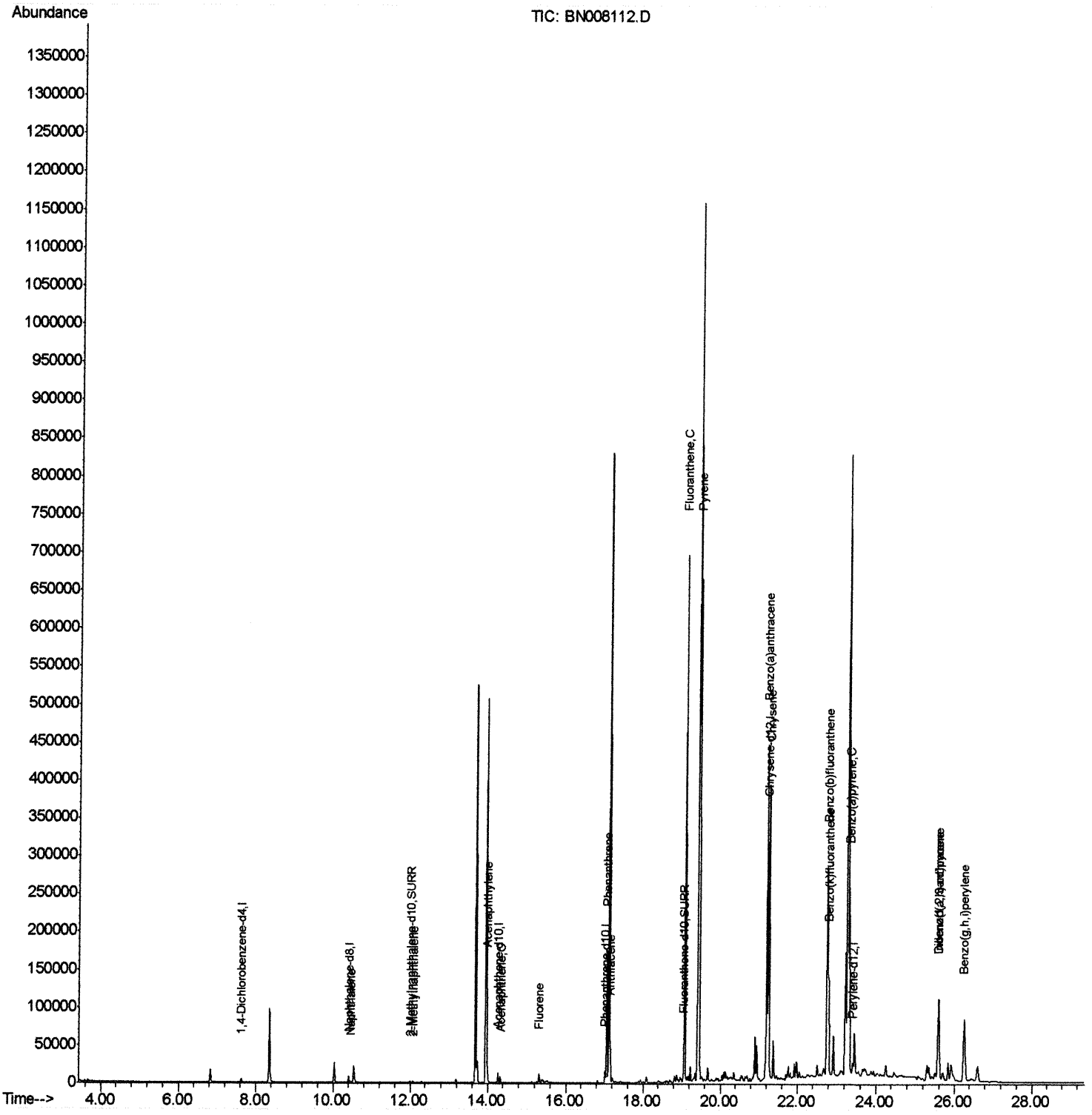
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:33:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



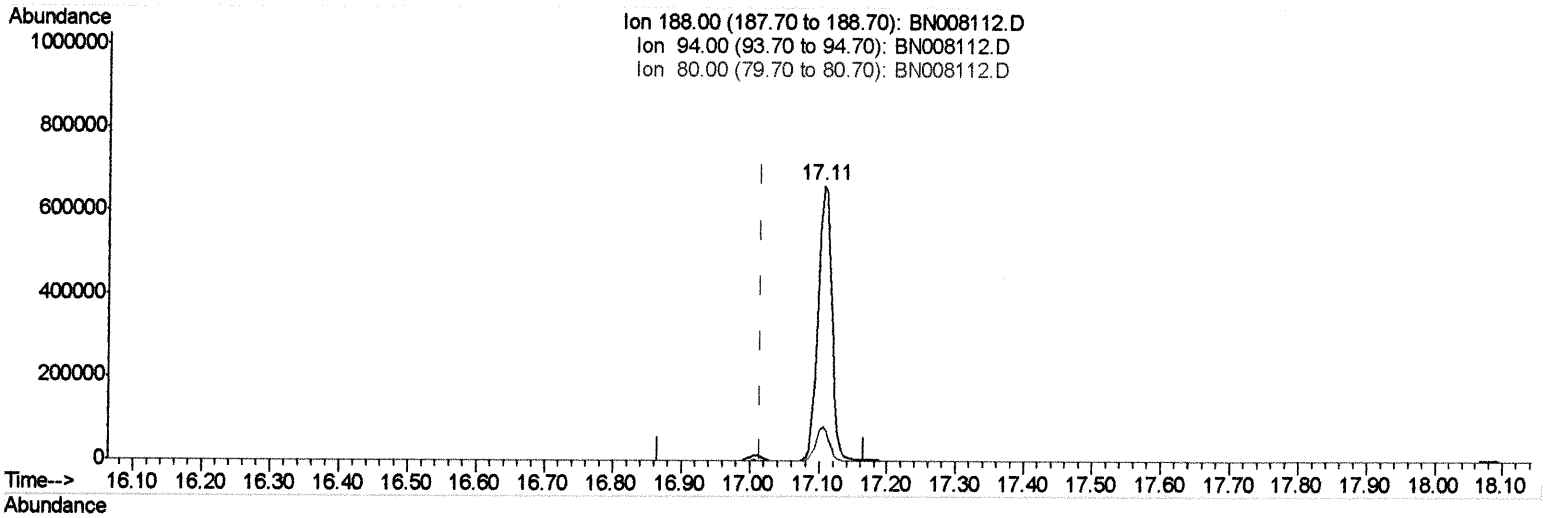
Quantitation Report (Qedit)

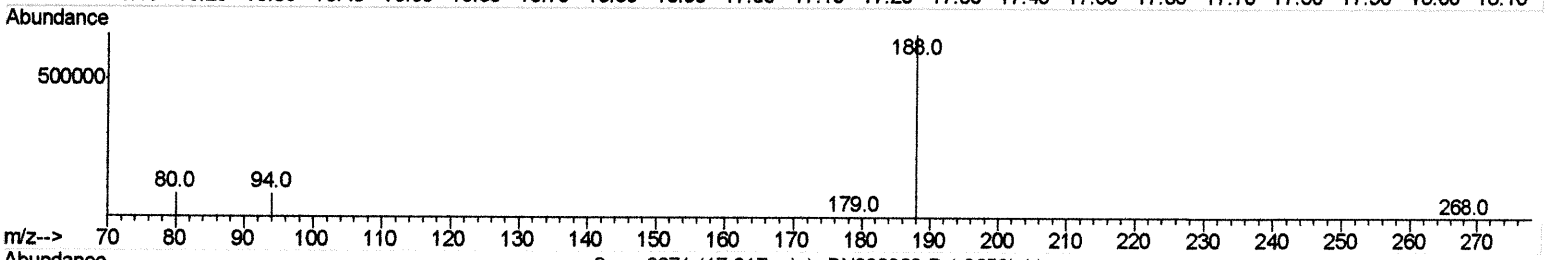
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

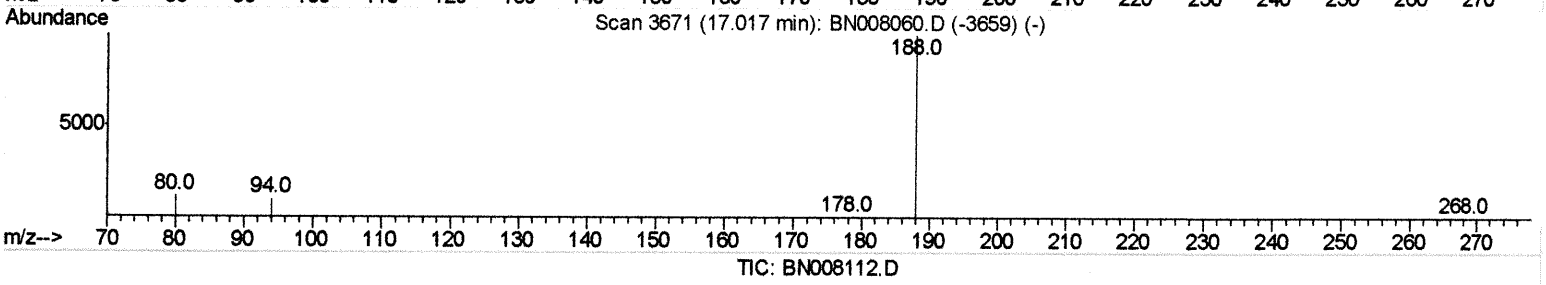
Quant Time: Oct 12 21:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 912671

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.69
80.00	12.60	12.45
0.00	0.00	0.00

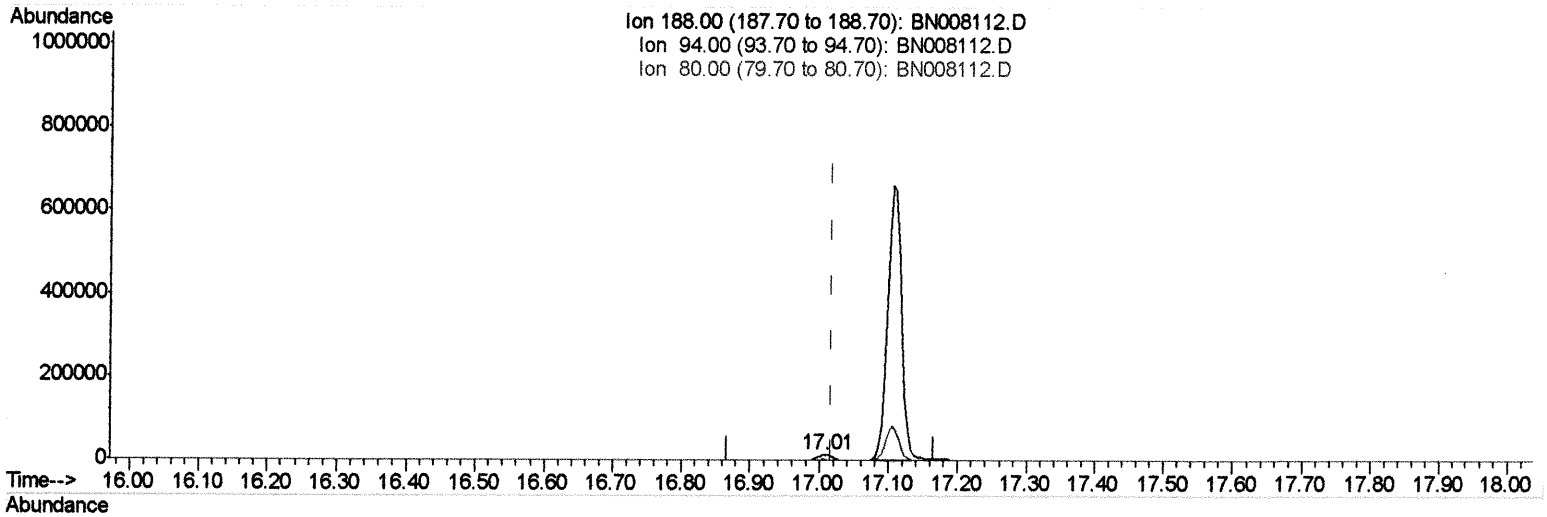
Quantitation Report (Qedit)

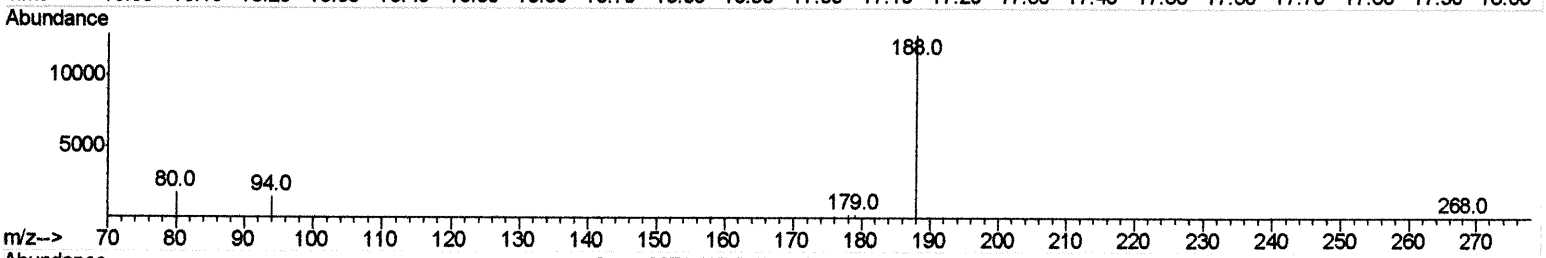
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

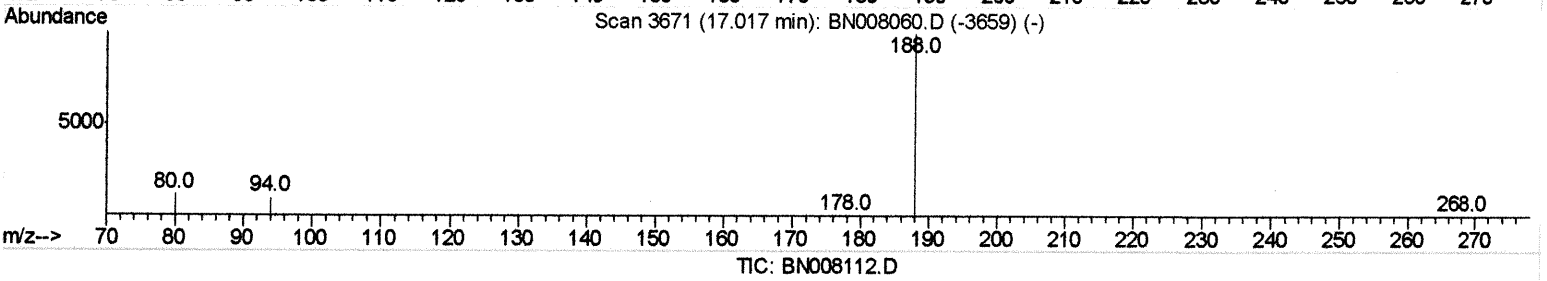
Quant Time: Oct 12 21:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(10) Phenanthrene-d10 (I)

17.009min (-0.008) 0.40ng/ul m JU 10/16/19

response 17965

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.65
80.00	12.60	13.42
0.00	0.00	0.00

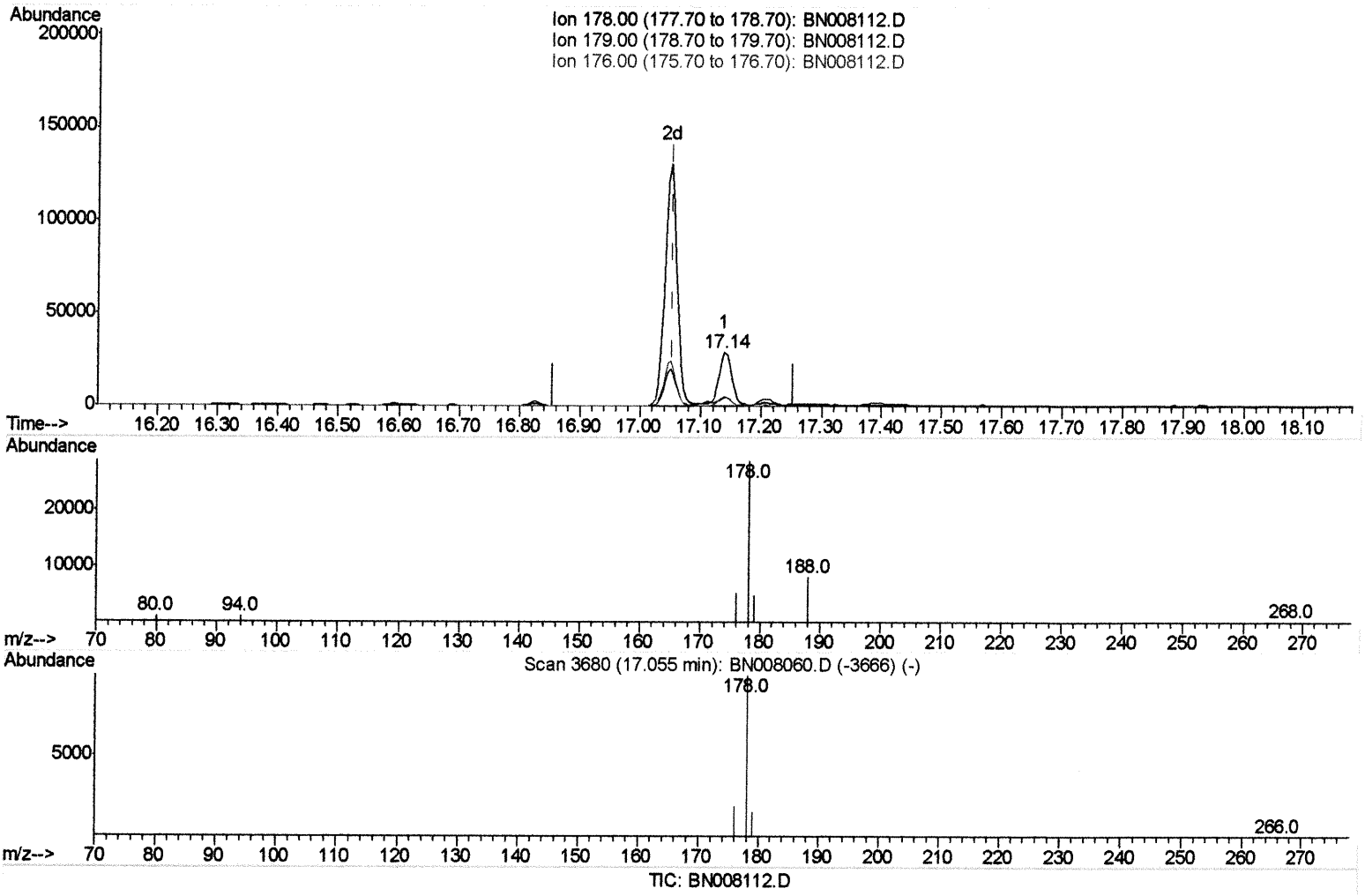
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(12) Phenanthrene

17.139min (+0.085) 0.78ng/ul

response 41125

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.47
176.00	19.30	18.30
0.00	0.00	0.00

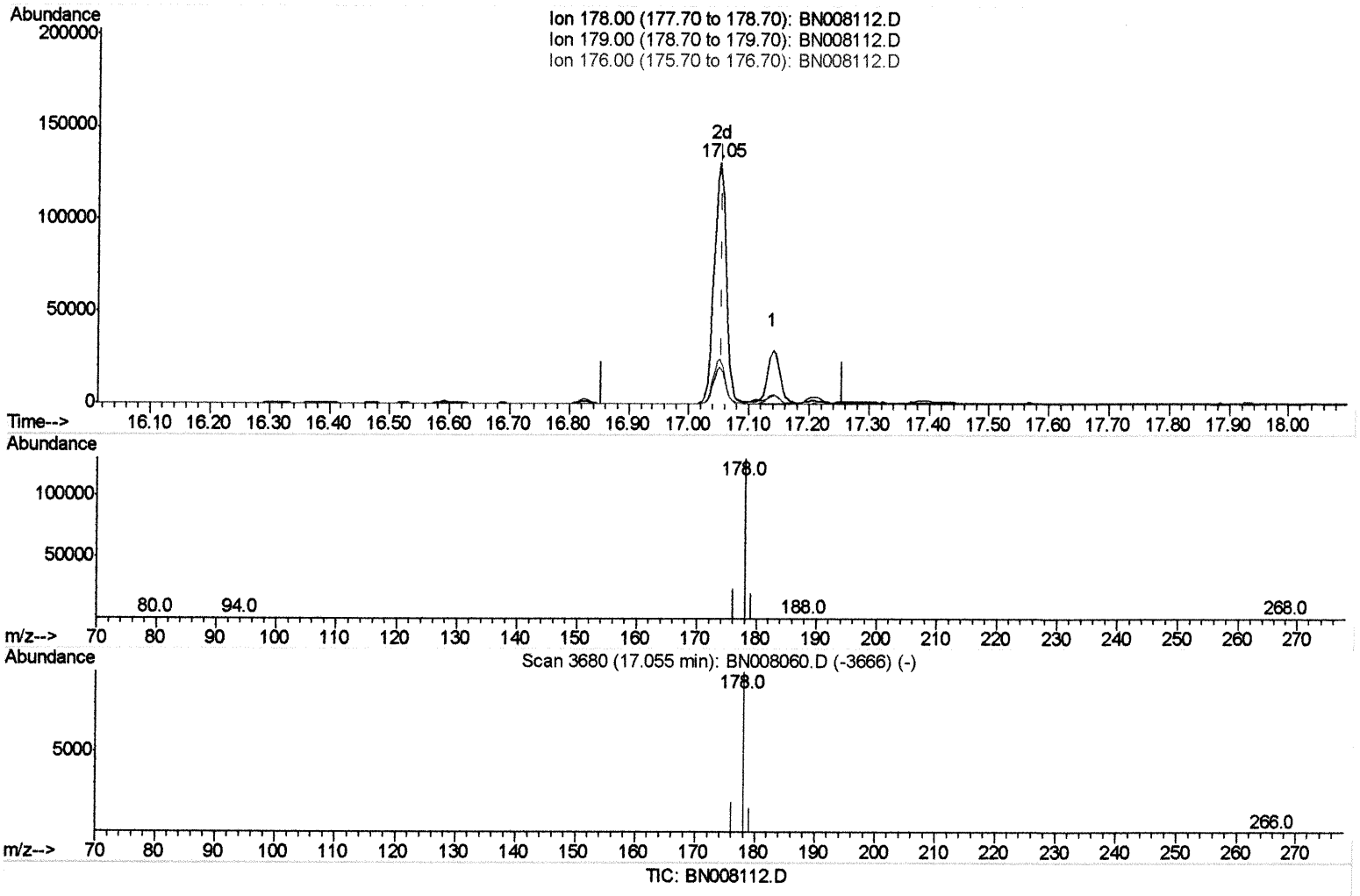
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(12) Phenanthrene

17.051min (-0.004) 3.46ng/ul m JU 10/16/19

response 182096

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.59
176.00	19.30	18.51
0.00	0.00	0.00

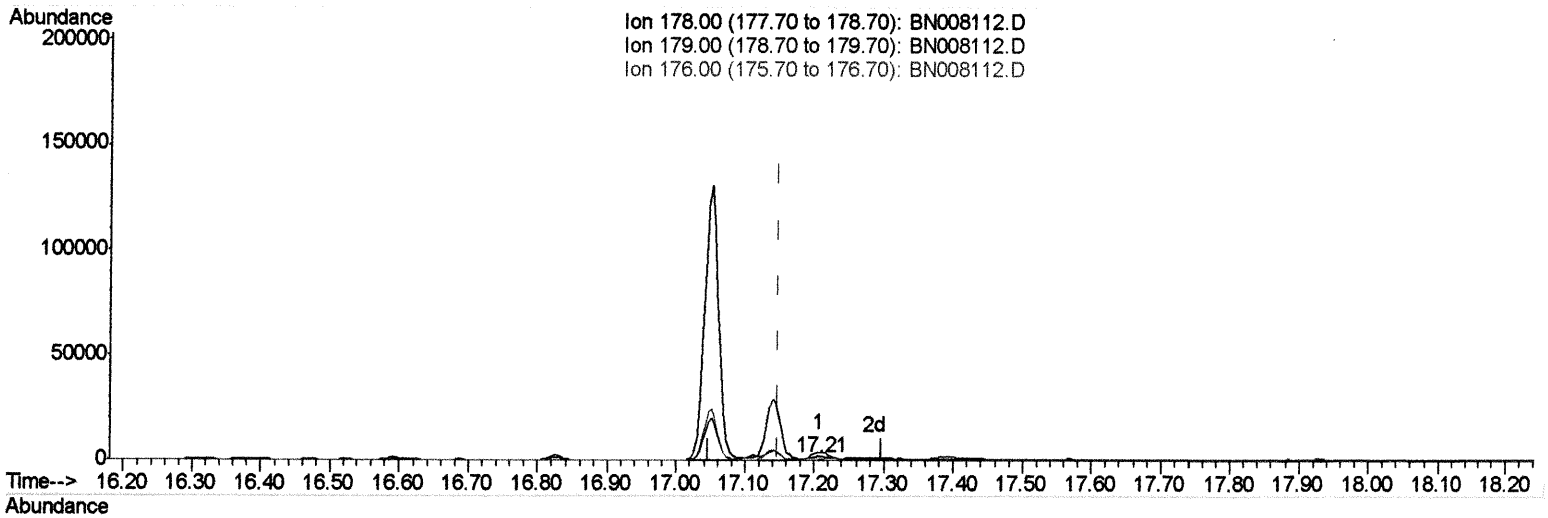
Quantitation Report (Qedit)

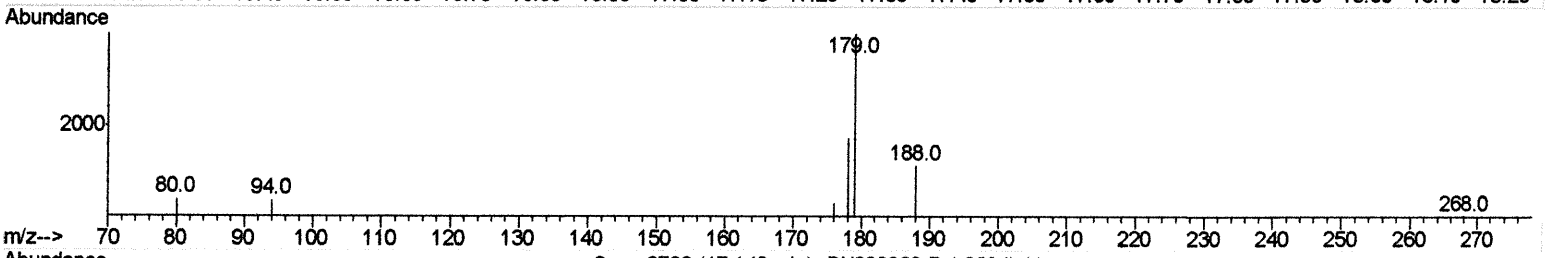
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

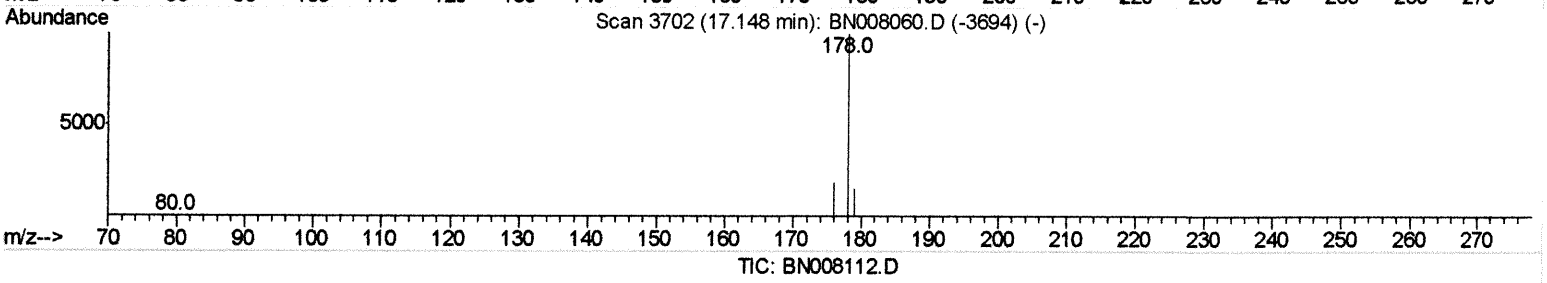
Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(13) Anthracene

17.207min (+0.059) 0.04ng/ul

response 1894

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	232.42#
176.00	18.80	19.06
0.00	0.00	0.00

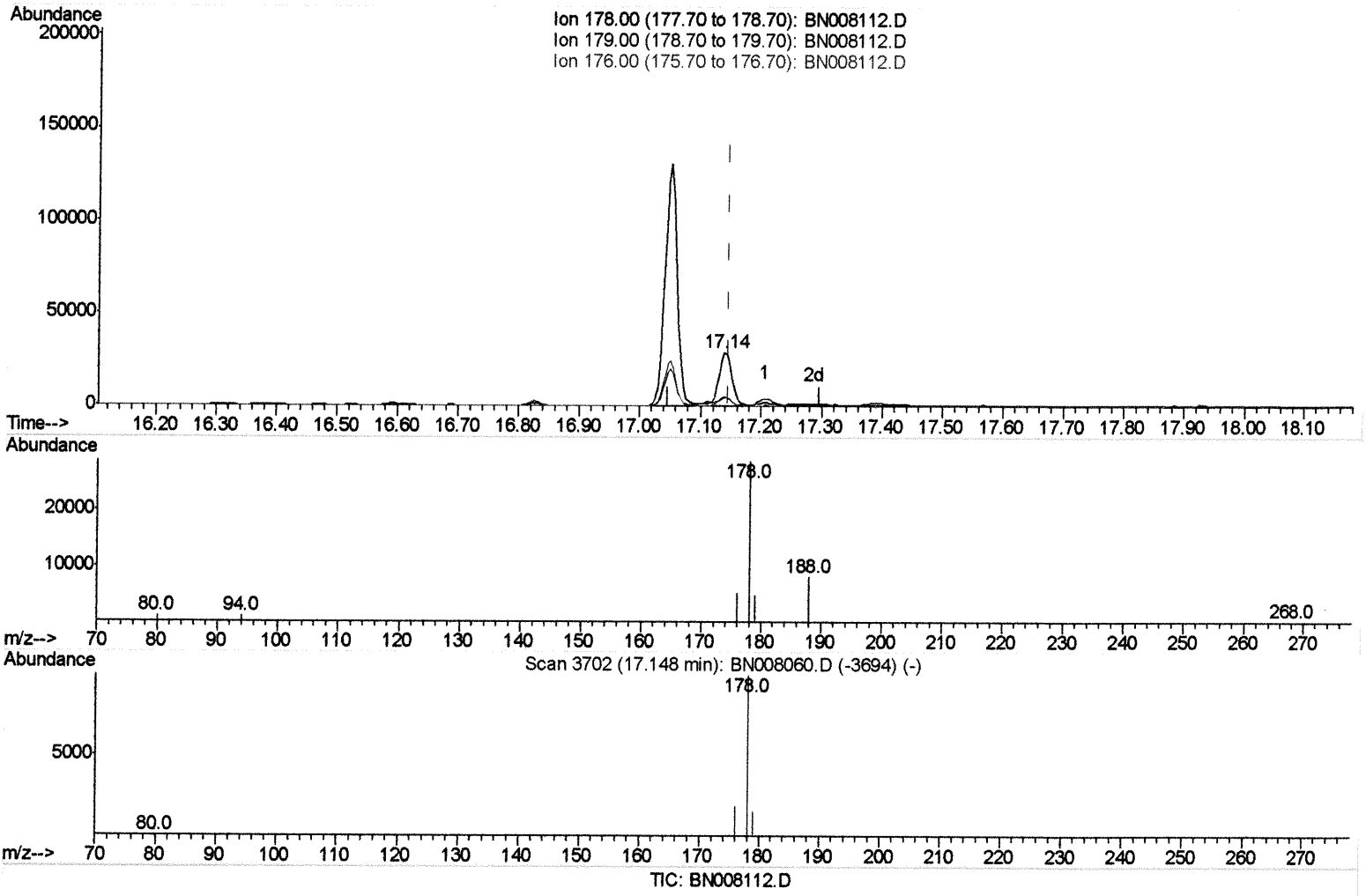
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(13) Anthracene

17.139min (-0.008) 0.89ng/ul m JU 10/16/19

response 41078

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	16.47
176.00	18.80	18.30
0.00	0.00	0.00

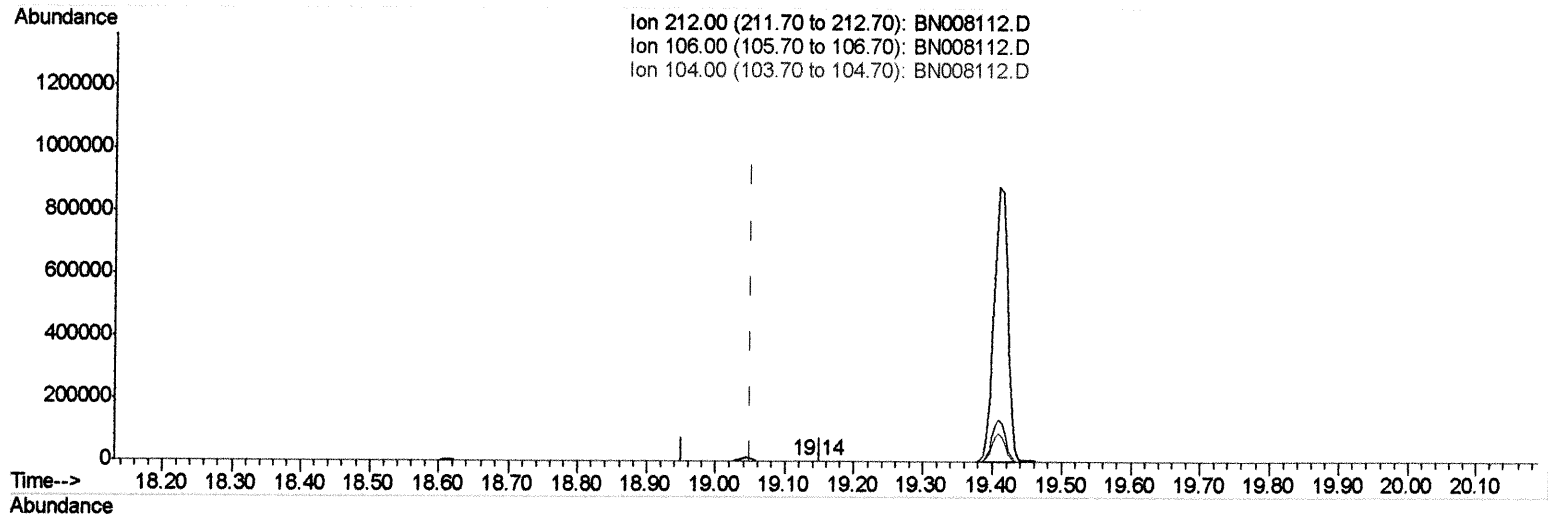
Quantitation Report (Qedit)

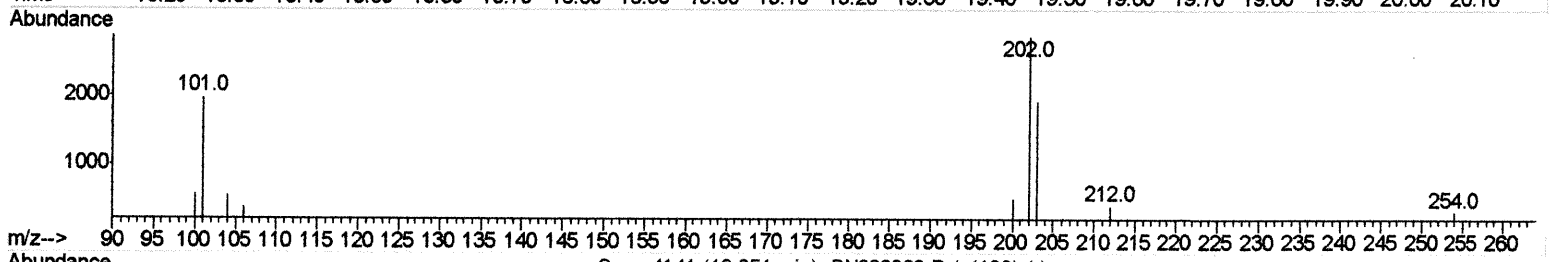
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

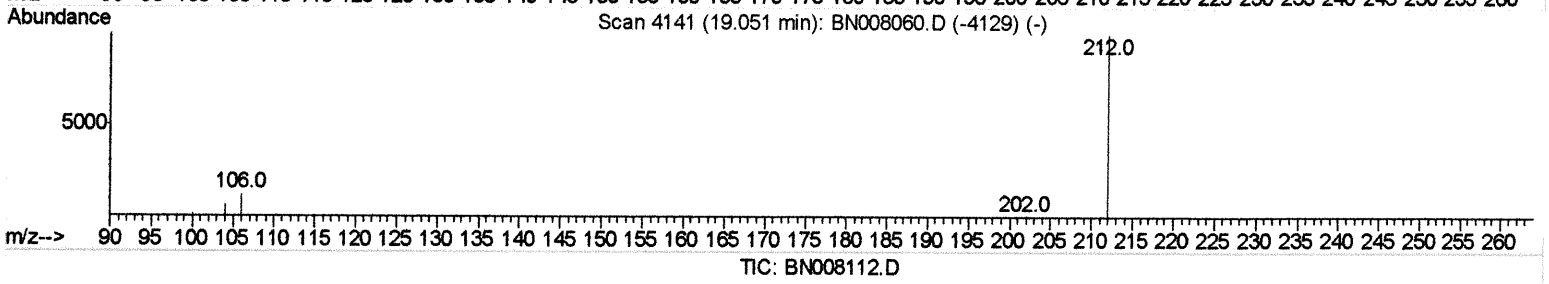
Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







(14) Fluoranthene-d10 (SURR)

19.144min (+0.093) 0.01ng/ul

response 404

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	25.00#
104.00	7.20	97.28#
0.00	0.00	0.00

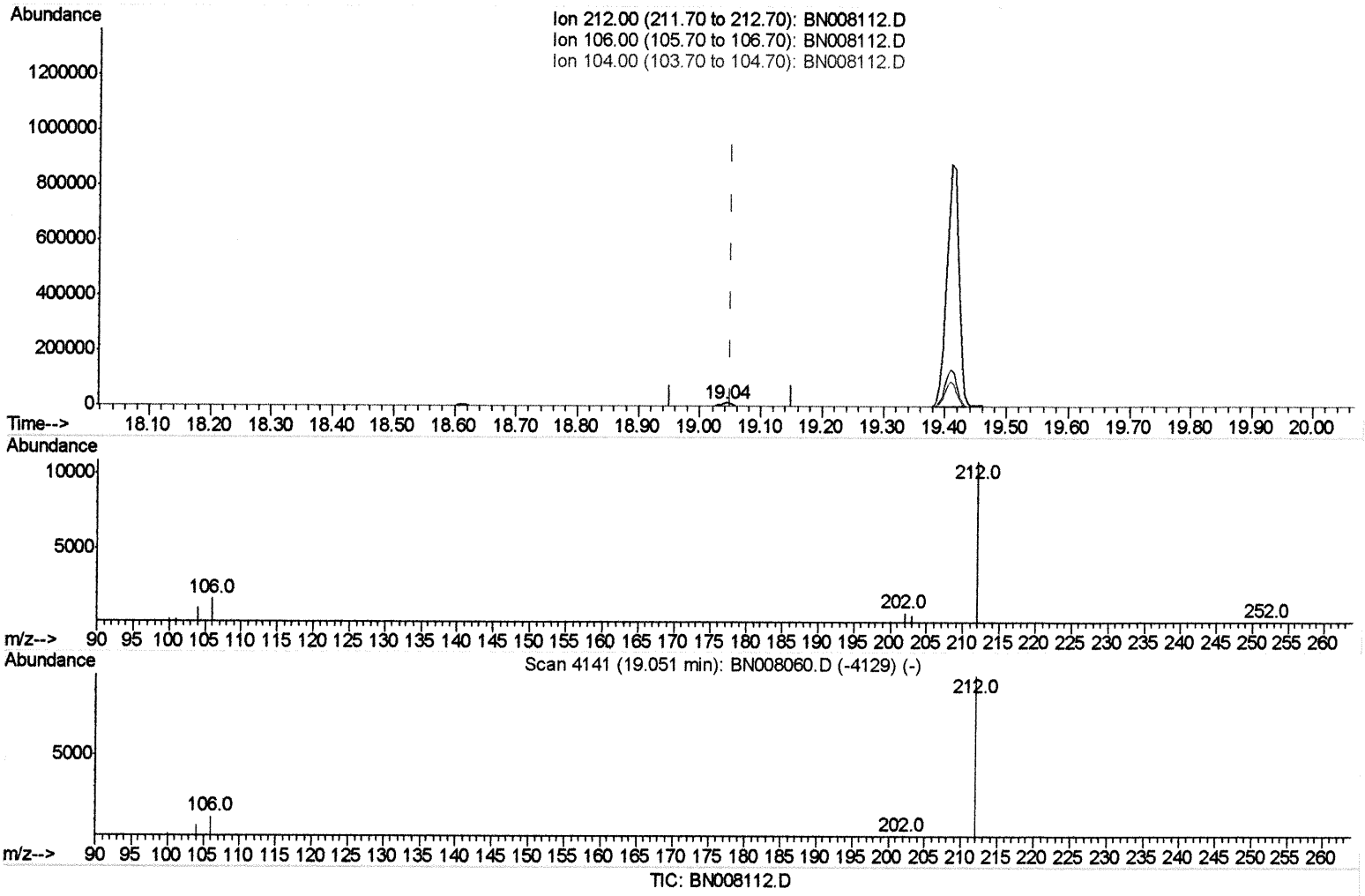
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(14) Fluoranthene-d10 (SURR)

19.042min (-0.009) 0.23ng/ul m JU 10/16/19

response 14081

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.72#
104.00	7.20	2.79#
0.00	0.00	0.00

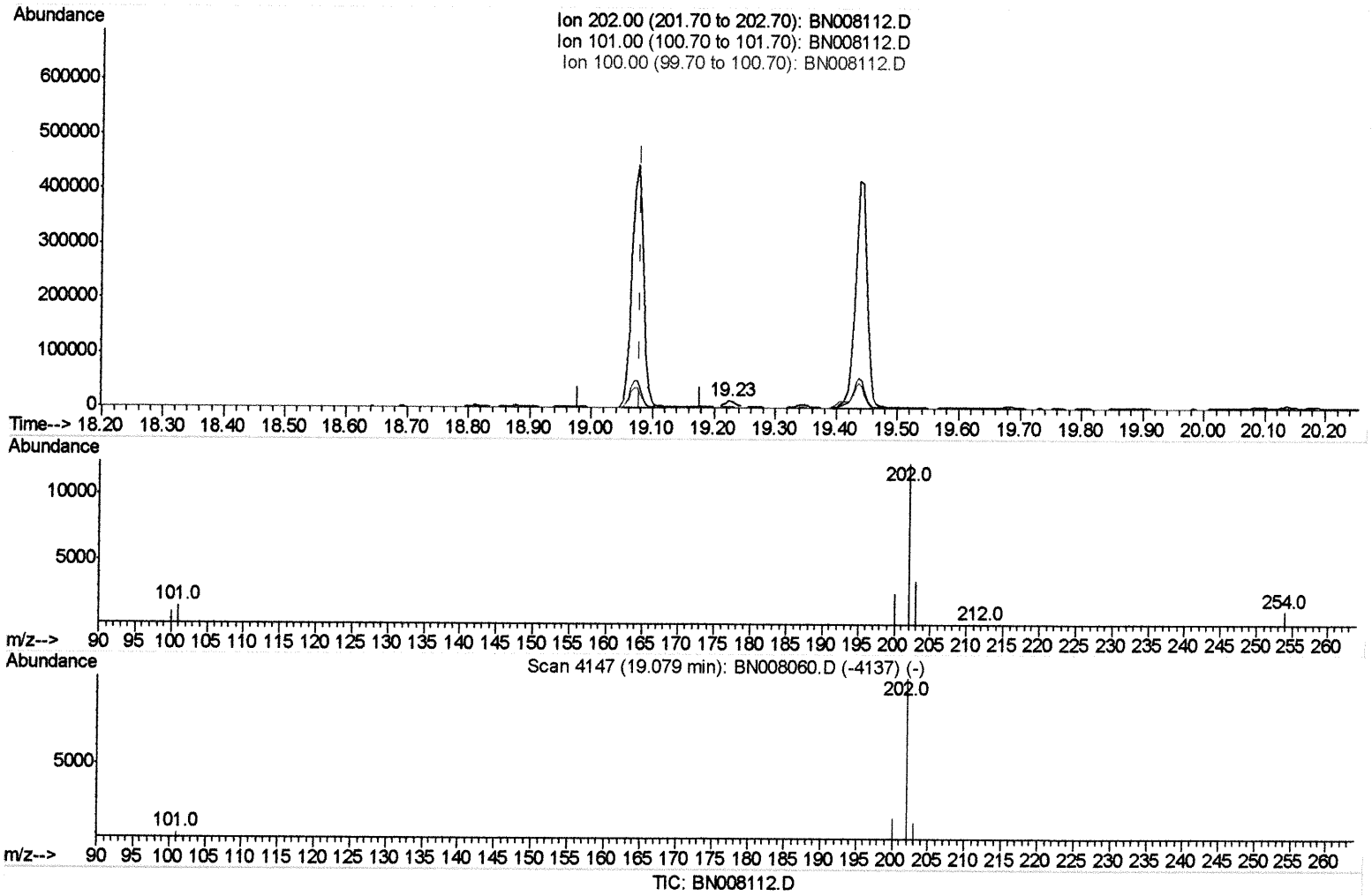
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



(15) Fluoranthene (C)

19.228min (+0.149) 0.20ng/ul

response 14099

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	12.21
100.00	8.50	8.60
0.00	0.00	0.00

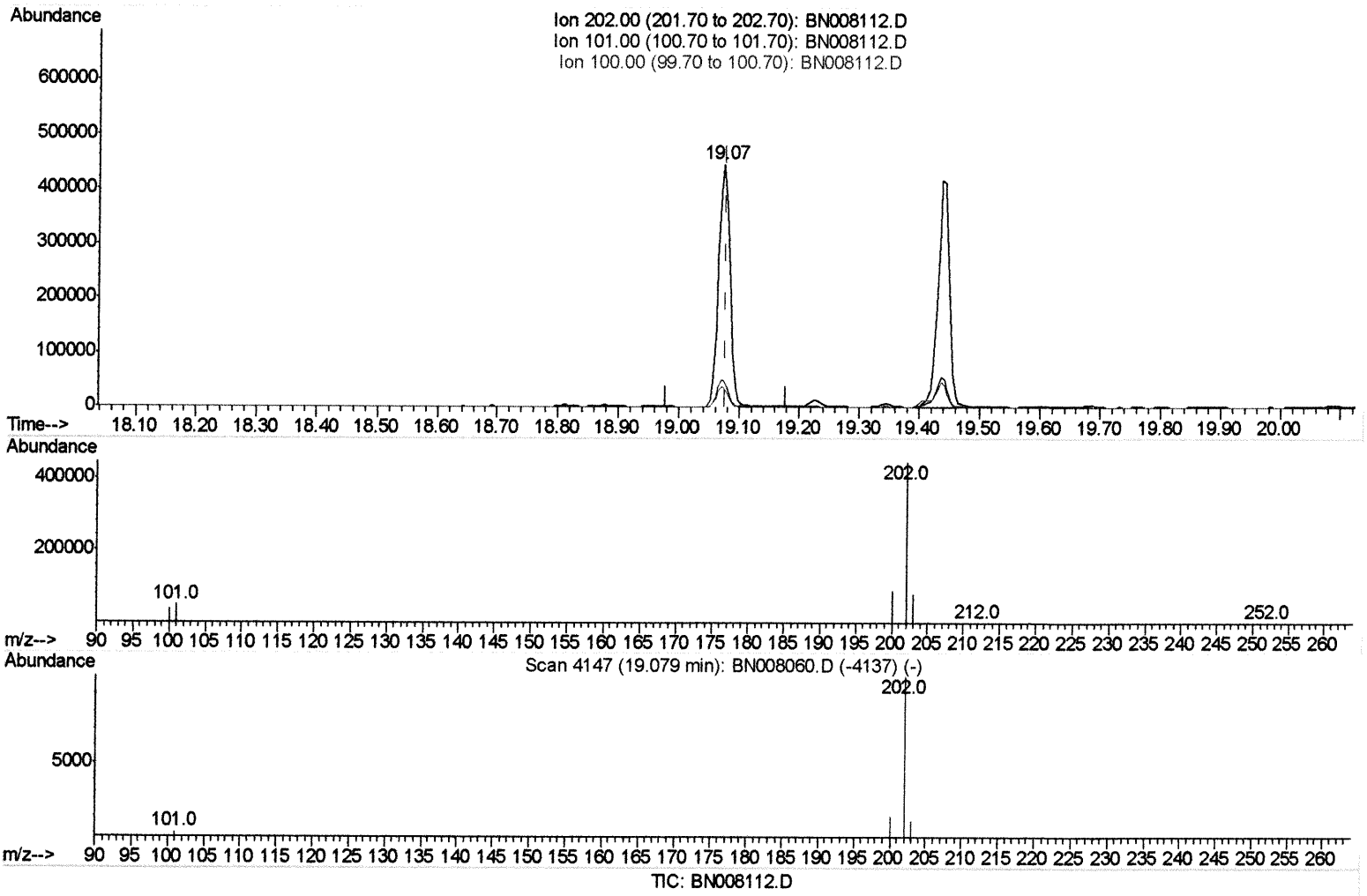
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(15) Fluoranthene (C)

19.074min (-0.005) 8.32ng/ul m JU 10/16/19

response 577917

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	10.91
100.00	8.50	8.09
0.00	0.00	0.00

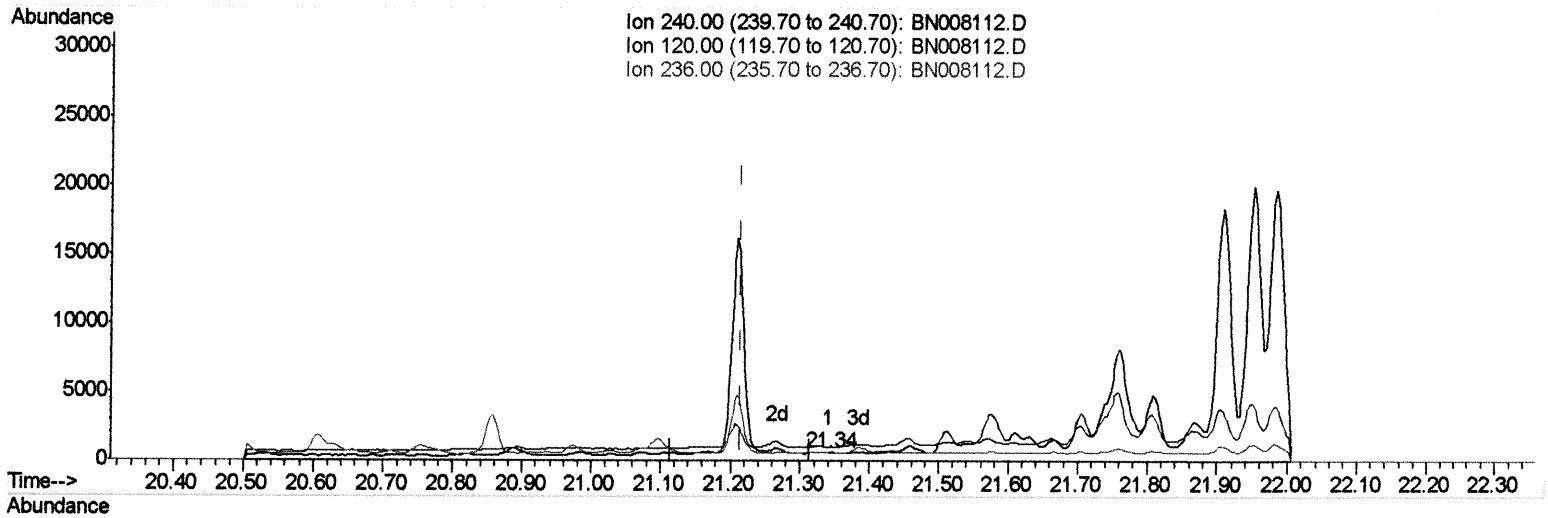
Quantitation Report (Qedit)

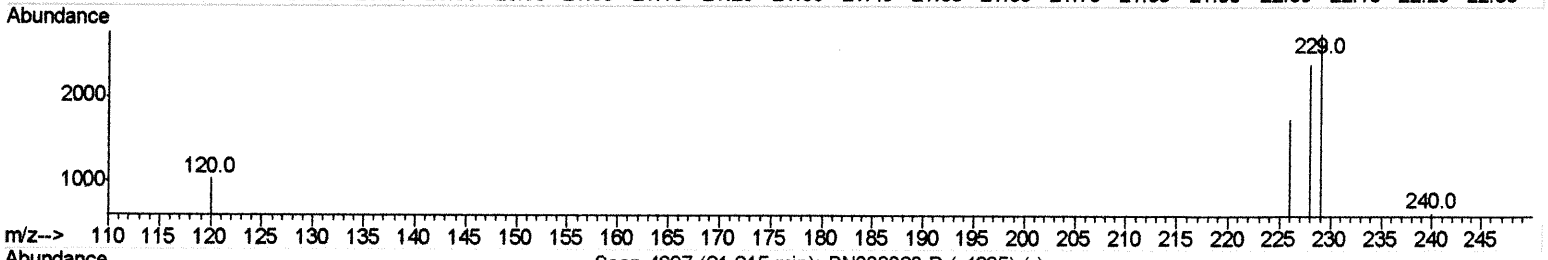
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

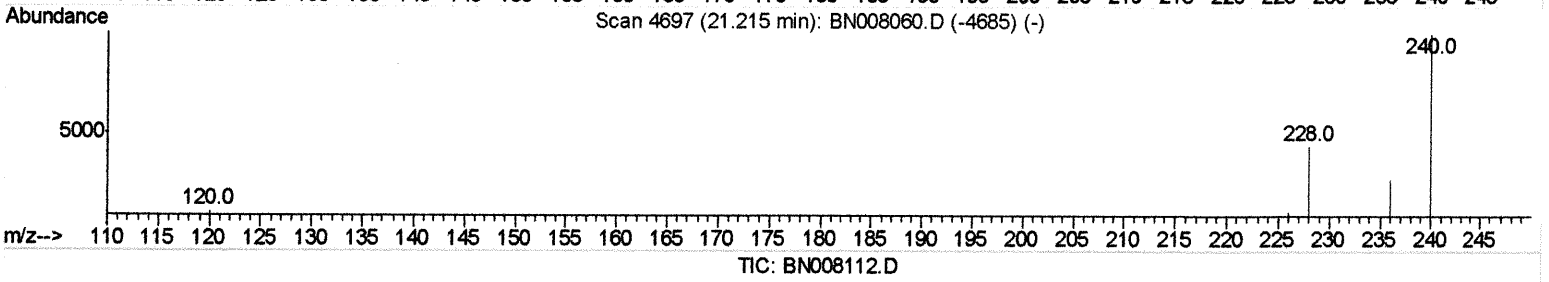
Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(16) Chrysene-d12 (I)

21.341min (+0.126) 0.40ng/ul

response 208

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	164.16#
236.00	28.40	95.20#
0.00	0.00	0.00

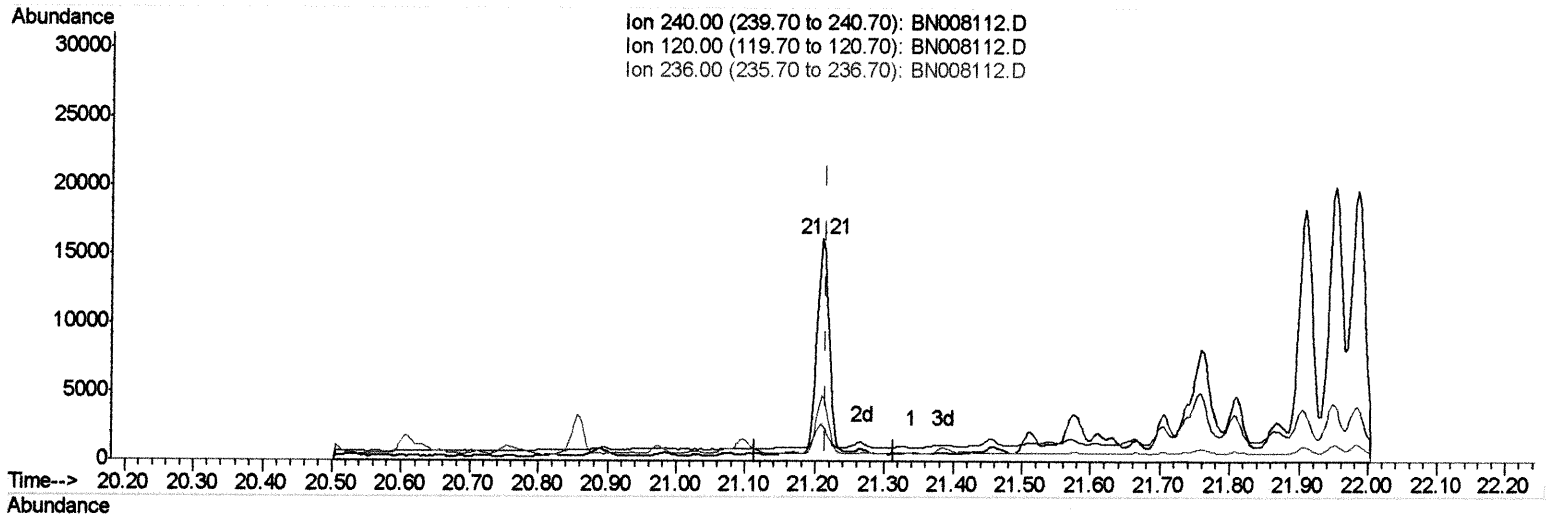
Quantitation Report (Qedit)

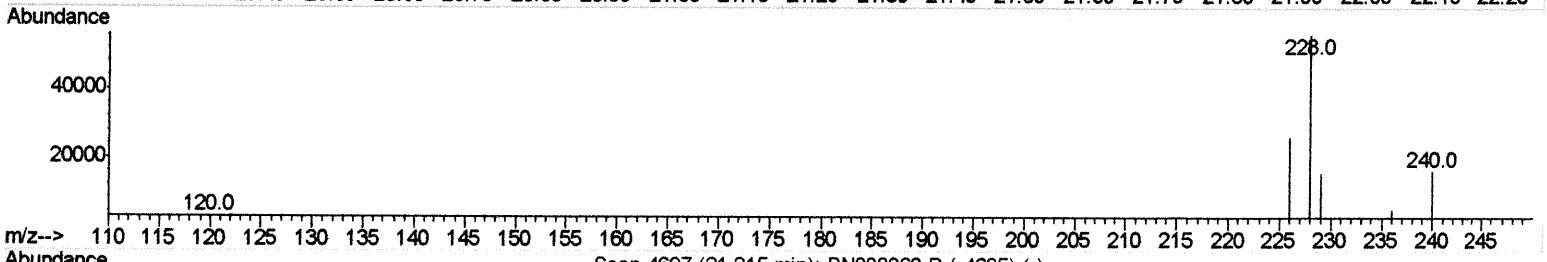
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

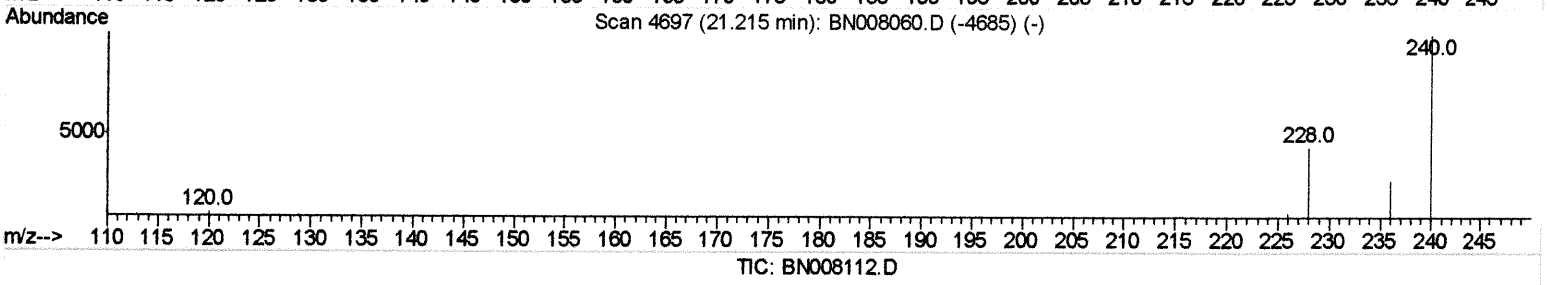
Quant Time: Oct 13 03:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(16) Chrysene-d12 (I)

21.210min (-0.006) 0.40ng/ul m RL 10/16/19

response 18762

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	16.43
236.00	28.40	29.55
0.00	0.00	0.00

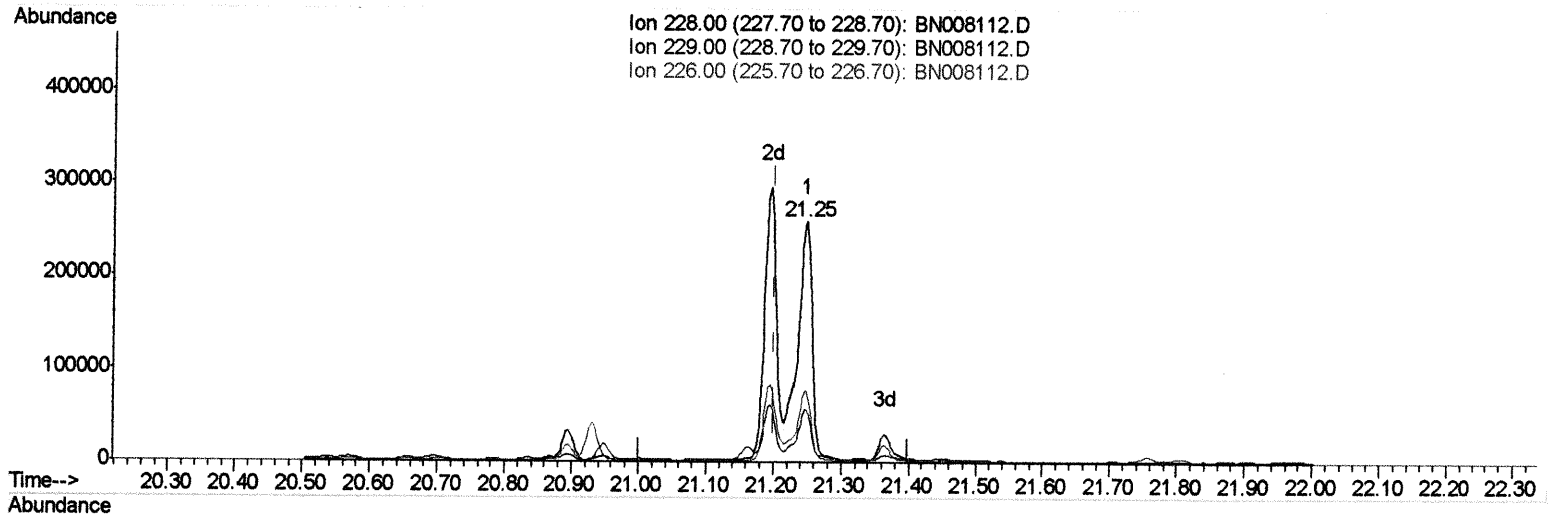
Quantitation Report (Qedit)

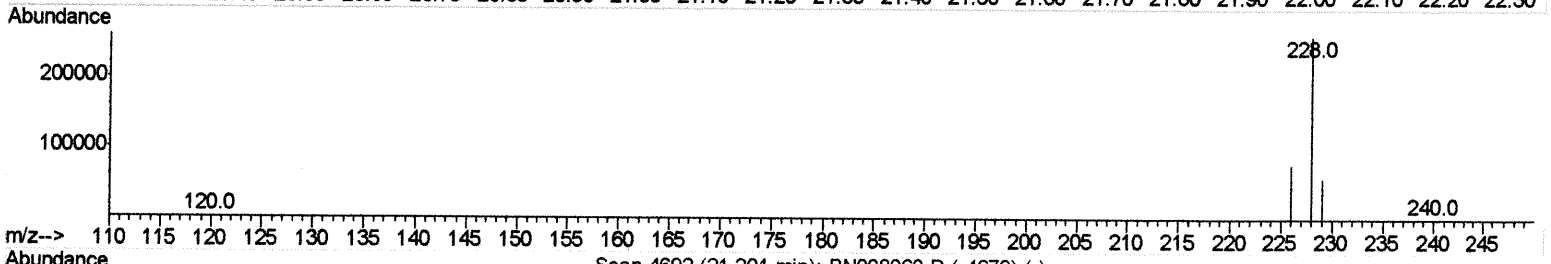
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

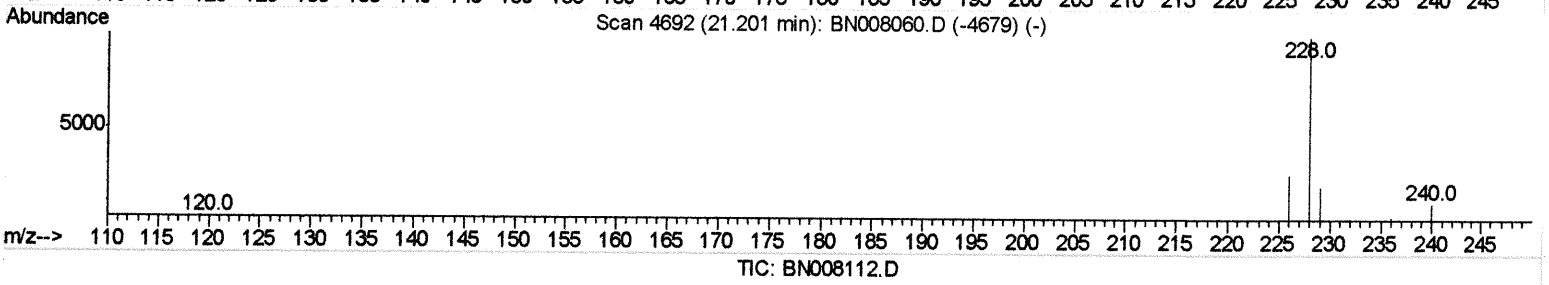
Quant Time: Oct 13 03:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(18) Benzo(a)anthracene

21.248min (+0.047) 5.67ng/ul

response 386590

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.85
226.00	26.70	29.41
0.00	0.00	0.00

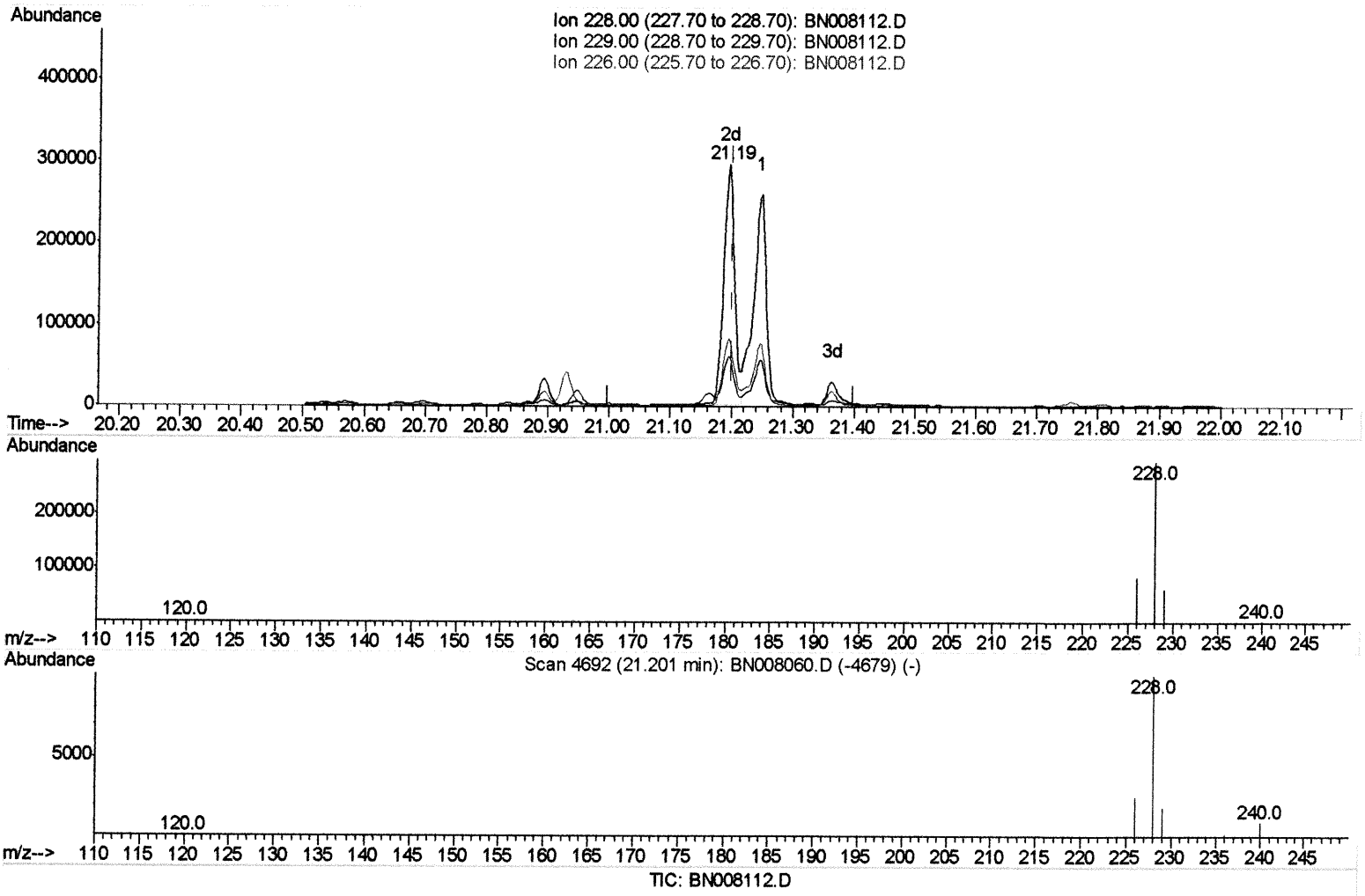
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(18) Benzo(a)anthracene

21.195min (-0.006) 5.25ng/ul m 10/16/19

response 358147

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.10
226.00	26.70	28.32
0.00	0.00	0.00

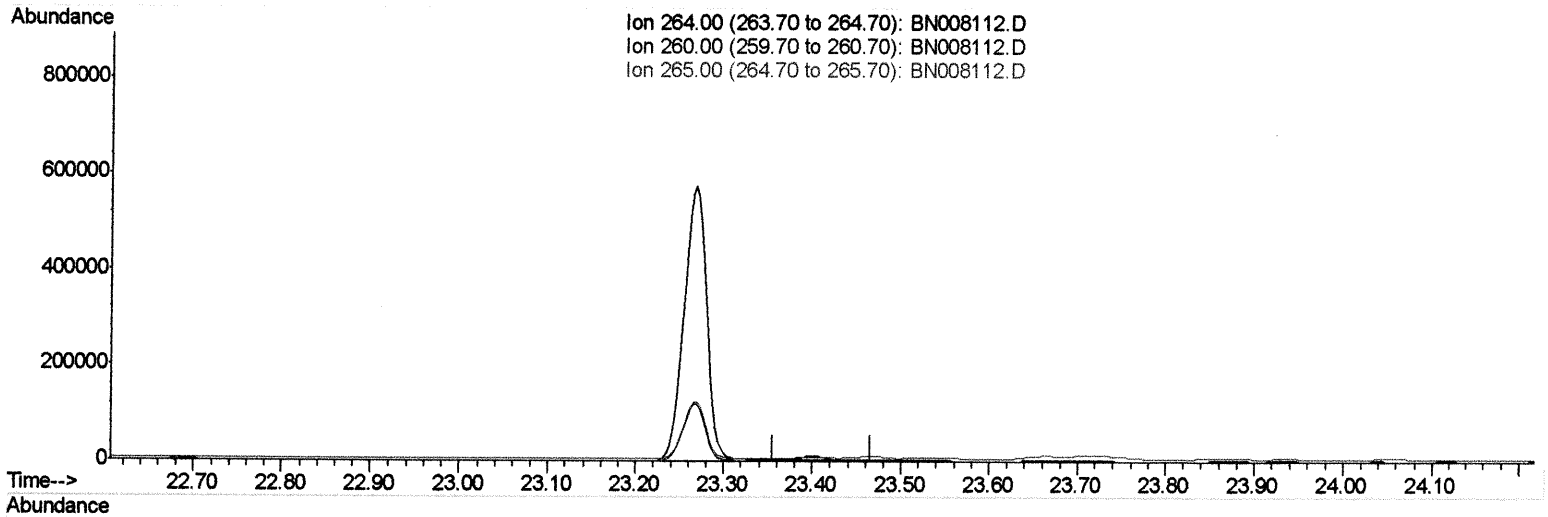
Quantitation Report (Qedit)

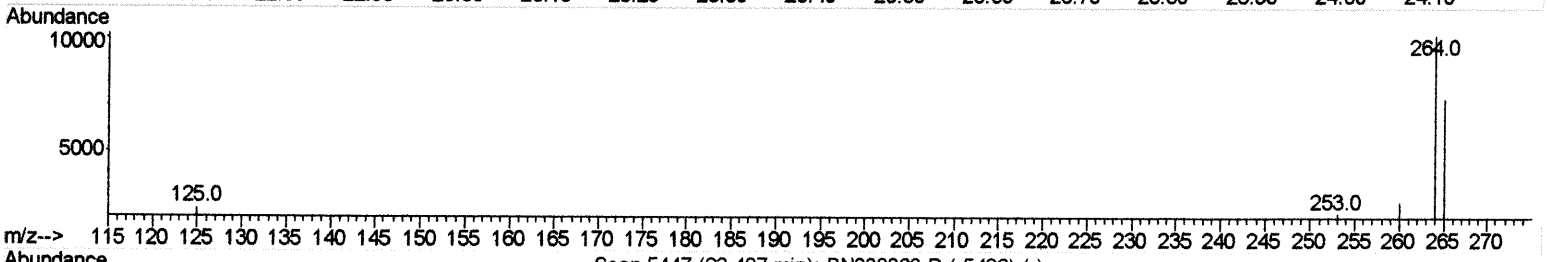
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

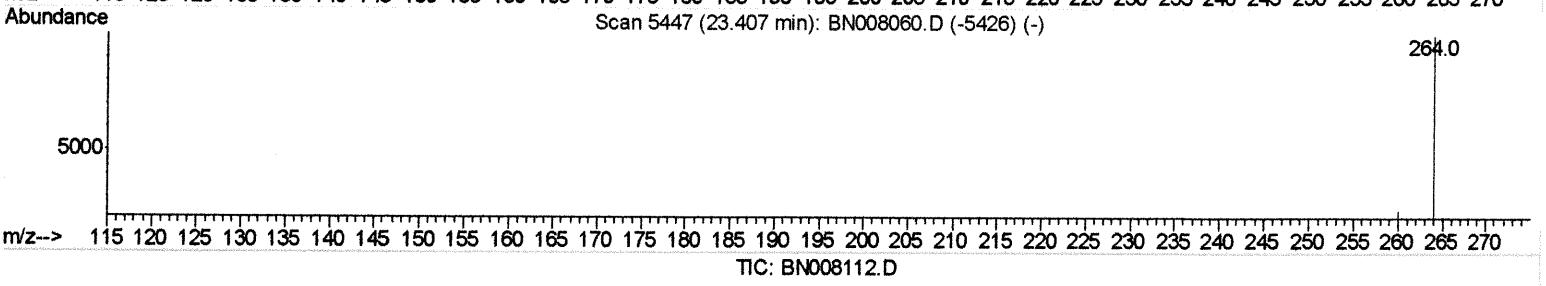
Quant Time: Oct 13 03:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







(20) Perylene-d12 (I)

23.407min (-23.407) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

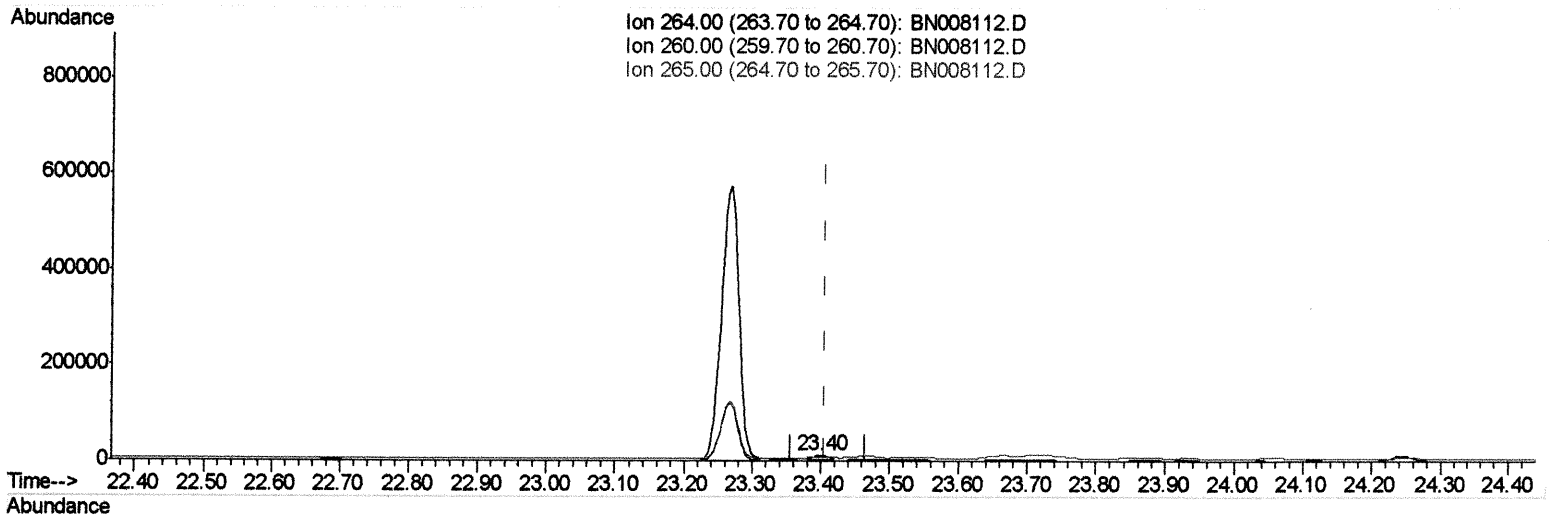
Quantitation Report (Qedit)

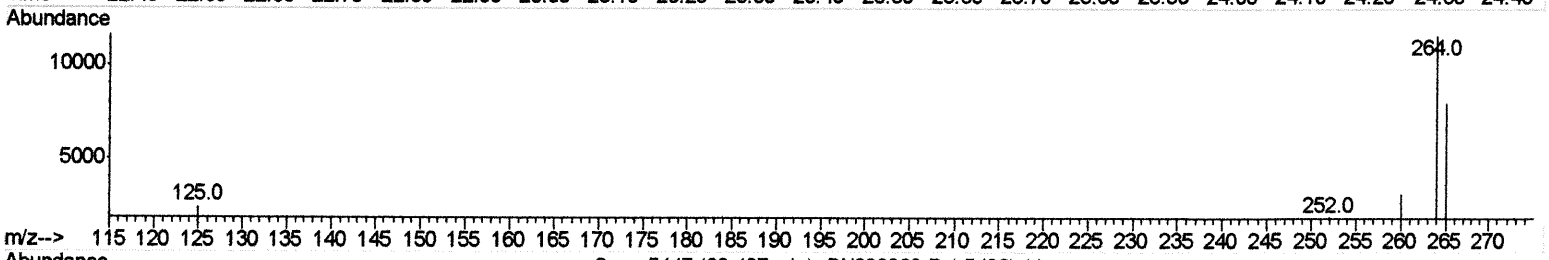
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

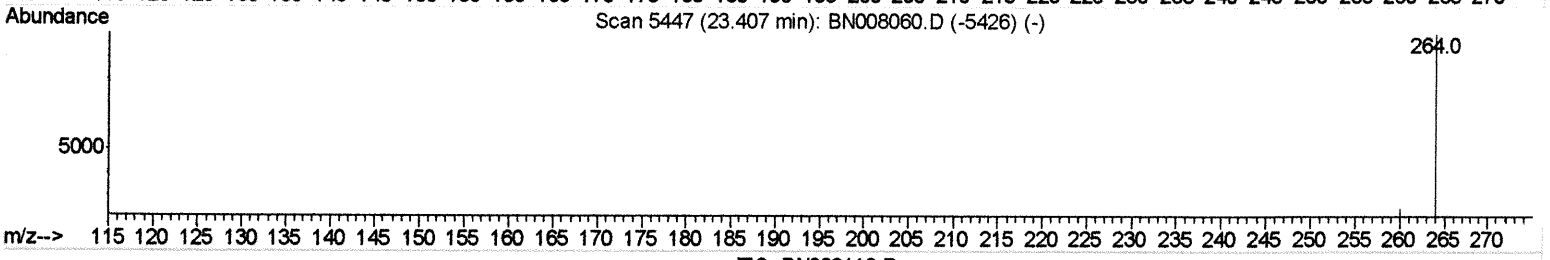
Quant Time: Oct 13 03:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(20) Perylene-d12 (I)

23.399min (-0.008) 0.40ng/ul m JL 10/16/19

response 16846

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.81
265.00	74.00	68.98
0.00	0.00	0.00

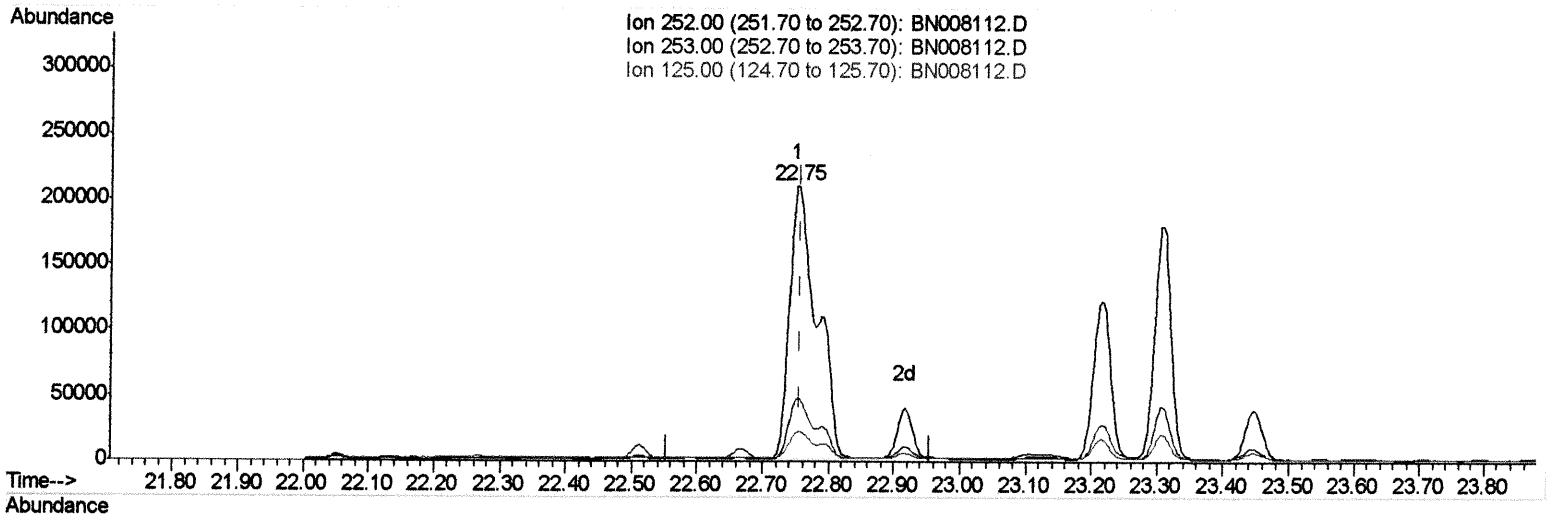
Quantitation Report (Qedit)

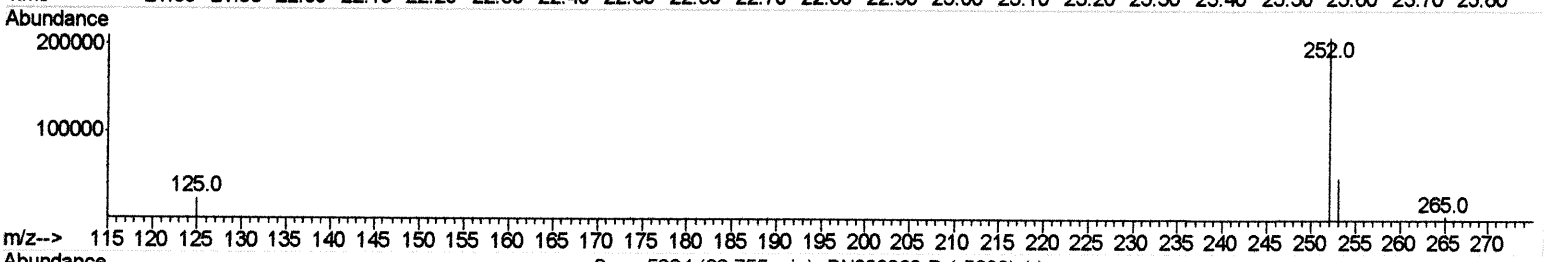
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

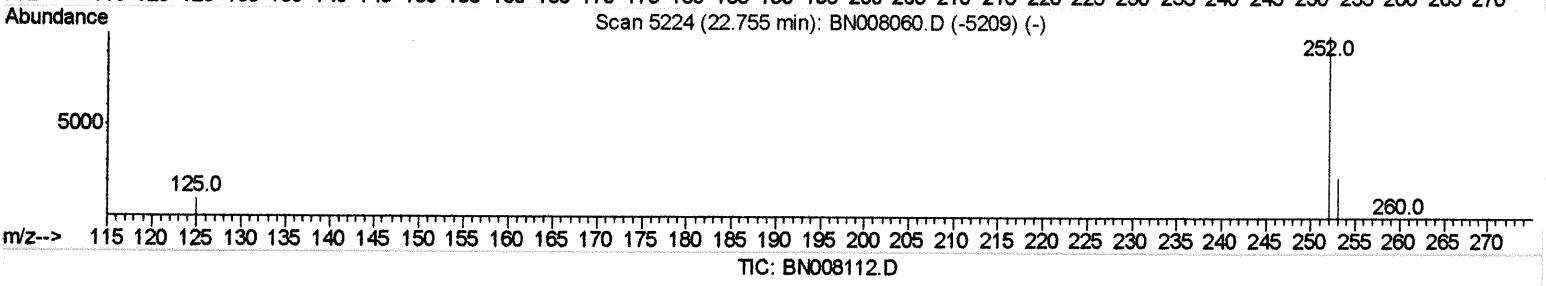
Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(21) Benzo(b)fluoranthene

22.750min (-0.006) 11.06ng/ul

response 606601

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.92
125.00	16.20	10.62
0.00	0.00	0.00

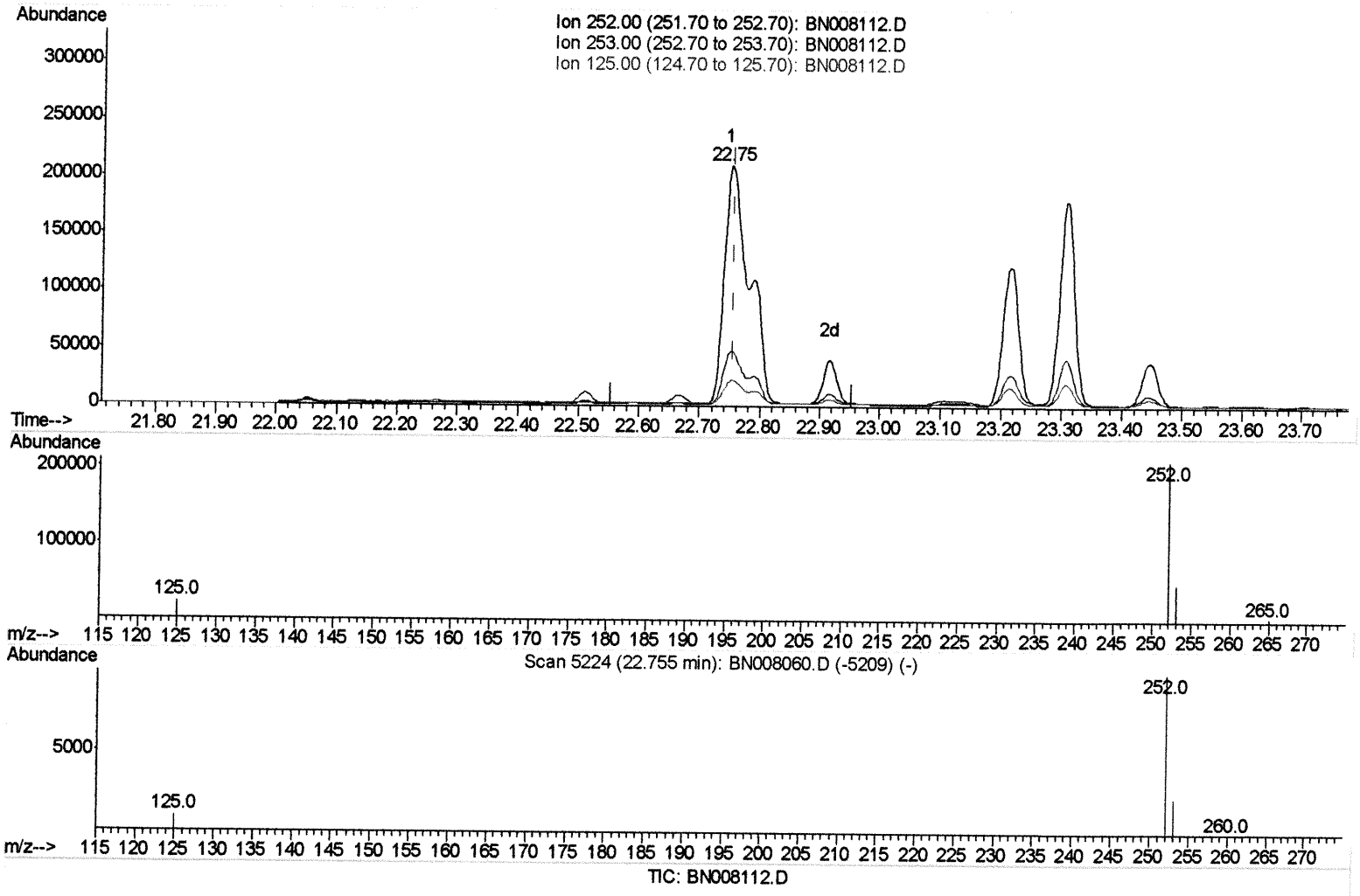
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM



TIC: BN008112.D

(21) Benzo(b)fluoranthene

22.750min (-0.006) 8.14ng/ul m JU 10/16/19

response 446284

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.92
125.00	16.20	10.62
0.00	0.00	0.00

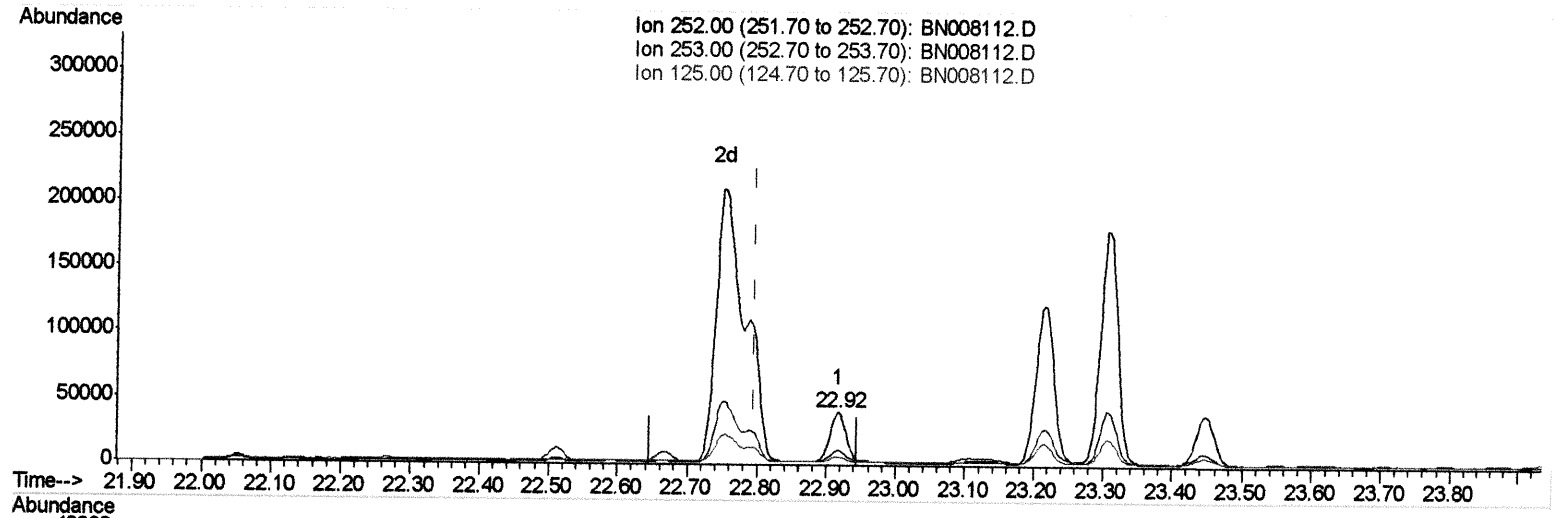
Quantitation Report (Qedit)

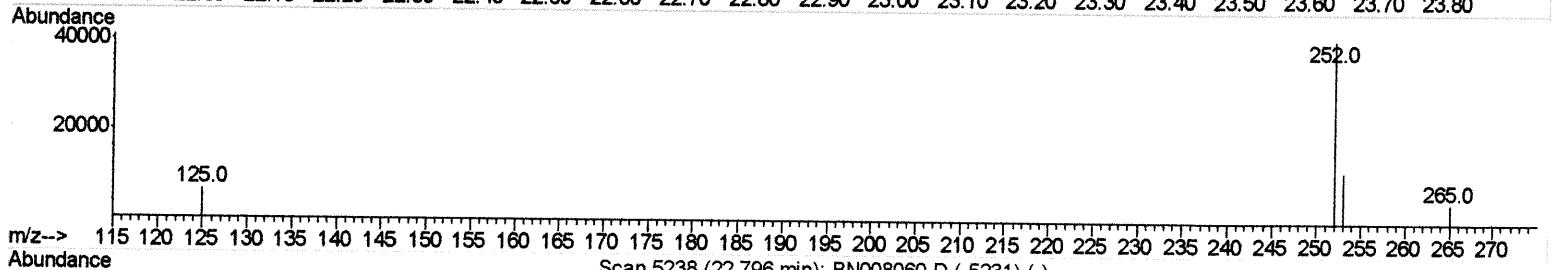
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

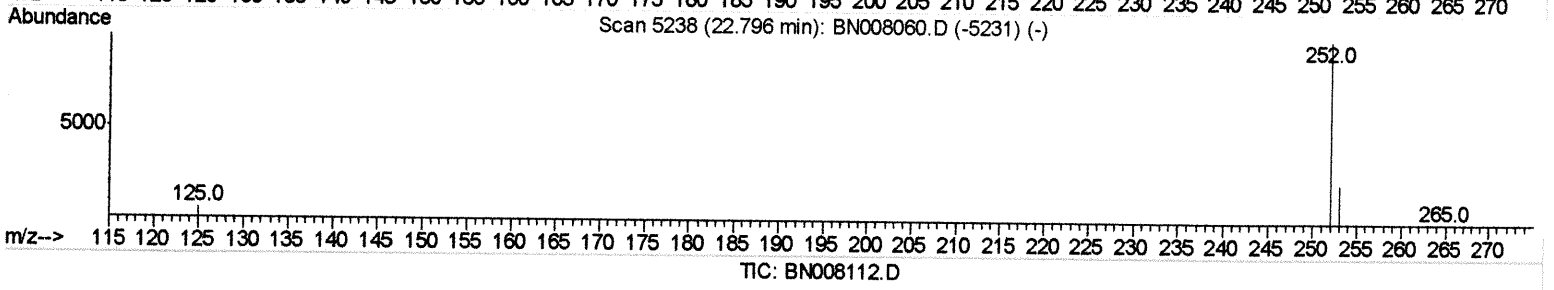
Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(22) Benzo(k)fluoranthene

22.916min (+0.120) 0.95ng/ul

response 58907

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.53
125.00	15.40	16.65
0.00	0.00	0.00

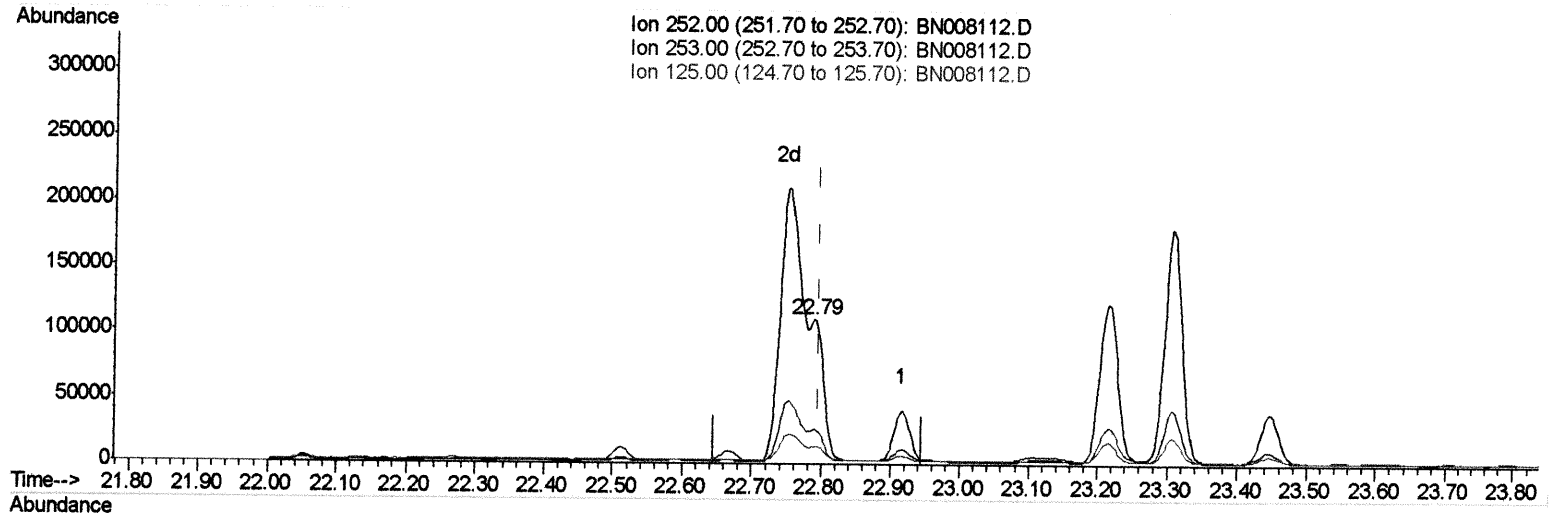
Quantitation Report (Qedit)

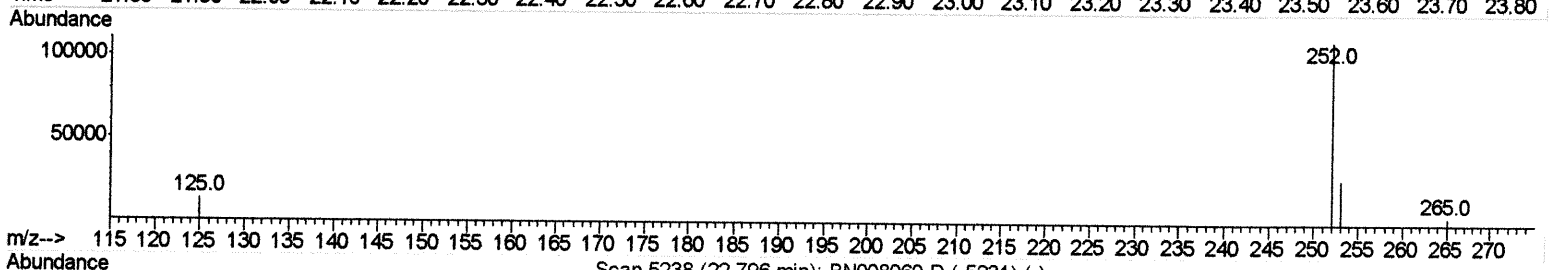
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

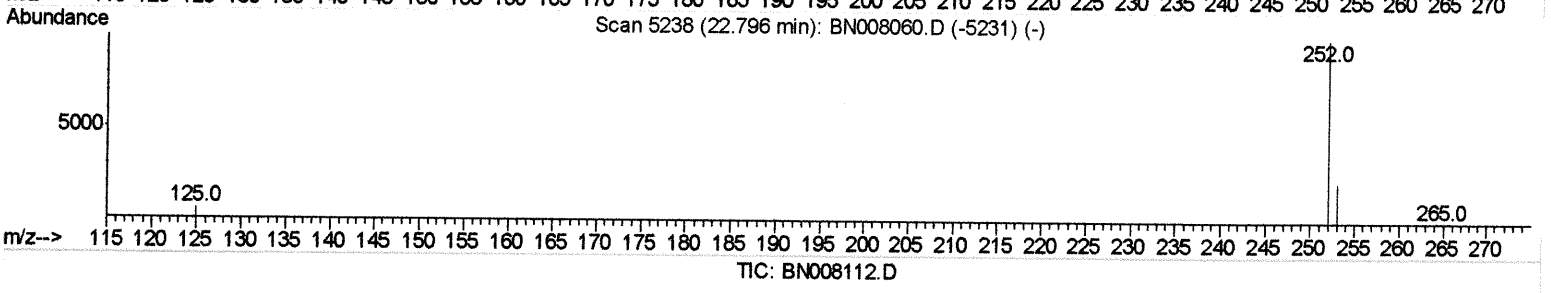
Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(22) Benzo(k)fluoranthene

22.788min (-0.009) 2.45ng/ul m JL 10/16/19

response 151922

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.24
125.00	15.40	12.09#
0.00	0.00	0.00

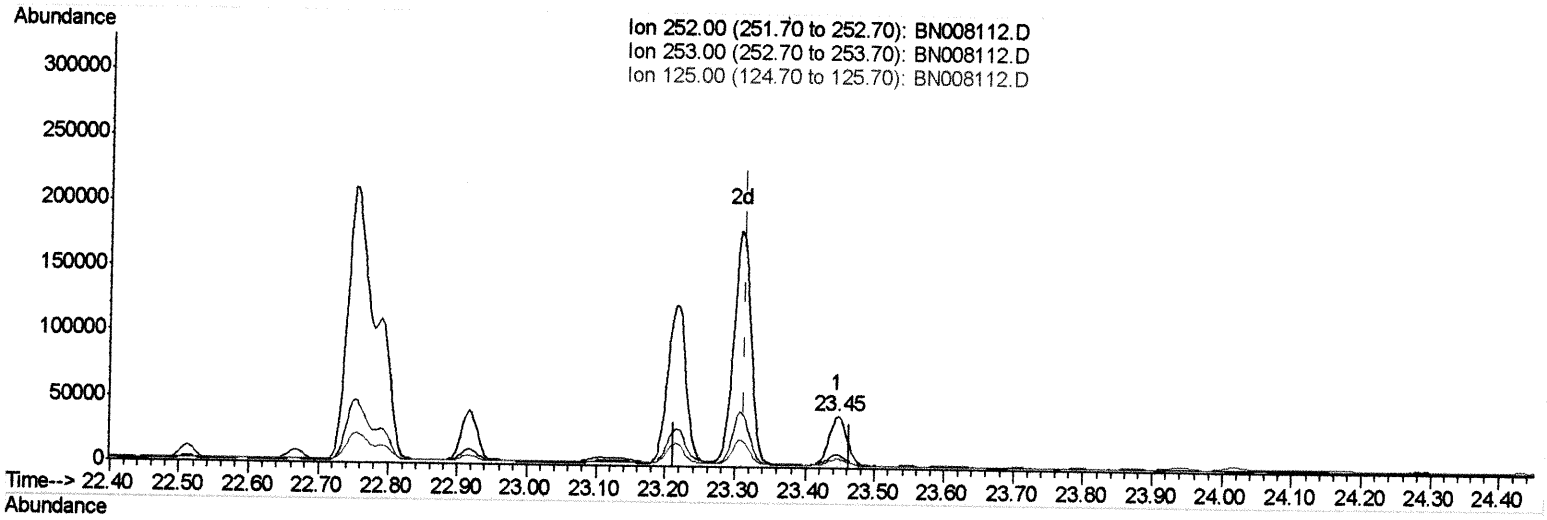
Quantitation Report (Qedit)

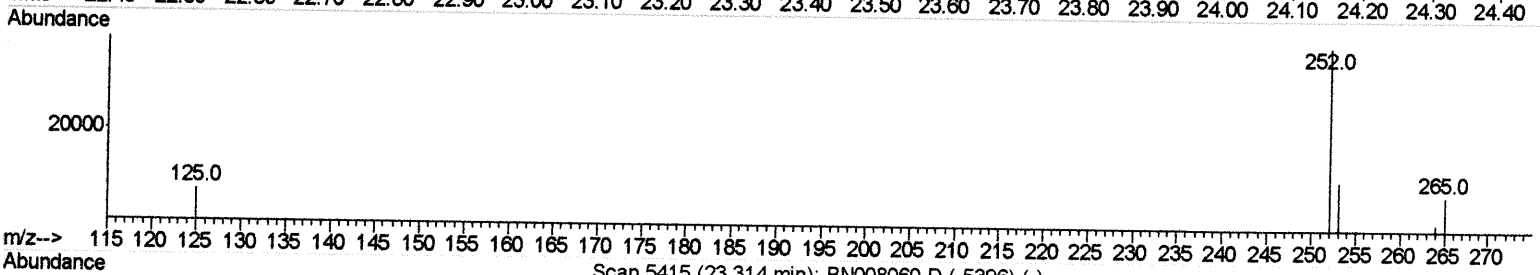
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

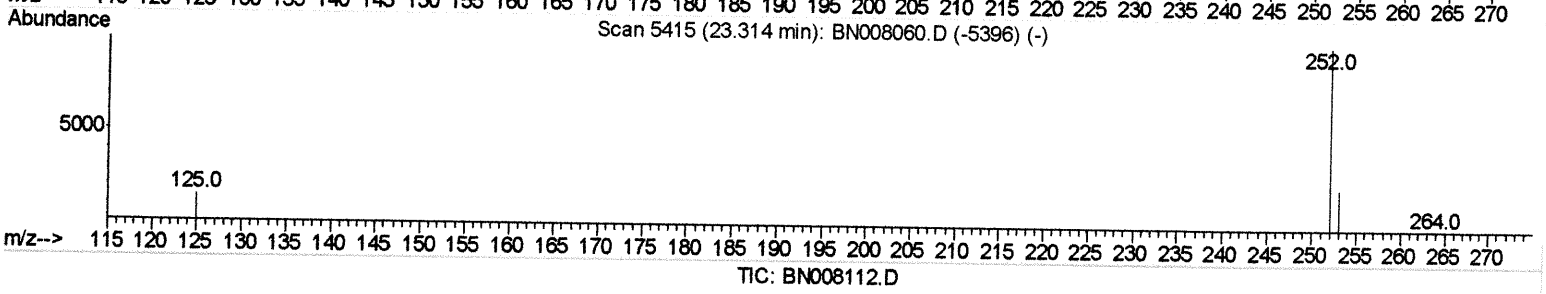
Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM







TIC: BN008112.D

(23) Benzo(a)pyrene (C)

23.445min (+0.132) 0.84ng/ul

response 48422

Ion	Exp%	Act%
252.00	100	100
253.00	28.50	27.28
125.00	23.00	18.73
0.00	0.00	0.00

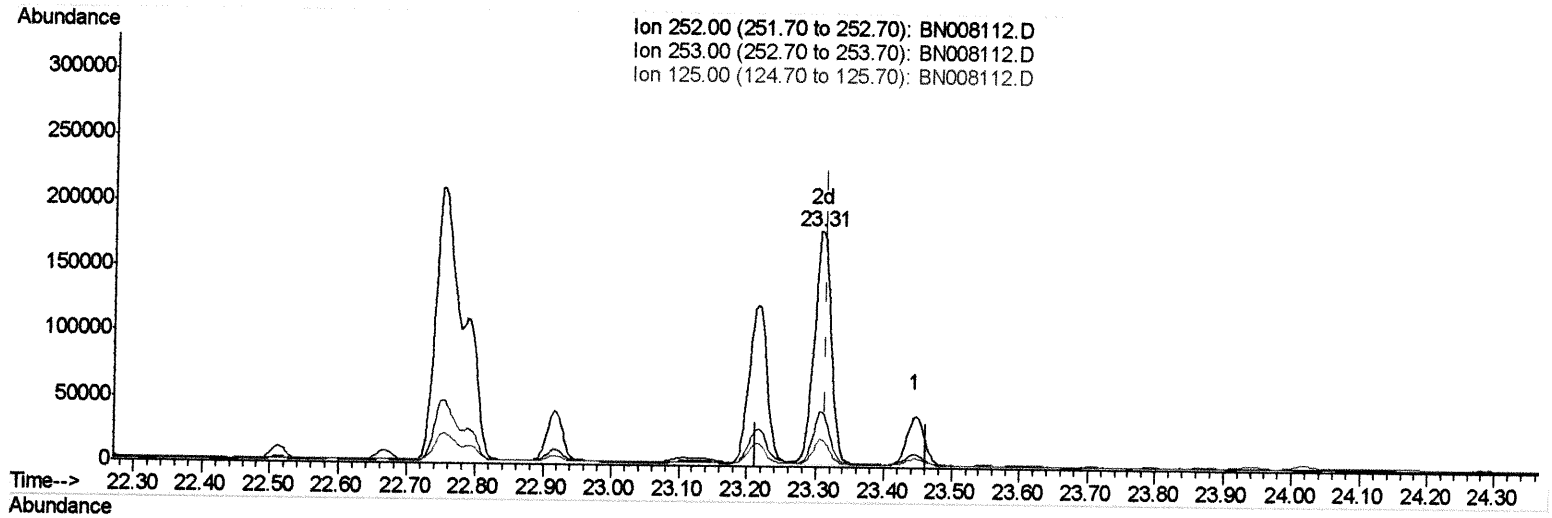
Quantitation Report (Qedit)

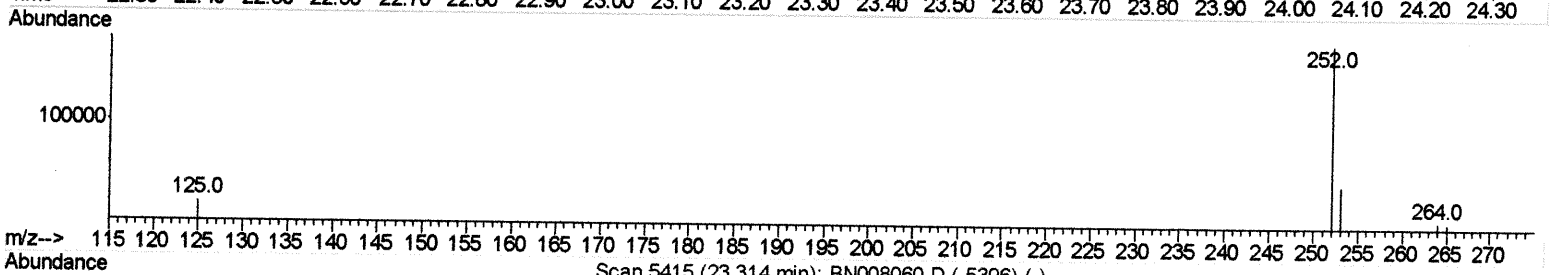
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 13 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

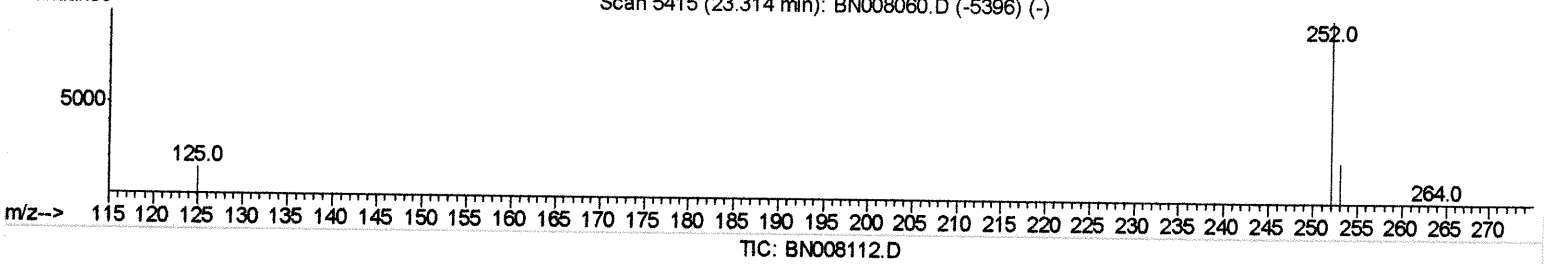
Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM





Scan 5415 (23.314 min): BN008060.D (-5396) (-)



TIC: BN008112.D

(23) Benzo(a)pyrene (C)

23.305min (-0.009) 5.35ng/ul m PR 10/16/19

response 308596

Ion	Exp%	Act%
252.00	100	100
253.00	28.50	23.15
125.00	23.00	11.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM

Quant Time: Oct 13 03:33:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.63	152	2434	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.39	136	11869	0.40	ng/ul	-0.01	
6) Acenaphthene-d10	14.26	164	7730	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.01	188	17965m	0.40	ng/ul	0.00	JU 10/16/19
16) Chrysene-d12	21.21	240	18762m	0.40	ng/ul	0.00	
20) Perylene-d12	23.40	264	16846m	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.00	152	4130	0.21	ng/ul	0.00	JU 10/16/19
14) Fluoranthene-d10	19.04	212	14081m	0.23	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	10.44	128	3719	0.110	ng/ul#	95	
5) 2-Methylnaphthalene	12.07	142	1917	0.083	ng/ul	99	
7) Acenaphthylene	13.98	152	23874	0.648	ng/ul	99	
8) Acenaphthene	14.32	153	5139	0.179	ng/ul	98	
9) Fluorene	15.31	166	8131	0.250	ng/ul	97	
12) Phenanthrene	17.05	178	182096m	3.462	ng/ul		JU 10/16/19
13) Anthracene	17.14	178	41078m	0.887	ng/ul		
15) Fluoranthene	19.07	202	577917m	8.319	ng/ul		
17) Pyrene	19.44	202	562538	7.530	ng/ul	100	
18) Benzo(a)anthracene	21.19	228	358147m	5.250	ng/ul		JU 10/16/19
19) Chrysene	21.25	228	383366	4.580	ng/ul	98	
21) Benzo(b)fluoranthene	22.75	252	446284m	8.138	ng/ul		JU 10/16/19
22) Benzo(k)fluoranthene	22.79	252	151922m	2.446	ng/ul		
23) Benzo(a)pyrene	23.31	252	308596m	5.348	ng/ul		
24) Indeno(1,2,3-cd)pyrene	25.58	276	172605	2.540	ng/ul#	97	
25) Dibenzo(a,h)anthracene	25.59	278	44903	0.836	ng/ul	96	
26) Benzo(g,h,i)perylene	26.24	276	171342	2.749	ng/ul	97	

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