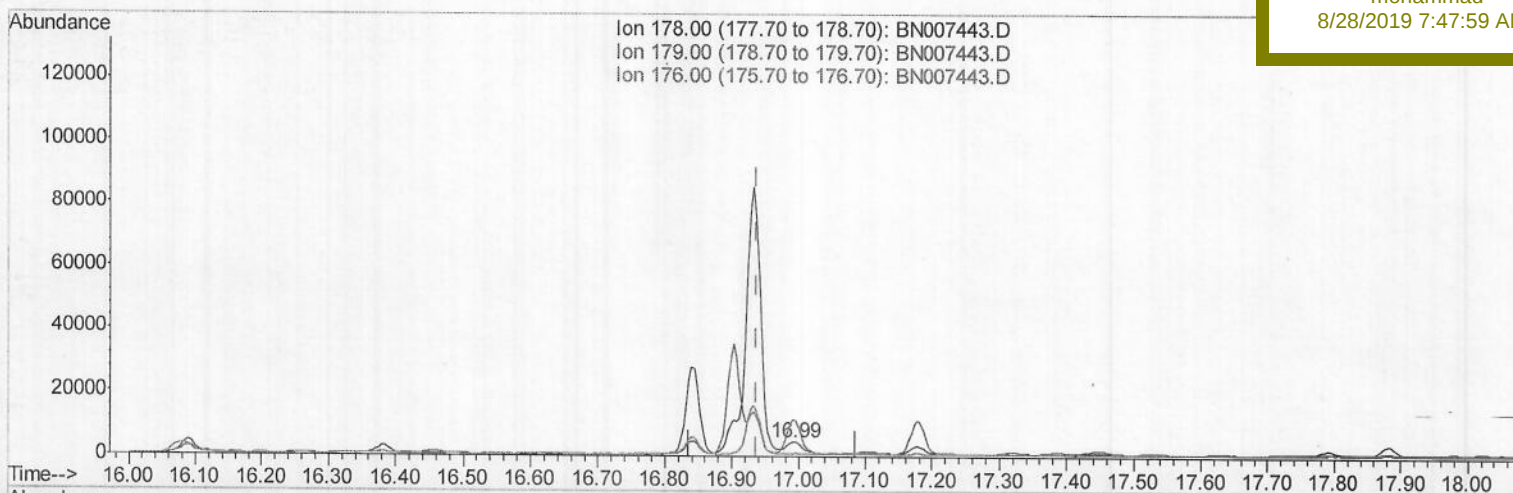
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(13) Anthracene

16.992min (+0.055) 0.08ng/ul

response 6206

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	250.53#
176.00	18.20	20.69
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

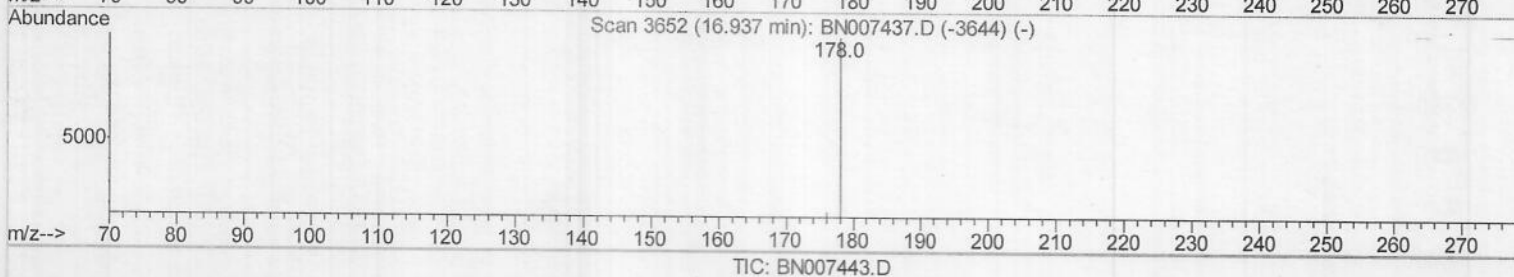
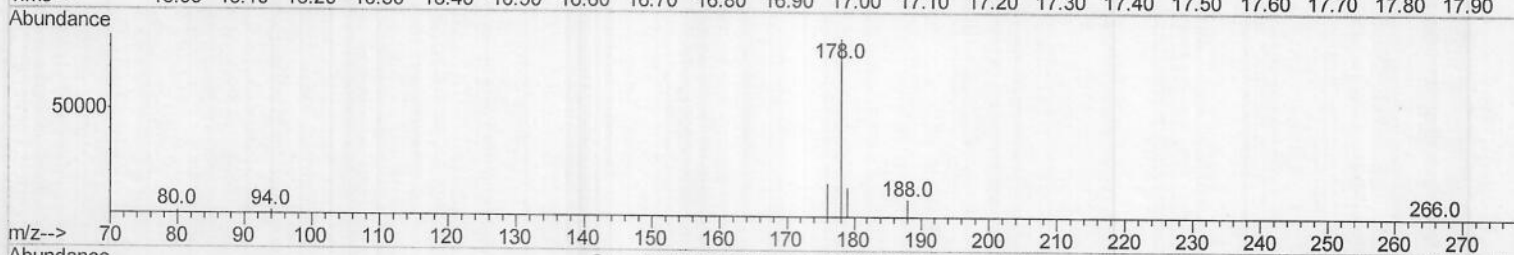
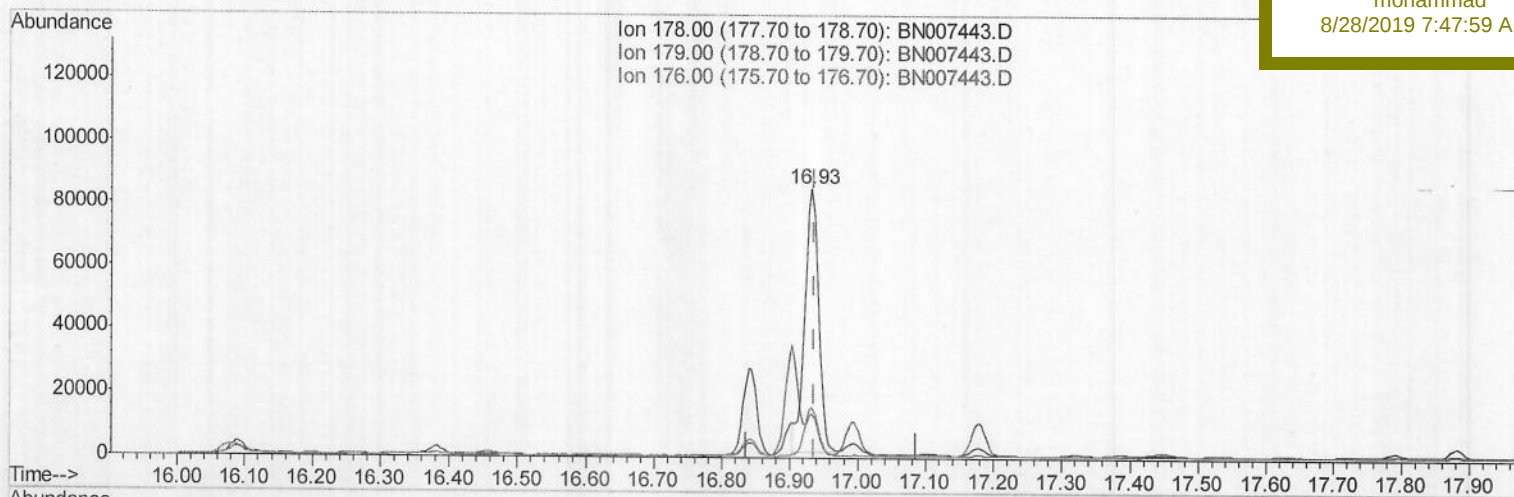
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(13) Anthracene

16.933min (-0.004) 1.51ng/ul m) JU

response 117005

08/28/19

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.35
176.00	18.20	18.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

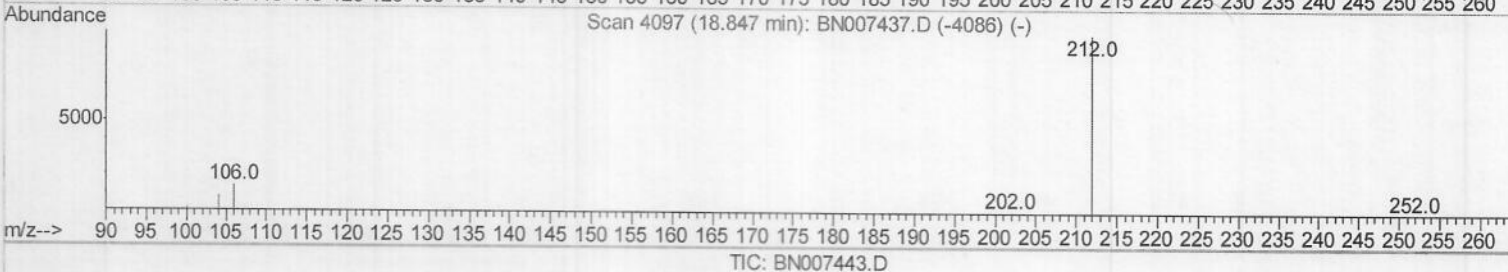
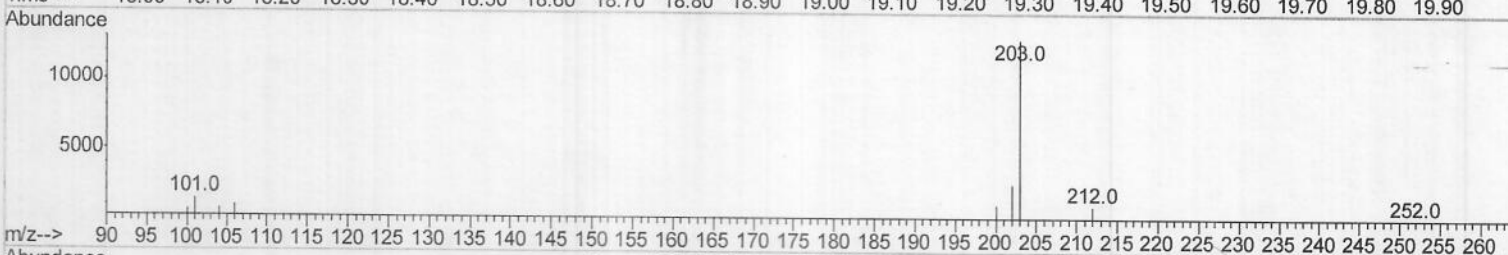
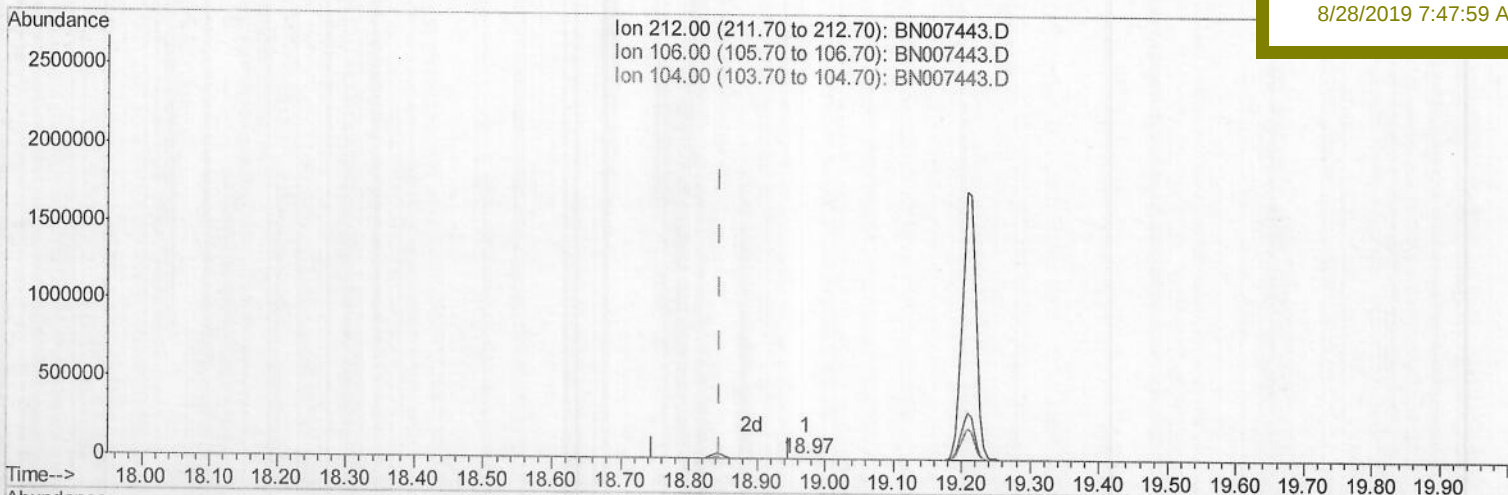
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



TIC: BN007443.D

(14) Fluoranthene-d10 (SURR)

18.972min (+0.125) 0.01ng/ul

response 663

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	19.46#
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

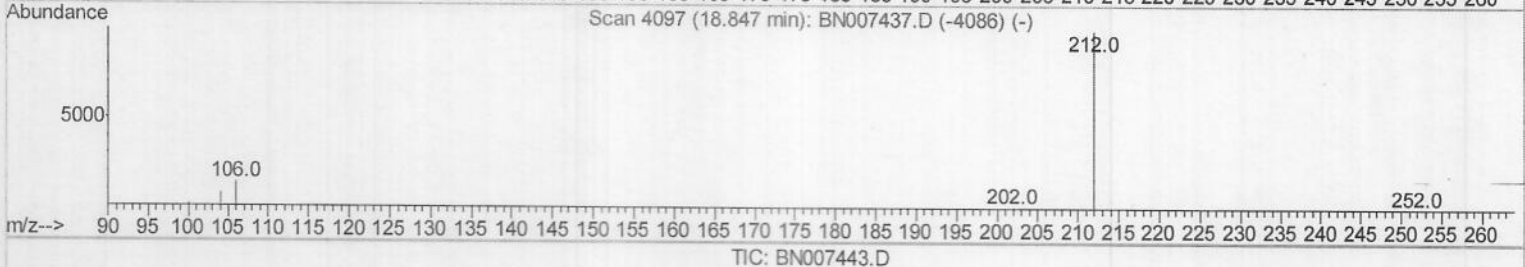
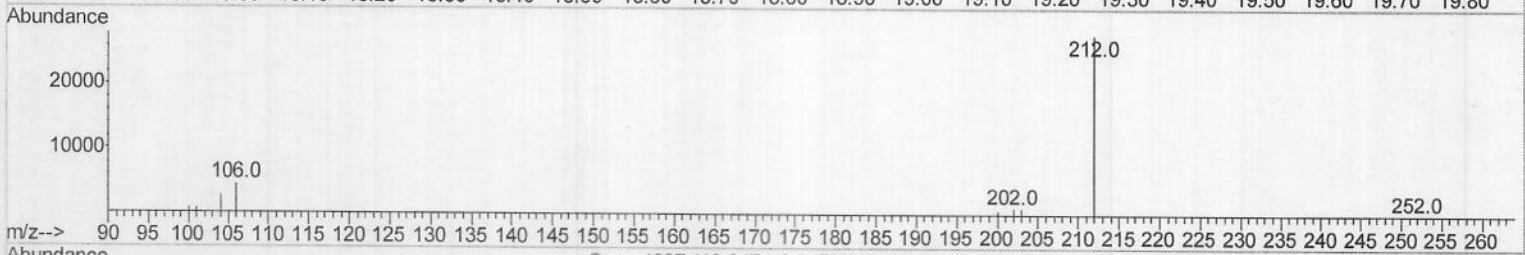
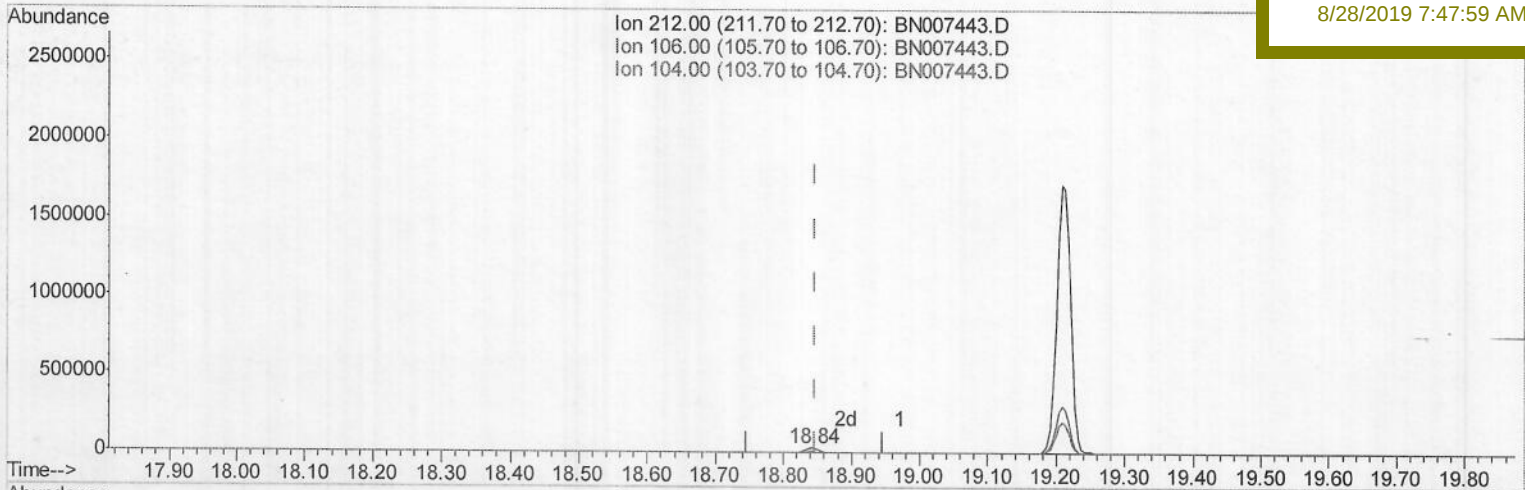
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(14) Fluoranthene-d10 (SURR)

18.842min (-0.005) 0.43ng/ul m

response 36446

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	0.35#
0.00	0.00	0.00

JU
08/28/19

08/28/2019

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

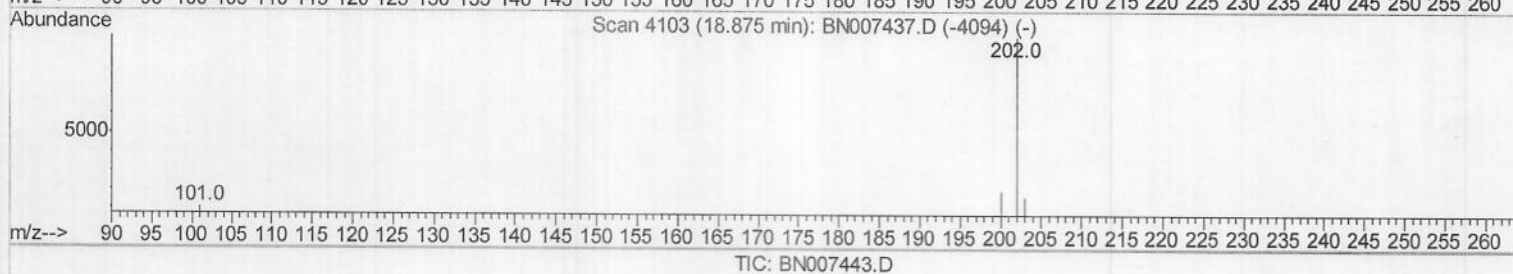
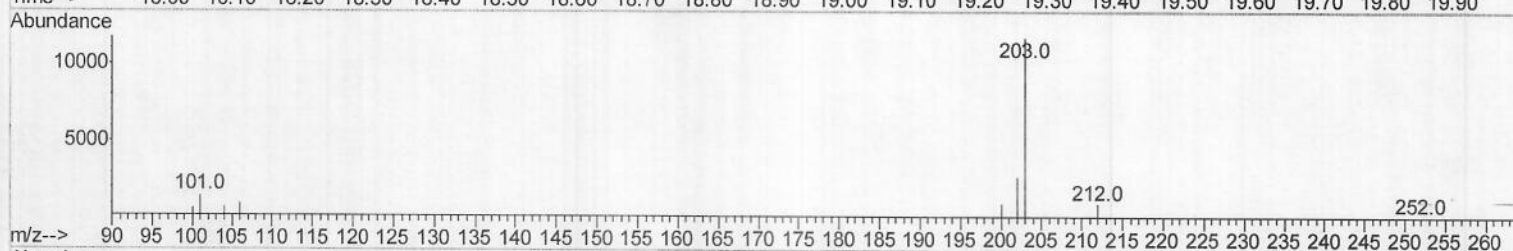
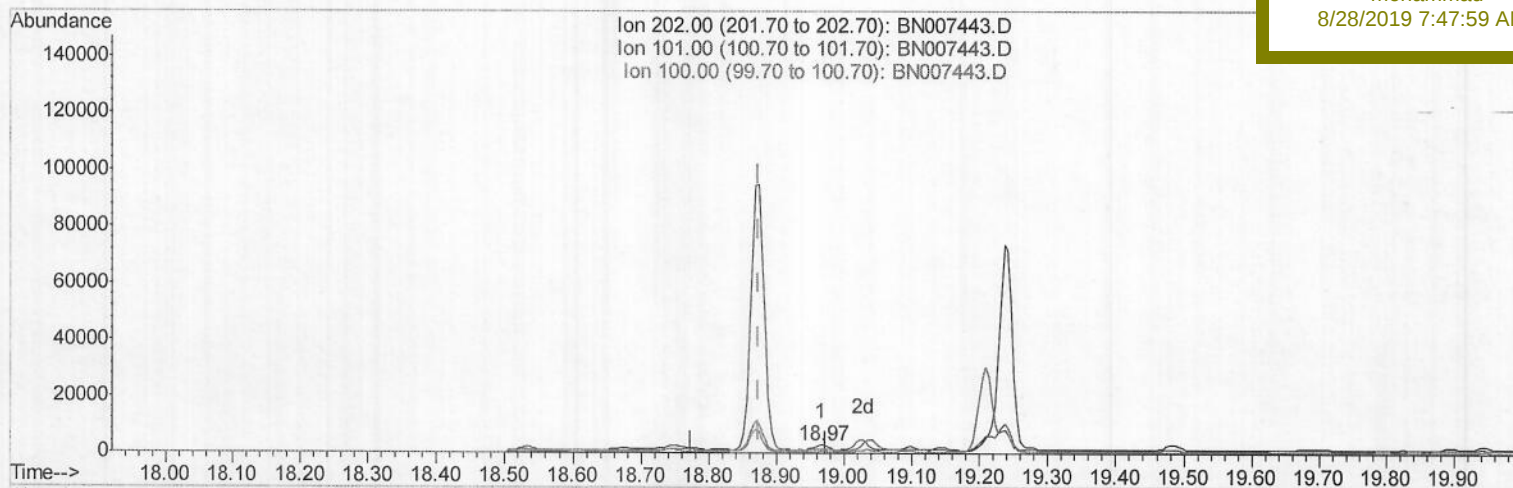
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(15) Fluoranthene (C)

18.967min (+0.093) 0.03ng/ul

response 2752

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	52.31#
100.00	8.50	25.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

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Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

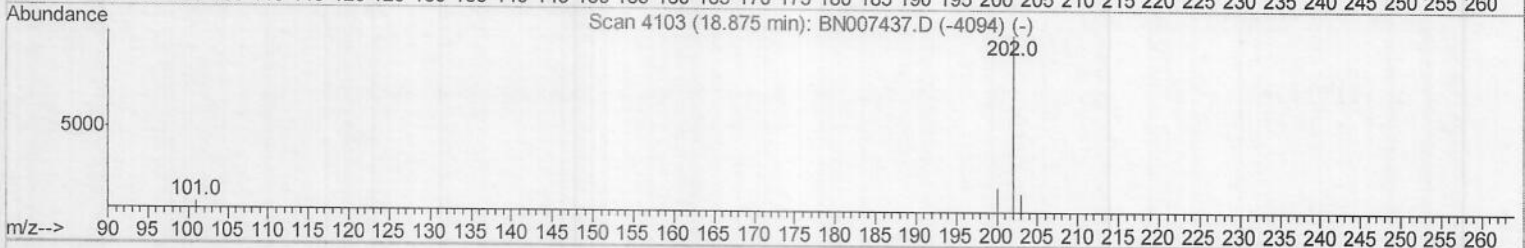
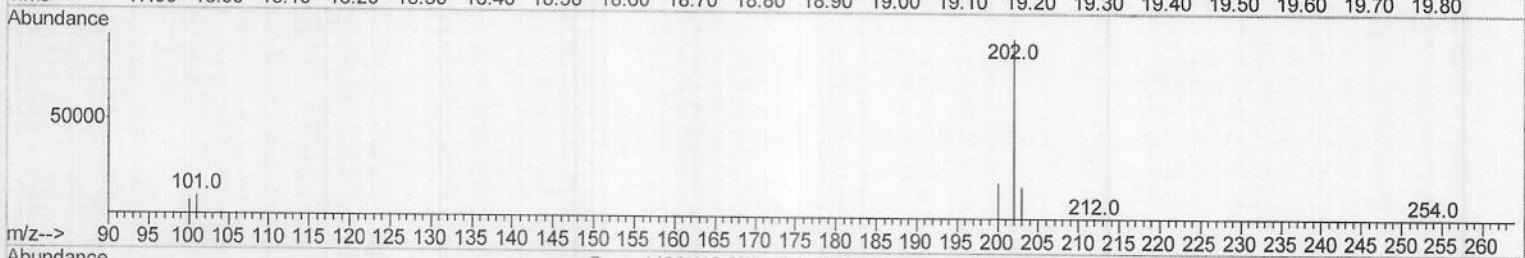
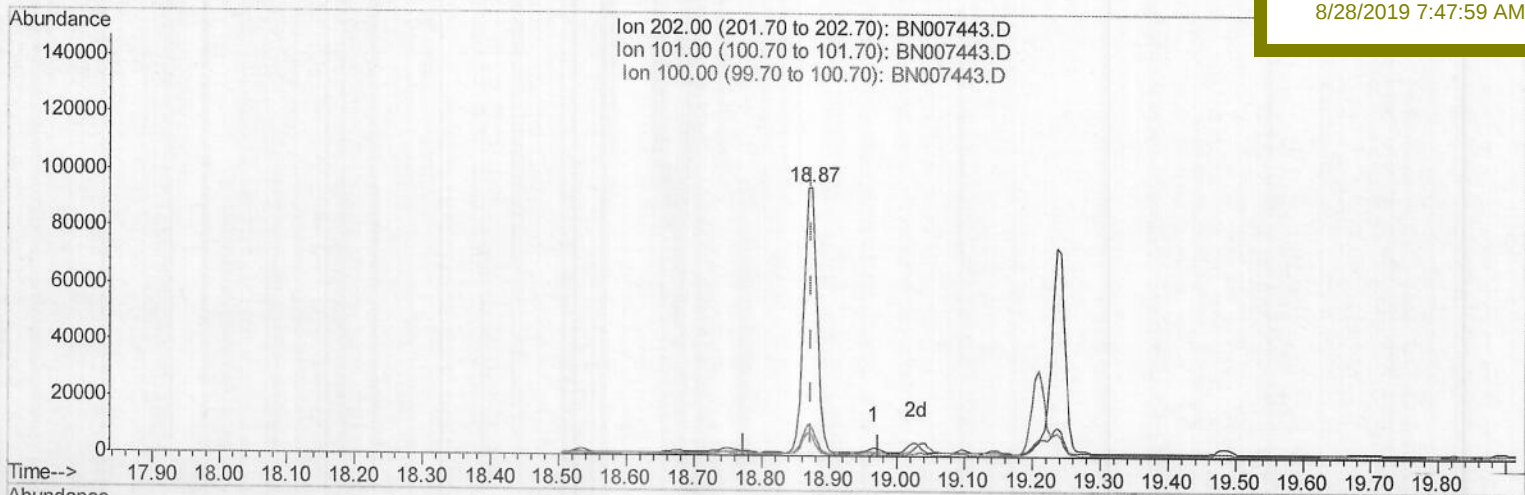
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



TIC: BN007443.D

(15) Fluoranthene (C)

18.874min (-0.000) 1.19ng/ul m

JU
08/28/19

response 130499

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	10.67
100.00	8.50	7.60
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

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Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

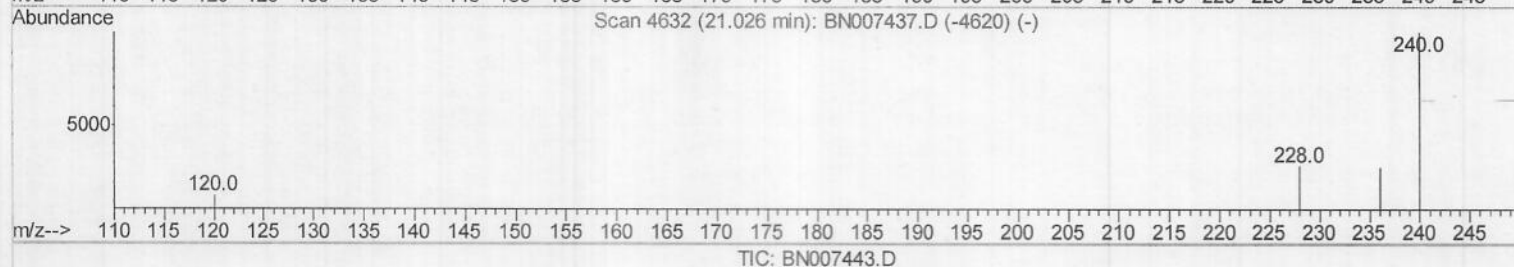
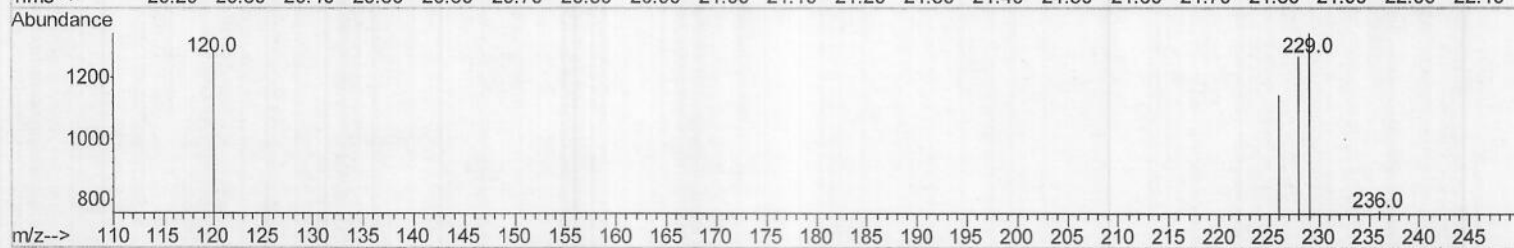
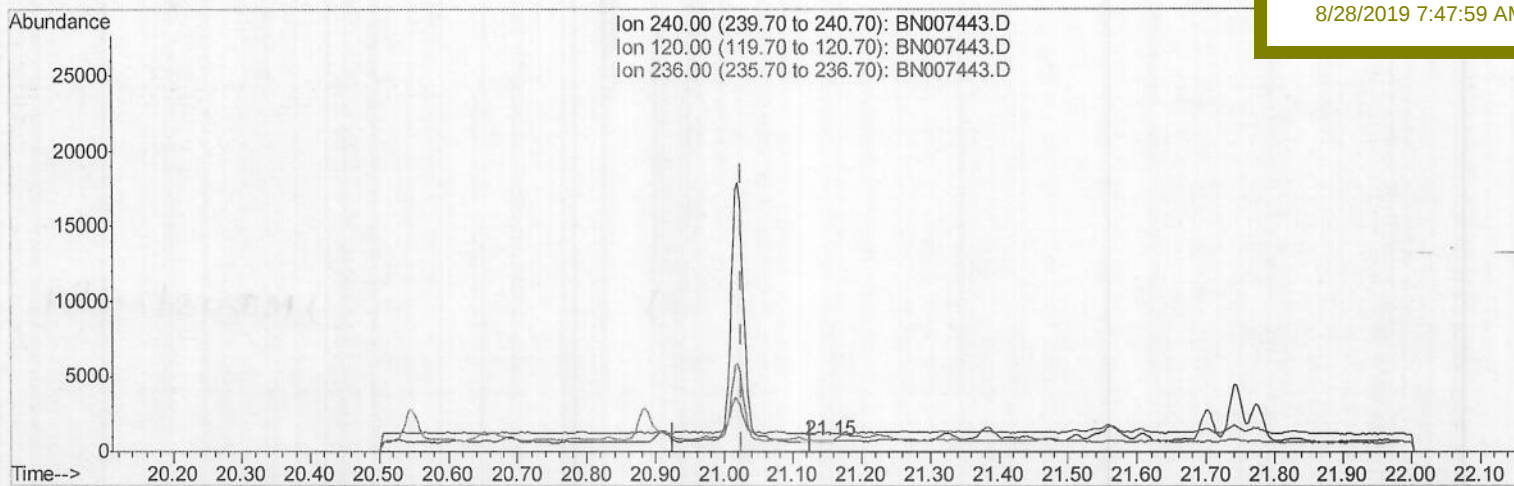
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(16) Chrysene-d12 (I)

21.151min (+0.125) 0.40ng/ul

response 150

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	170.11#
236.00	28.60	101.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

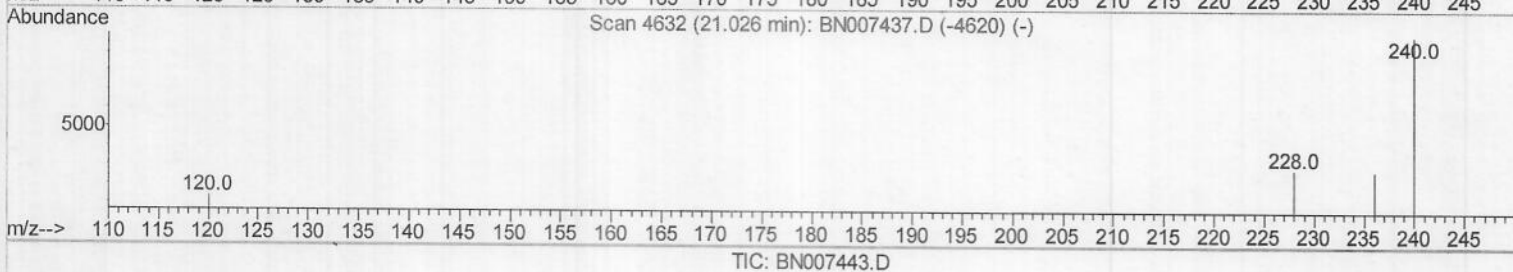
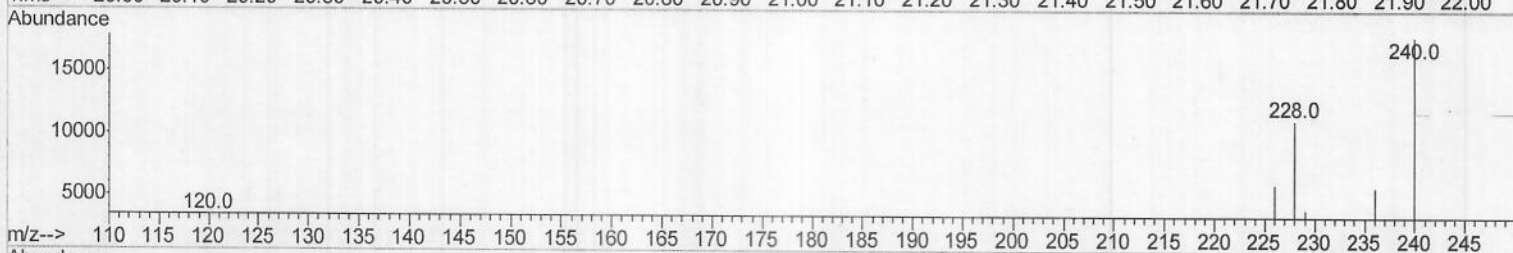
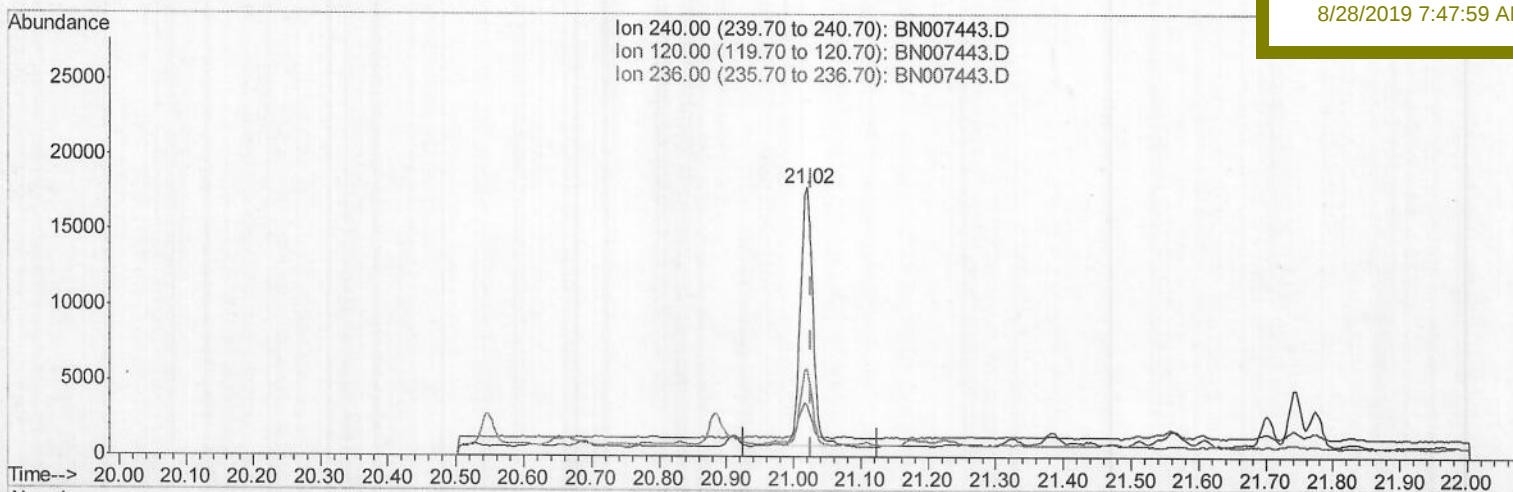
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(16) Chrysene-d12 (I)

21.020min (-0.006) 0.40ng/ul m>JU
08/28/19

response 21732

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	19.23#
236.00	28.60	32.54
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

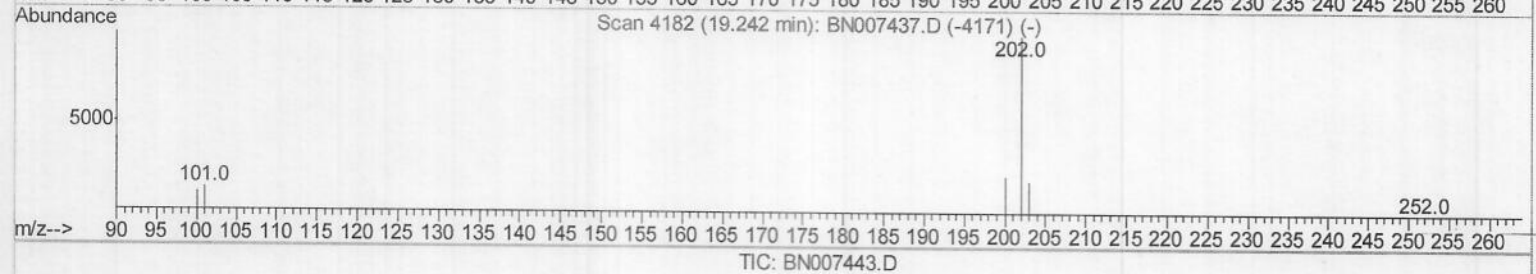
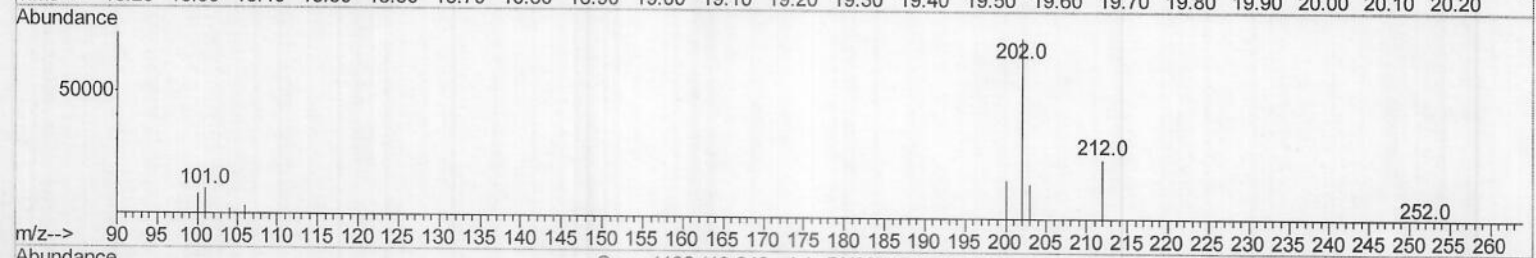
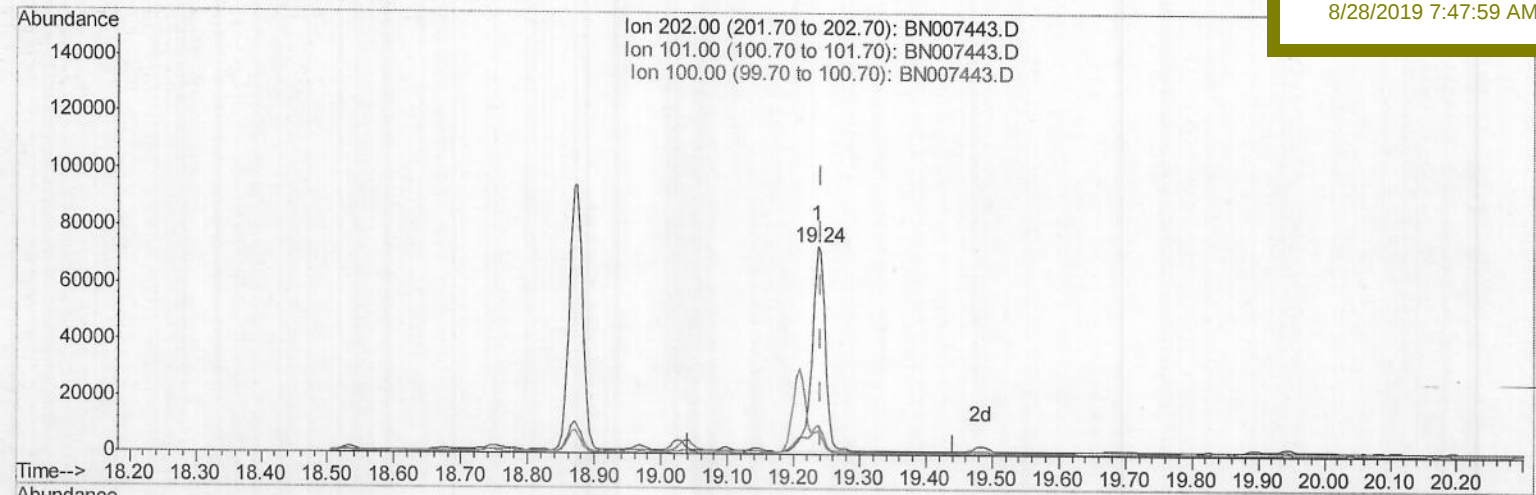
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(17) Pyrene

19.237min (-0.005) 0.95ng/ul

response 101384

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	13.91
100.00	10.70	11.05
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

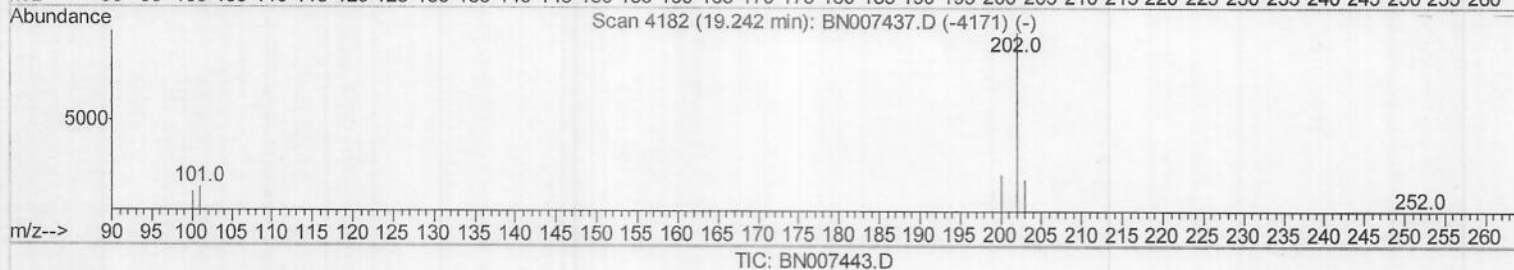
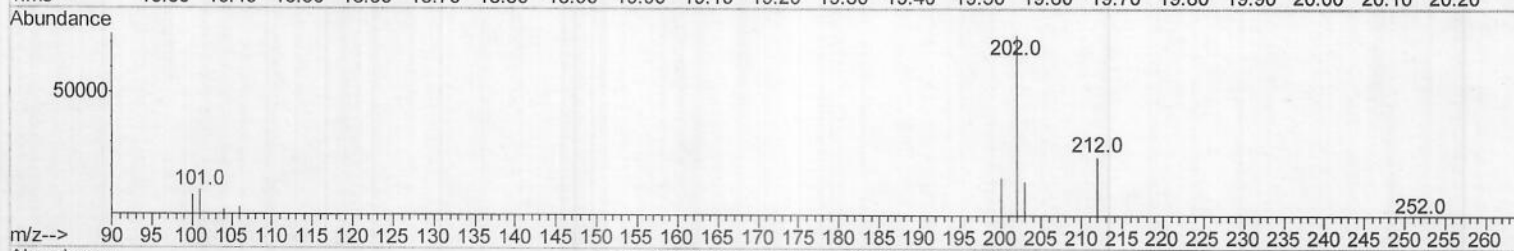
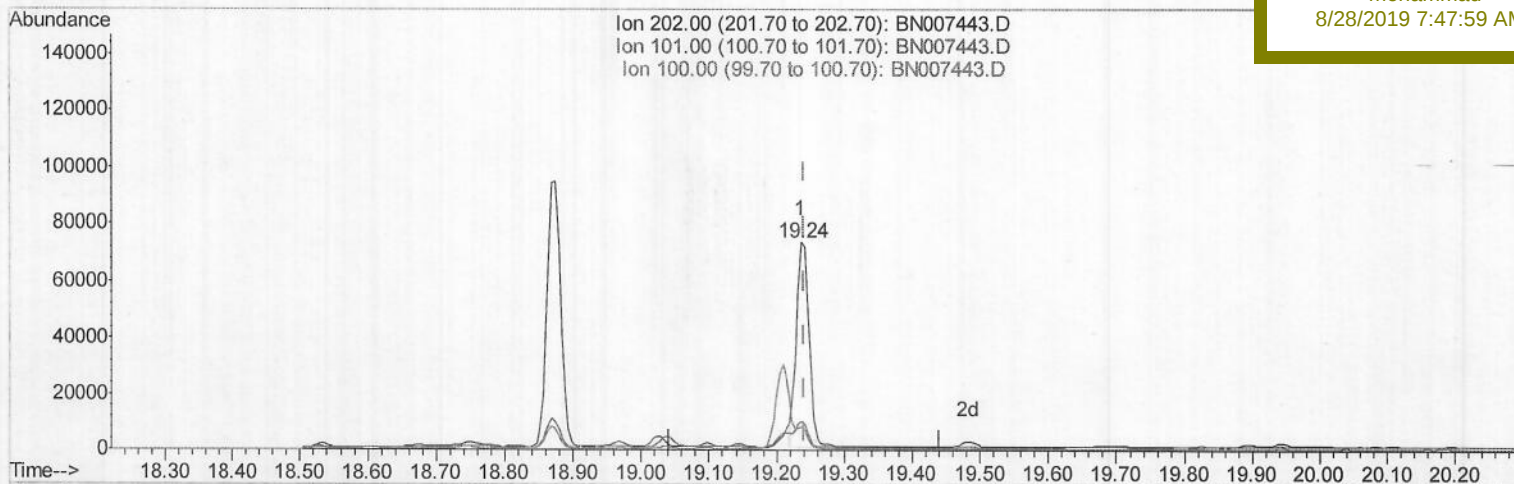
ClientSampleId :

C0AA0

Manual Integrations
APPROVED

mohammad

8/28/2019 7:47:59 AM



(17) Pyrene

19.237min (-0.005) 0.89ng/ul m) JU
08/28/19

response 94848

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	13.91
100.00	10.70	11.05
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

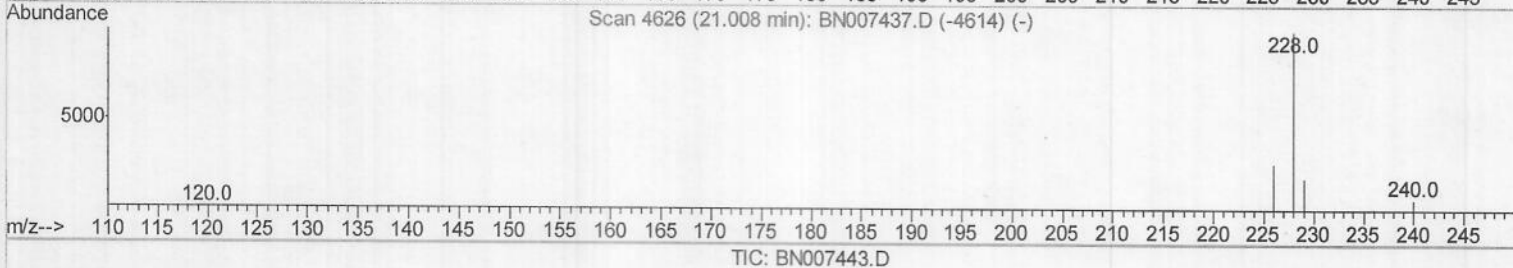
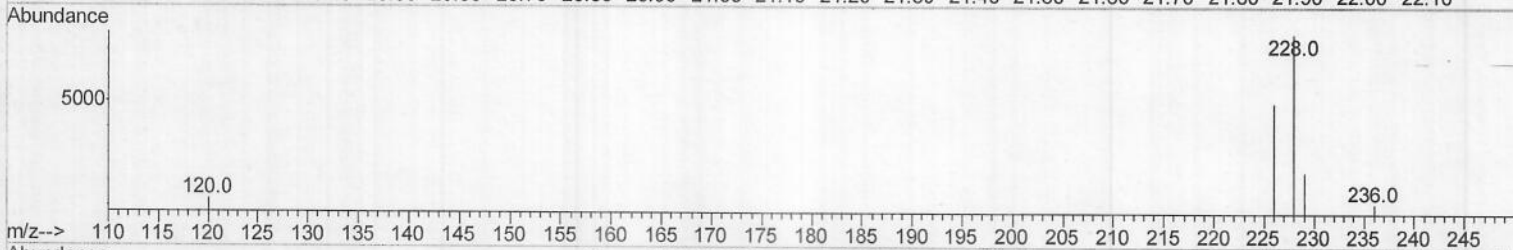
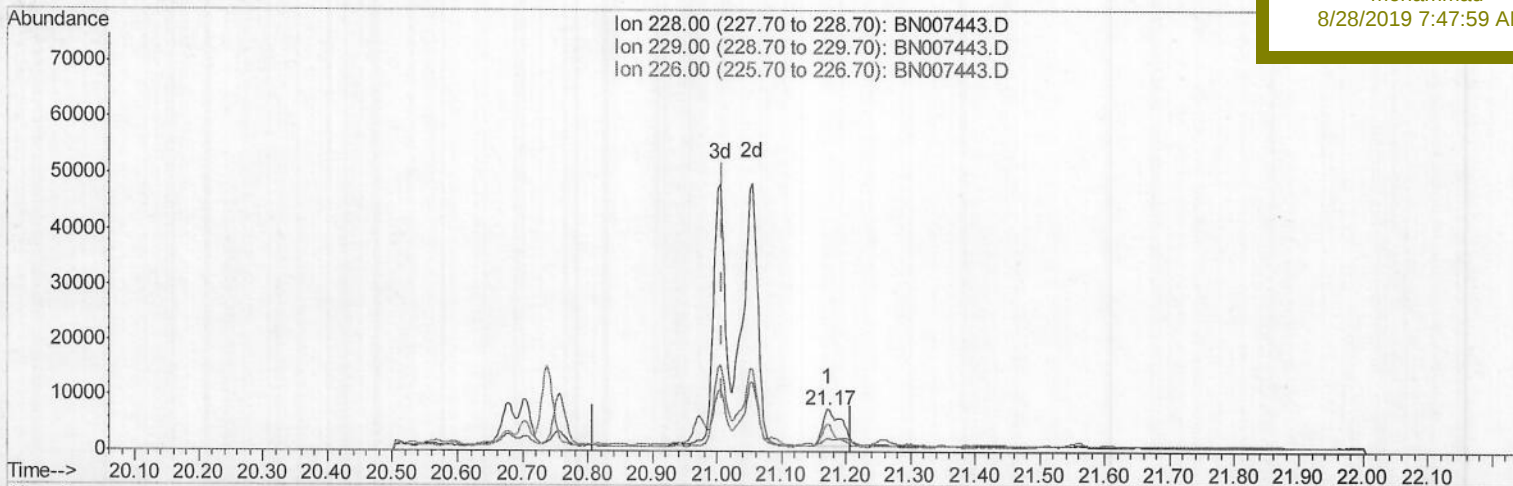
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

(18) Benzo(a)anthracene

21.172min (+0.163) 0.14ng/ul

response 13521

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	30.81#
226.00	27.50	65.72#
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

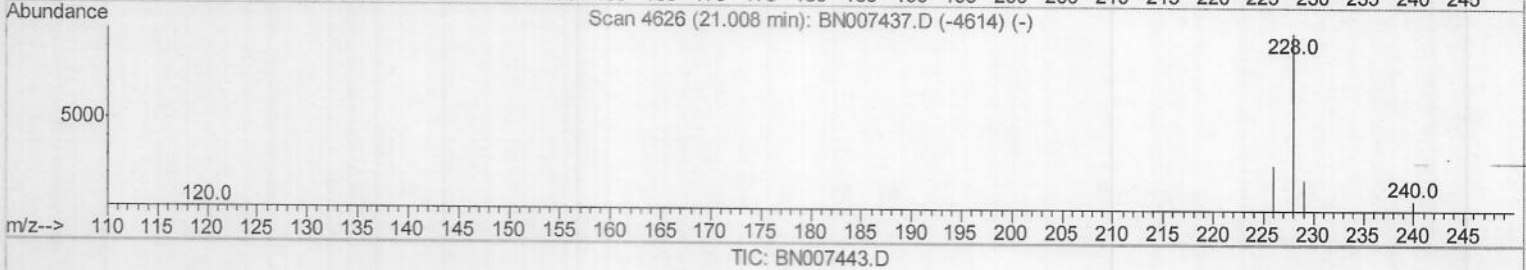
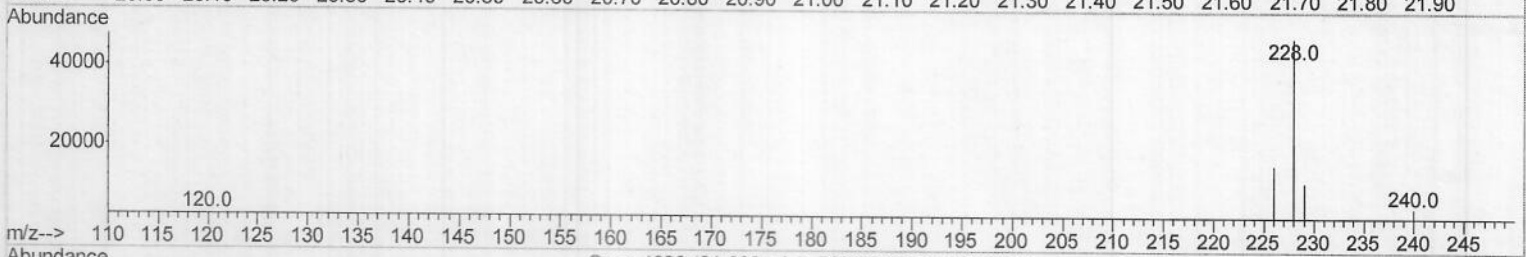
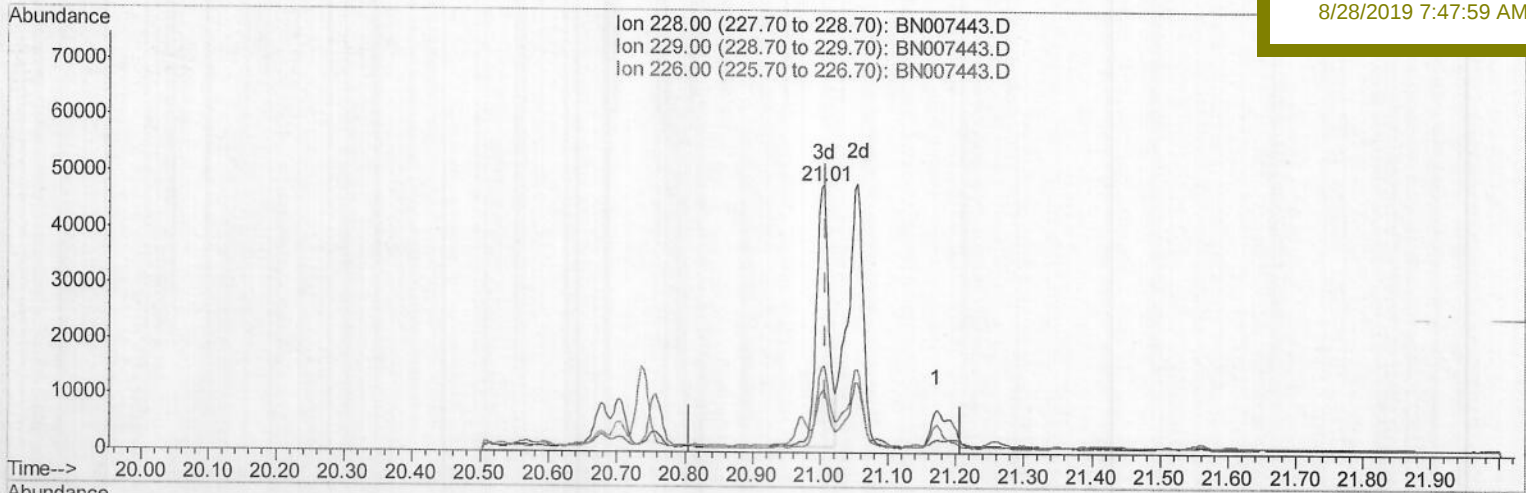
C0AA0

Manual Integrations

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mohammad

8/28/2019 7:47:59 AM



(18) Benzo(a)anthracene

21.005min (-0.003) 0.63ng/ul m

response 61427

Ion Exp% Act%

228.00 100 100

229.00 19.30 23.43#

226.00 27.50 32.55

0.00 0.00 0.00

JU
08/28/19

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

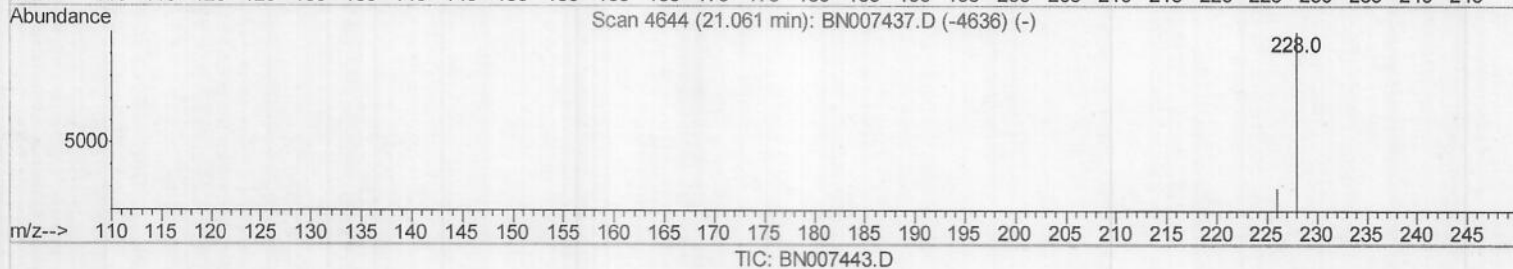
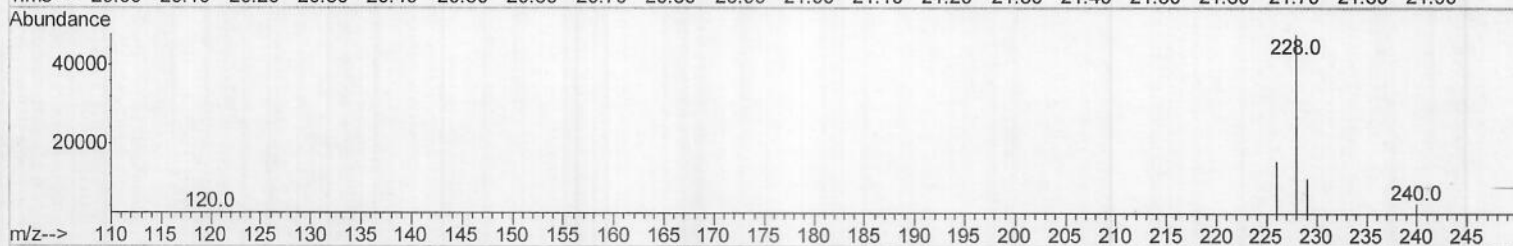
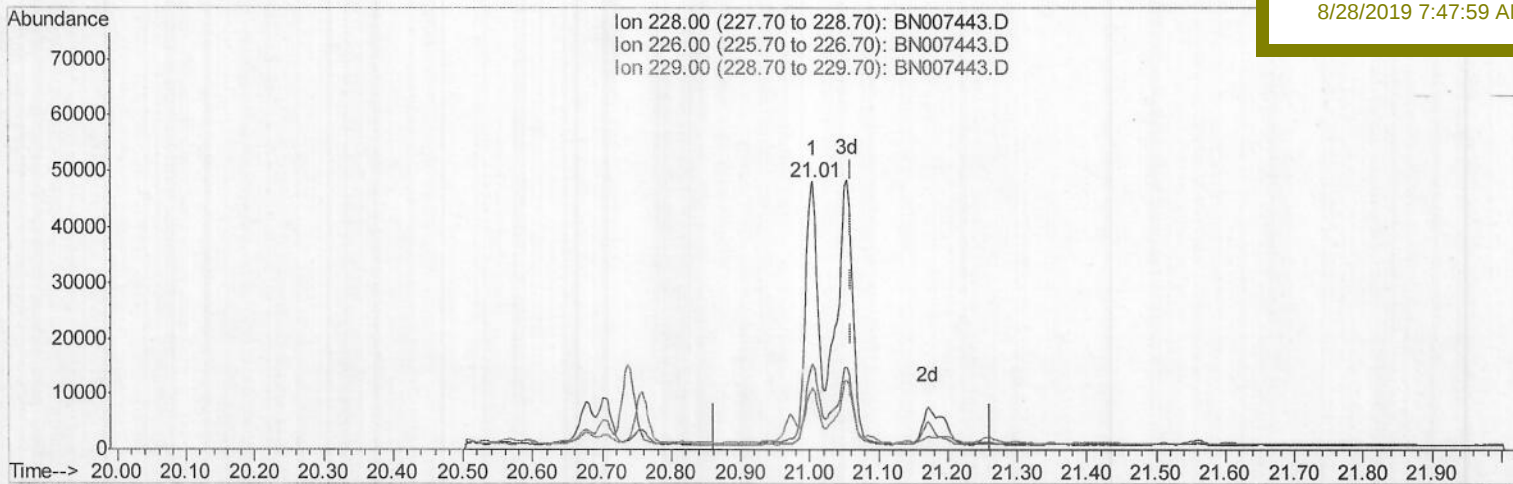
C0AA0

Manual Integrations

APPROVED

mohammad

8/28/2019 7:47:59 AM



(19) Chrysene

21.005min (-0.056) 0.36ng/ul

response 37384

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	32.55
229.00	20.10	23.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

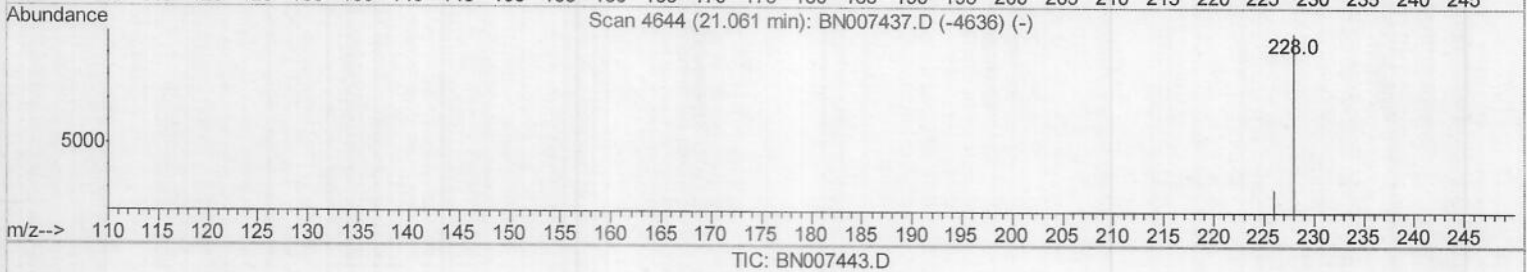
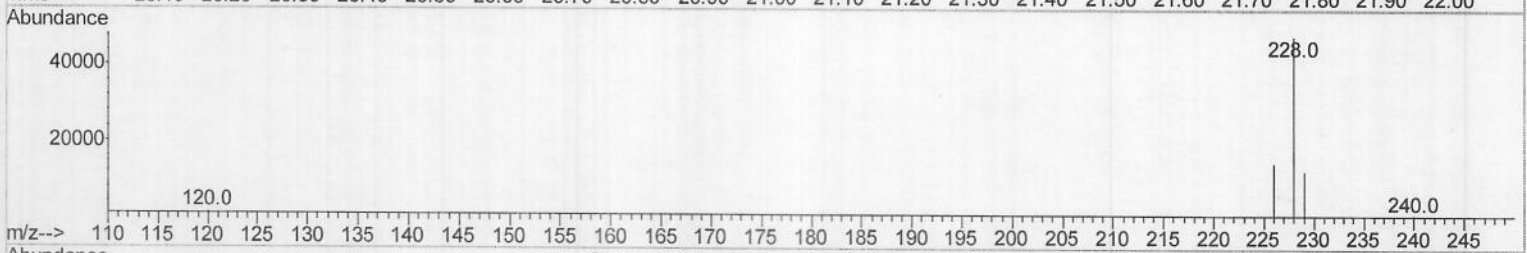
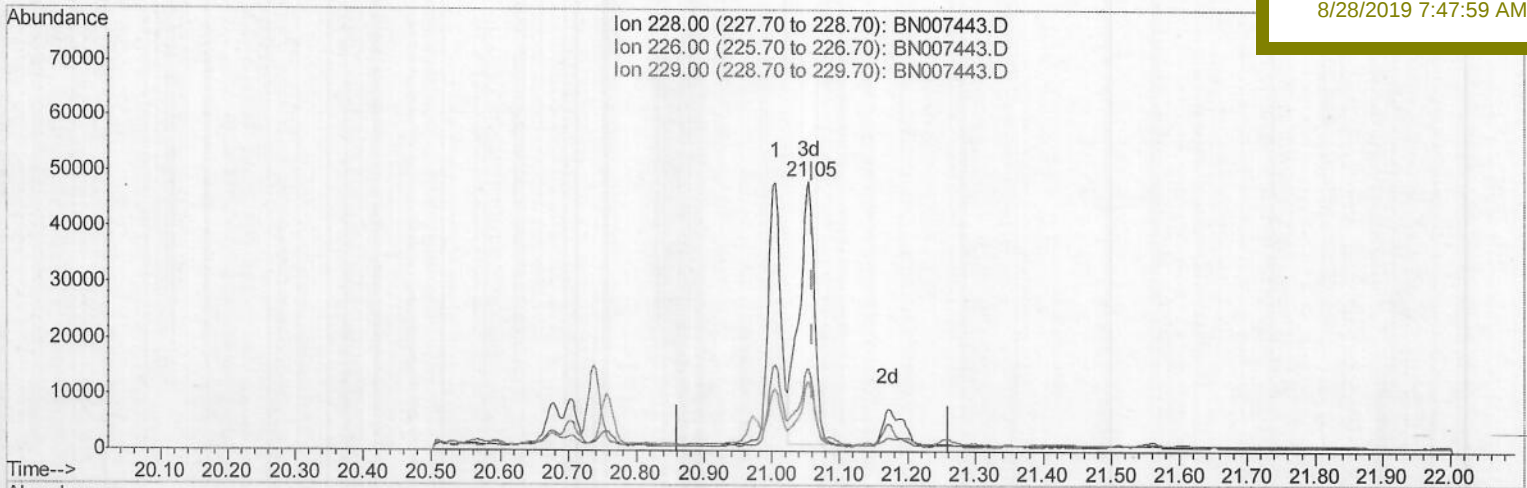
C0AA0

Manual Integrations

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mohammad

8/28/2019 7:47:59 AM



(19) Chrysene

21.055min (-0.006) 0.72ng/ul m)JU
08/28/19

response 75284

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	30.82
229.00	20.10	25.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

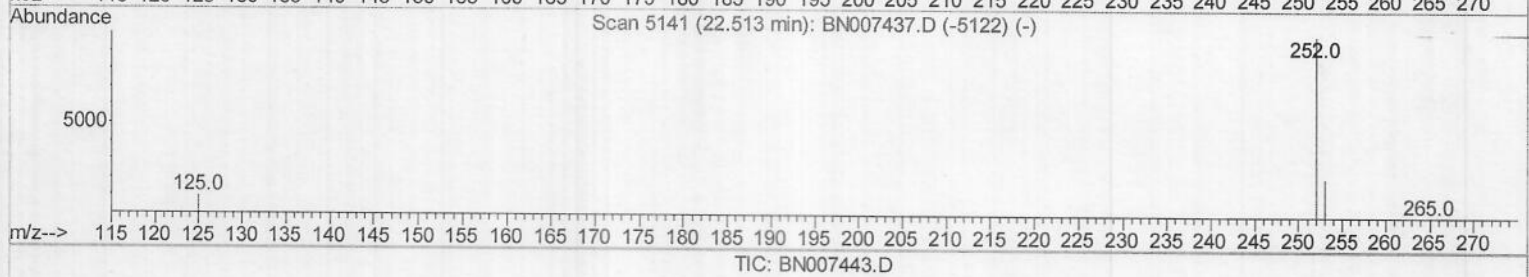
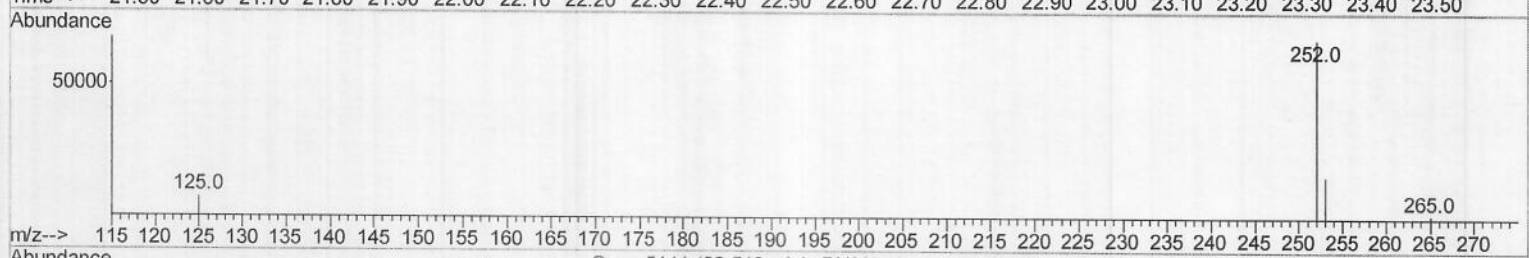
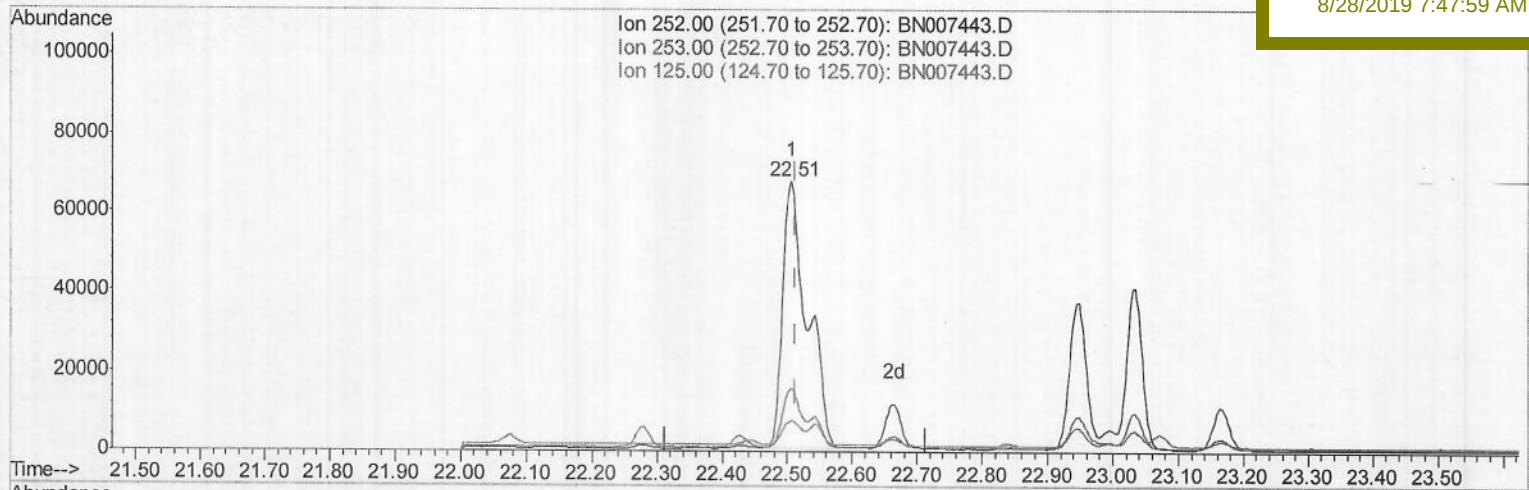
C0AA0

Manual Integrations

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8/28/2019 7:47:59 AM



(21) Benzo(b)fluoranthene

22.507min (-0.006) 1.53ng/ul

response 176519

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.57
125.00	12.40	11.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

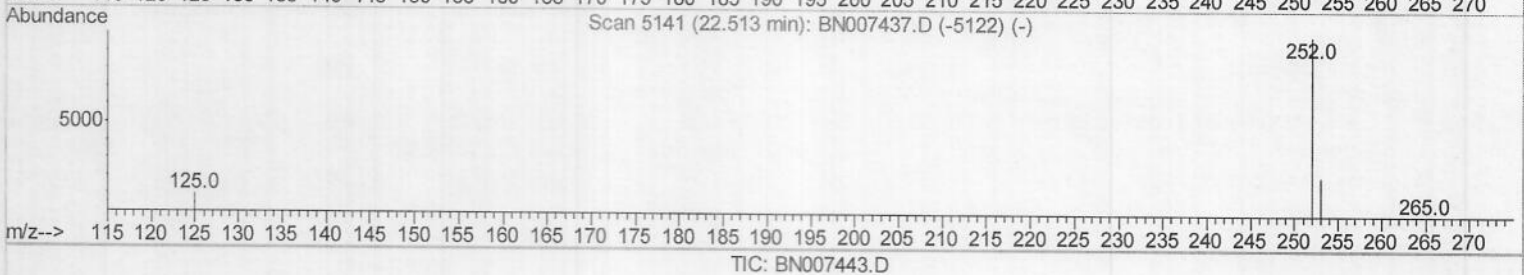
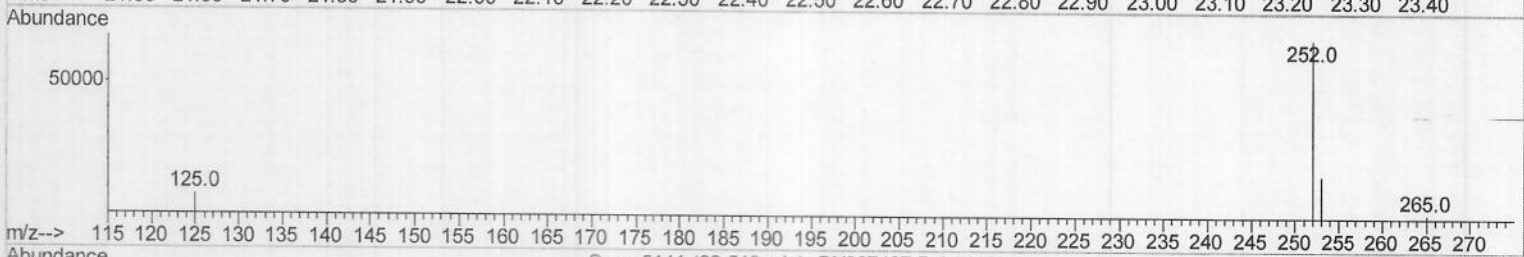
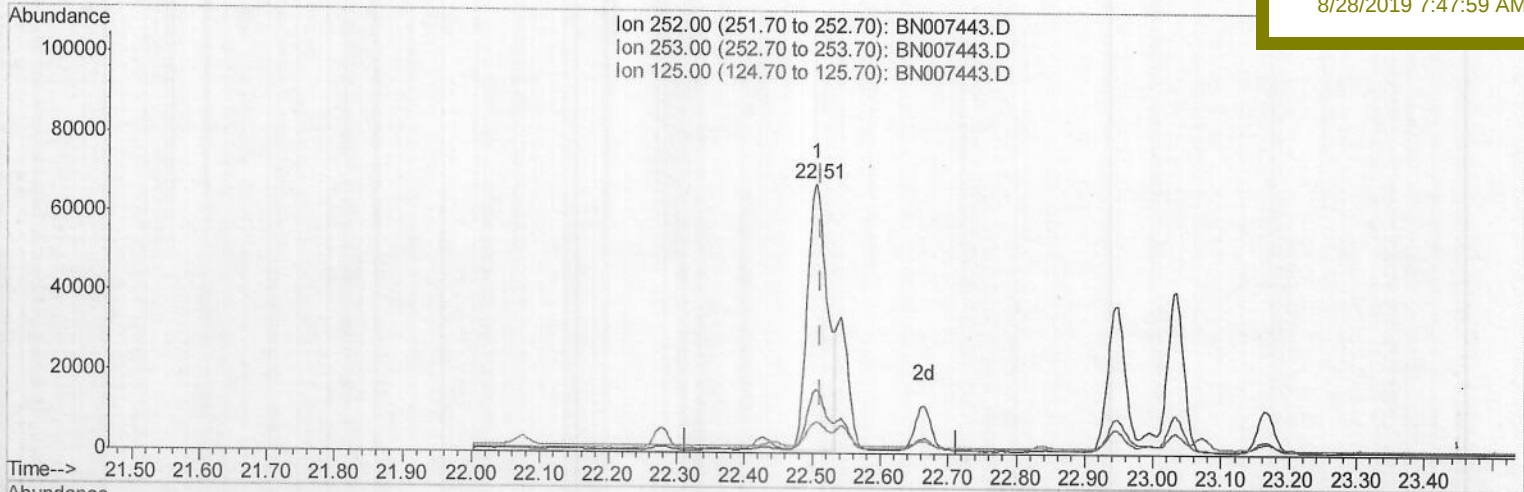
C0AA0

Manual Integrations

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(21) Benzo(b)fluoranthene

22.507min (-0.006) 1.19ng/ul m

response 137188

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.57
125.00	12.40	11.79
0.00	0.00	0.00

JU
08/28/19

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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 :

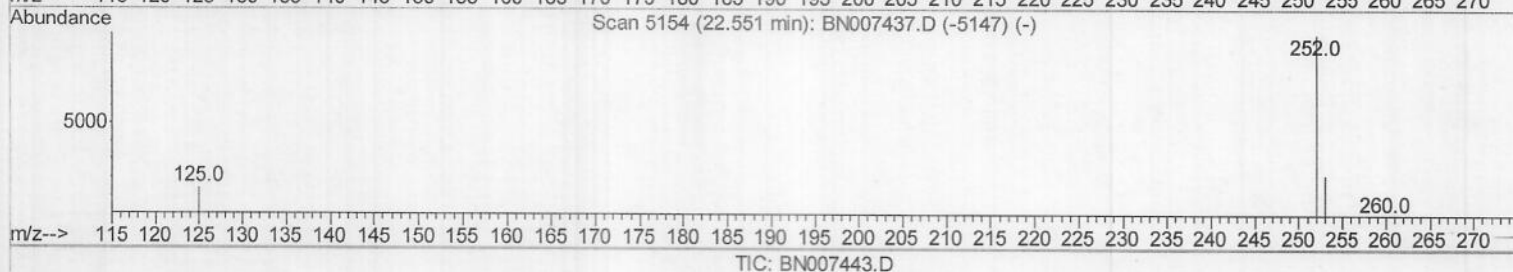
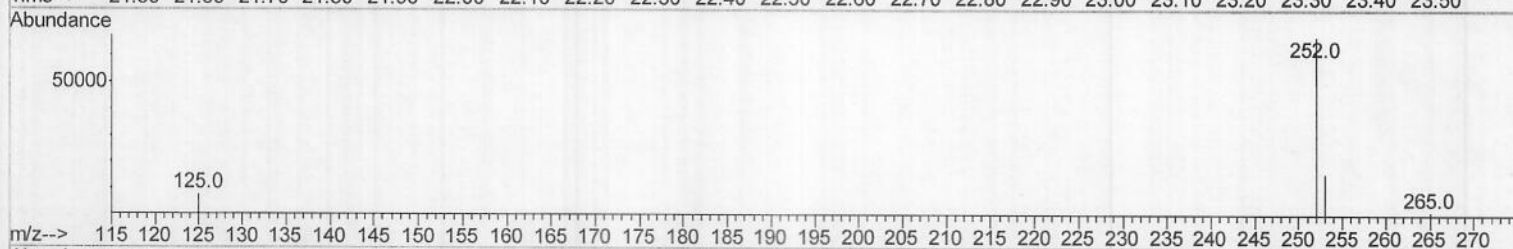
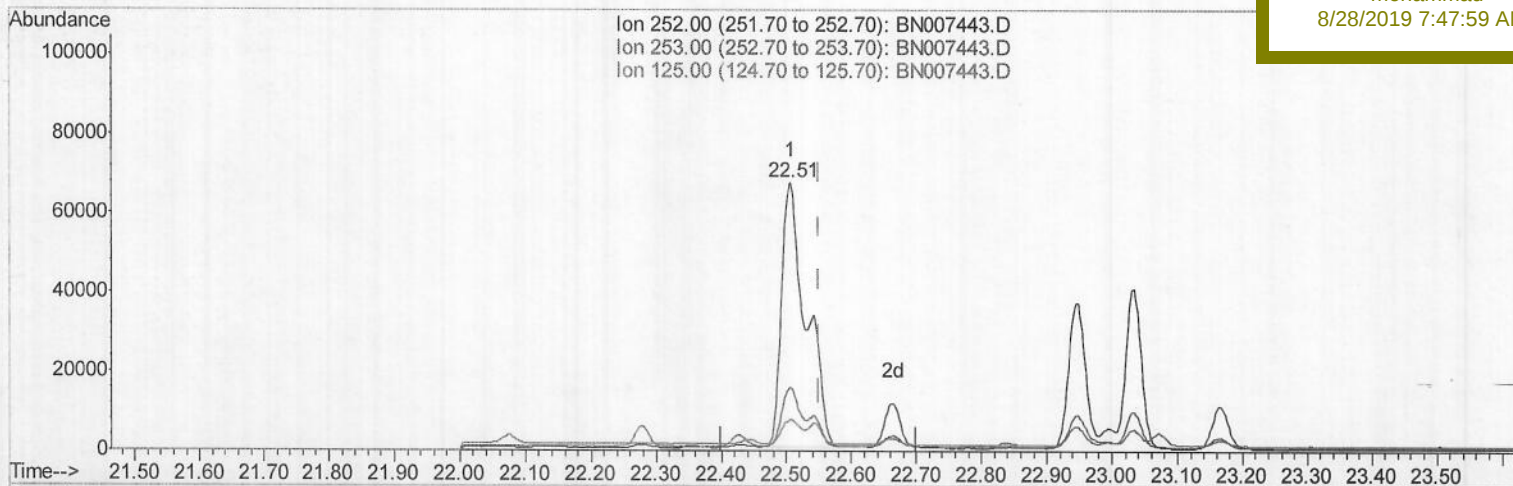
C0AA0

Manual Integrations

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8/28/2019 7:47:59 AM



(22) Benzo(k)fluoranthene

22.507min (-0.044) 1.46ng/ul

response 176519

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	23.57
125.00	15.50	11.79#
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:08:57 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

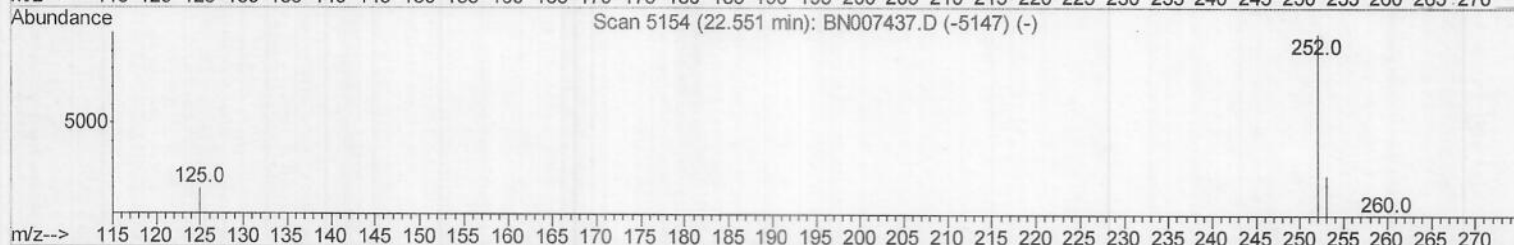
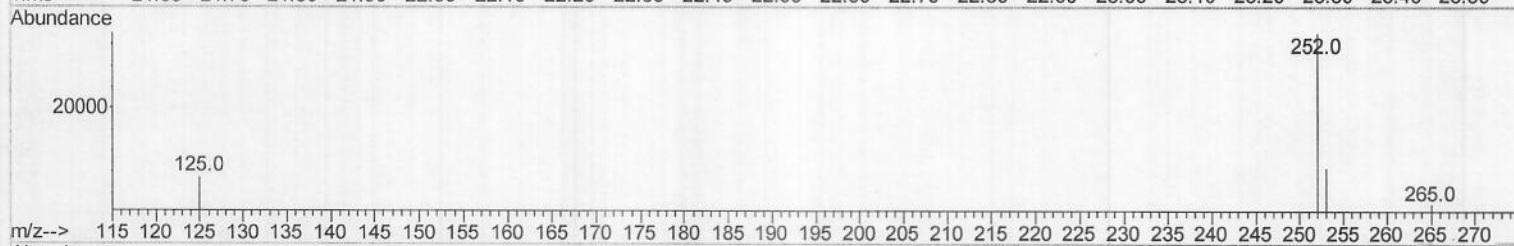
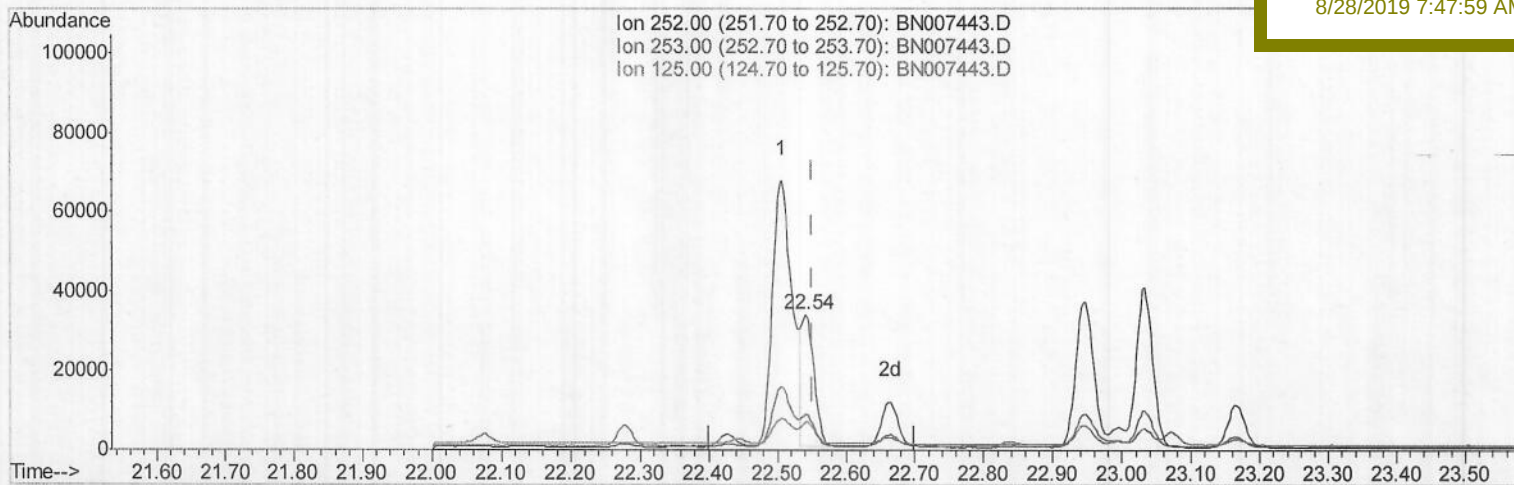
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA0

Manual Integrations
APPROVEDmohammad
8/28/2019 7:47:59 AM

TIC: BN007443.D

(22) Benzo(k)fluoranthene

22.542min (-0.009) 0.33ng/ul m

response 40374

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	25.70
125.00	15.50	20.46#
0.00	0.00	0.00

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

Data File : BN007443.D

Acq On : 27 Aug 2019 21:53

Operator : HP/JU

Sample : K4337-10

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 00:14:55 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 :

C0AA0

Manual Integrations

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8/28/2019 7:47:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22856	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	13112	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26316m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21732m)	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	26451	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.76	152	15316	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	36446m)	0.43	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.20	128	17960	0.278	ng/ul	98
5) 2-Methylnaphthalene	11.83	142	4901	0.113	ng/ul	97
7) Acenaphthylene	13.76	152	23850	0.327	ng/ul	99
8) Acenaphthene	14.11	153	100321	1.914	ng/ul	98
9) Fluorene	15.11	166	47815	0.843	ng/ul	95
11) Pentachlorophenol	16.46	266	102414m)	17.275	ng/ul	
12) Phenanthrene	16.84	178	38919m)	0.474	ng/ul	
13) Anthracene	16.93	178	117005m)	1.512	ng/ul	
15) Fluoranthene	18.87	202	130499m)	1.187	ng/ul	
17) Pyrene	19.24	202	94848m)	0.892	ng/ul	
18) Benzo(a)anthracene	21.01	228	61427m)	0.632	ng/ul	
19) Chrysene	21.05	228	75284m)	0.722	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	137188m)	1.187	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	40374m)	0.334	ng/ul	
23) Benzo(a)pyrene	23.03	252	66250	0.575	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.18	276	62690	0.486	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	14604	0.143	ng/ul#	84
26) Benzo(a,h,i)perylene	25.81	276	59853	0.544	ng/ul	99

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