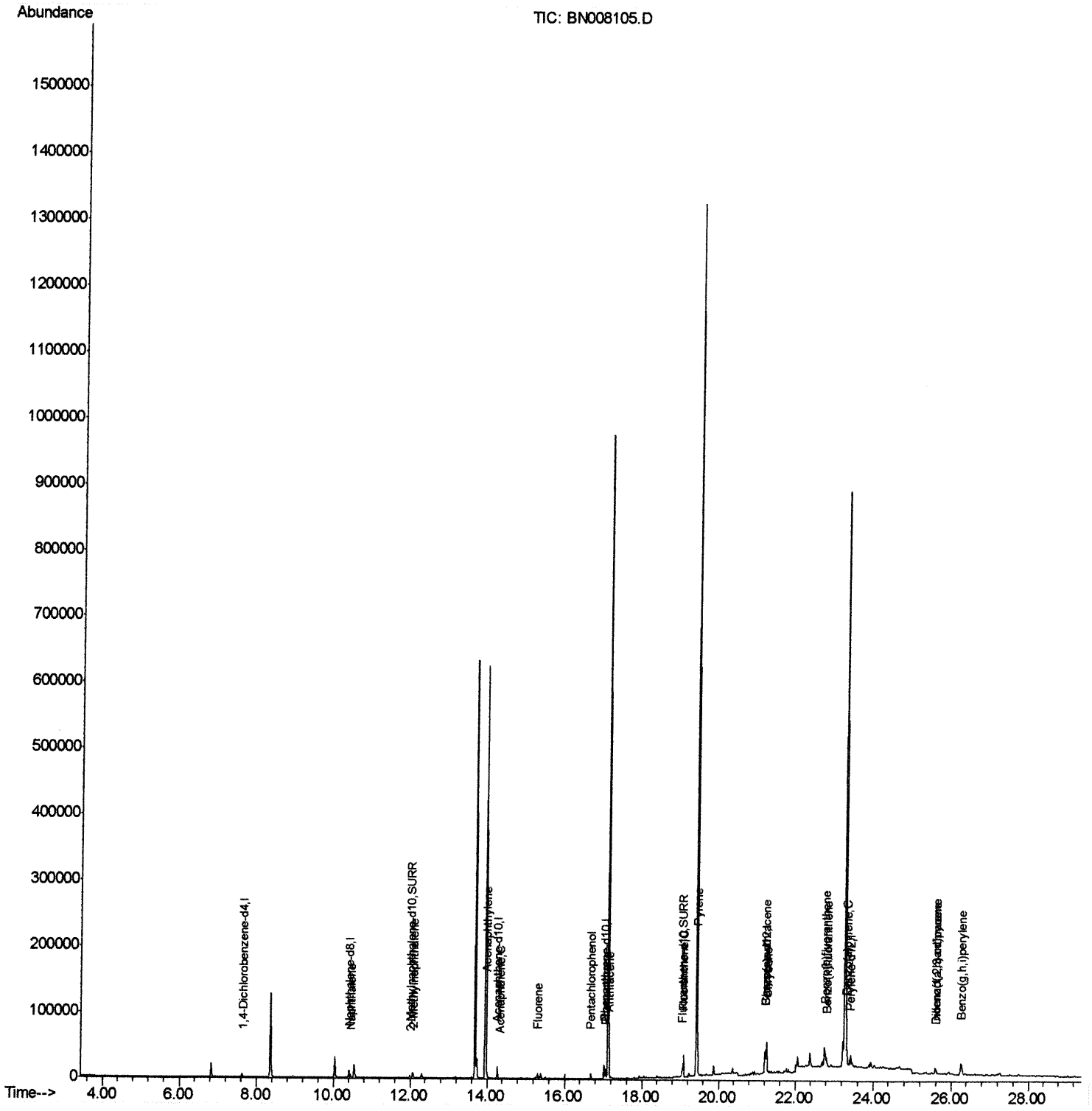
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:32:15 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



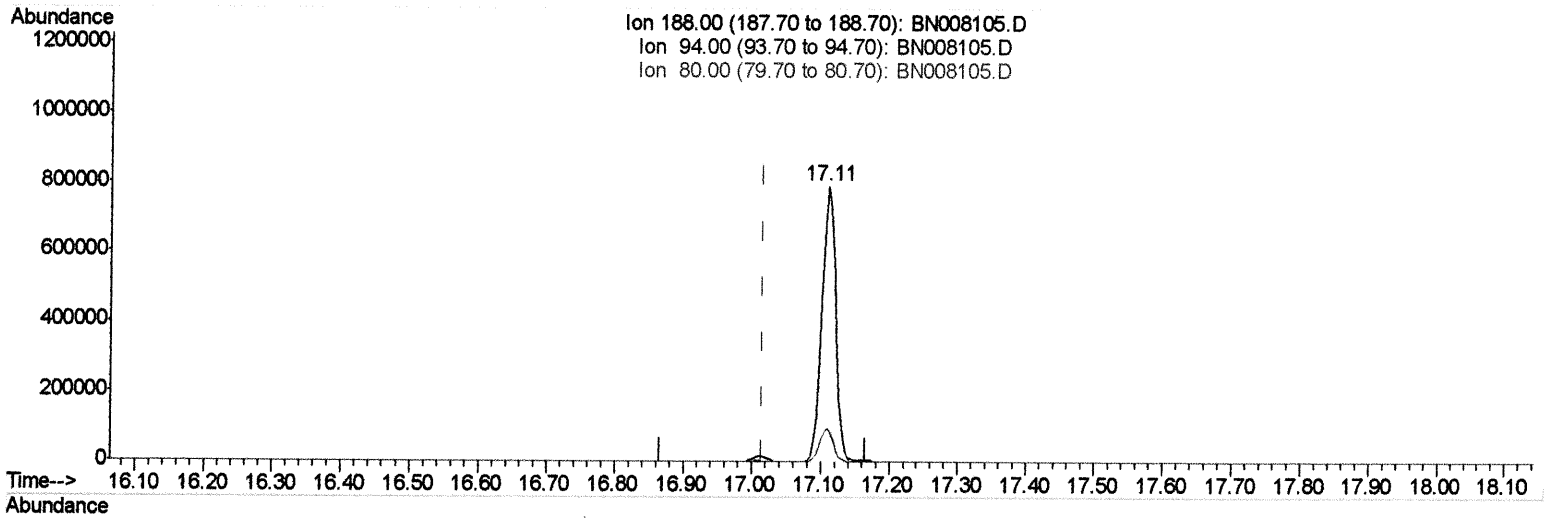
Quantitation Report (Qedit)

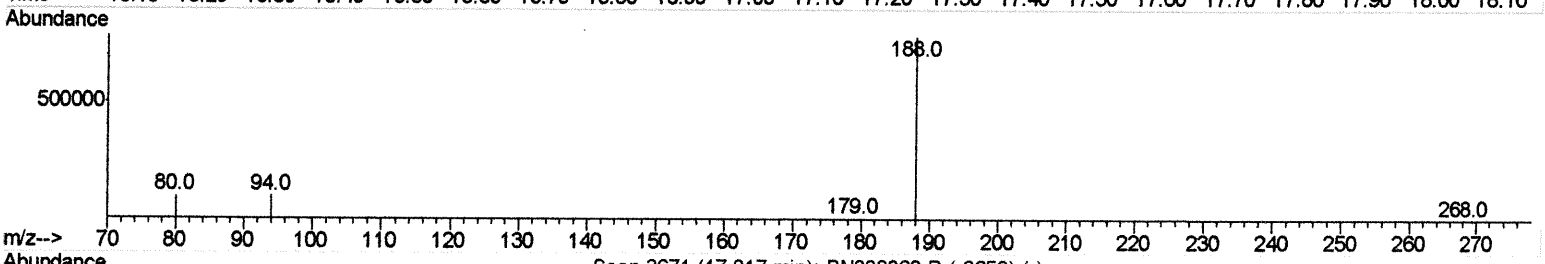
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

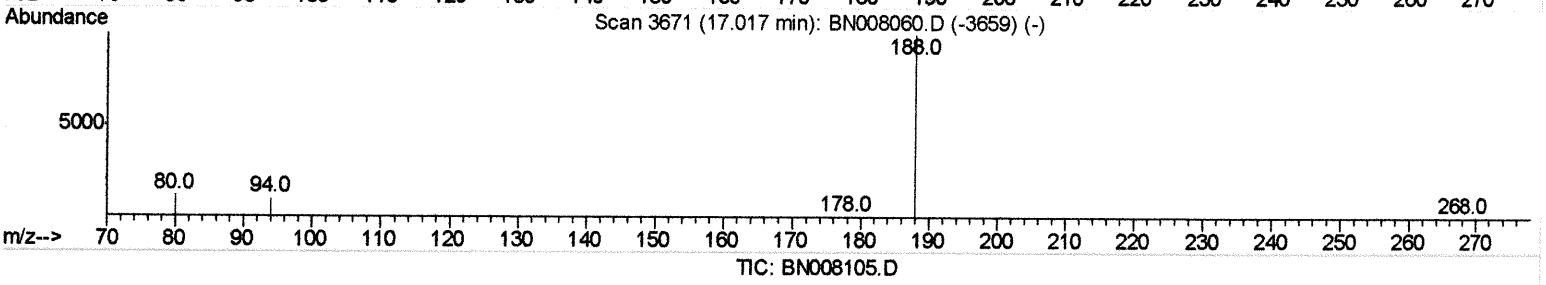
Quant Time: Oct 12 21:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 1097777

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.09
80.00	12.60	11.70
0.00	0.00	0.00

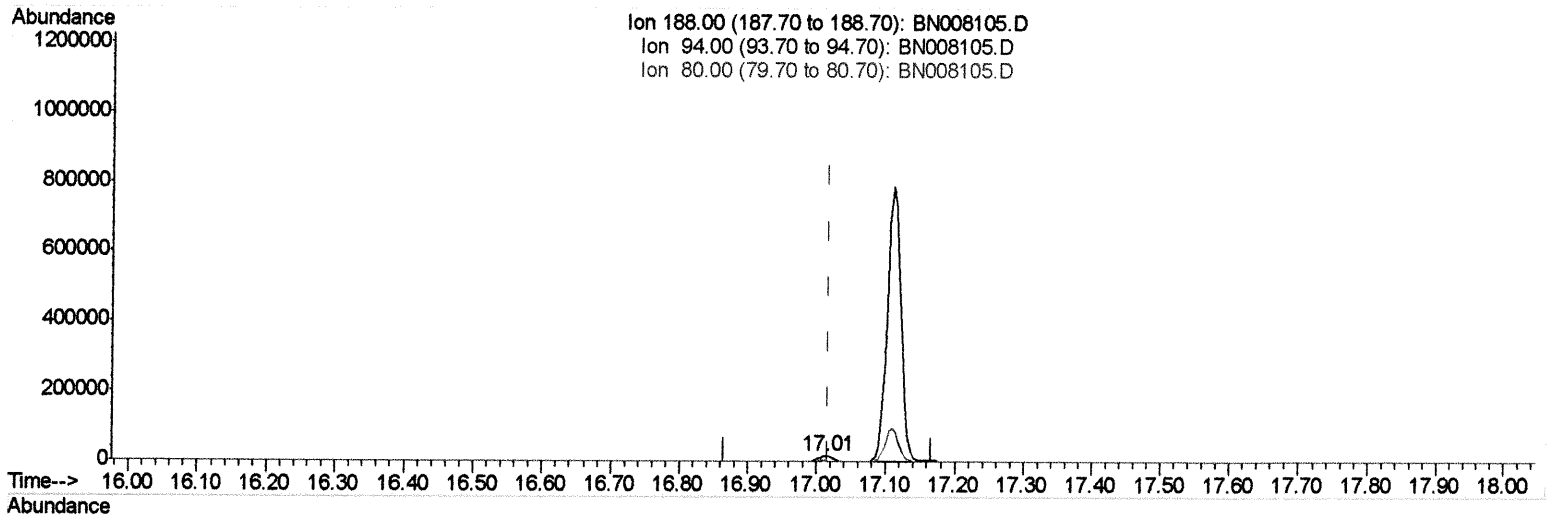
Quantitation Report (Qedit)

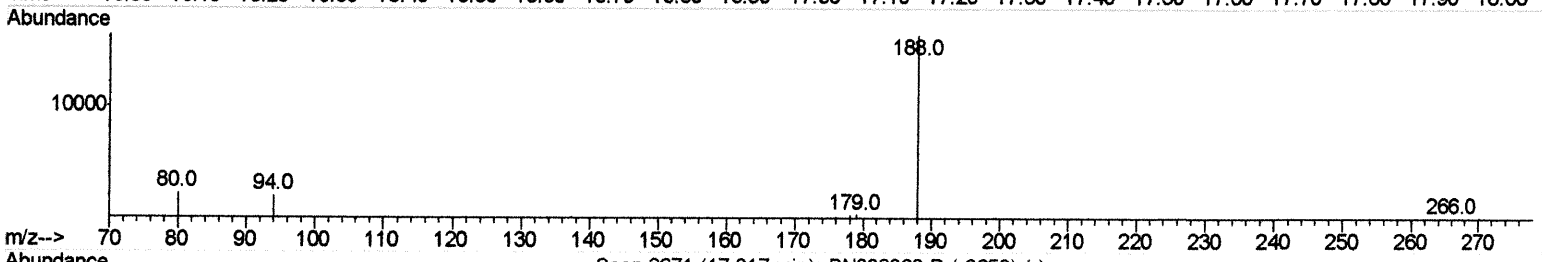
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

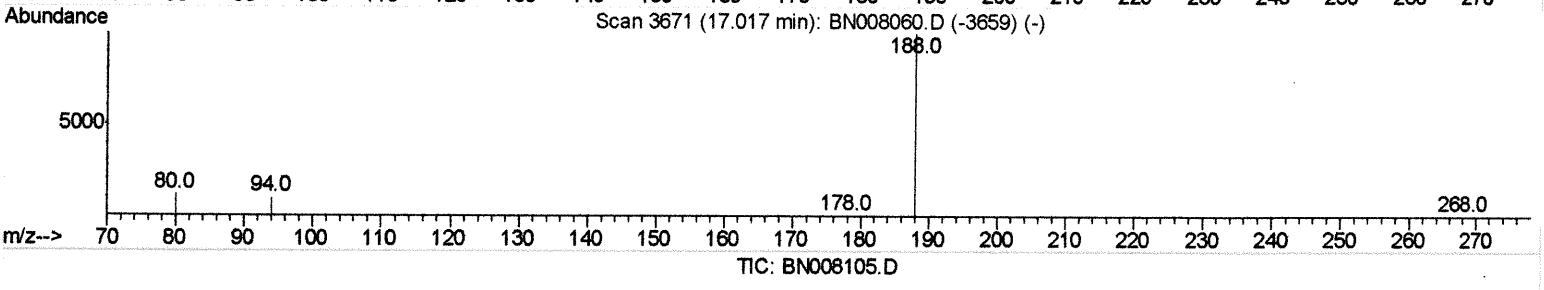
Quant Time: Oct 12 21:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(10) Phenanthrene-d10 (I)

17.013min (-0.004) 0.40ng/ul m JU 10/16/19

response 22551

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.40
80.00	12.60	13.66
0.00	0.00	0.00

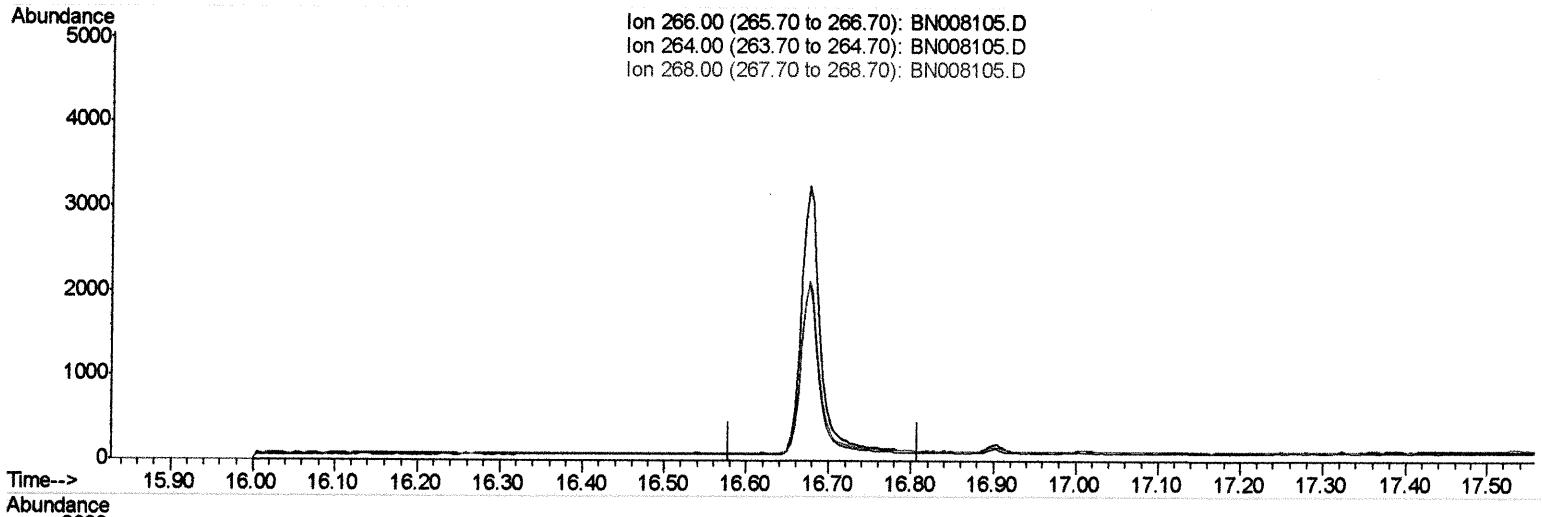
Quantitation Report (Qedit)

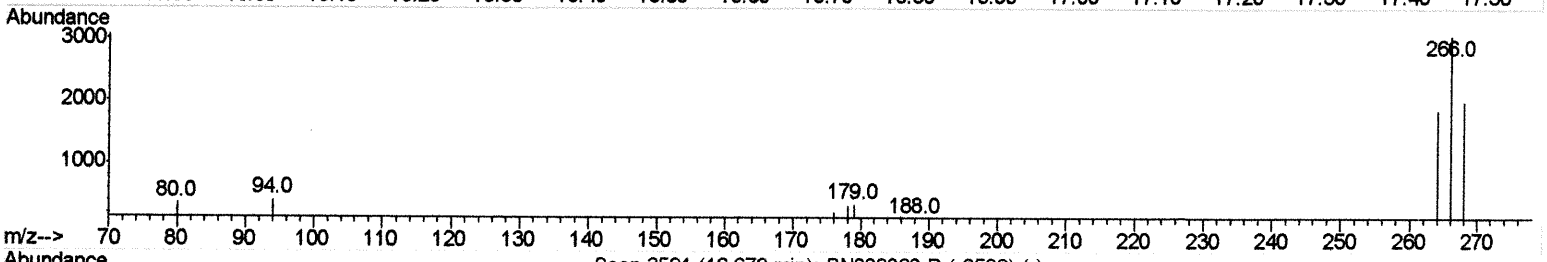
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

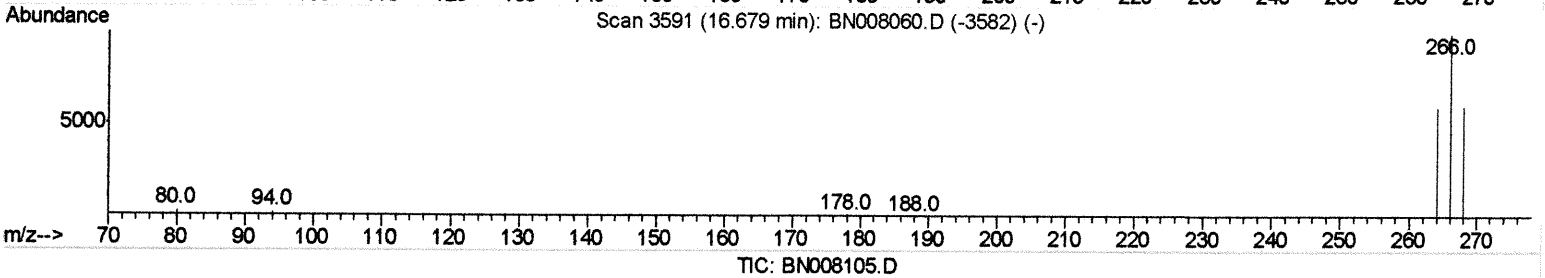
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(11) Pentachlorophenol

16.679min (-16.679) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	62.60	0.00#
268.00	64.90	0.00#
0.00	0.00	0.00

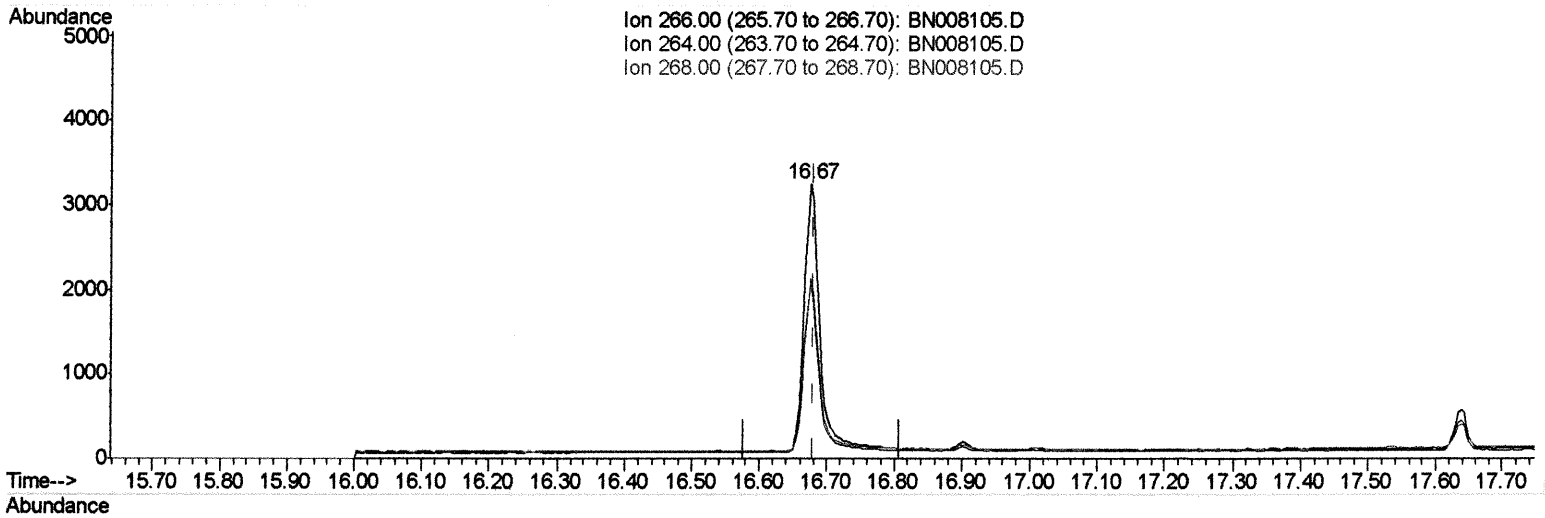
Quantitation Report (Qedit)

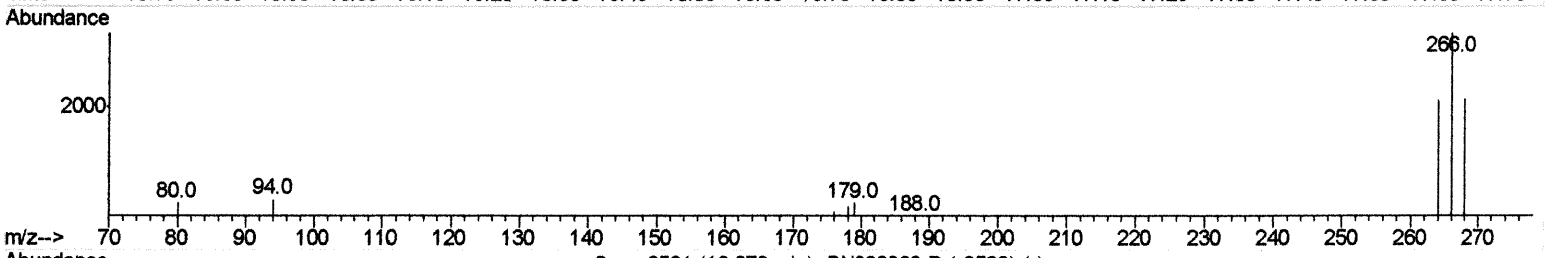
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

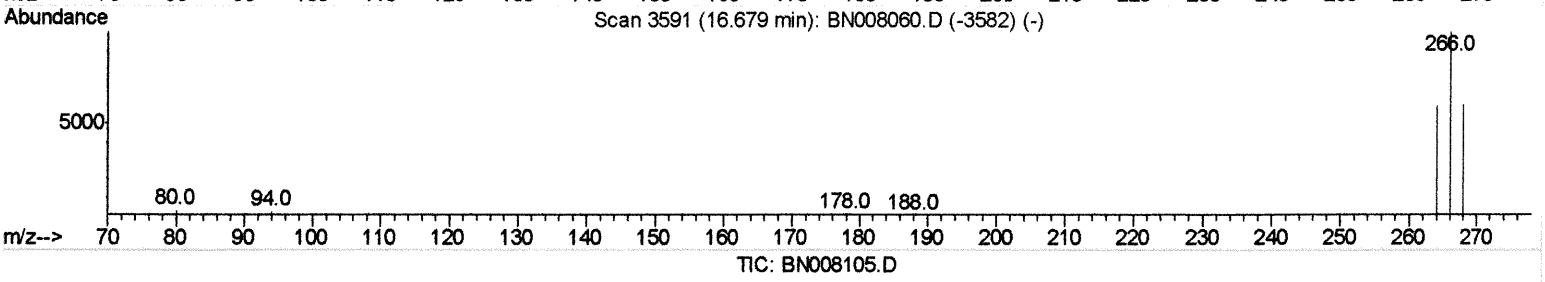
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(11) Pentachlorophenol

16.675min (-0.004) 0.95ng/ul m JU 10/16/19

response 5158

Ion	Exp%	Act%
266.00	100	100
264.00	62.60	0.00#
268.00	64.90	0.00#
0.00	0.00	0.00

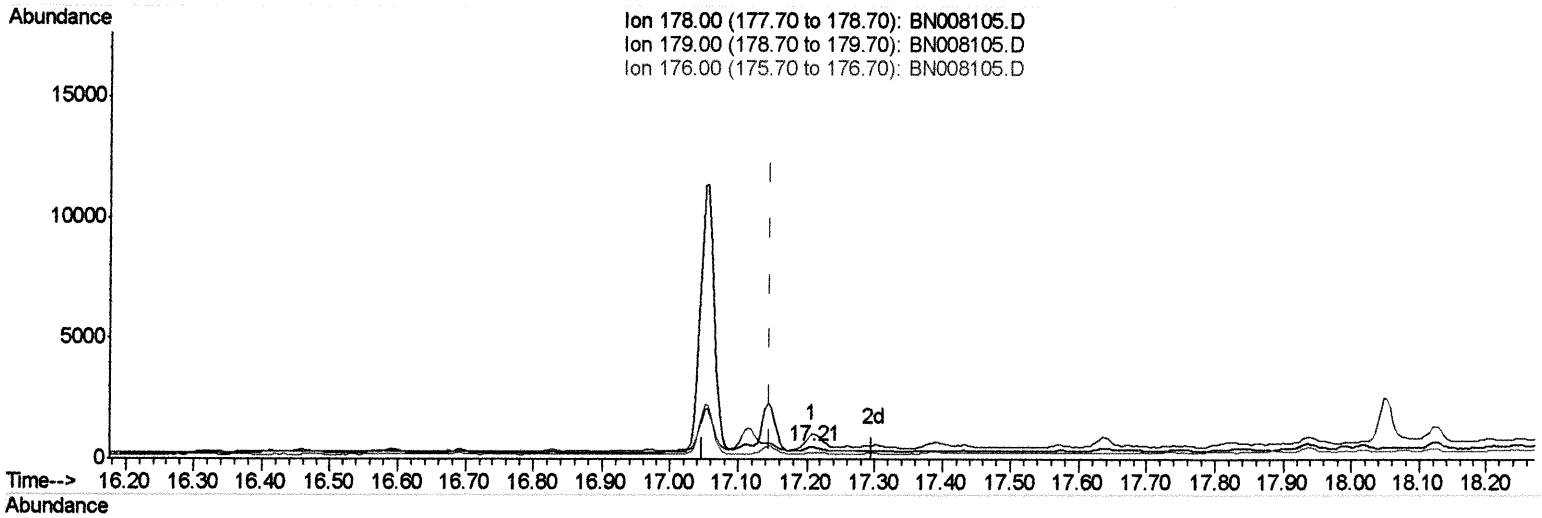
Quantitation Report (Qedit)

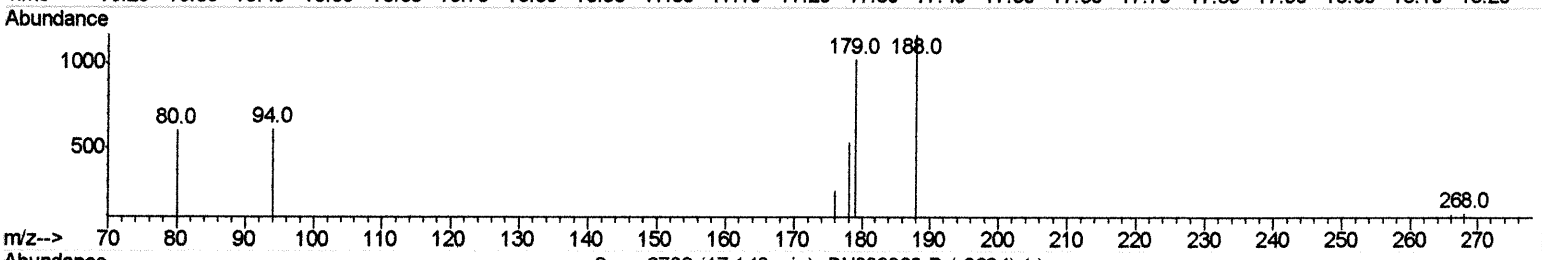
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

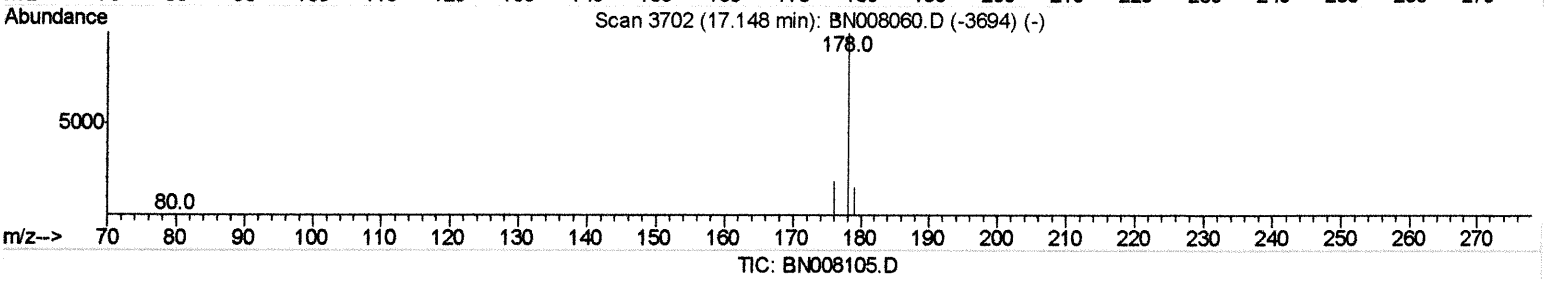
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(13) Anthracene

17.207min (+0.059) 0.01ng/ul

response 374

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	192.86#
176.00	18.80	47.56#
0.00	0.00	0.00

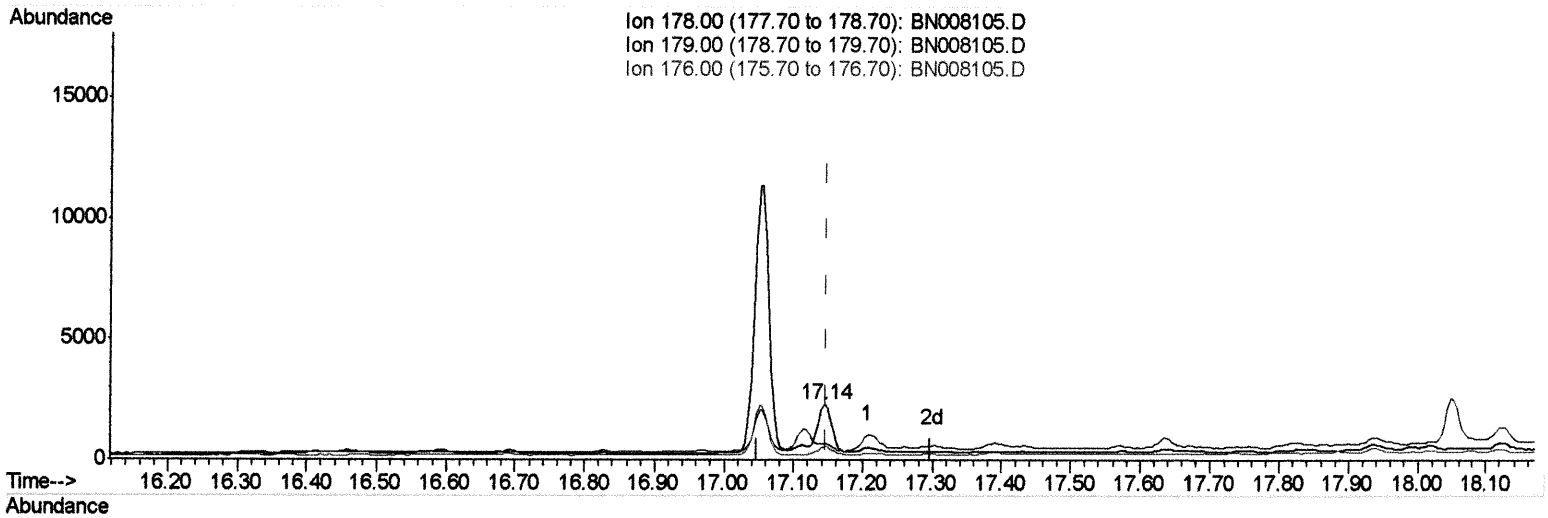
Quantitation Report (Qedit)

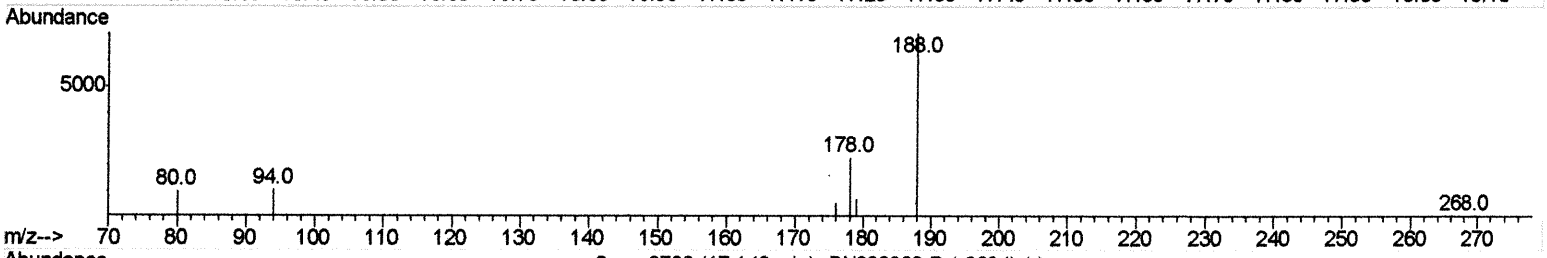
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

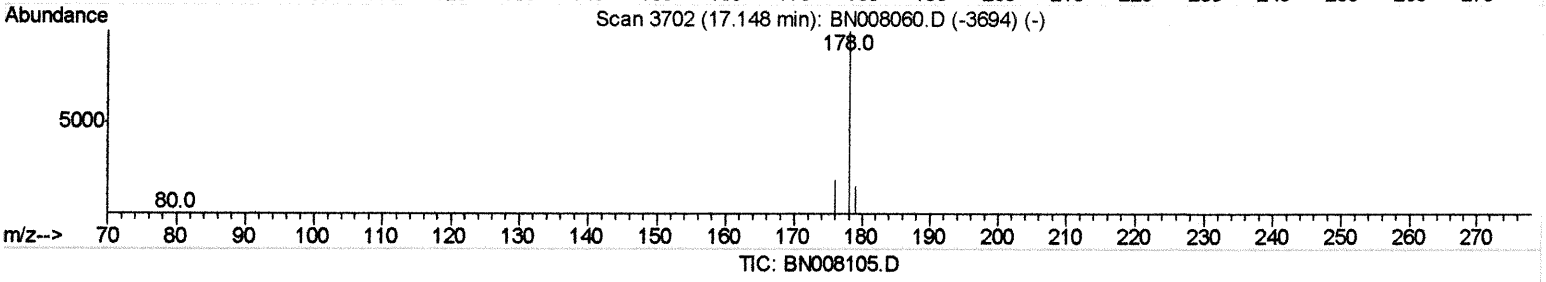
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(13) Anthracene

17.144min (-0.004) 0.04ng/ul m JL 10/16/19

response 2613

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	30.30#
176.00	18.80	25.62#
0.00	0.00	0.00

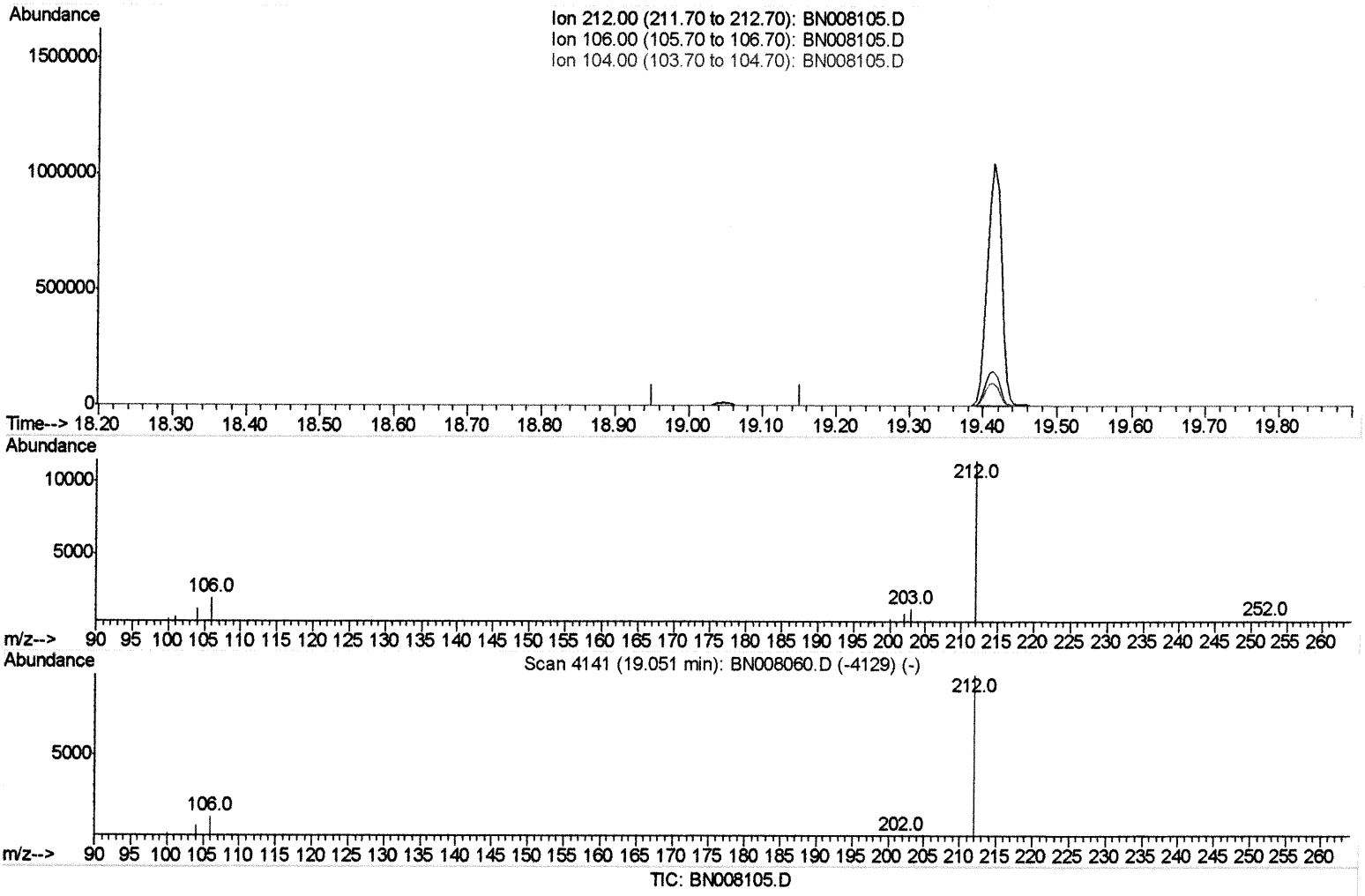
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ul

response 0

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

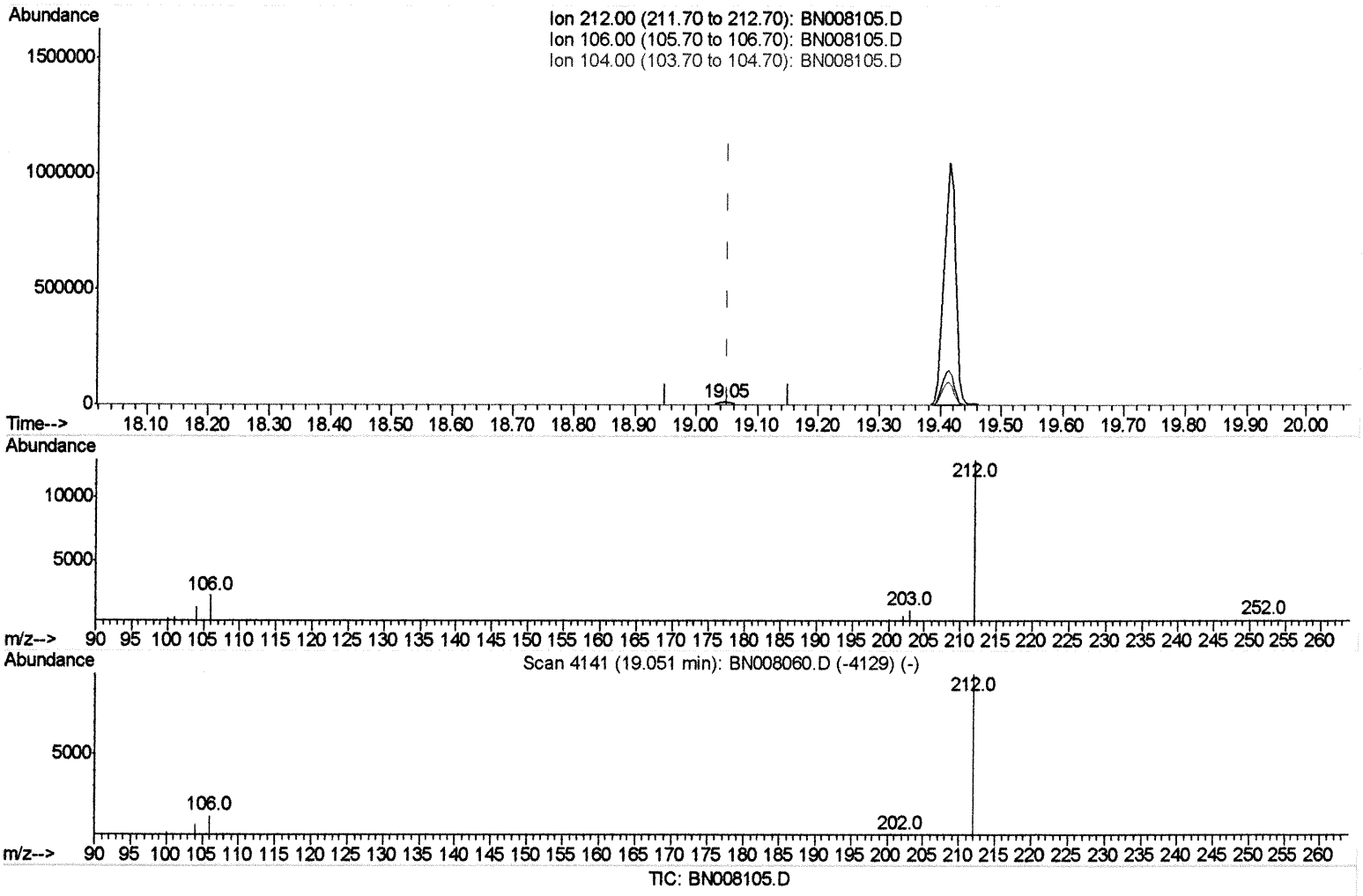
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



(14) Fluoranthene-d10 (SURR)

19.046min (-0.005) 0.21ng/ul m JU 10/16/19

response 16382

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

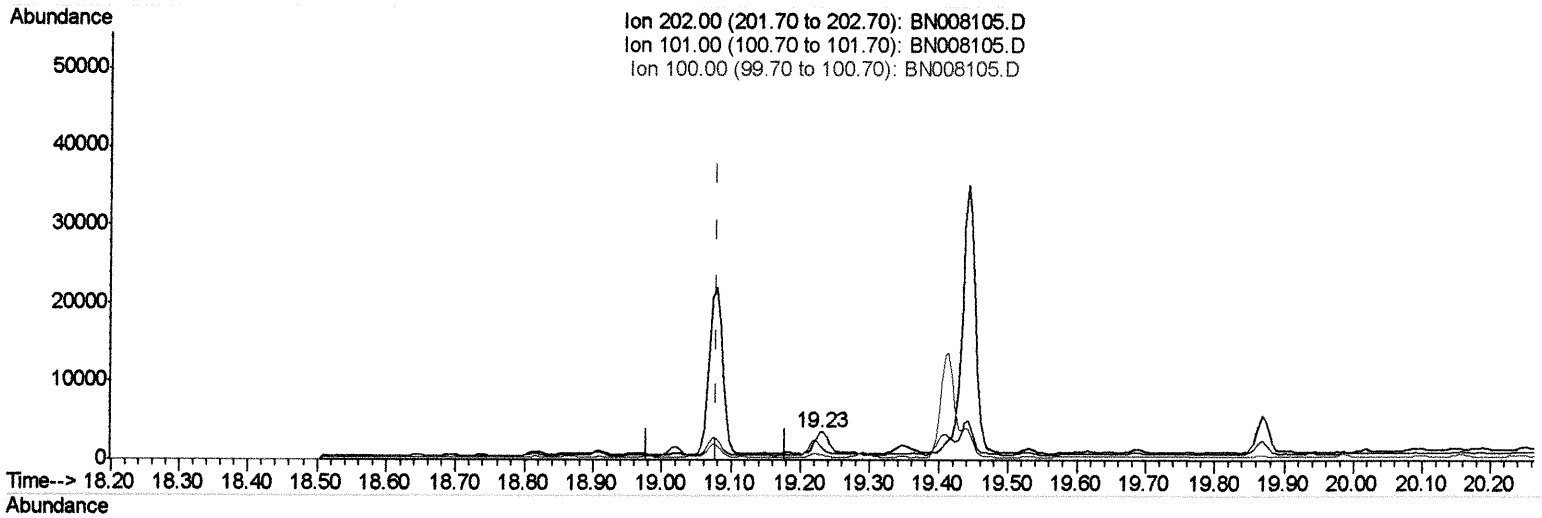
Quantitation Report (Qedit)

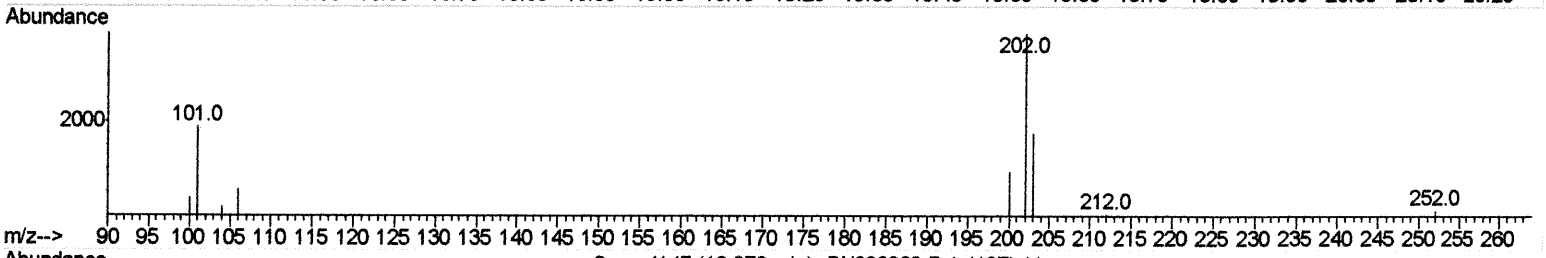
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

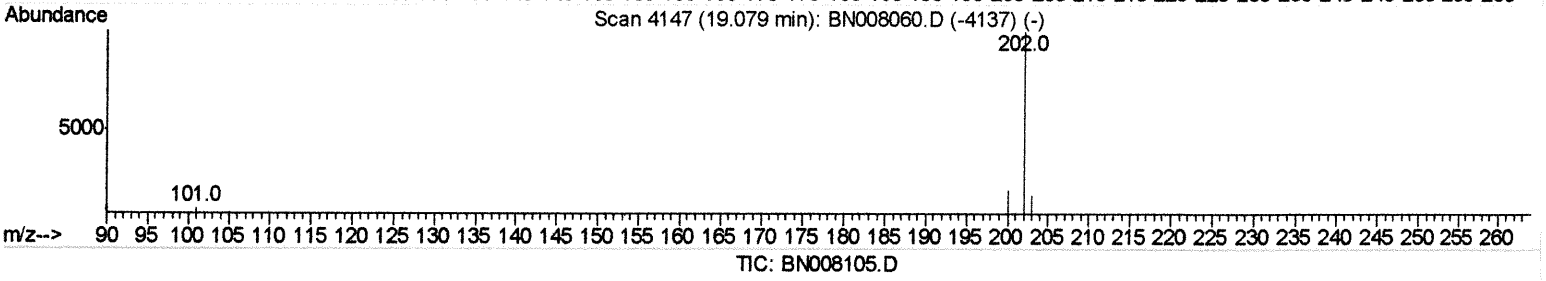
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(15) Fluoranthene (C)

19.228min (+0.149) 0.05ng/ul

response 3951

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	54.56#
100.00	8.50	19.86
0.00	0.00	0.00

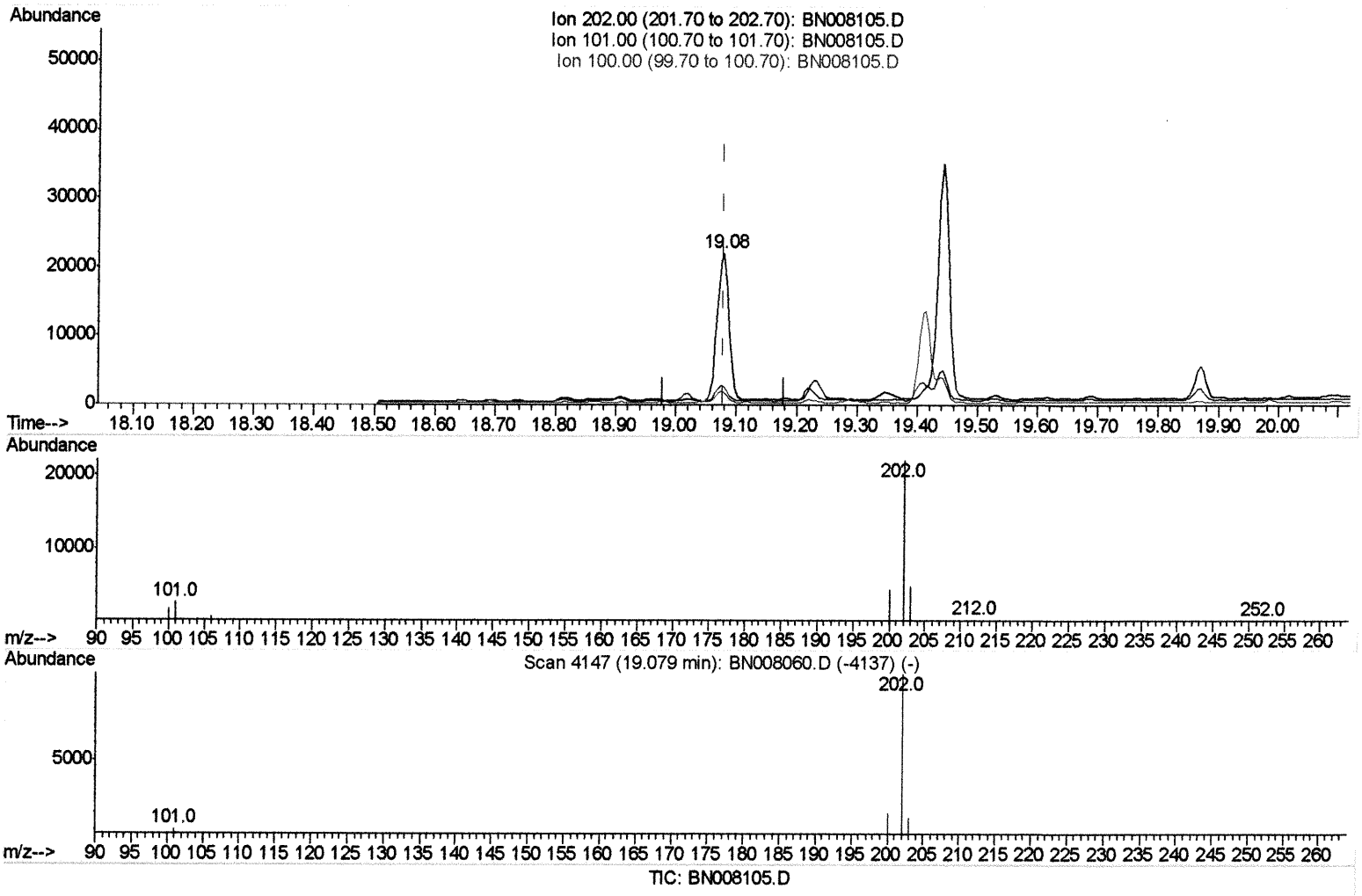
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



TIC: BN008105.D

(15) Fluoranthene (C)

19.079min (+0.000) 0.33ng/ul m JU 10/16/19

response 28935

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	12.39
100.00	8.50	8.57
0.00	0.00	0.00

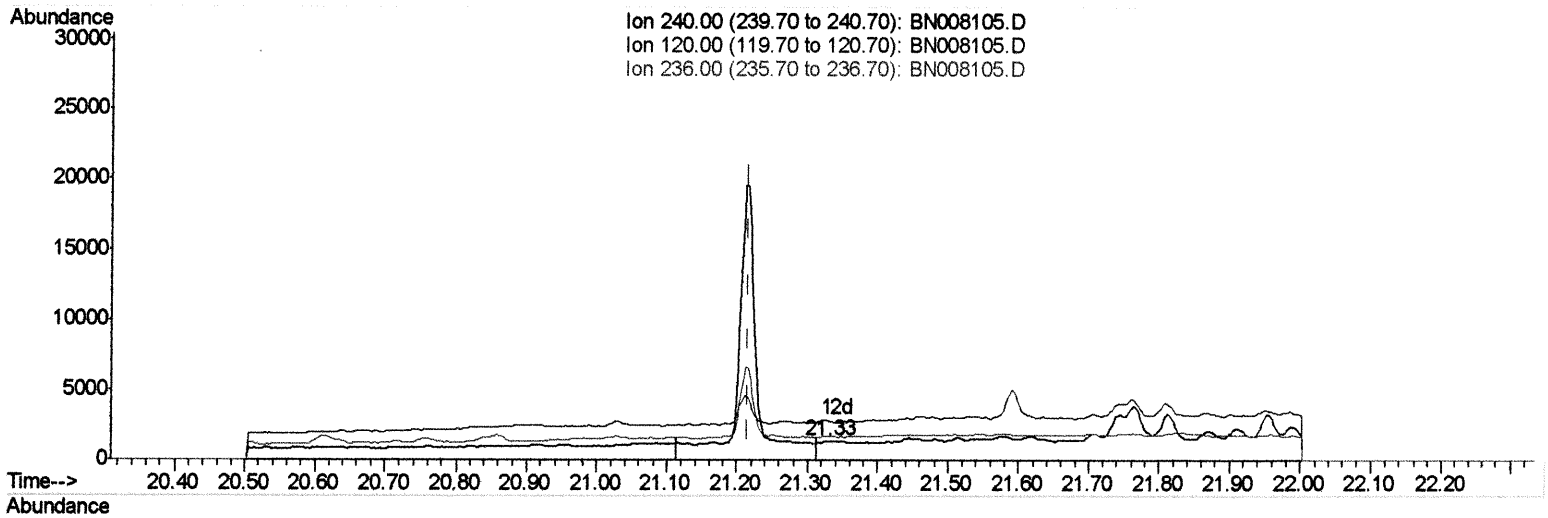
Quantitation Report (Qedit)

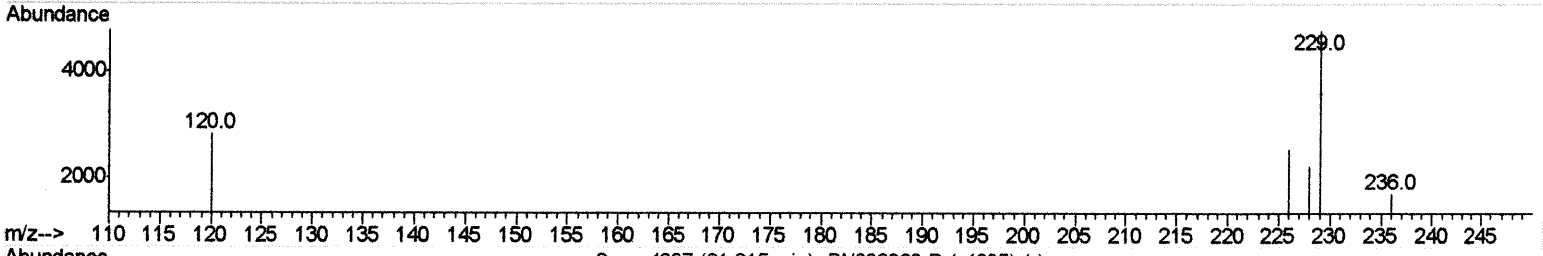
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

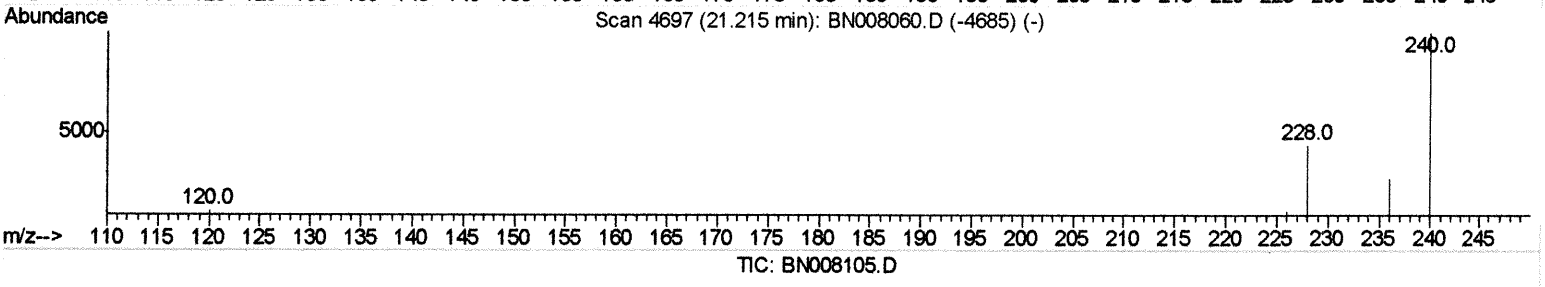
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(16) Chrysene-d12 (I)

21.329min (+0.114) 0.40ng/ul

response 142

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	208.41#
236.00	28.40	125.59#
0.00	0.00	0.00

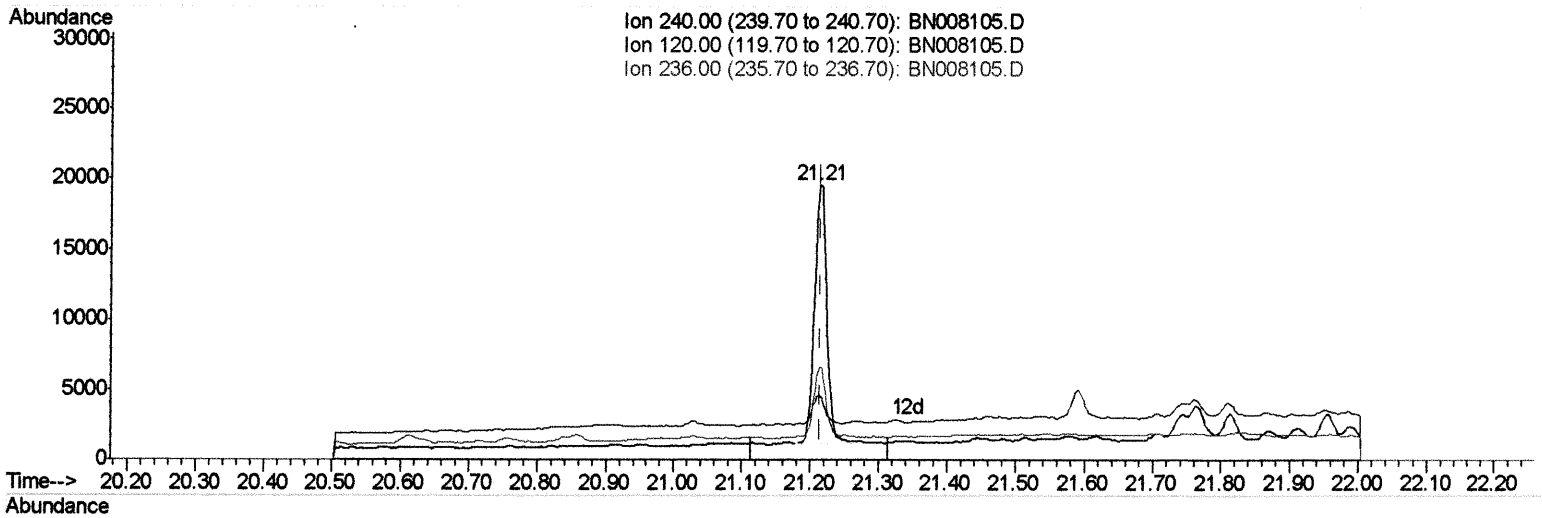
Quantitation Report (Qedit)

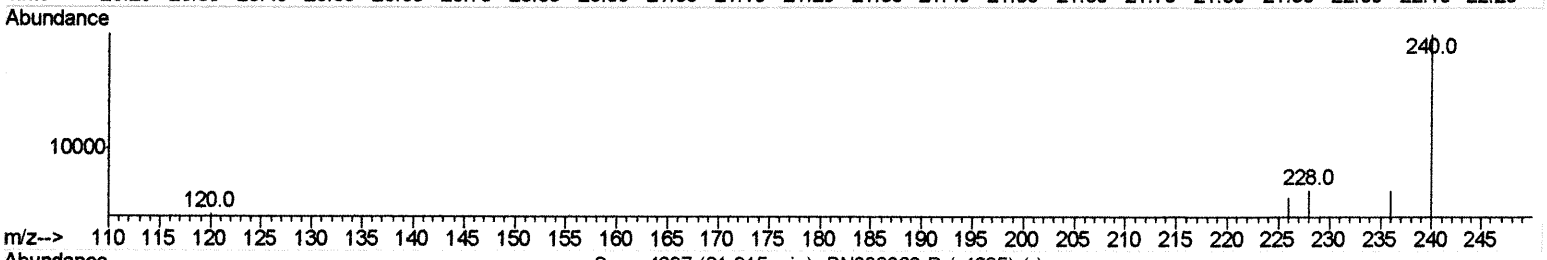
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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

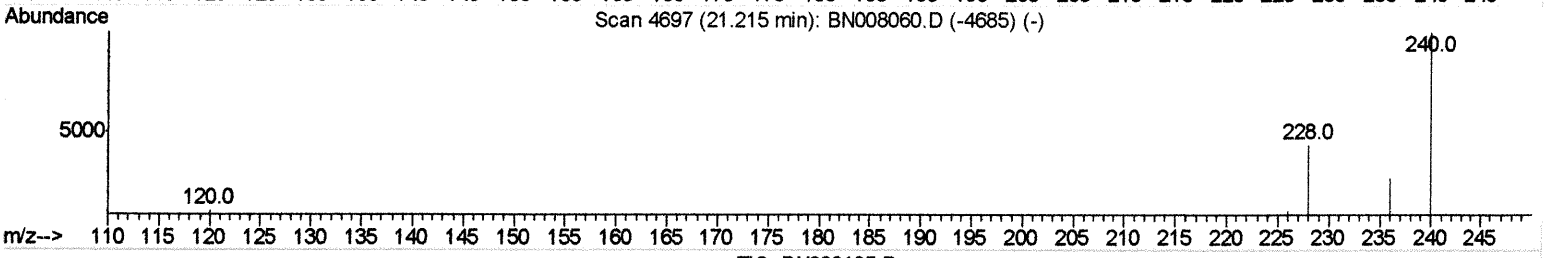
Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM





Scan 4697 (21.215 min): BN008060.D (-4685) (-)



TIC: BN008105.D

(16) Chrysene-d12 (I)

21.212min (-0.003) 0.40ng/ul m JL 10/16/19

response 22854

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	23.64#
236.00	28.40	33.64
0.00	0.00	0.00

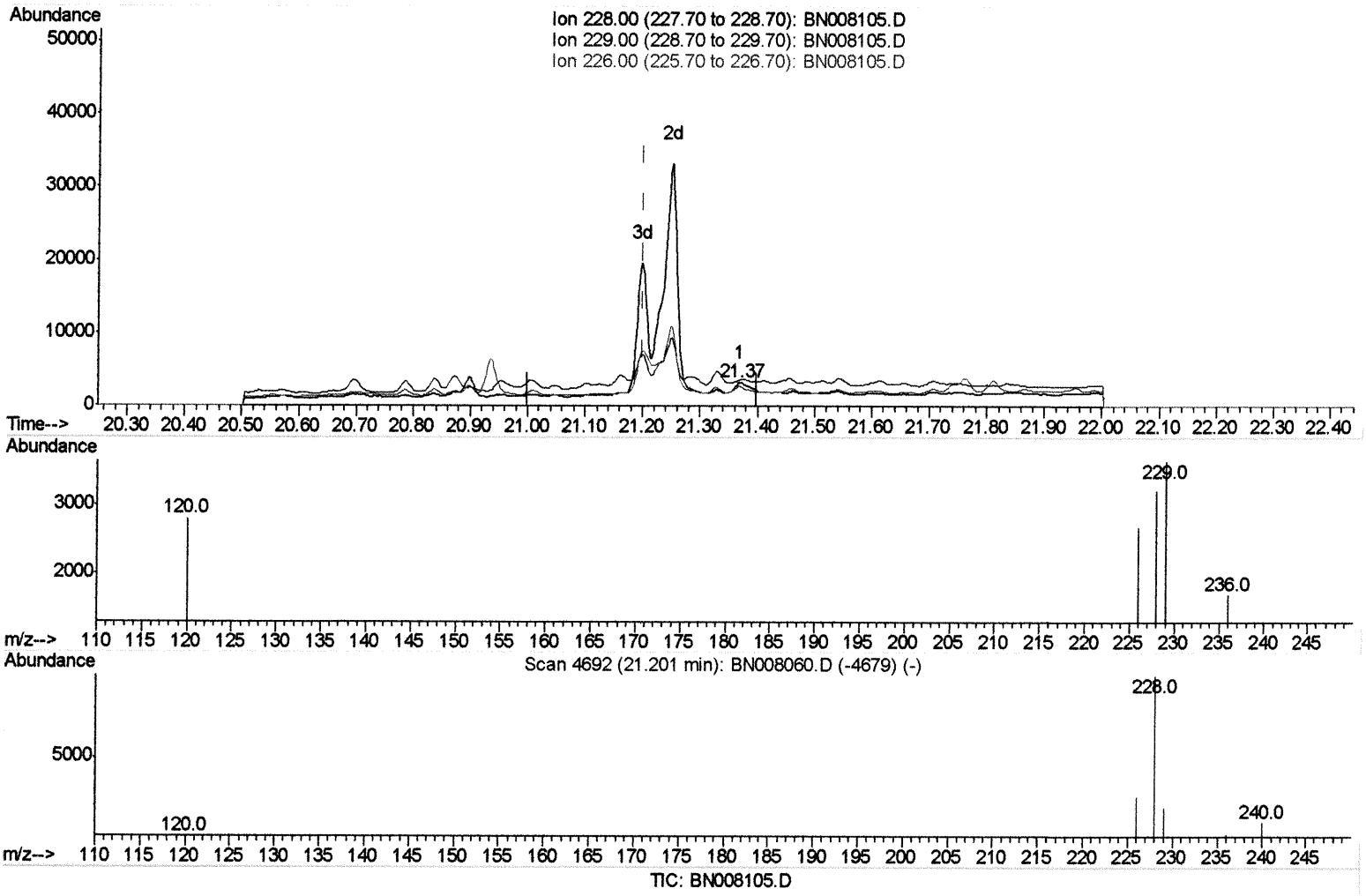
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



TIC: BN008105.D

(18) Benzo(a)anthracene

21.370min (+0.169) 0.03ng/ul

response 2716

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	113.46#
226.00	26.70	83.18#
0.00	0.00	0.00

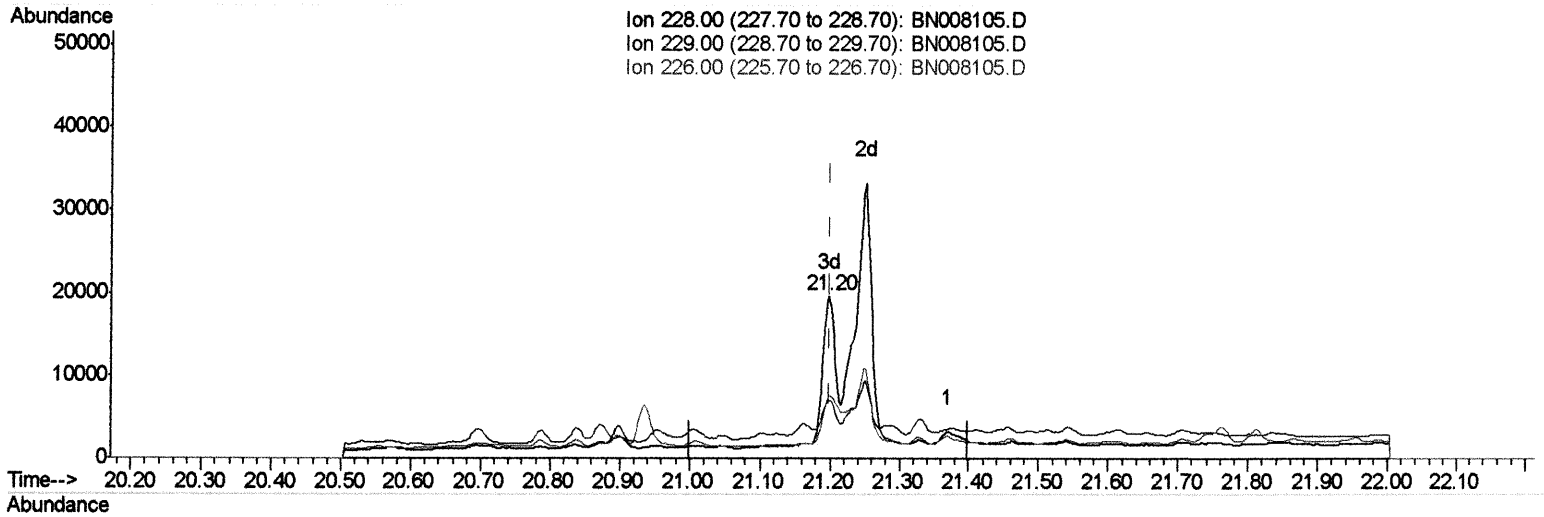
Quantitation Report (Qedit)

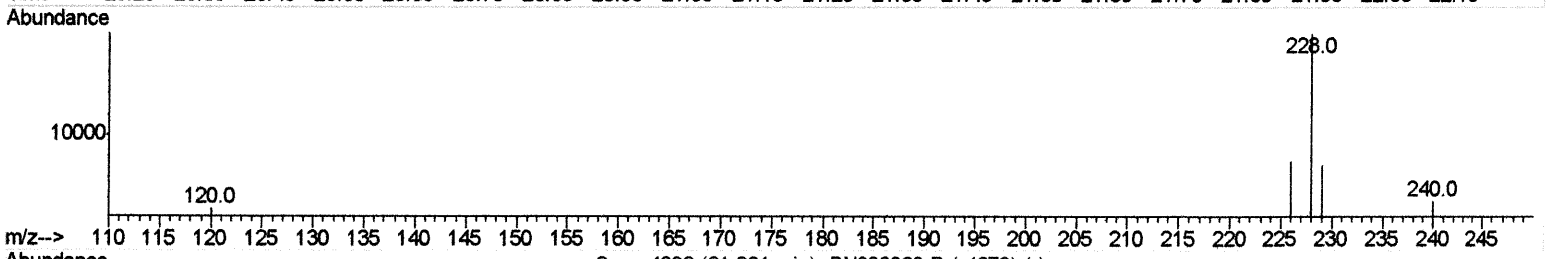
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

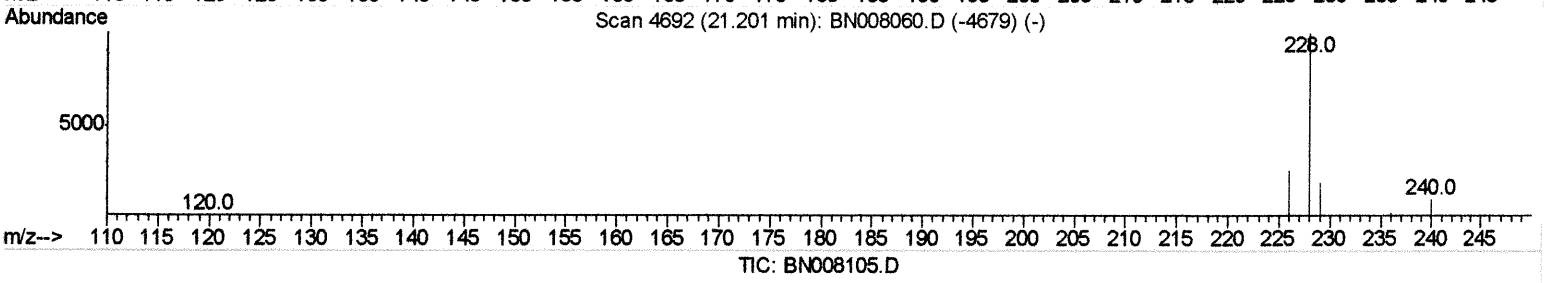
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(18) Benzo(a)anthracene

21.198min (-0.003) 0.26ng/ul m Rc 10/16/19

response 21562

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	36.43#
226.00	26.70	38.51#
0.00	0.00	0.00

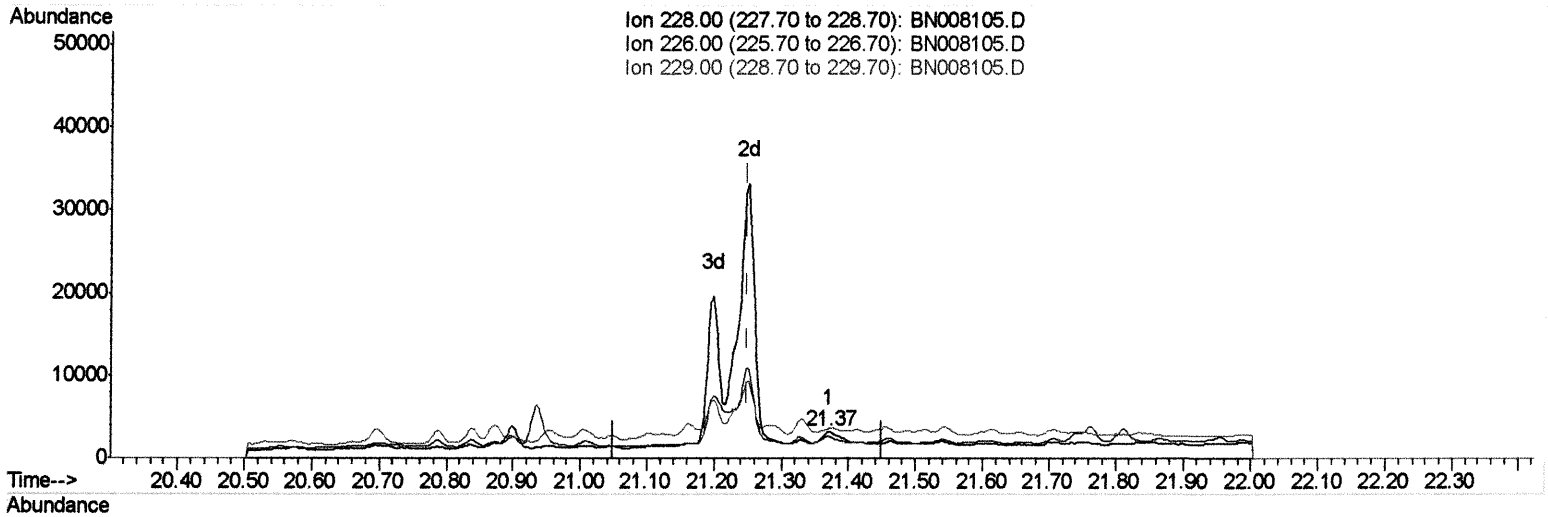
Quantitation Report (Qedit)

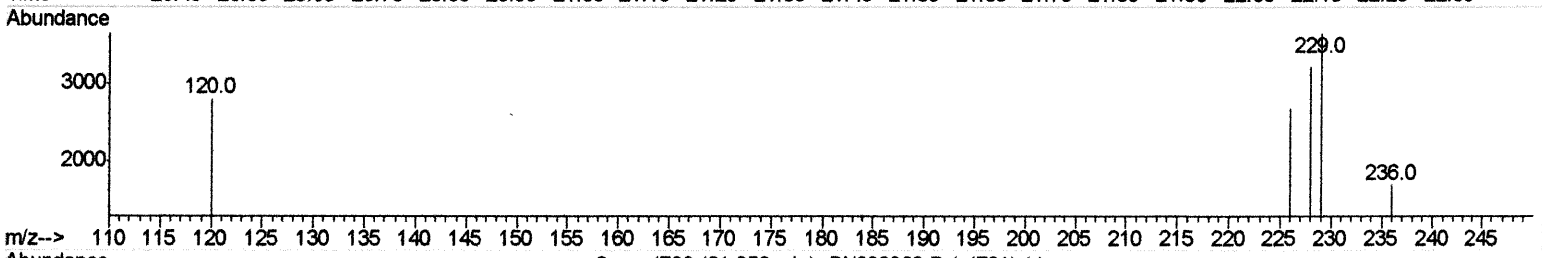
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

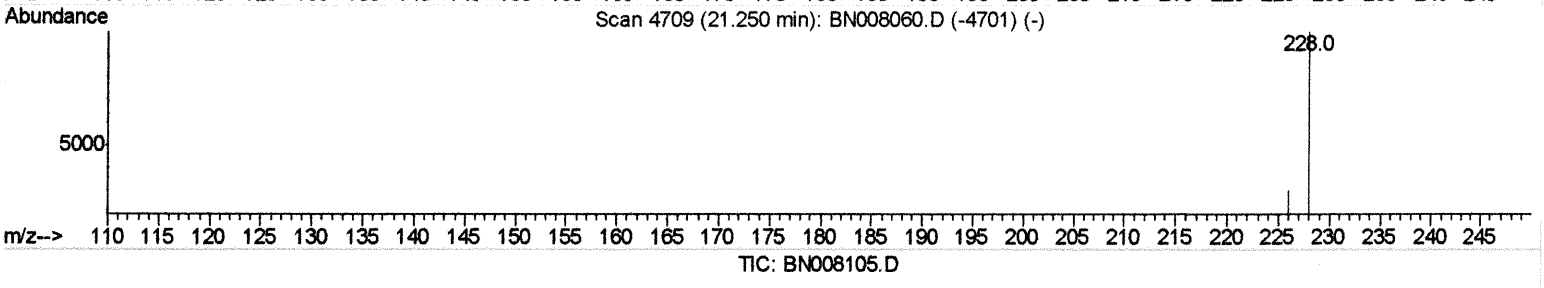
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(19) Chrysene

21.370min (+0.120) 0.03ng/ul

response 2770

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	83.18#
229.00	20.20	113.46#
0.00	0.00	0.00

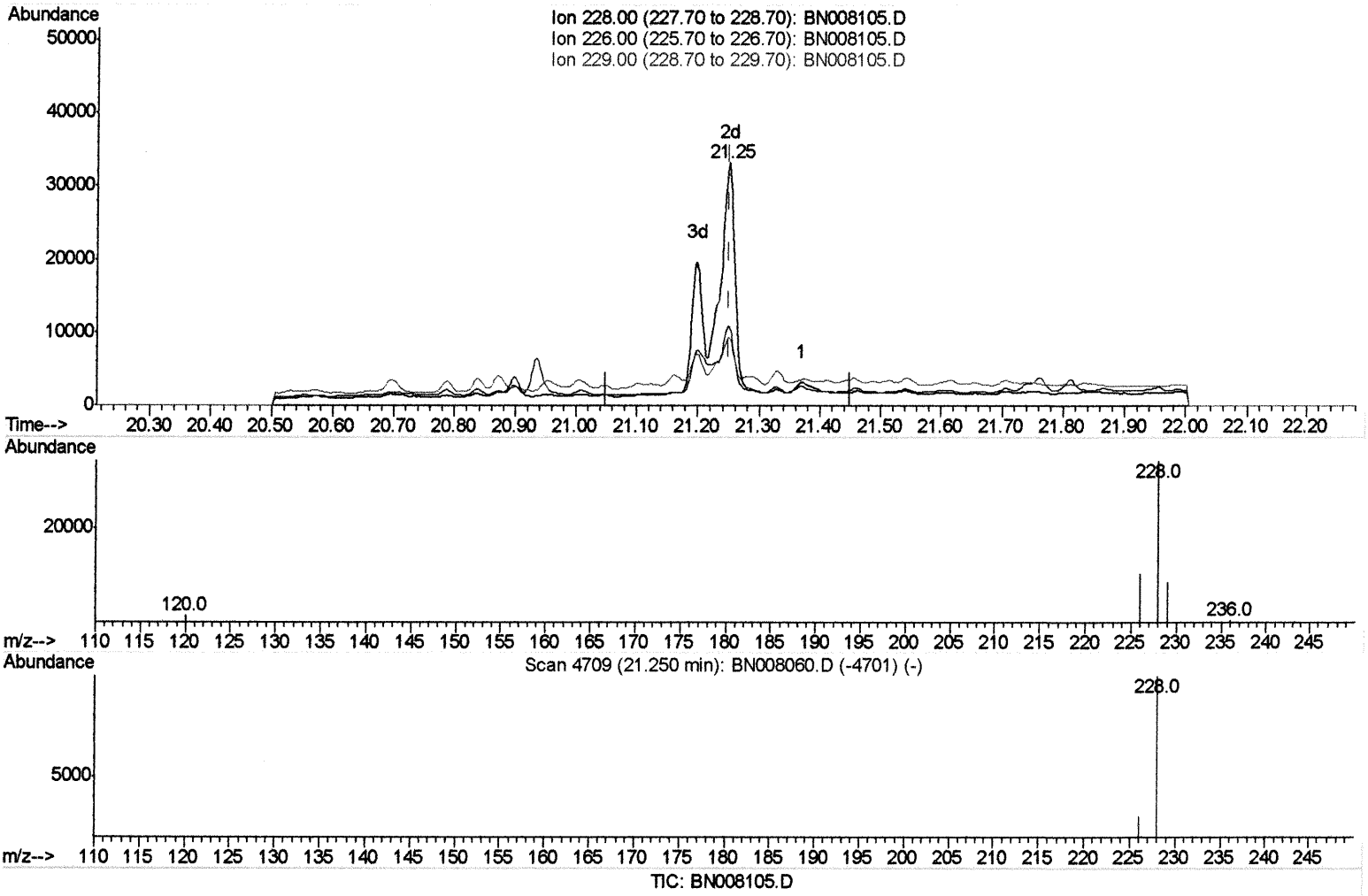
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 13 02:28:16 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 :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM



TIC: BN008105.D

(19) Chrysene

21.250min (+0.000) 0.49ng/ul m RL 10/16/19

response 49666

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	32.96
229.00	20.20	28.17#
0.00	0.00	0.00

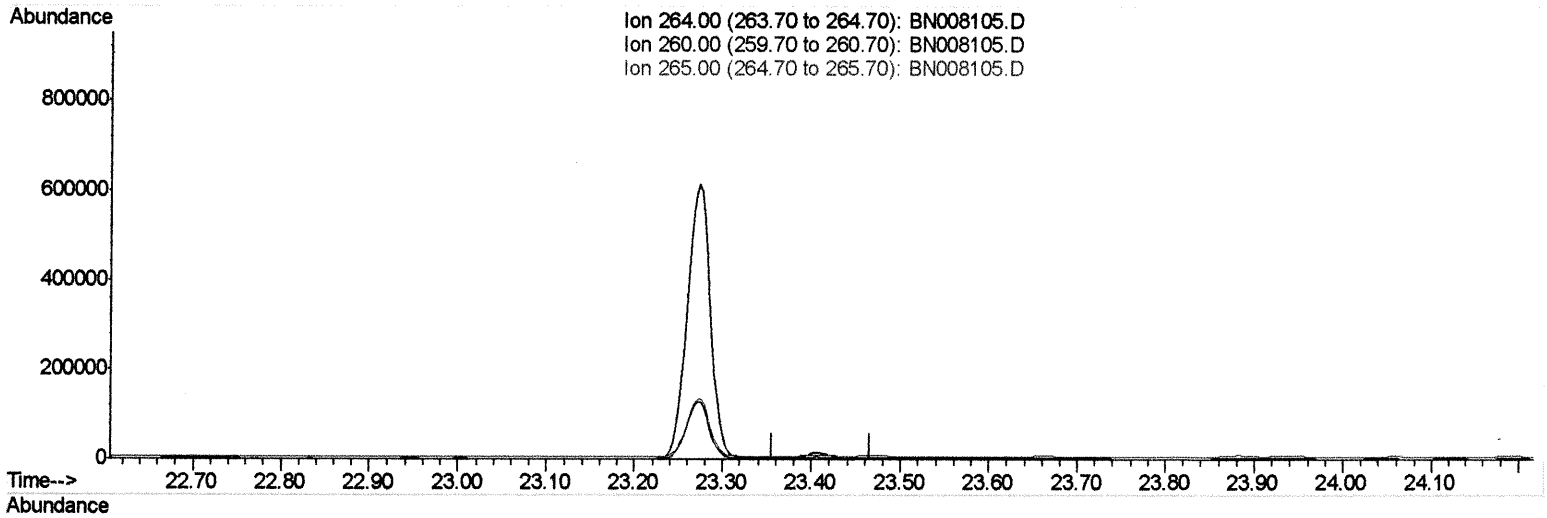
Quantitation Report (Qedit)

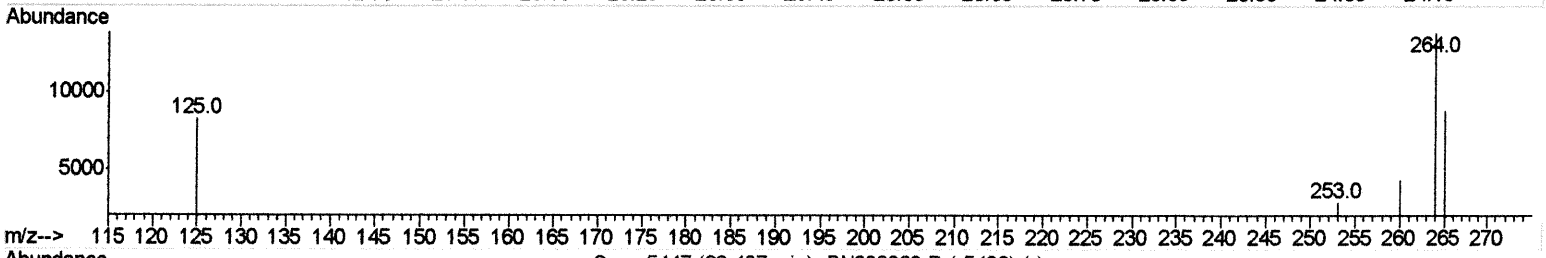
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

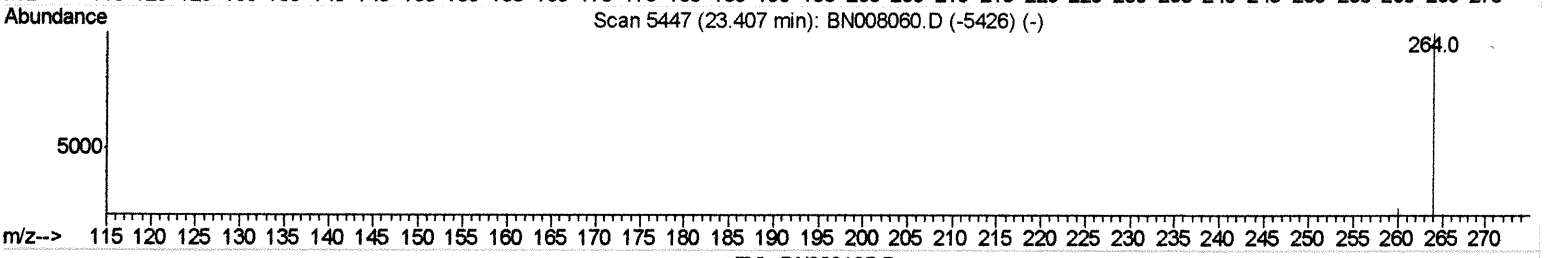
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 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

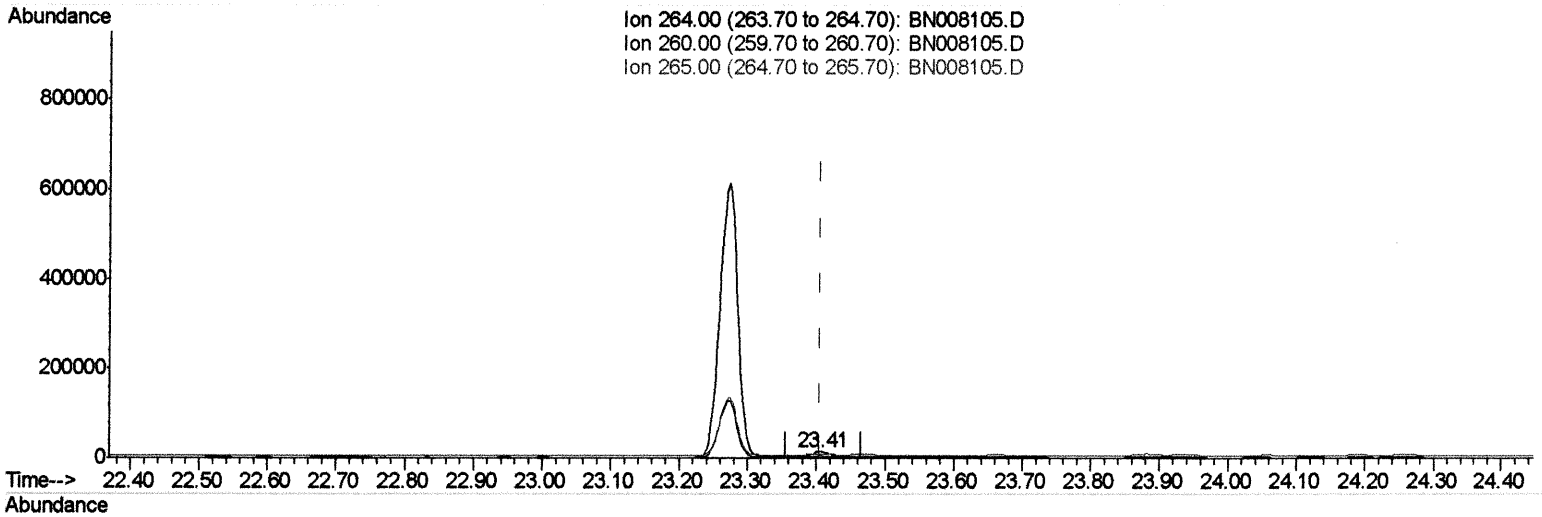
Quantitation Report (Qedit)

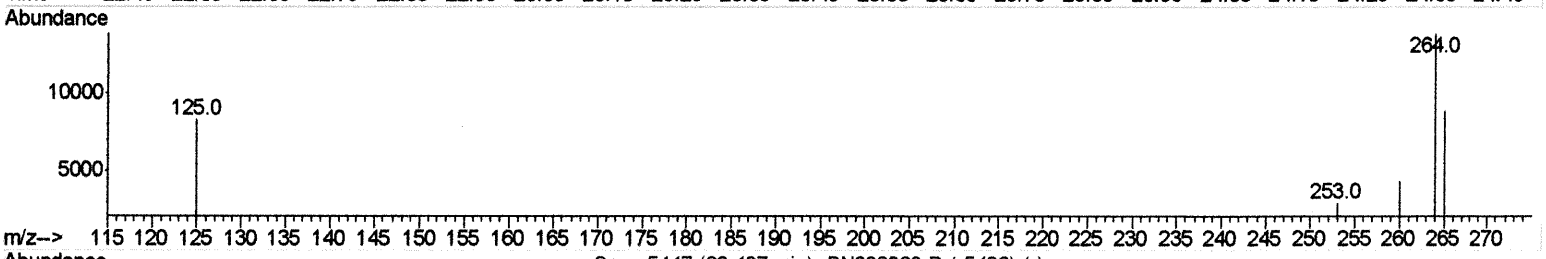
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

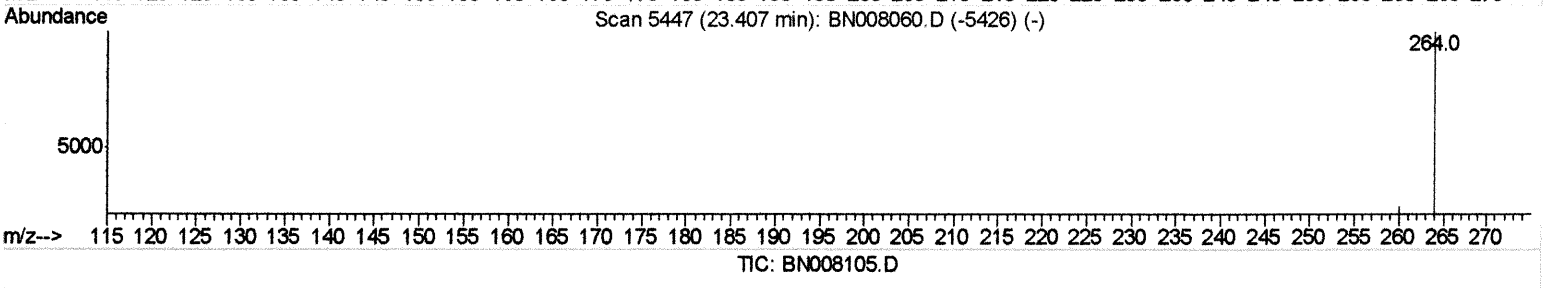
Quant Time: Oct 13 02:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(20) Perylene-d12 (I)

23.407min (+0.000) 0.40ng/ul m JL 10/16/19

response 19318

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	31.68#
265.00	74.00	63.98
0.00	0.00	0.00

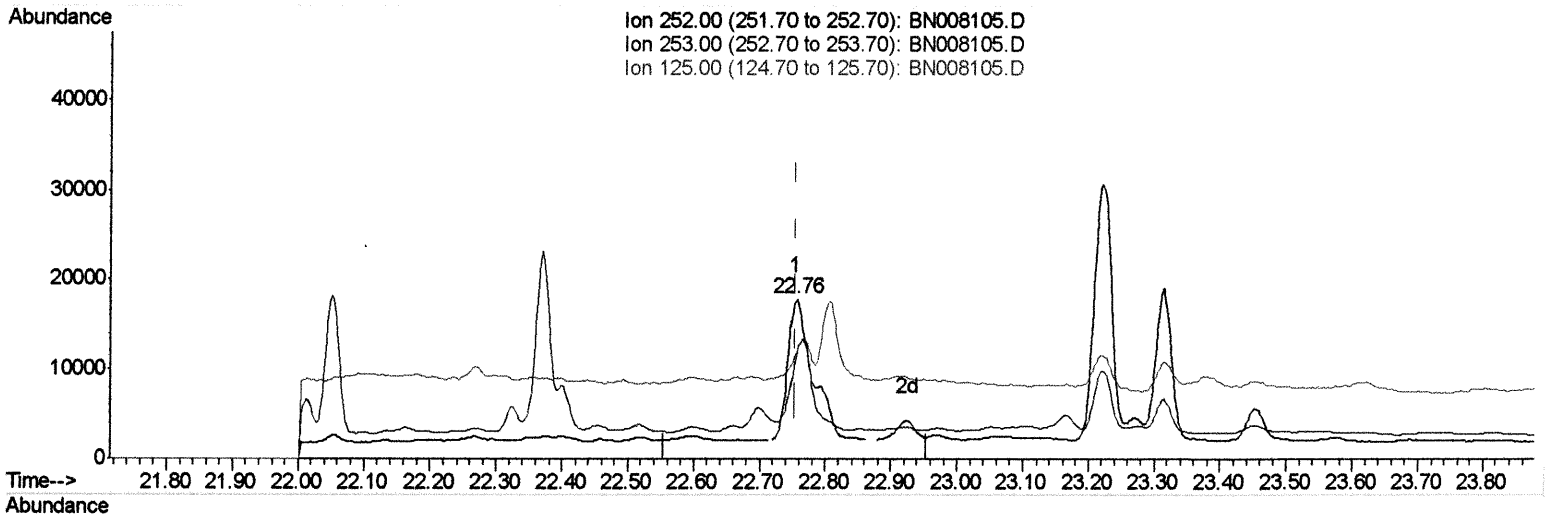
Quantitation Report (Qedit)

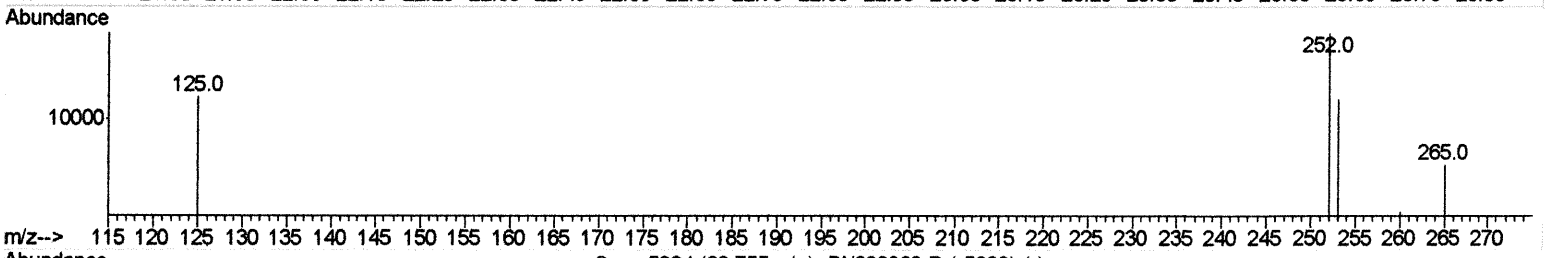
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

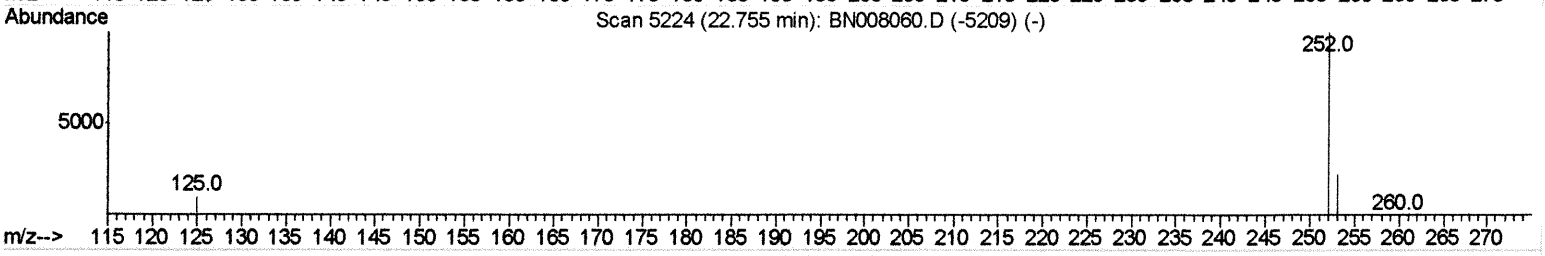
Quant Time: Oct 13 02:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







TIC: BN008105.D

(21) Benzo(b)fluoranthene

22.755min (+0.000) 0.65ng/ul

response 40979

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	66.00#
125.00	16.20	67.12#
0.00	0.00	0.00

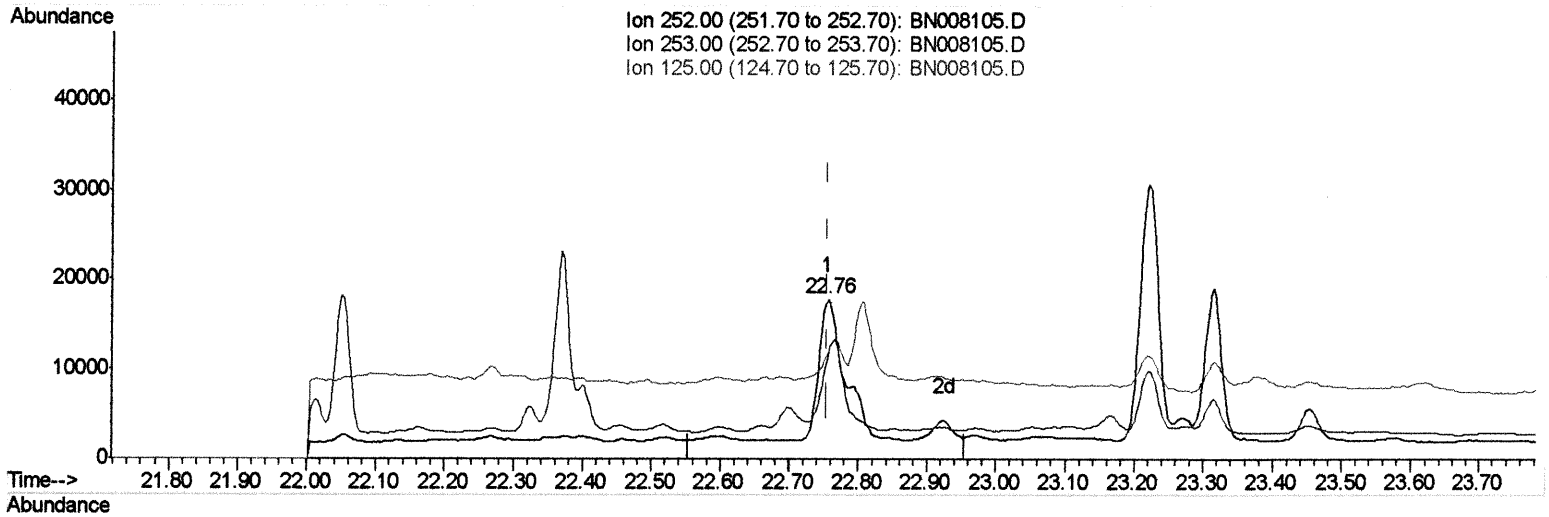
Quantitation Report (Qedit)

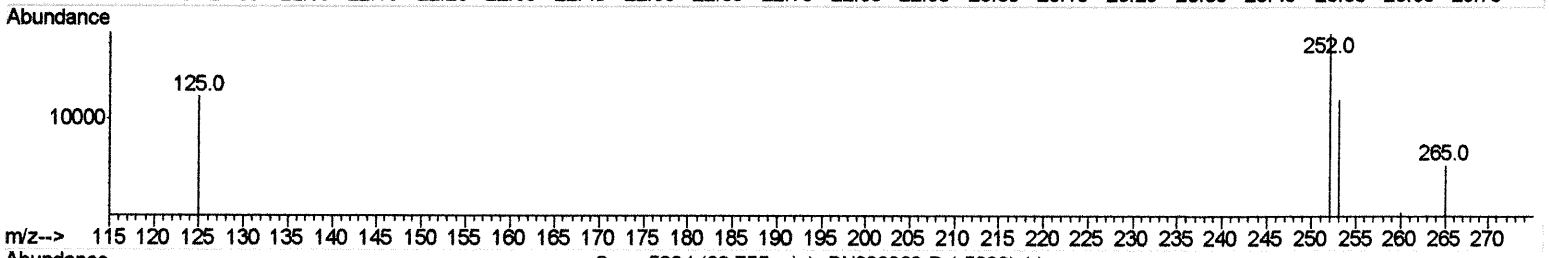
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

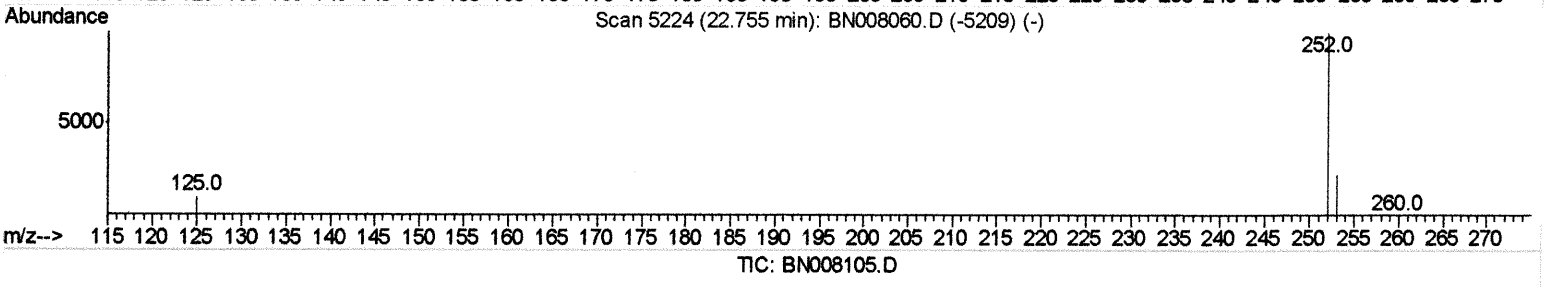
Quant Time: Oct 13 02:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(21) Benzo(b)fluoranthene

22.755min (+0.000) 0.51ng/ul m JL 10/16/19

response 31917

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	66.00#
125.00	16.20	67.12#
0.00	0.00	0.00

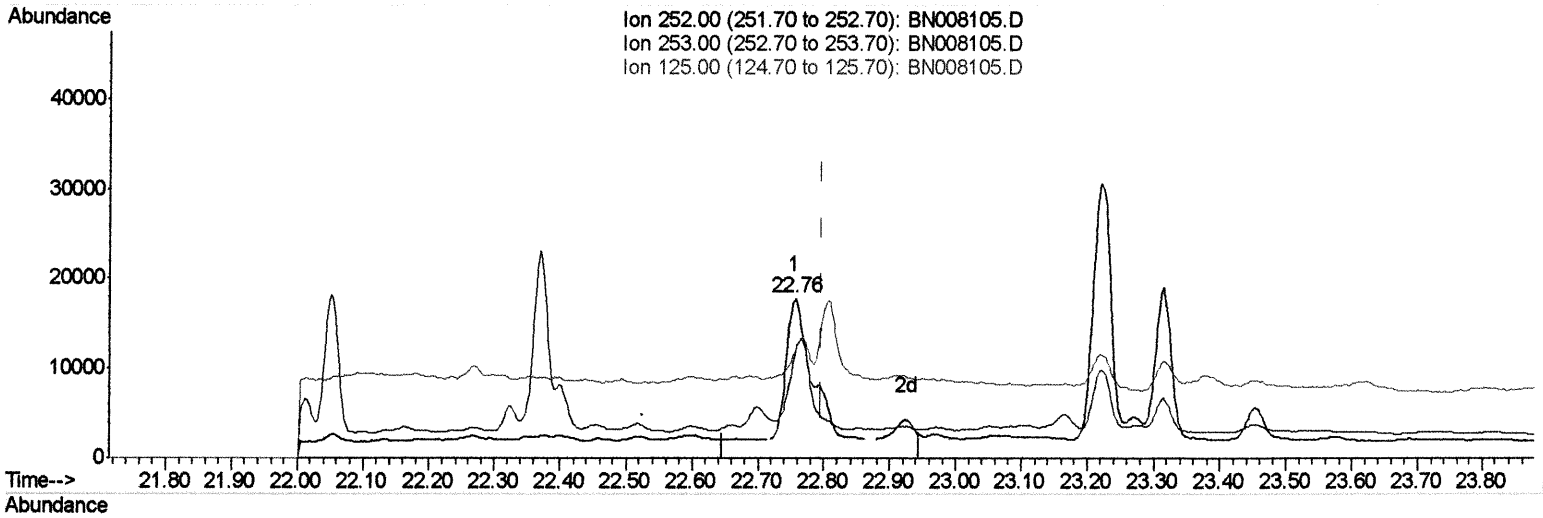
Quantitation Report (Qedit)

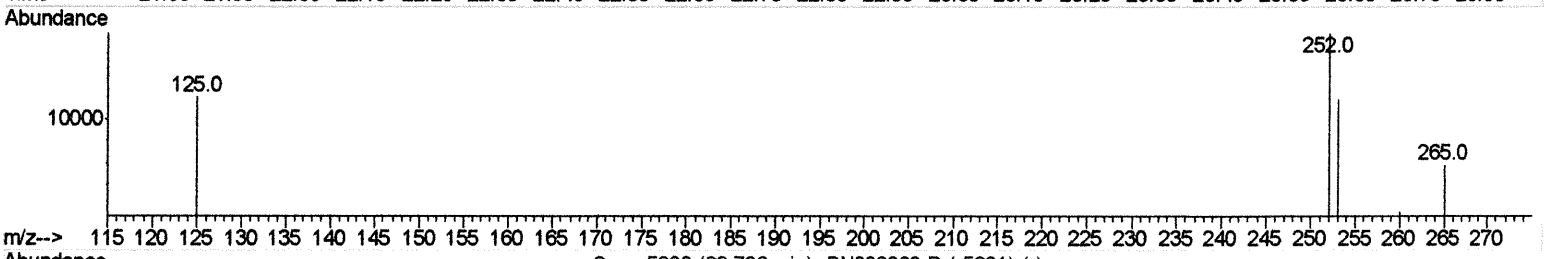
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

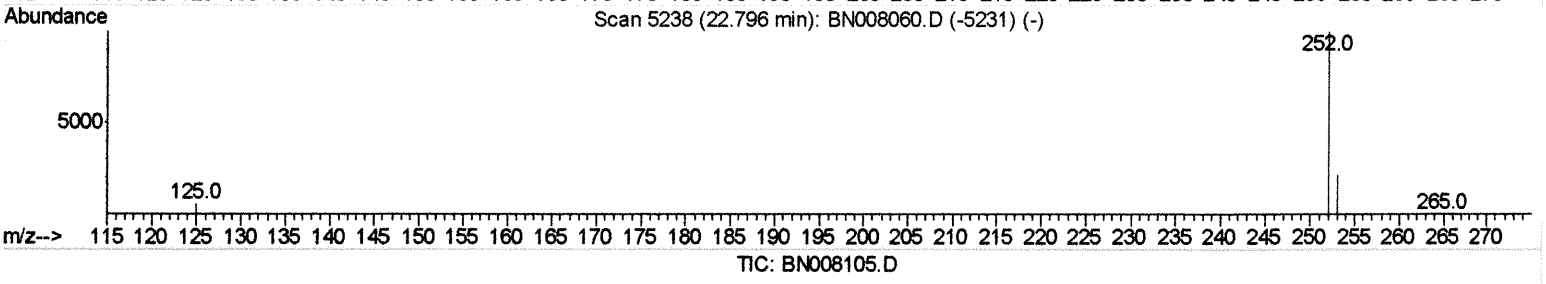
Quant Time: Oct 13 02:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(22) Benzo(k)fluoranthene

22.755min (-0.041) 0.58ng/ul

response 40979

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	66.00#
125.00	15.40	67.12#
0.00	0.00	0.00

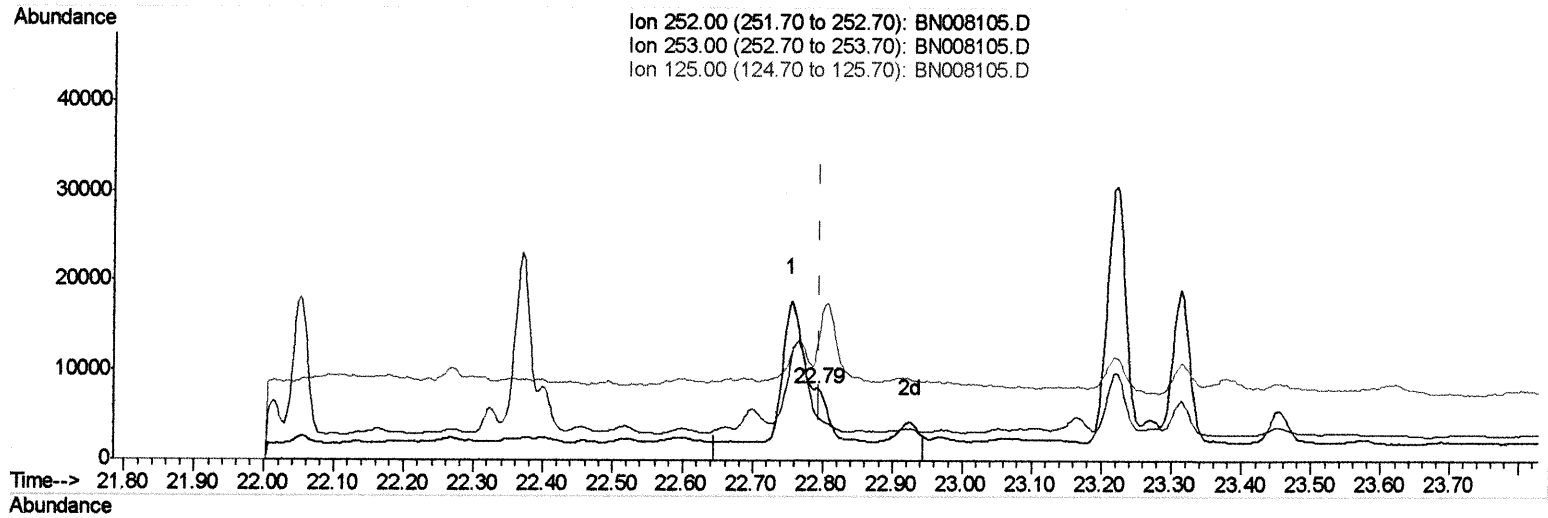
Quantitation Report (Qedit)

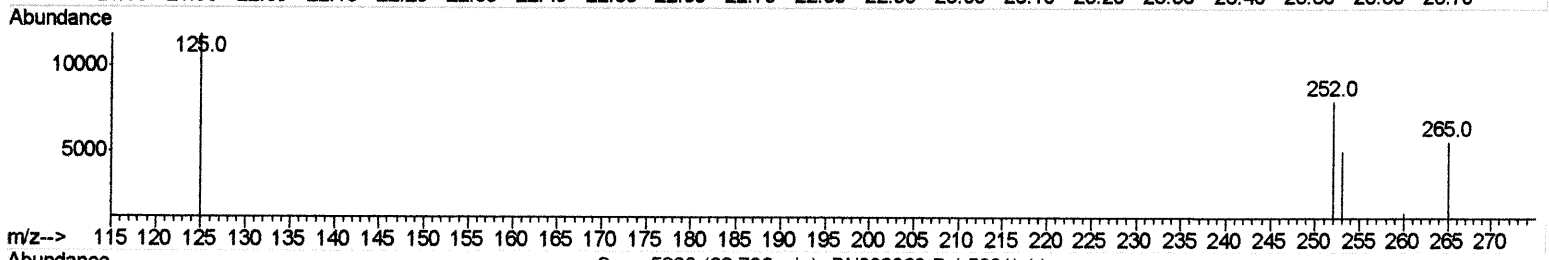
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

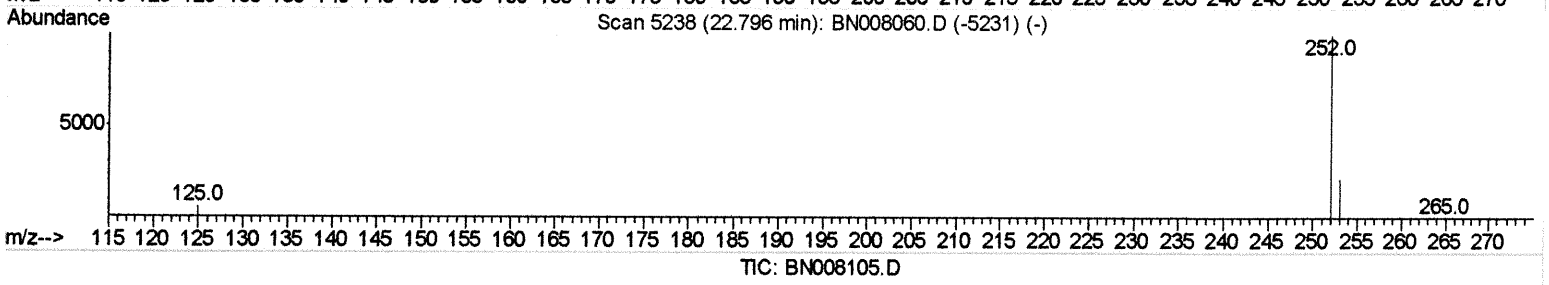
Quant Time: Oct 13 02:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM







(22) Benzo(k)fluoranthene

22.790min (-0.006) 0.11ng/ul m JU 10/16/19

response 7485

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	63.55#
125.00	15.40	148.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
Acq On : 12 Oct 2019 09:58
Operator : JU
Sample : K5124-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM83

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:21 AM

Quant Time: Oct 13 02:32:15 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	3071	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.39	136	14402	0.40	ng/ul	-0.01	
6) Acenaphthene-d10	14.26	164	9815	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.01	188	22551m	0.40	ng/ul	0.00	JL 10/16/19
16) Chrysene-d12	21.21	240	22854m	0.40	ng/ul	0.00	
20) Perylene-d12	23.41	264	19318m	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.00	152	4971	0.20	ng/ul	0.00	JL 10/16/19
14) Fluoranthene-d10	19.05	212	16382m	0.21	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	10.44	128	6917	0.169	ng/ul	98	
5) 2-Methylnaphthalene	12.07	142	6302	0.224	ng/ul	100	
7) Acenaphthylene	13.98	152	7471	0.160	ng/ul#	89	
8) Acenaphthene	14.32	153	937	0.026	ng/ul#	89	
9) Fluorene	15.32	166	1132	0.027	ng/ul#	38	JL 10/16/19
11) Pentachlorophenol	16.67	266	5158m	0.946	ng/ul		
12) Phenanthrene	17.05	178	15948	0.242	ng/ul	97	
13) Anthracene	17.14	178	2613m	0.045	ng/ul		JL 10/16/19
15) Fluoranthene	19.08	202	28935m	0.332	ng/ul		
17) Pyrene	19.44	202	46971	0.516	ng/ul	98	
18) Benzo(a)anthracene	21.20	228	21562m	0.260	ng/ul		
19) Chrysene	21.25	228	49666m	0.487	ng/ul		JL 10/16/19
21) Benzo(b)fluoranthene	22.76	252	31917m	0.508	ng/ul		
22) Benzo(k)fluoranthene	22.79	252	7485m	0.105	ng/ul		
23) Benzo(a)pyrene	23.31	252	28815	0.435	ng/ul#	61	
24) Indeno(1,2,3-cd)pyrene	25.59	276	12595	0.162	ng/ul#	91	
25) Dibenzo(a,h)anthracene	25.59	278	4589	0.074	ng/ul#	1	
26) Benzo(g,h,i)perylene	26.25	276	34766	0.486	ng/ul#	84	

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