

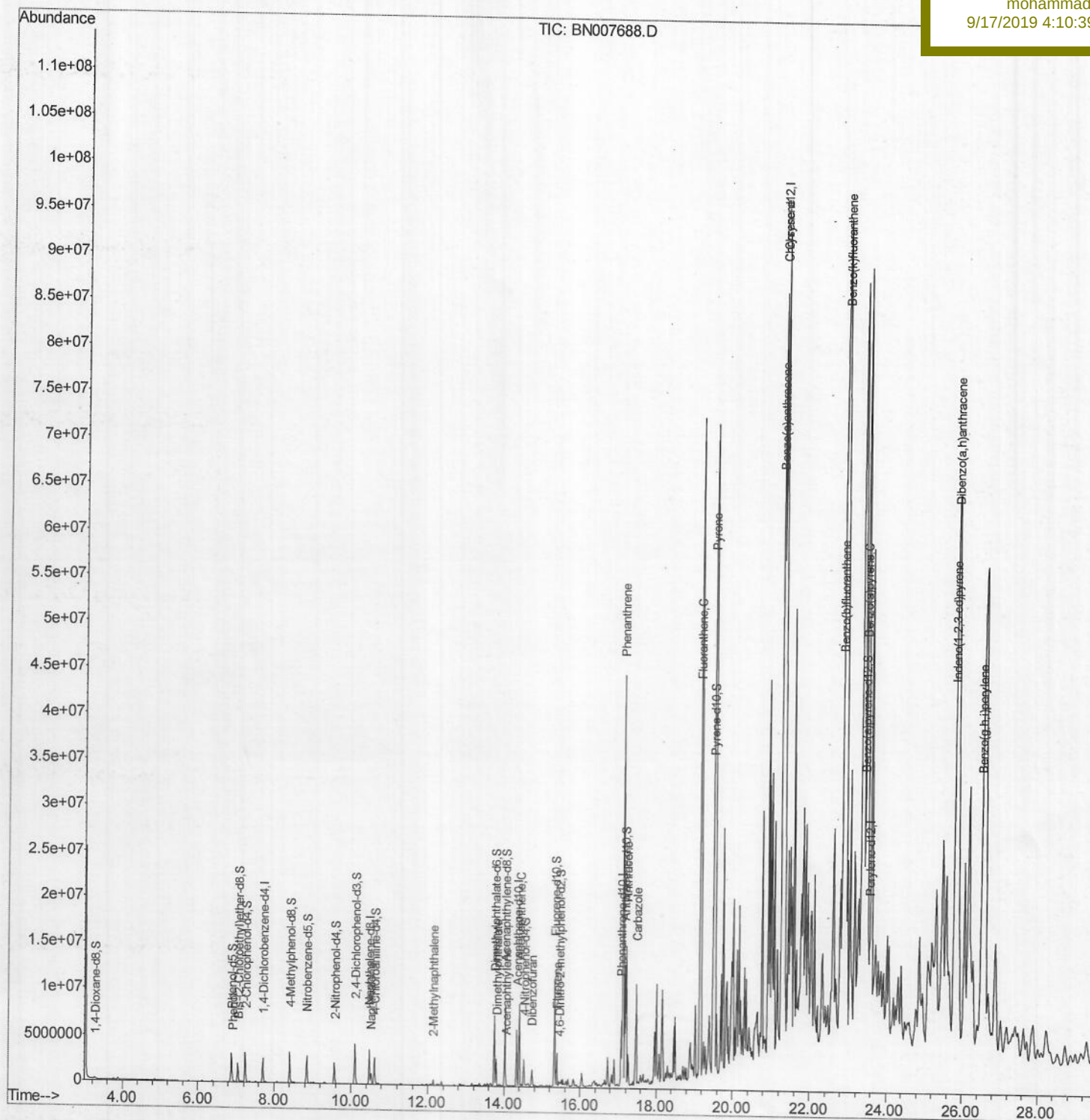
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 14:49:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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Quantitation Report (Qedit)

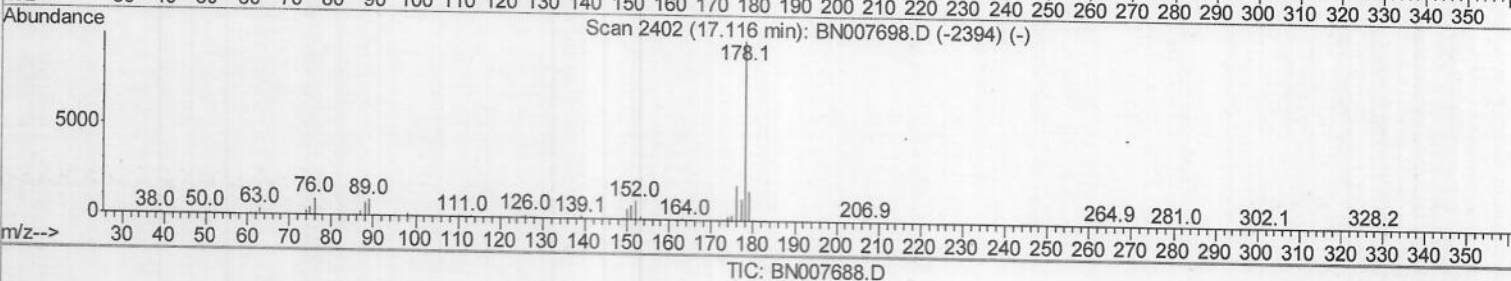
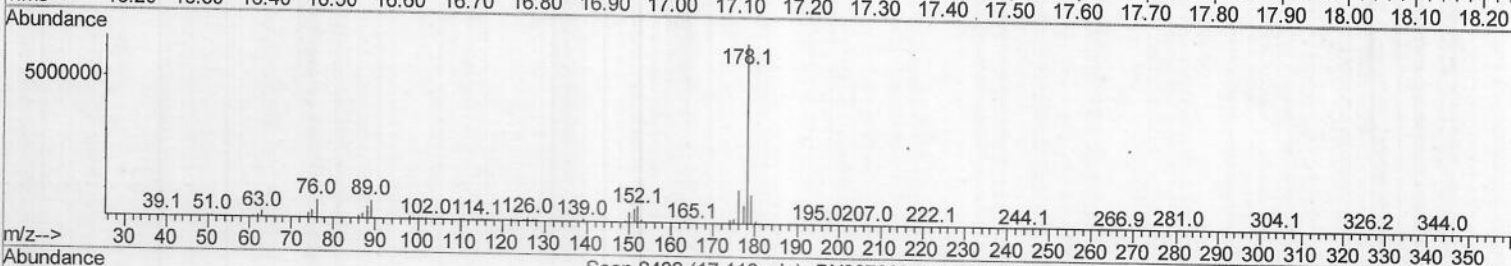
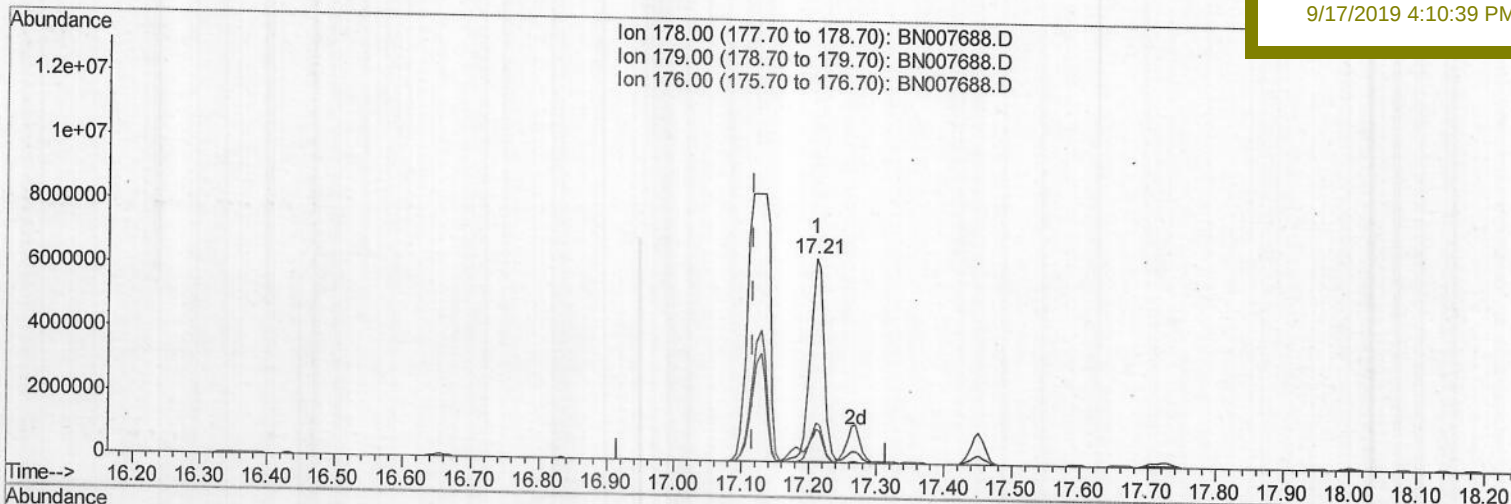
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091619\
 Data File : BN007688.D
 Acq On : 17 Sep 2019 05:26
 Operator : HP/JU
 Sample : K4633-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 18 04:47:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 F2D07

Manual Integrations
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(69) Phenanthrene

17.210min (+0.094) 37.19ng/ul

response 9072262

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	16.43
176.00	19.00	18.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

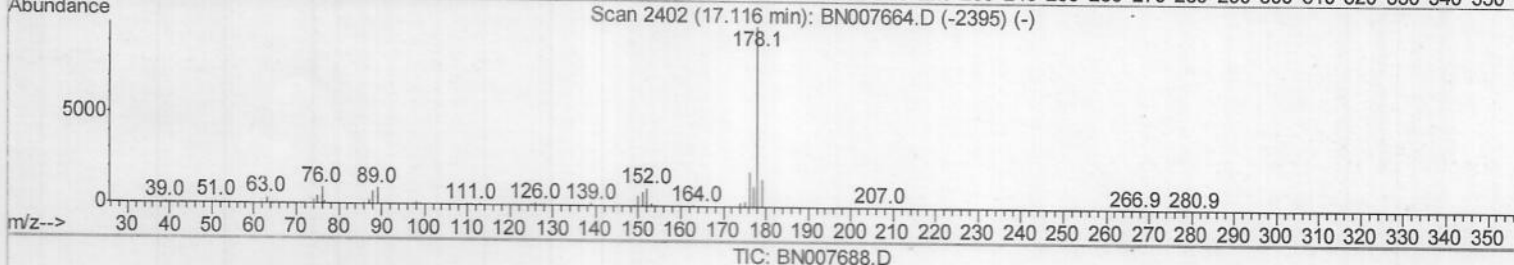
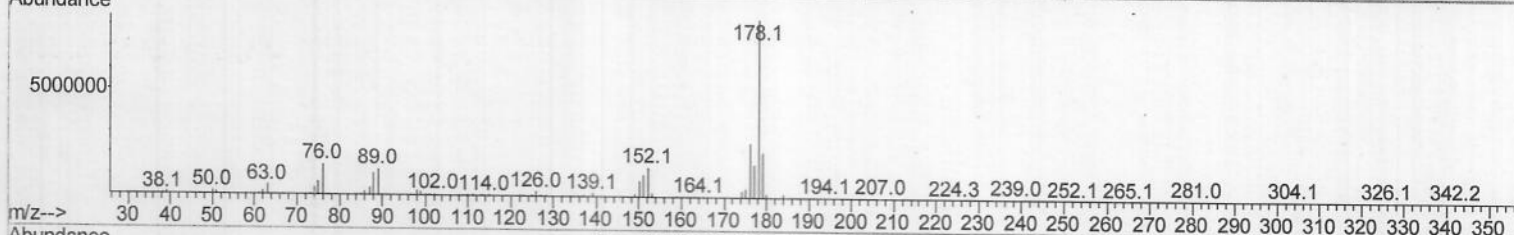
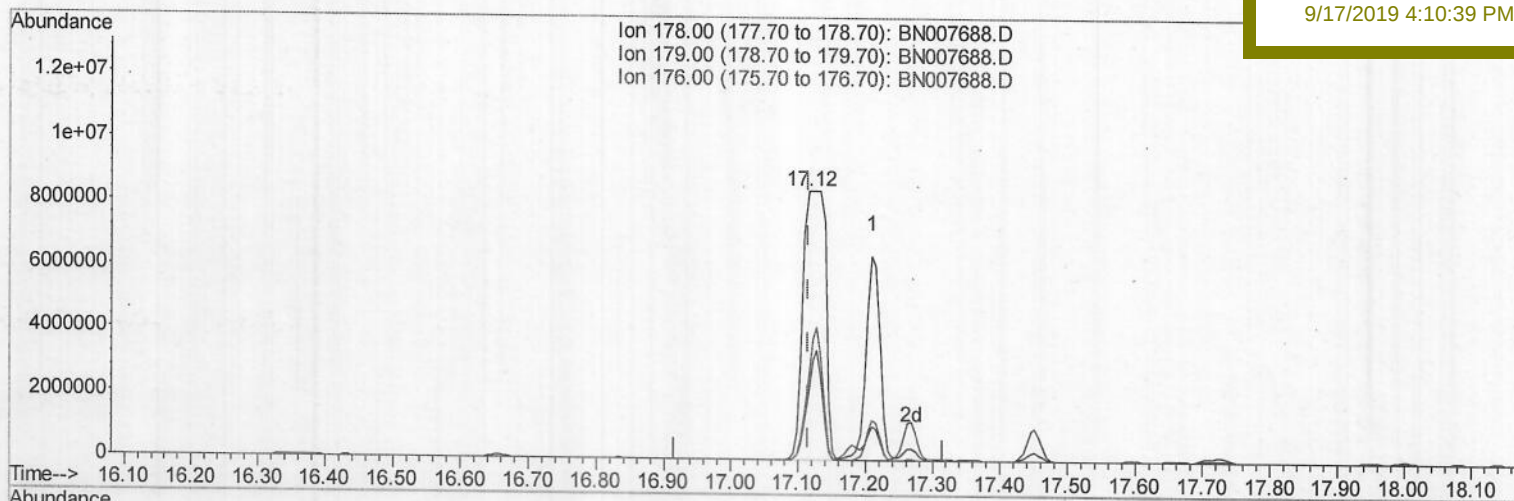
F2D07

Manual Integrations

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(69) Phenanthrene

17.116min (-0.000) 78.86ng/ul m > JU 09/18/19

response 19235714

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	25.53#
176.00	19.00	30.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

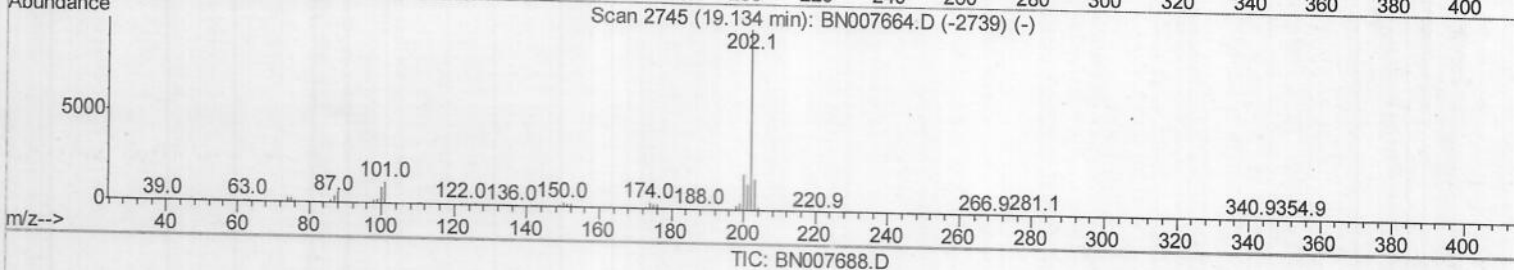
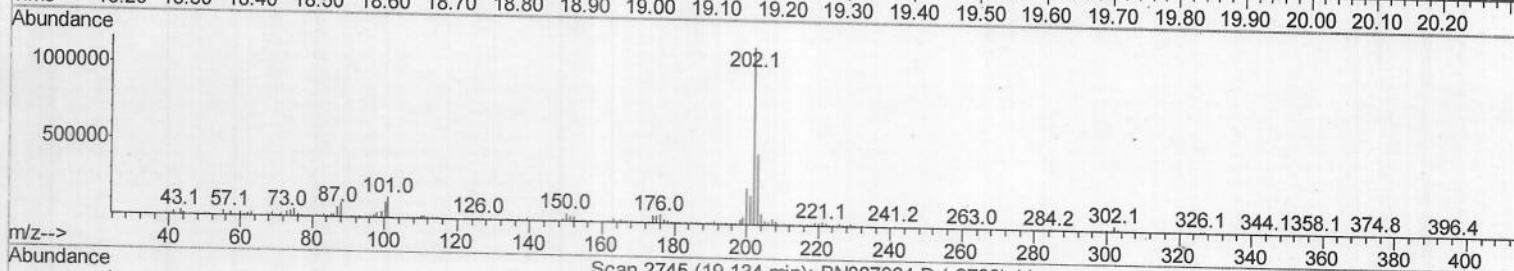
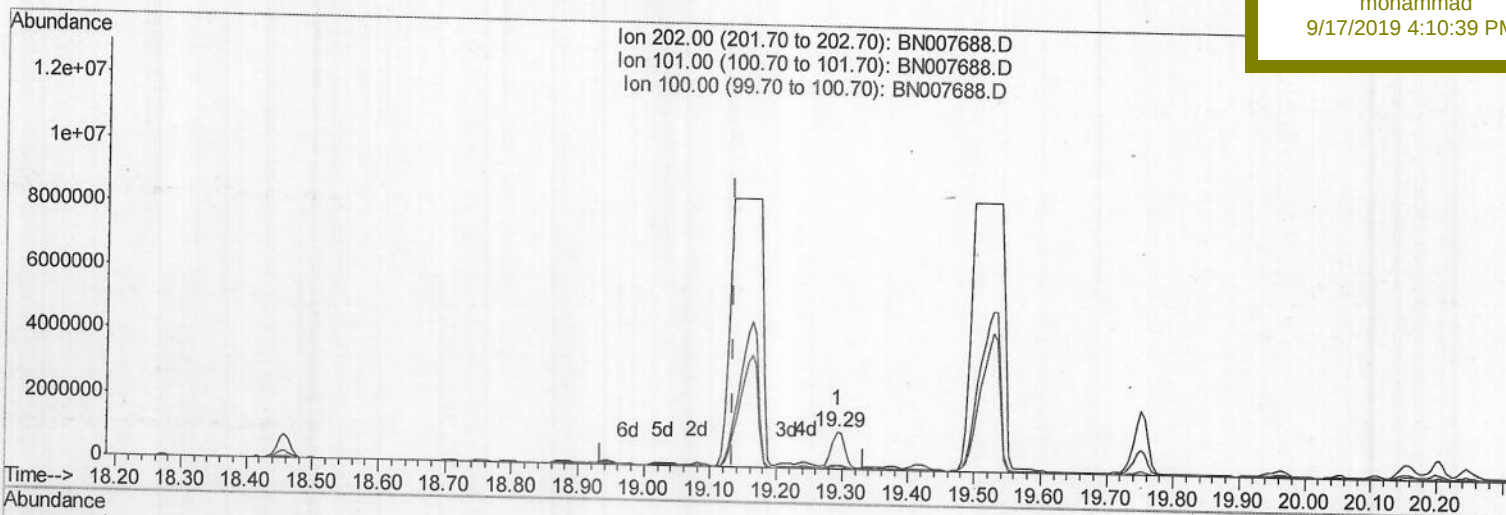
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007688.D
 Acq On : 17 Sep 2019 05:26
 Operator : HP/JU
 Sample : K4633-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 F2D07

Manual Integrations
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(76) Fluoranthene (C)

19.292min (+0.159) 5.33ng/ul

response 1425739

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	11.49
100.00	8.90	8.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : BN007688.D

Access On : 17 Sep 2019 05:26

Operator : HP/JU

Misc :

Quant Time: Sep 17 08:25:49 2019

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

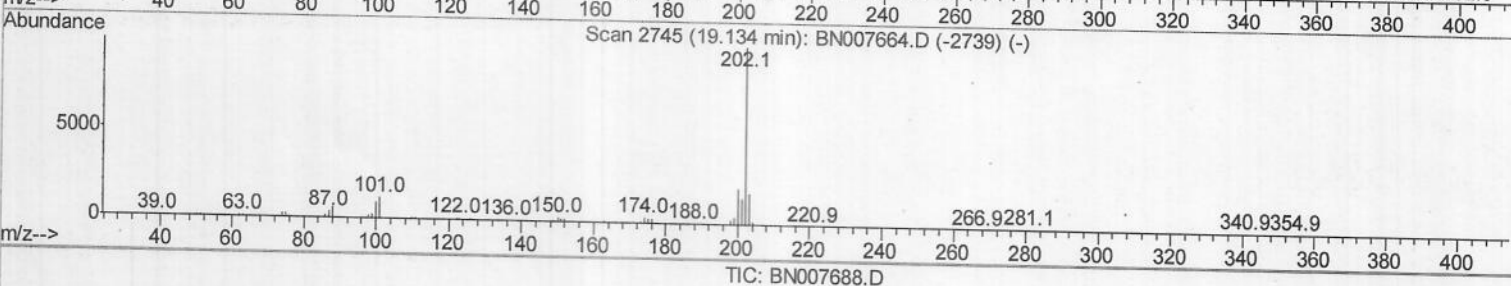
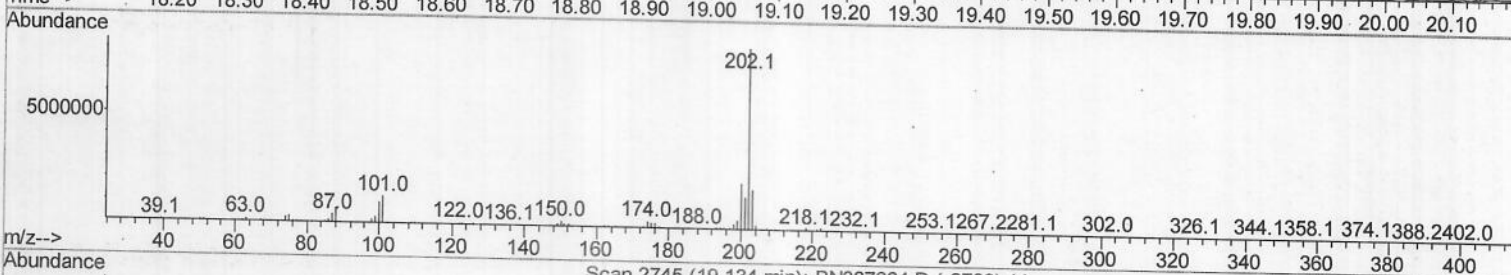
Response via : Initial Calibration

BNA N

F2D07

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19.133min (-0.000) 100.96ng/ul m > JU 09/18/21

Ion	Exp%	Act%
-----	------	------

202.00	100	100
--------	-----	-----

101.00 11.80 14.95#

100.00	8.90	11.58#
--------	------	--------

0.00	0.00	0.00
------	------	------

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

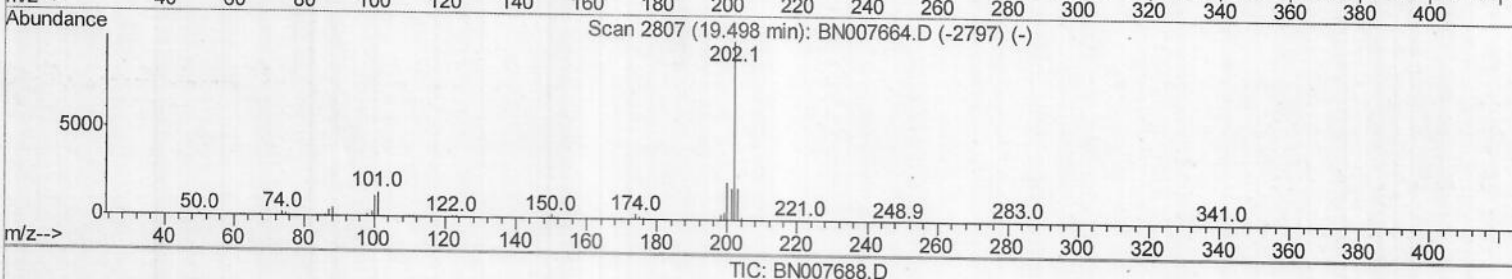
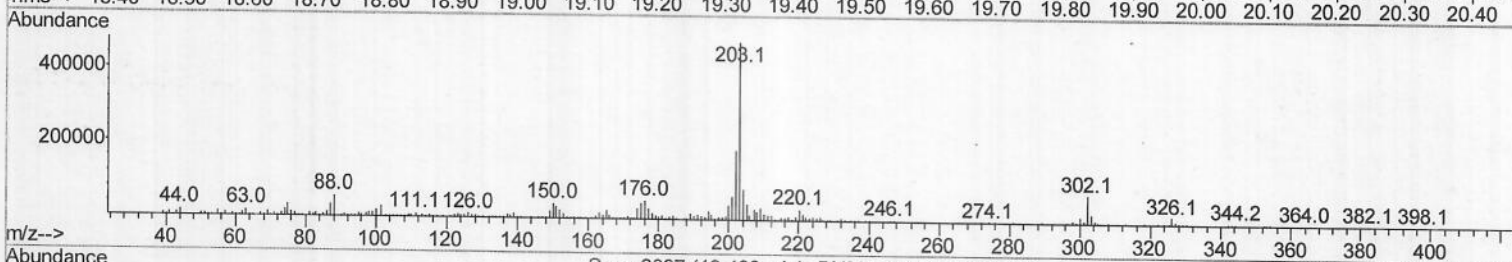
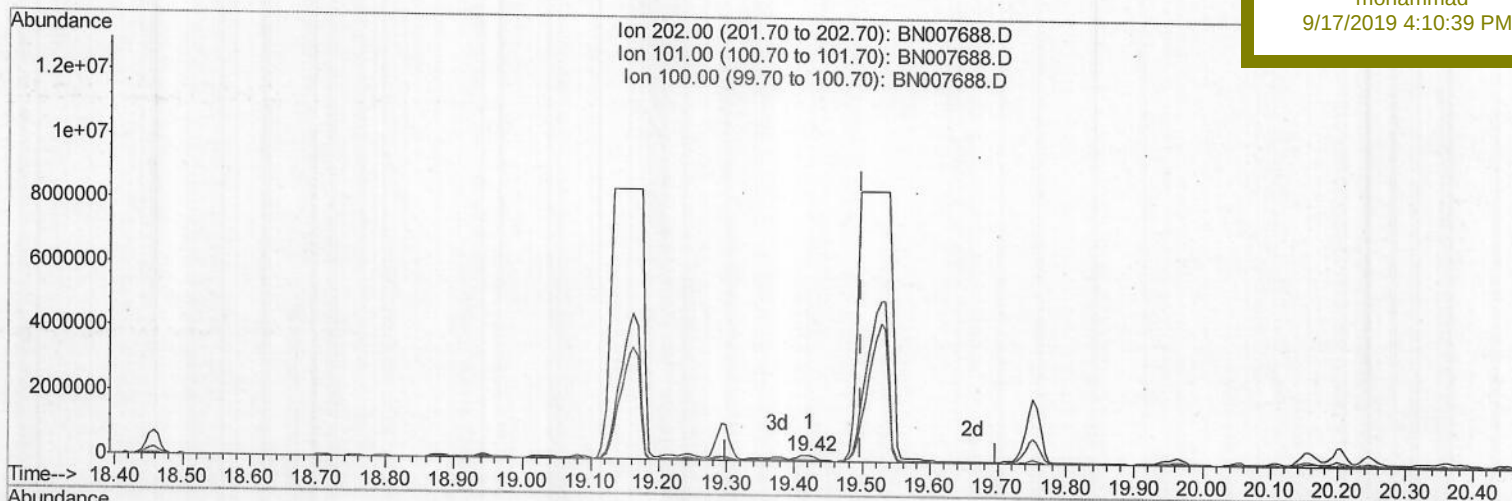
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

F2D07

Manual Integrations
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9/17/2019 4:10:39 PM

(79) Pyrene

19.422min (-0.077) 1.51ng/ul

response 334778

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	15.98
100.00	11.70	10.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

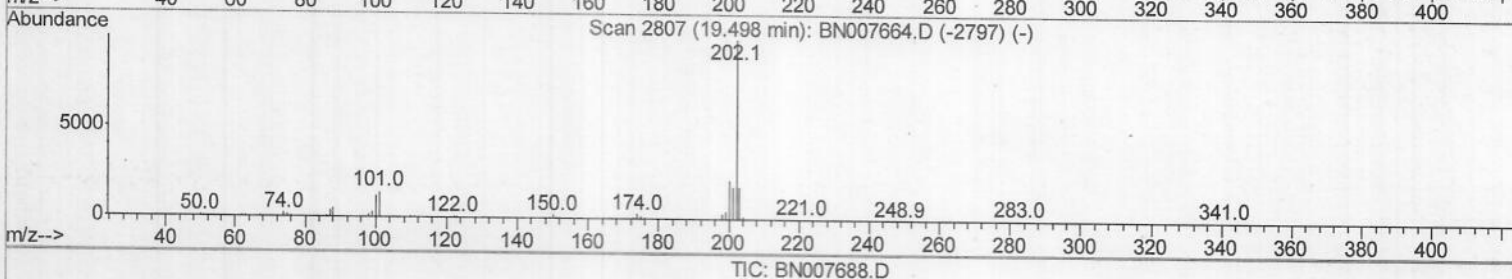
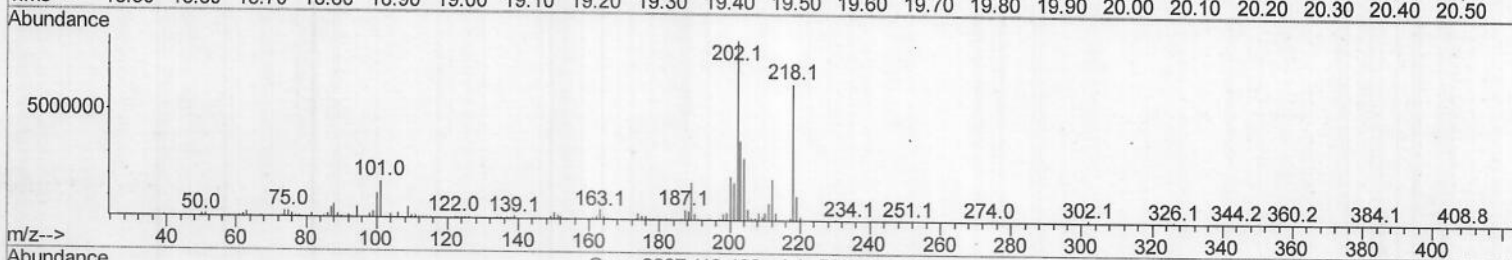
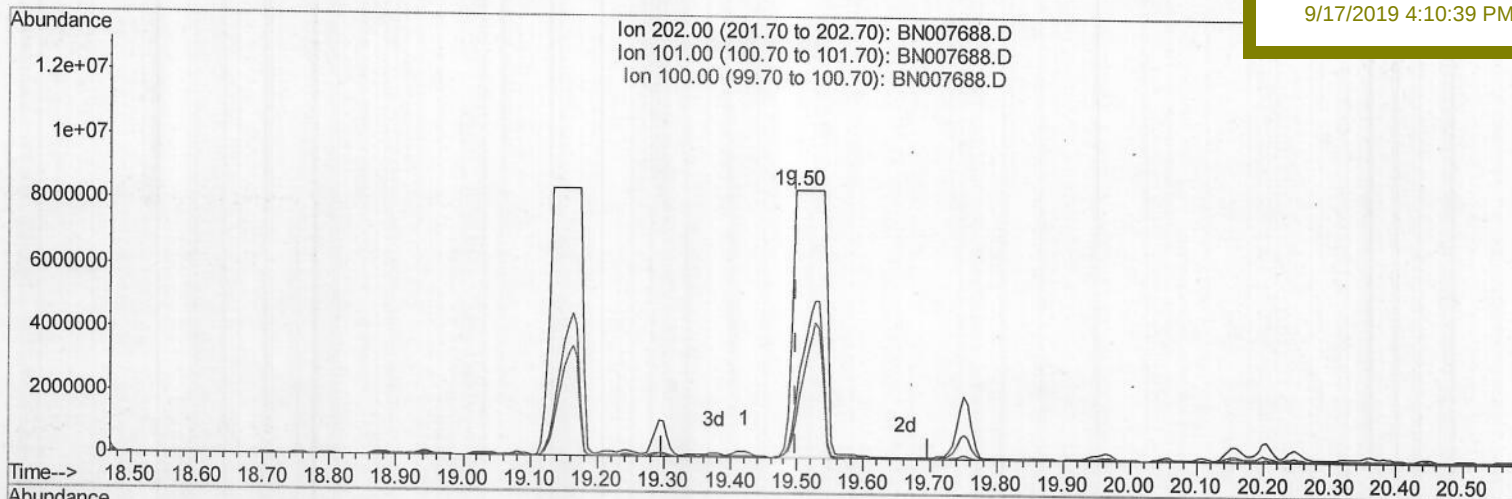
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

F2D07

Manual Integrations
APPROVEDmohammad
9/17/2019 4:10:39 PM

(79) Pyrene

19.498min (-0.000) 125.76ng/ul m 5 JU 09/18/19

response 27929411

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	20.61#
100.00	11.70	14.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

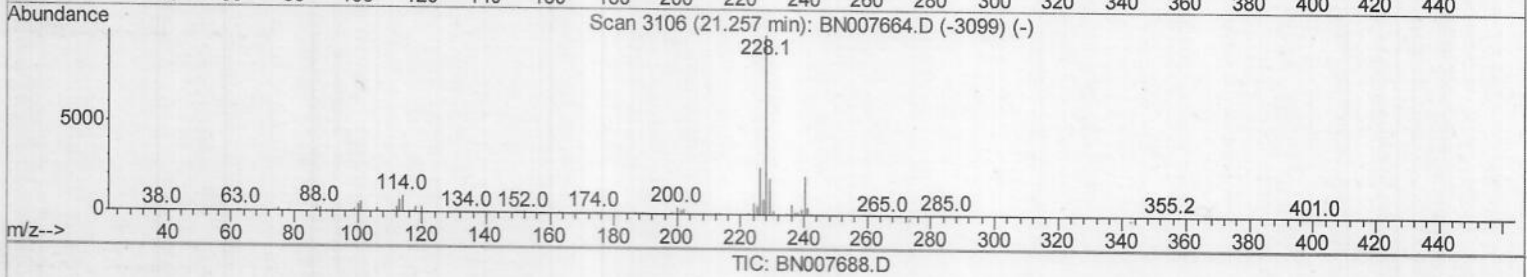
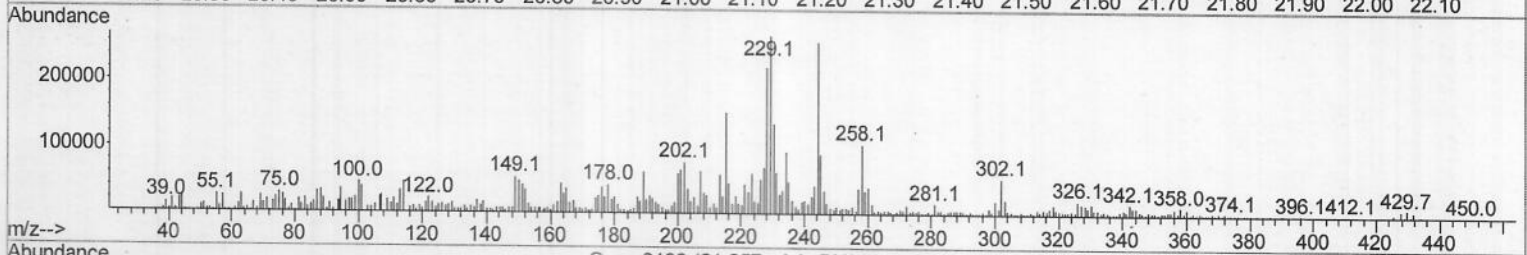
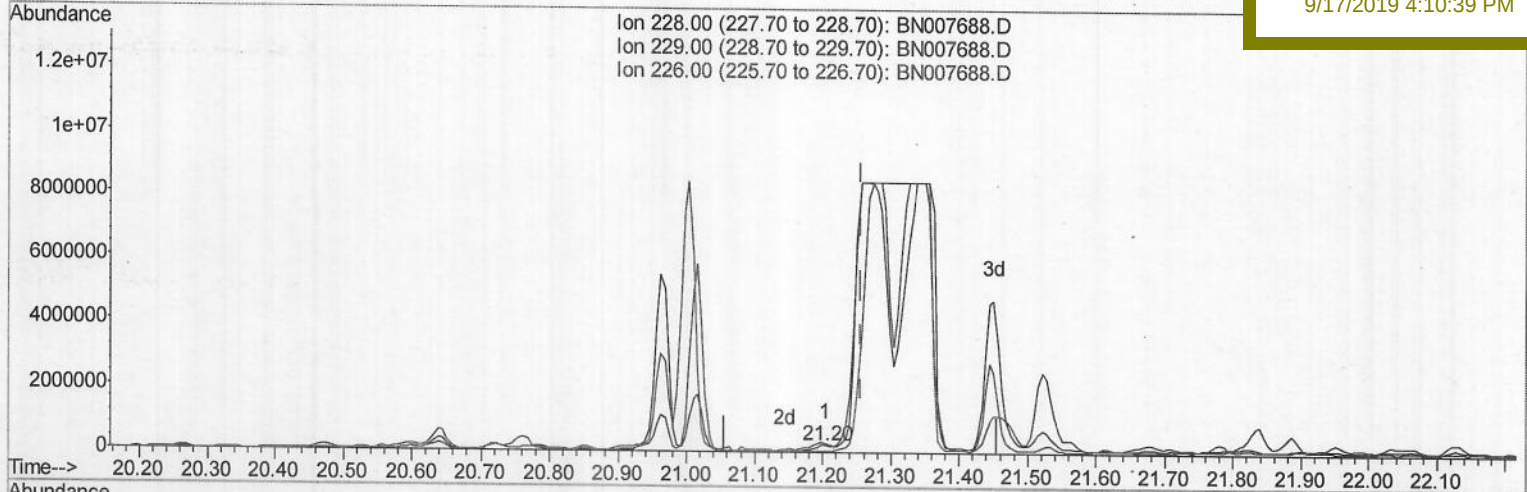
F2D07

Manual Integrations

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(82) Benzo(a)anthracene

21.204min (-0.053) 1.32ng/ul

response 313464

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	121.65#
226.00	26.10	23.20
0.00	0.00	0.00

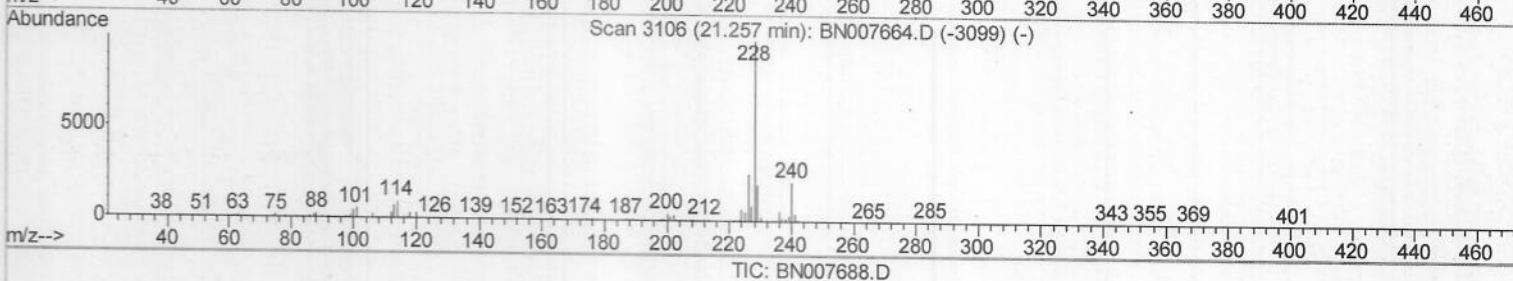
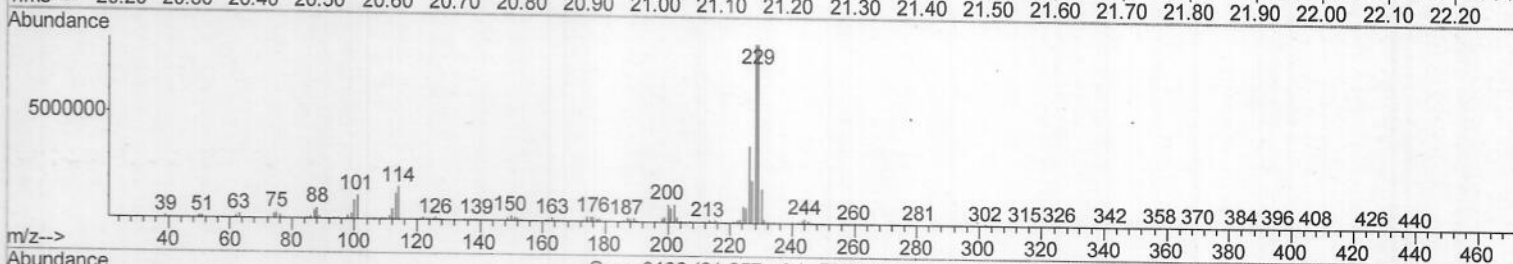
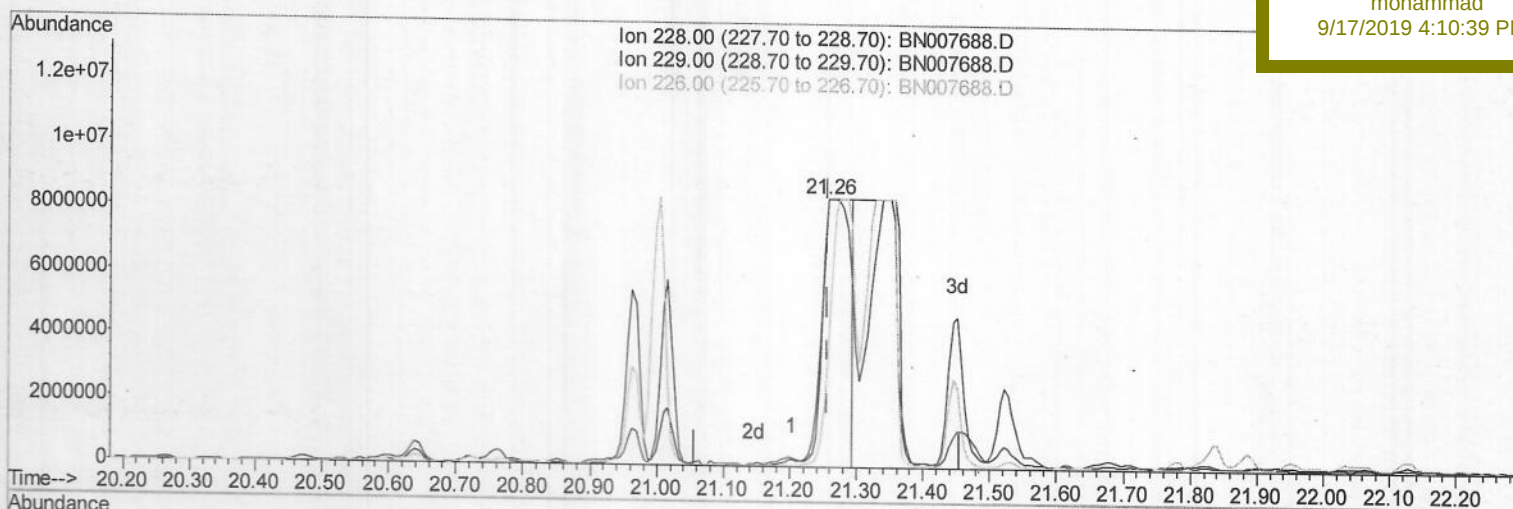
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:38:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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9/17/2019 4:10:39 PM



(82) Benzo(a)anthracene

21.257min (-0.000) 105.44ng/ul m

response 25057657

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	100.00#
226.00	26.10	43.55#
0.00	0.00	0.00

JU 09/18/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

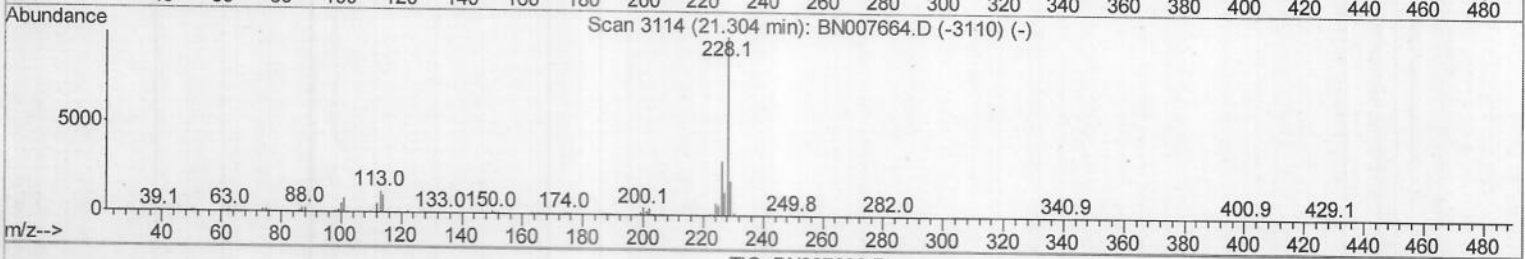
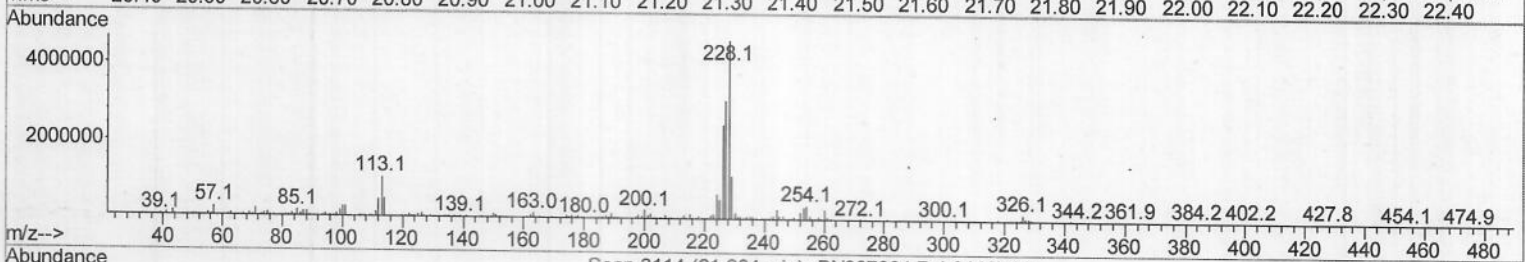
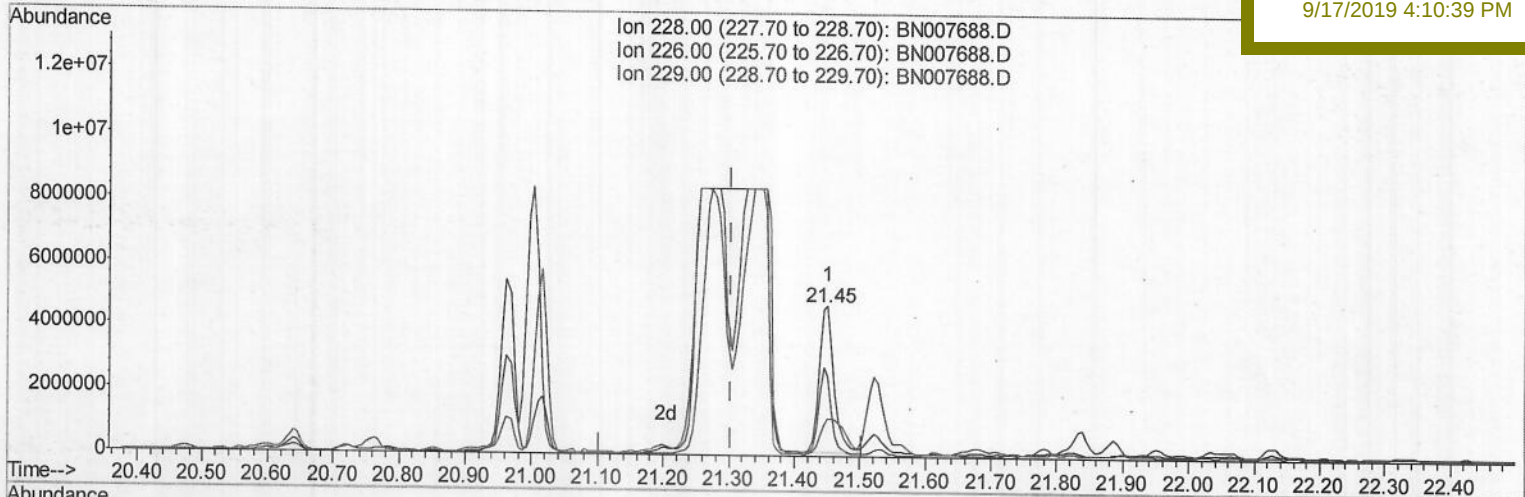
F2D07

Manual Integrations

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(84) Chrysene

21.451min (+0.147) 33.22ng/ul

response 7344715

Ion Exp% Act%

228.00 100 100

226.00 30.30 53.10#

229.00 19.40 24.34#

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:38:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

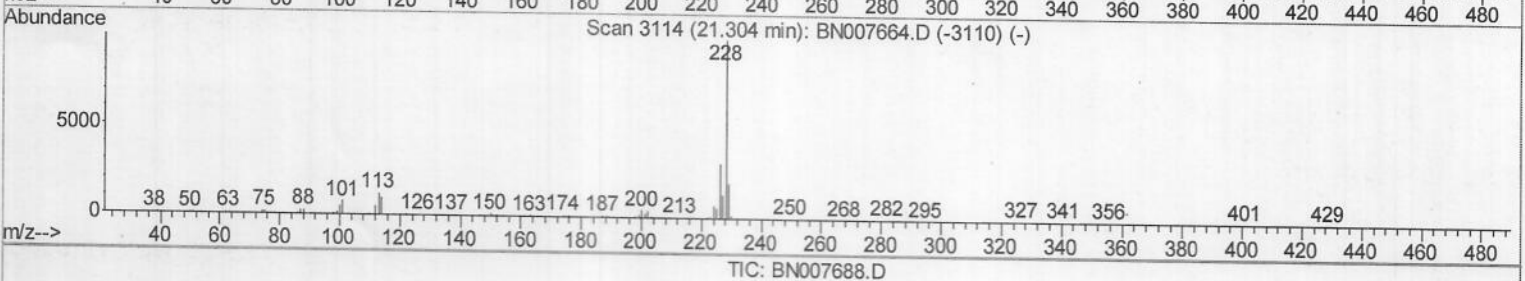
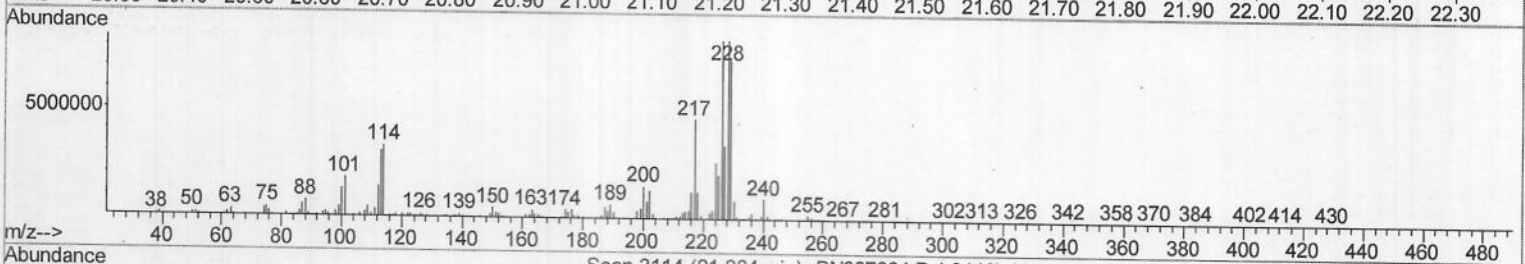
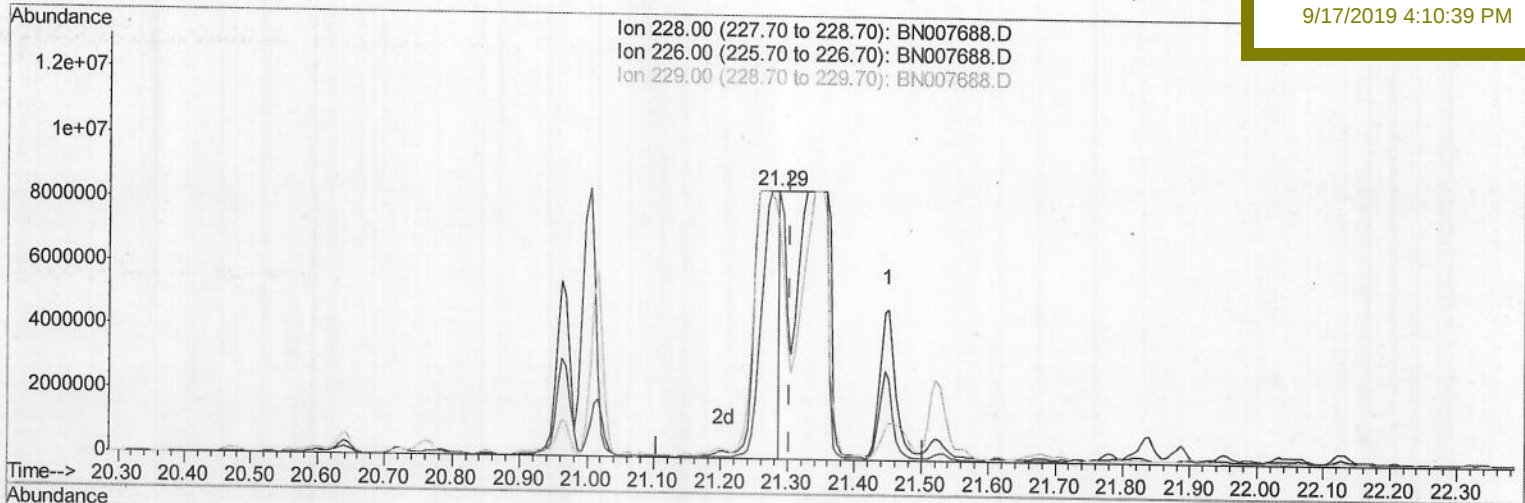
F2D07

Manual Integrations

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9/17/2019 4:10:39 PM



(84) Chrysene

21.286min (-0.018) 175.78ng/ul m

response 38868145

Ion Exp% Act%

228.00 100 100

226.00 30.30 100.00#

229.00 19.40 89.14#

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

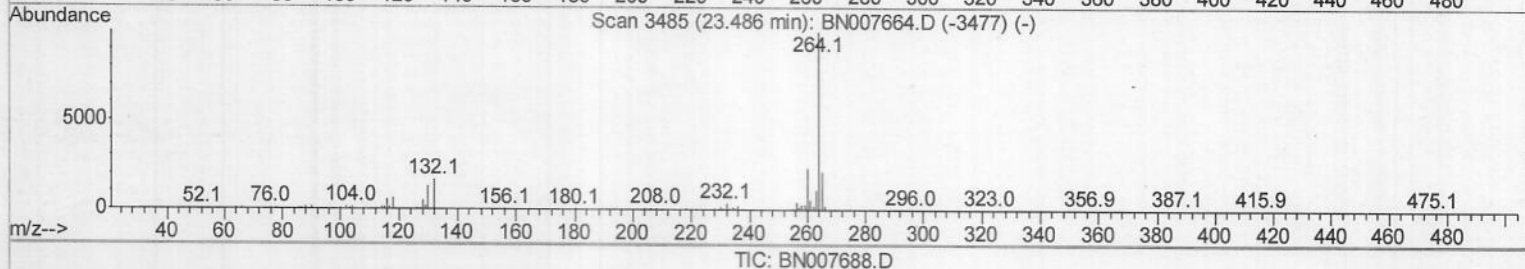
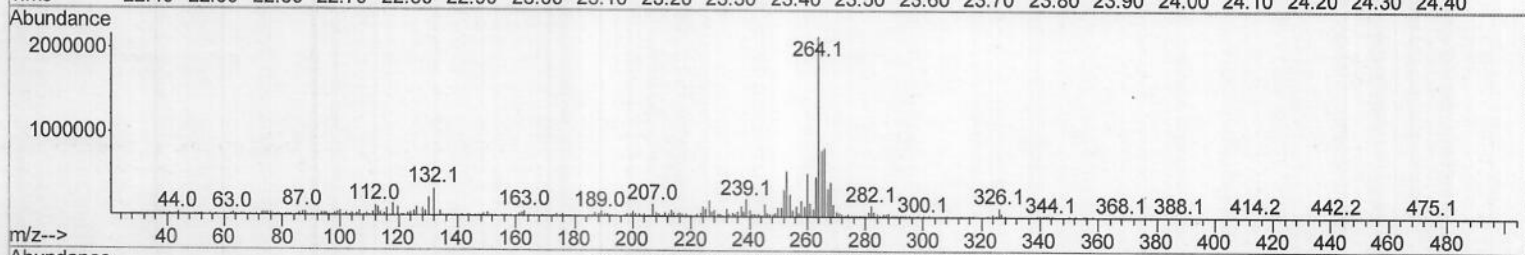
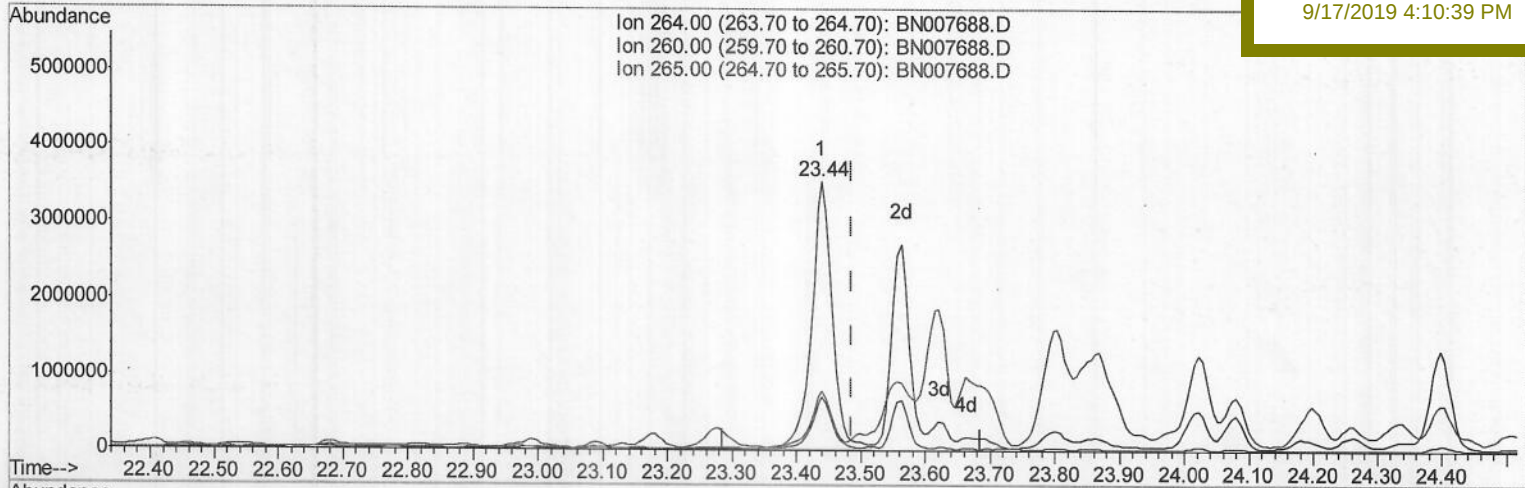
F2D07

Manual Integrations

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(85) Perylene-d12 (I)

23.439min (-0.047) 20.00ng/ul

response 7861645

Ion	Exp%	Act%
264.00	100	100
260.00	23.40	20.00
265.00	21.60	22.39
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:25:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

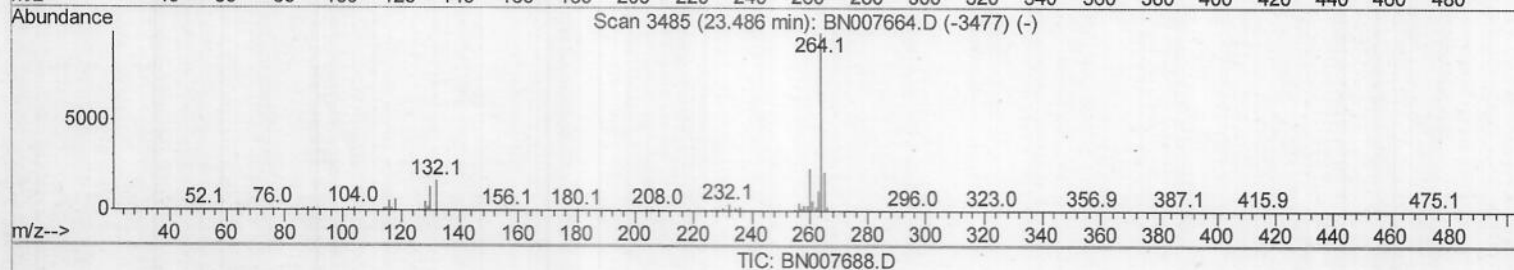
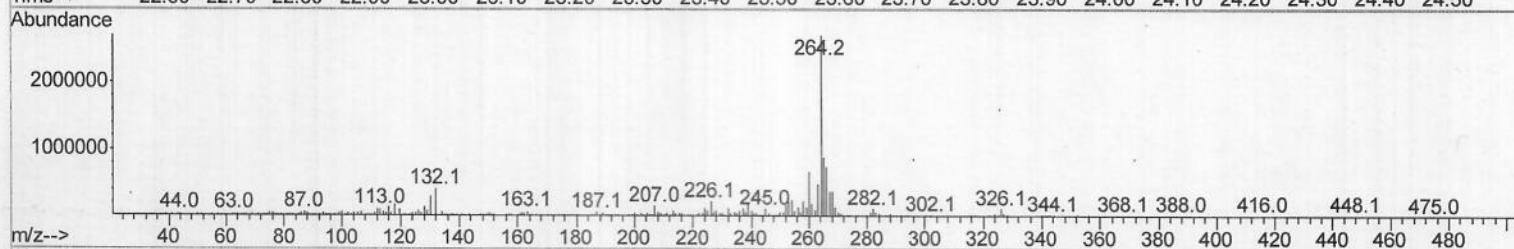
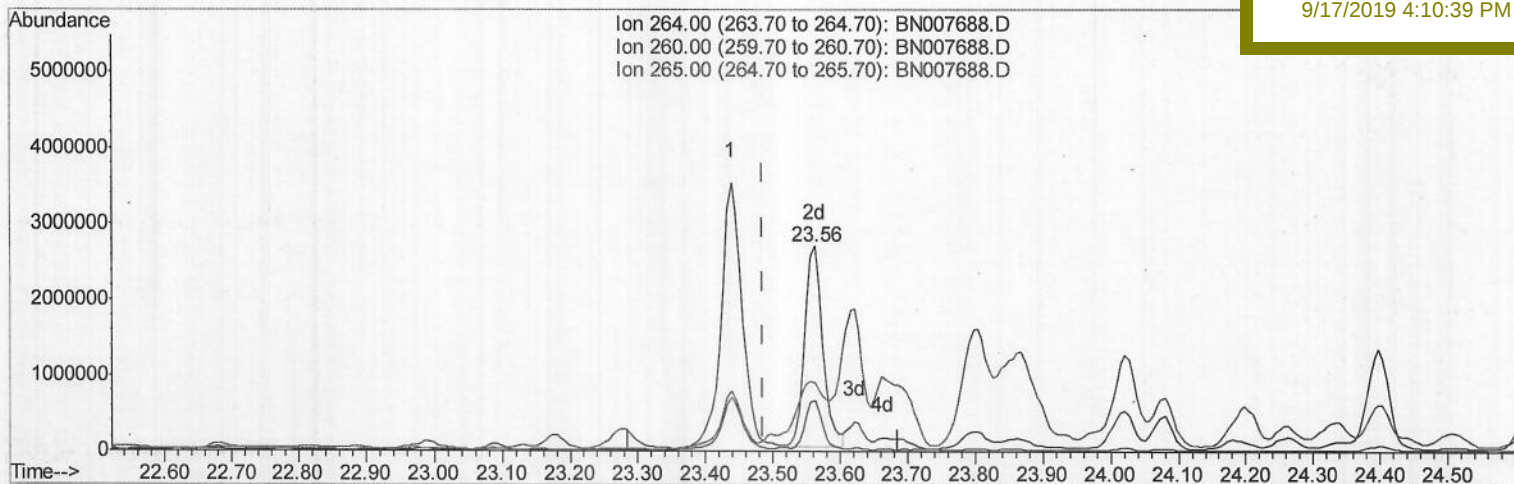
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

F2D07

Manual Integrations
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(85) Perylene-d12 (I)

23.563min (+0.076) 20.00ng/ul m

> JU 09/18/19

response 4933532

Ion	Exp%	Act%
264.00	100	100
260.00	23.40	24.35
265.00	21.60	32.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007688.D
 Acq On : 17 Sep 2019 05:26
 Operator : HP/JU
 Sample : K4633-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

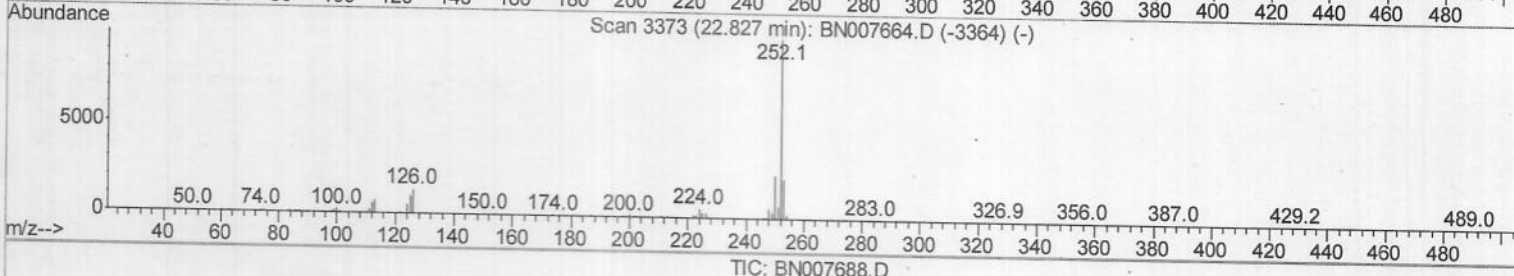
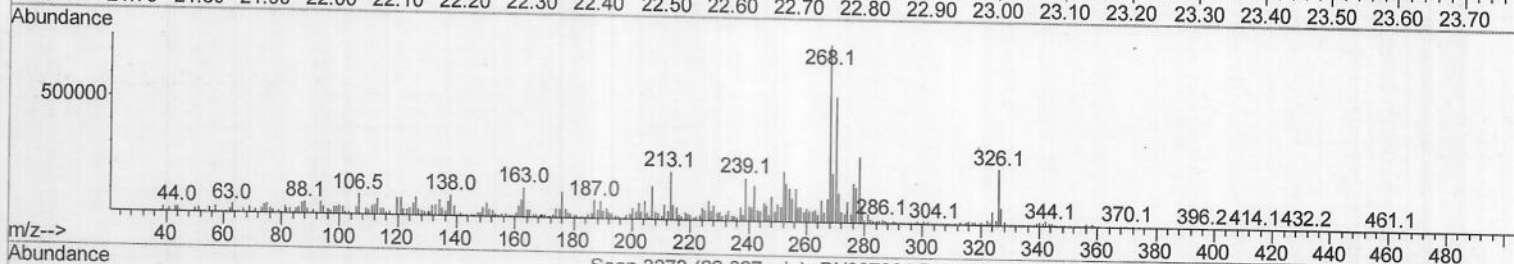
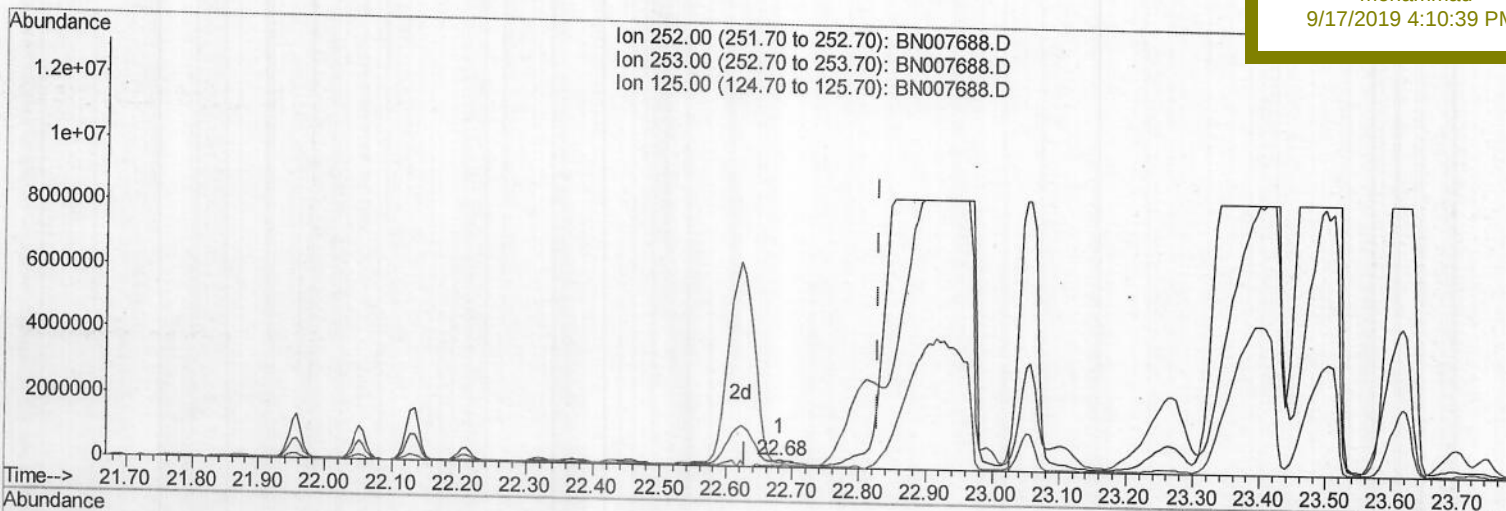
F2D07

Manual Integrations

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(87) Benzo(b)fluoranthene

22.680min (-0.147) 0.71ng/ul

response 225155

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	74.93#
125.00	10.00	24.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

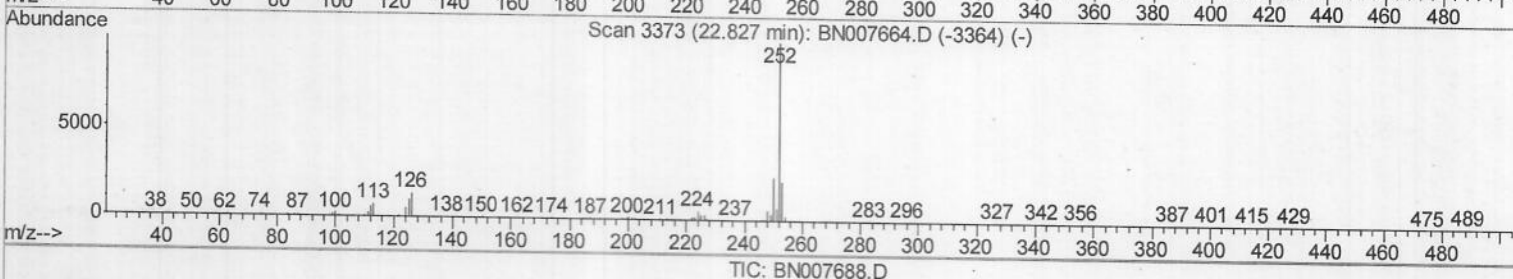
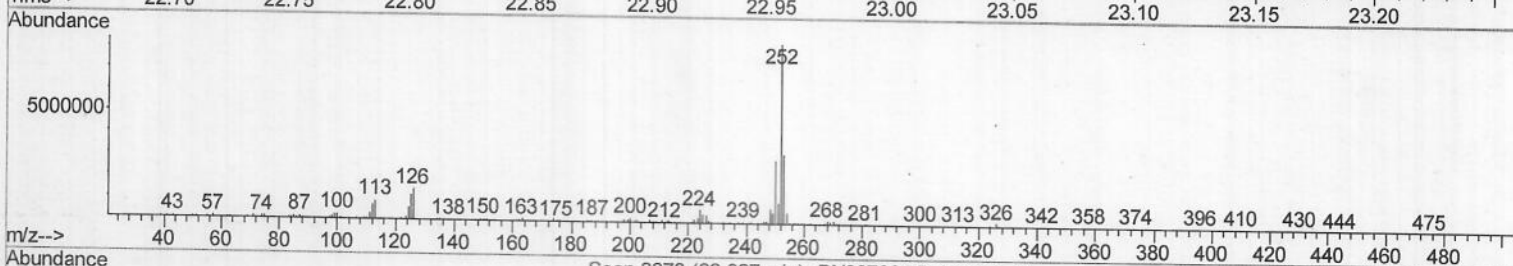
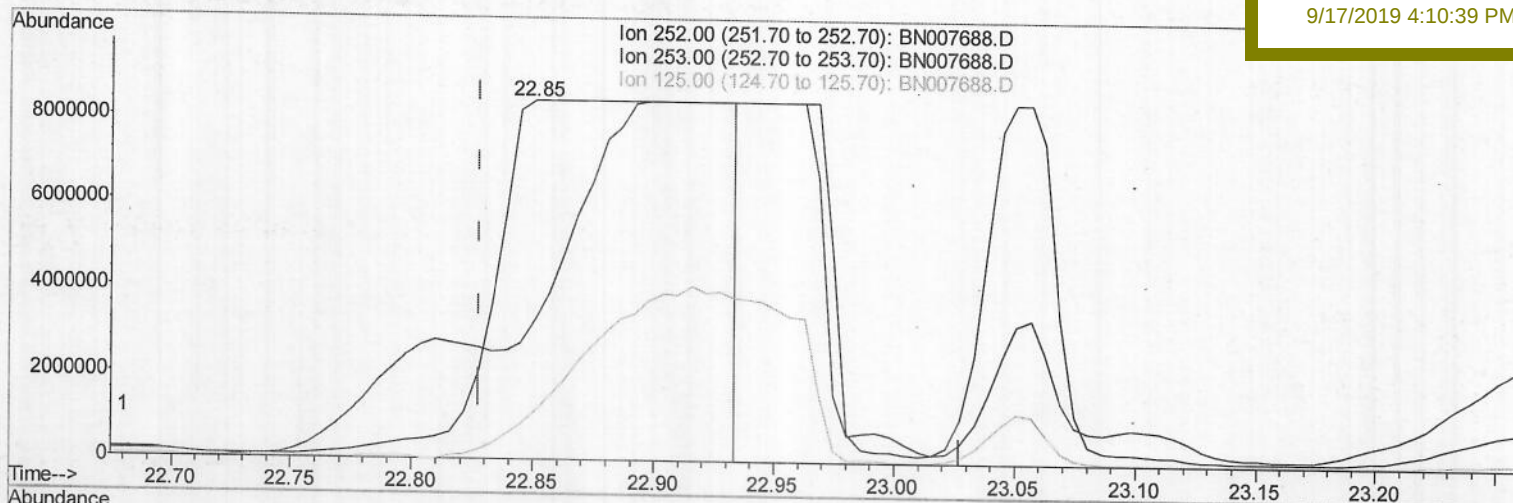
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
 Data File : BN007688.D
 Acq On : 17 Sep 2019 05:26
 Operator : HP/JU
 Sample : K4633-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 14:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 F2D07

Manual Integrations
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 9/17/2019 4:10:39 PM



TIC: BN007688.D

(87) Benzo(b)fluoranthene

22.851min (+0.023) 166.25ng/ul m > JU 09/18/19

response 53041018

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	38.72#
125.00	10.00	13.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

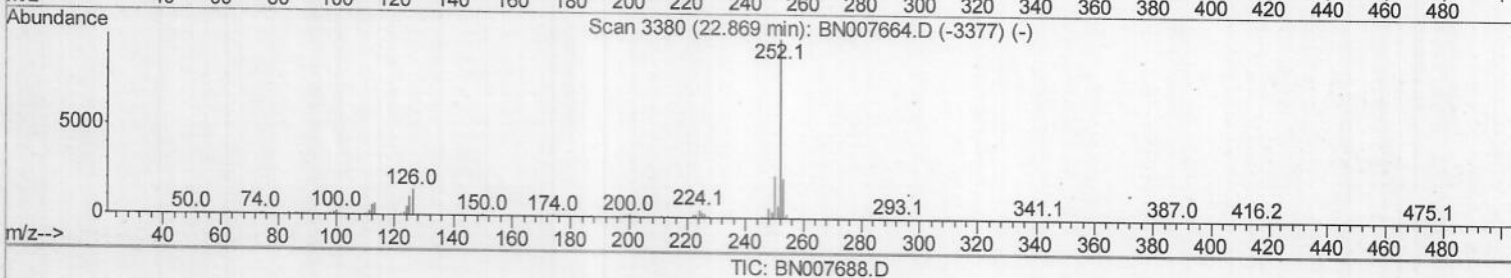
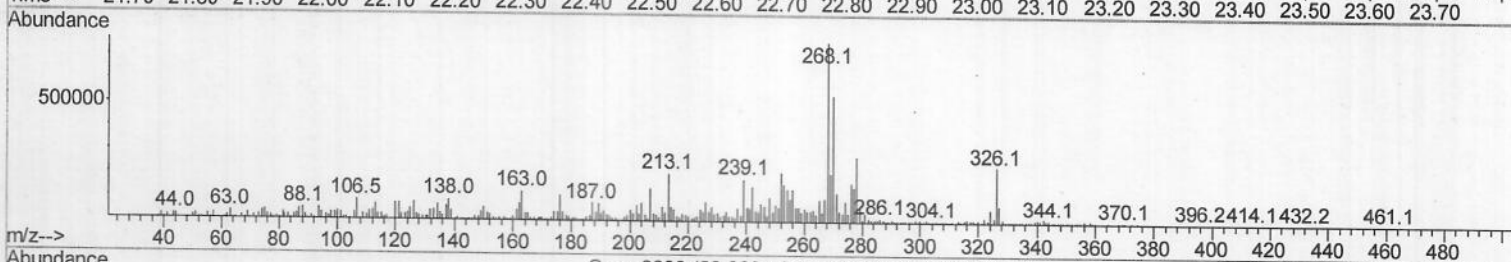
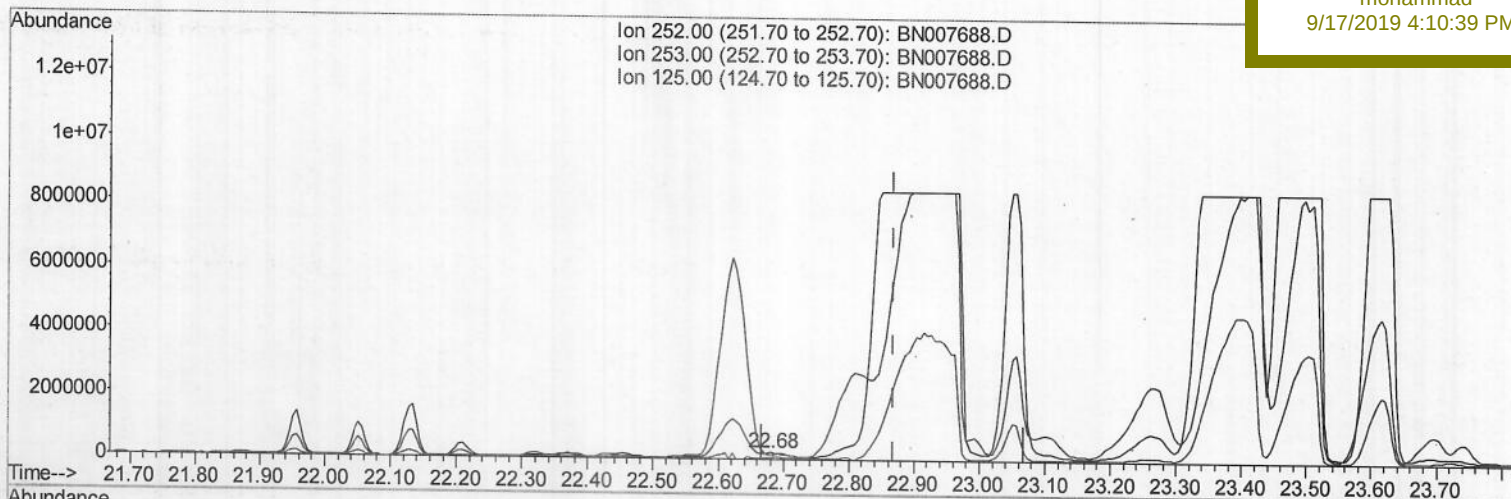
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

F2D07

Manual Integrations
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9/17/2019 4:10:39 PM

(88) Benzo(k)fluoranthene

22.680min (-0.188) 0.73ng/ul

response 225155

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	74.93#
125.00	10.30	24.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 14:39:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

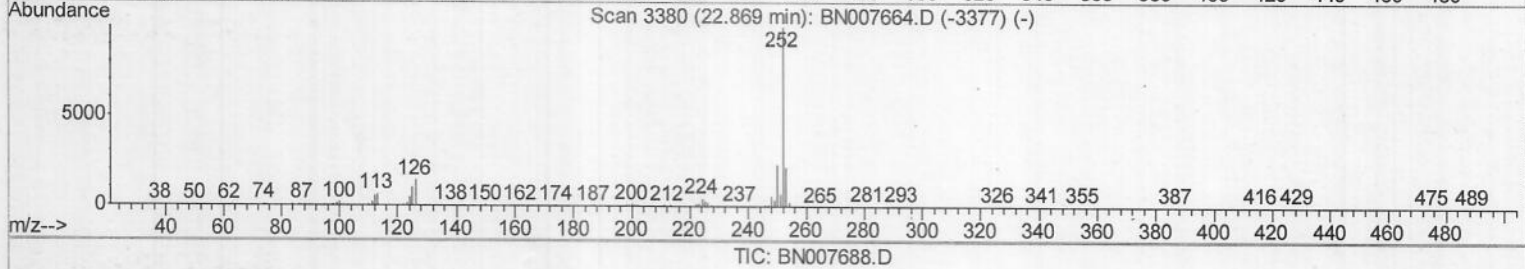
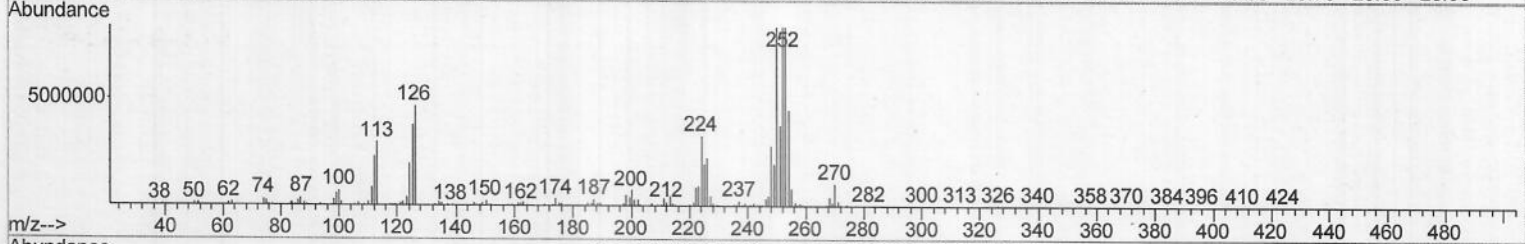
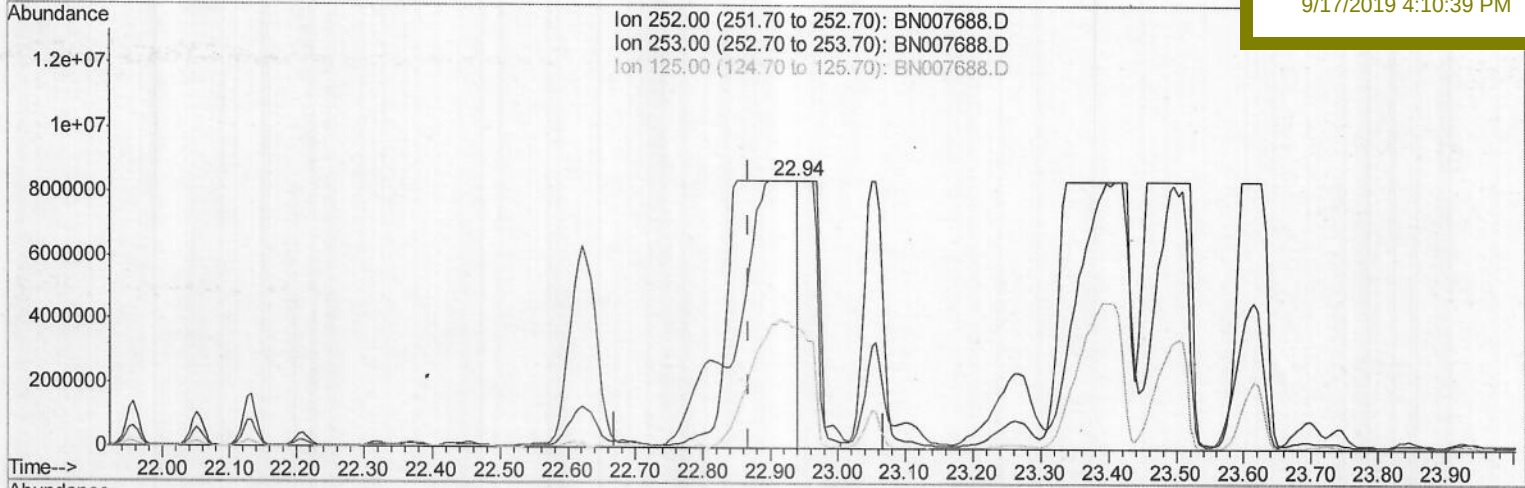
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Manual Integrations

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(88) Benzo(k)fluoranthene

22.939min (+0.070) 55.19ng/ul m > JU 09/18/19

response 17110749

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	100.00#
125.00	10.30	44.98#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

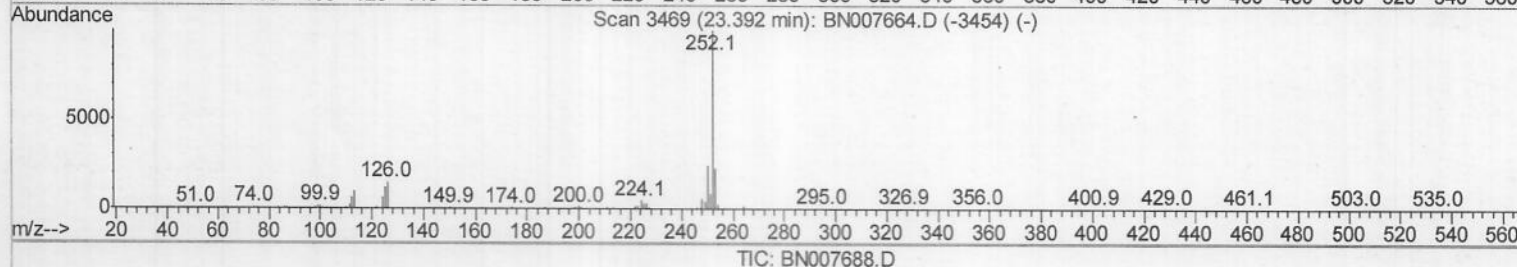
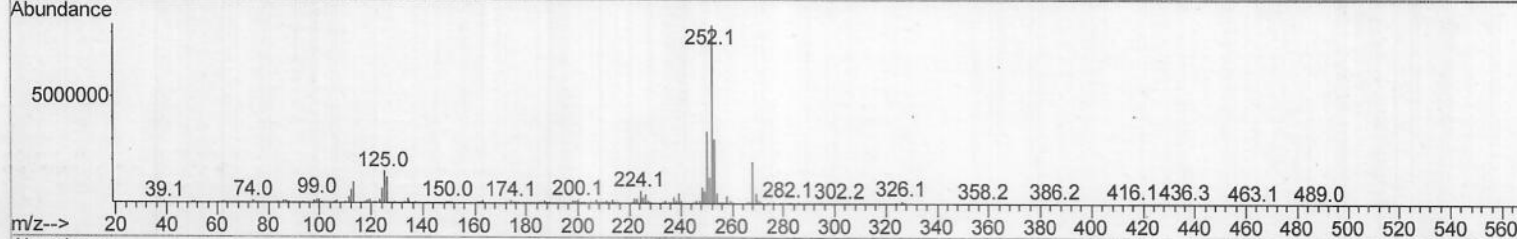
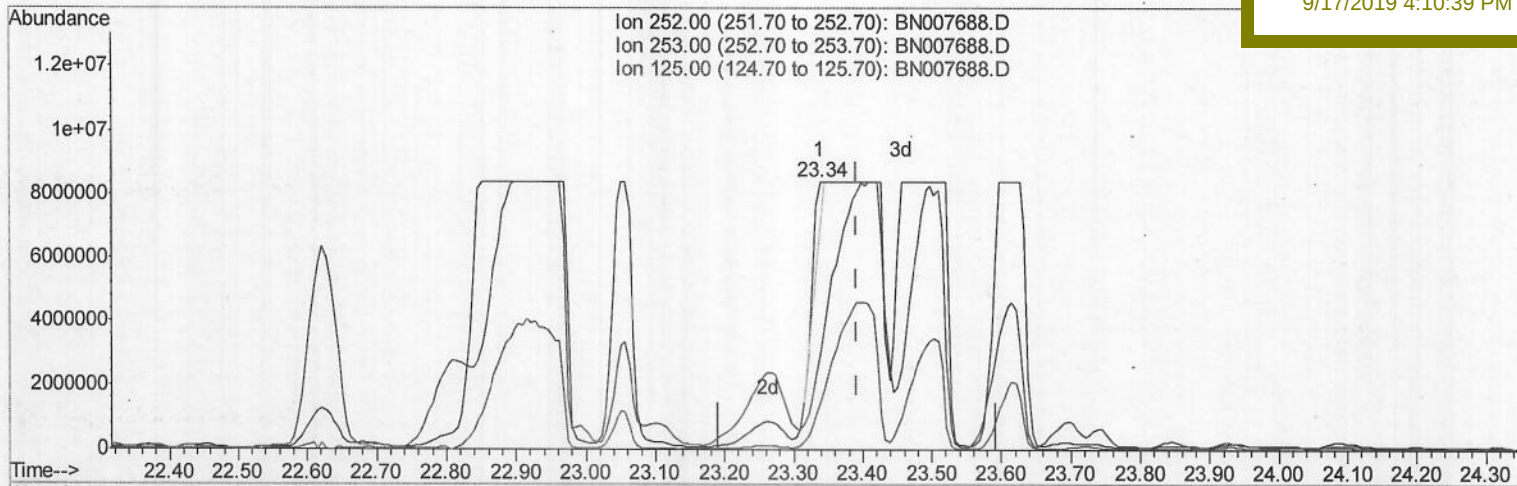
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

F2D07

Manual Integrations
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(90) Benzo(a)pyrene (C)

23.339min (-0.053) 10.42ng/ul

response 3213848

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	36.01#
125.00	11.50	17.64#
0.00	0.00	0.00

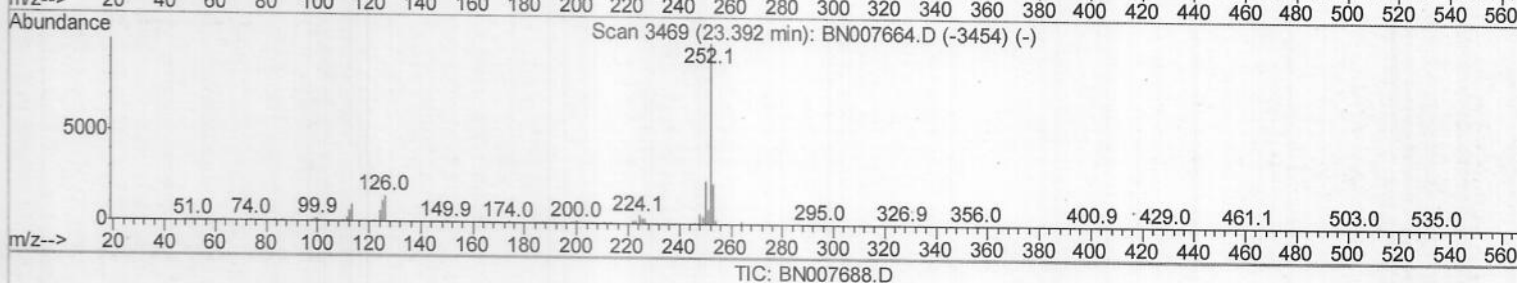
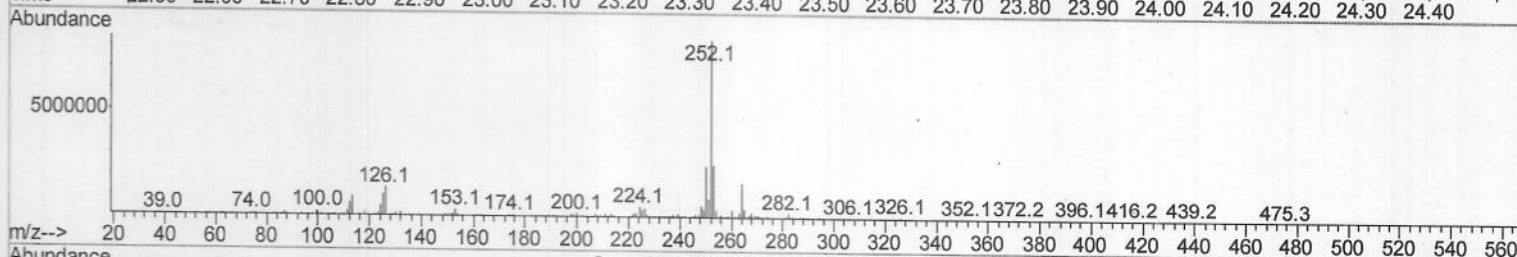
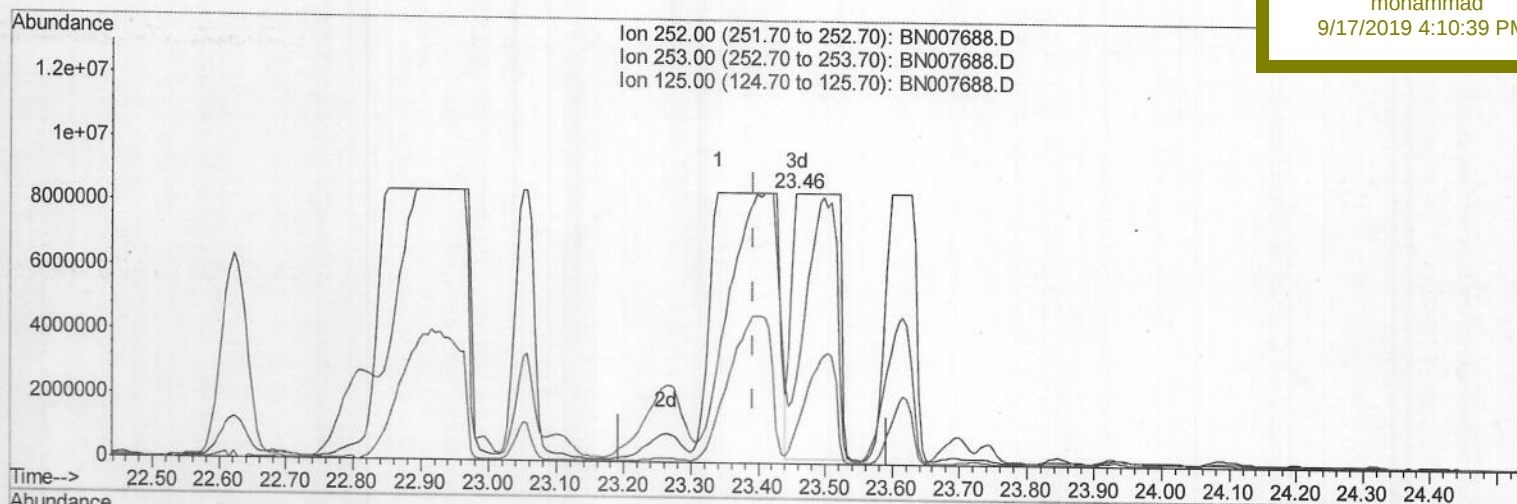
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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(90) Benzo(a)pyrene (C)

23.457min (+0.065) 124.94ng/ul m > JU 09/18/19

response 38538697

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	29.95#
125.00	11.50	12.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

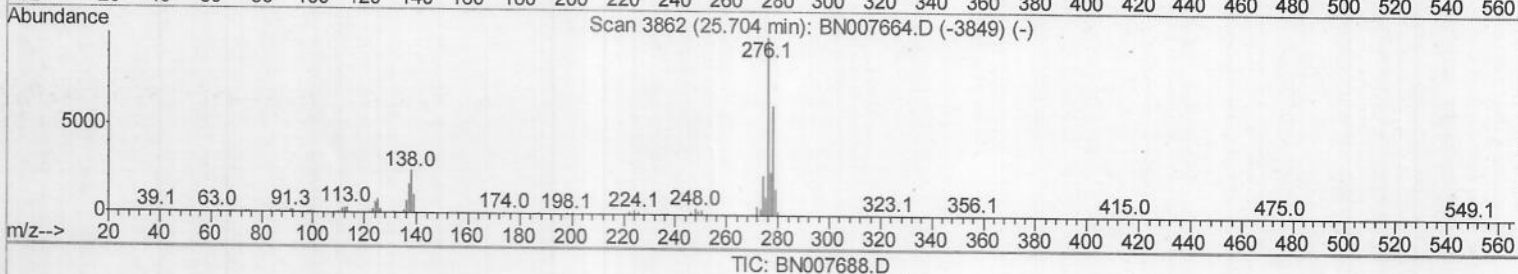
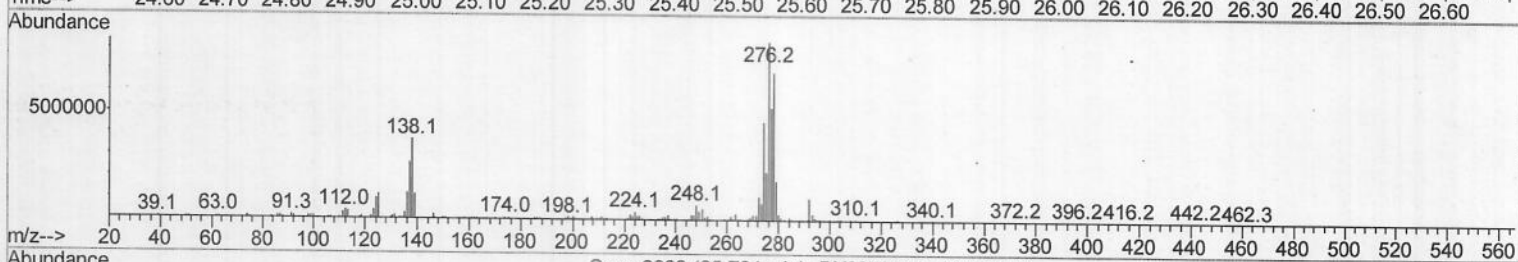
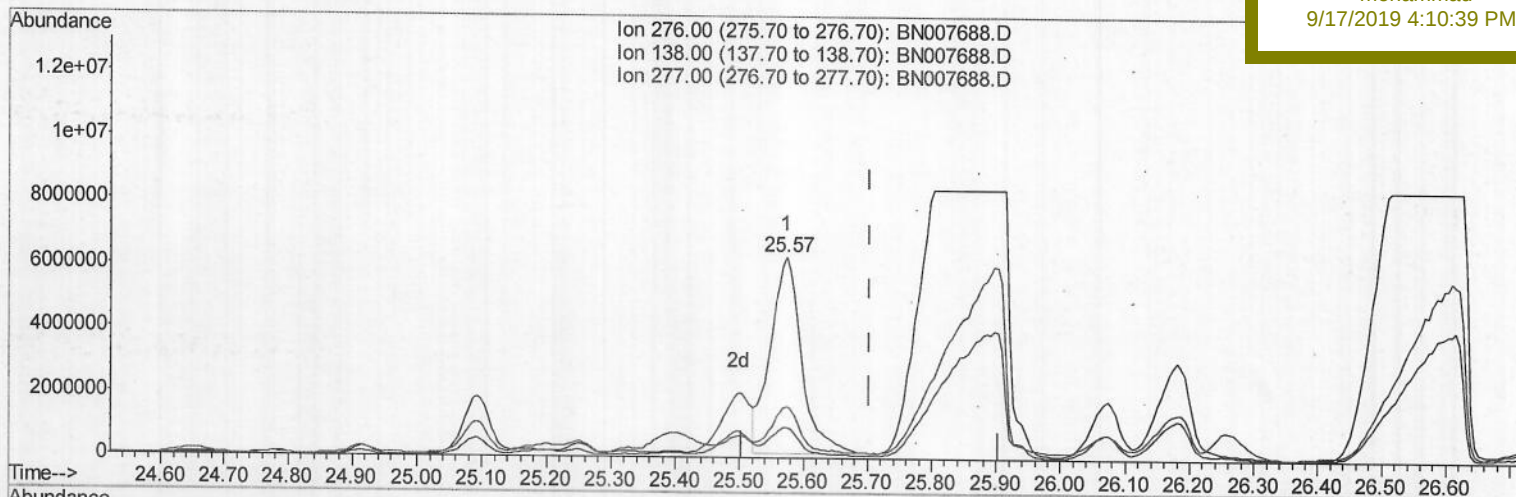
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Manual Integrations

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

25.574min (-0.130) 58.20ng/ul

response 21092230

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	14.89#
277.00	24.60	25.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

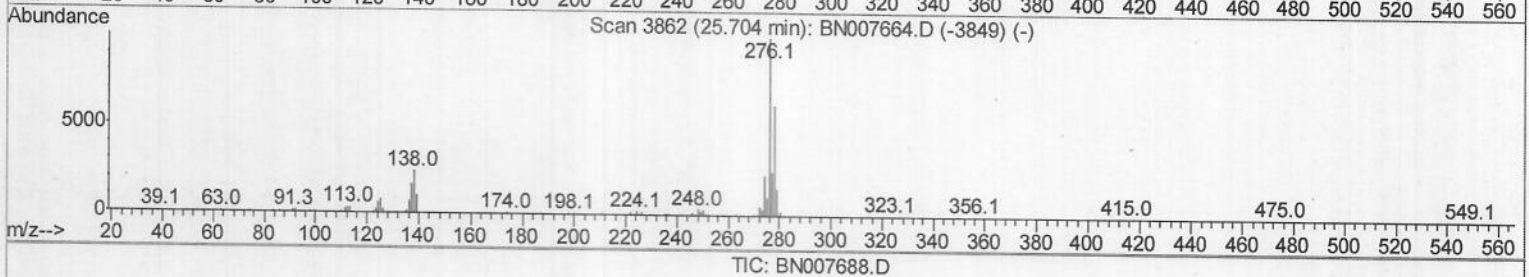
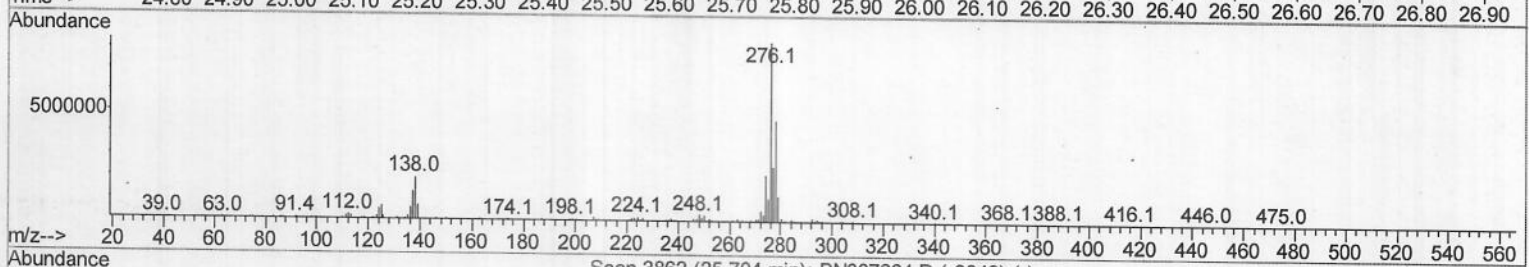
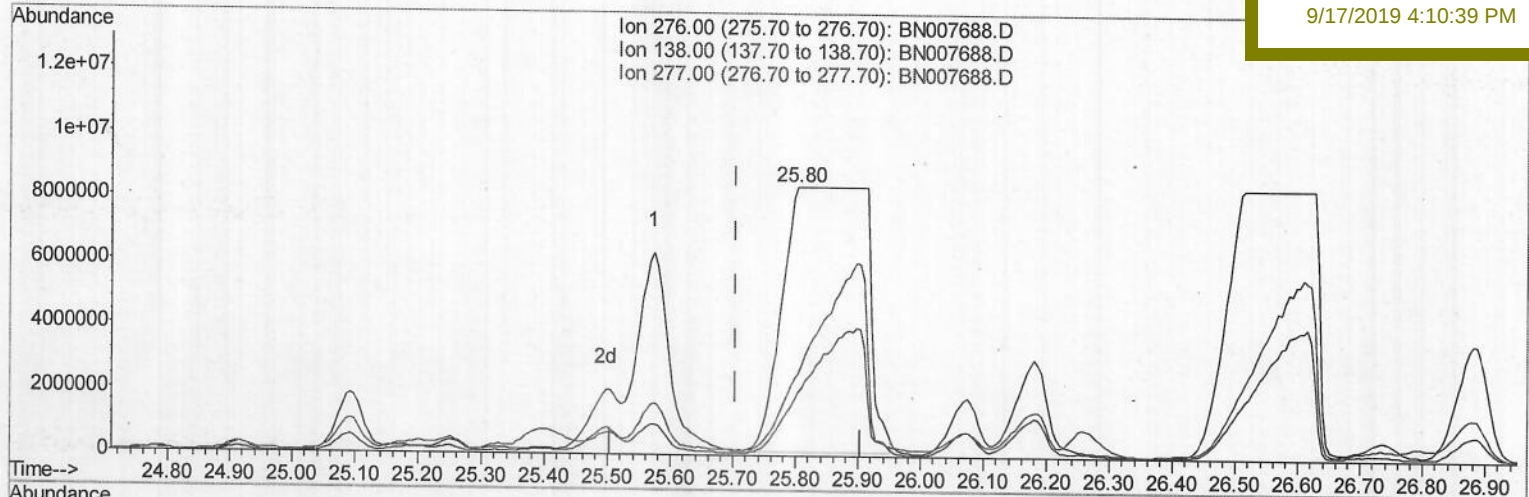
ClientSampleId :

F2D07

Manual Integrations
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(91) Indeno(1,2,3-cd)pyrene

25.804min (+0.100) 208.29ng/ul m

JU 09/18/29

response 75485391

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	23.47
277.00	24.60	30.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

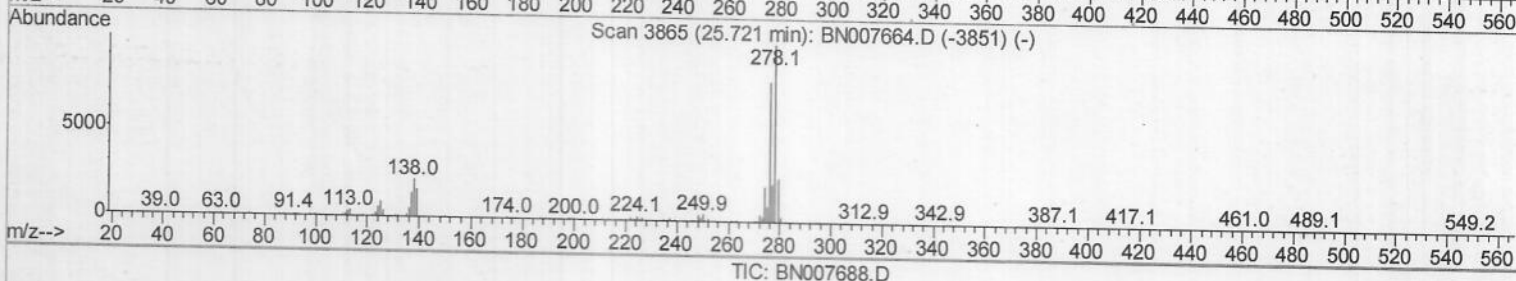
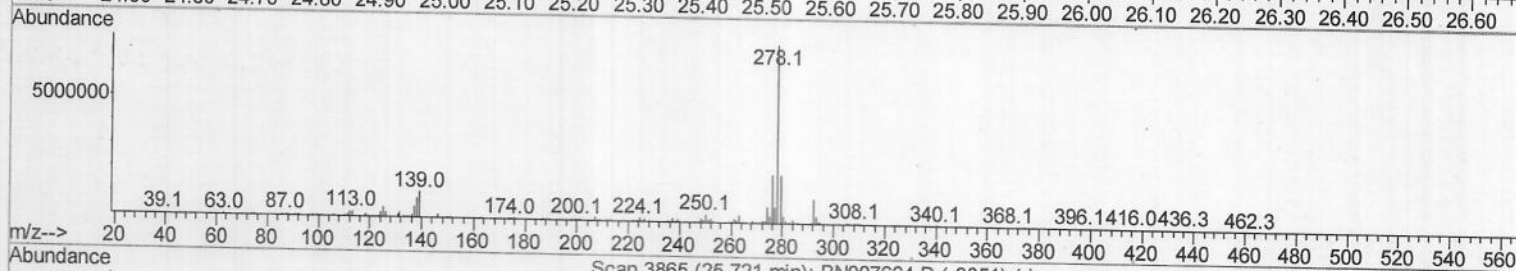
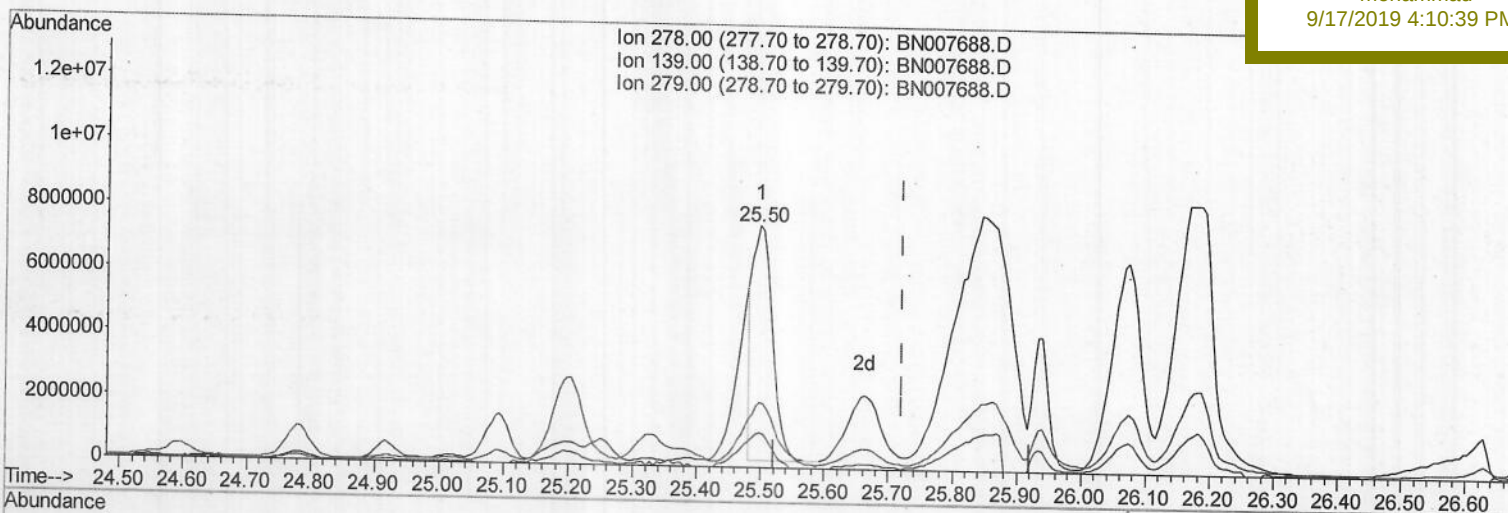
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
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Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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(92) Dibenzo(a,h)anthracene

25.498min (-0.224) 52.70ng/ul

response 15928938

Ion	Exp%	Act%
278.00	100	100
139.00	15.80	14.31
279.00	24.30	26.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

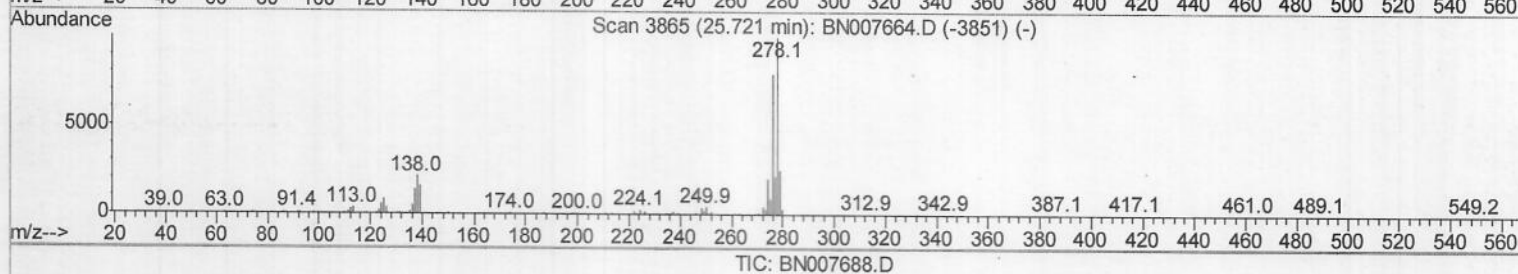
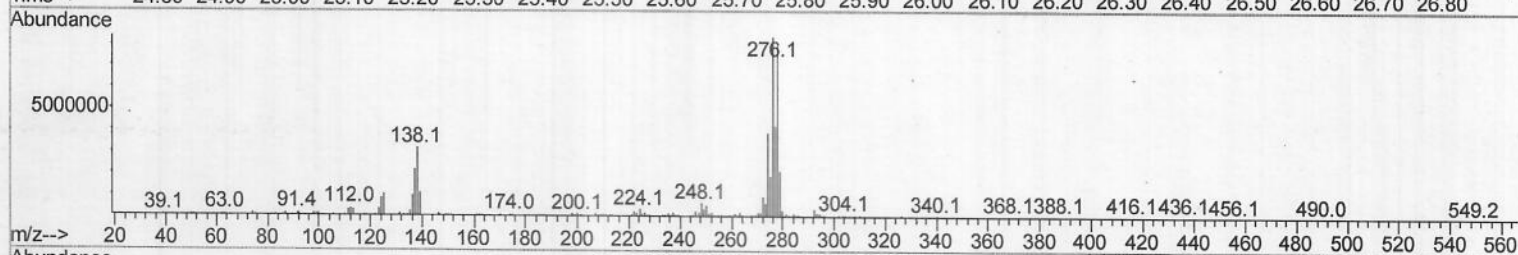
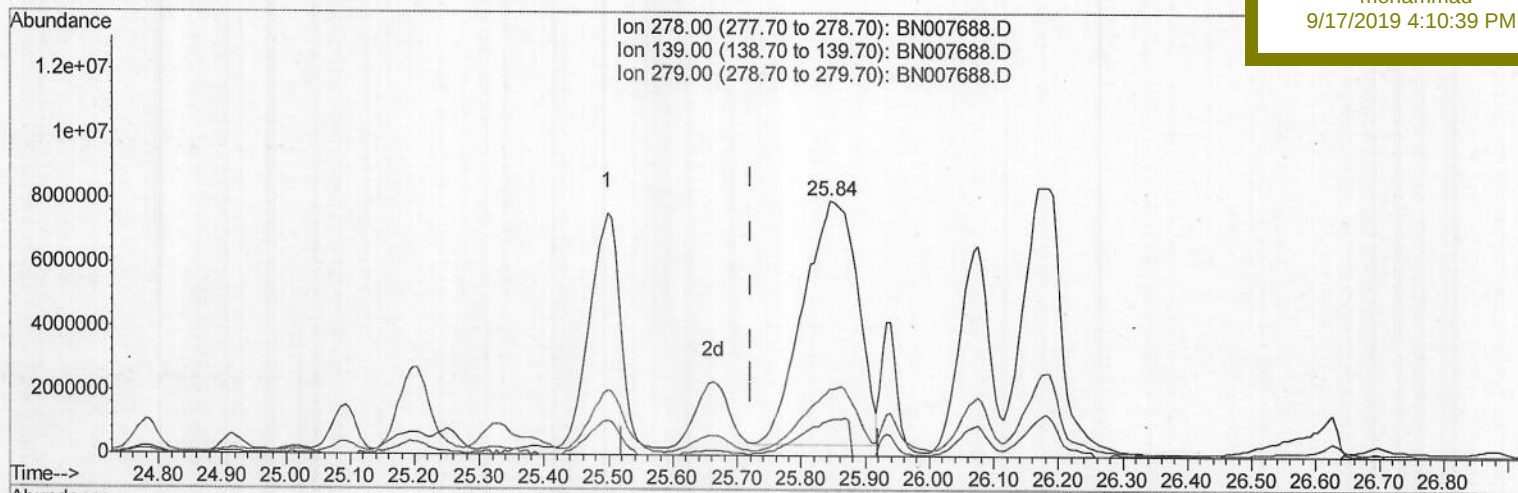
F2D07

Manual Integrations

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(92) Dibenzo(a,h)anthracene

25.845min (+0.123) 148.22ng/ul m

response 44802891

Ion	Exp%	Act%
278.00	100	100
139.00	15.80	13.91
279.00	24.30	26.41
0.00	0.00	0.00

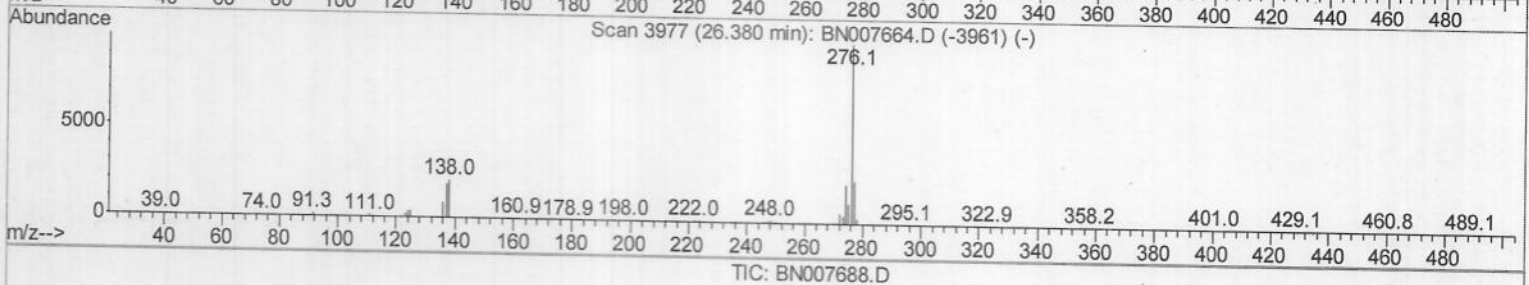
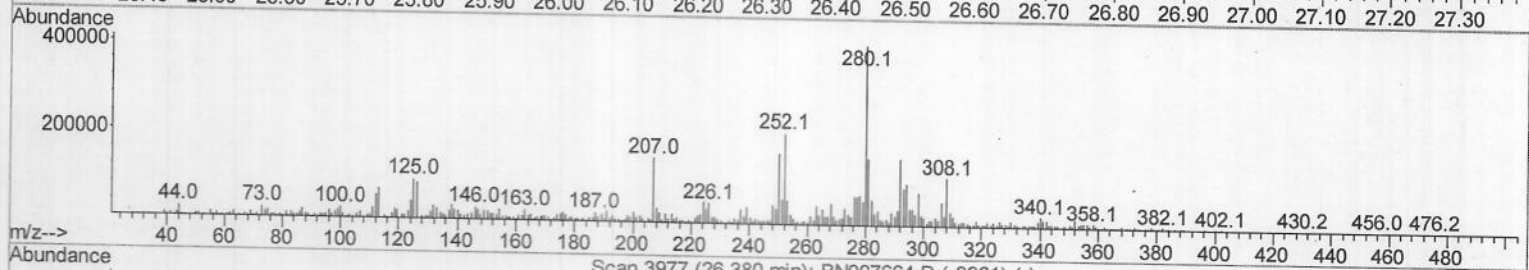
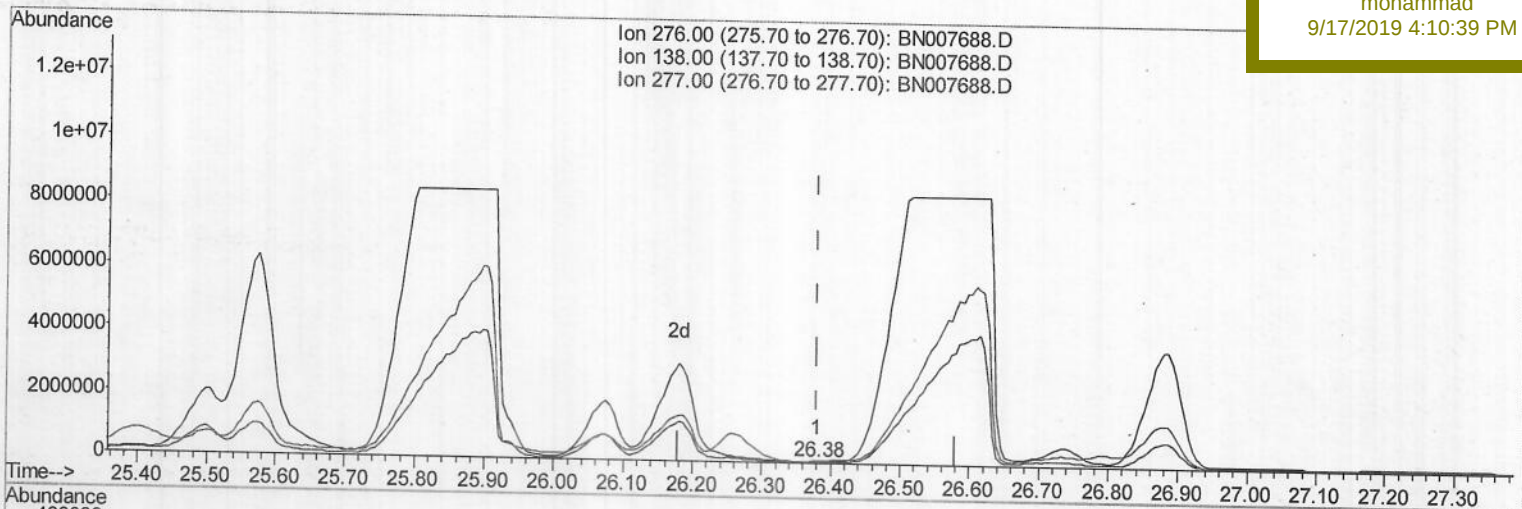
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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(93) Benzo(g,h,i)perylene
26.380min (-0.000) 0.04ng/ul
response 12314

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	50.99#
277.00	23.40	102.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 08:35:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

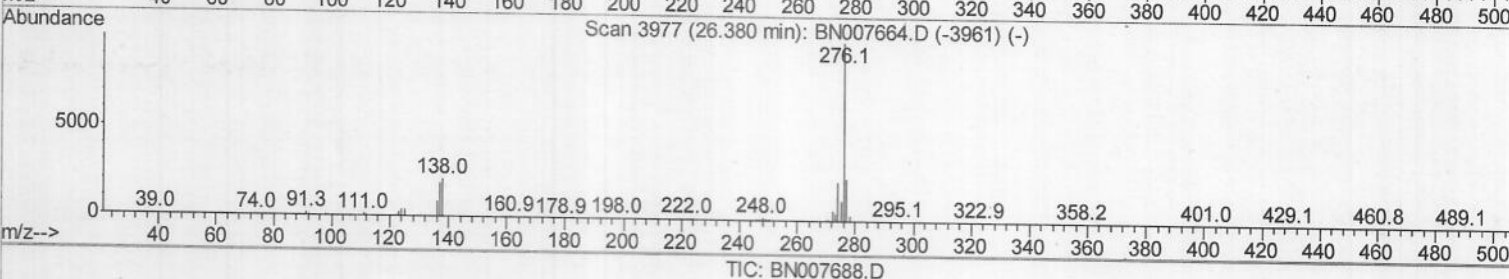
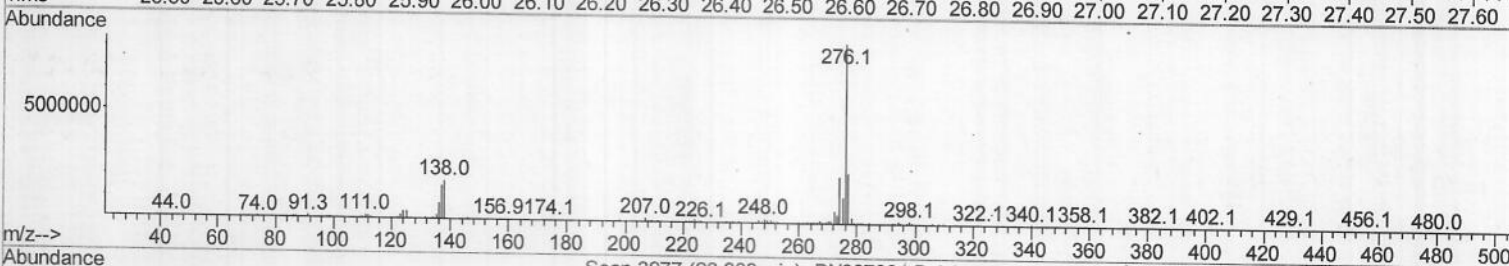
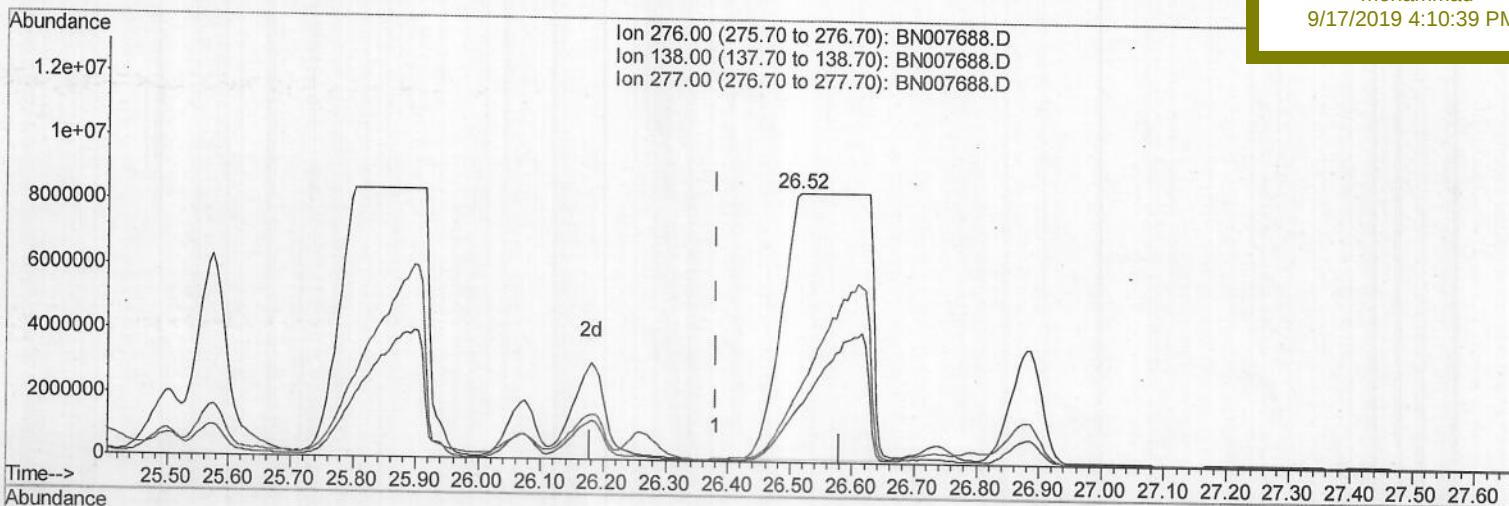
F2D07

Manual Integrations

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

26.515min (+0.135) 262.90ng/ul m > JU 09/28/19

response 78106711

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	21.39
277.00	23.40	28.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
 Data File : BN007688.D
 Acq On : 17 Sep 2019 05:26
 Operator : HP/JU
 Sample : K4633-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 F2D07

Quant Time: Sep 17 14:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	701578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2946435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1934208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	4113161	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	3335199	20.00	ng/ul	0.03
85) Perylene-d12	23.56	264	4933532m	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	69553	3.77	ng/uL	0.00
5) Phenol-d5	6.88	99	1853926	27.75	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.05	67	951989	25.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1397338	29.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1305044	25.63	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	686080	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	728565	35.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1546867	32.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1649753	26.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4887878	31.76	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	5735296	32.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	691290	25.25	ng/ul	0.00
57) Fluorene-d10	15.33	176	4331411	32.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	134824	6.07	ng/ul	0.00
70) Anthracene-d10	17.18	188	6619030	32.33	ng/ul	0.01
78) Pyrene-d10	19.48	212	7428075	41.35	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.44	264	7668923	29.88	ng/ul	0.09

Target Compounds

					Qvalue
6) Phenol	6.90	94	309280	4.261	ng/ul 98
28) Naphthalene	10.52	128	915334	5.509	ng/ul 99
34) 2-Methylnaphthalene	12.14	142	230840	1.924	ng/ul 99
44) Dimethylphthalate	13.79	163	1832456	11.680	ng/ul 100
47) Acenaphthylene	14.05	152	291047	1.564	ng/ul 100
49) Acenaphthene	14.40	153	3450821	26.420	ng/ul 99
53) Dibenzofuran	14.73	168	1078973	5.695	ng/ul 98
58) Fluorene	15.38	166	1593492	10.452	ng/ul 99
69) Phenanthrene	17.12	178	19235714m	78.861	ng/ul
71) Anthracene	17.21	178	9076787	37.178	ng/ul 99
74) Carbazole	17.47	167	6655262	32.230	ng/ul 98
76) Fluoranthene	19.13	202	27013851m	100.960	ng/ul
79) Pyrene	19.50	202	27929411m	125.761	ng/ul
82) Benzo(a)anthracene	21.26	228	25057657m	105.438	ng/ul
84) Chrysene	21.29	228	38868145m	175.784	ng/ul
87) Benzo(b)fluoranthene	22.85	252	53041018m	166.246	ng/ul
88) Benzo(k)fluoranthene	22.94	252	17110749m	55.187	ng/ul
90) Benzo(a)pyrene	23.46	252	38538697m	124.940	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.80	276	75485391m	208.291	ng/ul
92) Dibenzo(a,h)anthracene	25.84	278	44802891m	148.217	ng/ul
93) Benzo(g,h,i)perylene	26.52	276	78106711m	262.900	ng/ul

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 14:49:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091619\

Data File : BN007688.D

Acq On : 17 Sep 2019 05:26

Operator : HP/JU

Sample : K4633-09

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 17 14:49:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

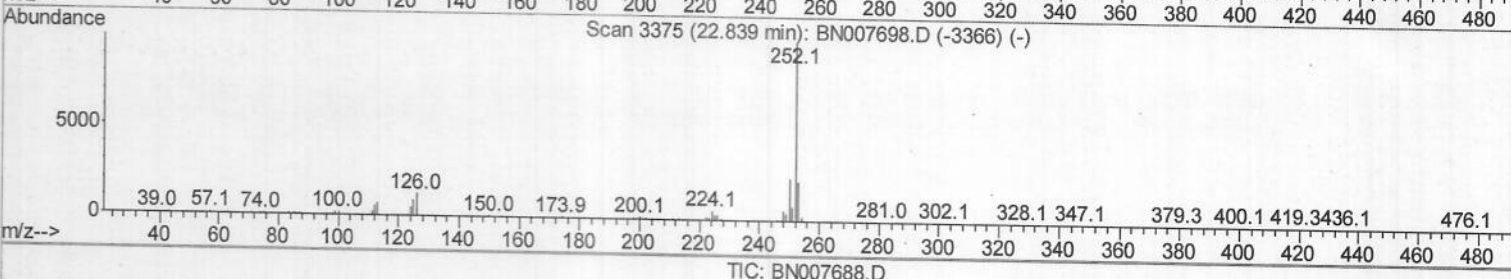
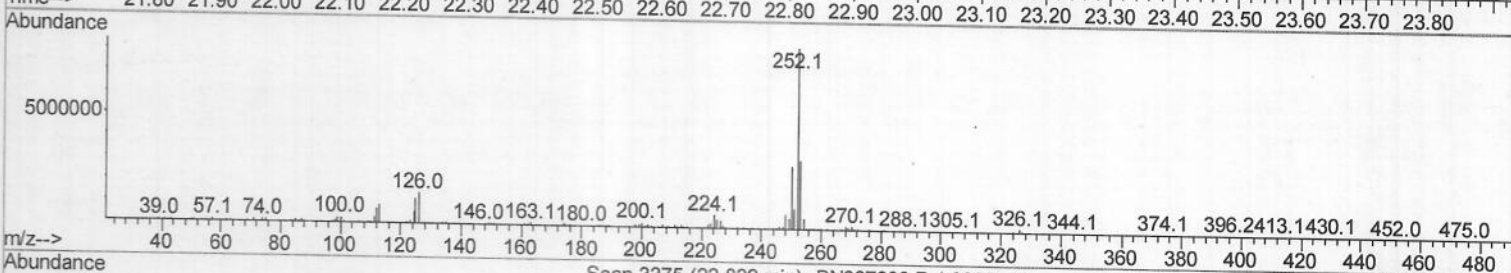
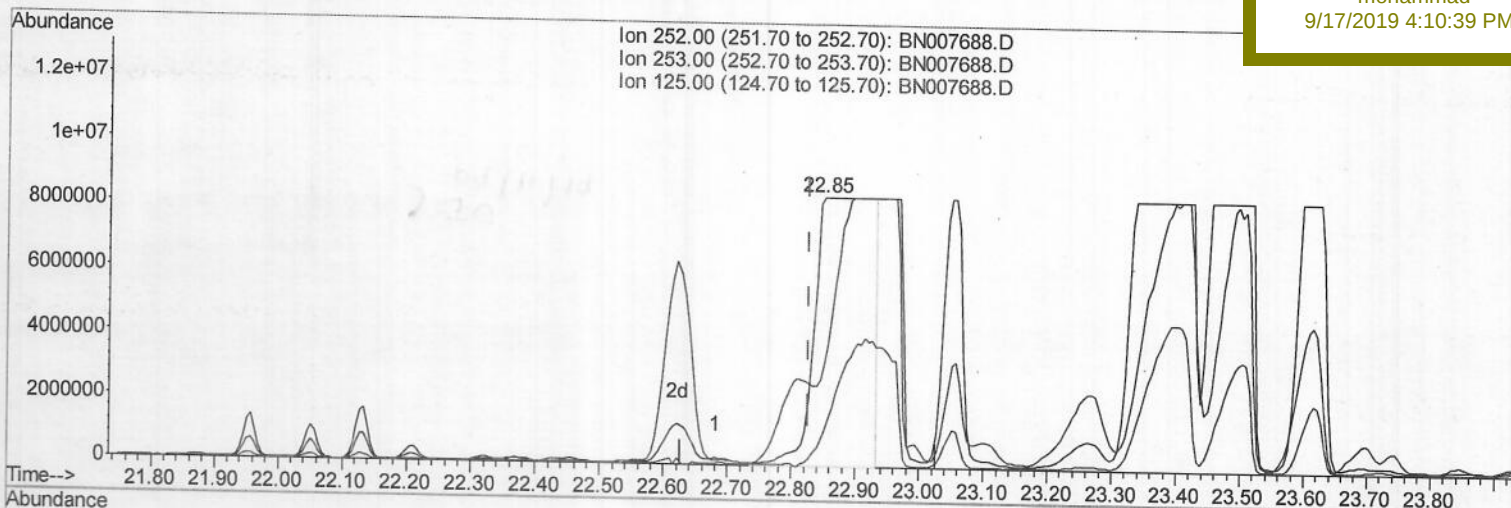
F2D07

Manual Integrations

APPROVED

mohammad

9/17/2019 4:10:39 PM



(87) Benzo(b)fluoranthene

22.851min (+0.023) 166.25ng/ul m

response 53041018

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	38.72#
125.00	10.00	13.54#
0.00	0.00	0.00

JU
09/18/19