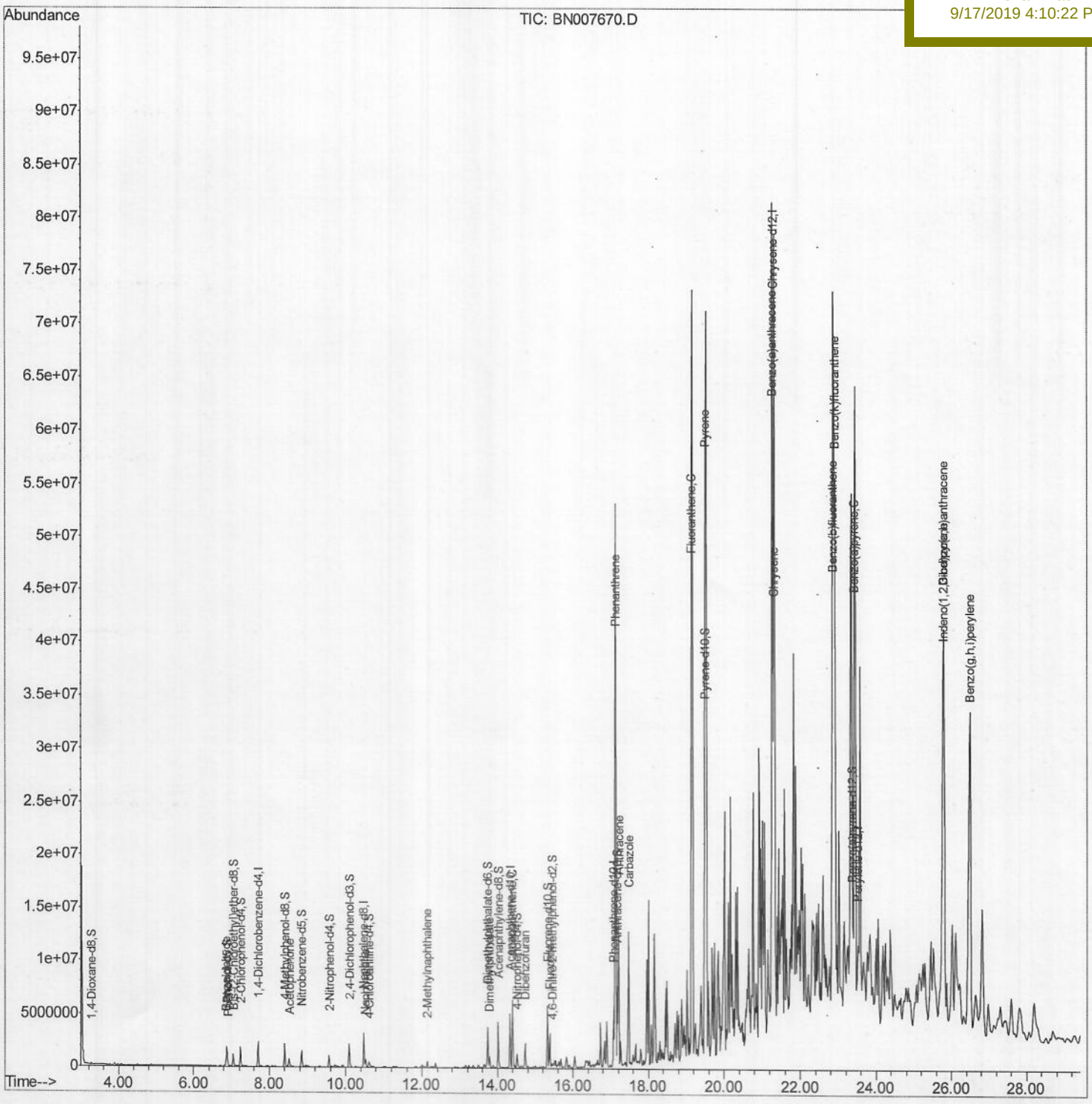
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 13:37:49 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



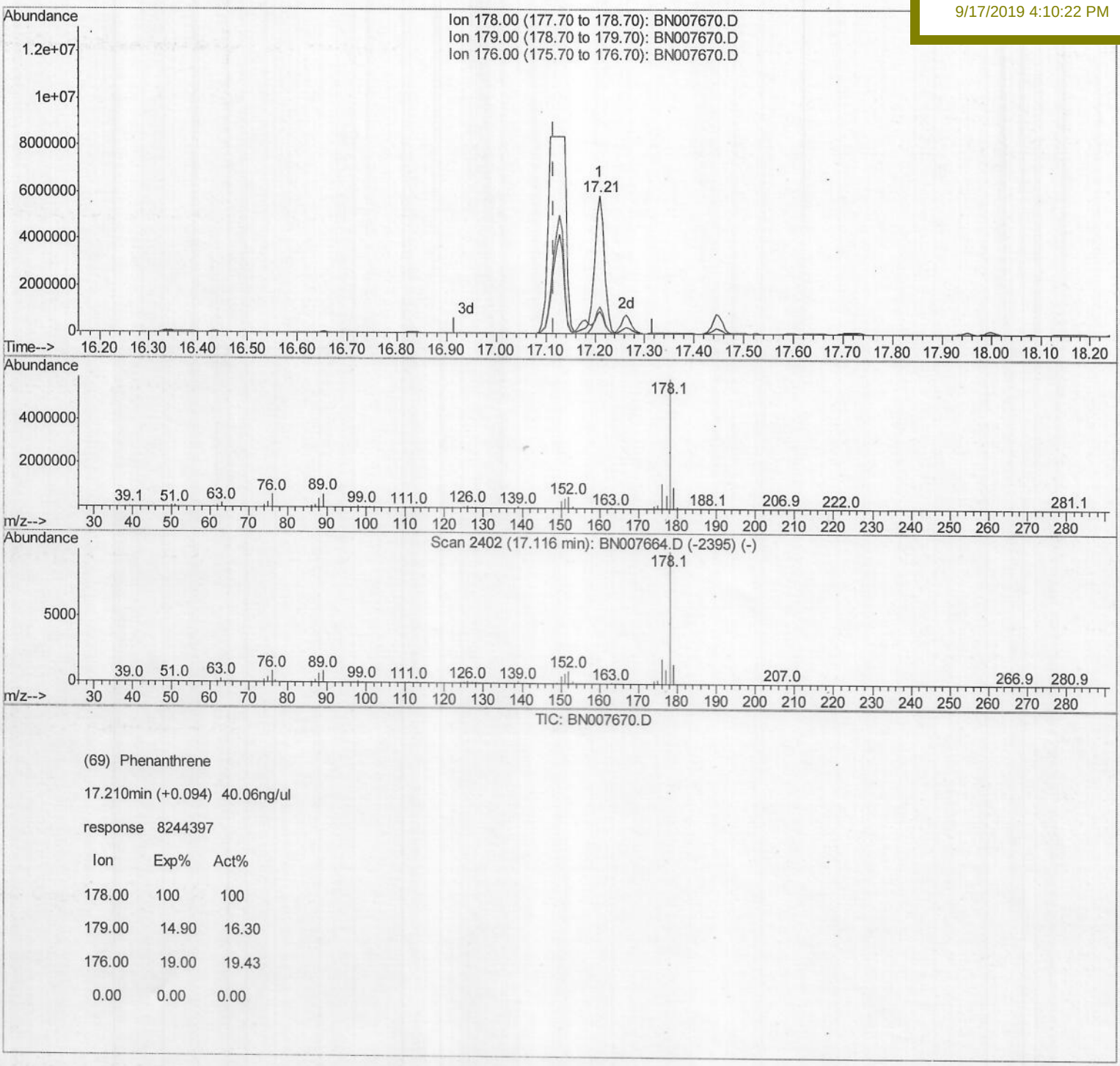
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



(69) Phenanthrene

17.210min (+0.094) 40.06ng/ul

response 8244397

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	16.30
176.00	19.00	19.43
0.00	0.00	0.00

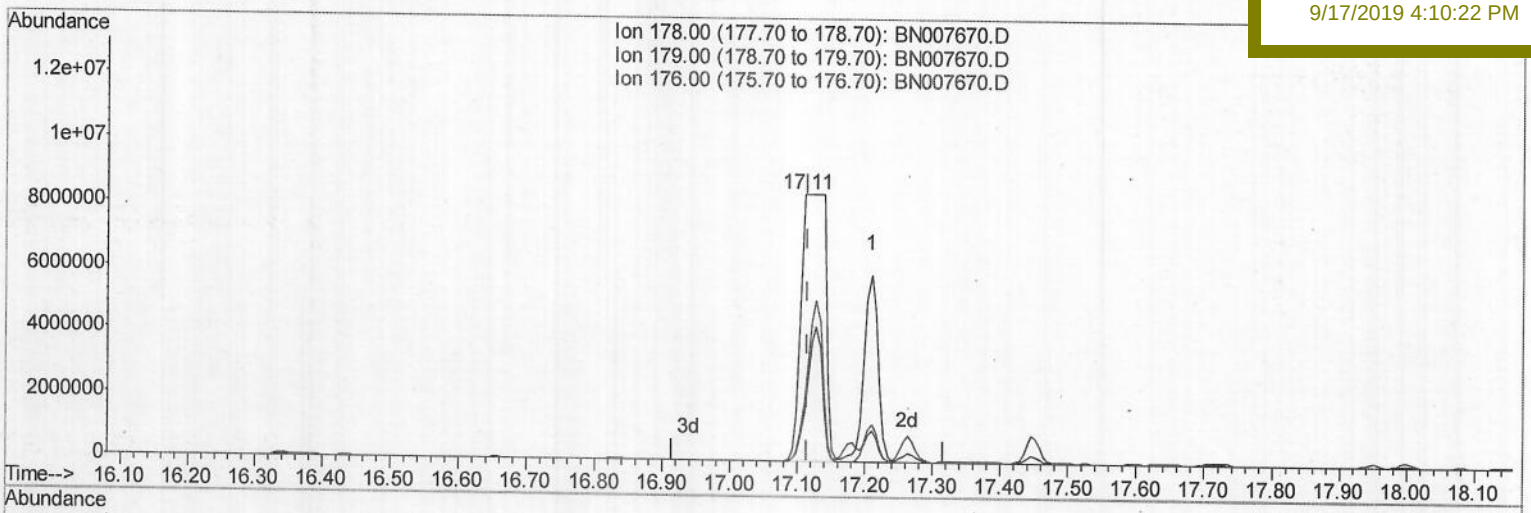
Quantitation Report (Qedit)

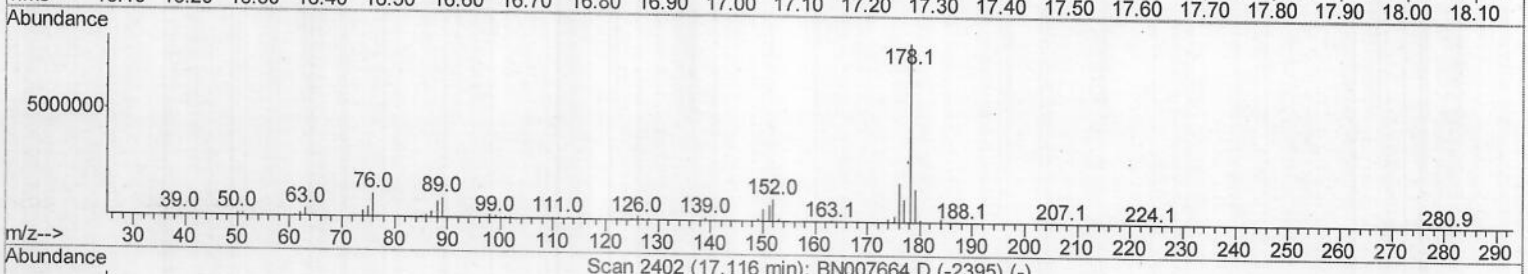
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

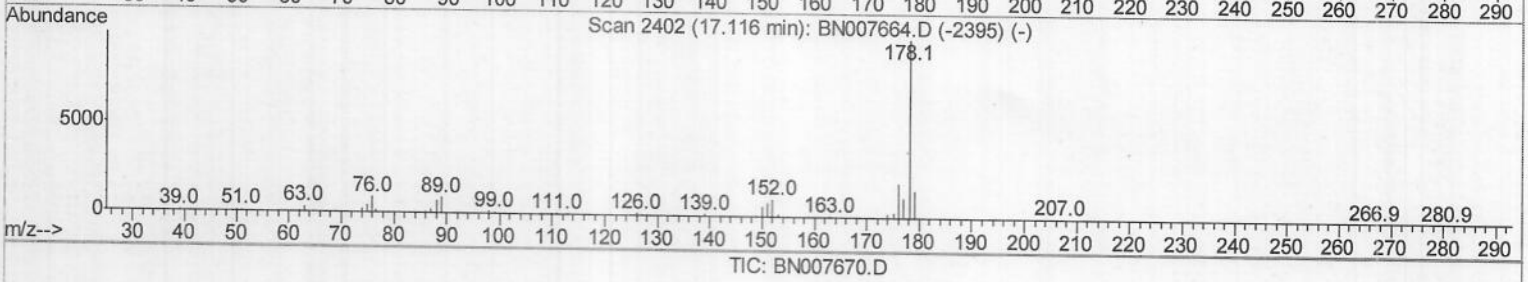
Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(69) Phenanthrene

17.110min (-0.006) 101.77ng/ul m > JU 09/18/19

response 20942393

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	18.26#
176.00	19.00	22.02
0.00	0.00	0.00

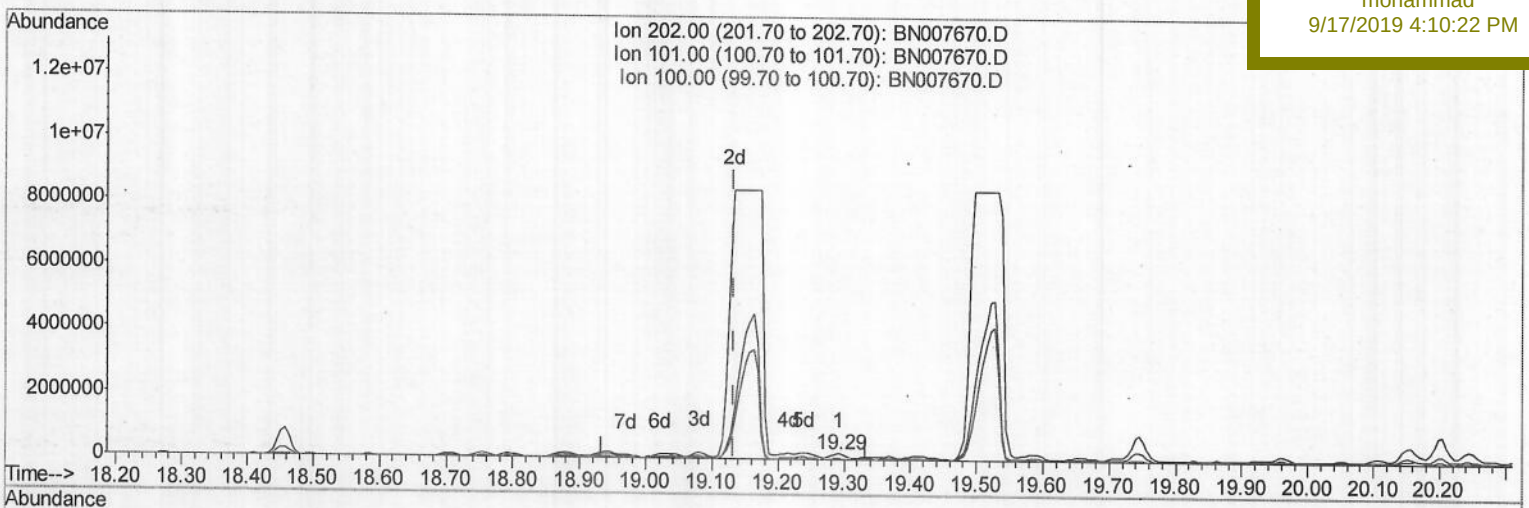
Quantitation Report (Qedit)

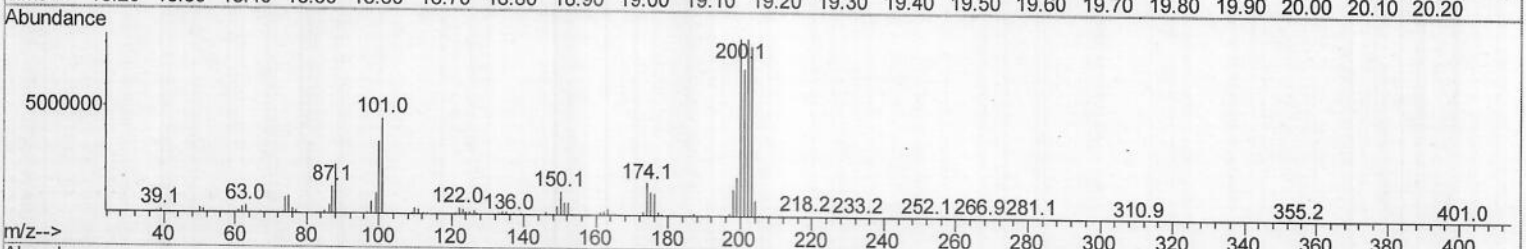
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

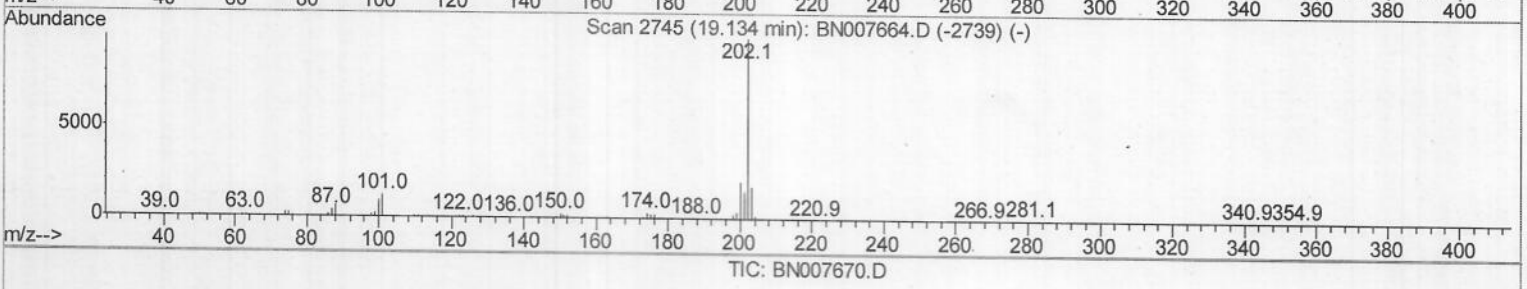
Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(76) Fluoranthene (C)

19.292min (+0.159) 0.76ng/ul

response 170845

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	13.37
100.00	8.90	9.28
0.00	0.00	0.00

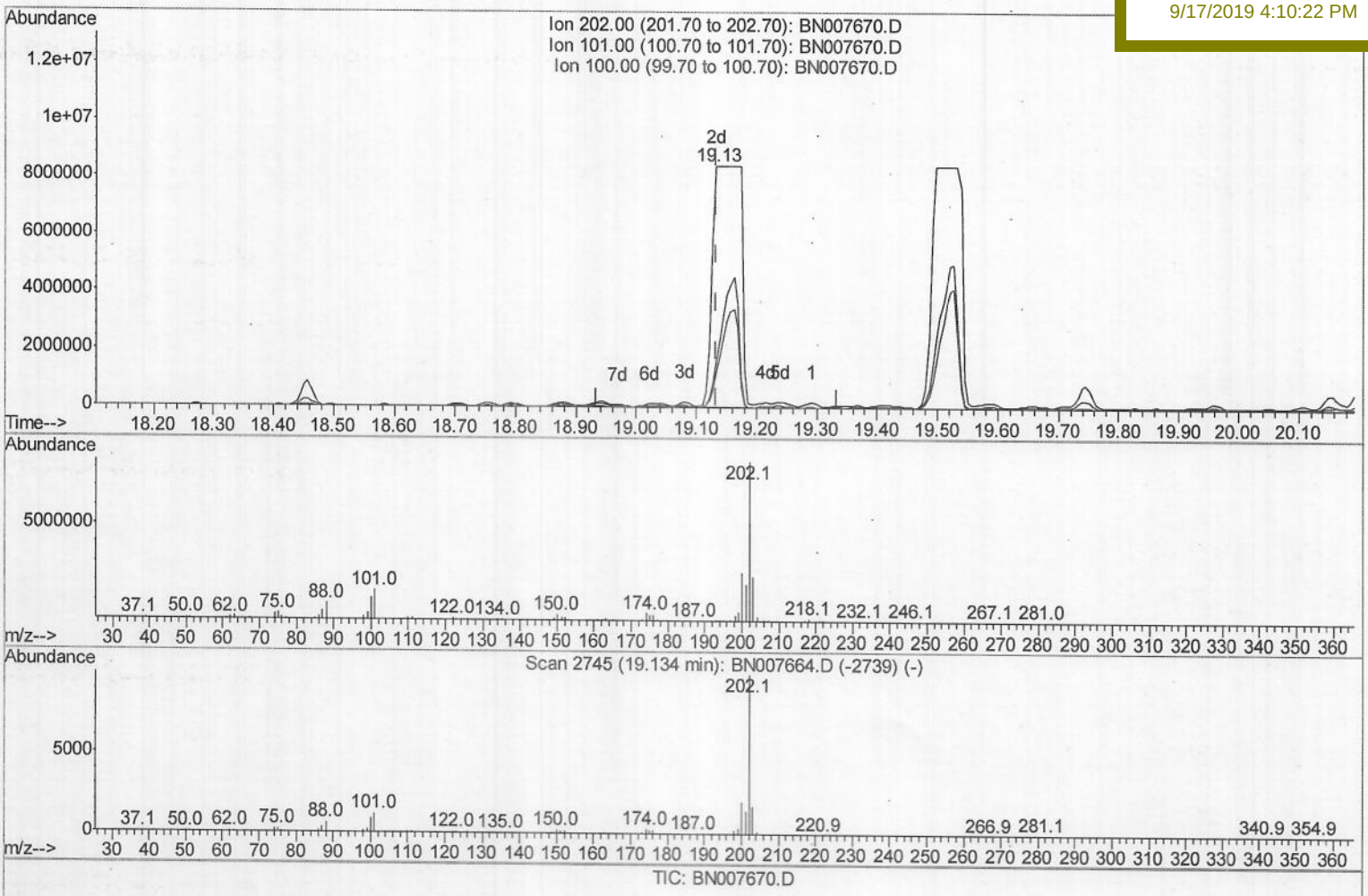
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



(76) Fluoranthene (C)

19.133min (-0.000) 120.20ng/ul m > JU 09/18/19

response 27134105

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	18.32#
100.00	8.90	13.92#
0.00	0.00	0.00

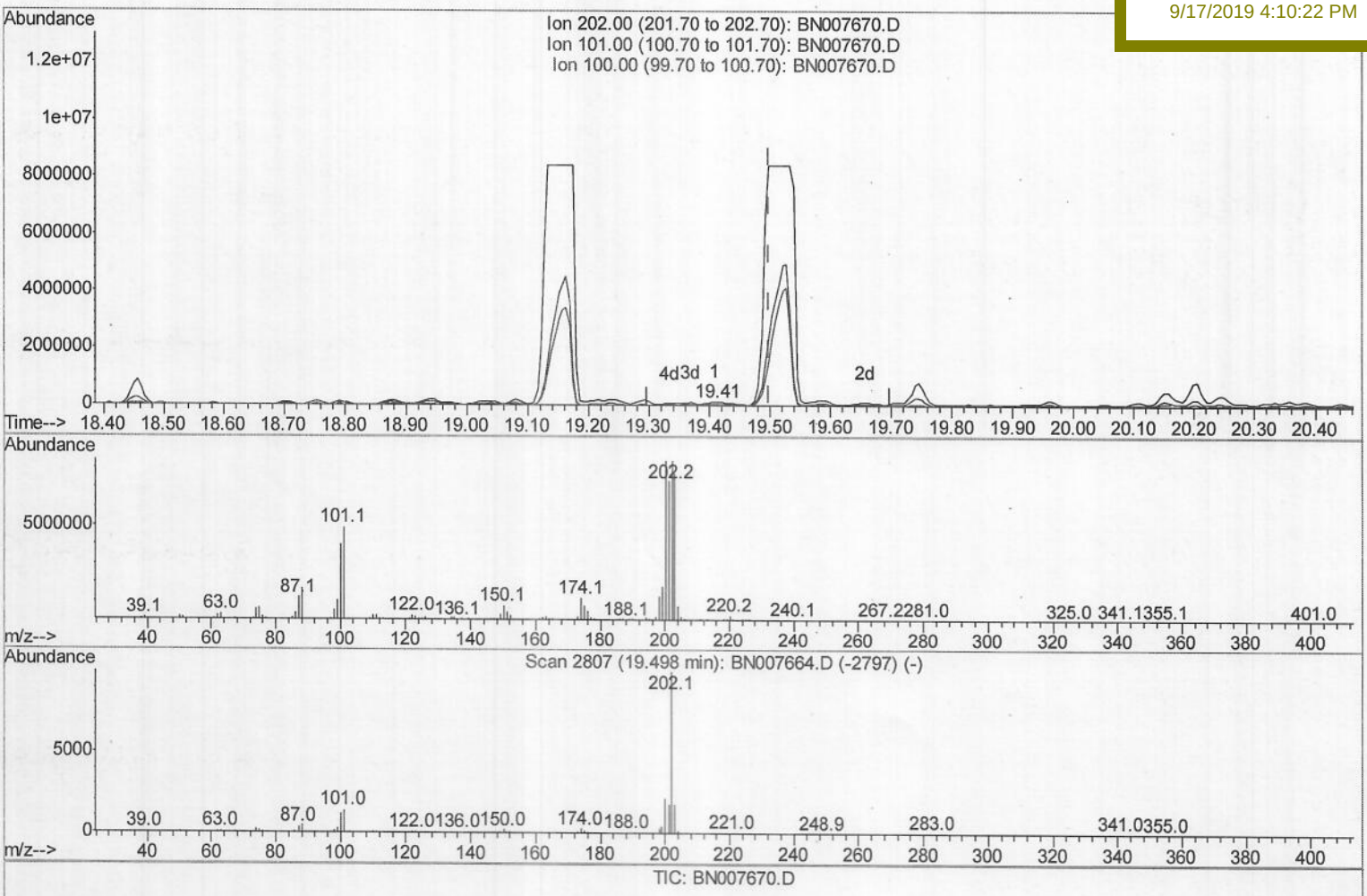
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

(79) Pyrene

19.410min (-0.088) 1.25ng/ul

response 260994

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	23.27#
100.00	11.70	10.92
0.00	0.00	0.00

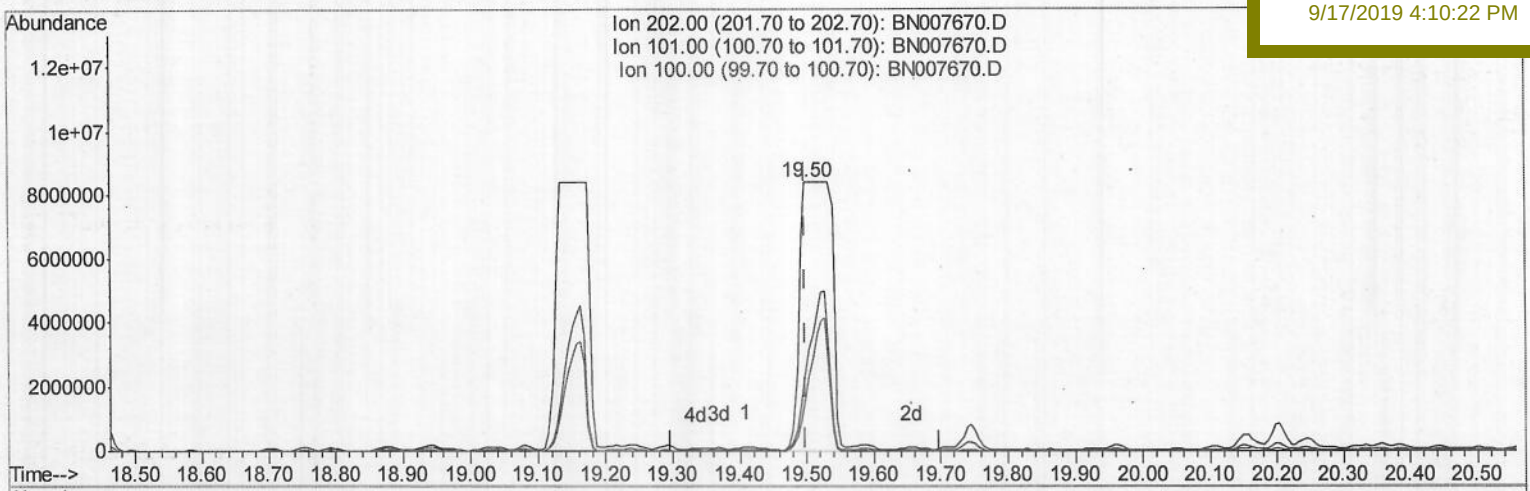
Quantitation Report (Qedit)

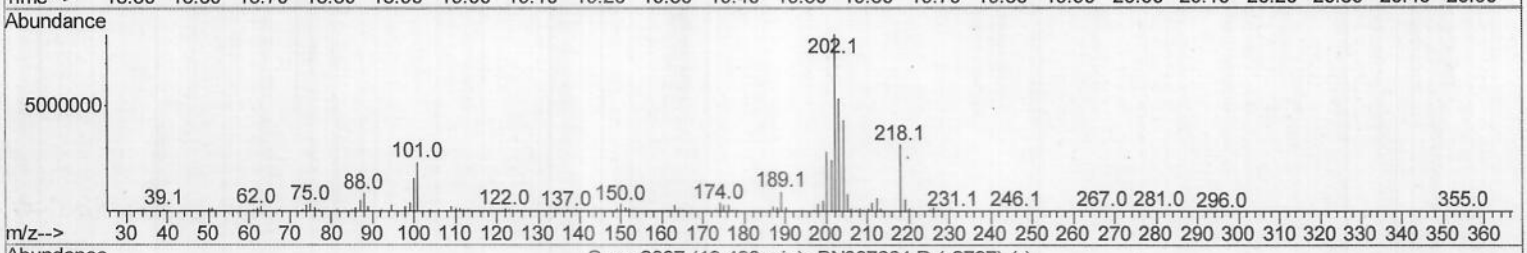
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

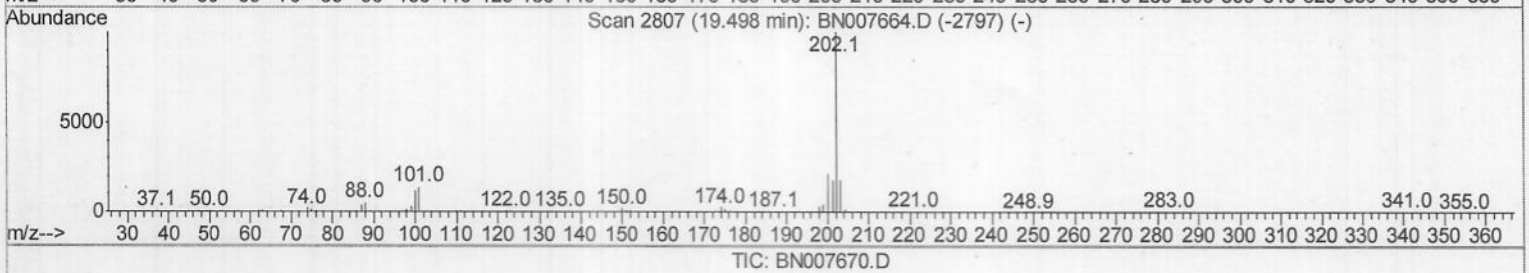
Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(79) Pyrene

19.498min (-0.000) 129.97ng/ul m > JU 09/18/19

response 27230955

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	27.66#
100.00	11.70	18.18#
0.00	0.00	0.00

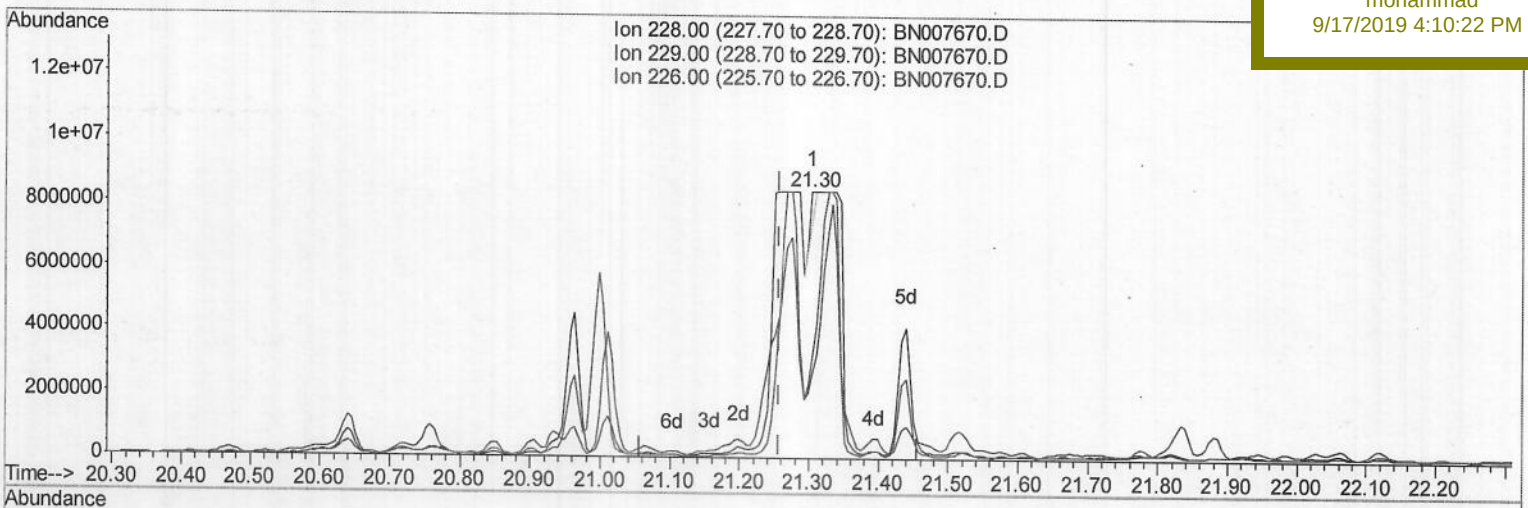
Quantitation Report (Qedit)

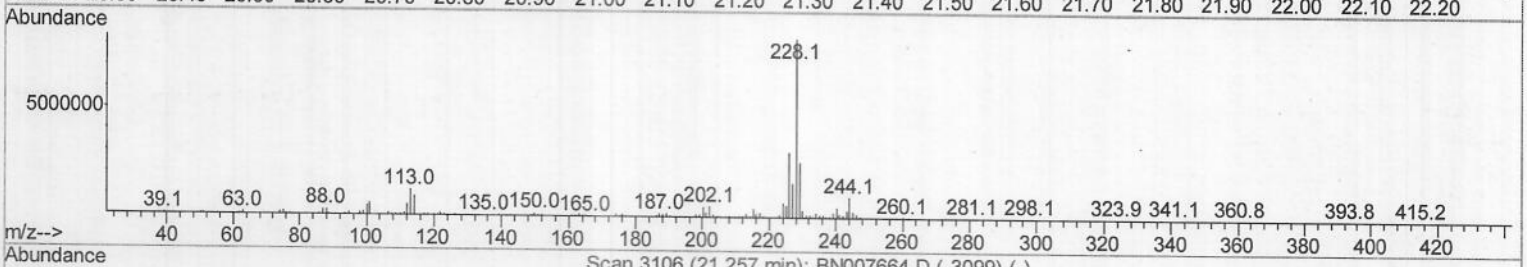
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

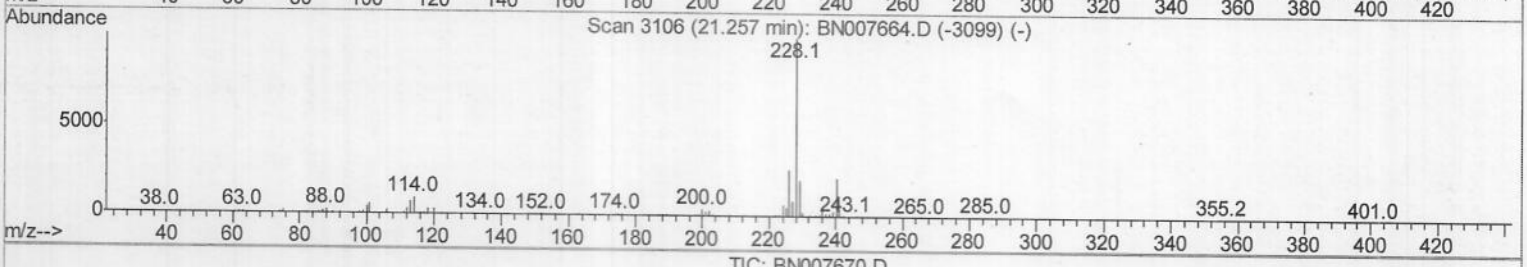
Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







(82) Benzo(a)anthracene

21.304min (+0.047) 3.61ng/ul

response 808884

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	30.95#
226.00	26.10	36.44#
0.00	0.00	0.00

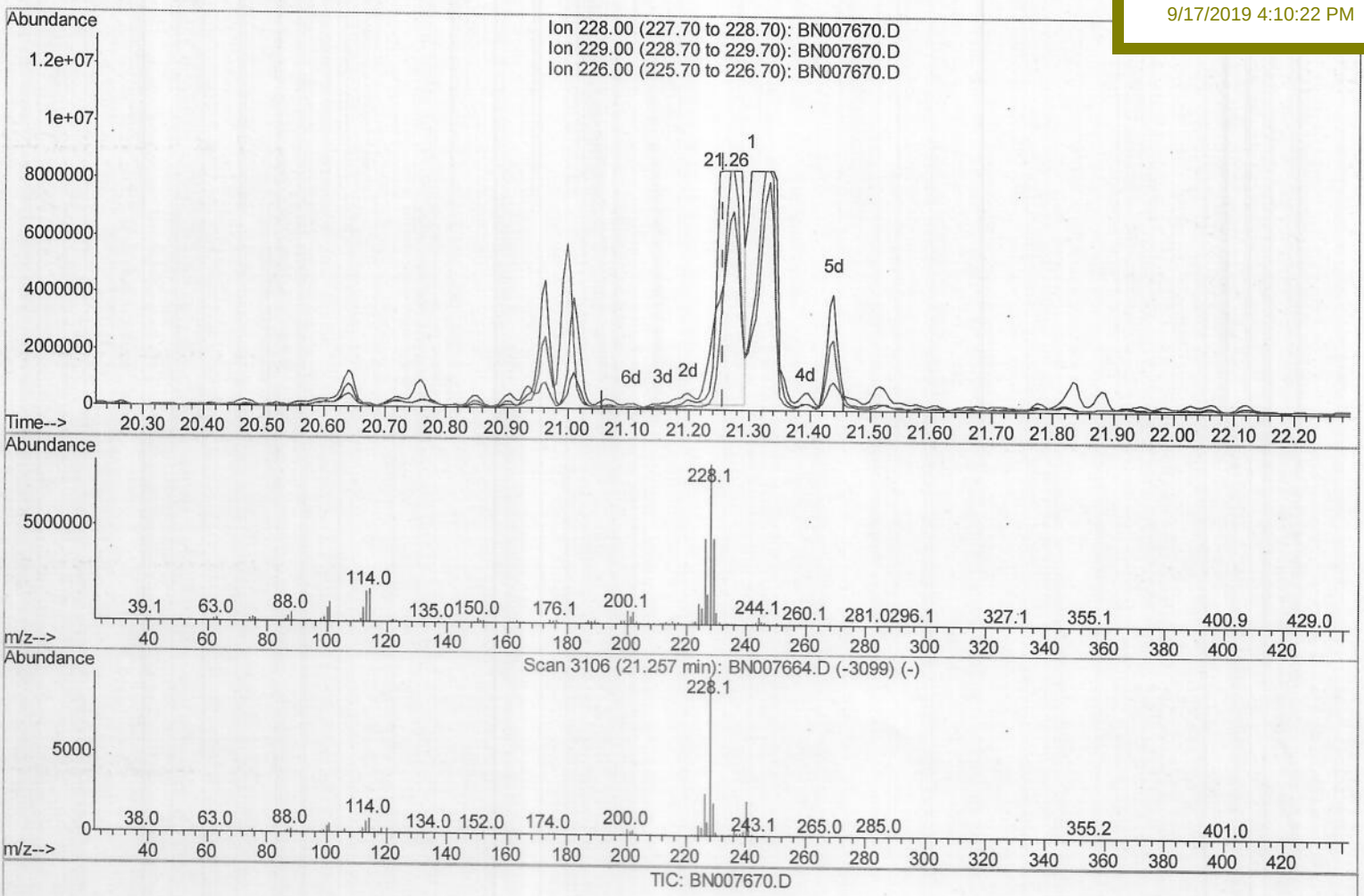
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



(82) Benzo(a)anthracene

21.257min (-0.000) 108.00ng/ul m > JU 09|18|19

response 24213833

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	53.34#
226.00	26.10	53.51#
0.00	0.00	0.00

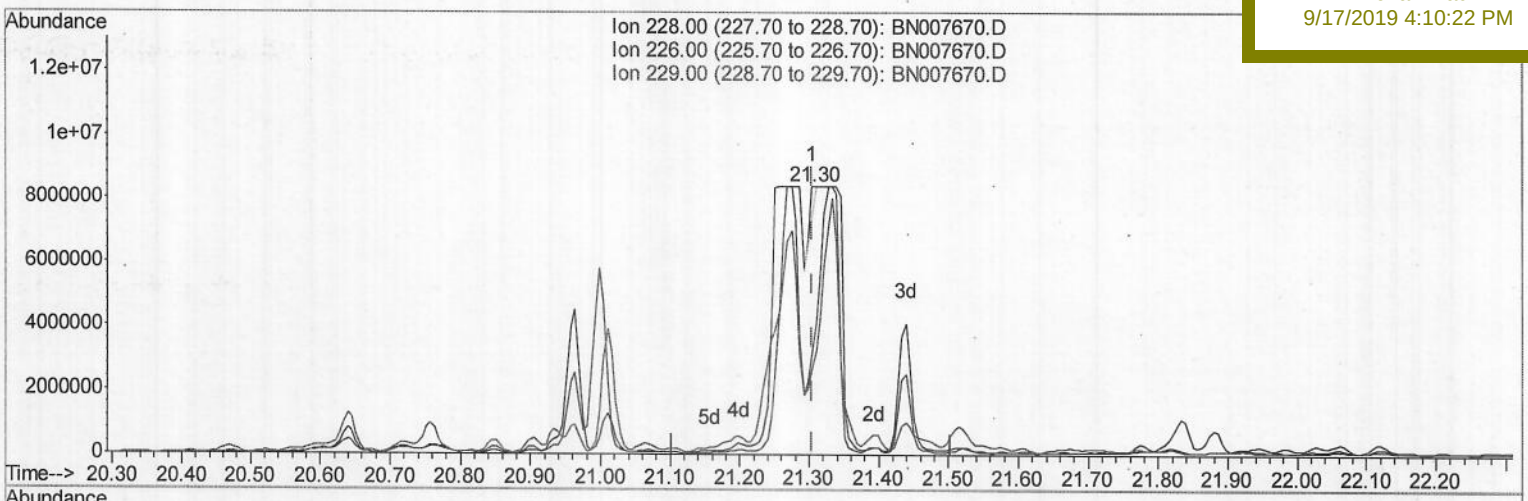
Quantitation Report (Qedit)

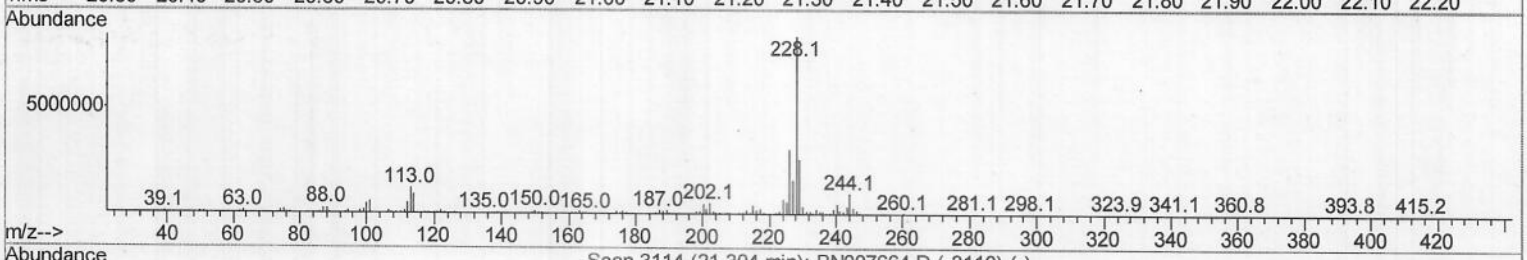
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

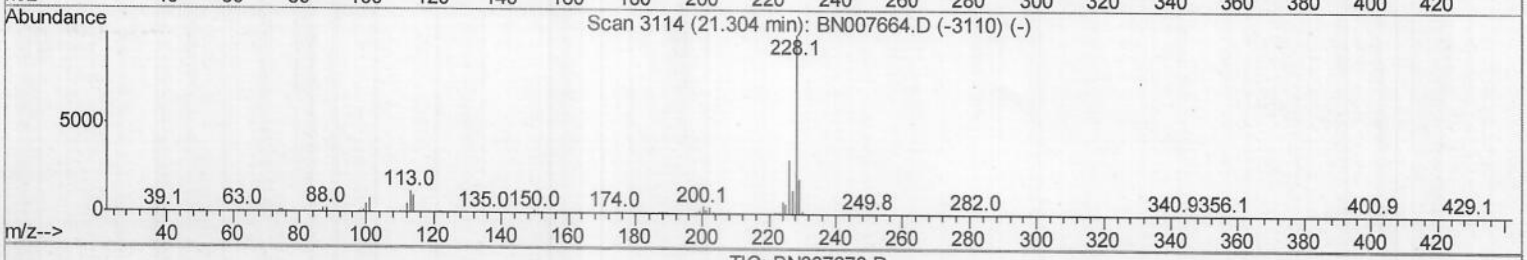
Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(84) Chrysene

21.304min (-0.000) 3.88ng/ul

response 808884

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	36.44#
229.00	19.40	30.95#
0.00	0.00	0.00

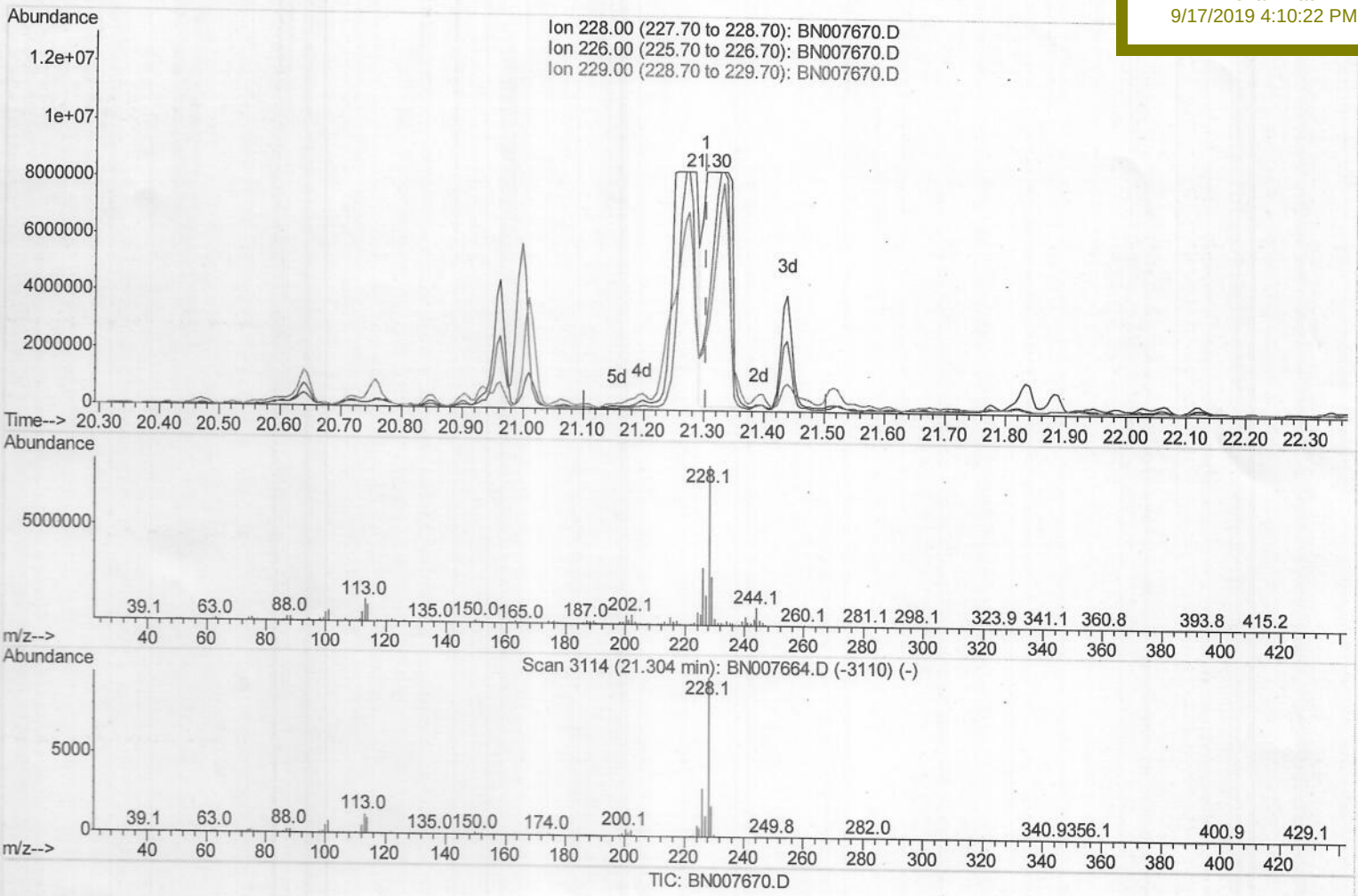
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

(84) Chrysene

21.304min (-0.000) 124.64ng/ul m JM 09/18/19

response 25999894

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	36.44#
229.00	19.40	30.95#
0.00	0.00	0.00

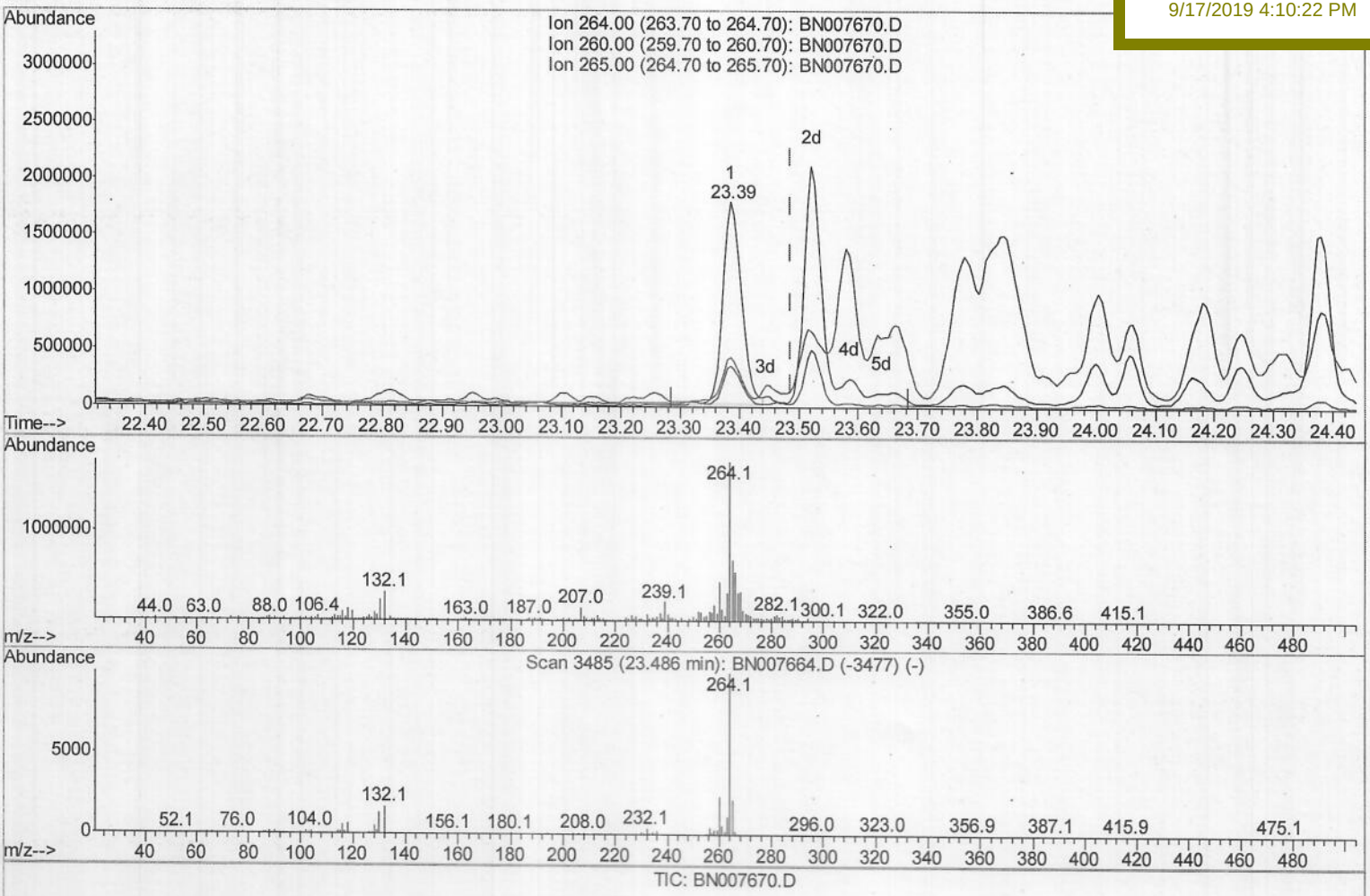
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

(85) Perylene-d12 (I)

23.386min (-0.100) 20.00ng/ul

response 3881580

Ion	Exp%	Act%
264.00	100	100
260.00	23.40	19.71
265.00	21.60	24.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
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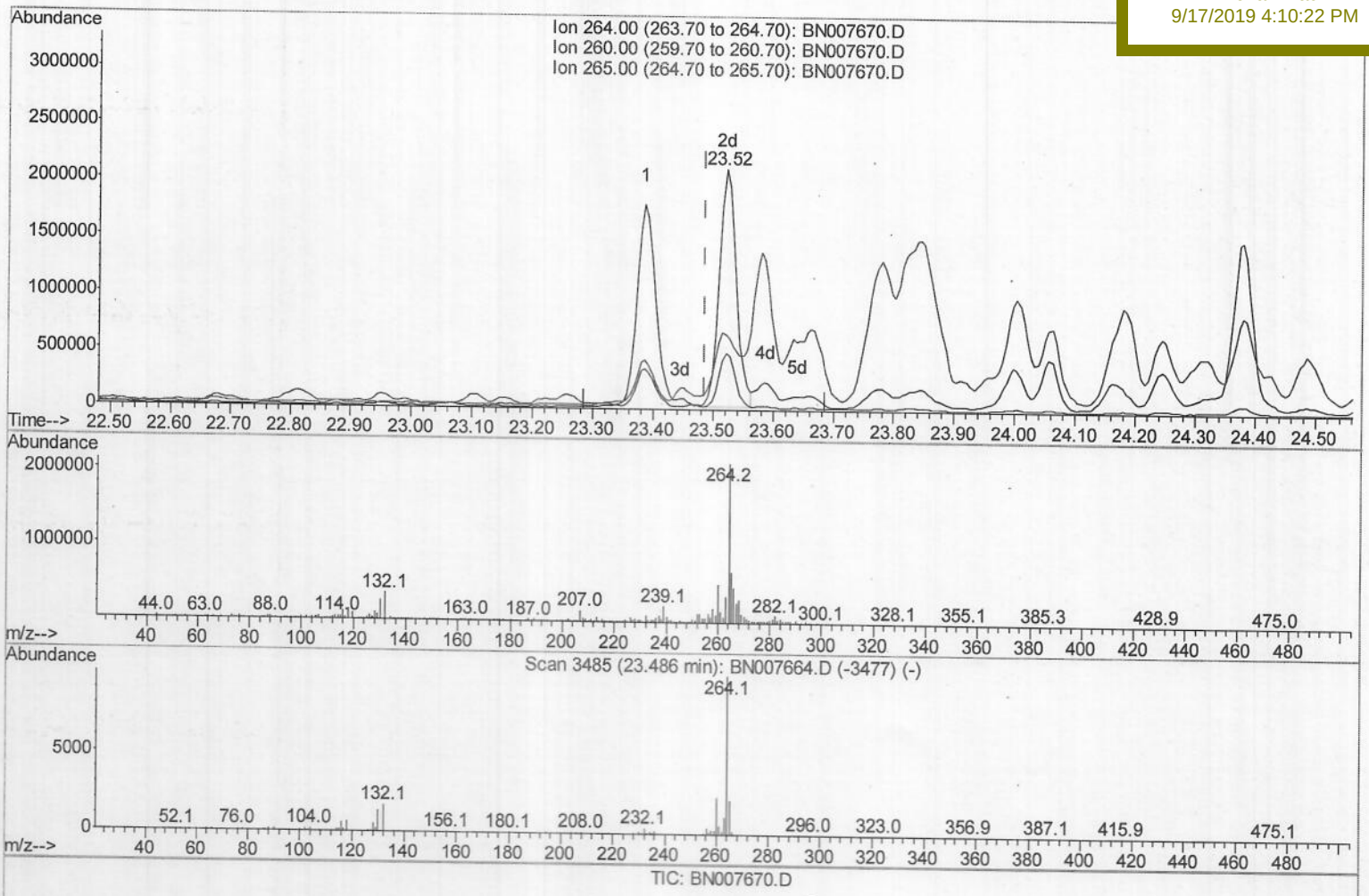
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

(85) Perylene-d12 (I)

23.521min (+0.035) 20.00ng/ul m > JU 09/18/19

response 4098384

Ion	Exp%	Act%
264.00	100	100
260.00	23.40	23.86
265.00	21.60	31.49#
0.00	0.00	0.00

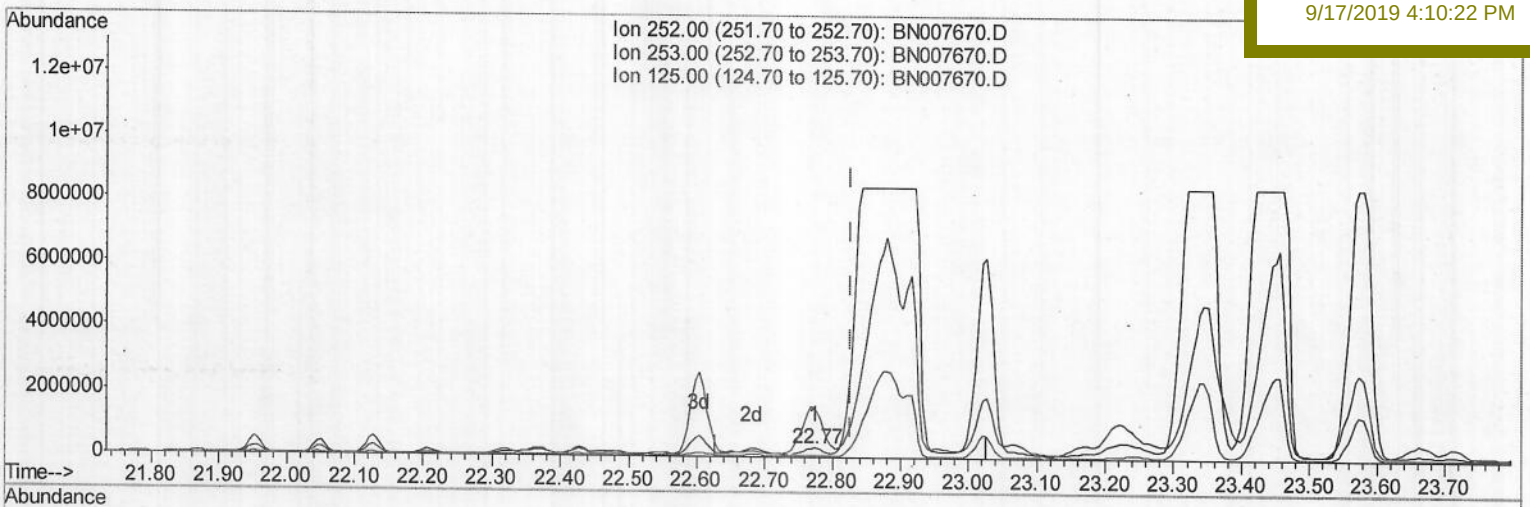
Quantitation Report (Qedit)

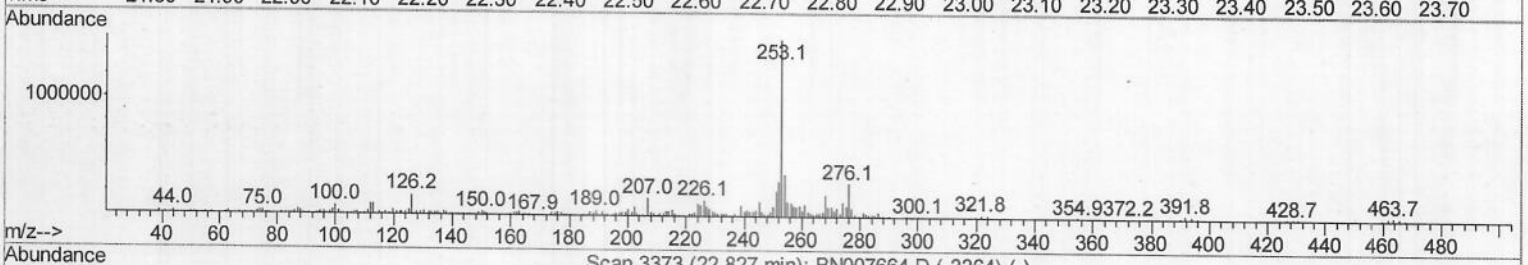
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

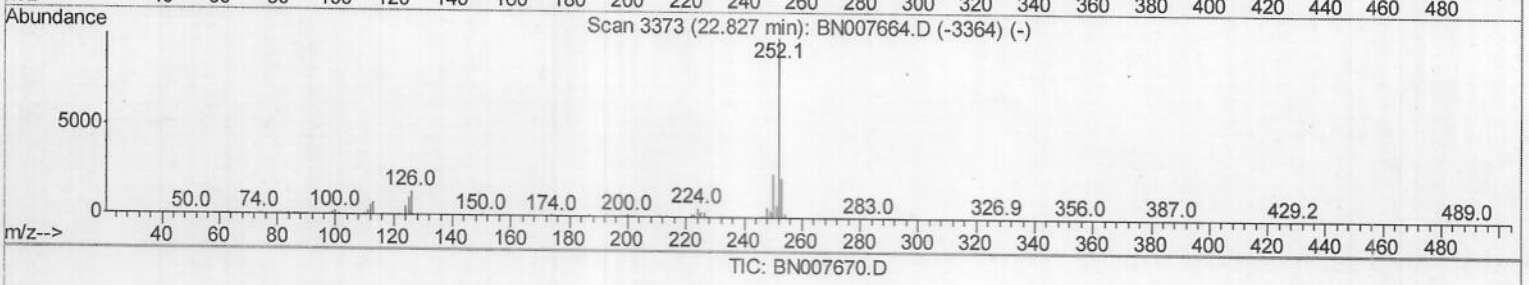
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







(87) Benzo(b)fluoranthene

22.774min (-0.053) 1.55ng/ul

response 410015

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	507.44#
125.00	10.00	15.73#
0.00	0.00	0.00

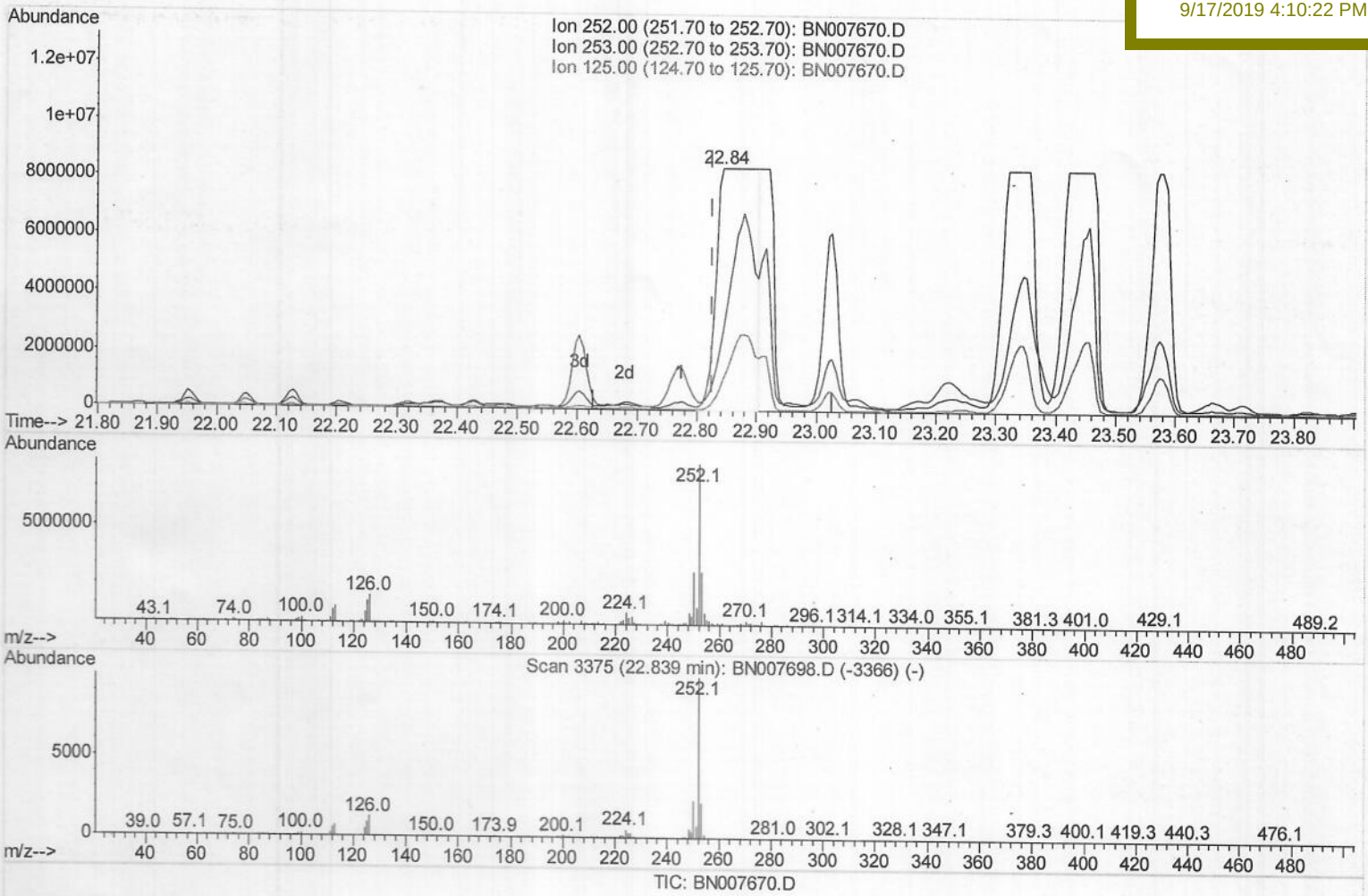
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 13:37:49 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



Scan 3375 (22.839 min): BN007698.D (-3366) (-)

TIC: BN007670.D

(87) Benzo(b)fluoranthene

22.845min (+0.017) 147.10ng/ul m JU 09/18/19

response 38987926

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	33.18#
125.00	10.00	13.54#
0.00	0.00	0.00

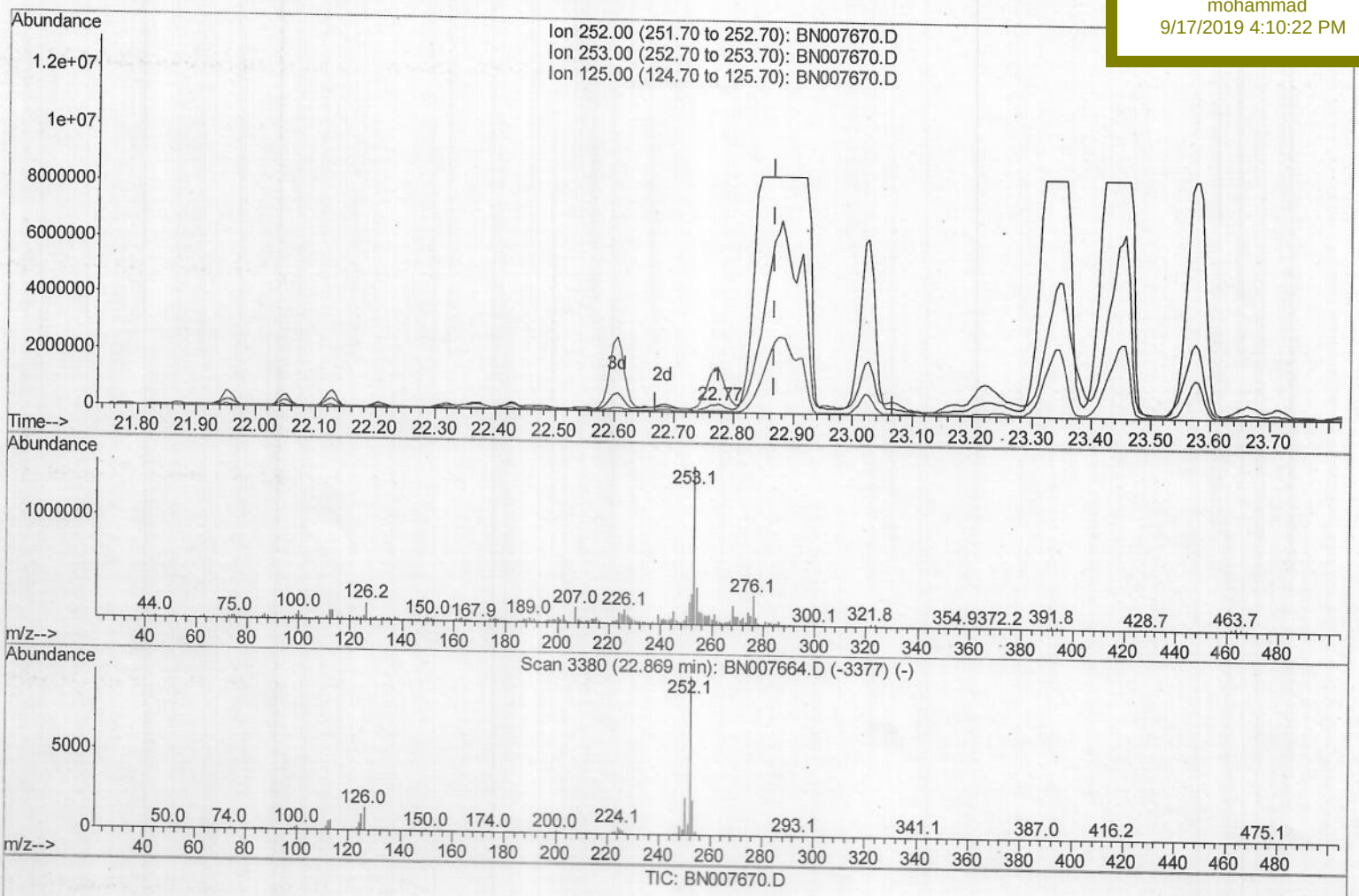
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:49:13 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



(88) Benzo(k)fluoranthene

22.774min (-0.094) 1.59ng/ul

response 410015

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	507.44#
125.00	10.30	15.73#
0.00	0.00	0.00

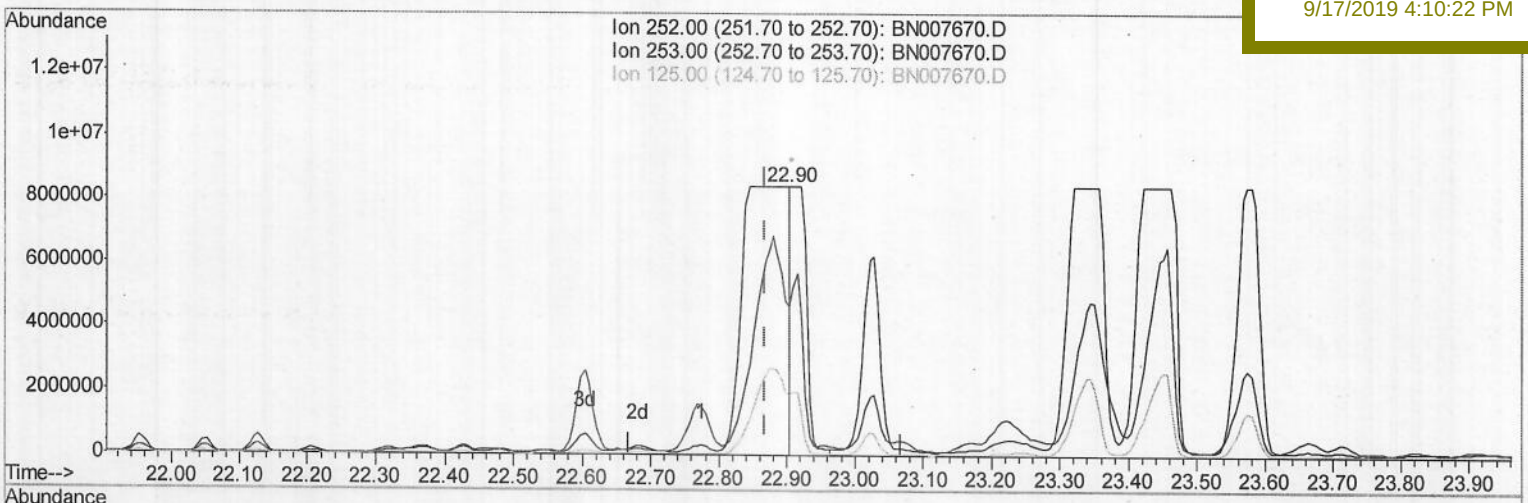
Quantitation Report (Qedit)

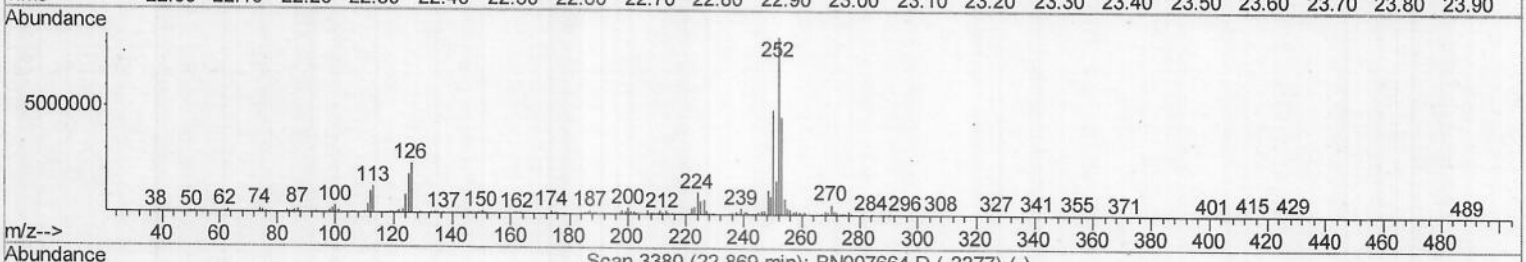
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

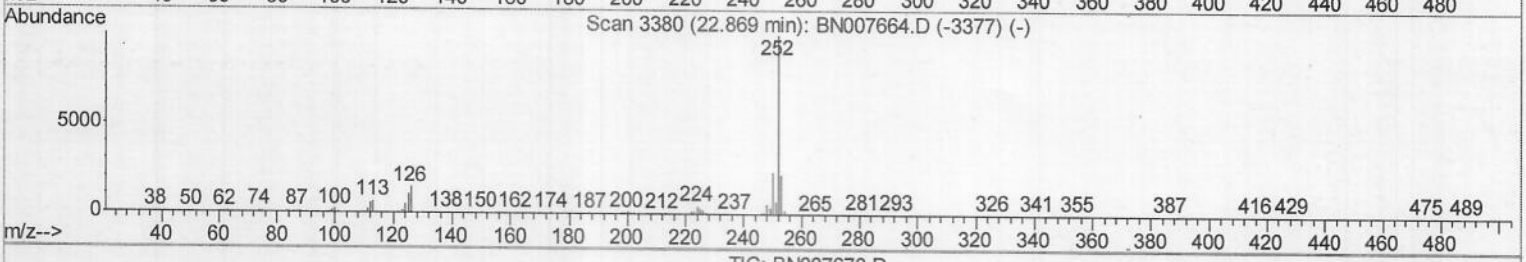
Quant Time: Sep 17 02:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(88) Benzo(k)fluoranthene

22.904min (+0.035) 47.89ng/ul m JU 09/28/19

response 12334606

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	54.95#
125.00	10.30	22.07#
0.00	0.00	0.00

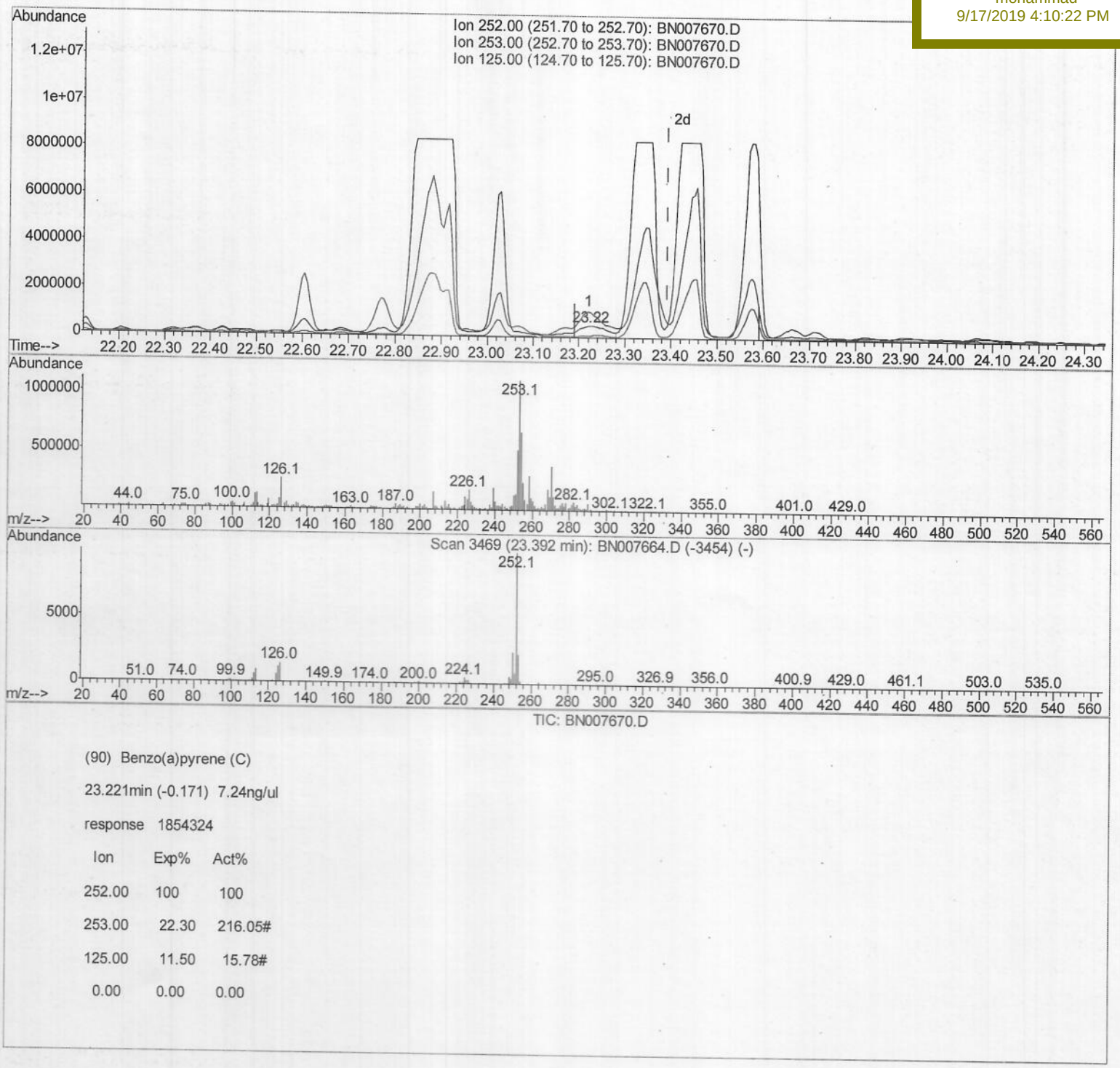
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:49:13 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

(90) Benzo(a)pyrene (C)

23.221min (-0.171) 7.24ng/ul

response 1854324

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	216.05#
125.00	11.50	15.78#
0.00	0.00	0.00

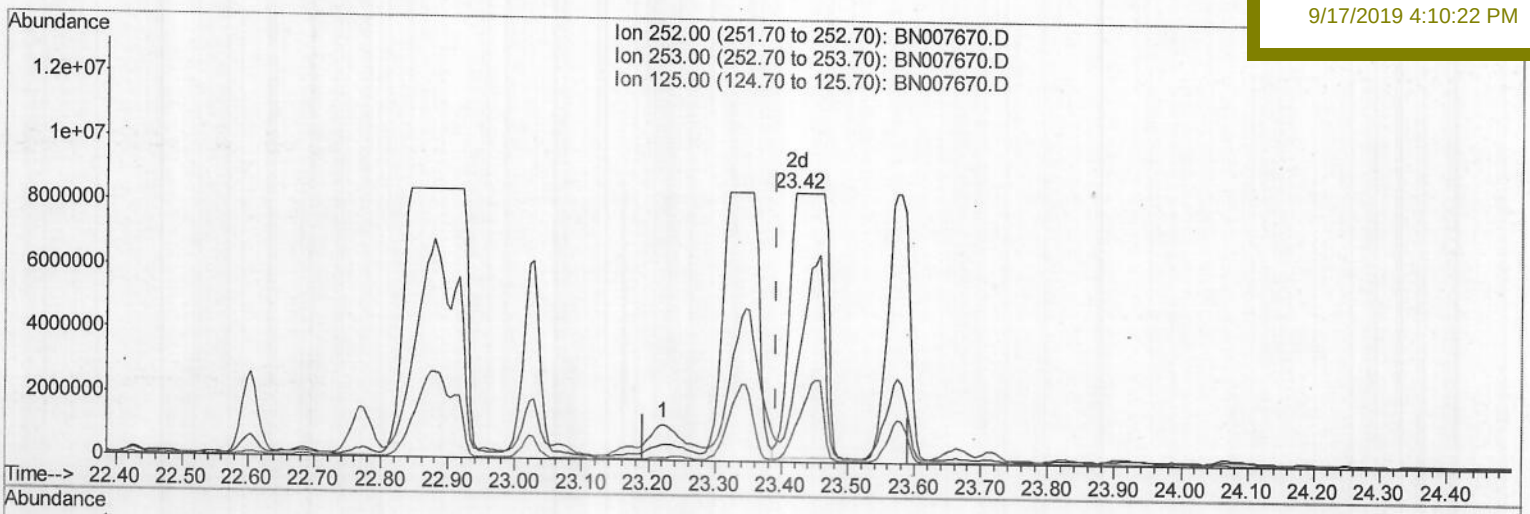
Quantitation Report (Qedit)

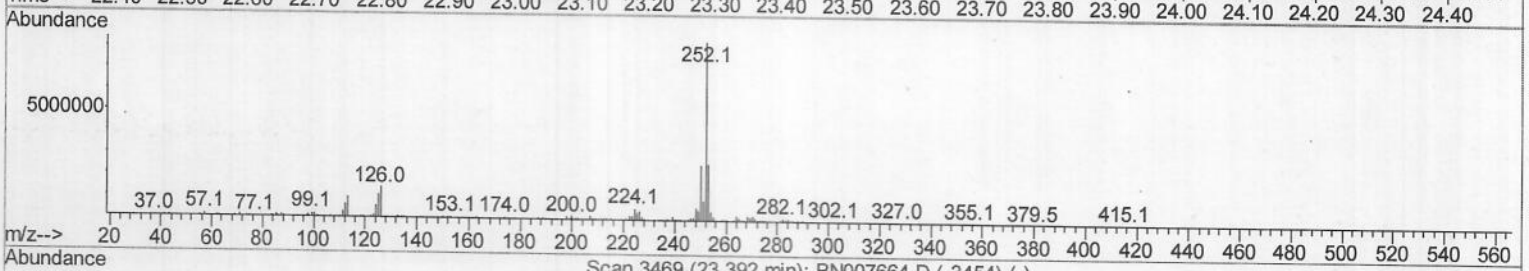
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

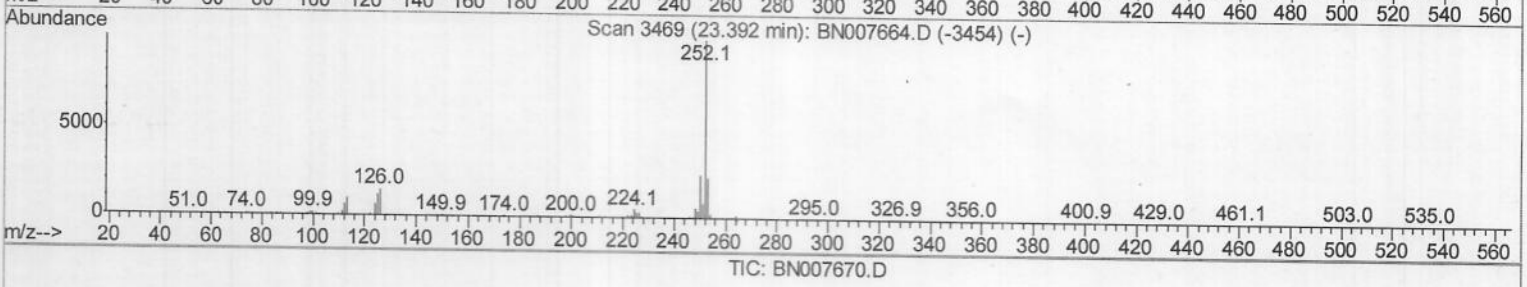
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







(90) Benzo(a)pyrene (C)

23.421min (+0.029) 123.02ng/ul m > JU 09/18/19

response 31522749

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	31.71#
125.00	11.50	13.29
0.00	0.00	0.00

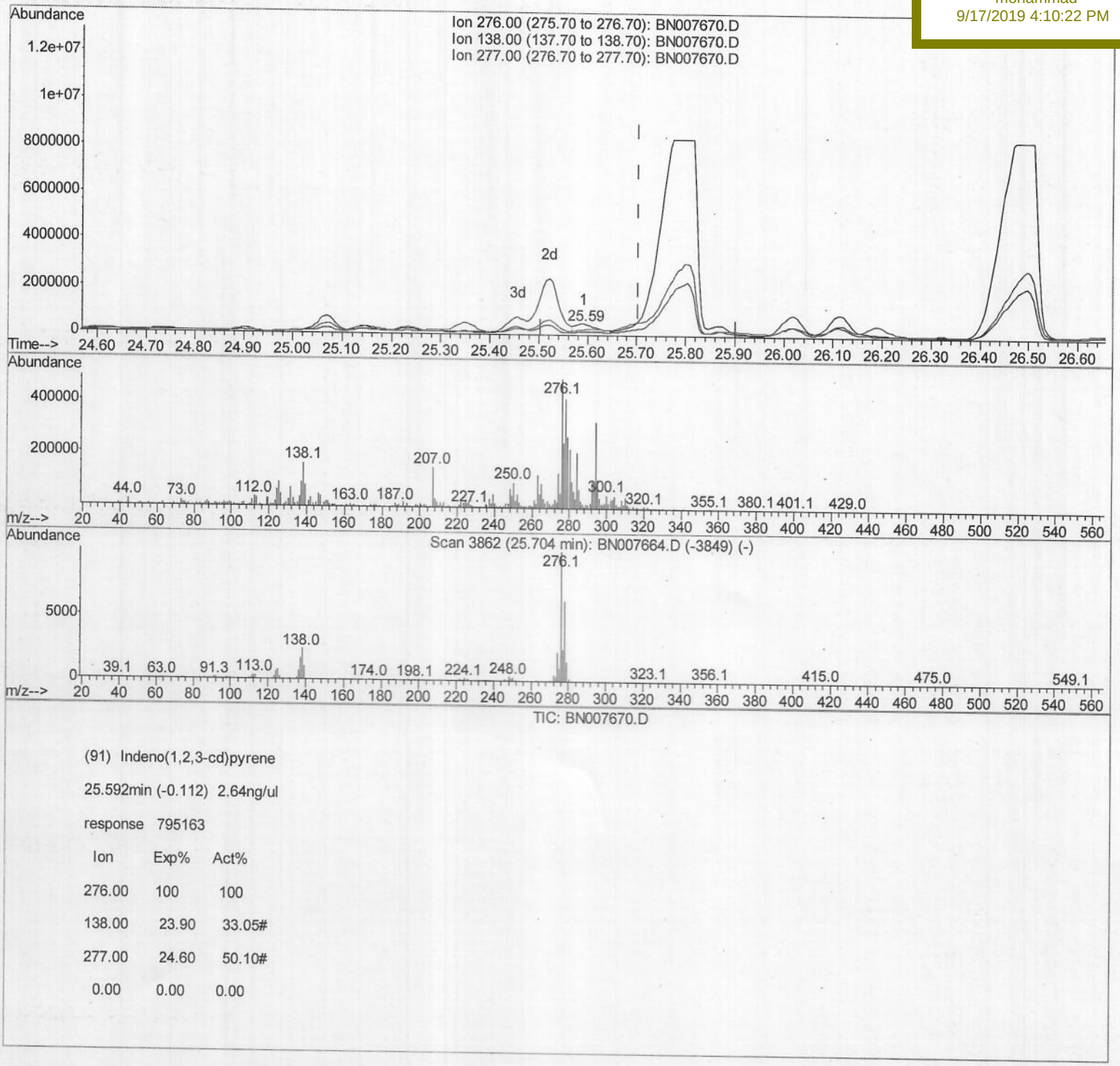
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:49:13 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



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

25.592min (-0.112) 2.64ng/ul

response 795163

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	33.05#
277.00	24.60	50.10#
0.00	0.00	0.00

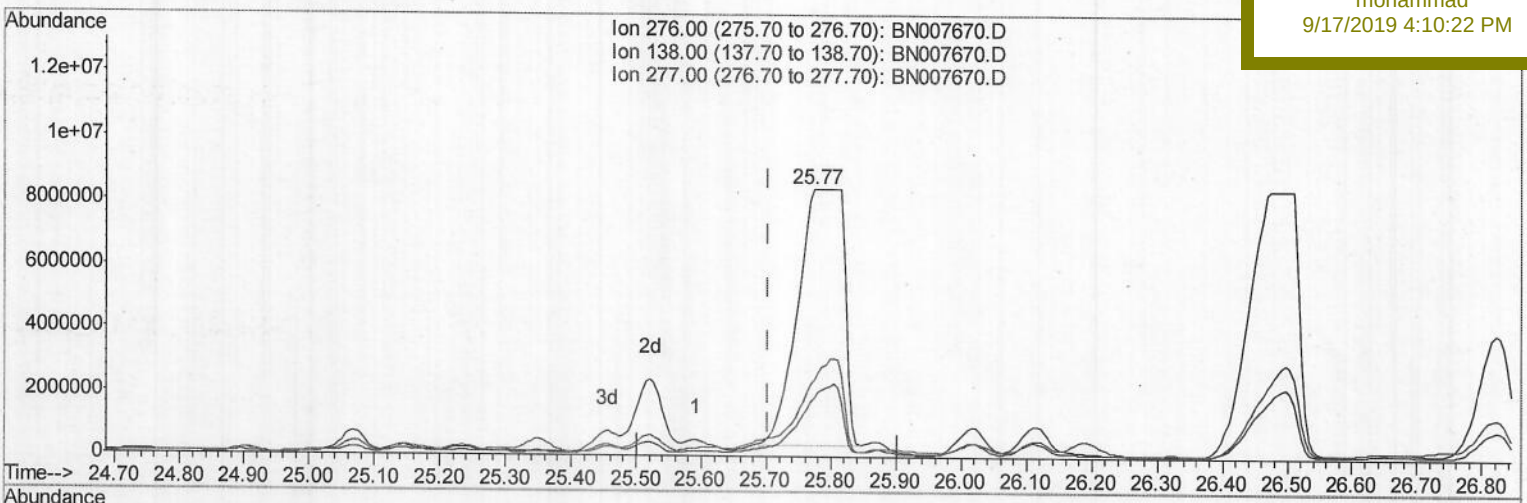
Quantitation Report (Qedit)

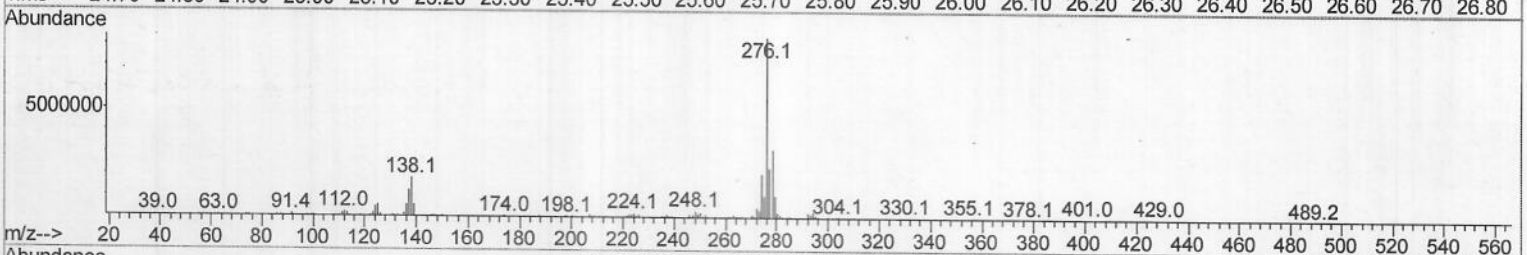
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

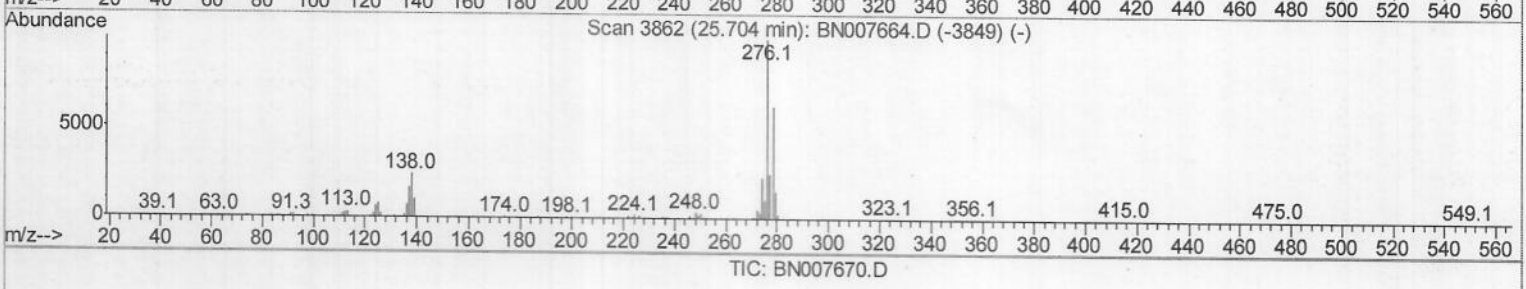
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

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

25.774min (+0.070) 131.60ng/ul m > JU 09/18/19

response 39620199

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	21.66
277.00	24.60	28.43
0.00	0.00	0.00

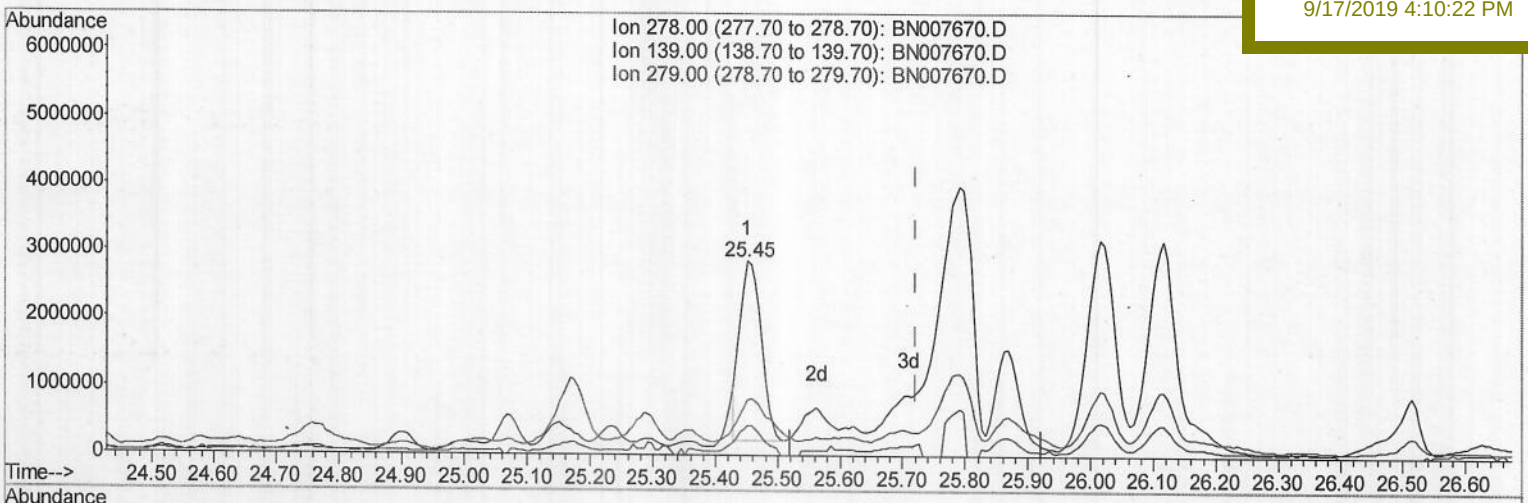
Quantitation Report (Qedit)

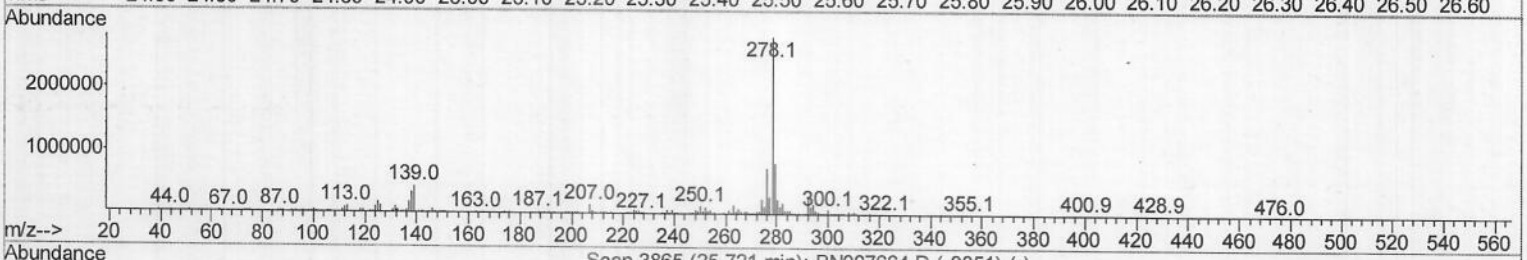
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

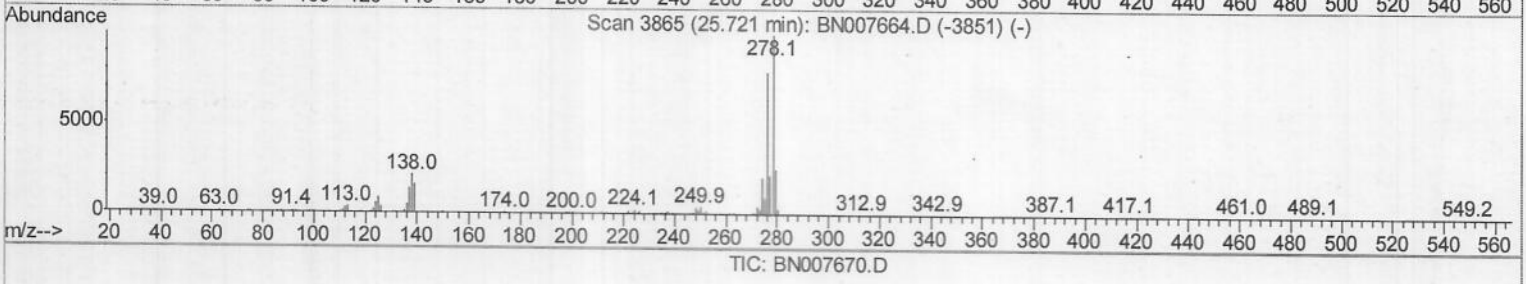
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(92) Dibenzo(a,h)anthracene

25.451min (-0.271) 24.85ng/ul

response 6240545

Ion	Exp%	Act%
278.00	100	100
139.00	15.80	15.39
279.00	24.30	28.59
0.00	0.00	0.00

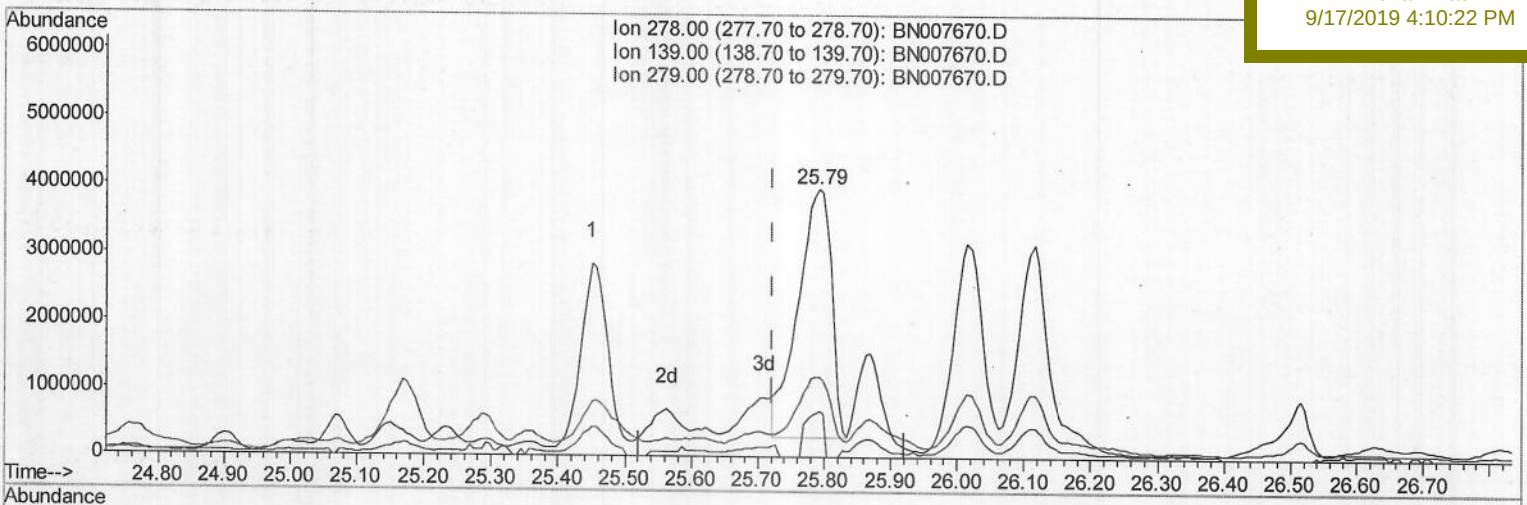
Quantitation Report (Qedit)

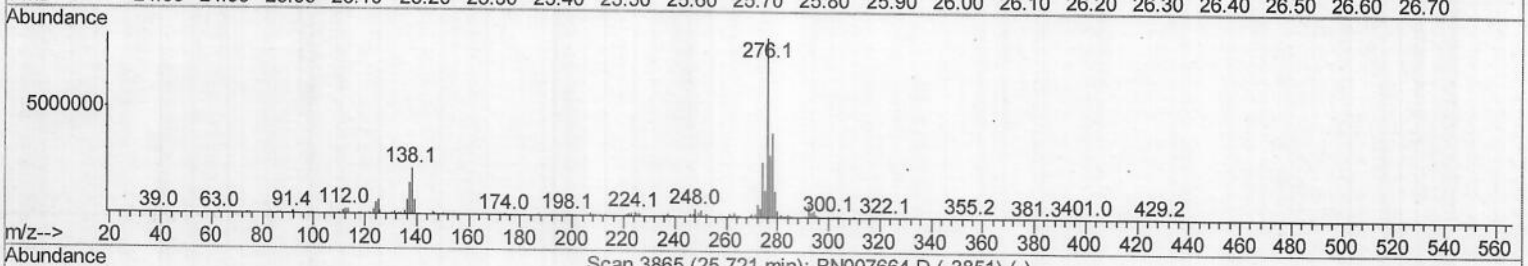
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

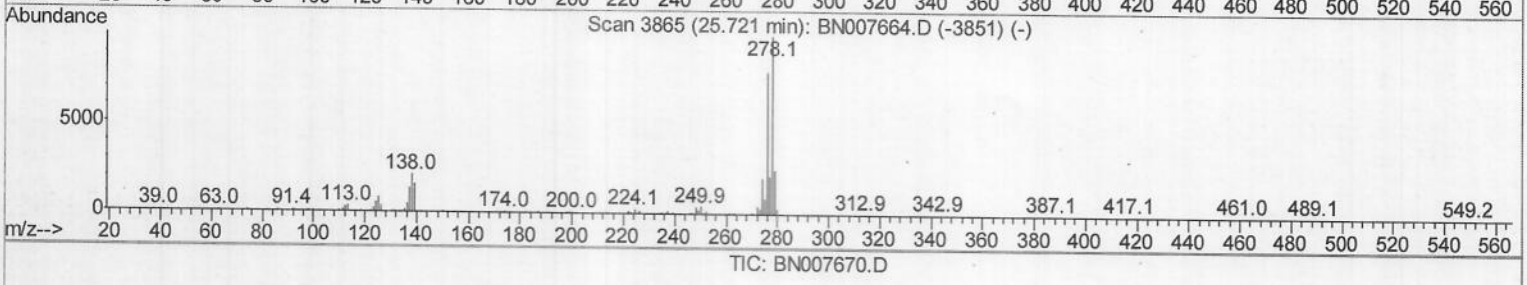
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

(92) Dibenzo(a,h)anthracene

25.792min (+0.070) 51.17ng/ul m > JU 09/18/19

response 12849679

Ion	Exp%	Act%
278.00	100	100
139.00	15.80	17.22
279.00	24.30	29.79#
0.00	0.00	0.00

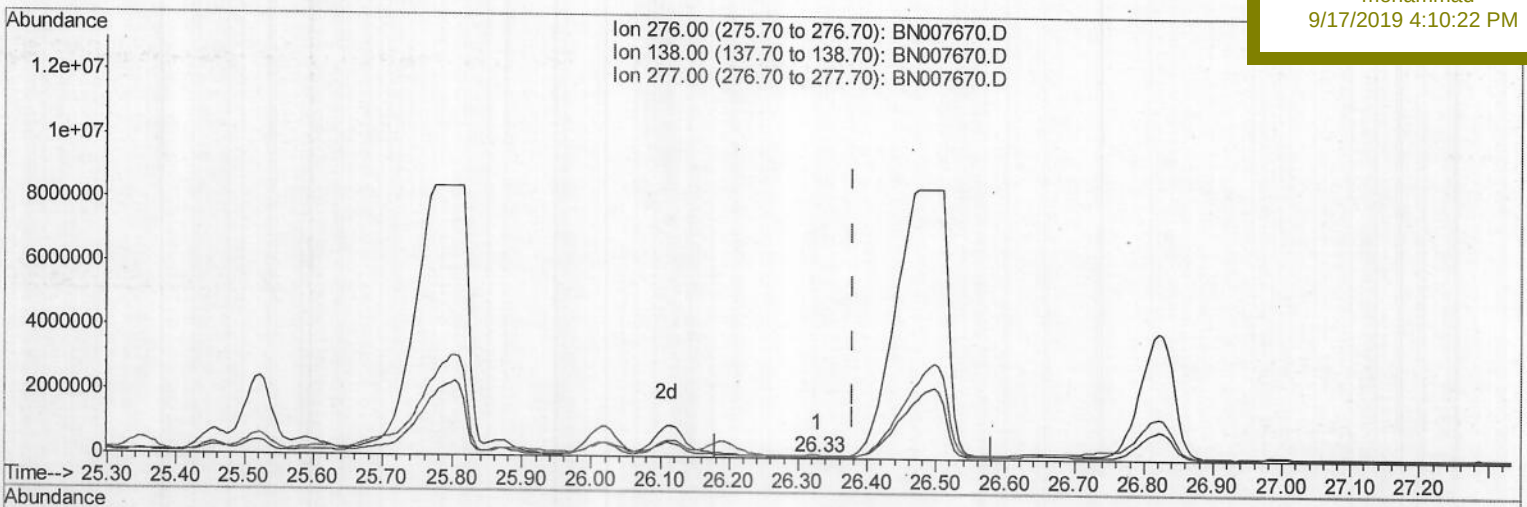
Quantitation Report (Qedit)

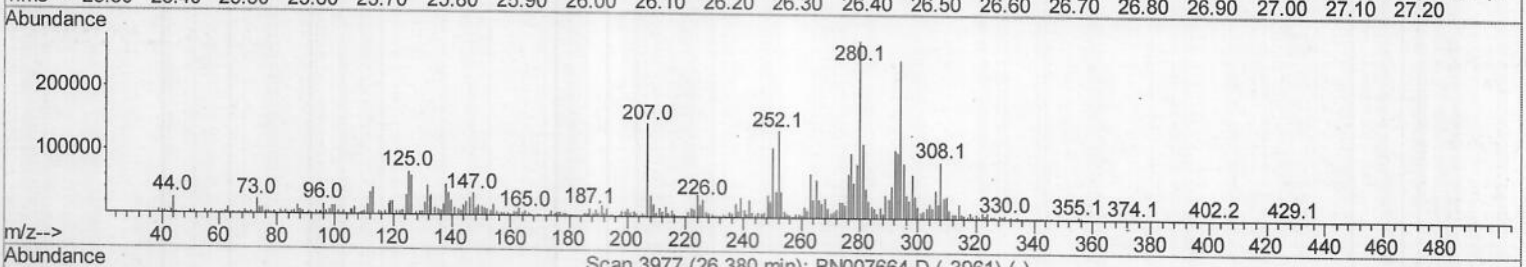
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

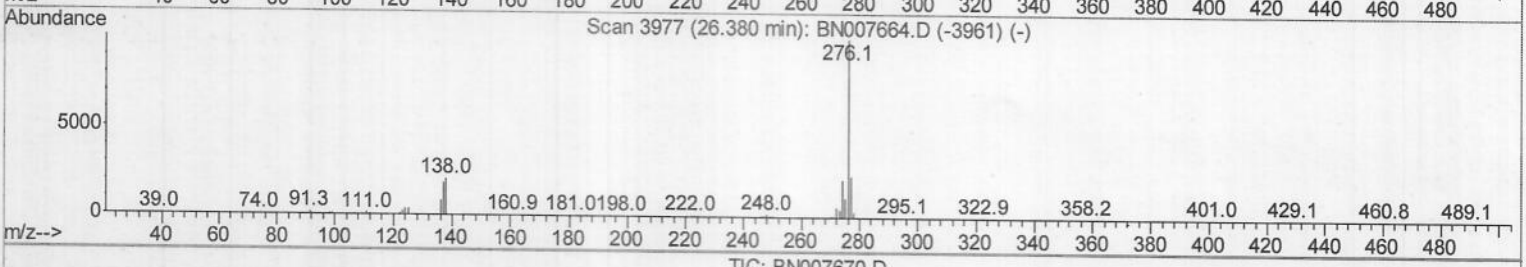
Quant Time: Sep 17 02:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM







TIC: BN007670.D

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

26.327min (-0.053) 0.04ng/ul

response 8819

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	69.54#
277.00	23.40	146.11#
0.00	0.00	0.00

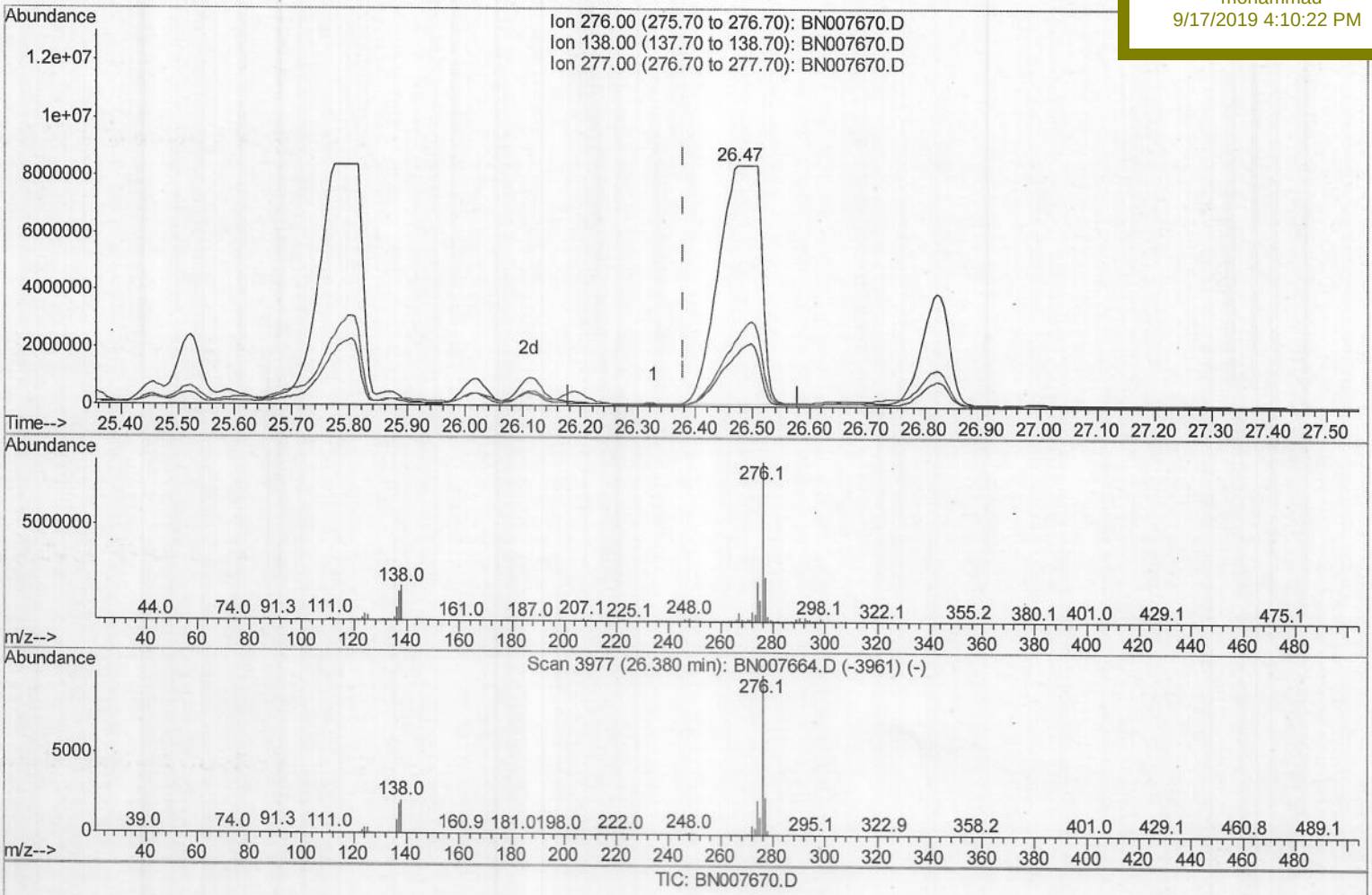
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 02:49:13 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 :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM



TIC: BN007670.D

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

26.474min (+0.094) 173.02ng/ul m > JU 09/28/19

response 42701347

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	21.74
277.00	23.40	28.03
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 13:37:49 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 : F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	592058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2523554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1649042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3470082	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	3146521	20.00	ng/ul	0.02
85) Perylene-d12	23.52	264	4098384m	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	43806	2.81	ng/uL	0.00
5) Phenol-d5	6.88	99	1034903	18.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	554709	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	749022	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	794339	18.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	349526	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	344245	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	777568	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	373473	7.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	2413503	18.39	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2792020	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	314136	13.46	ng/ul	0.00
57) Fluorene-d10	15.32	176	2146399	18.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	96223	5.14	ng/ul	0.00
70) Anthracene-d10	17.17	188	3200194	18.53	ng/ul	0.00
78) Pyrene-d10	19.48	212	3710174	21.89	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.39	264	3878445	18.19	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	111861	3.536	ng/ul	98
6) Phenol	6.90	94	208313	3.401	ng/ul	95
14) Acetophenone	8.52	105	424089	6.099	ng/ul	98
28) Naphthalene	10.52	128	601945	4.230	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	253817	2.470	ng/ul	99
44) Dimethylphthalate	13.79	163	665003	4.972	ng/ul	100
49) Acenaphthene	14.39	153	2455170	22.048	ng/ul	99
53) Dibenzofuran	14.73	168	1320303	8.174	ng/ul	100
58) Fluorene	15.38	166	1379598	10.614	ng/ul	99
69) Phenanthrene	17.11	178	20942393m	101.769	ng/ul	
71) Anthracene	17.21	178	8230567	39.960	ng/ul	99
74) Carbazole	17.47	167	7463517	42.842	ng/ul	98
76) Fluoranthene	19.13	202	27134105m	120.203	ng/ul	
79) Pyrene	19.50	202	27230955m	129.968	ng/ul	
82) Benzo(a)anthracene	21.26	228	24213833m	107.997	ng/ul	
84) Chrysene	21.30	228	25999894m	124.638	ng/ul	
87) Benzo(b)fluoranthene	22.84	252	38987926m	147.101	ng/ul	
88) Benzo(k)fluoranthene	22.90	252	12334606m	47.889	ng/ul	
90) Benzo(a)pyrene	23.42	252	31522749m	123.020	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.77	276	39620199m	131.604	ng/ul	
92) Dibenzo(a,h)anthracene	25.79	278	12849679m	51.172	ng/ul	
93) Benzo(g,h,i)perylene	26.47	276	42701347m	173.017	ng/ul	

JU 09/18/19

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Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 13:37:49 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_N
ClientSampleId :
F2D27ME

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:22 PM