Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

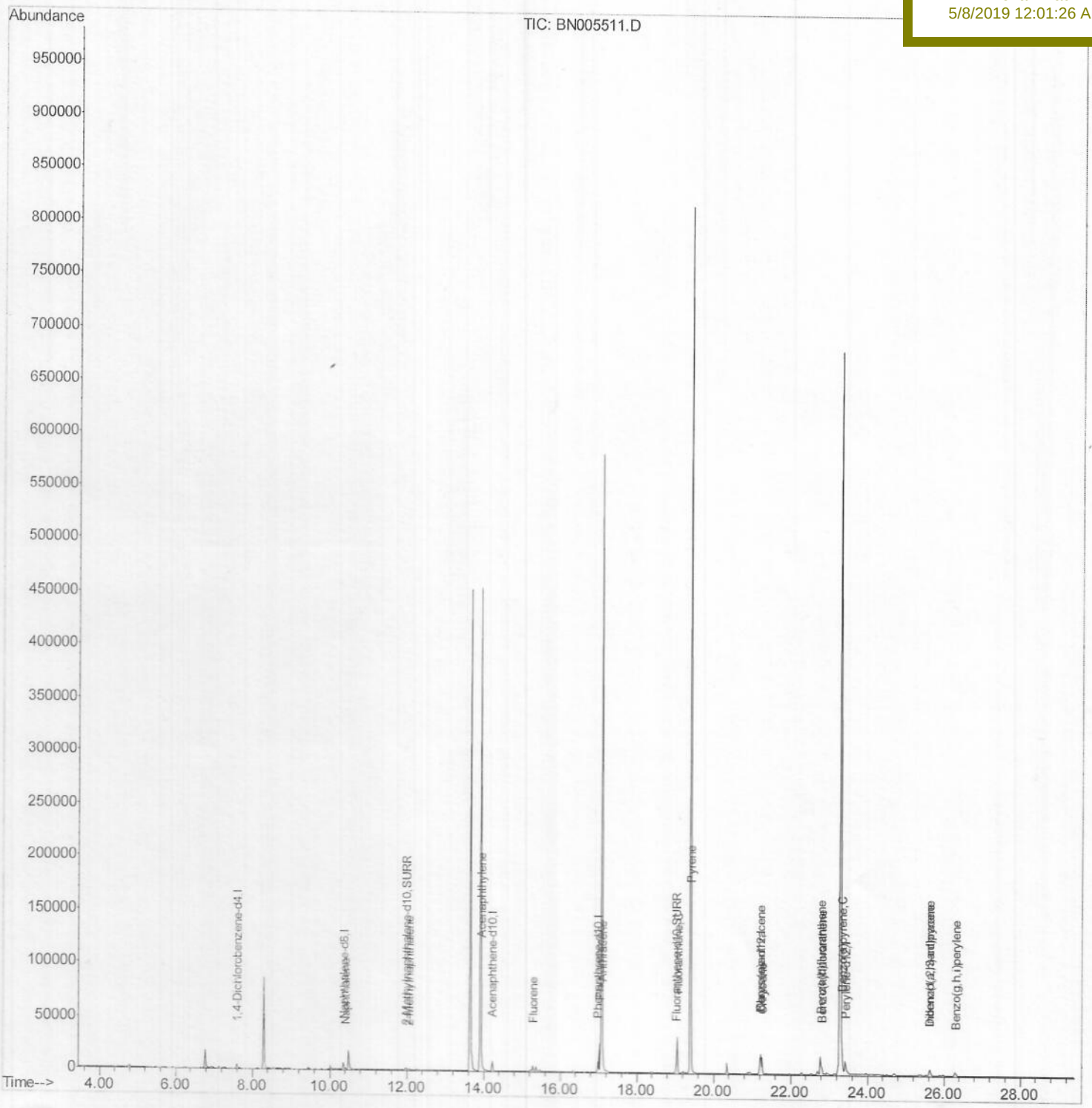
Quantitation Report (QT Reviewed)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:07:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

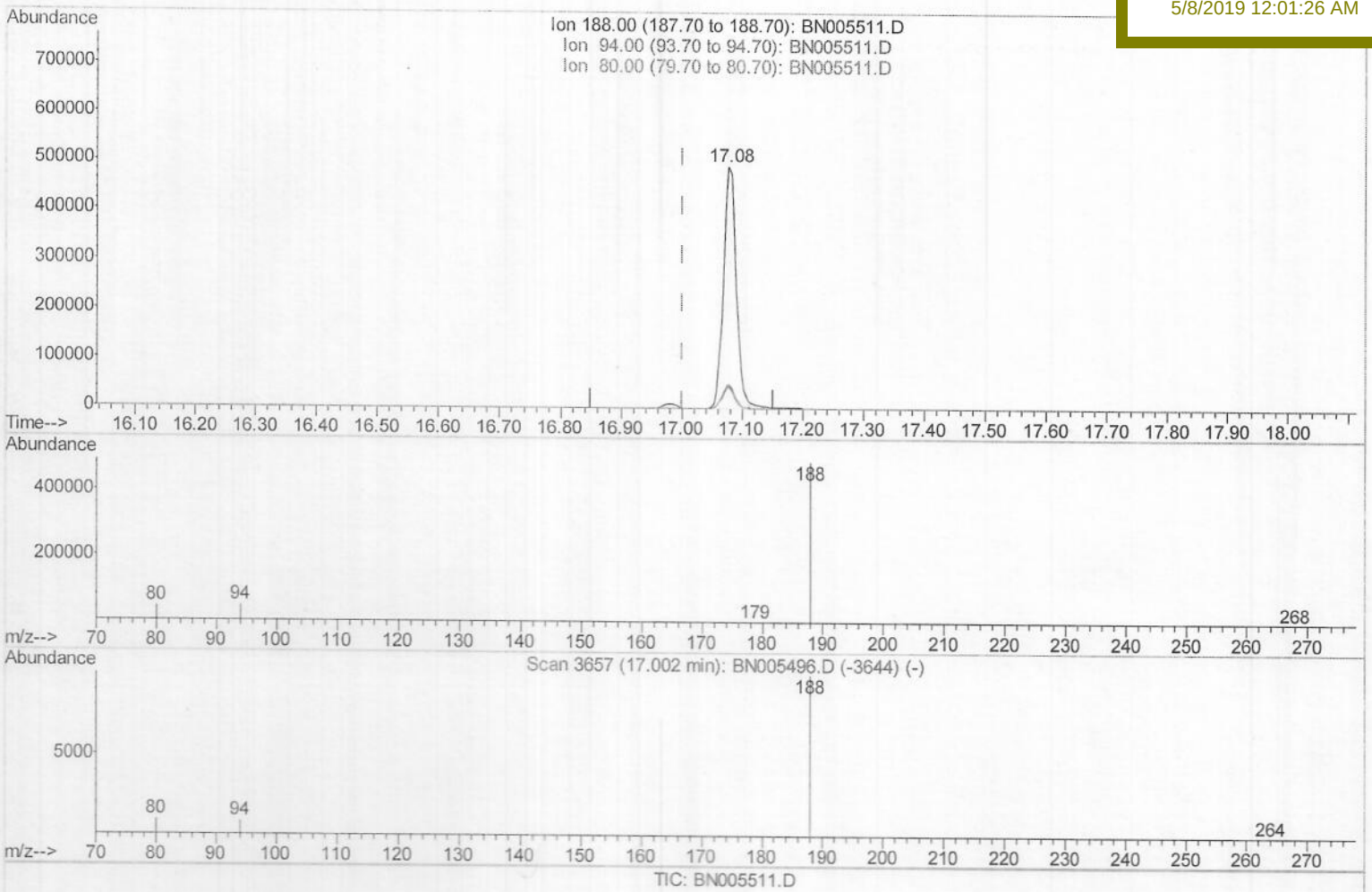
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 07:09:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(10) Phenanthrene-d10 (I)

17.078min (+0.076) 0.40ng/ul

response 730697

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.80
80.00	9.80	9.01
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

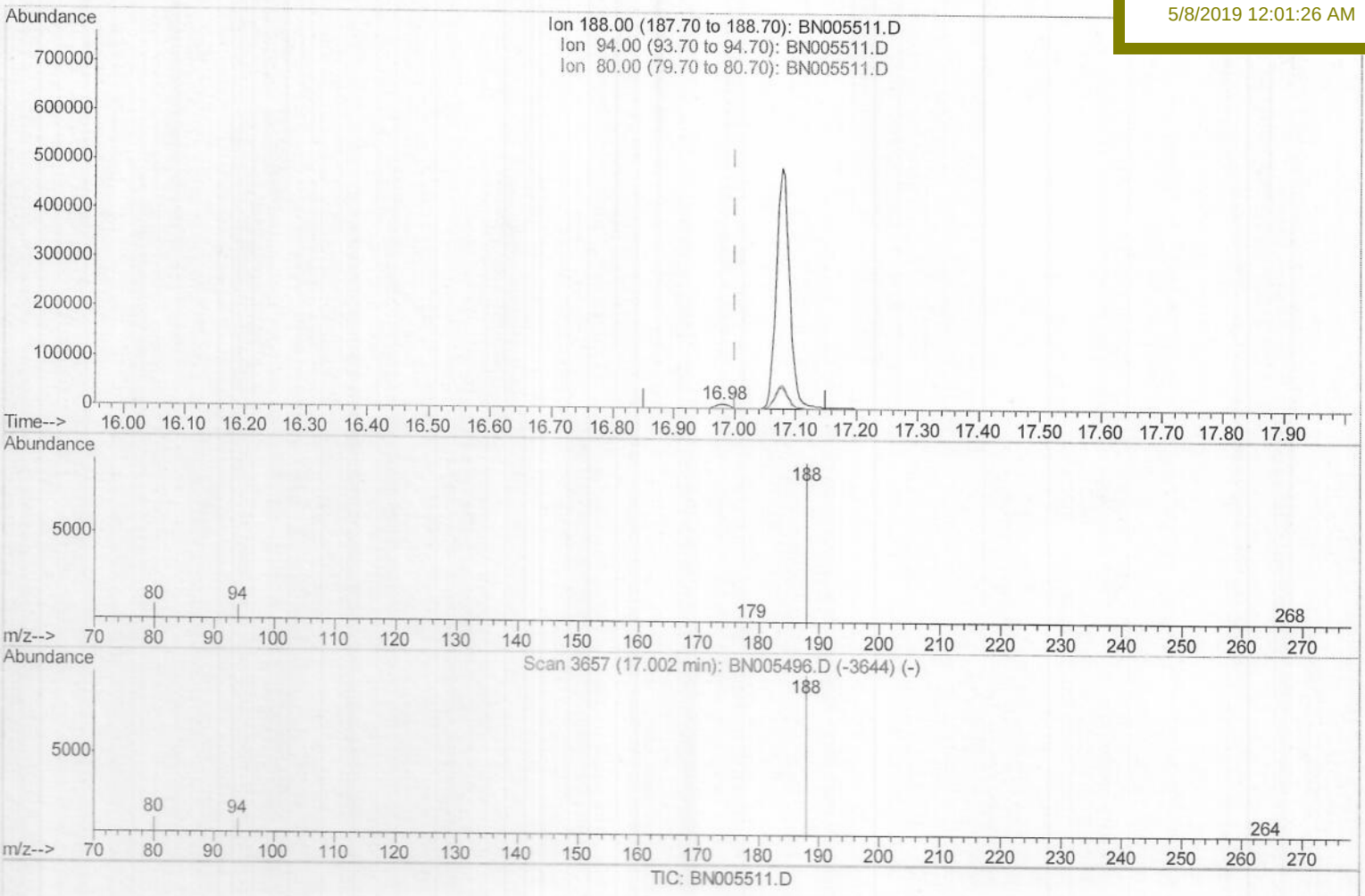
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 07:09:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(10) Phenanthrene-d10 (I)

16.981min (-0.021) 0.40ng/ul m > JU05|08|19

response 13423

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.77
80.00	9.80	9.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

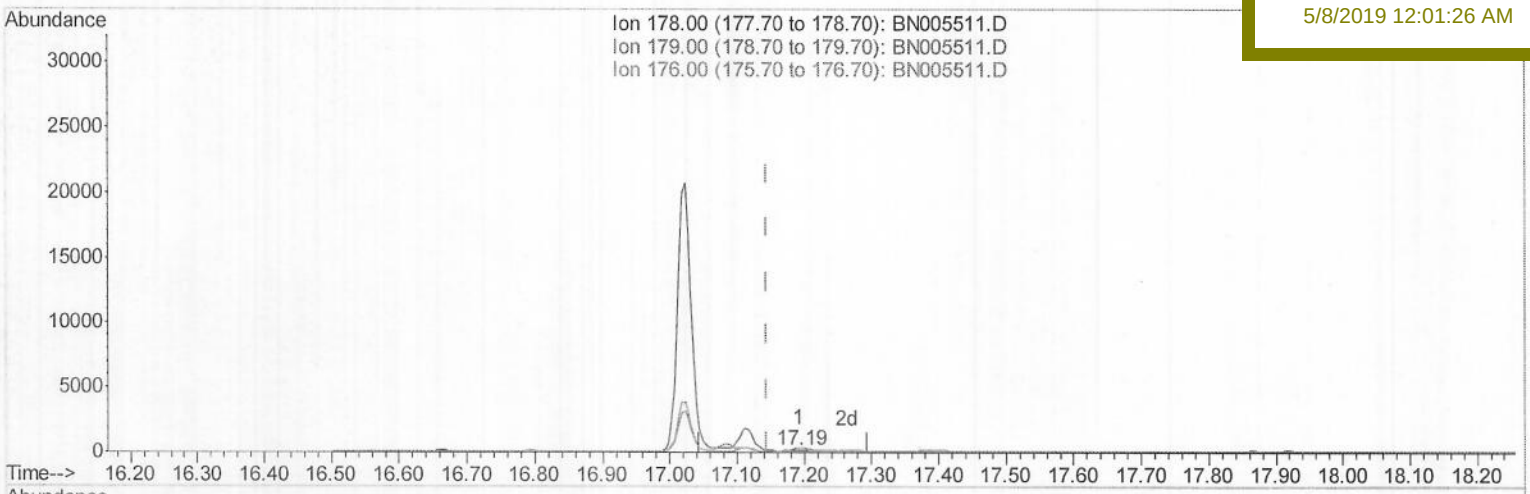
Quantitation Report (Qedit)

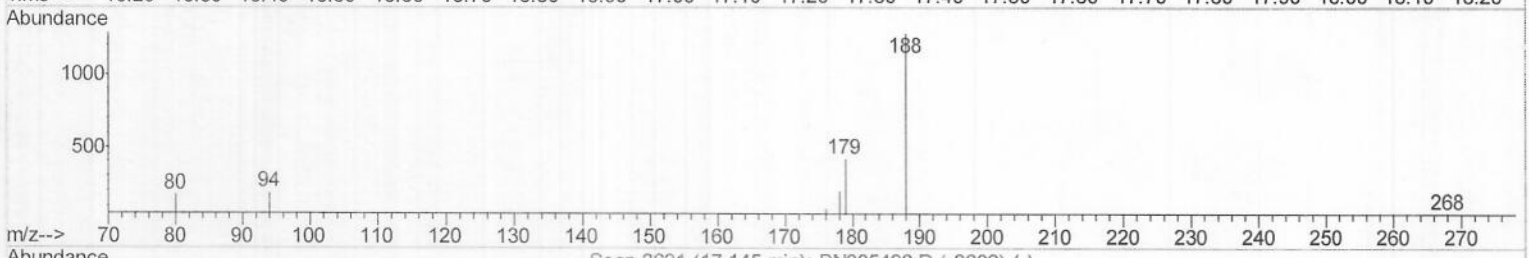
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

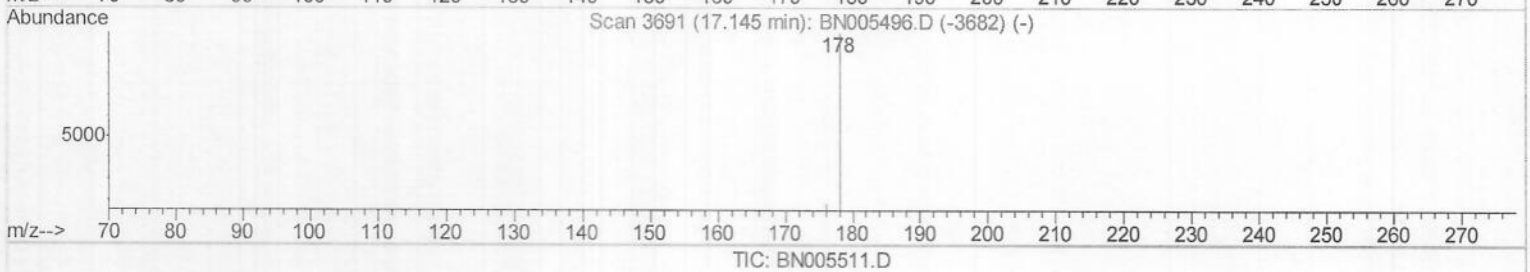
Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(13) Anthracene

17.192min (+0.047) 0.01ng/ul

response 240

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	209.95#
176.00	18.90	41.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

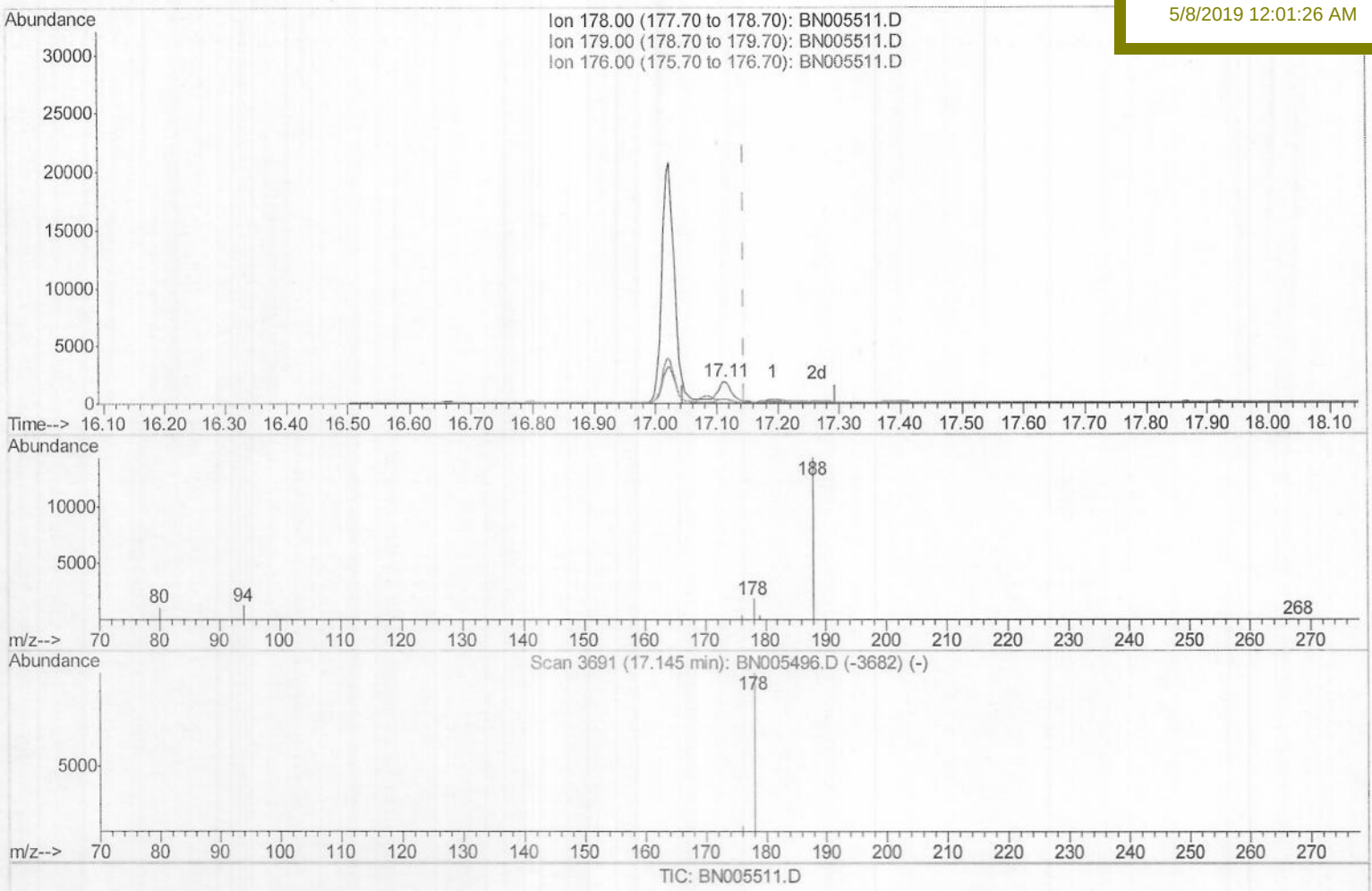
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(13) Anthracene

17.111min (-0.034) 0.07ng/ul m > JU05/08/19

response 2592

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	20.82#
176.00	18.90	20.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

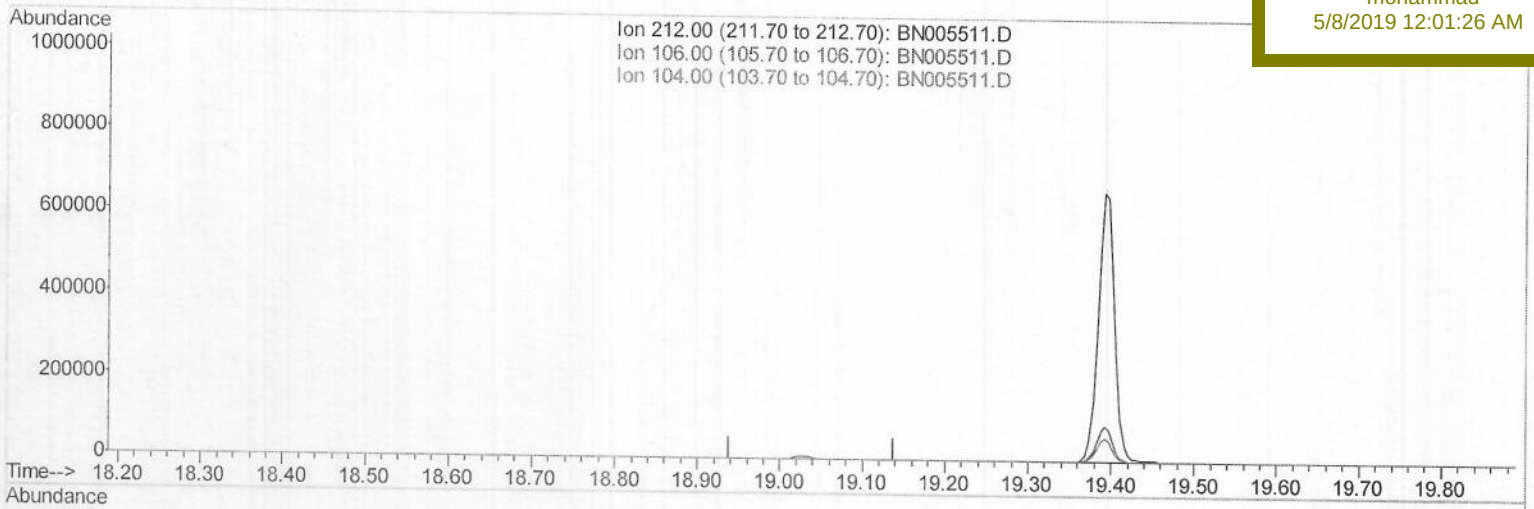
Quantitation Report (Qedit)

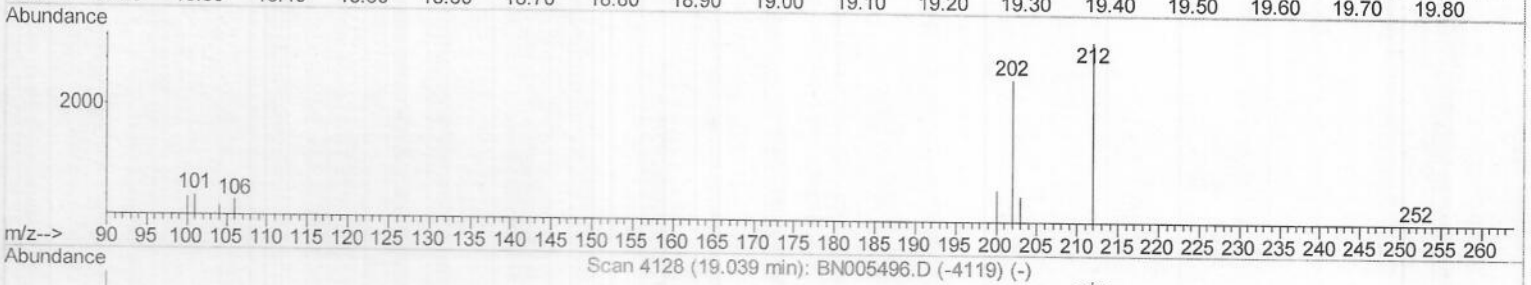
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

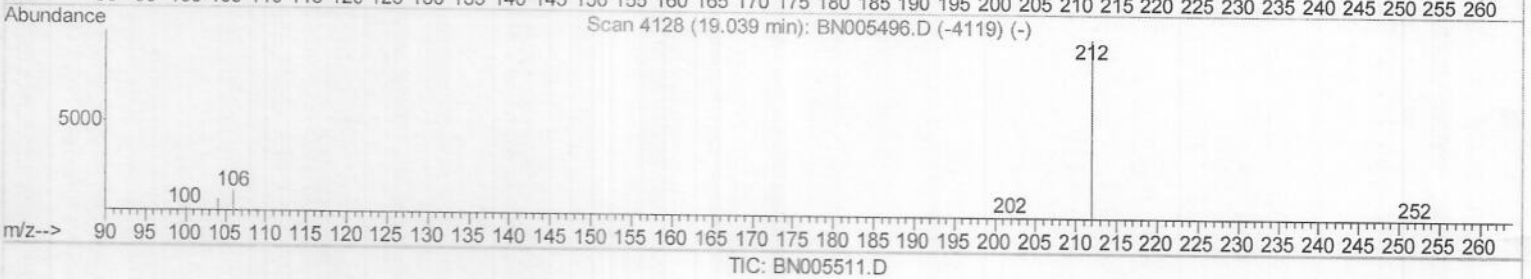
Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







(14) Fluoranthene-d10 (SURR)

19.039min (-19.039) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

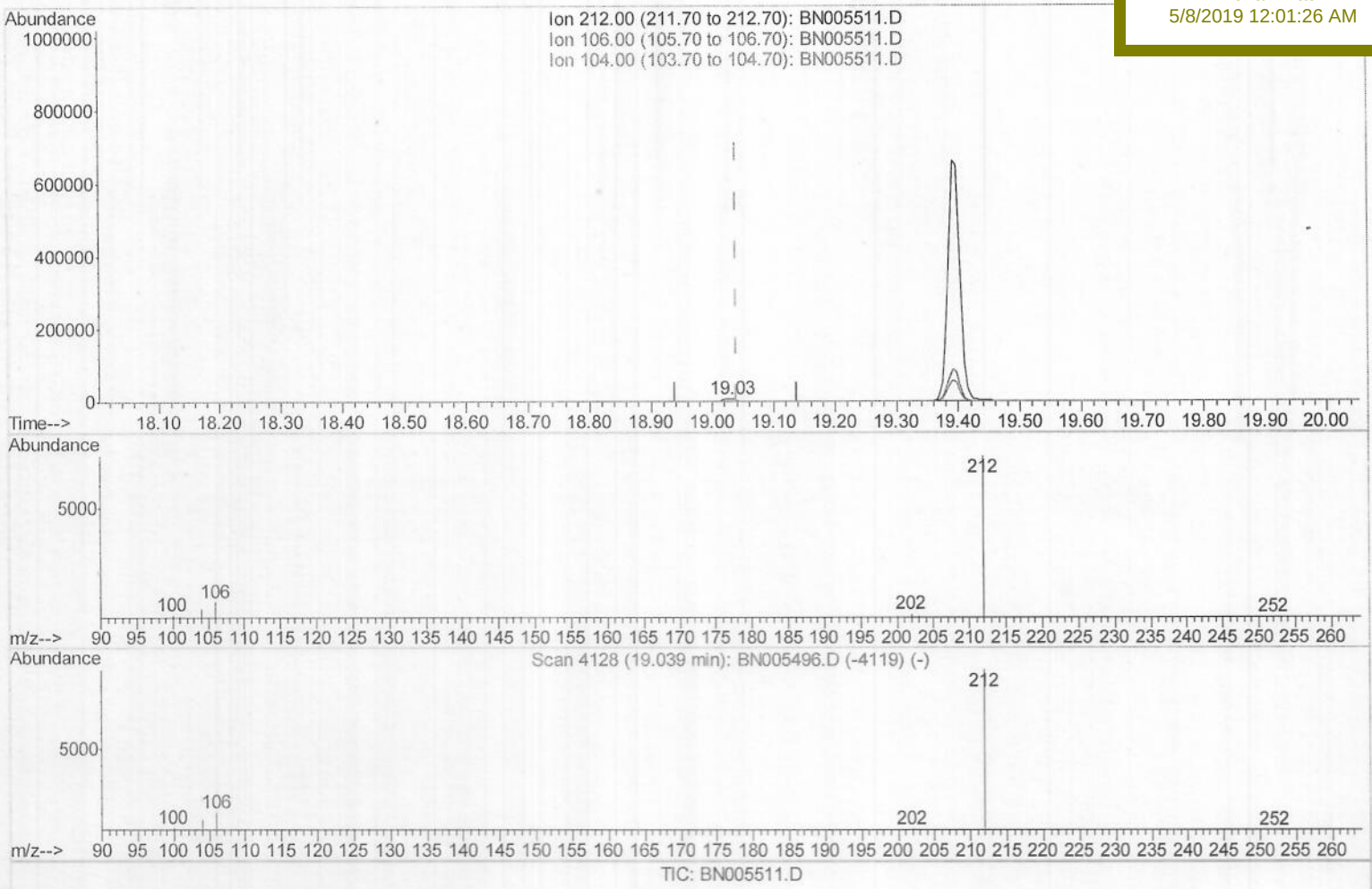
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(14) Fluoranthene-d10 (SURR)

19.030min (-0.009) 0.24ng/ul m) 5005/08/19

response 10200

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

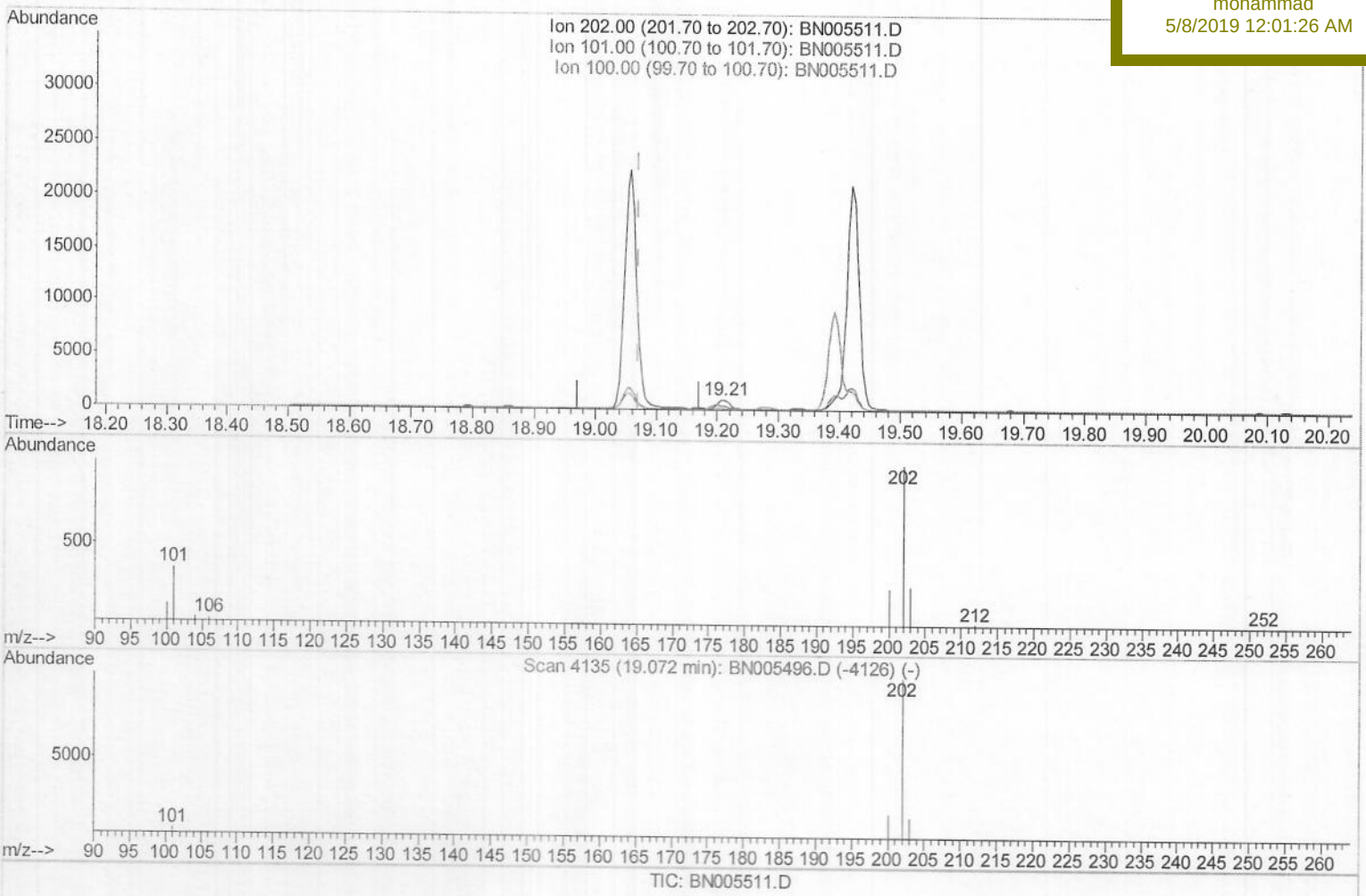
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(15) Fluoranthene (C)

19.211min (+0.139) 0.02ng/ul

response 1114

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	37.36#
100.00	7.10	15.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

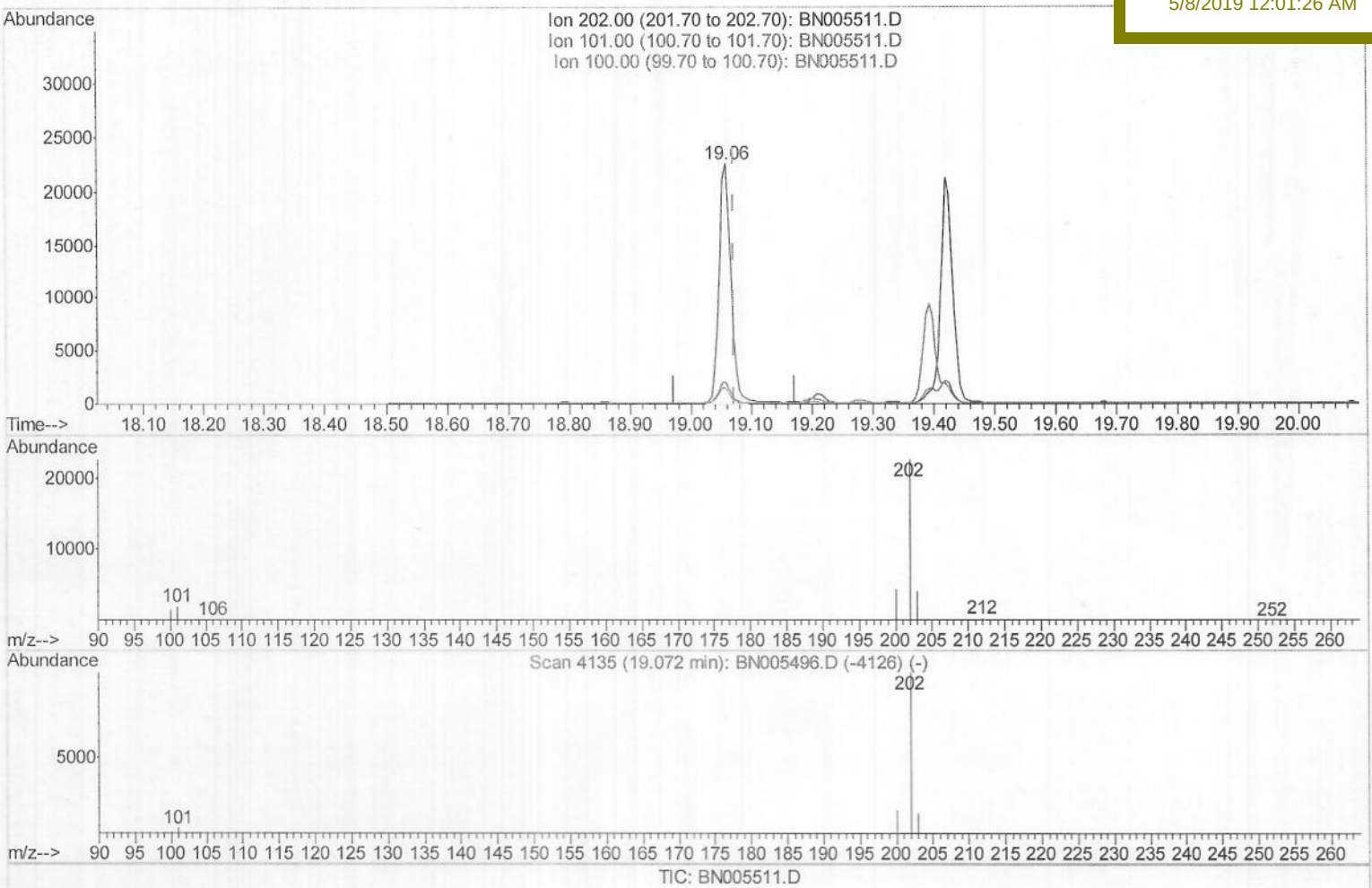
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(15) Fluoranthene (C)

19.058min (-0.014) 0.61ng/ul m JU 05/08/19

response 30652

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	8.57
100.00	7.10	6.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

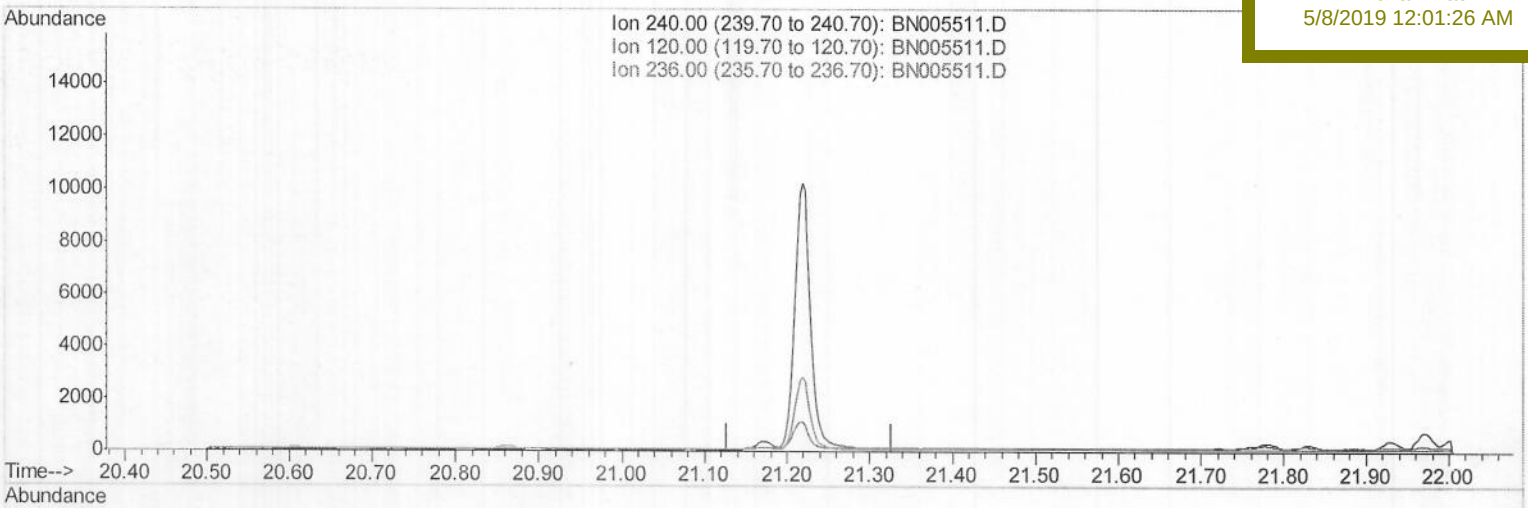
Quantitation Report (Qedit)

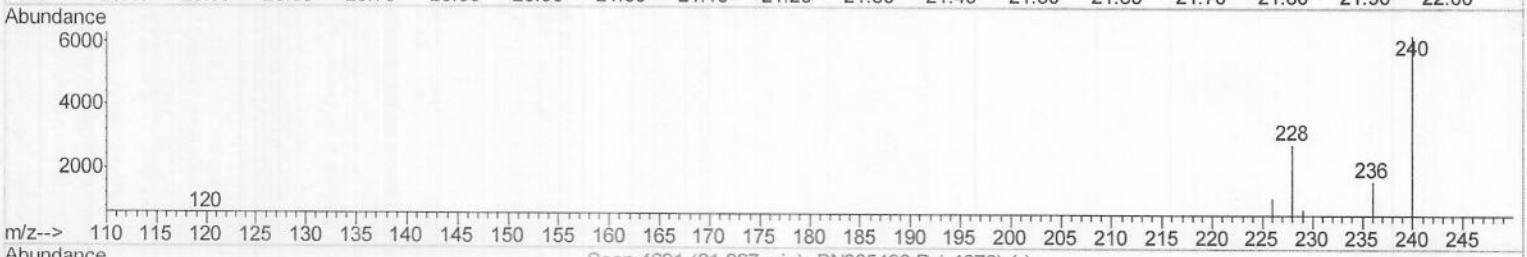
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

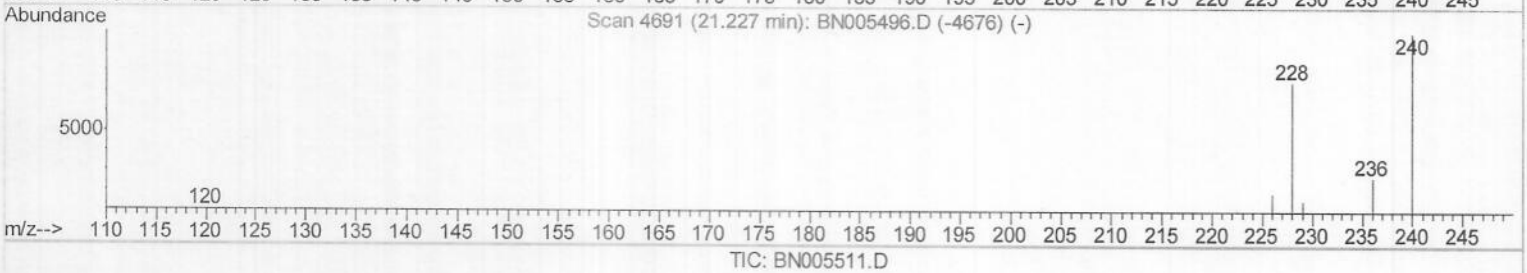
Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(16) Chrysene-d12 (I)

21.227min (-21.227) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

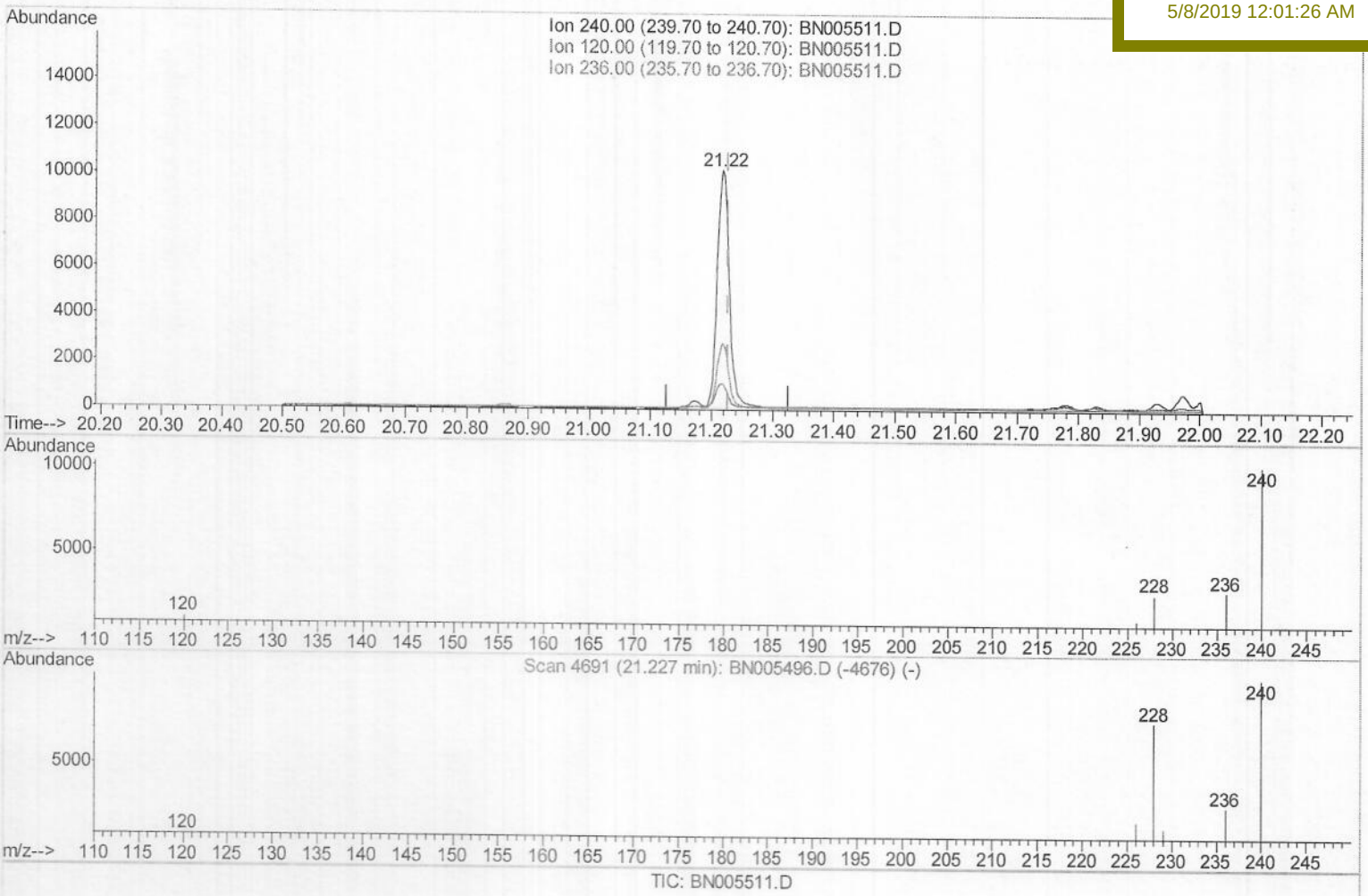
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:04:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



(16) Chrysene-d12 (I)

21.219min (-0.009) 0.40ng/ul m) JU05|08|19

response 13635

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.03
236.00	28.00	27.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

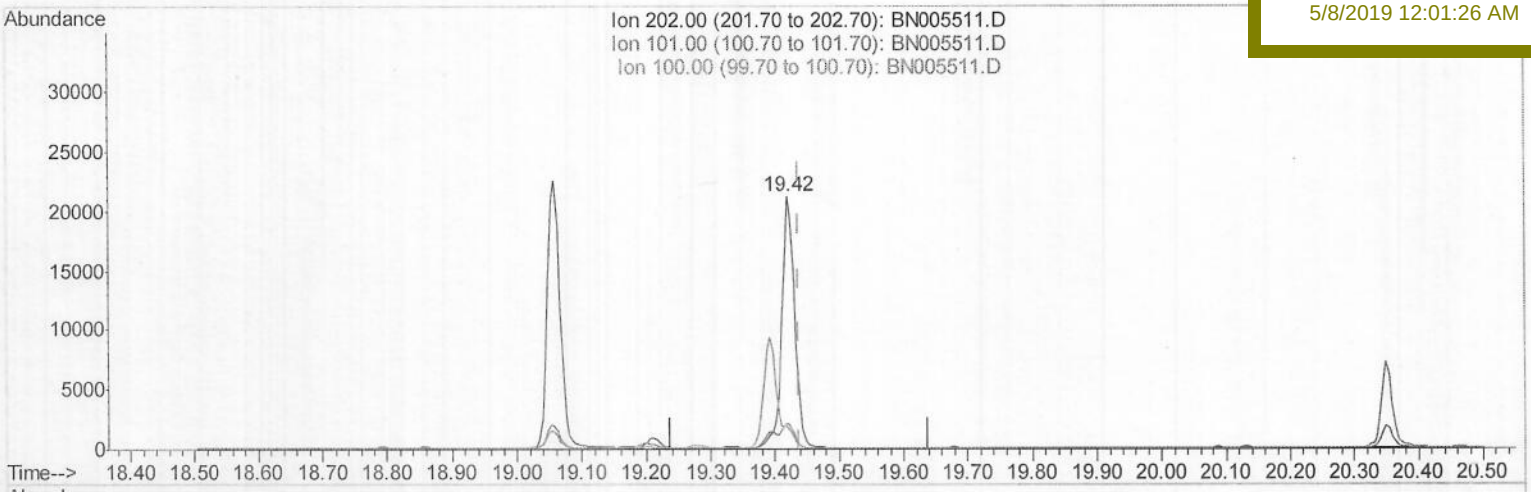
Quantitation Report (Qedit)

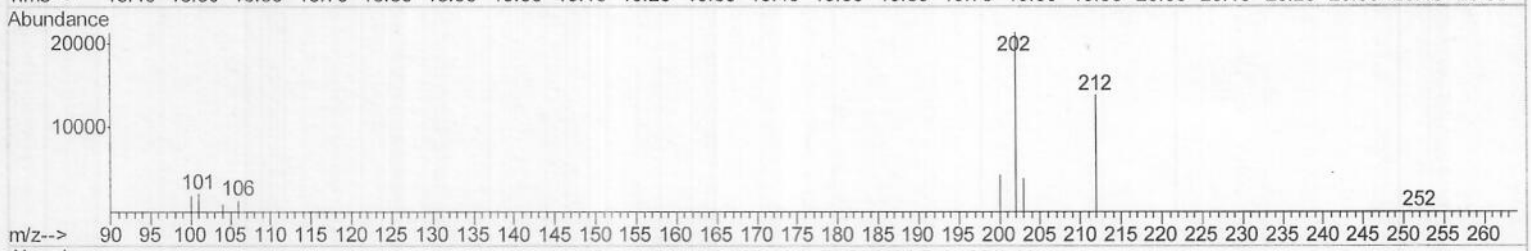
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

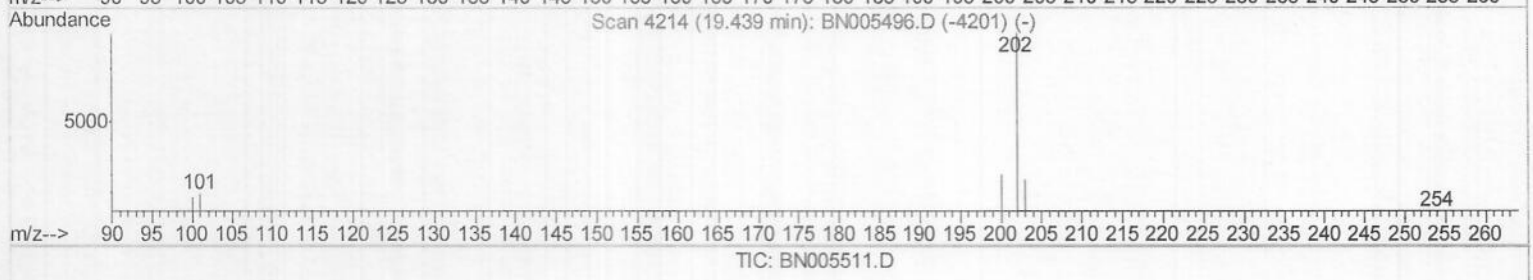
Quant Time: May 07 08:05:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(17) Pyrene

19.420min (-0.019) 0.60ng/ul

response 30093

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	10.36
100.00	8.60	8.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

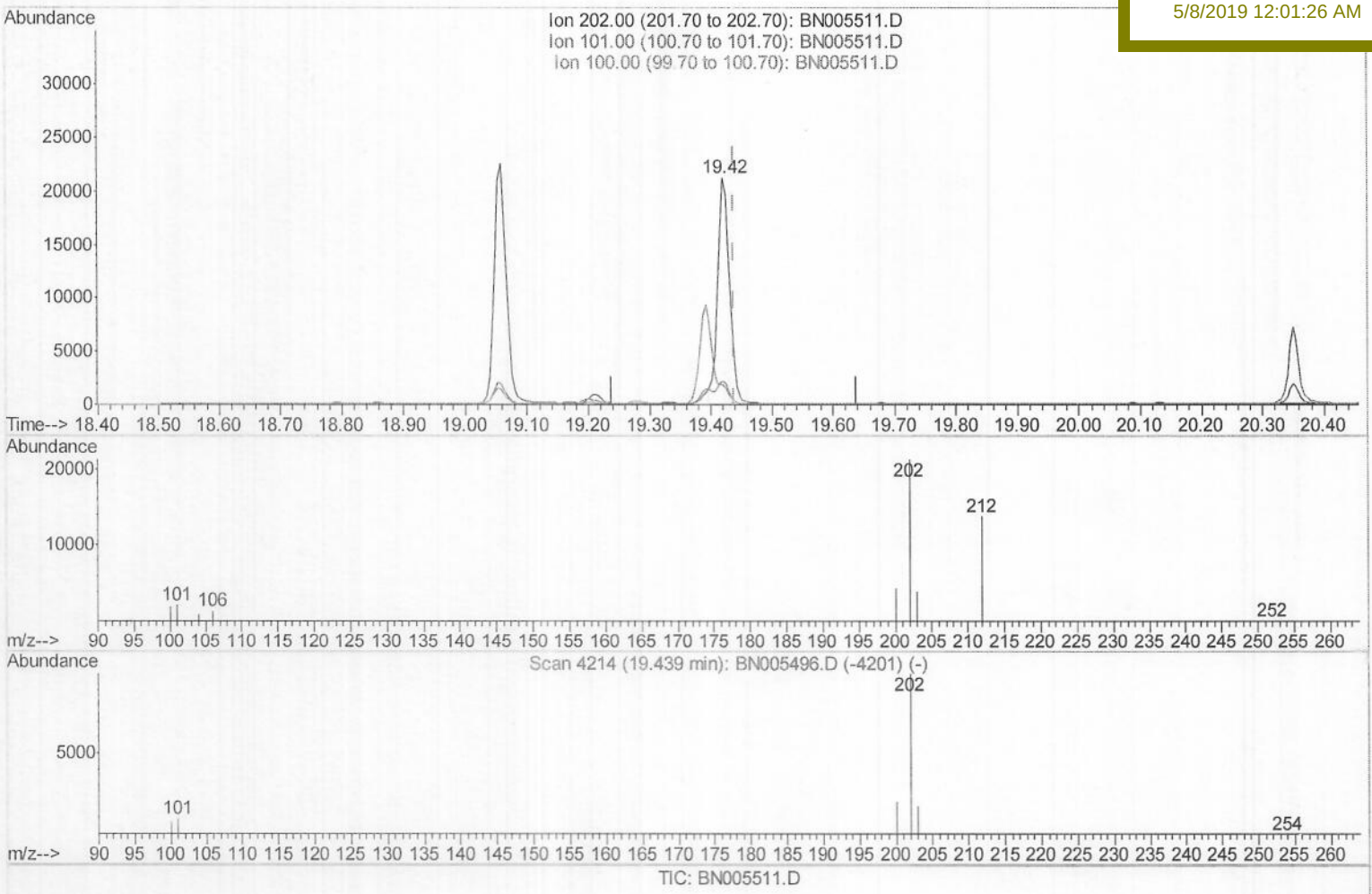
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



(17) Pyrene

19.420min (-0.019) 0.57ng/ul m > JU05/08/19

response 28756

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	10.36
100.00	8.60	8.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

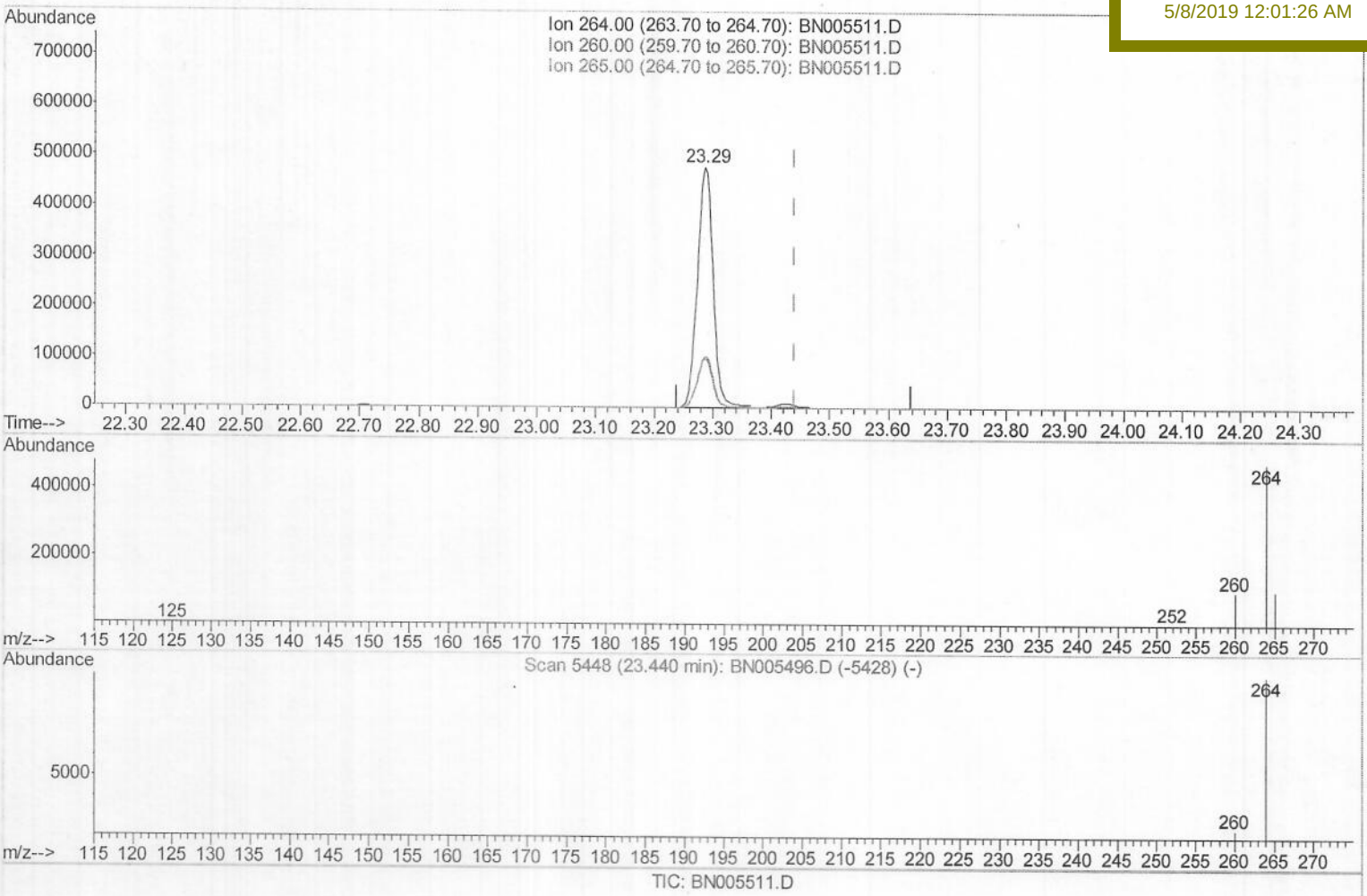
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(20) Perylene-d12 (I)

23.288min (-0.152) 0.40ng/ul

response 884460

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.63
265.00	31.70	21.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

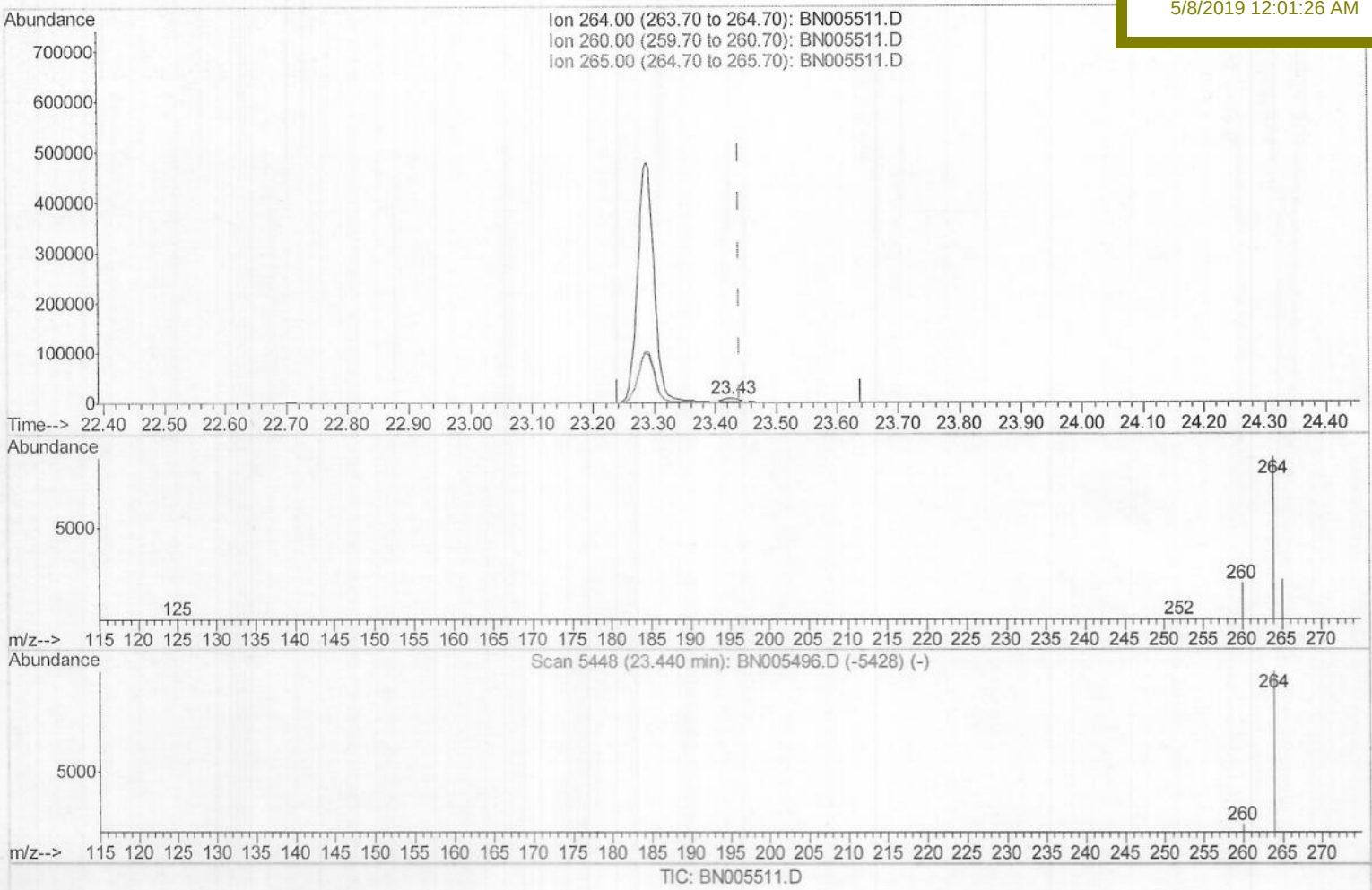
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



(20) Perylene-d12 (I)

23.425min (-0.015) 0.40ng/ul m > JU05/08/19

response 12119

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	24.47
265.00	31.70	26.22
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

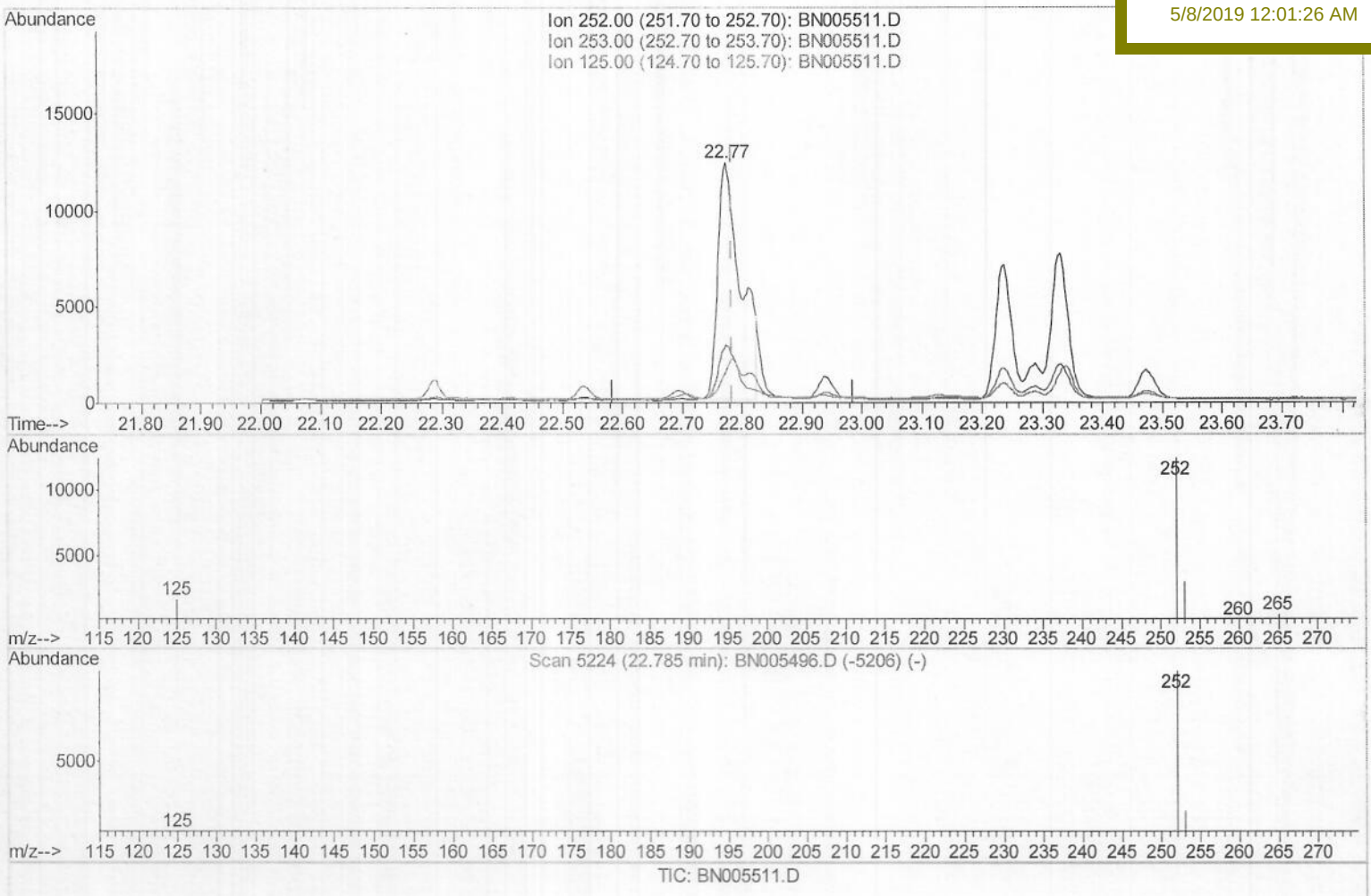
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(21) Benzo(b)fluoranthene

22.773min (-0.012) 0.89ng/ul

response 32328

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	23.93
125.00	10.40	13.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

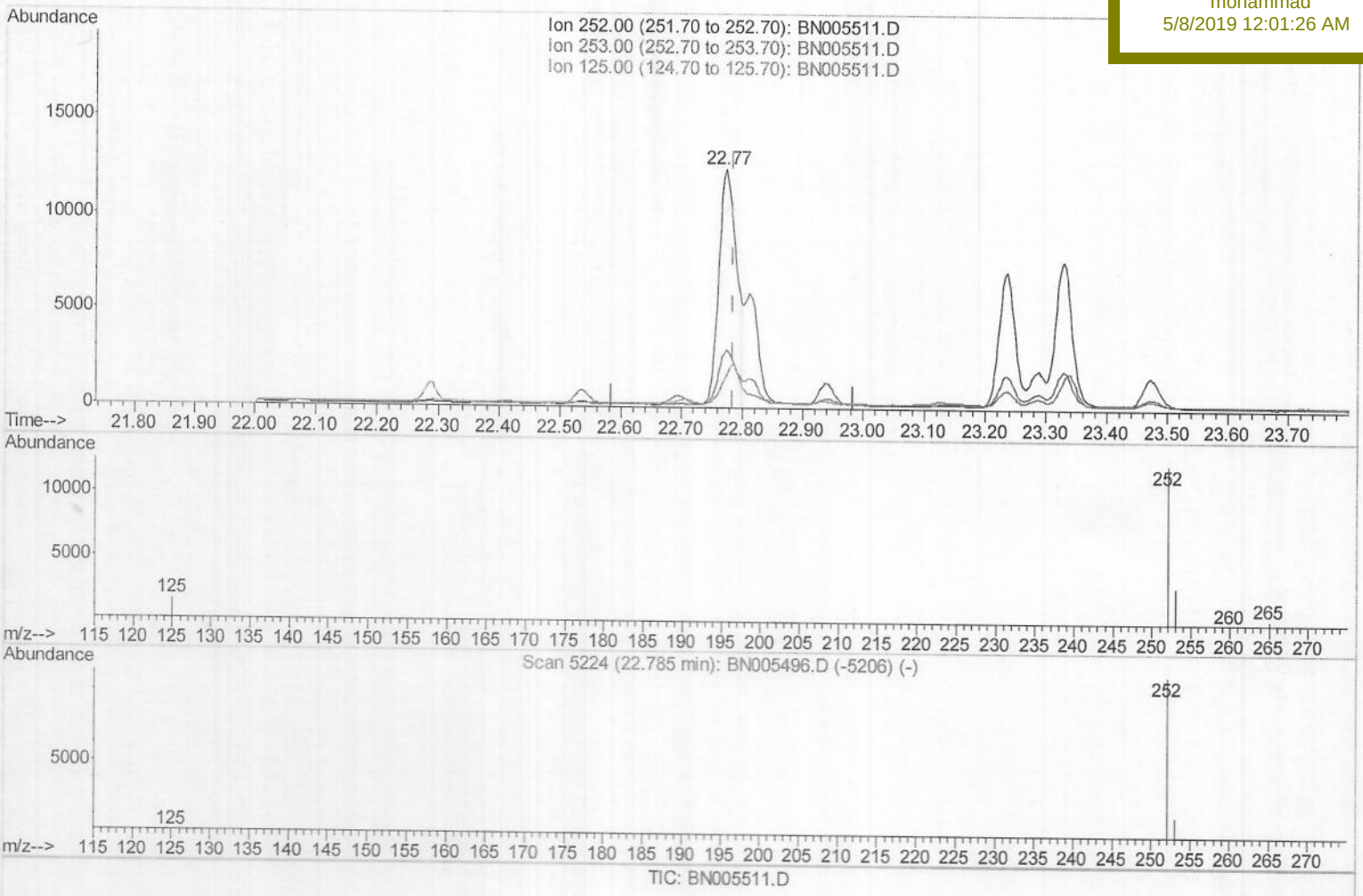
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(21) Benzo(b)fluoranthene

22.773min (-0.012) 0.69ng/ul m > 50051081 14

response 25151

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	23.93
125.00	10.40	13.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

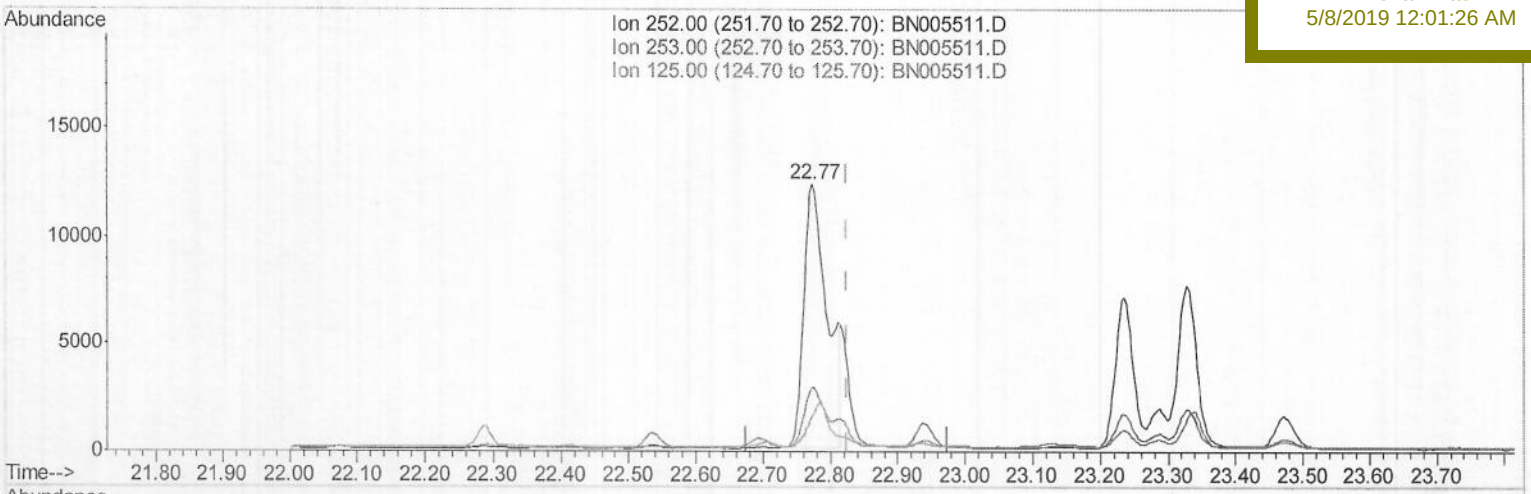
Quantitation Report (Qedit)

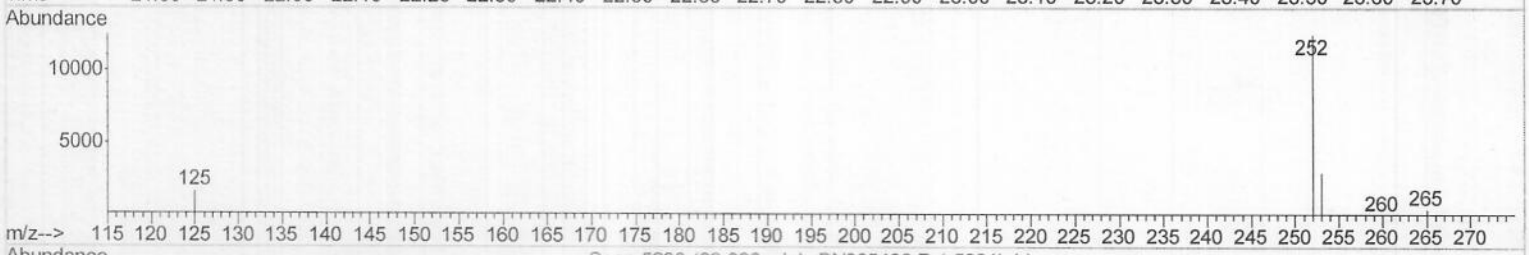
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

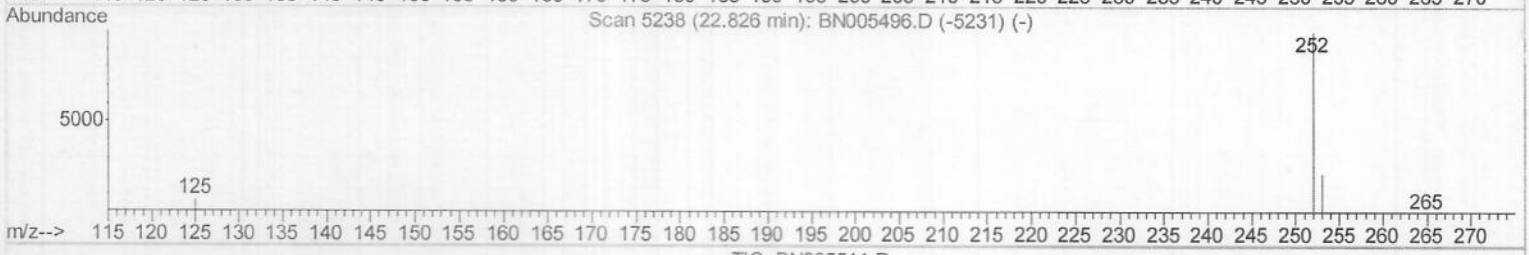
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(22) Benzo(k)fluoranthene

22.773min (-0.053) 0.65ng/ul

response 29710

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.93
125.00	9.50	13.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

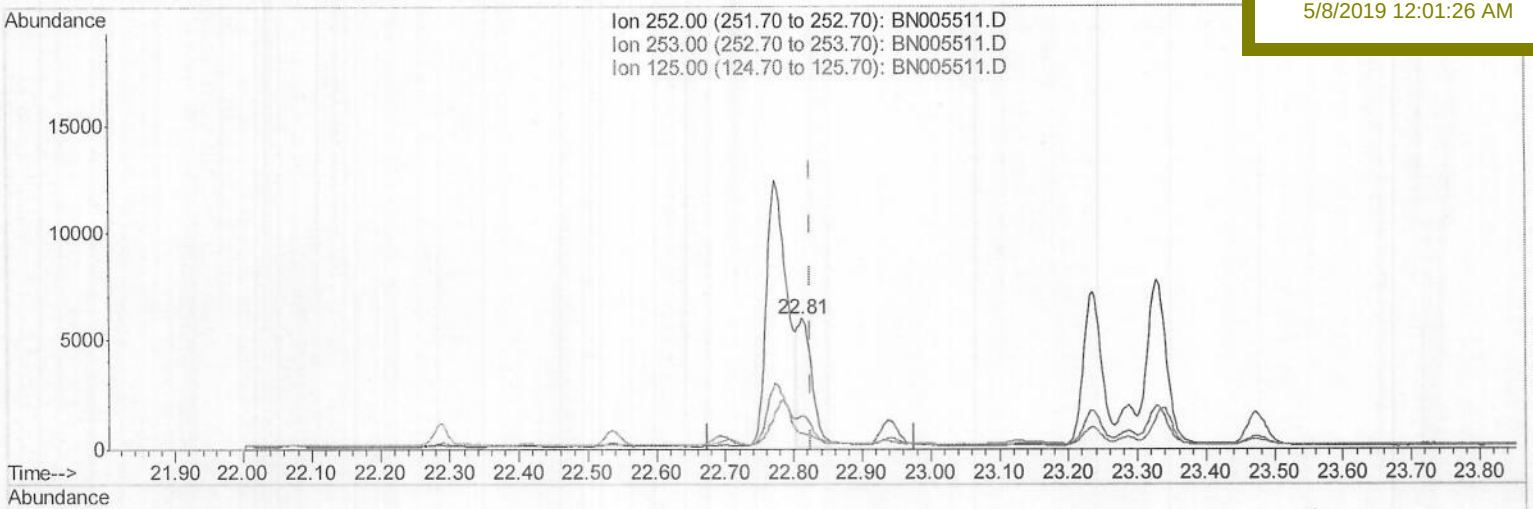
Quantitation Report (Qedit)

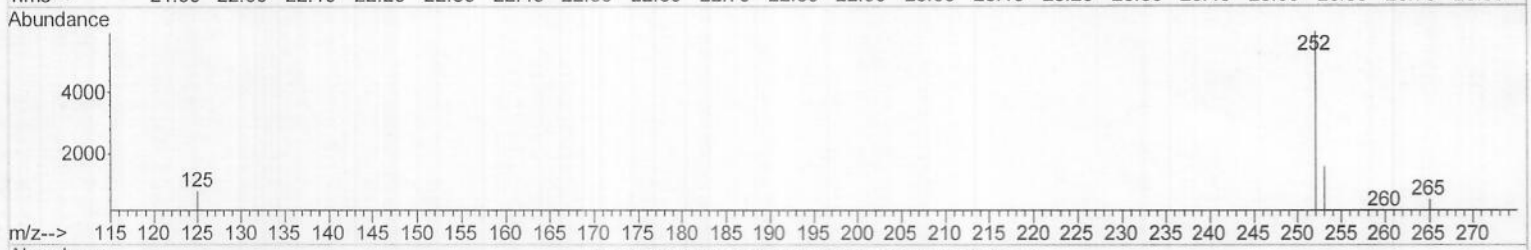
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

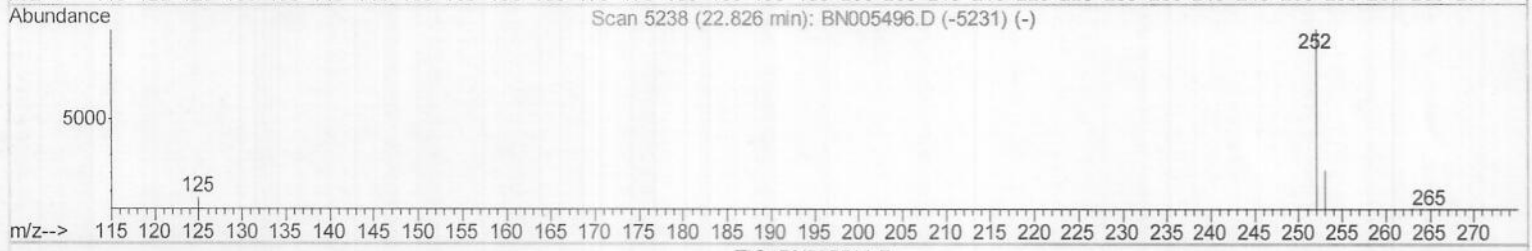
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(22) Benzo(k)fluoranthene

22.811min (-0.015) 0.19ng/ul m > JU 05/08/19

response 8769

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	25.64
125.00	9.50	12.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

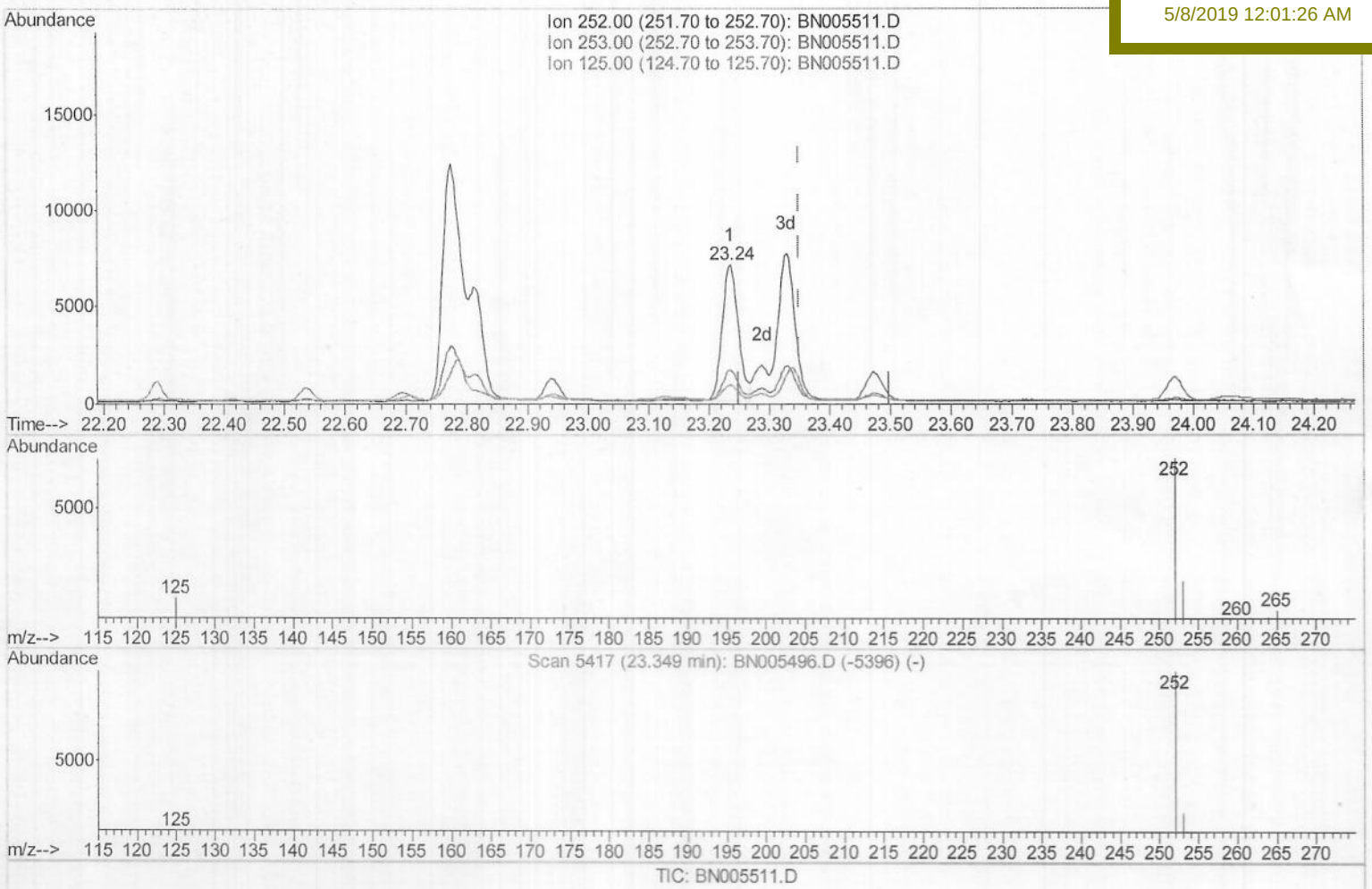
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



(23) Benzo(a)pyrene (C)

23.235min (-0.114) 0.32ng/ul

response 12971

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.57
125.00	12.60	13.84
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

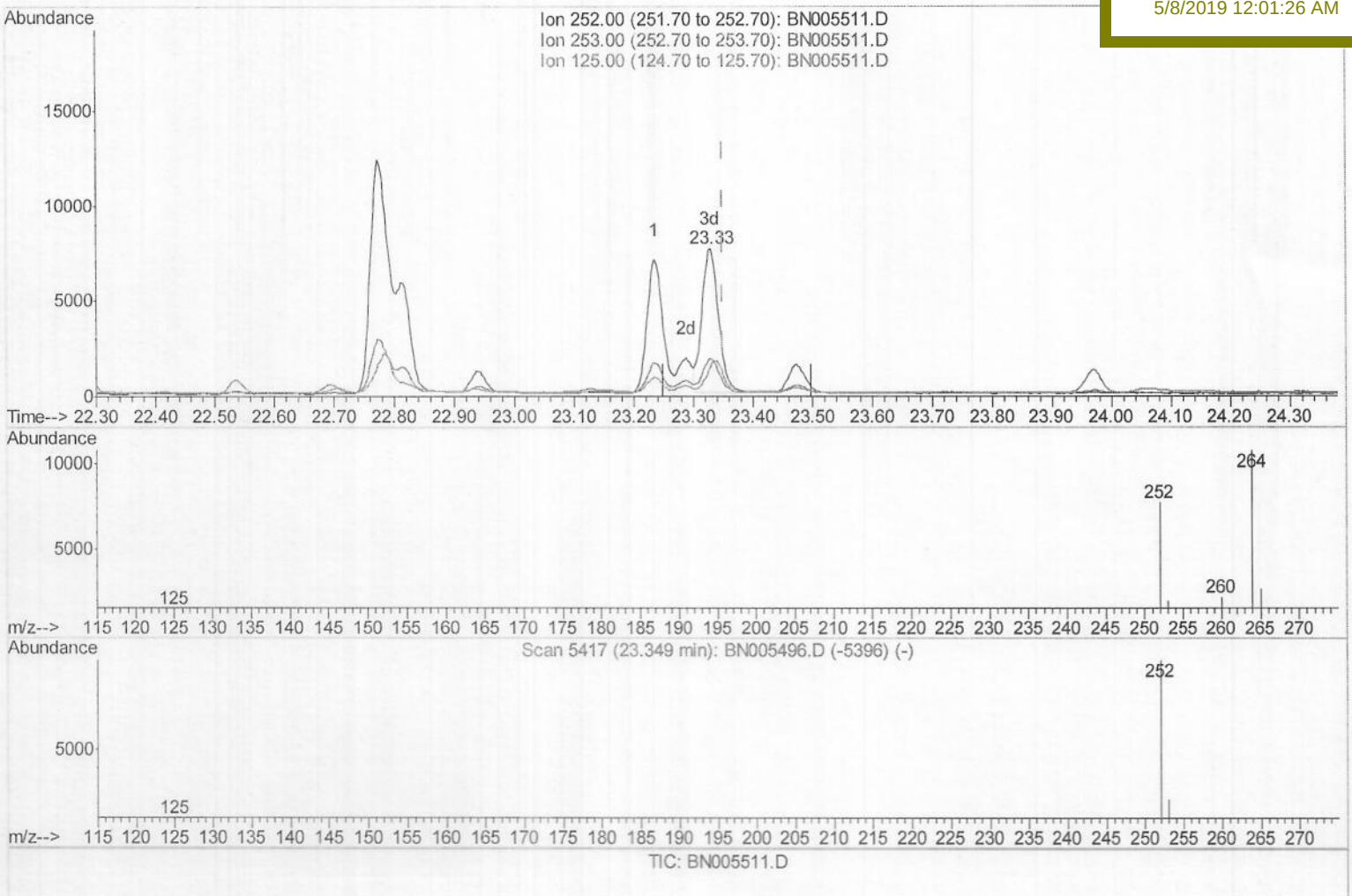
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

(23) Benzo(a)pyrene (C)

23.329min (-0.020) 0.36ng/ul m > JU05/08/19

response 14498

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	25.57
125.00	12.60	19.79#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

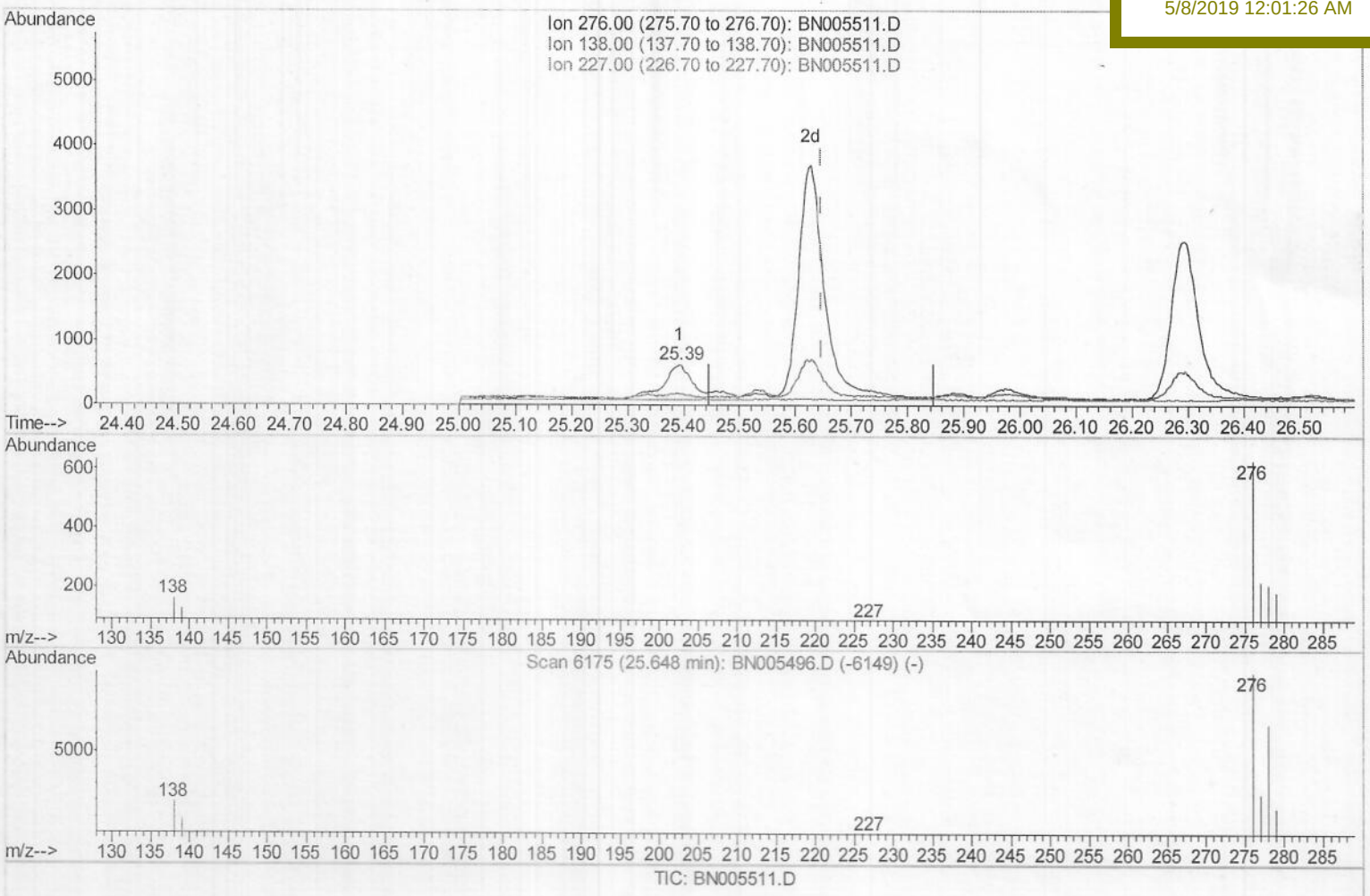
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

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

25.393min (-0.255) 0.04ng/ul

response 1649

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	9.88#
227.00	0.10	0.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

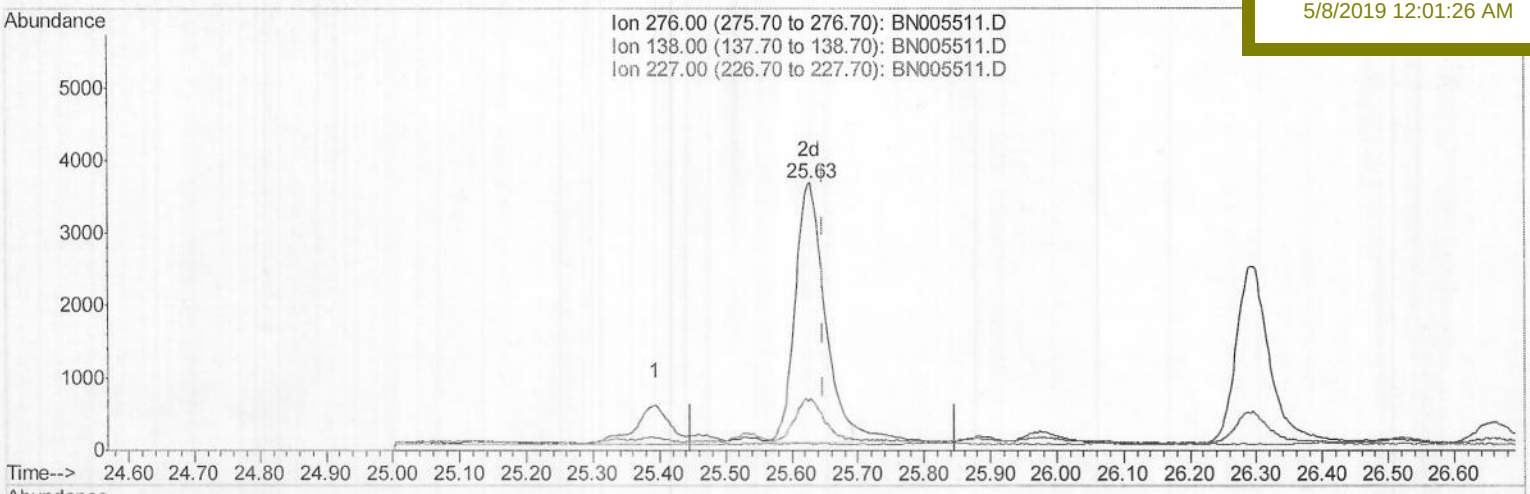
Quantitation Report (Qedit)

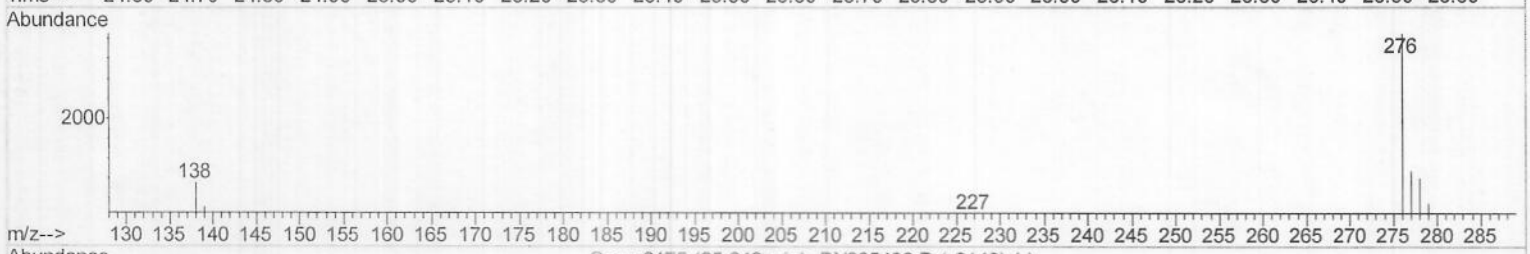
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

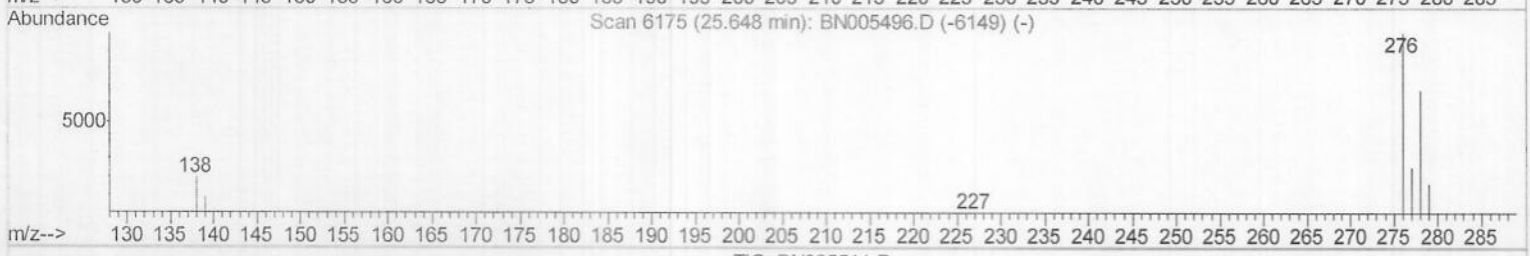
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

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

25.628min (-0.020) 0.24ng/ul m JU 05/08/19

response 10841

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	1.50#
227.00	0.10	0.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

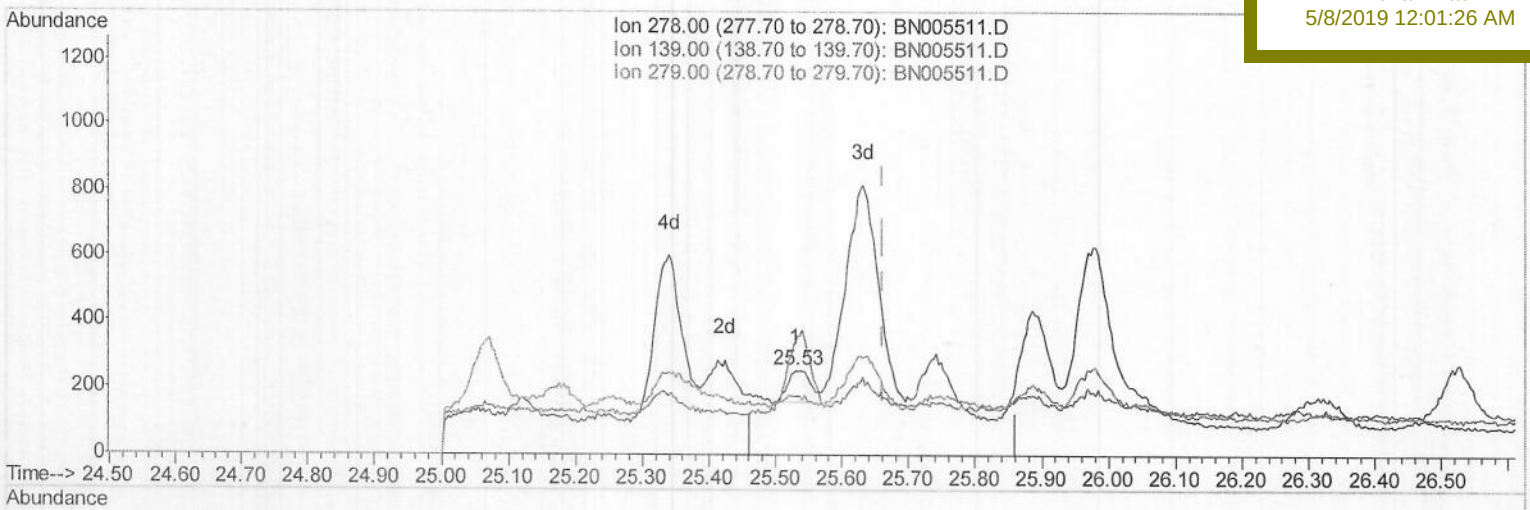
Quantitation Report (Qedit)

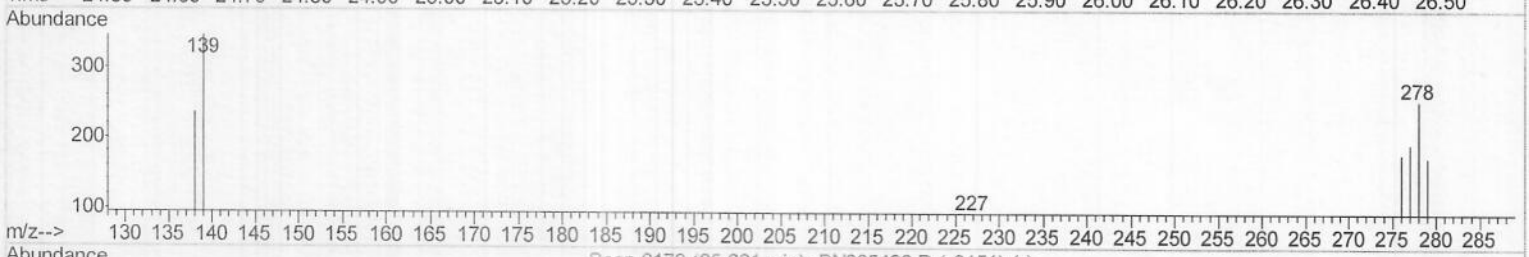
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

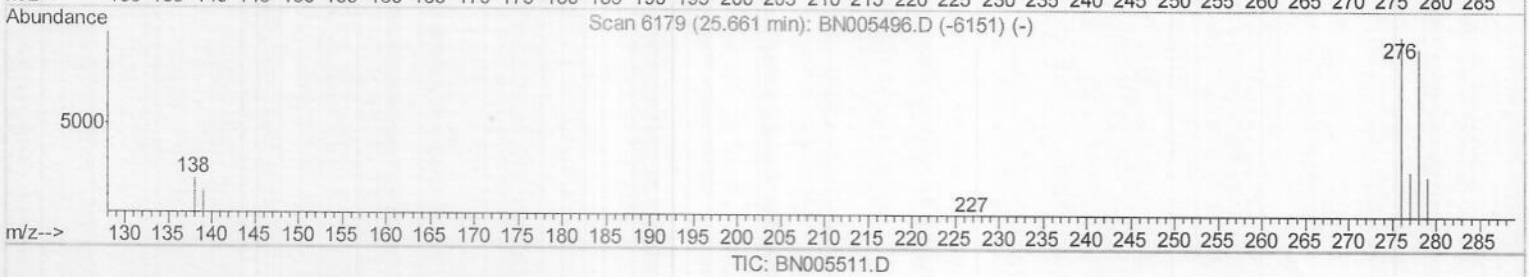
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(25) Dibenzo(a,h)anthracene

25.531min (-0.131) 0.01ng/ul

response 240

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	136.22#
279.00	26.20	68.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

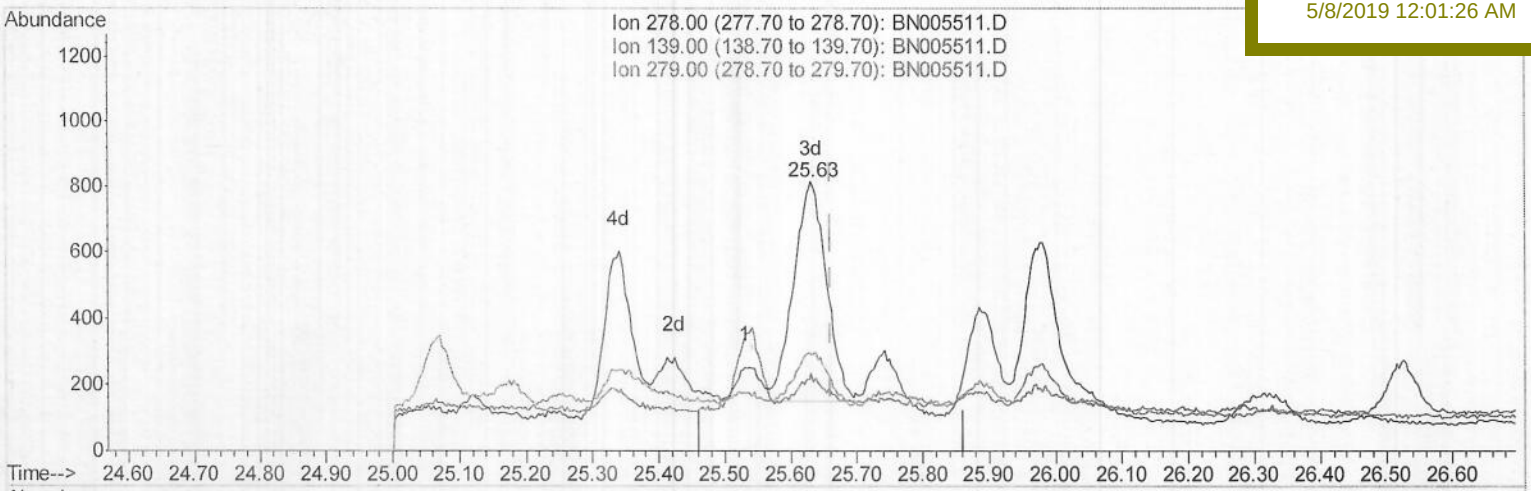
Quantitation Report (Qedit)

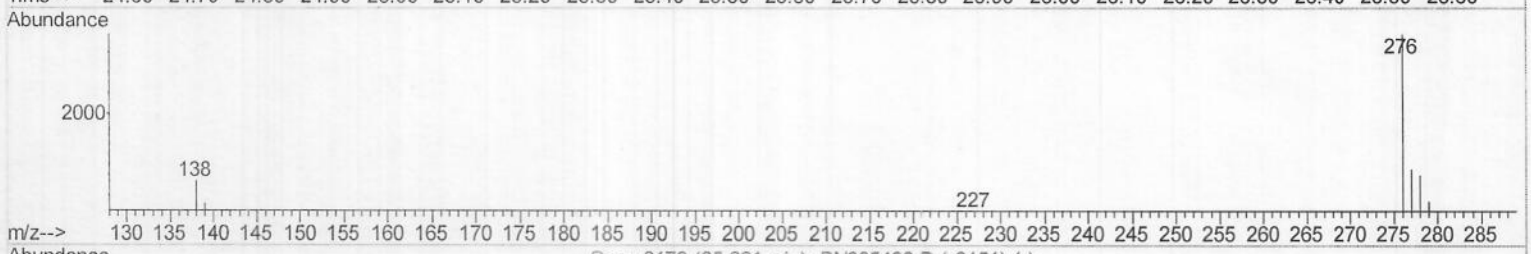
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

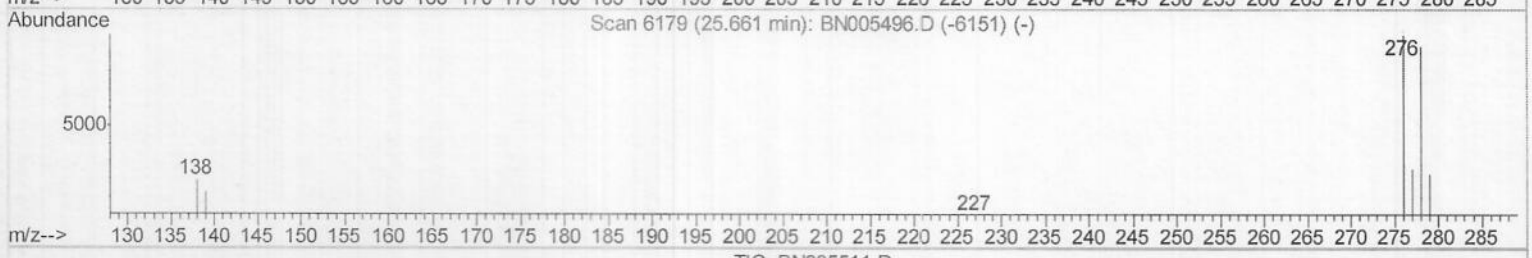
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

(25) Dibenzo(a,h)anthracene

25.631min (-0.030) 0.06ng/ul m > JU05|08|19

response 2296

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	28.68#
279.00	26.20	35.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

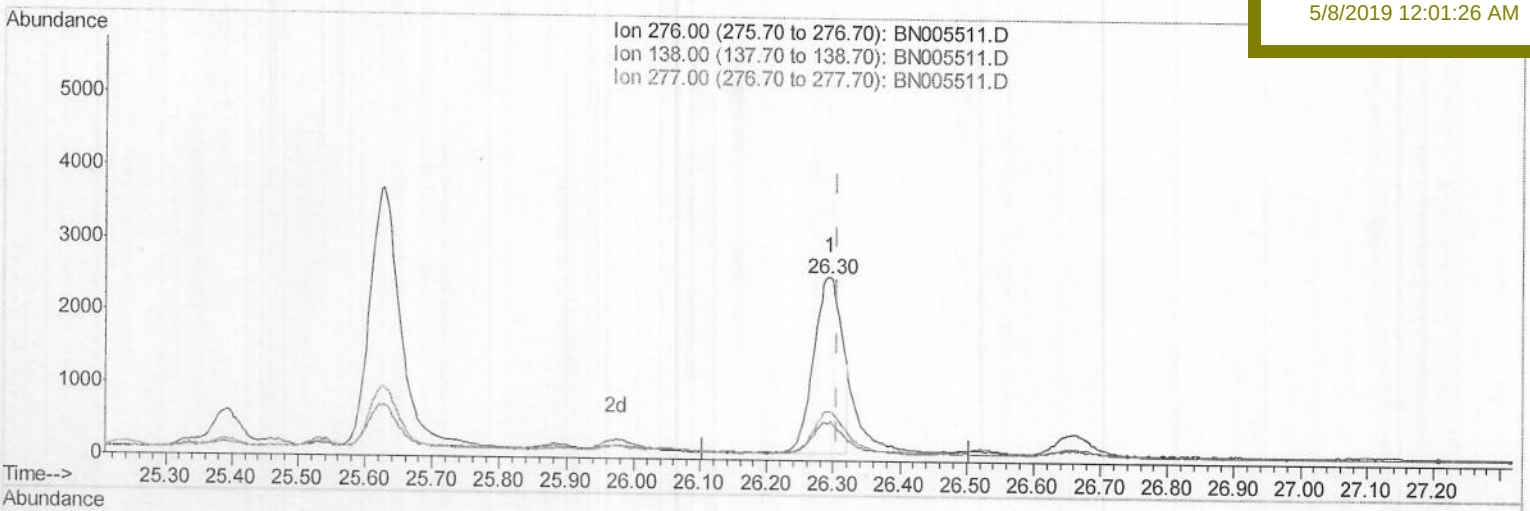
Quantitation Report (Qedit)

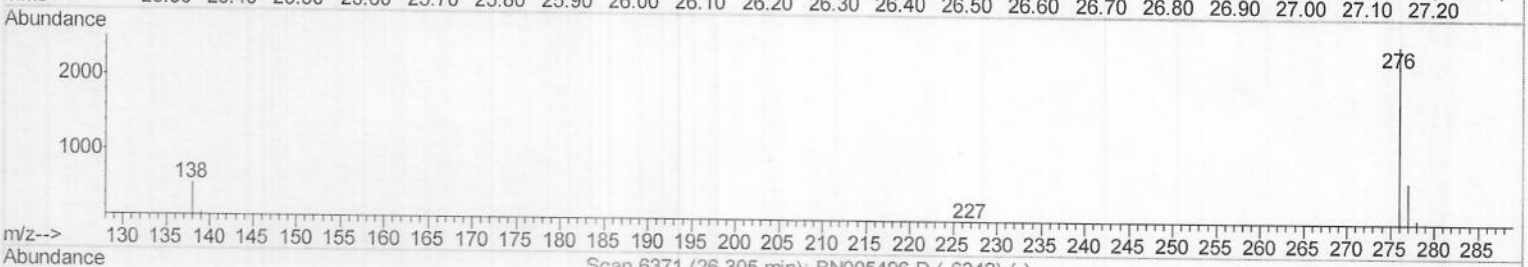
Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

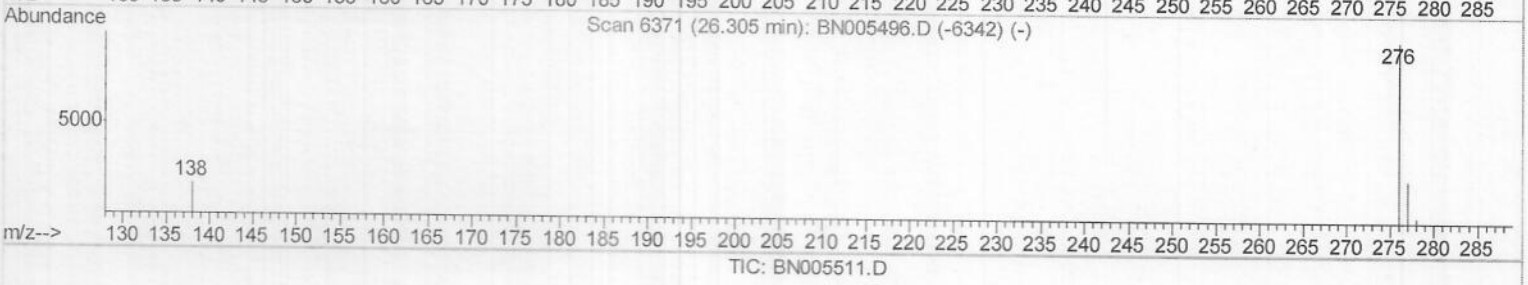
Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM







TIC: BN005511.D

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

26.295min (-0.010) 0.18ng/ul

response 6982

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	21.22
277.00	25.80	26.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

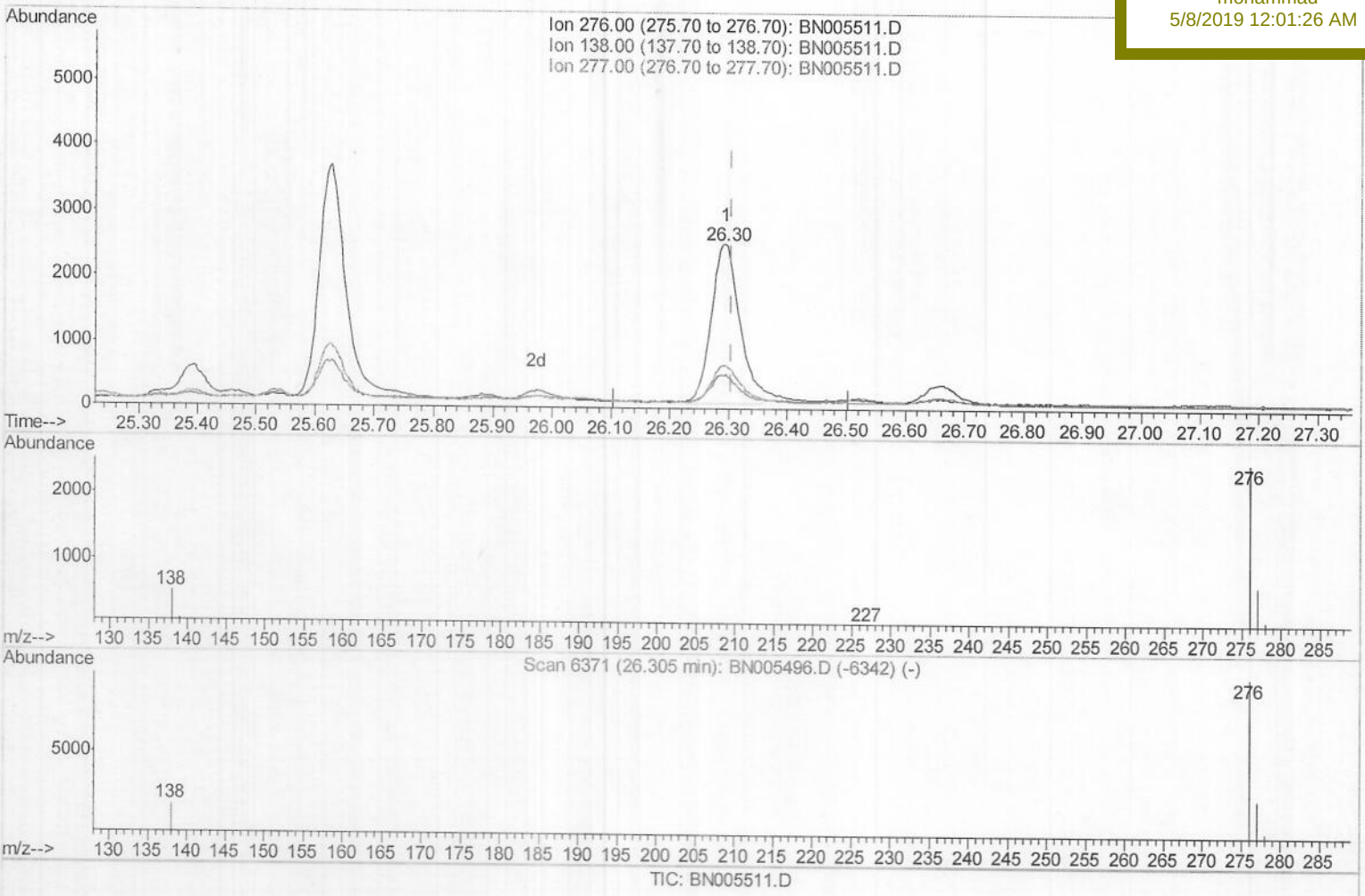
Quantitation Report (Qedit)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:05:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM



TIC: BN005511.D

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

26.295min (-0.010) 0.21ng/ul m JU05/08/19

response 8282

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	21.22
277.00	25.80	26.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (QT Reviewed)

Data File : BN005511.D
Acq On : 07 May 2019 06:14
Operator : JU/SJ
Sample : K2403-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 08:07:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A5134

Manual Integrations APPROVED
mohammad
5/8/2019 12:01:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2097	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8508	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5550	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	13423m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	13635m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	12119m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3428	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	10200m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	1722	0.076	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	1318	0.086	ng/ul	94
7) Acenaphthylene	13.94	152	2350	0.084	ng/ul	95
9) Fluorene	15.28	166	3262	0.141	ng/ul	98
12) Phenanthrene	17.02	178	30014	0.821	ng/ul	99
13) Anthracene	17.11	178	2592m	0.071	ng/ul	
15) Fluoranthene	19.06	202	30652m	0.606	ng/ul	
17) Pyrene	19.42	202	28756m	0.571	ng/ul	
18) Benzo(a)anthracene	21.20	228	11393	0.242	ng/ul	96
19) Chrysene	21.26	228	18427	0.319	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	25151m	0.690	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	8769m	0.192	ng/ul	
23) Benzo(a)pyrene	23.33	252	14498m	0.356	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	10841m	0.238	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	2296m	0.061	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	8282m	0.213	ng/ul	

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

5/05/08/19