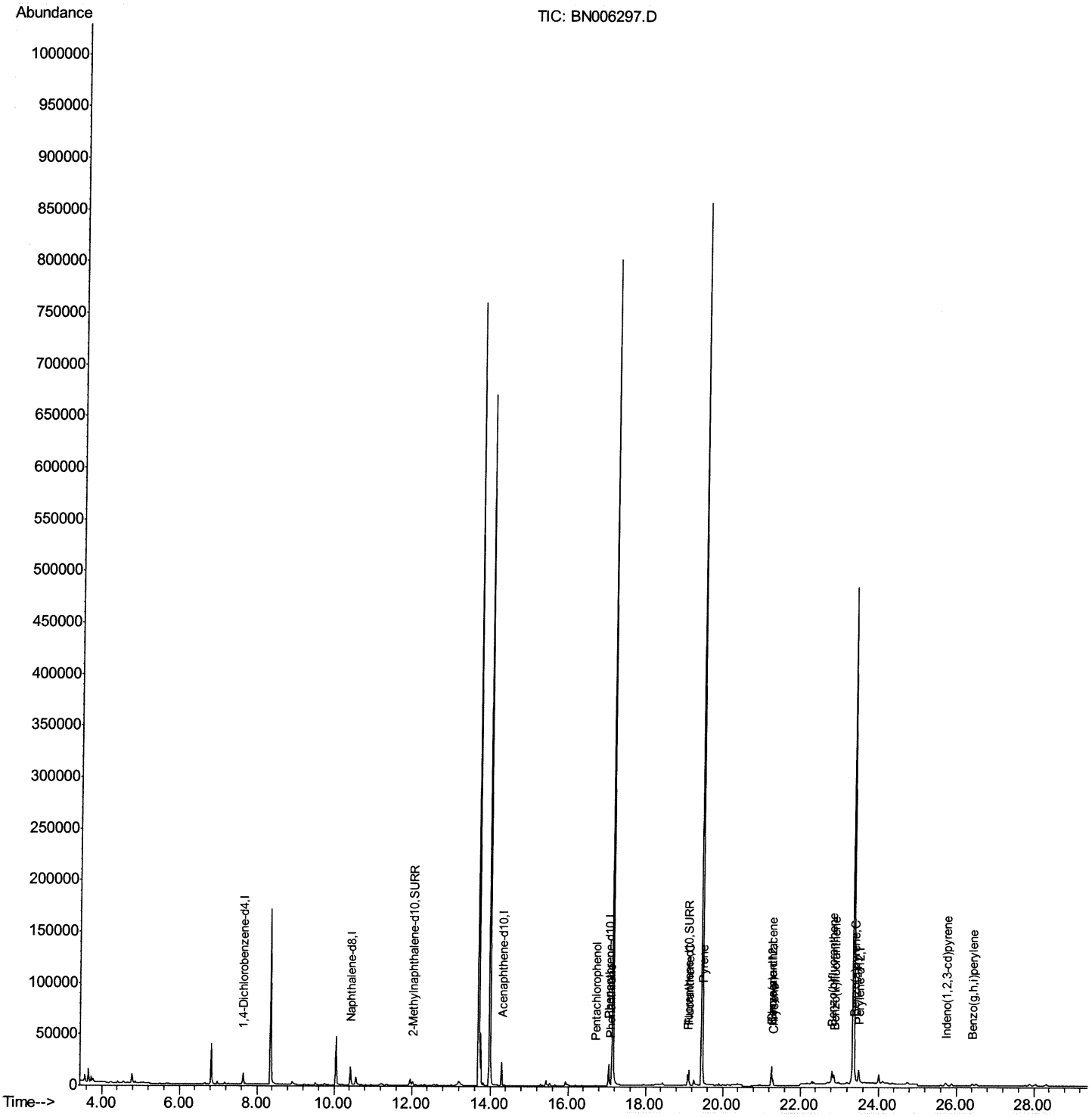
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 04:00:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



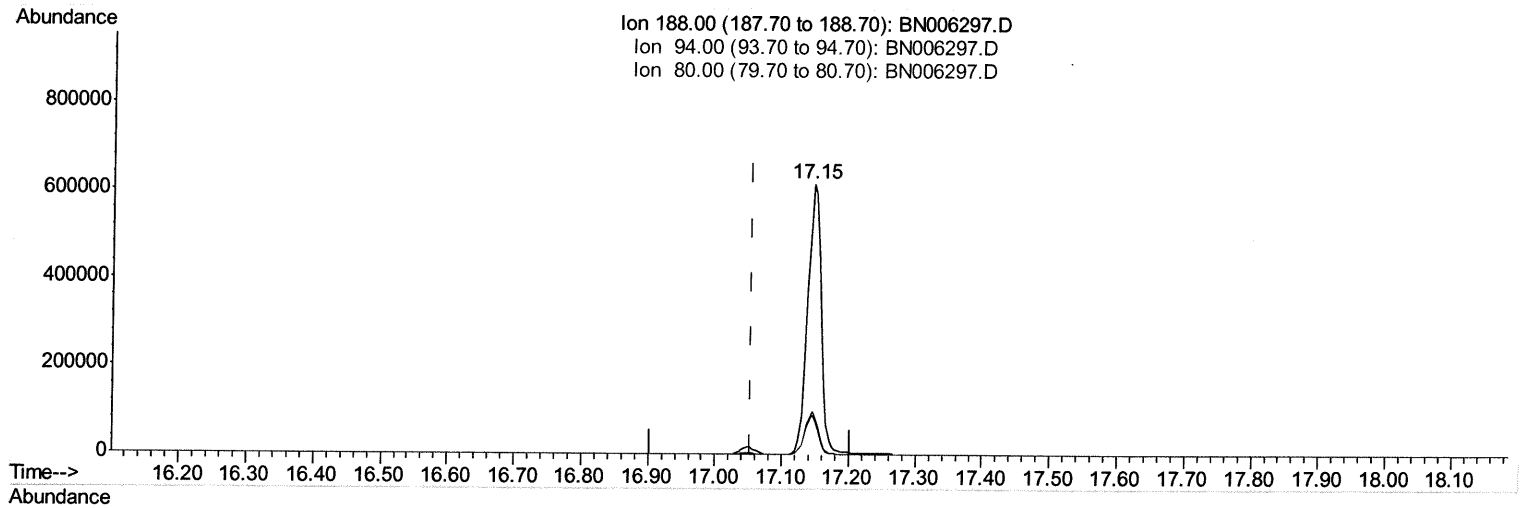
Quantitation Report (Qedit)

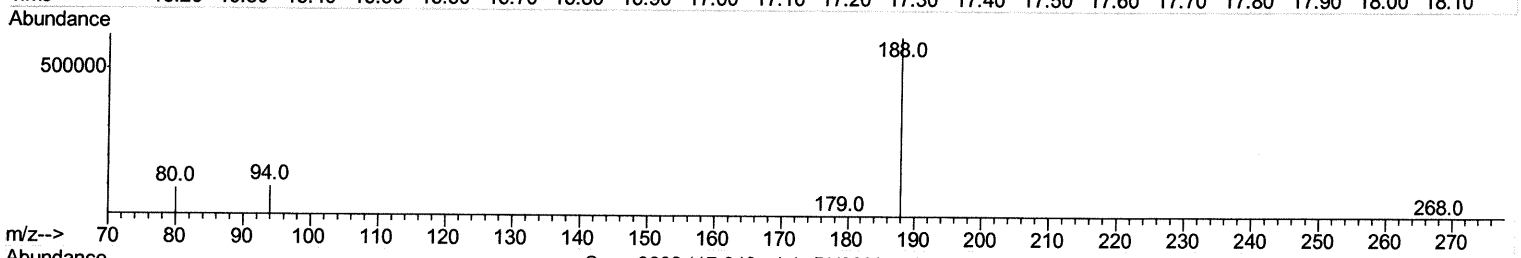
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

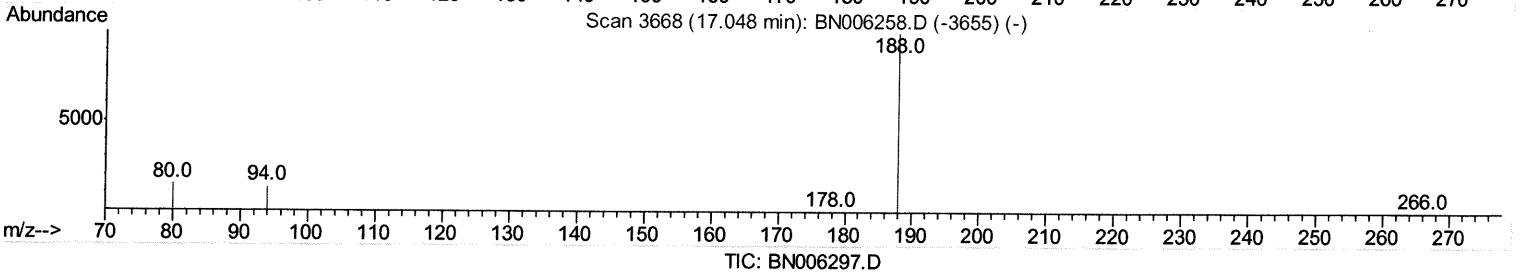
Quant Time: Jun 13 02:31:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 867776

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.79#
80.00	13.60	14.55
0.00	0.00	0.00

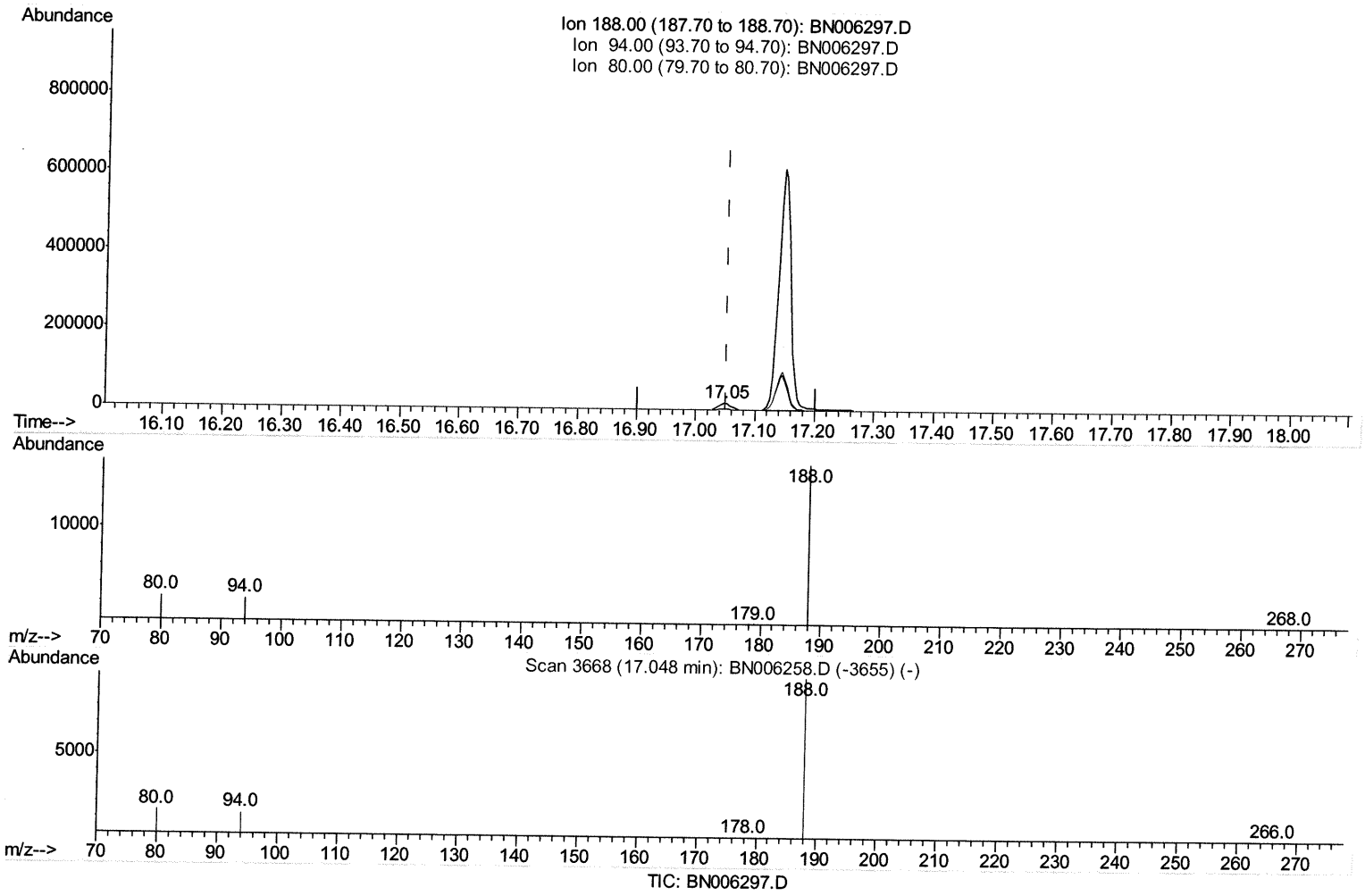
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 02:31:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(10) Phenanthrene-d10 (I) JU 06/13/19

17.048min (-0.005) 0.40ng/ul m

response 25437

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.13
80.00	13.60	15.46
0.00	0.00	0.00

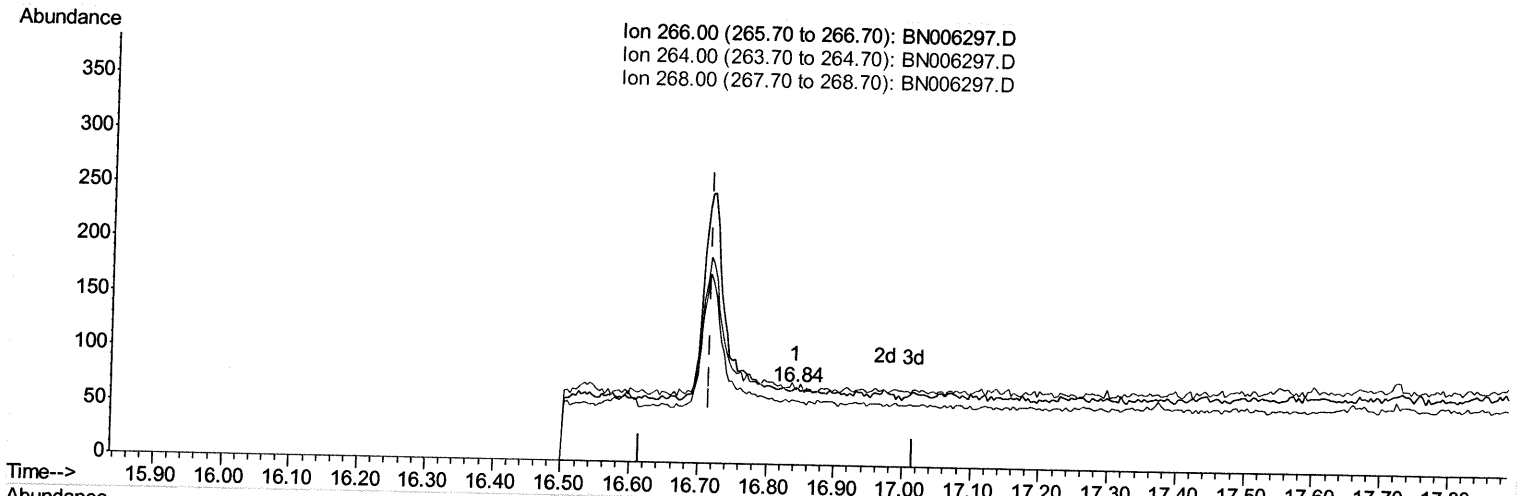
Quantitation Report (Qedit)

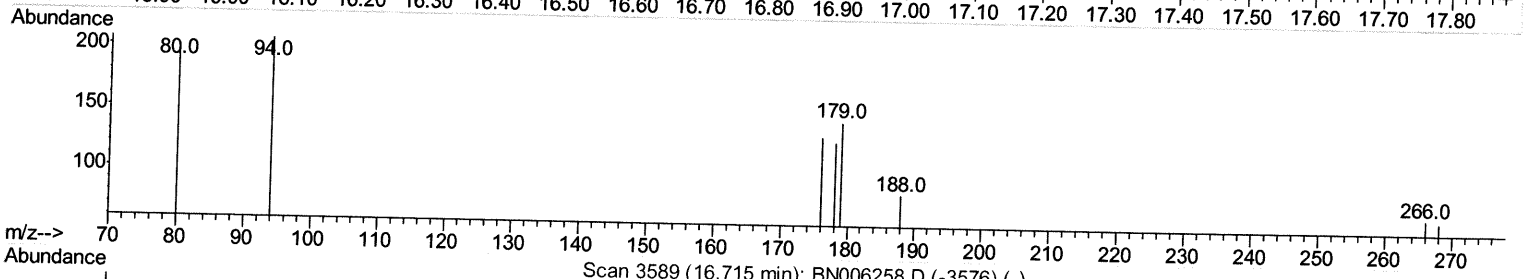
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

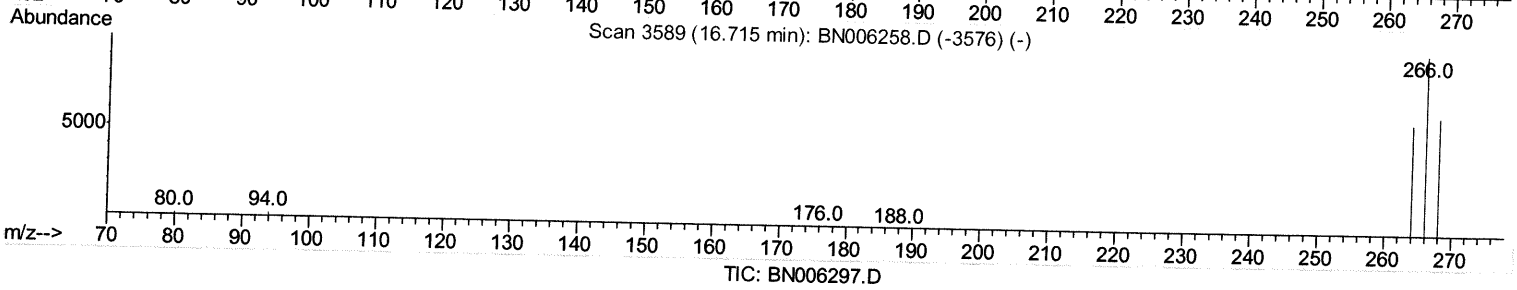
Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM





Scan 3589 (16.715 min): BN006258.D (-3576) (-)



TIC: BN006297.D

(11) Pentachlorophenol

16.841min (+0.126) 0.00ng/ul

response 9

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

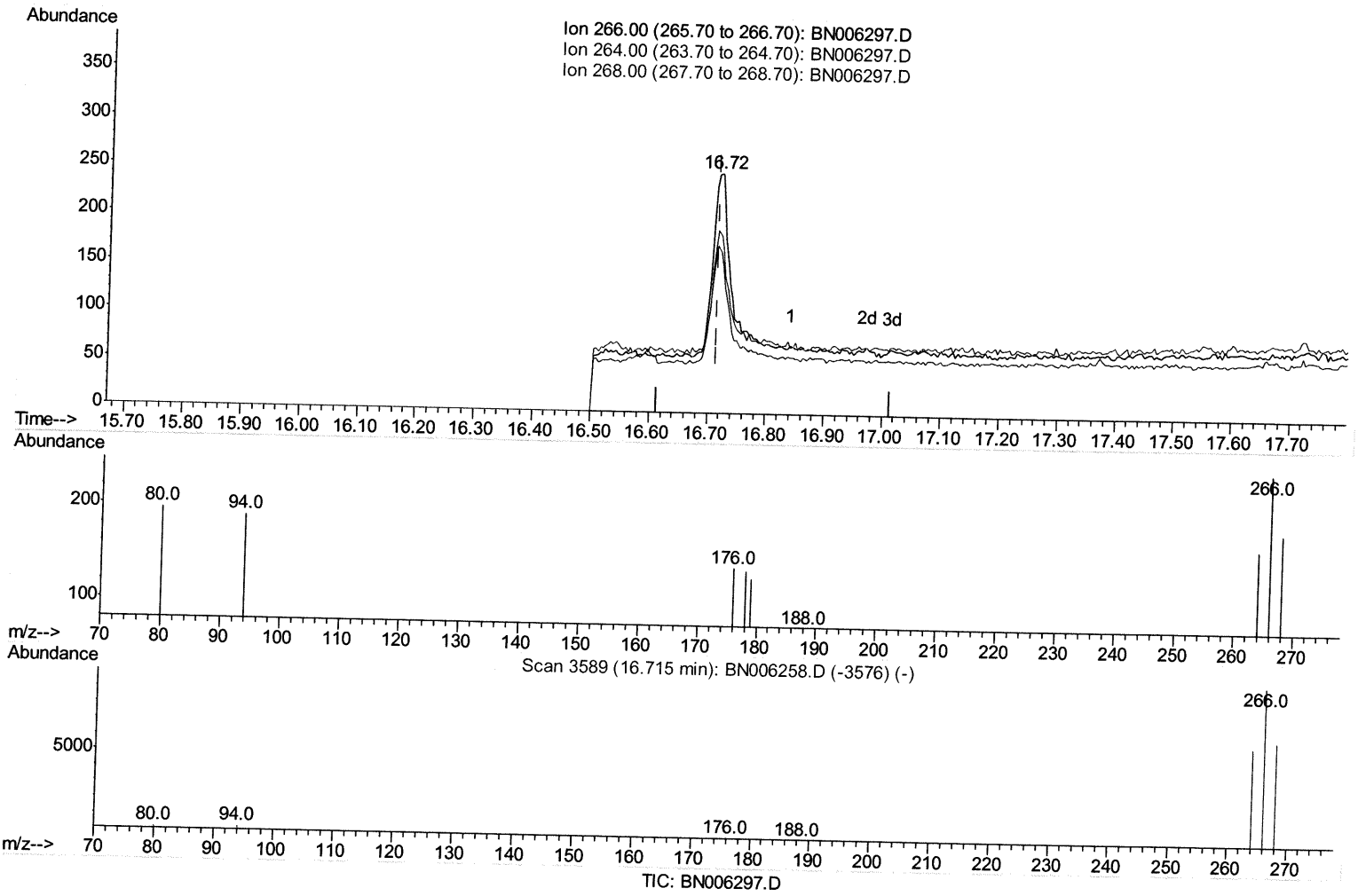
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(11) Pentachlorophenol

16.719min (+0.004) 0.07ng/ul m JU 06/13/19

response 437

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

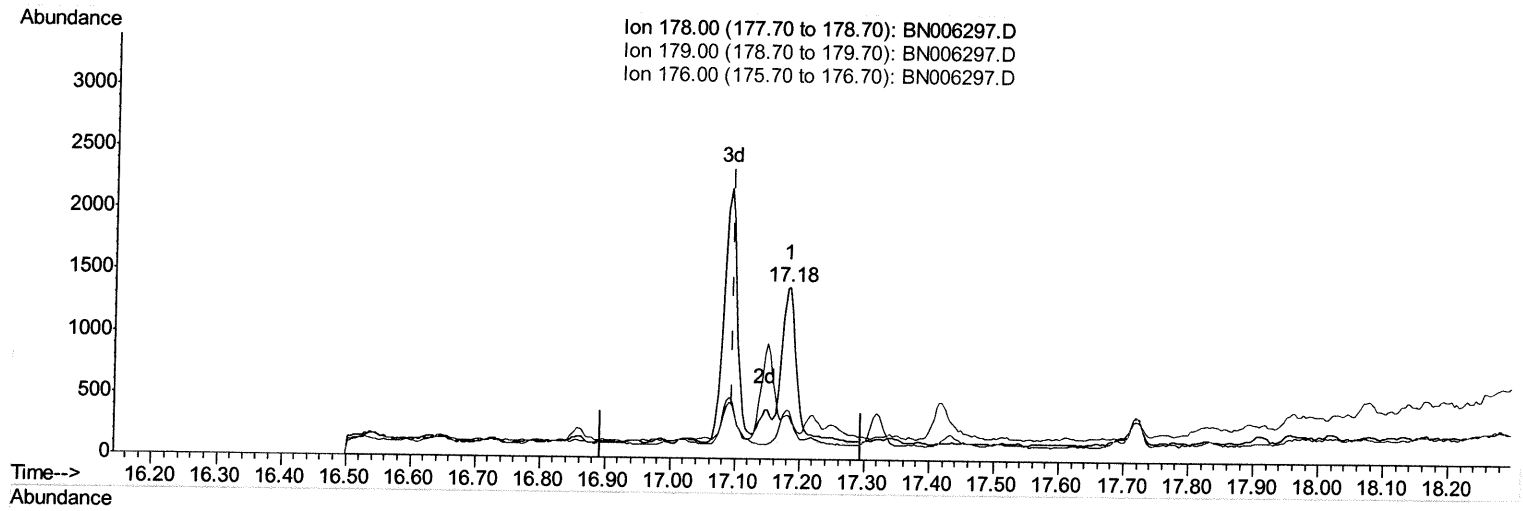
Quantitation Report (Qedit)

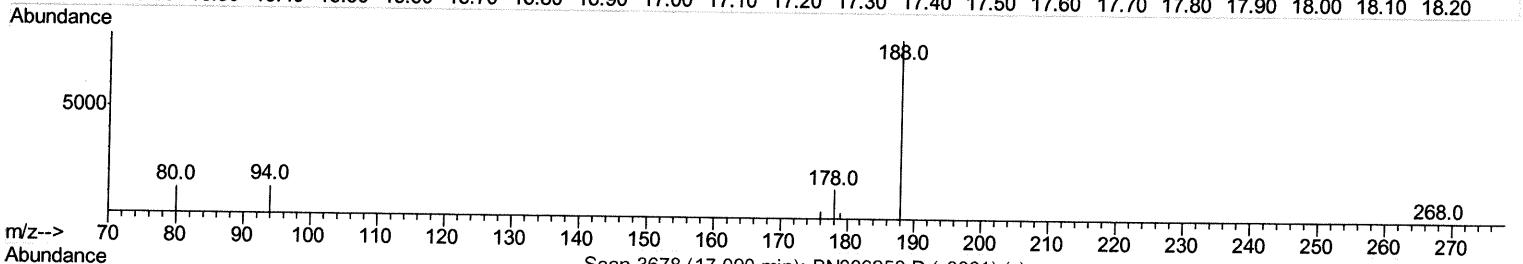
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

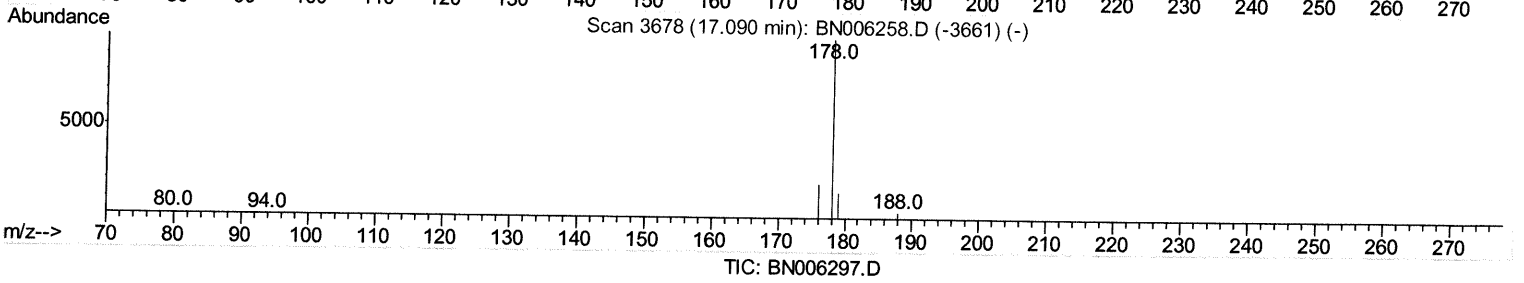
Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







TIC: BN006297.D

(12) Phenanthrene

17.183min (+0.088) 0.03ng/ul

response 2087

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	24.87#
176.00	19.10	27.45#
0.00	0.00	0.00

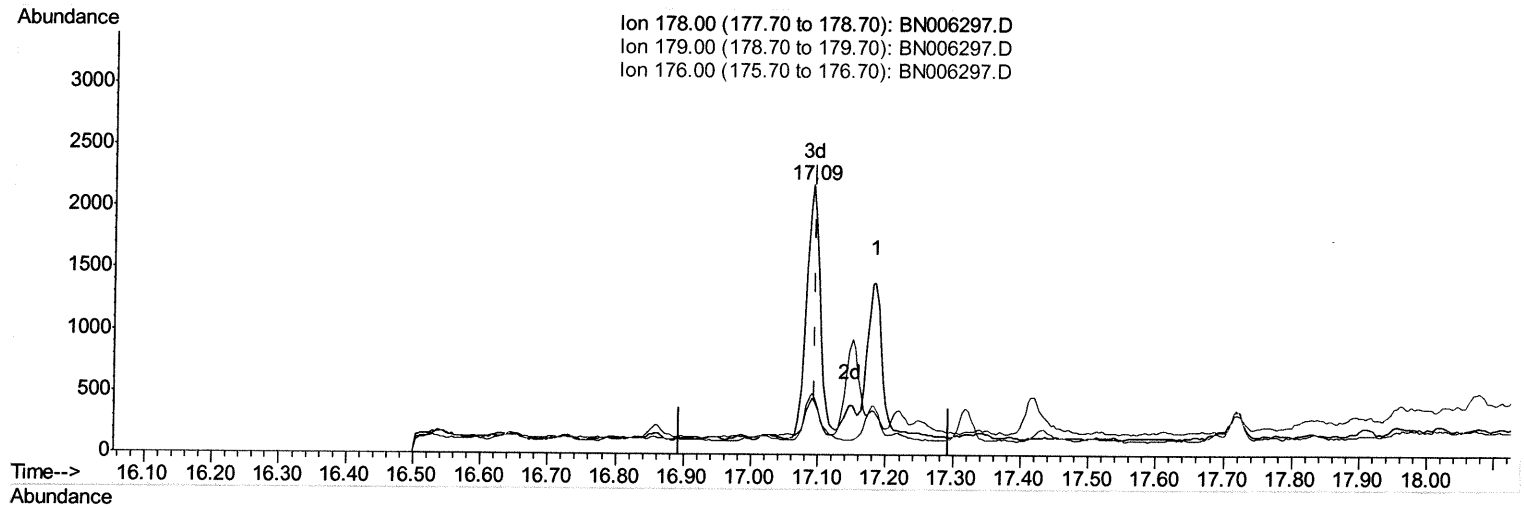
Quantitation Report (Qedit)

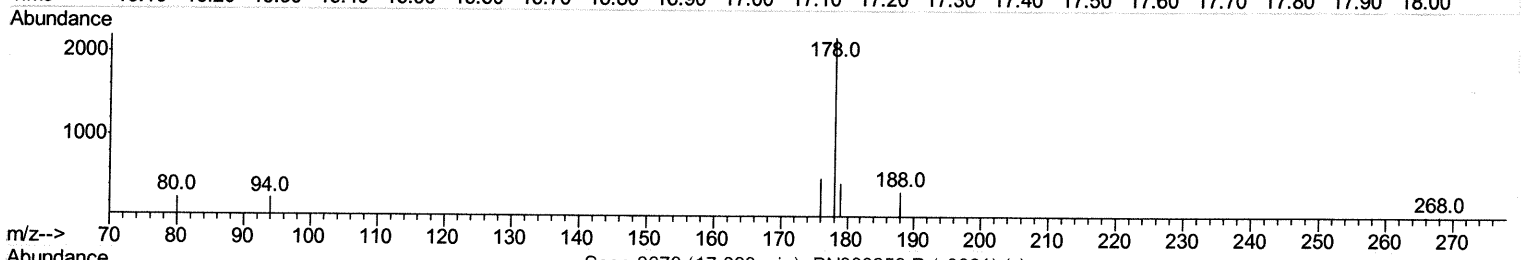
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

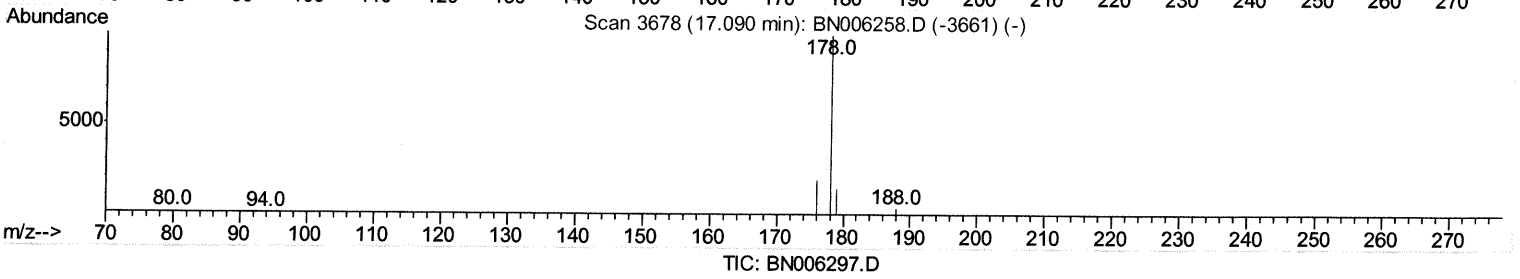
Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







TIC: BN006297.D

(12) Phenanthrene

17.090min (-0.005) 0.04ng/ul m JU 06/13/19

response 2953

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.87#
176.00	19.10	22.97#
0.00	0.00	0.00

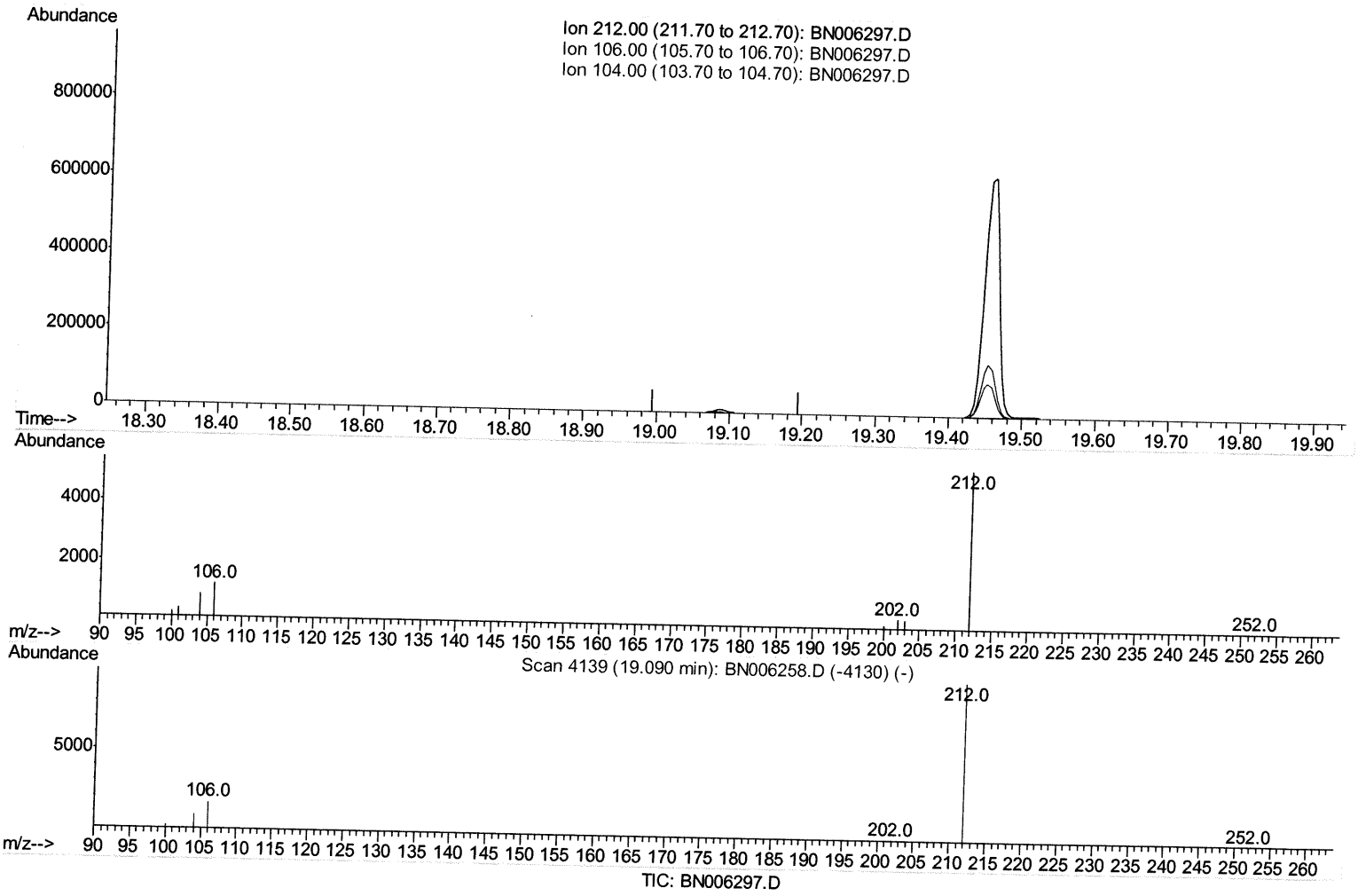
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(14) Fluoranthene-d10 (SURR)

19.095min (-19.095) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

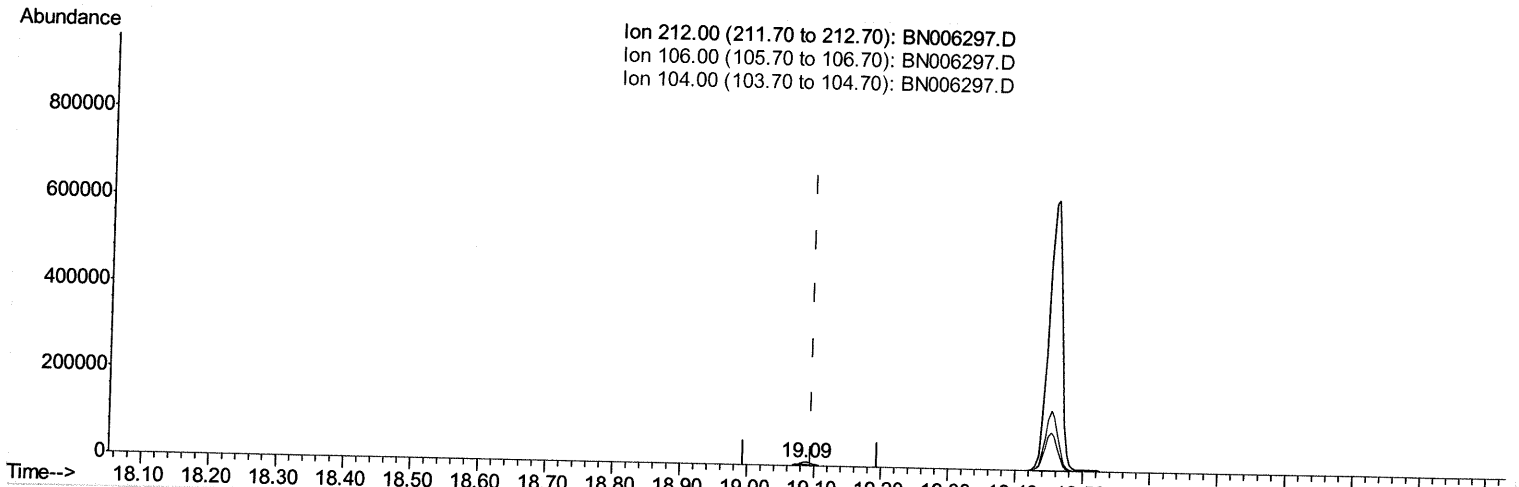
Quantitation Report (Qedit)

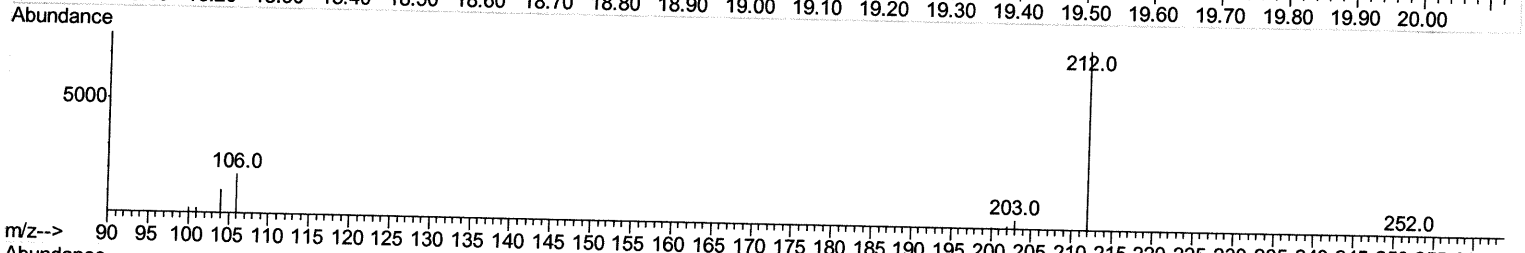
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

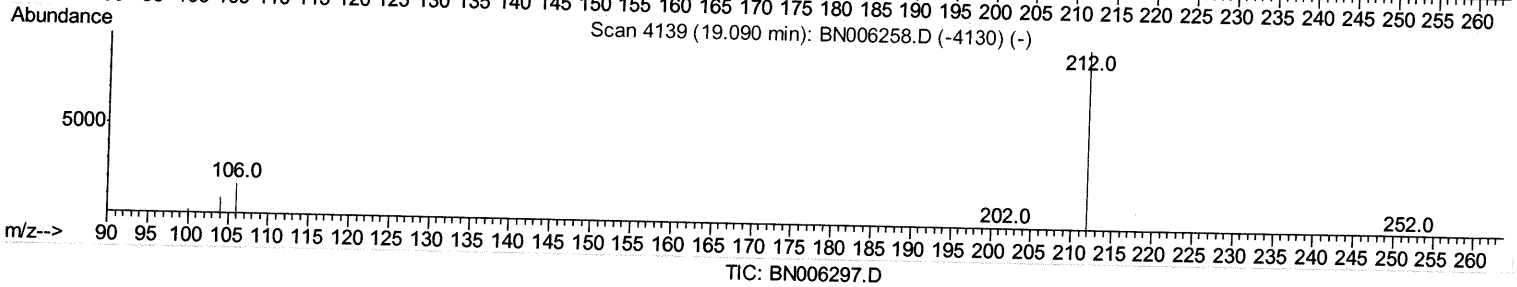
Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







(14) Fluoranthene-d10 (SURR)

19.085min (-0.010) 0.15ng/ul m JU 06/13/19

response 10494

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

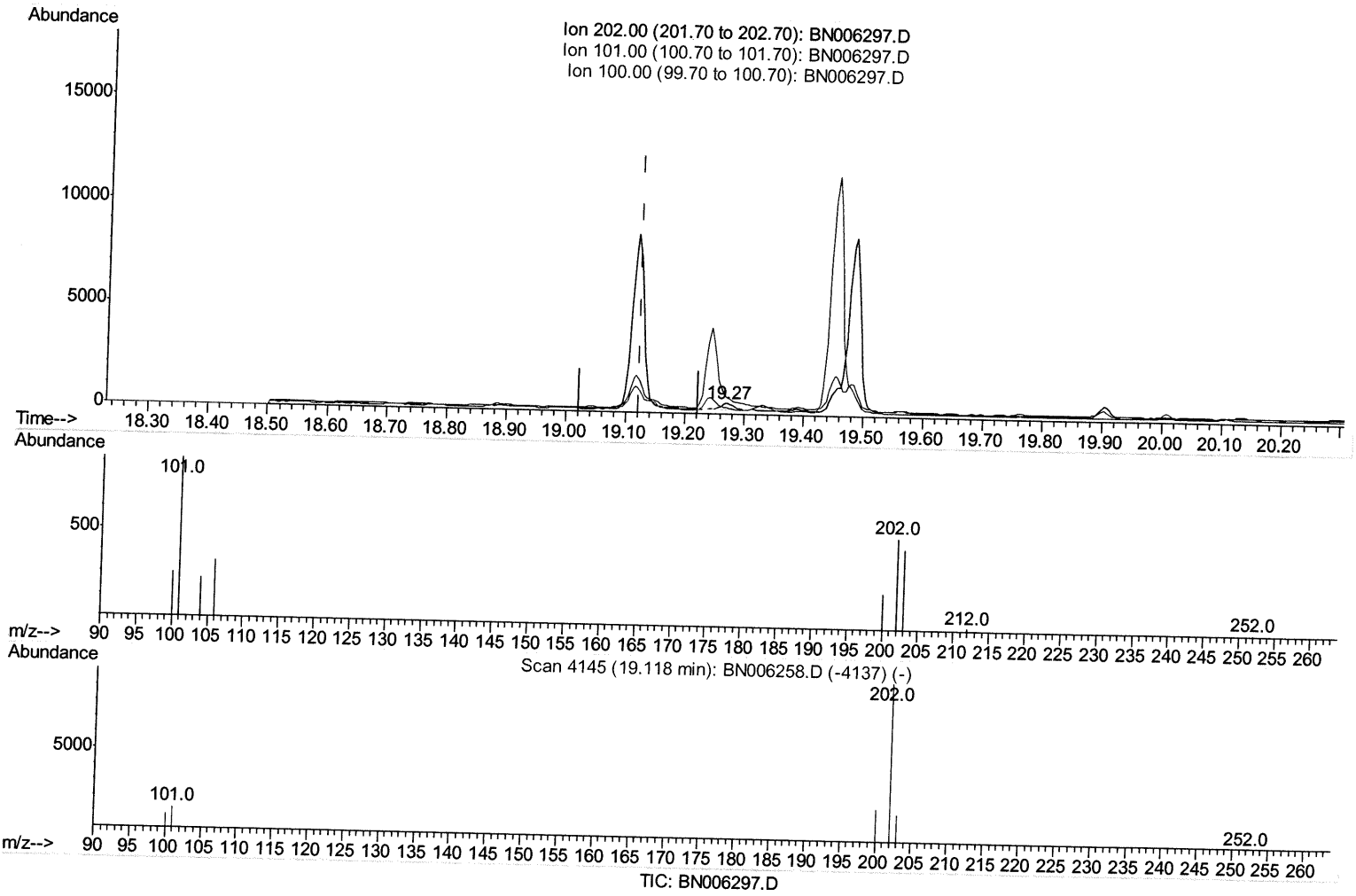
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(15) Fluoranthene (C)

19.271min (+0.148) 0.00ng/ul

response 434

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	159.53#
100.00	8.70	58.56#
0.00	0.00	0.00

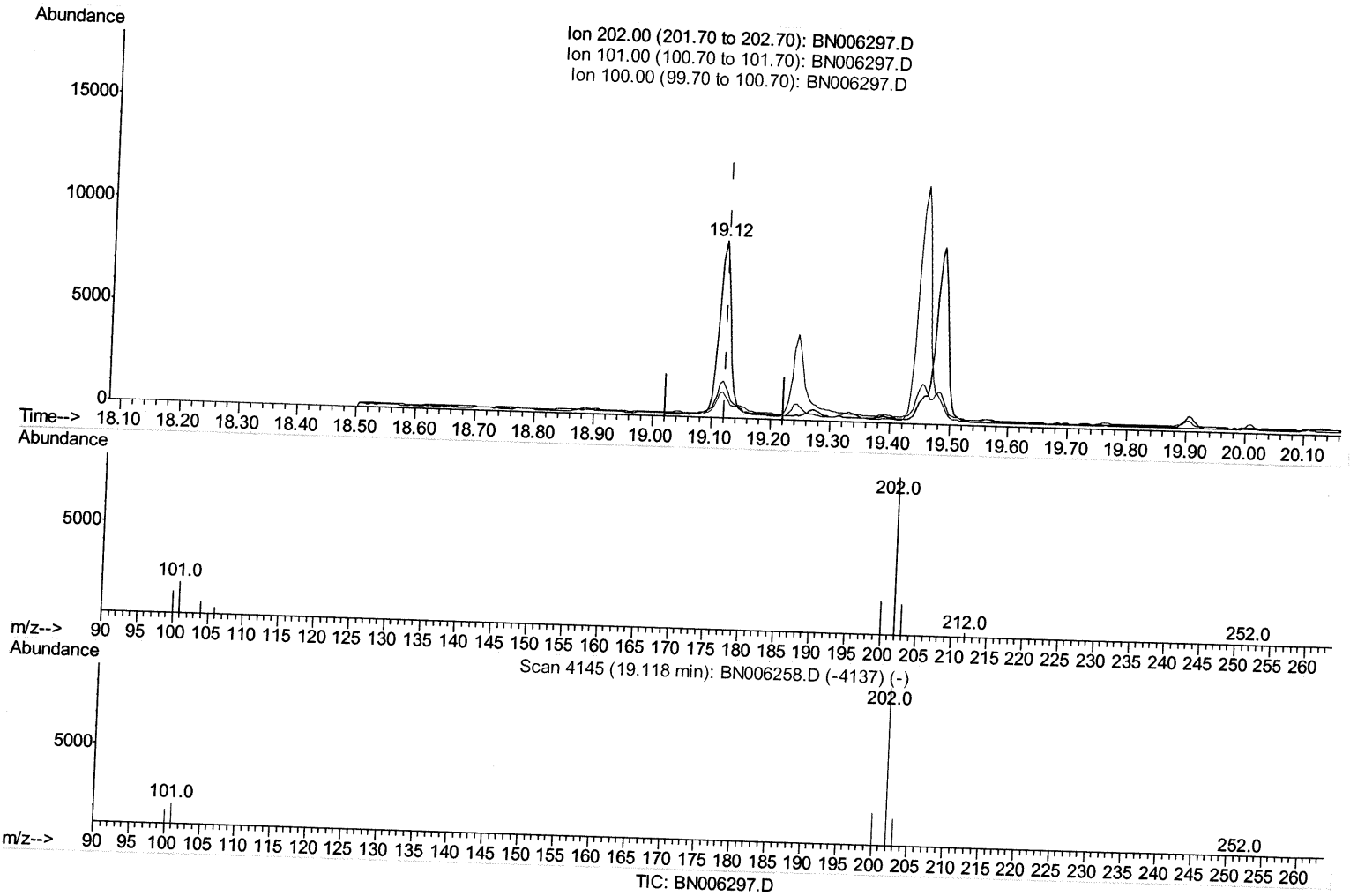
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(15) Fluoranthene (C)

19.118min (-0.005) 0.13ng/ul m JU 06/13/19

response 11568

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	20.61
100.00	8.70	14.73
0.00	0.00	0.00

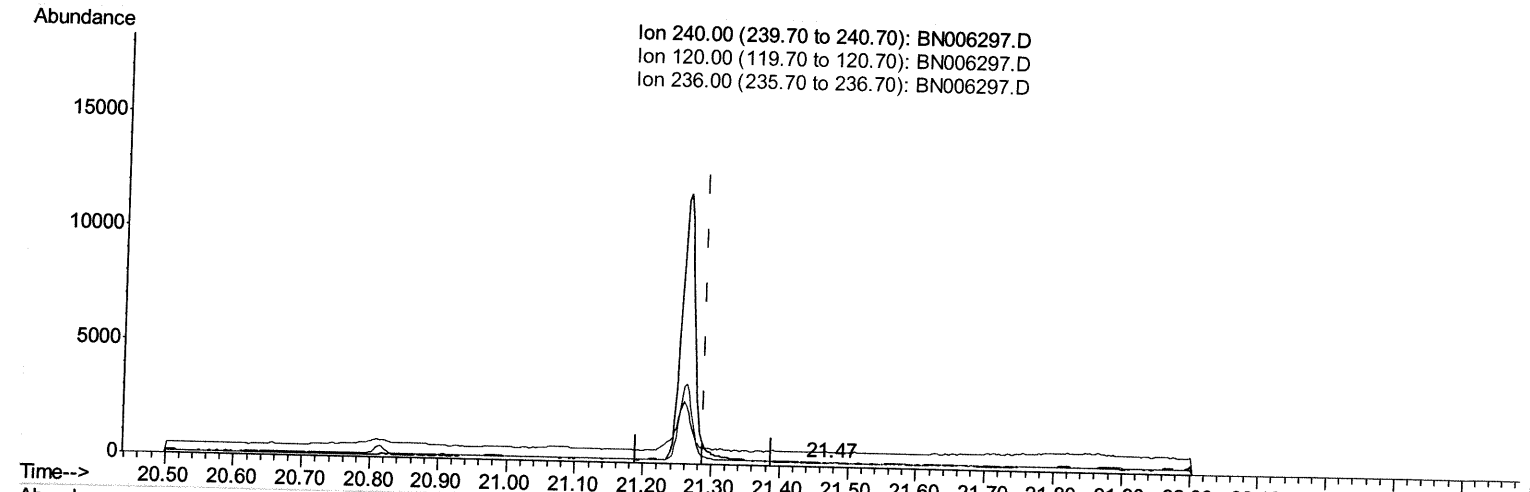
Quantitation Report (Qedit)

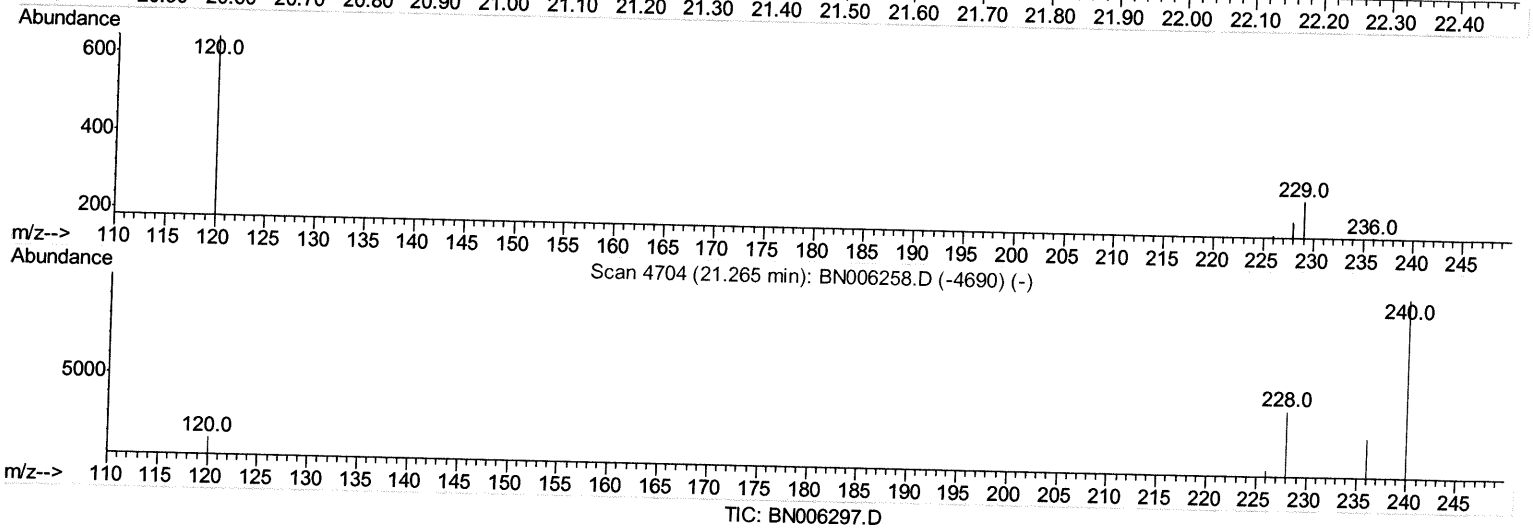
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM





(16) Chrysene-d12 (I)

21.473min (+0.184) 0.40ng/ul

response 8

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	352.20#
236.00	30.10	101.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
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ALS Vial : 25 Sample Multiplier: 1

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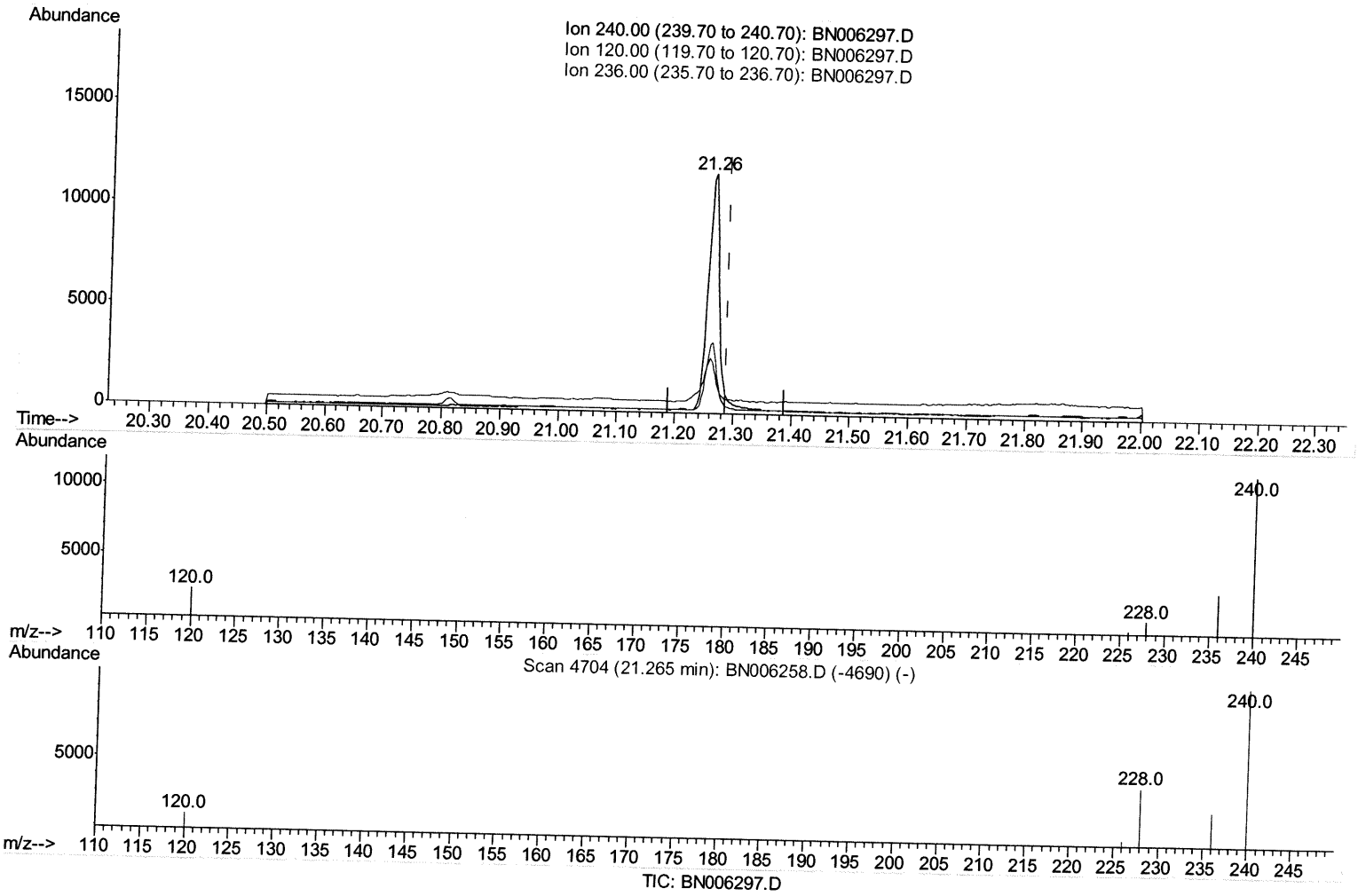
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



TIC: BN006297.D

(16) Chrysene-d12 (I)

21.262min (-0.027) 0.40ng/ul m JU 06/13/19

response 16181

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.31
236.00	30.10	29.42
0.00	0.00	0.00

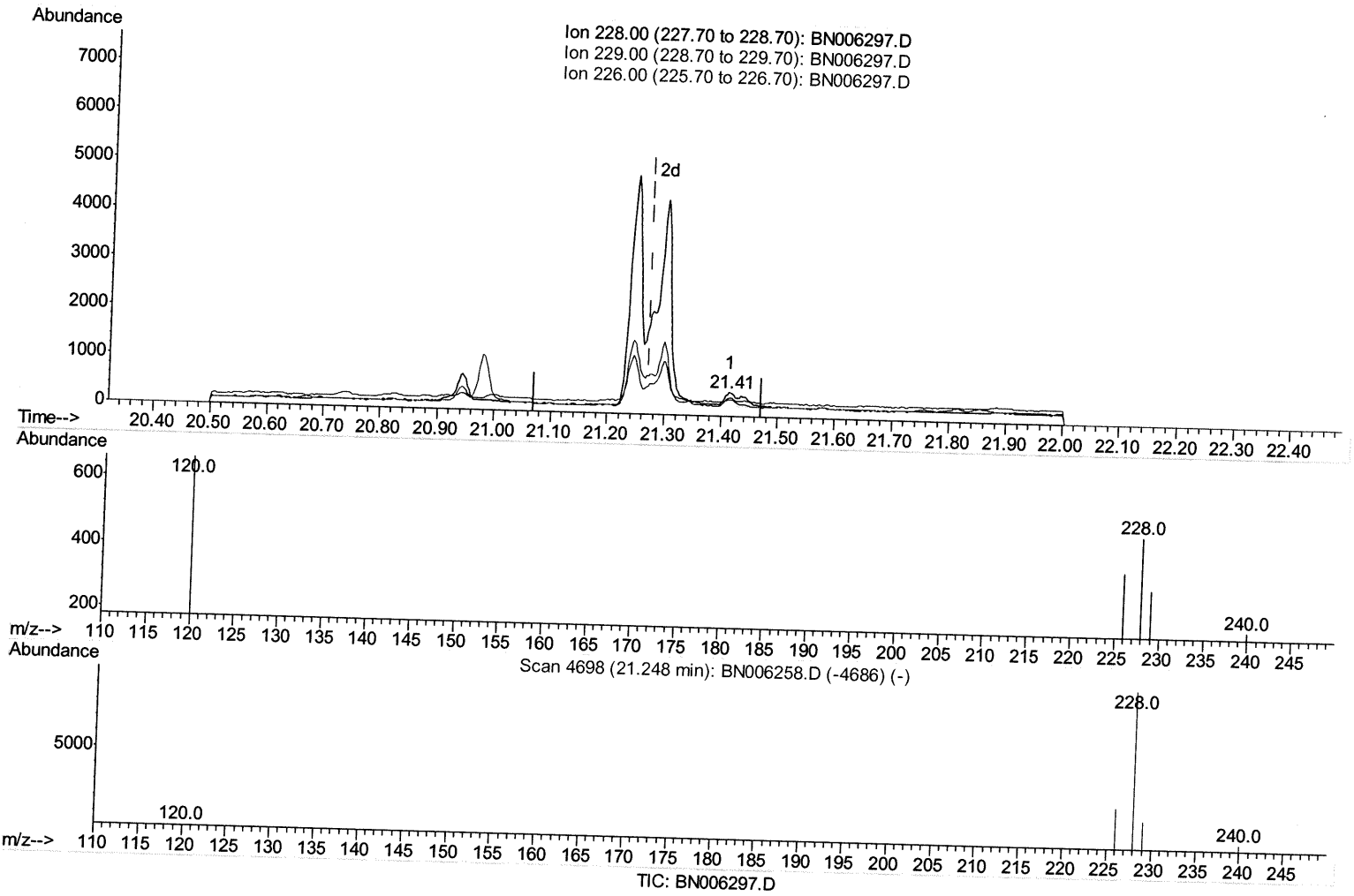
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



TIC: BN006297.D

(18) Benzo(a)anthracene

21.414min (+0.143) 0.01ng/ul

response 663

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	66.39#
226.00	28.50	77.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
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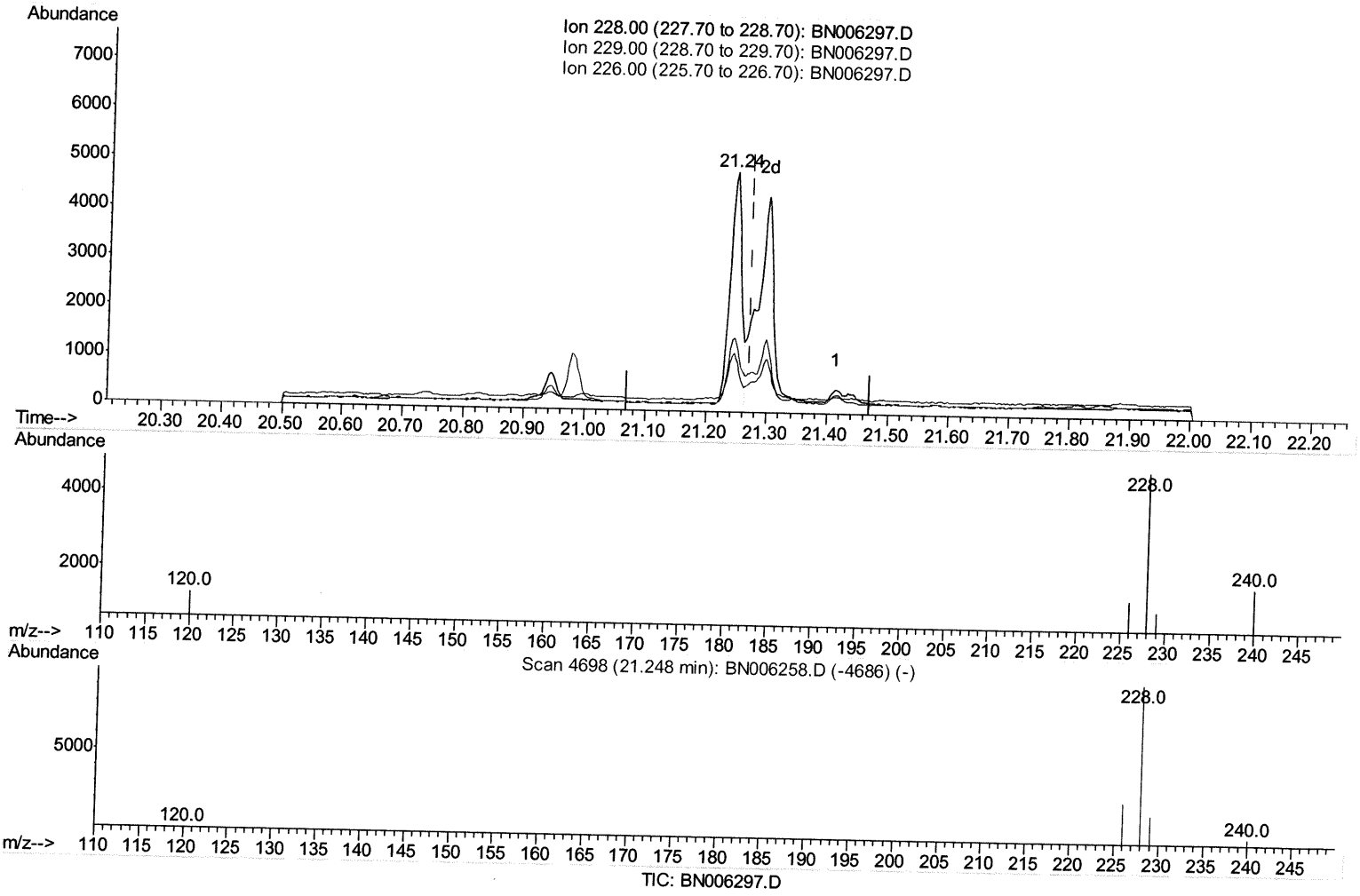
Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



TIC: BN006297.D

(18) Benzo(a)anthracene

21.245min (-0.027) 0.09ng/ul m JU 06/13/19

response 6209

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	24.55
226.00	28.50	30.89
0.00	0.00	0.00

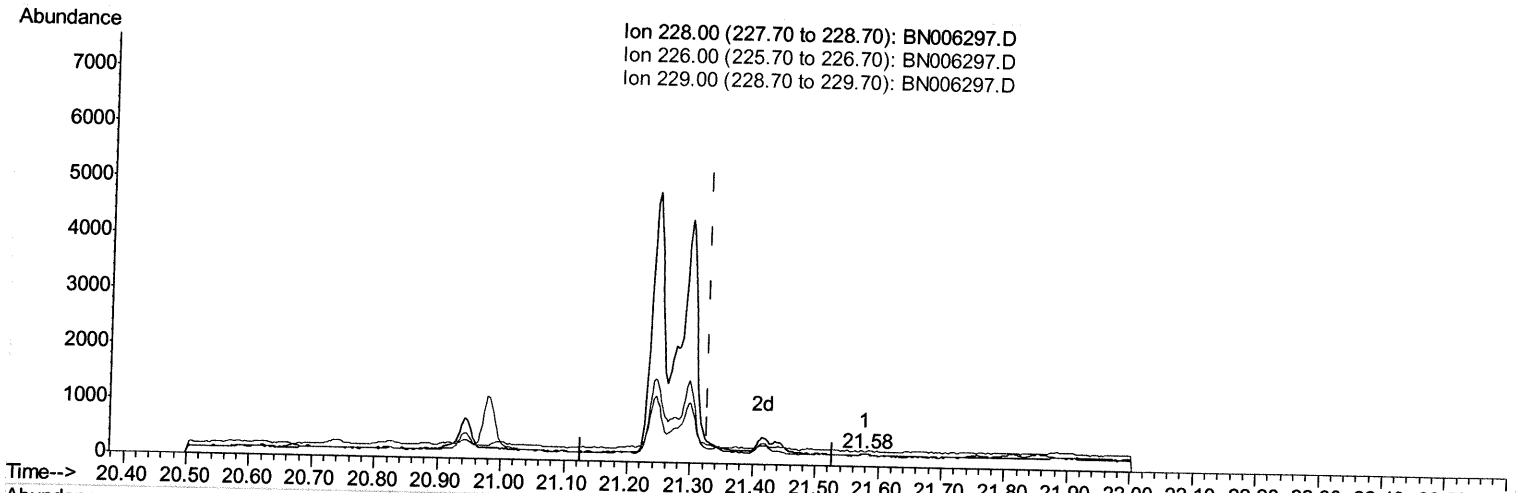
Quantitation Report (Qedit)

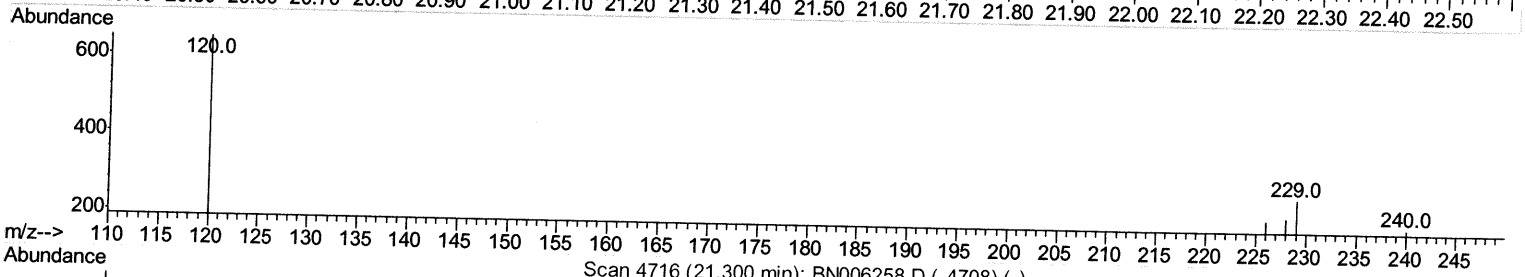
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

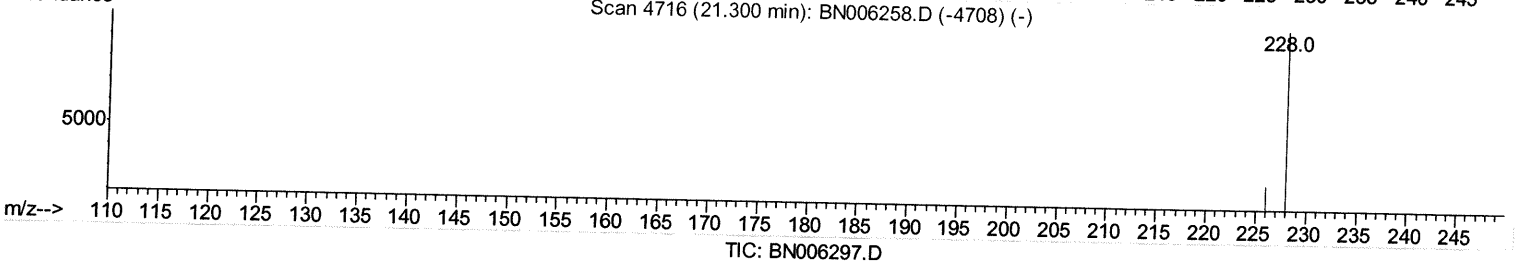
Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM





Scan 4716 (21.300 min): BN006258.D (-4708) (-)



TIC: BN006297.D

(19) Chrysene

21.578min (+0.251) 0.00ng/ul

response 53

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	96.02#
229.00	20.40	119.91#
0.00	0.00	0.00

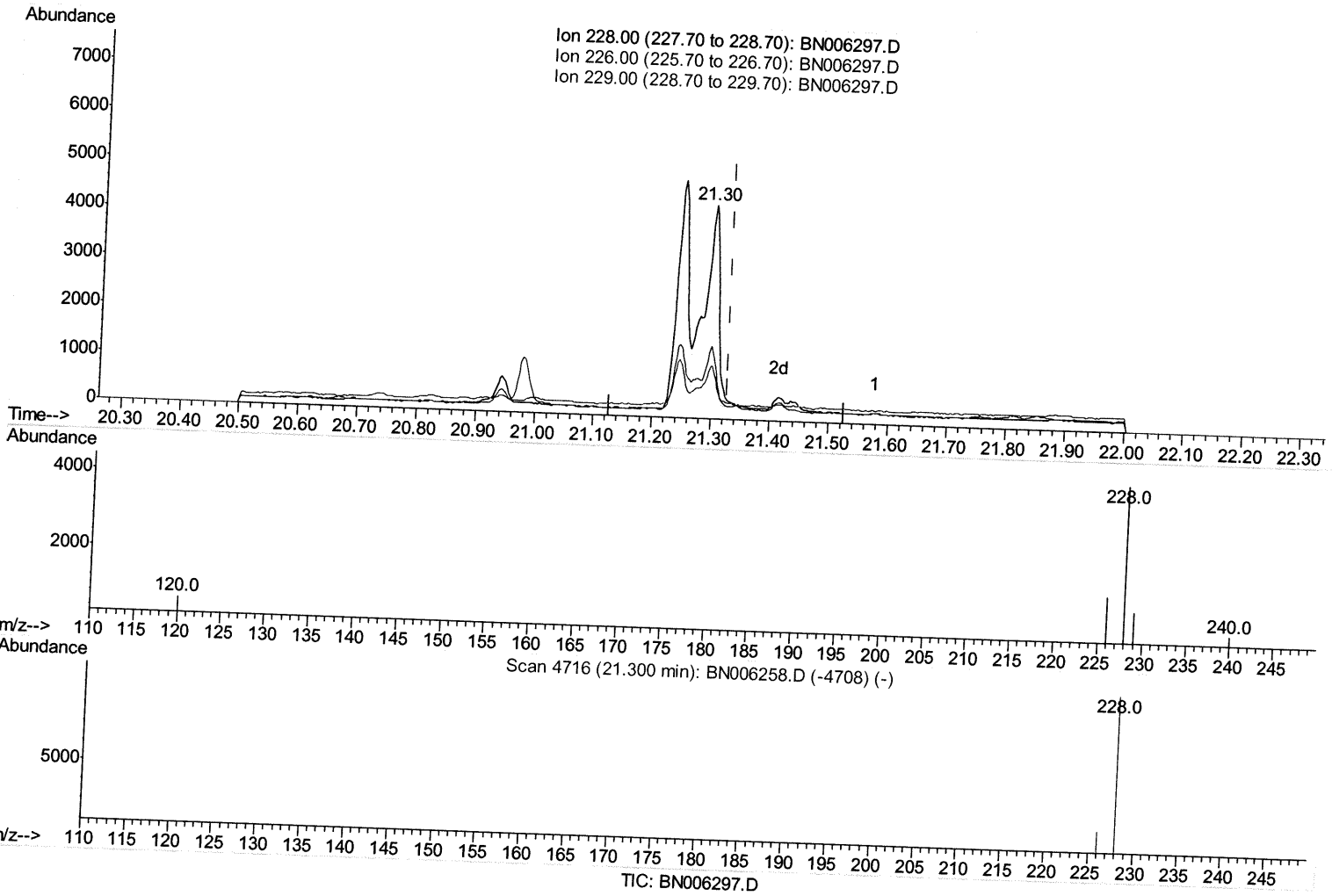
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



(19) Chrysene

21.297min (-0.030) 0.11ng/ul m JU 06|13|19

response 7210

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	34.01
229.00	20.40	24.91#
0.00	0.00	0.00

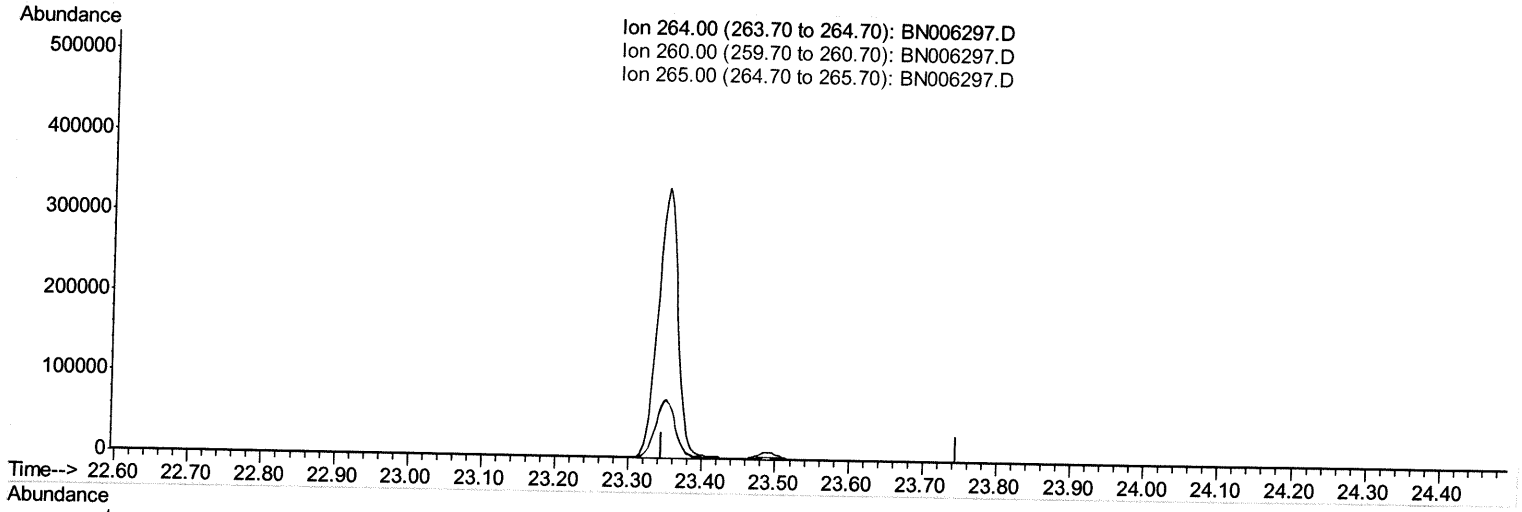
Quantitation Report (Qedit)

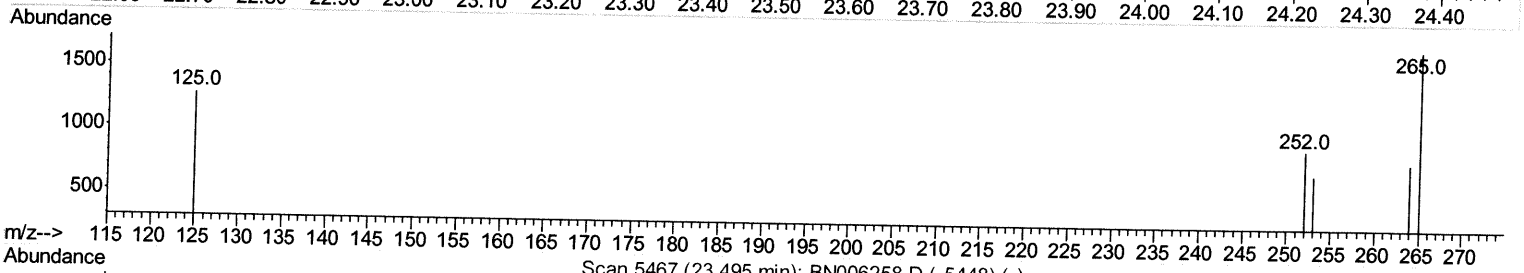
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

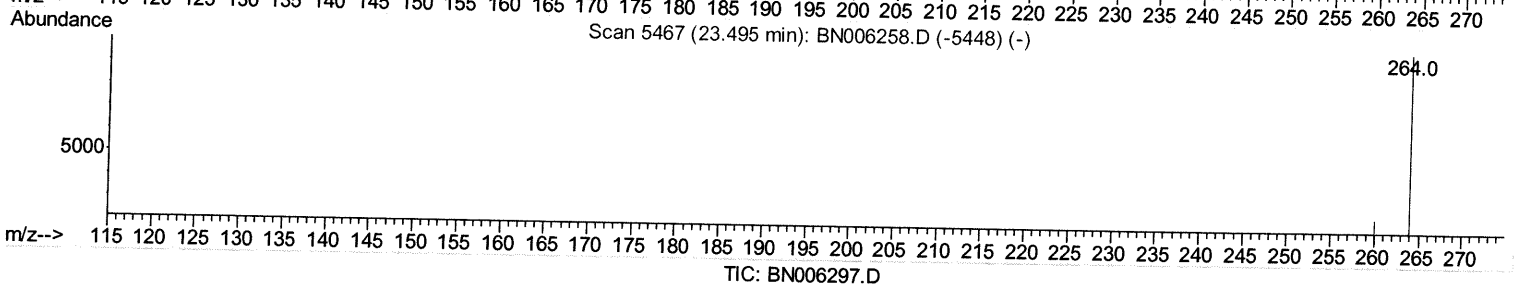
Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







(20) Perylene-d12 (I)

23.545min (-23.545) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	29.20	0.00#
265.00	44.70	0.00#
0.00	0.00	0.00

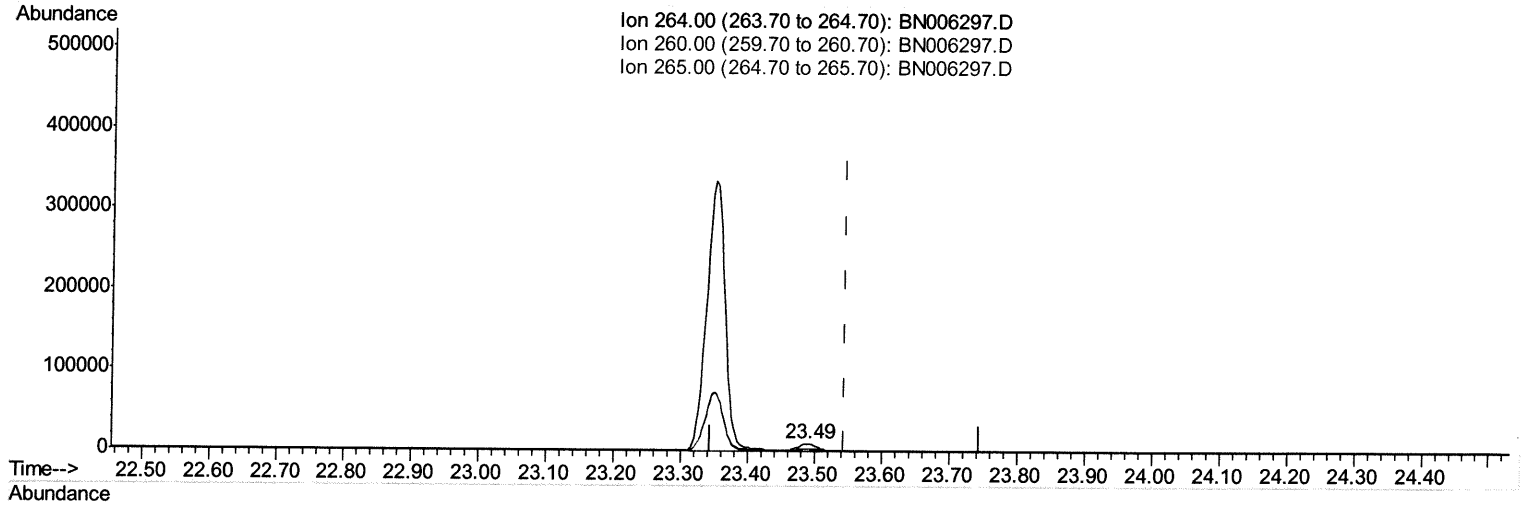
Quantitation Report (Qedit)

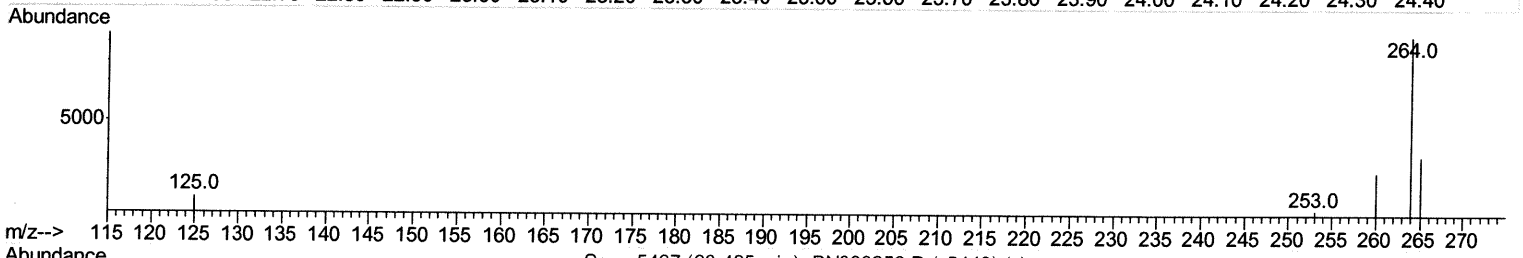
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

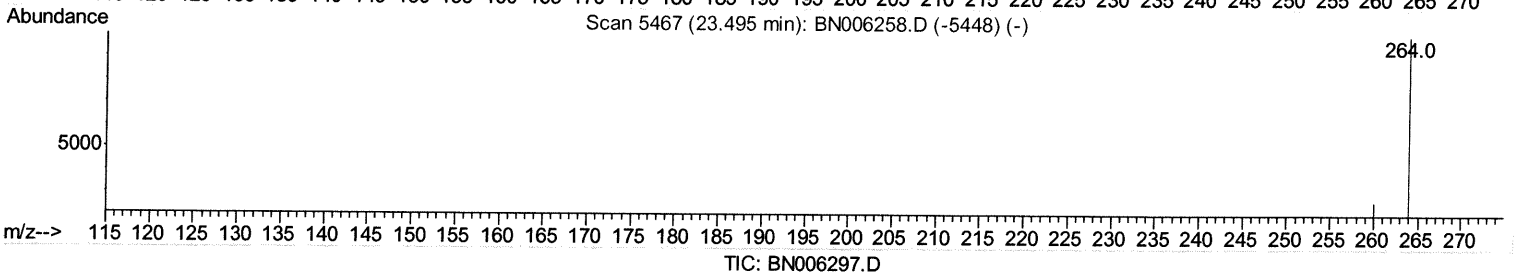
Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







(20) Perylene-d12 (I)

23.489min (-0.056) 0.40ng/ul m JU 06/13/19

response 15166

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.27
265.00	44.70	35.49#
0.00	0.00	0.00

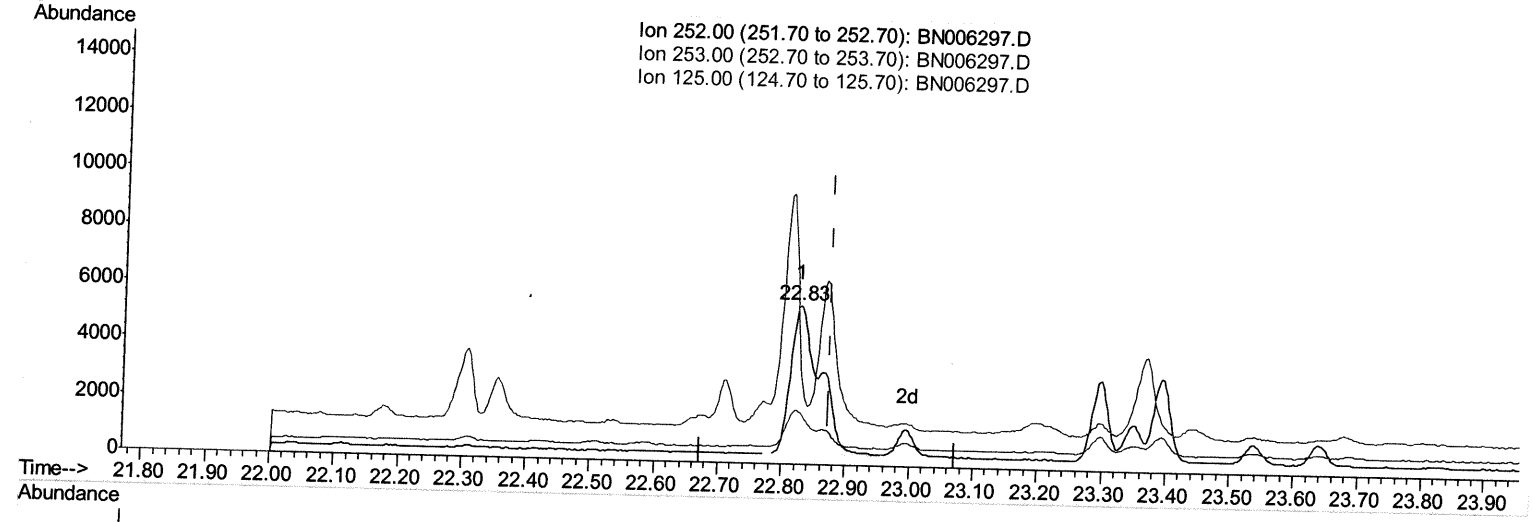
Quantitation Report (Qedit)

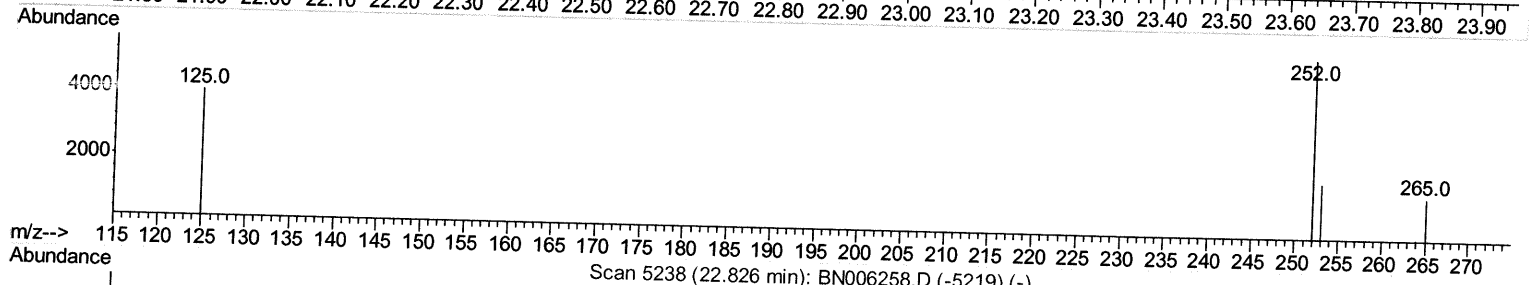
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

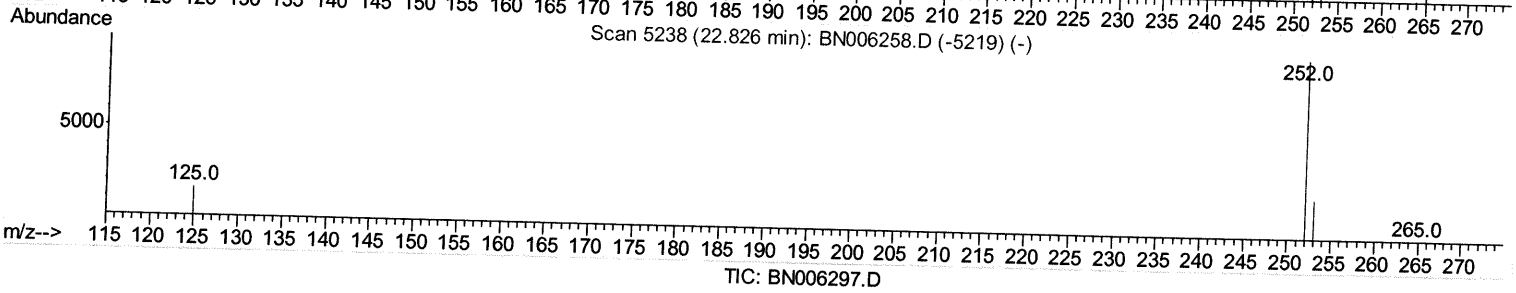
Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM





Scan 5238 (22.826 min): BN006258.D (-5219) (-)



TIC: BN006297.D

(21) Benzo(b)fluoranthene

22.826min (-0.047) 0.26ng/ul

response 16723

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	32.66
125.00	20.50	71.10#
0.00	0.00	0.00

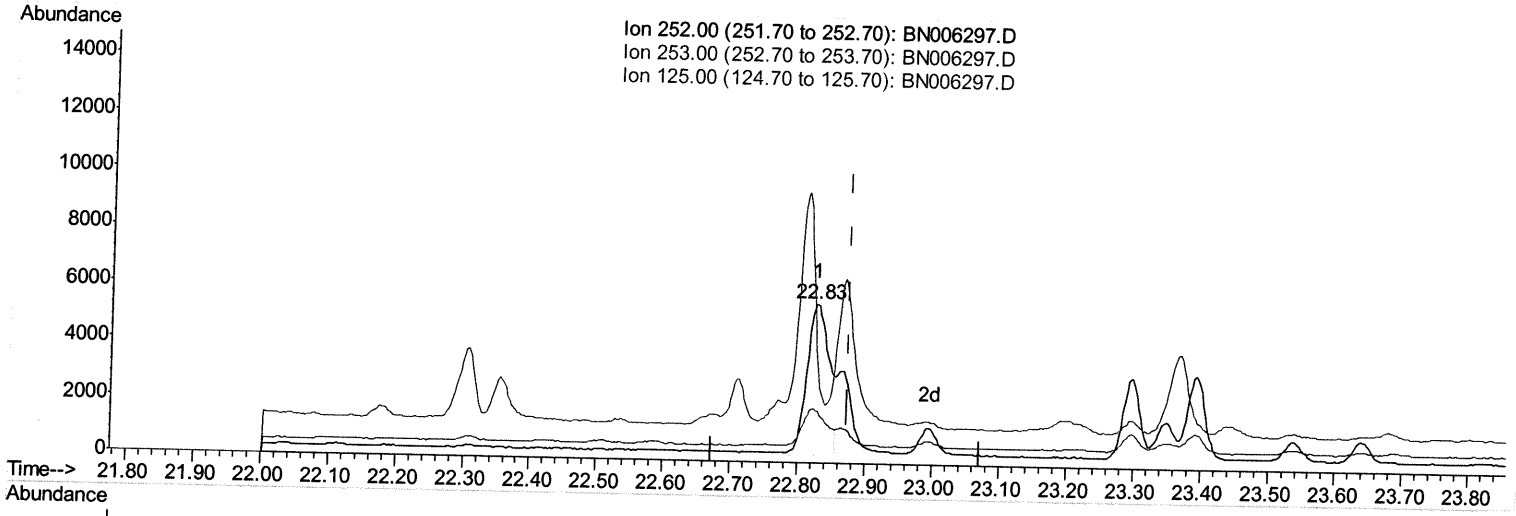
Quantitation Report (Qedit)

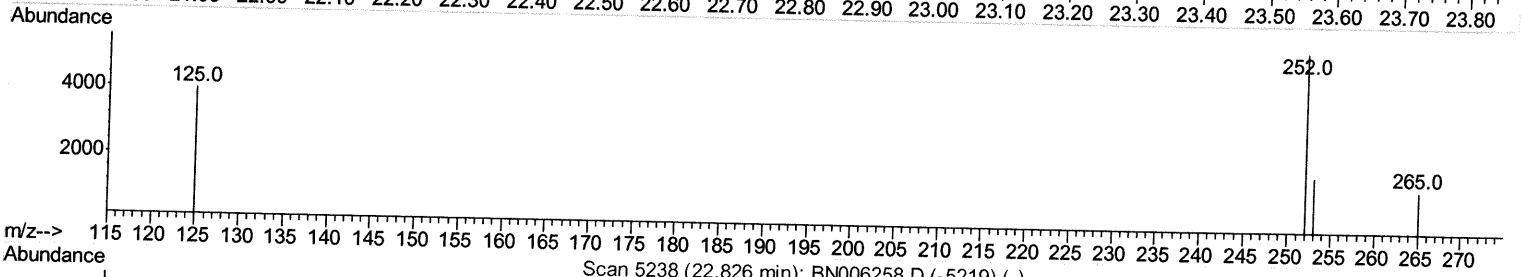
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

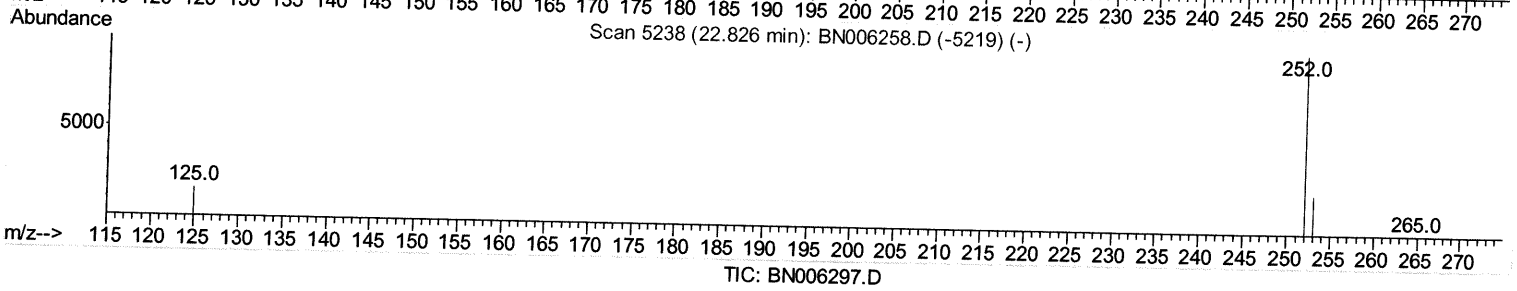
Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM







TIC: BN006297.D

(21) Benzo(b)fluoranthene

22.826min (-0.047) 0.19ng/ul m JU 06/13/19

response 12281

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	32.66
125.00	20.50	71.10#
0.00	0.00	0.00

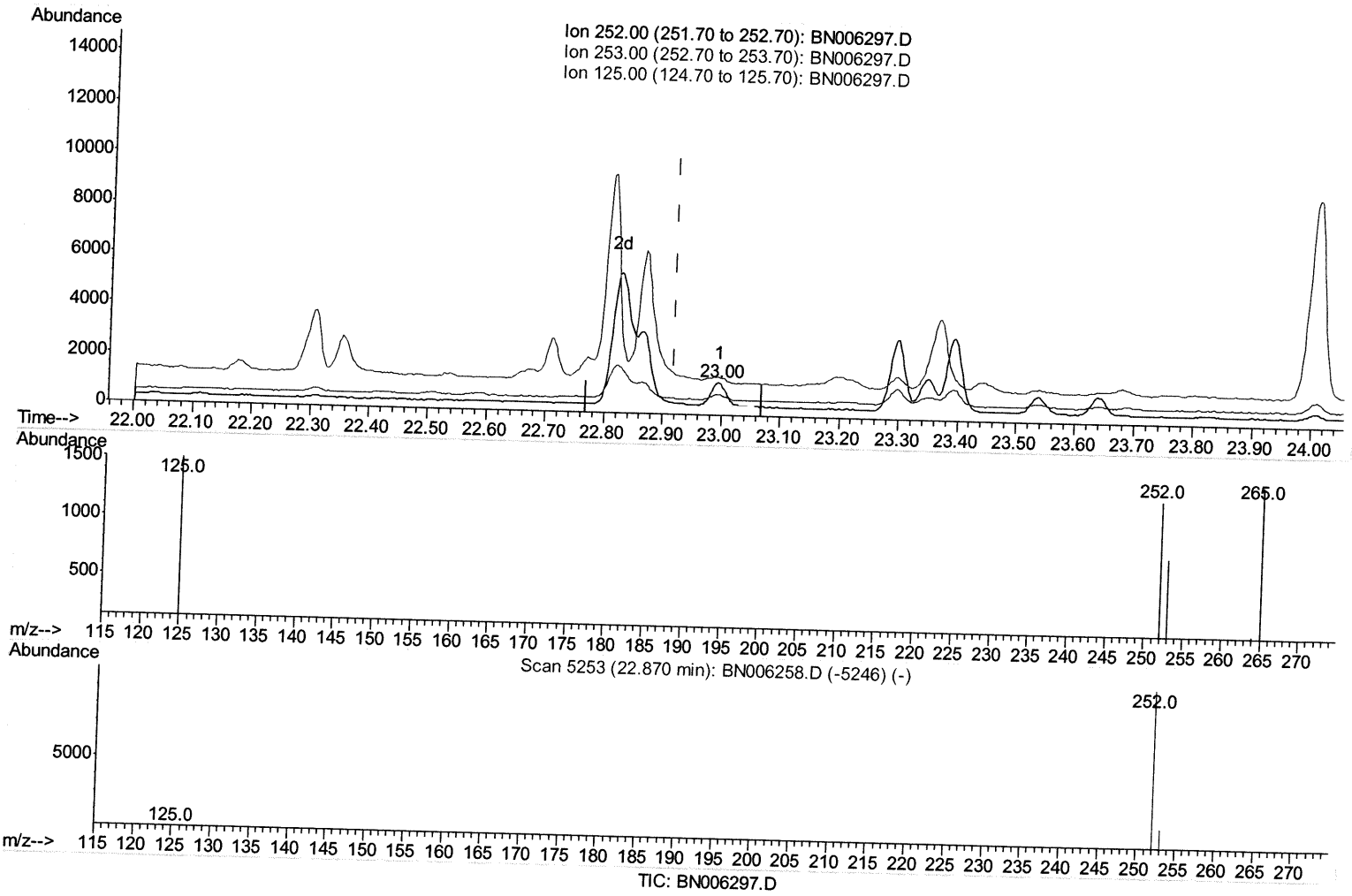
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



TIC: BN006297.D

(22) Benzo(k)fluoranthene

22.995min (+0.076) 0.03ng/ul

response 1679

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	62.11#
125.00	17.90	114.74#
0.00	0.00	0.00

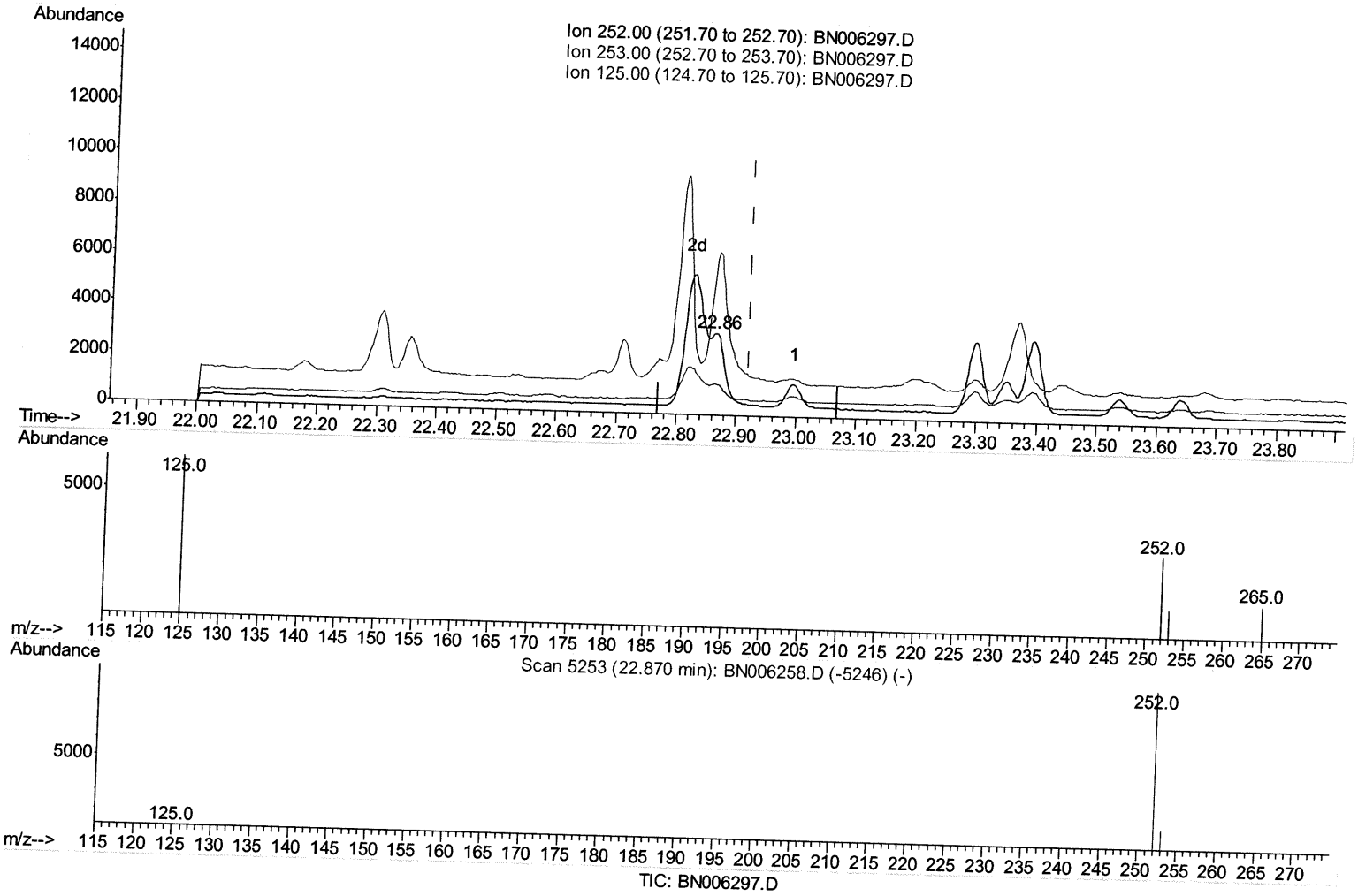
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM



TIC: BN006297.D

(22) Benzo(k)fluoranthene

22.864min (-0.056) 0.07ng/ul m JU 06/13/19

response 4269

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	38.17#
125.00	17.90	191.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8M5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:34 AM

Quant Time: Jun 13 04:00:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6150	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	24375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	25437m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16181m >	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	15166m >	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5297	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10494m >	0.15	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	16.72	266	437m >	0.068	ng/ul	
12) Phenanthrene	17.09	178	2953m >	0.036	ng/ul	
15) Fluoranthene	19.12	202	11568m >	0.128	ng/ul	
17) Pyrene	19.49	202	10731	0.126	ng/ul	95
18) Benzo(a)anthracene	21.24	228	6209m >	0.087	ng/ul	
19) Chrysene	21.30	228	7210m >	0.107	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	12281m >	0.194	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	4269m >	0.069	ng/ul	
23) Benzo(a)pyrene	23.39	252	5274	0.090	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.73	276	4611	0.072	ng/ul#	94
26) Benzo(g,h,i)perylene	26.41	276	4267	0.080	ng/ul#	76

JU 06/13/19

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