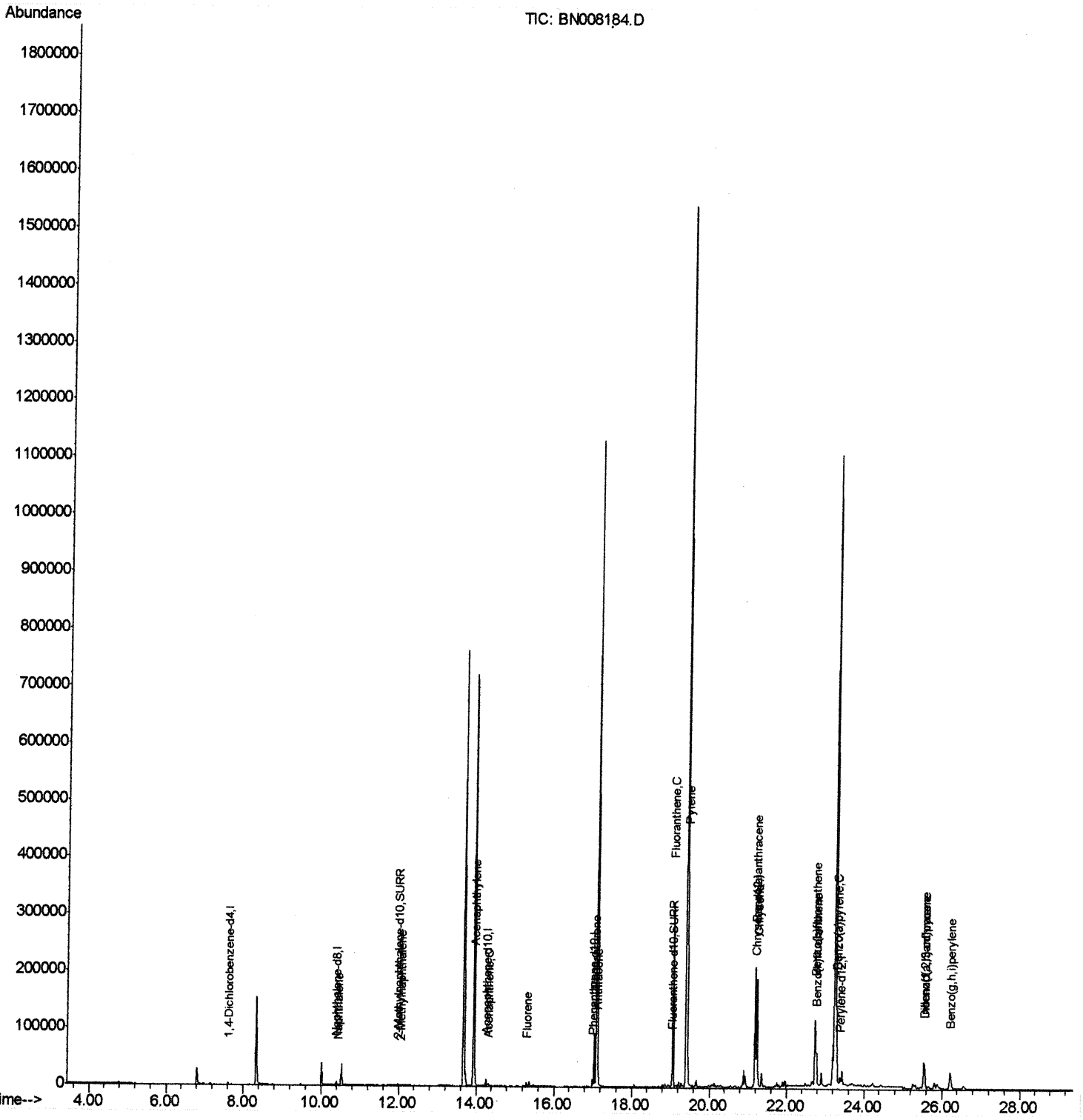
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:47:35 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM

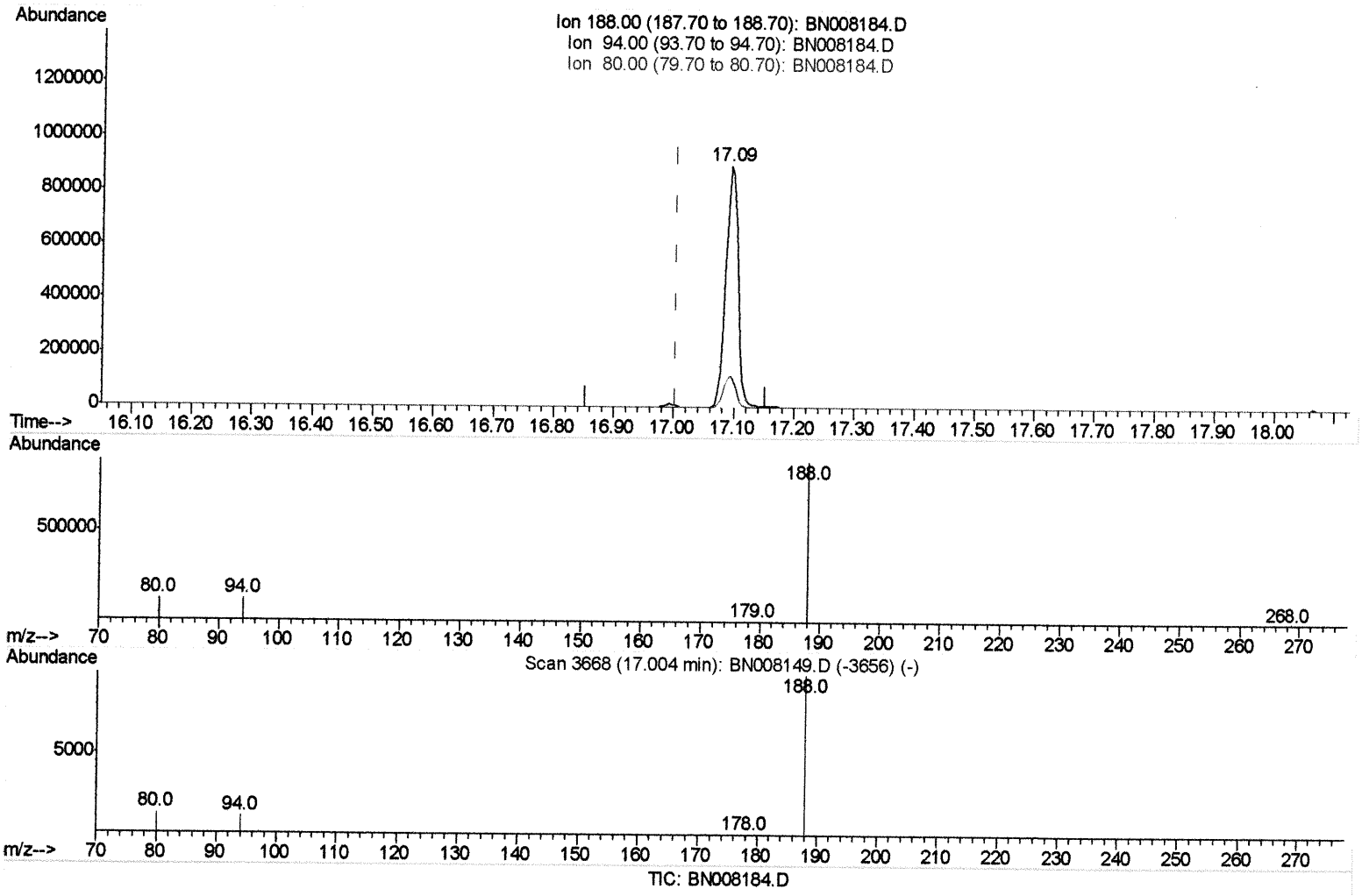


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 03:43:25 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



TIC: BN008184.D

(10) Phenanthrene-d10 (I)

17.093min (+0.089) 0.40ng/ul

response 1258612

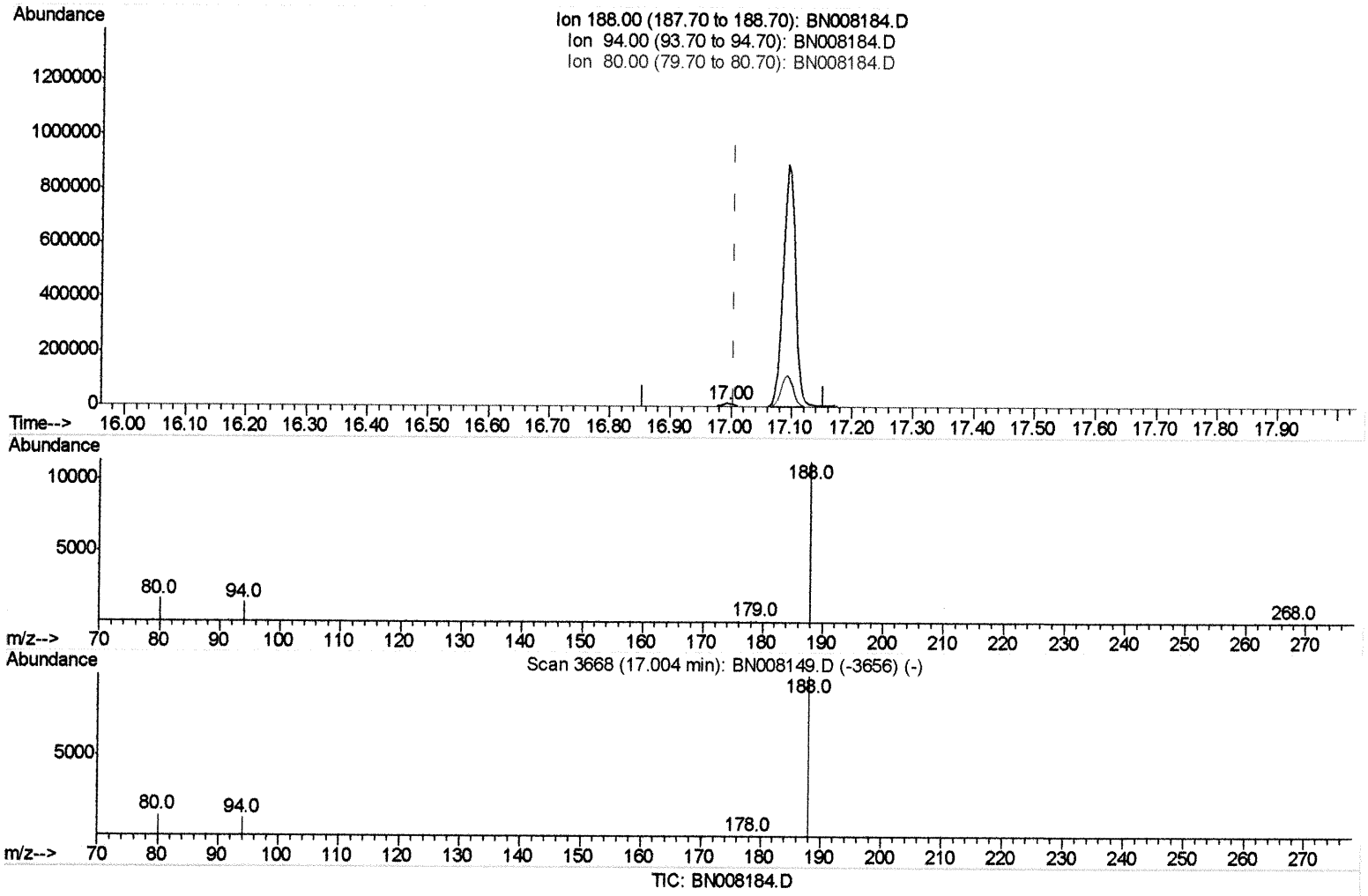
Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.38#
80.00	12.60	13.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 03:43:25 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



TIC: BN008184.D

(10) Phenanthrene-d10 (I)

16.996min (-0.009) 0.40ng/ul m JU 10/21/19

response 15671

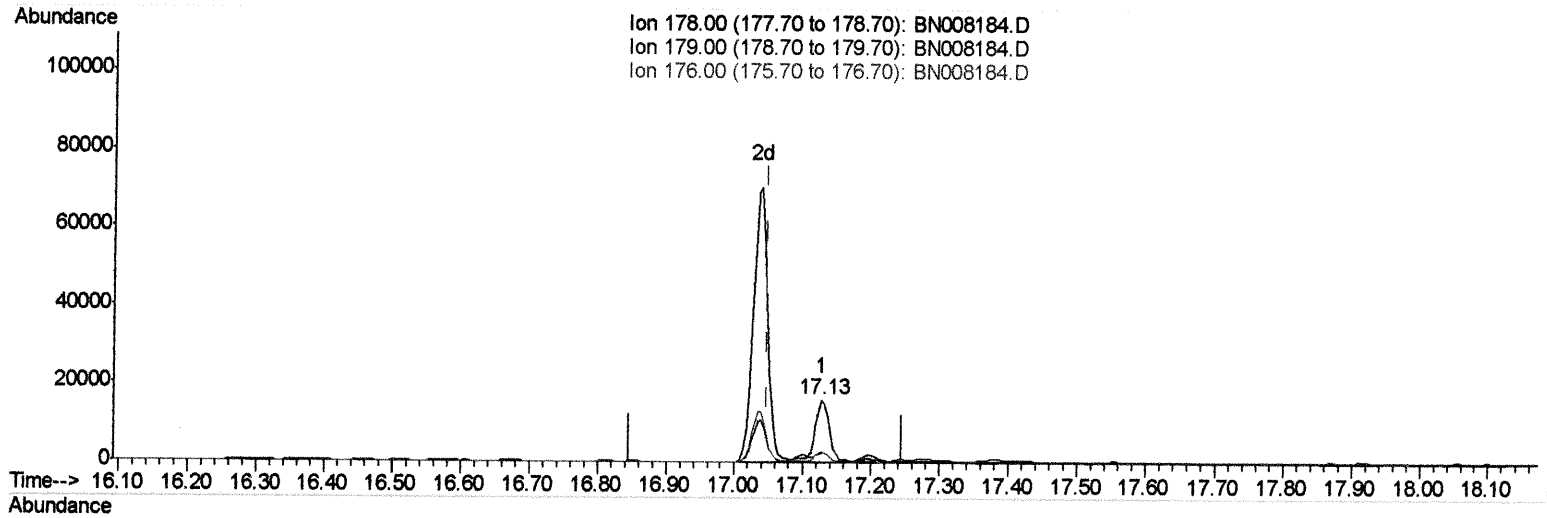
Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.96
80.00	12.60	13.96
0.00	0.00	0.00

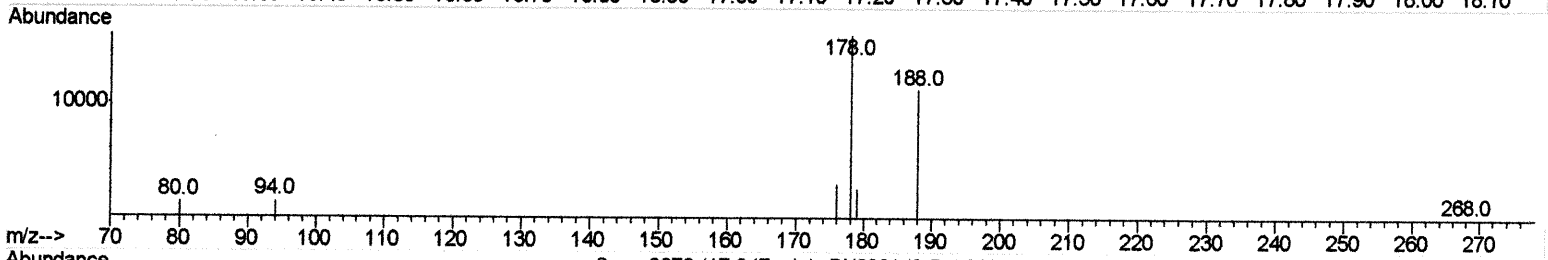
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

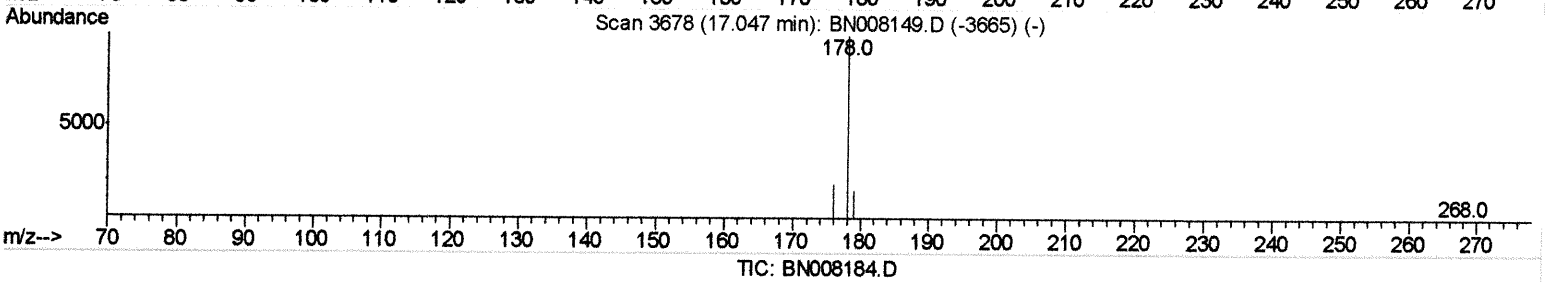
Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM





Scan 3678 (17.047 min): BN008149.D (-3665) (-)



TIC: BN008184.D

(12) Phenanthrene

17.127min (+0.080) 0.47ng/ul

response 21676

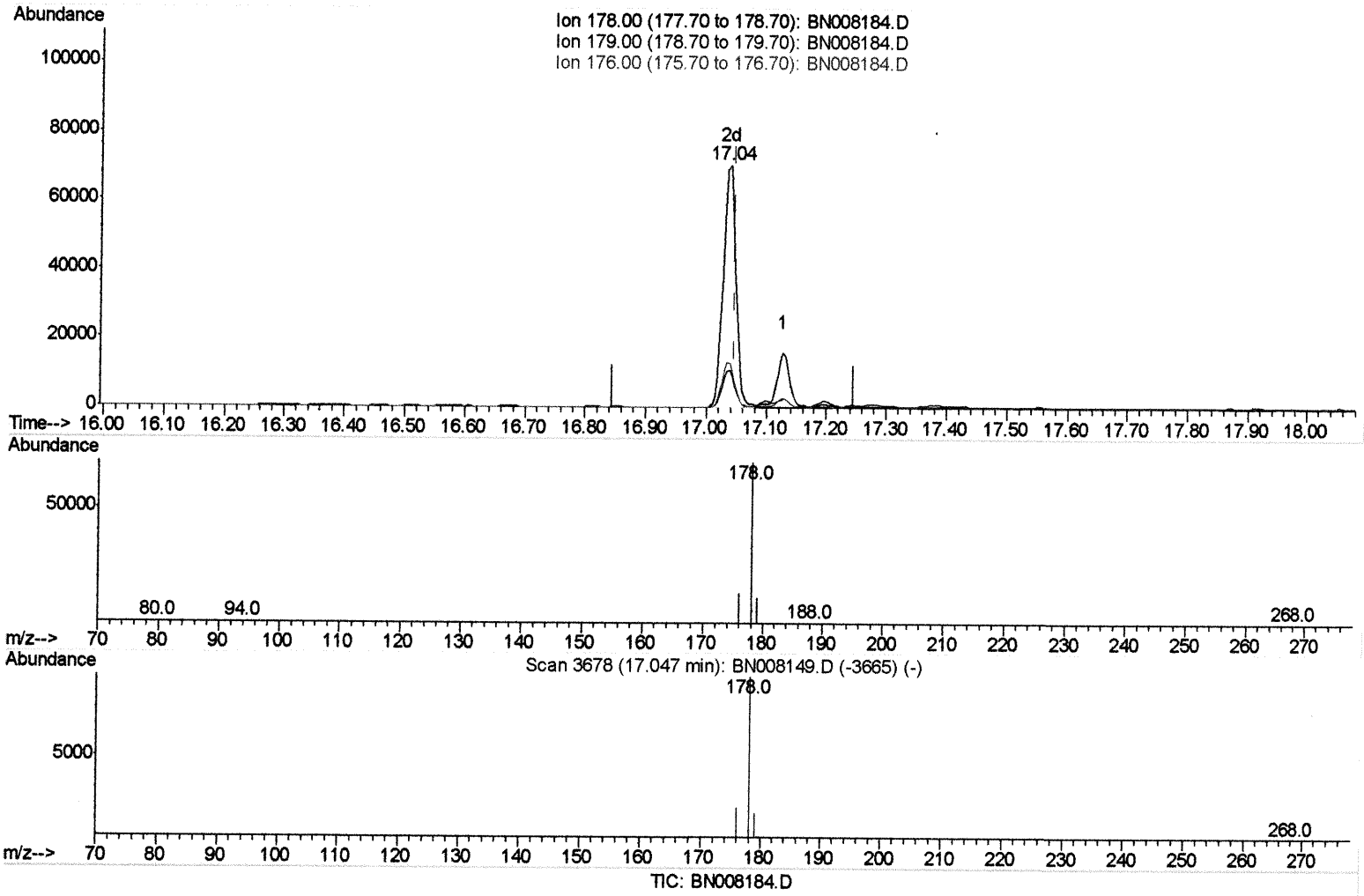
Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.23
176.00	19.30	18.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



(12) Phenanthrene

17.038min (-0.009) 2.21ng/ul m JU 10/21/19

response 101344

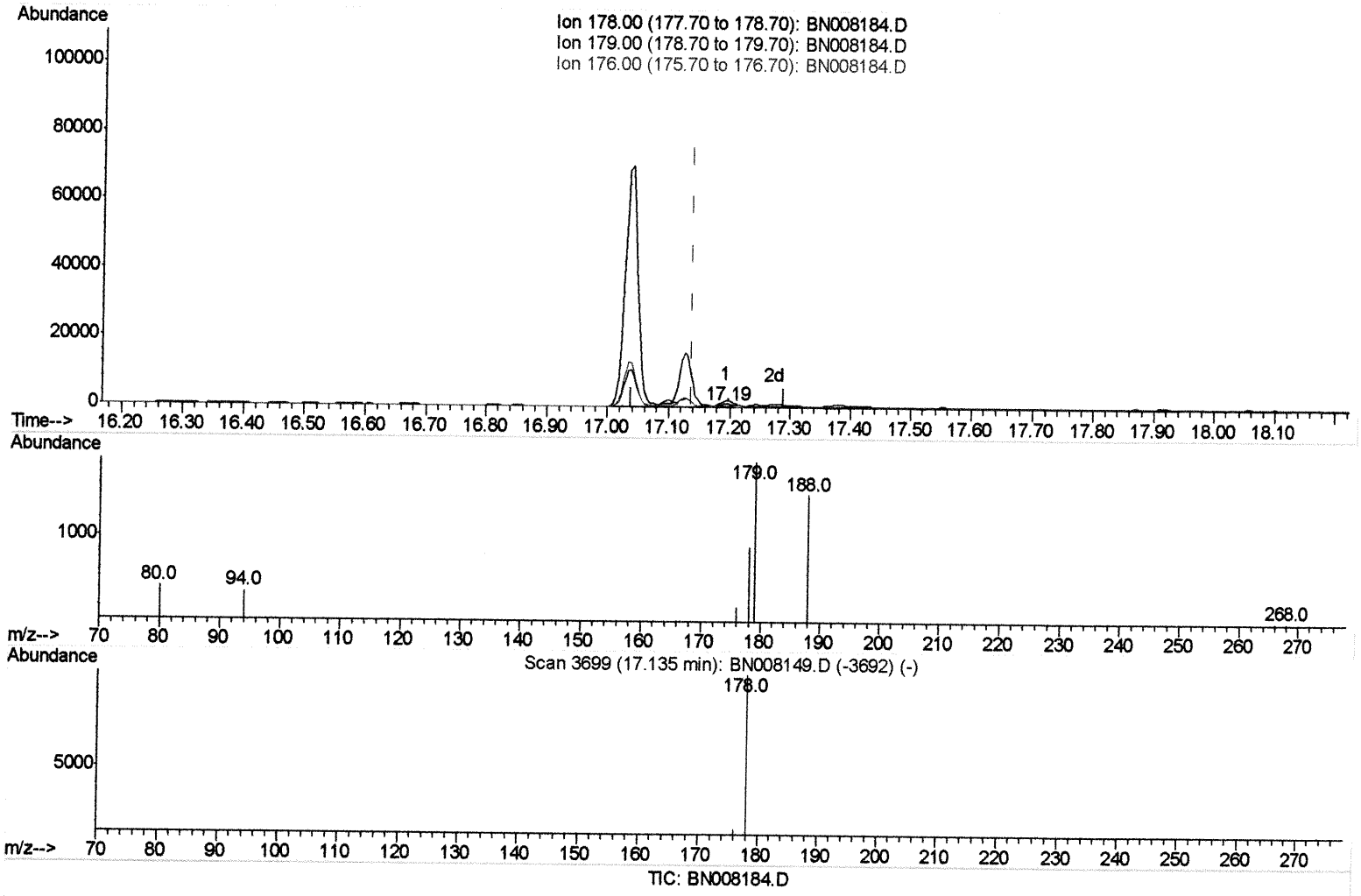
Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.54
176.00	19.30	18.40
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



(13) Anthracene

17.194min (+0.055) 0.02ng/ul

response 878

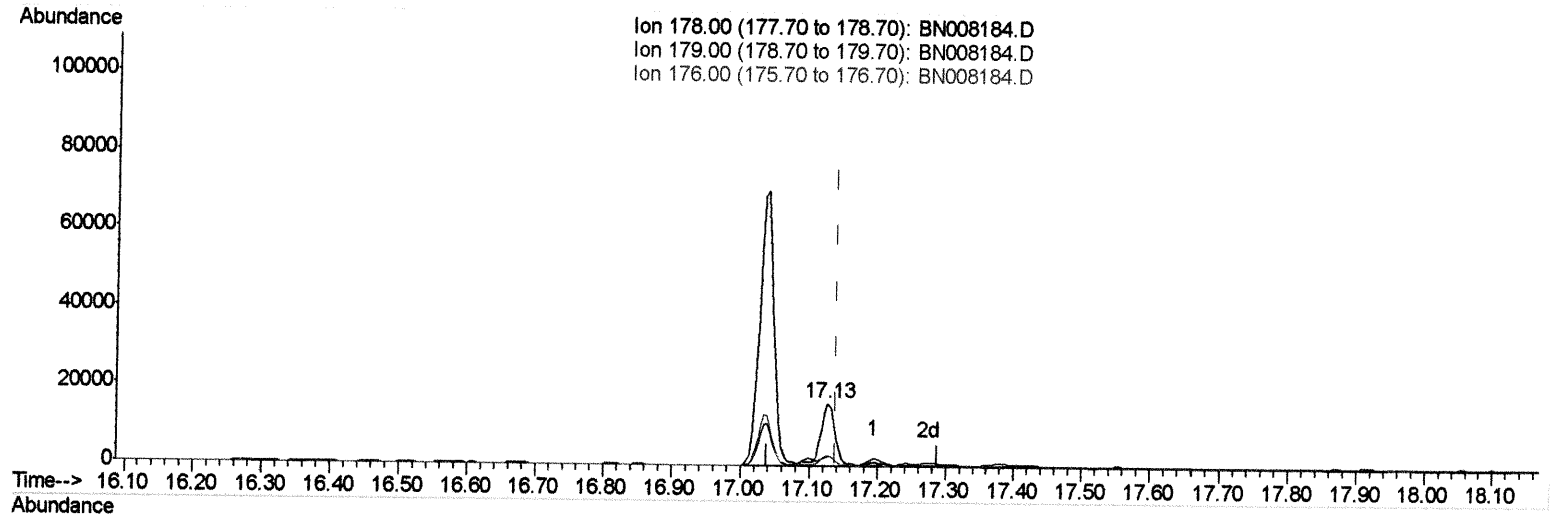
Ion	Exp%	Act%
178.00	100	100
179.00	16.30	209.02#
176.00	18.80	23.61#
0.00	0.00	0.00

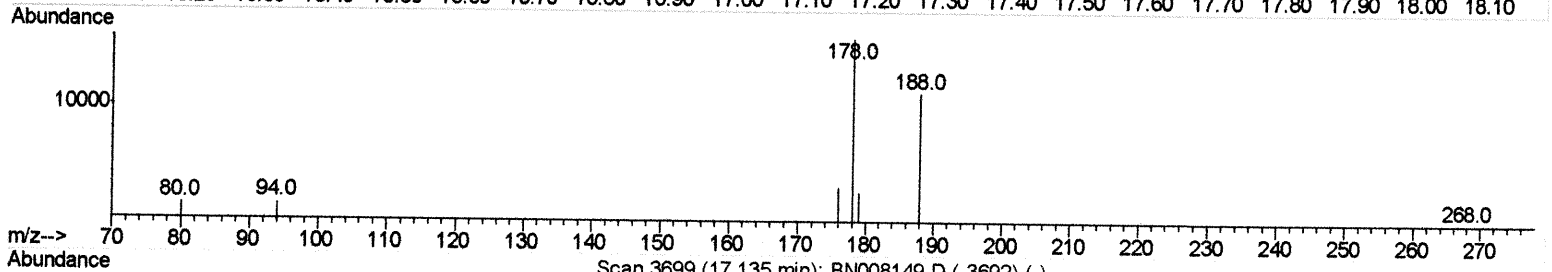
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

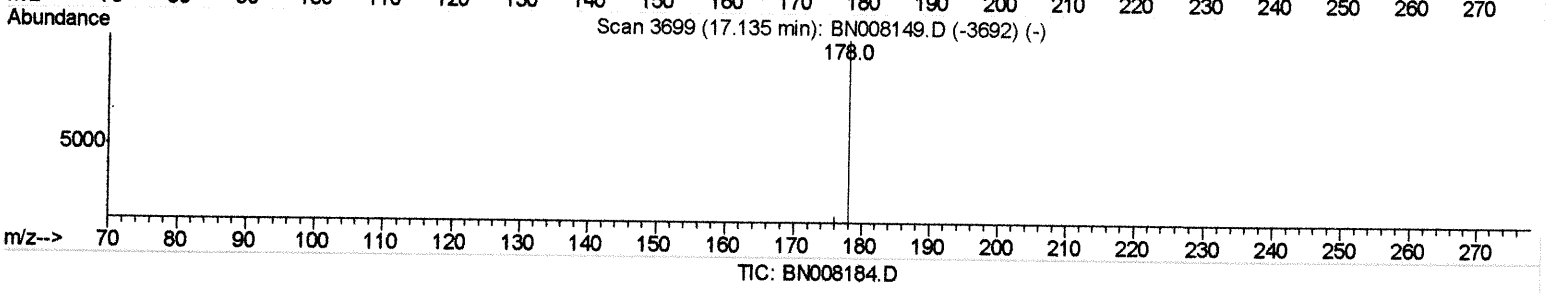
Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(13) Anthracene

17.127min (-0.013) 0.54ng/ul m

response 21812

J 10/21/19

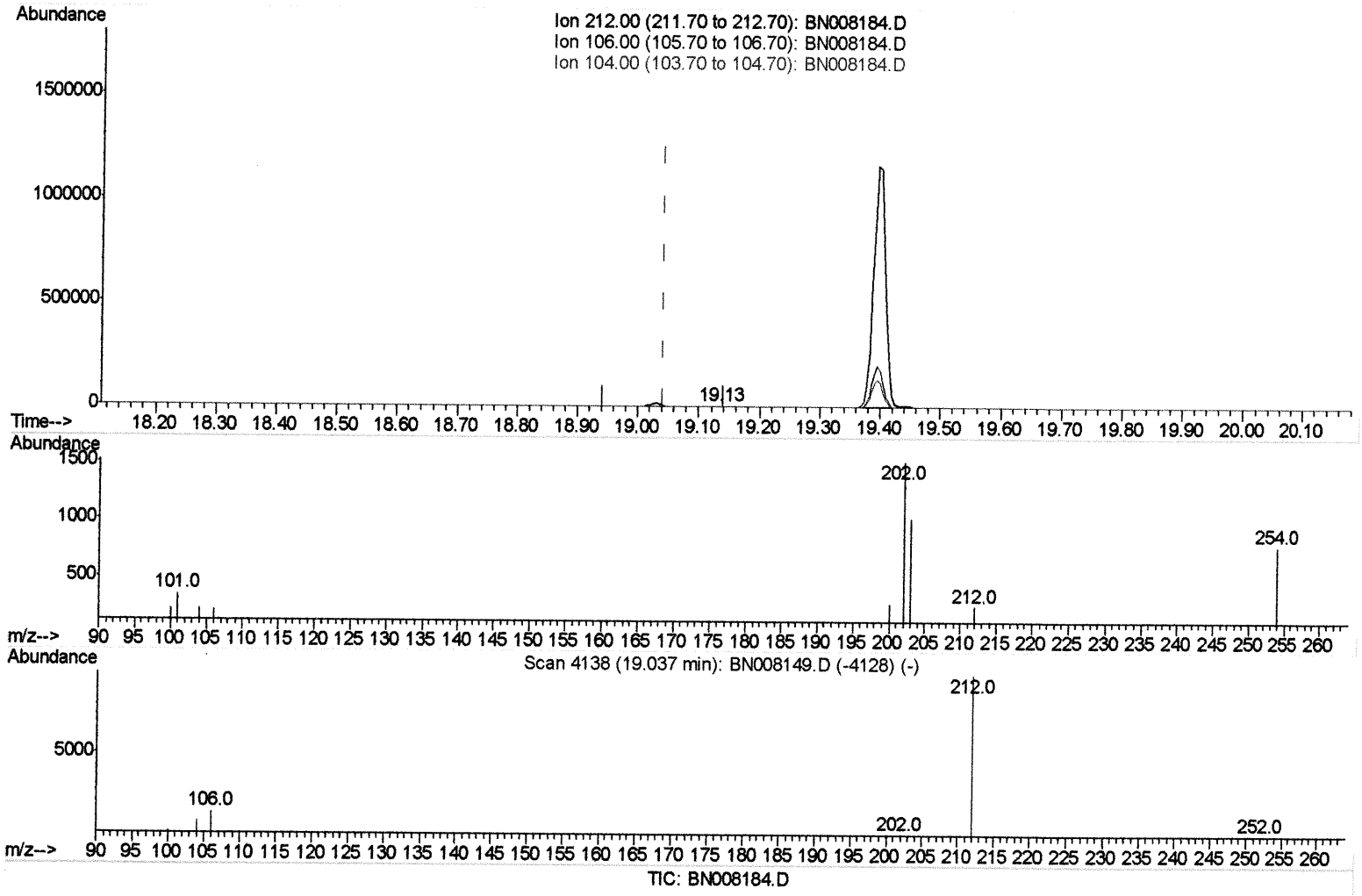
Ion	Exp%	Act%
178.00	100	100
179.00	16.30	16.23
176.00	18.80	18.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



(14) Fluoranthene-d10 (SURR)

19.135min (+0.093) 0.01ng/ul

response 289

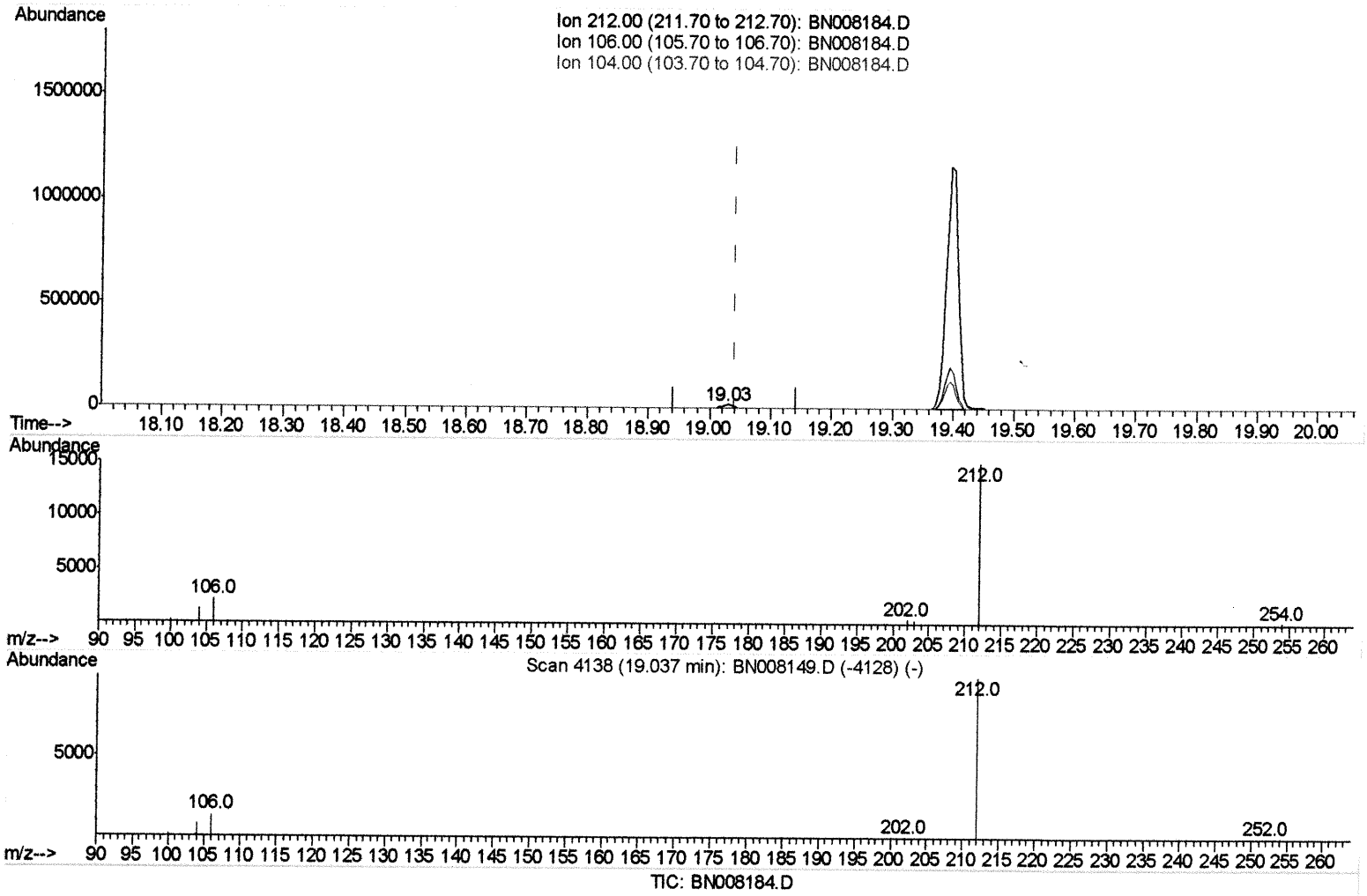
Ion	Exp%	Act%
212.00	100	100
106.00	12.70	25.26#
104.00	7.20	41.87#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



TIC: BN008184.D

(14) Fluoranthene-d10 (SURR)

19.028min (-0.014) 0.35ng/ul m

response 19114

JU 10/21/19

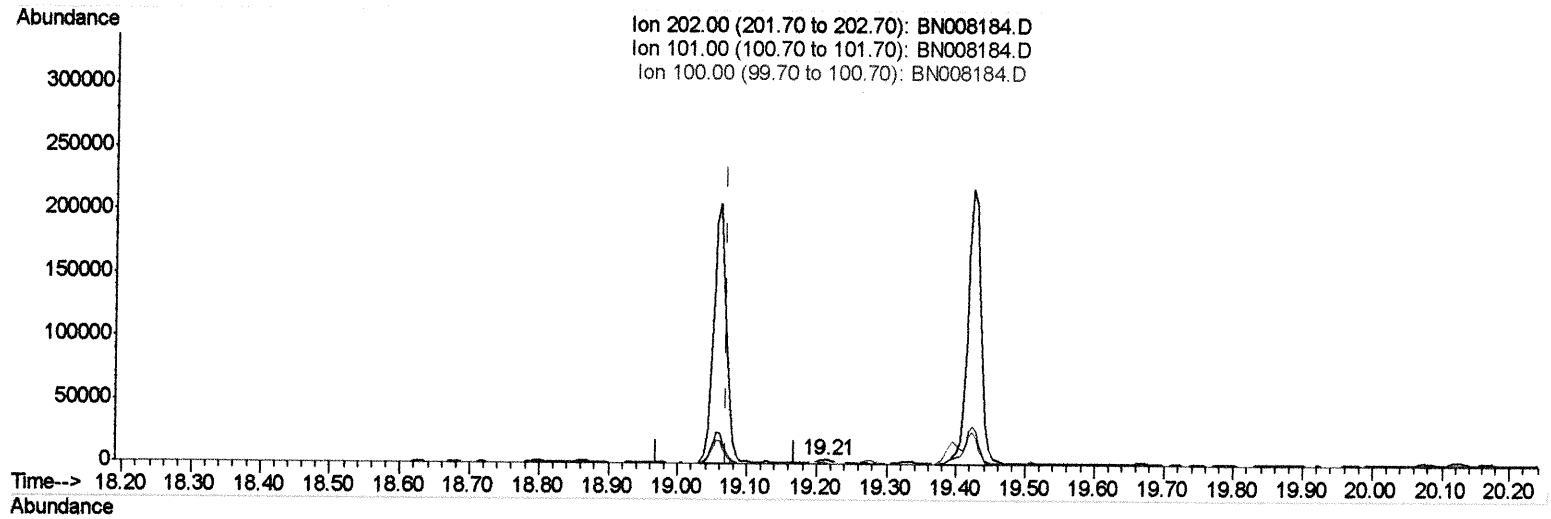
Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.38#
104.00	7.20	0.63#
0.00	0.00	0.00

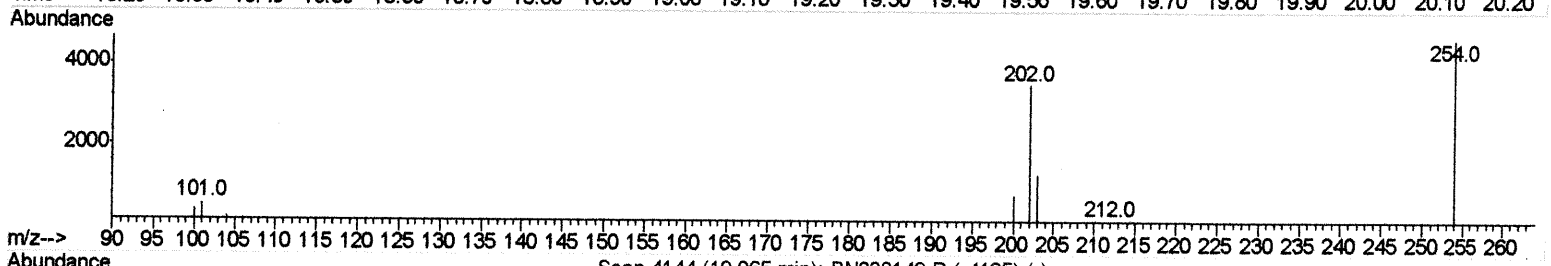
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

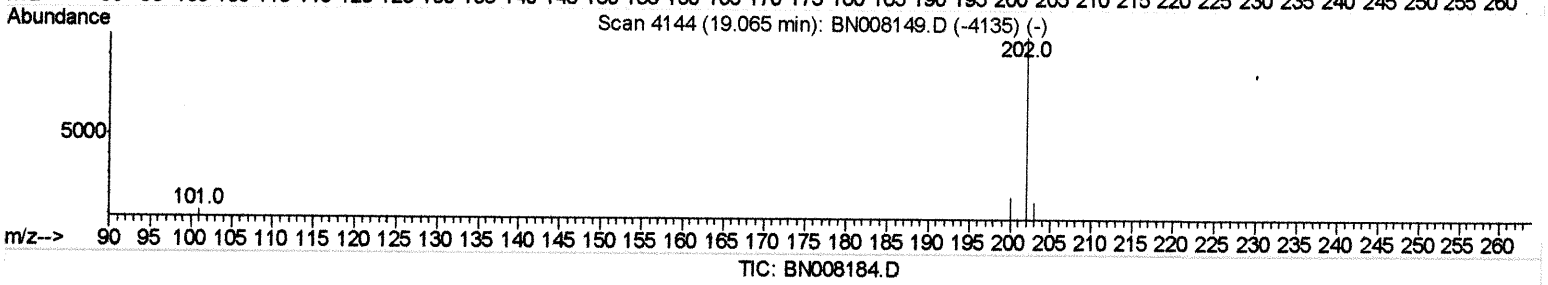
Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







(15) Fluoranthene (C)

19.214min (+0.144) 0.06ng/ul

response 3496

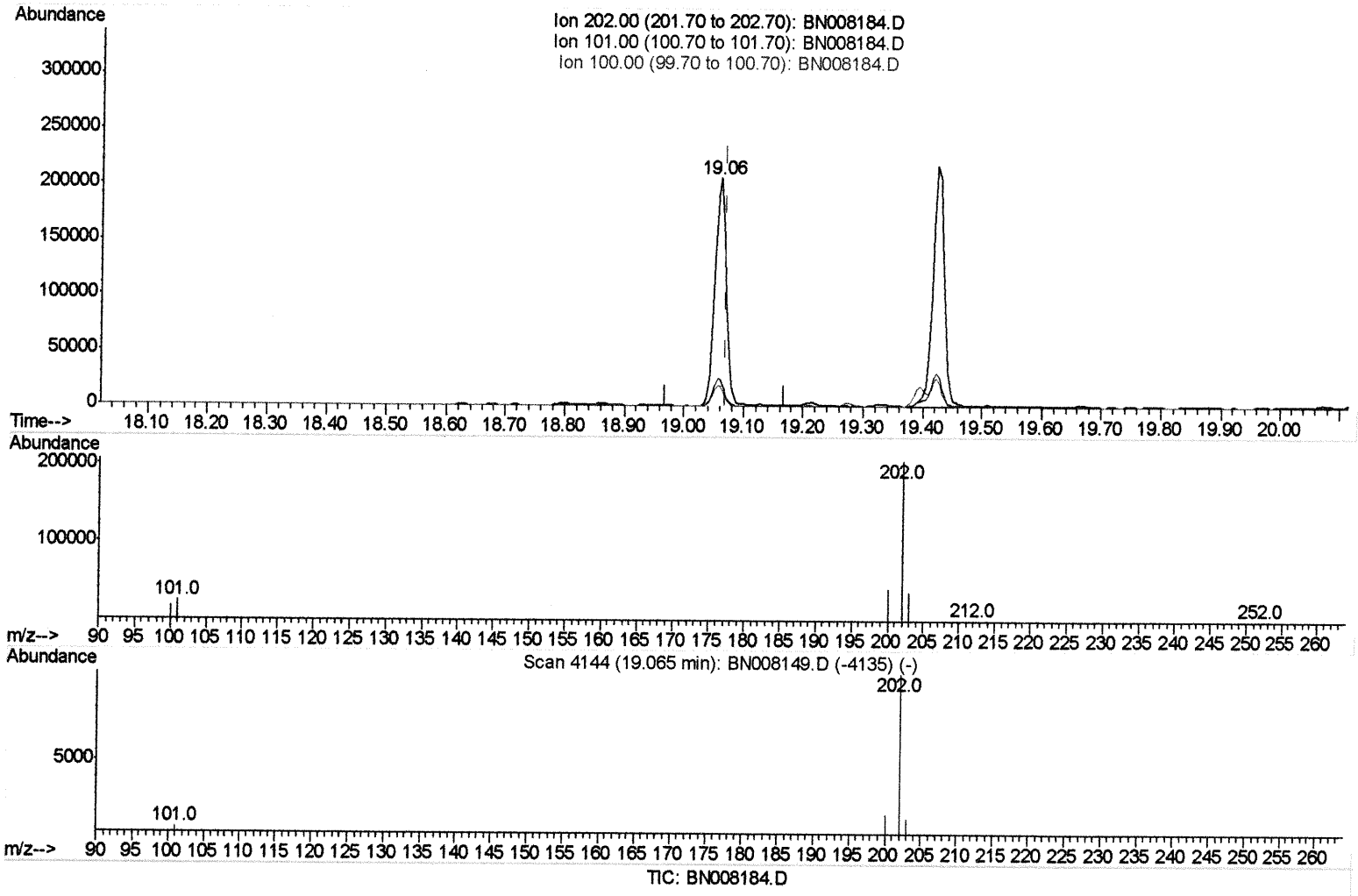
Ion	Exp%	Act%
202.00	100	100
101.00	11.20	15.56
100.00	8.50	11.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



TIC: BN008184.D

(15) Fluoranthene (C)

19.060min (-0.009) 4.45ng/ul m JU 10/21/19

response 269725

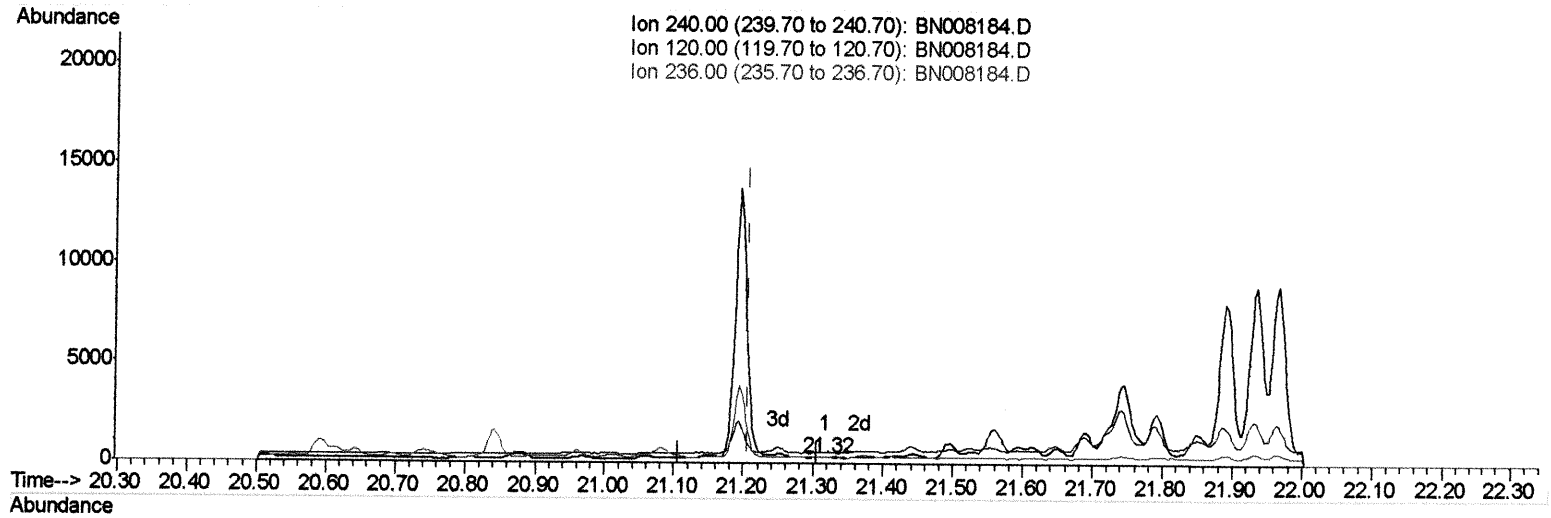
Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.58
100.00	8.50	8.56
0.00	0.00	0.00

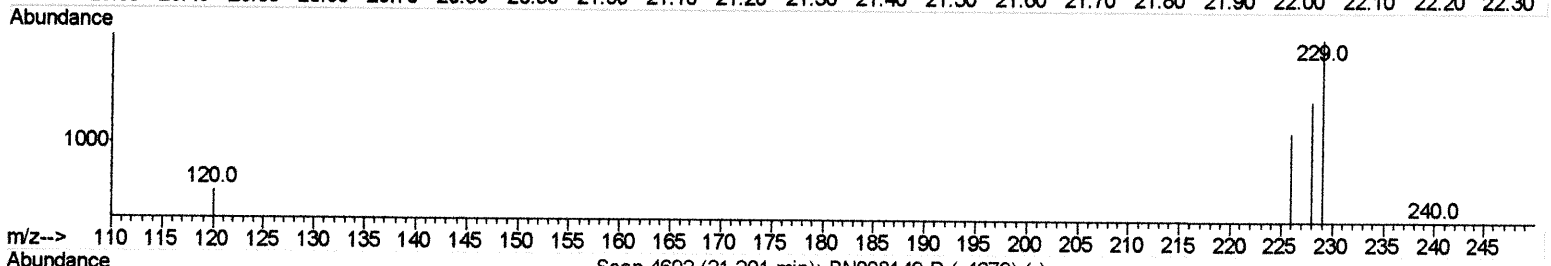
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

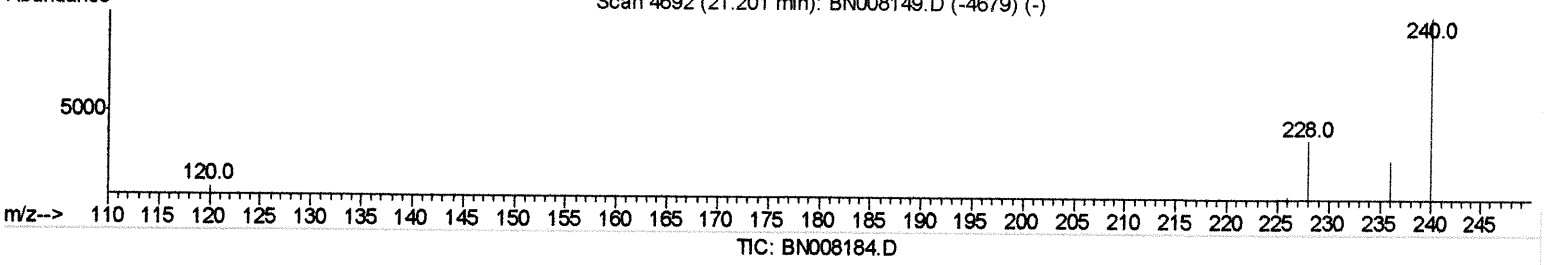
Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM





Scan 4692 (21.201 min): BN008149.D (-4679) (-)



TIC: BN008184.D

(16) Chrysene-d12 (I)

21.318min (+0.111) 0.40ng/ul

response 71

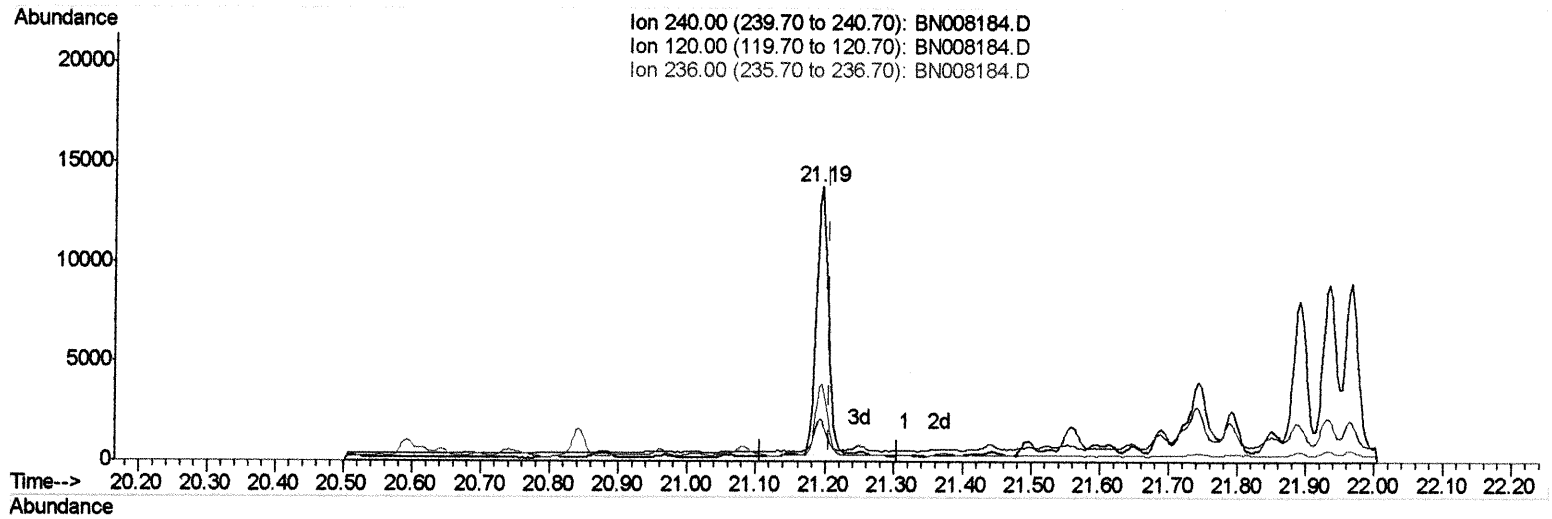
Ion	Exp%	Act%
240.00	100	100
120.00	14.70	183.06#
236.00	28.40	99.35#
0.00	0.00	0.00

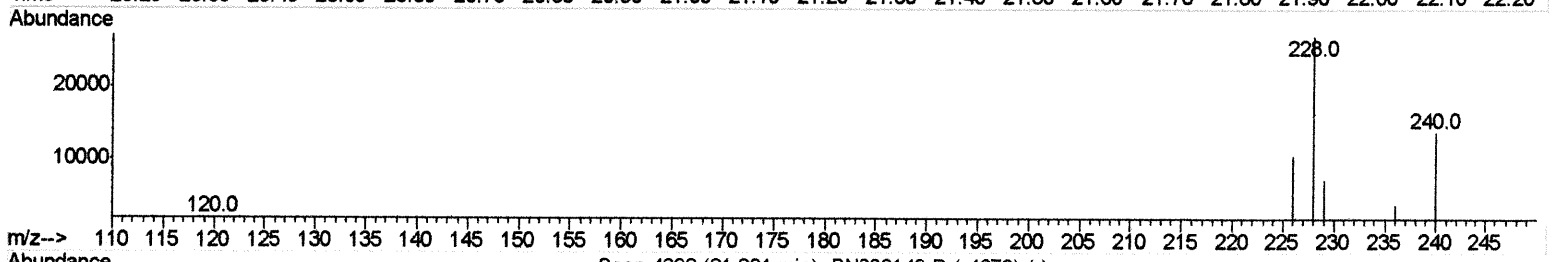
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

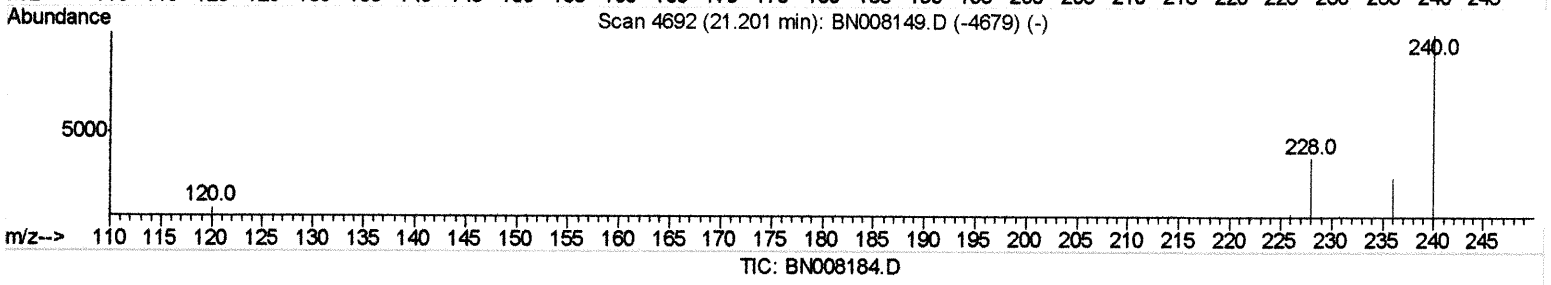
Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(16) Chrysene-d12 (I)

21.195min (-0.012) 0.40ng/ul m

response 16289

10/21/19

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.96
236.00	28.40	28.38
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
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ALS Vial : 51 Sample Multiplier: 1

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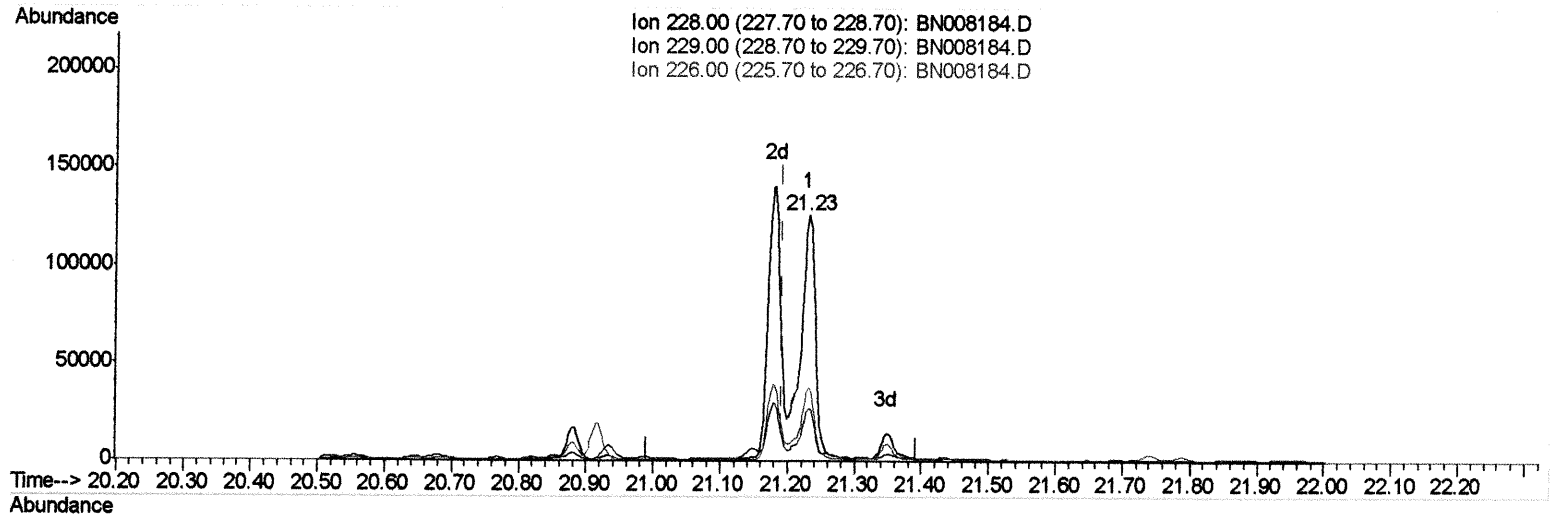
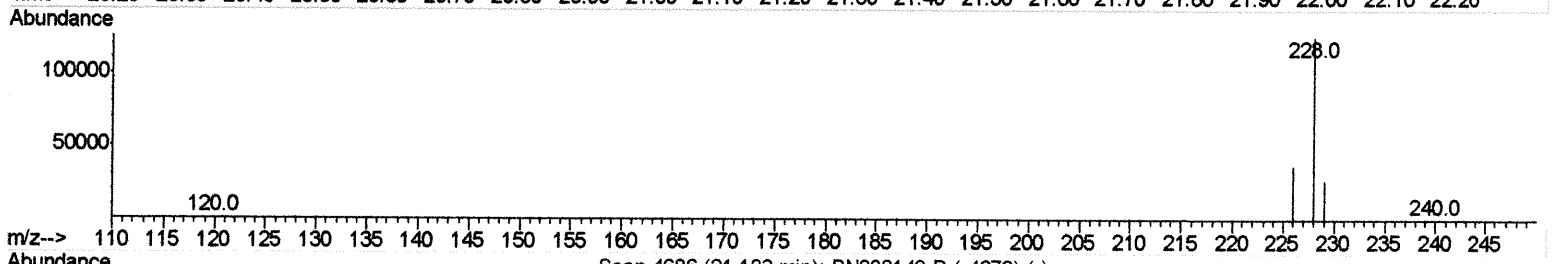
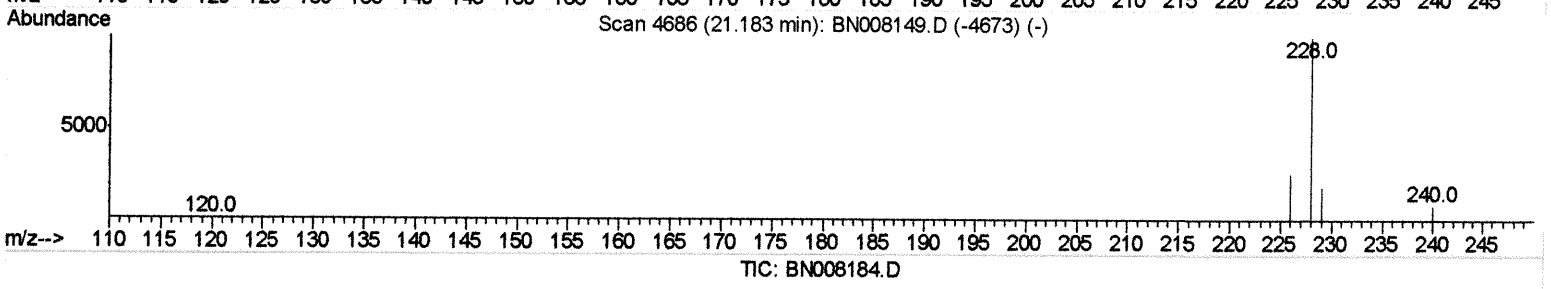
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(18) Benzo(a)anthracene

21.230min (+0.038) 3.16ng/ul

response 187085

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.57
226.00	26.70	29.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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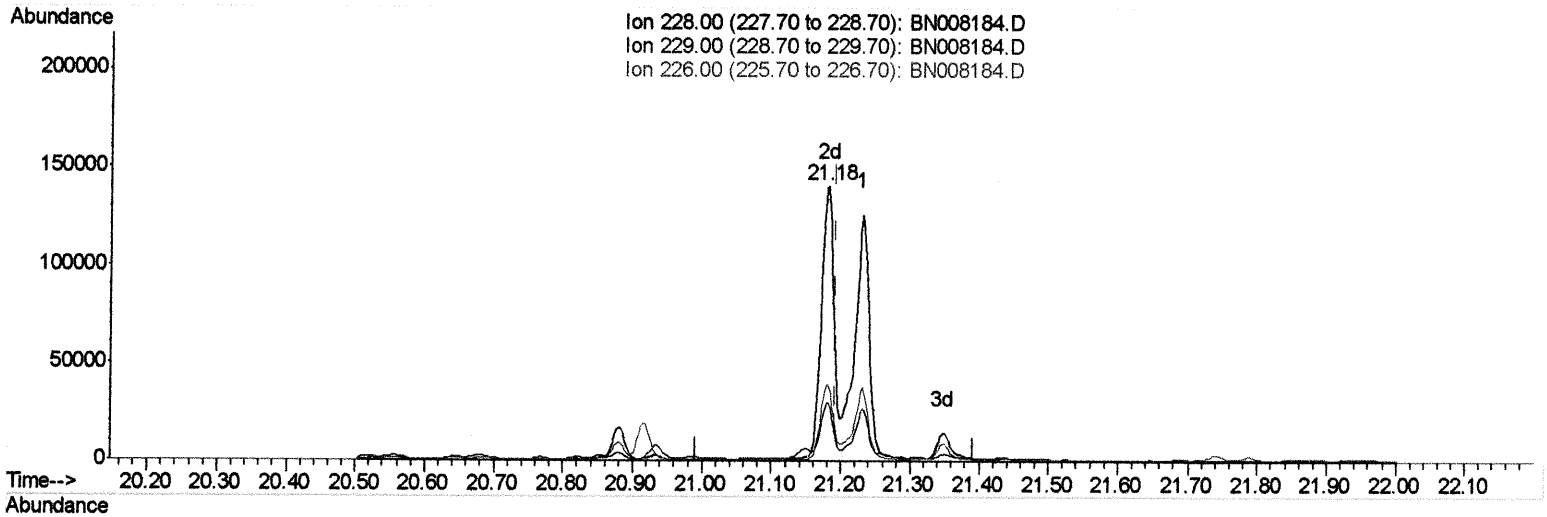
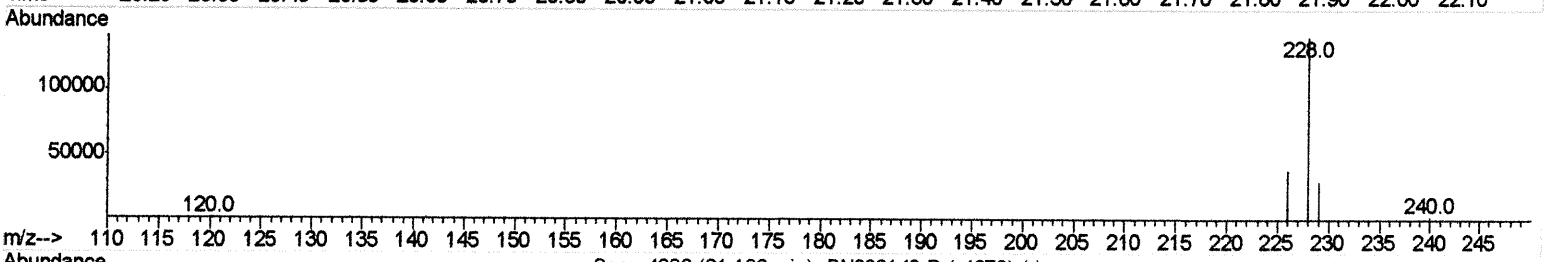
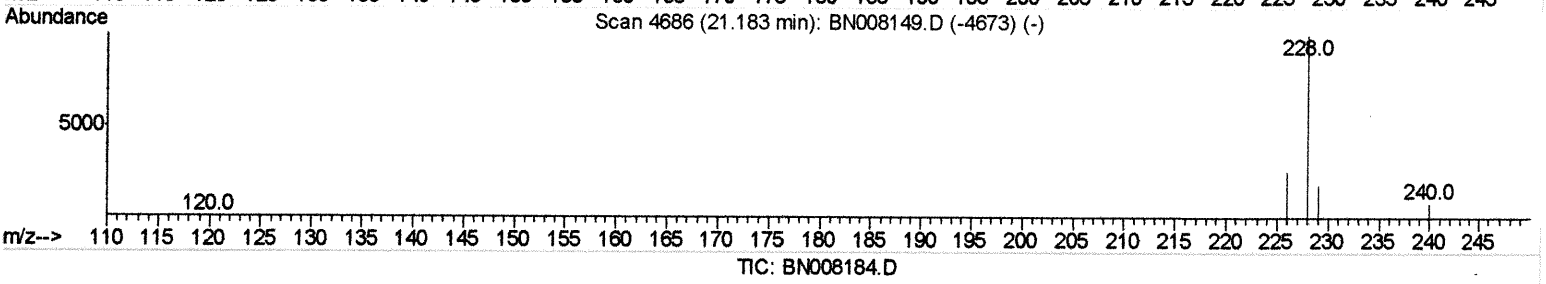
Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(18) Benzo(a)anthracene

21.180min (-0.012) 2.99ng/ul m

response 176984

JU 10/21/19

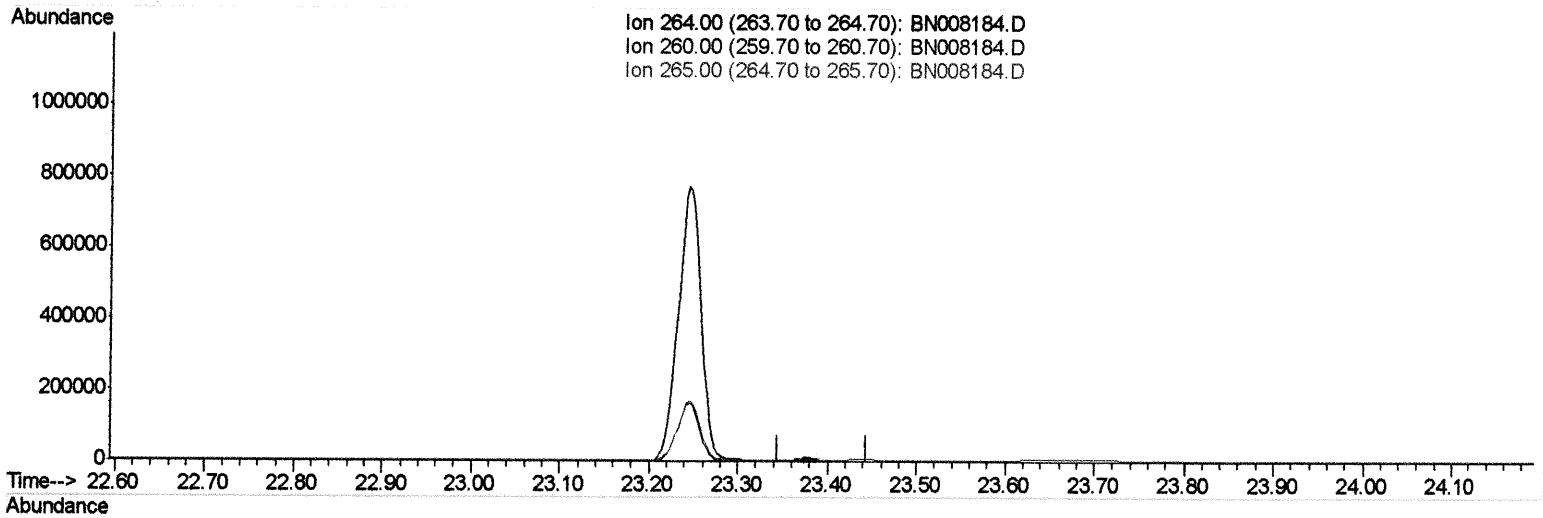
Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.20
226.00	26.70	27.55
0.00	0.00	0.00

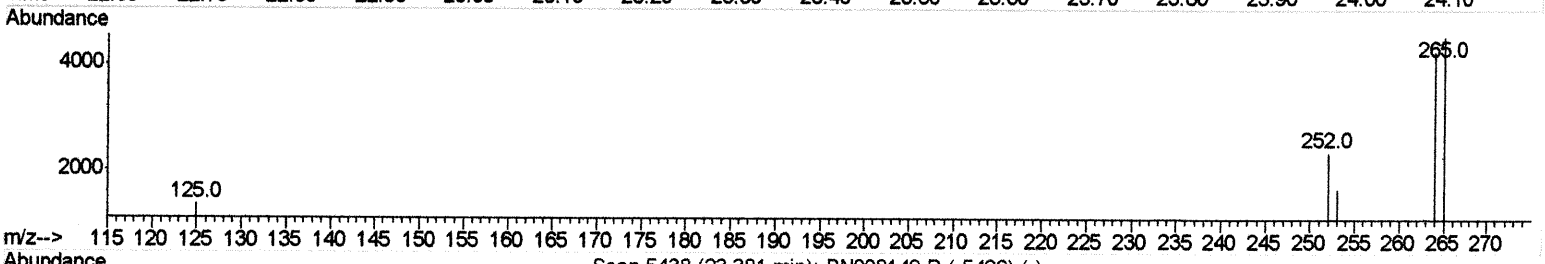
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

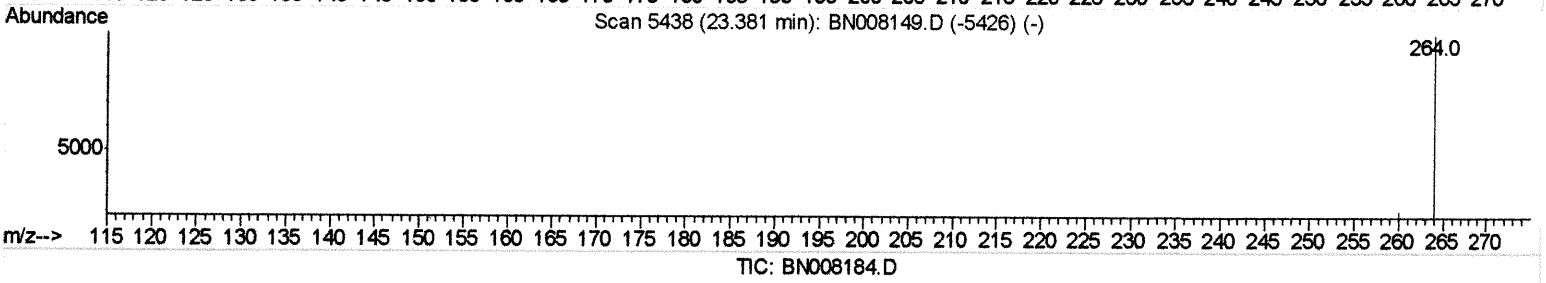
Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







(20) Perylene-d12 (I)

23.395min (-23.395) 0.00ng/ul

response 0

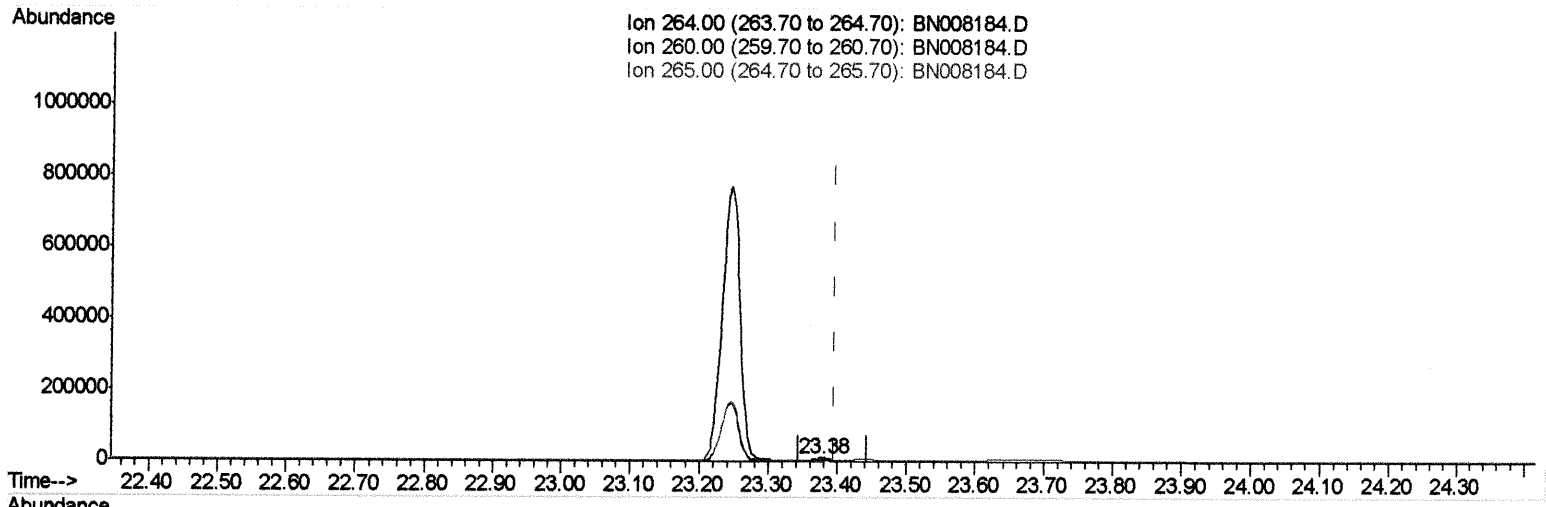
Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

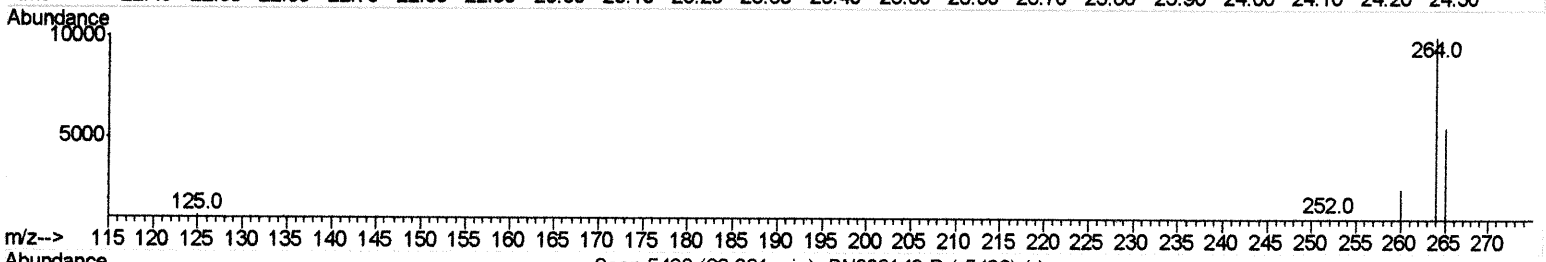
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

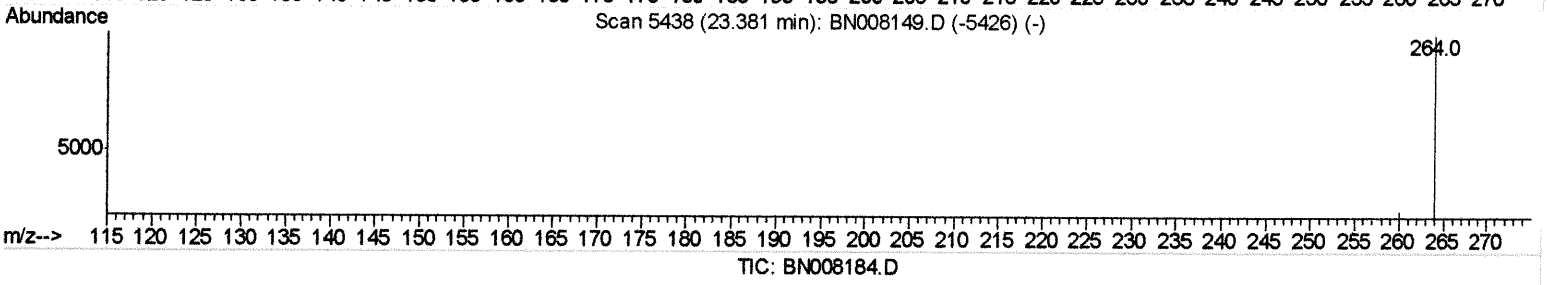
Quant Time: Oct 16 04:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







(20) Perylene-d12 (I)

23.378min (-0.017) 0.40ng/ul m JU 10/24/19

response 13249

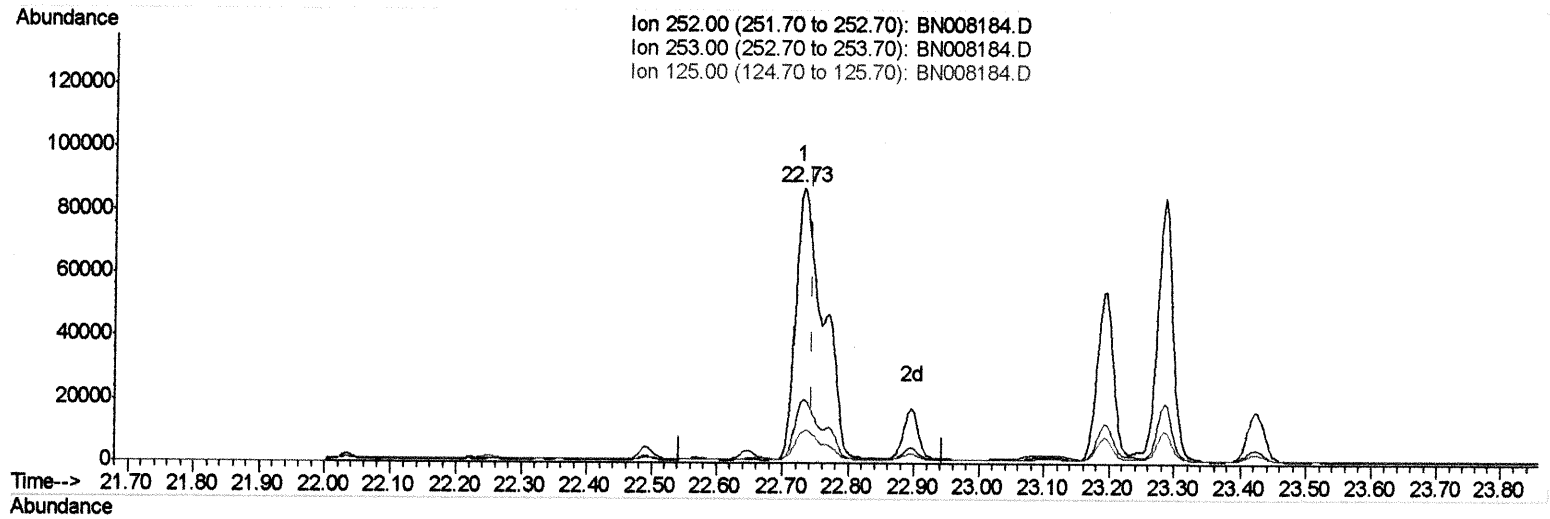
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.38
265.00	74.00	55.50#
0.00	0.00	0.00

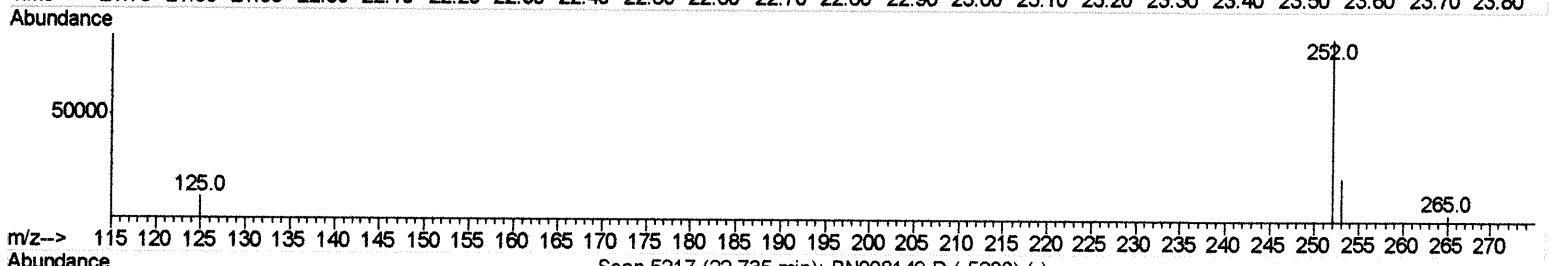
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:45:54 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

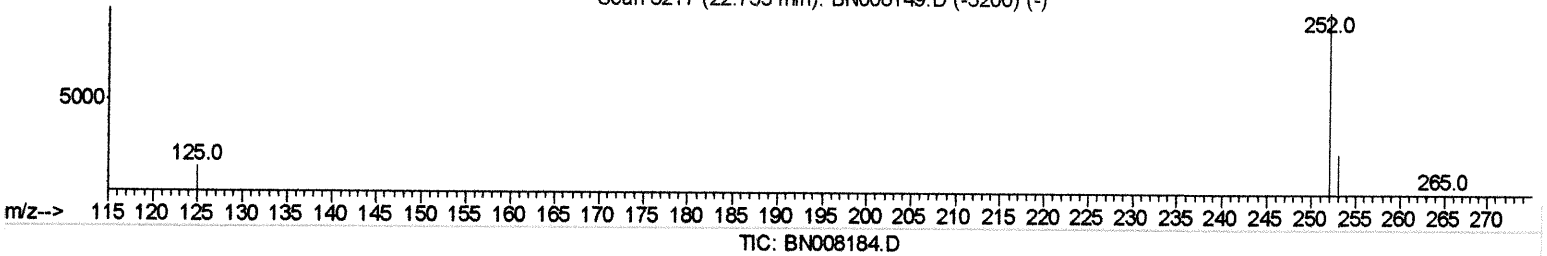
Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM





Scan 5217 (22.735 min): BN008149.D (-5200) (-)



TIC: BN008184.D

(21) Benzo(b)fluoranthene

22.729min (-0.015) 5.90ng/ul

response 254451

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.34
125.00	16.20	11.58
0.00	0.00	0.00

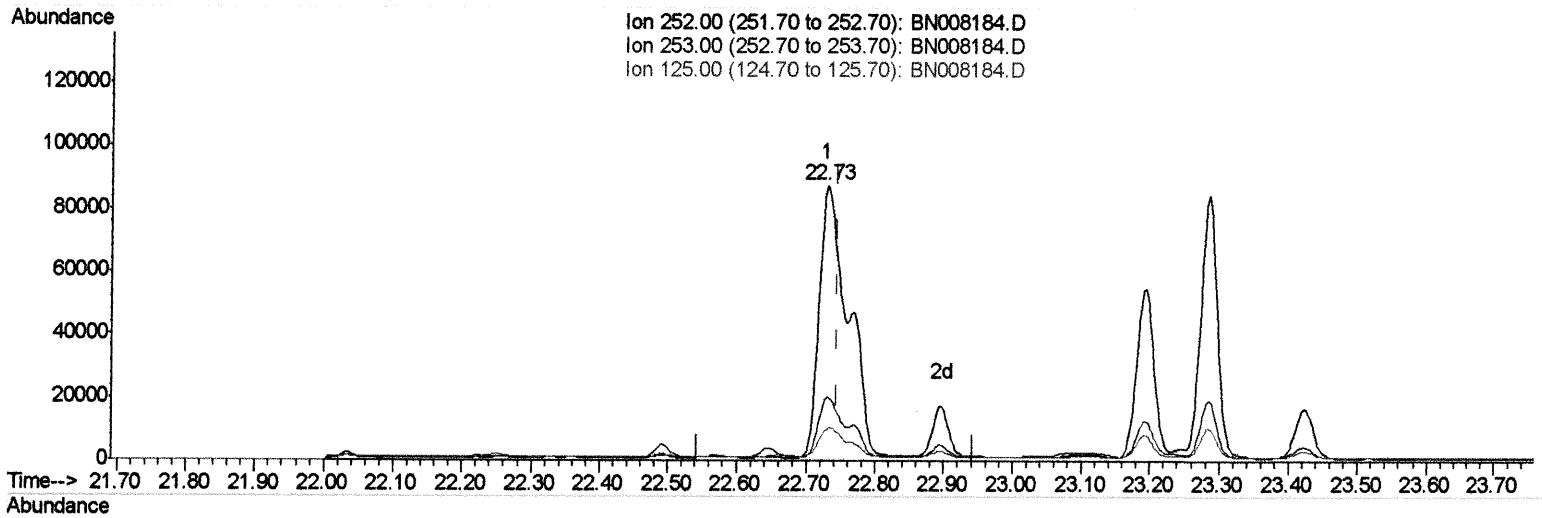
Quantitation Report (Qual)

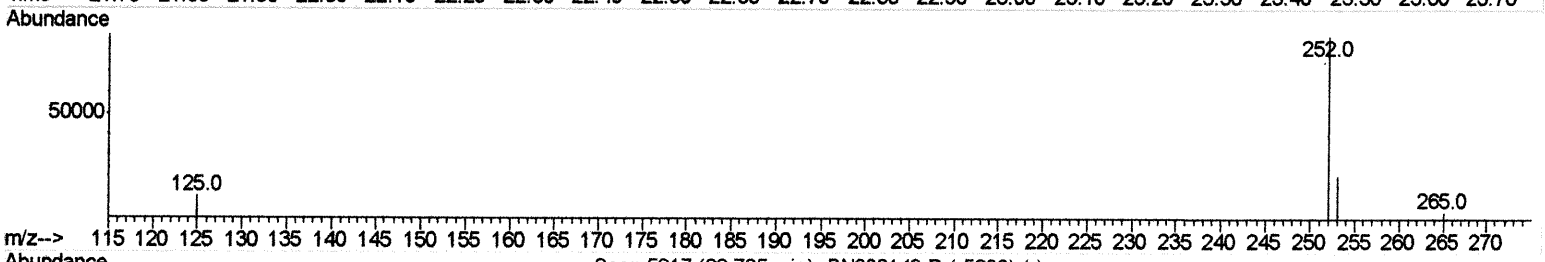
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

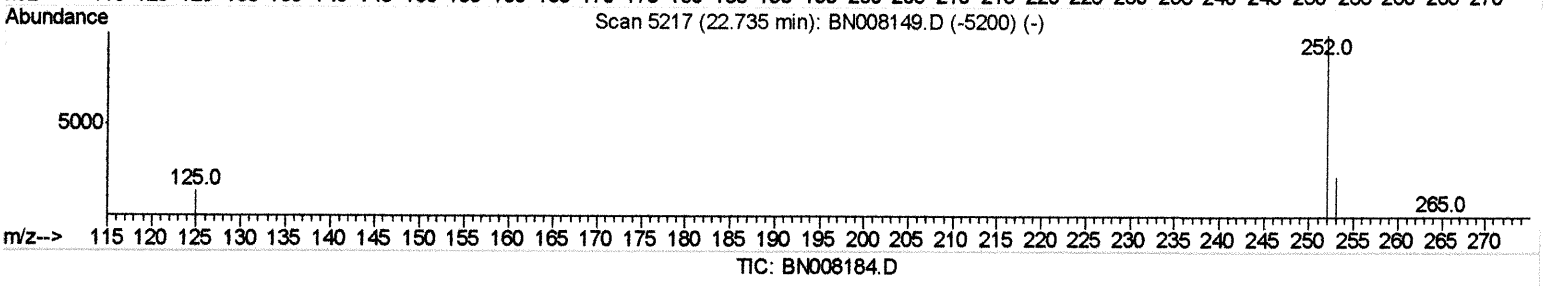
Quant Time: Oct 16 04:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(21) Benzo(b)fluoranthene

22.729min (-0.015) 4.39ng/ul m JU 10/21/19

response 189240

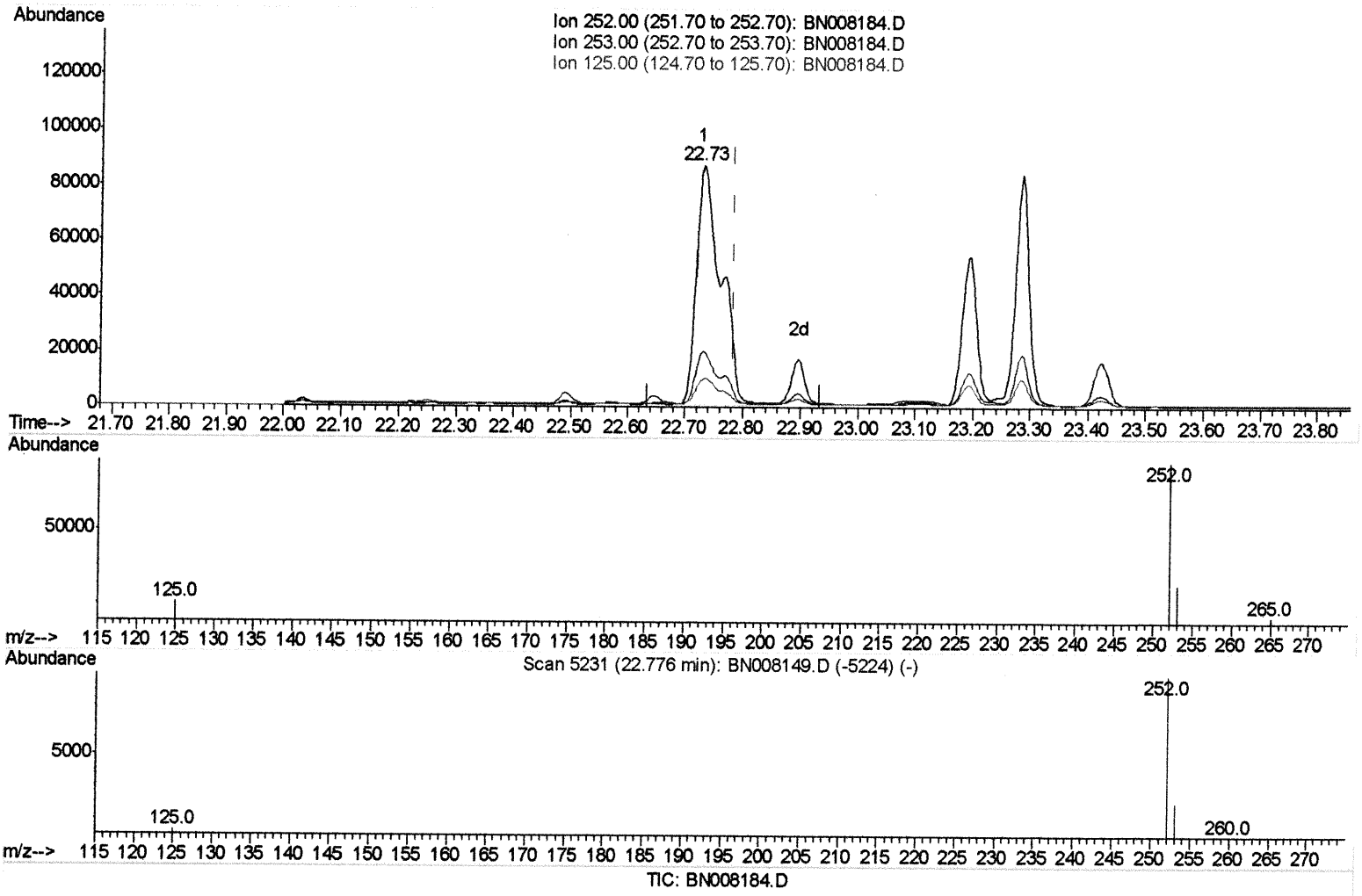
Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.34
125.00	16.20	11.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:45:54 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM



(22) Benzo(k)fluoranthene

22.729min (-0.056) 5.21ng/ul

response 254451

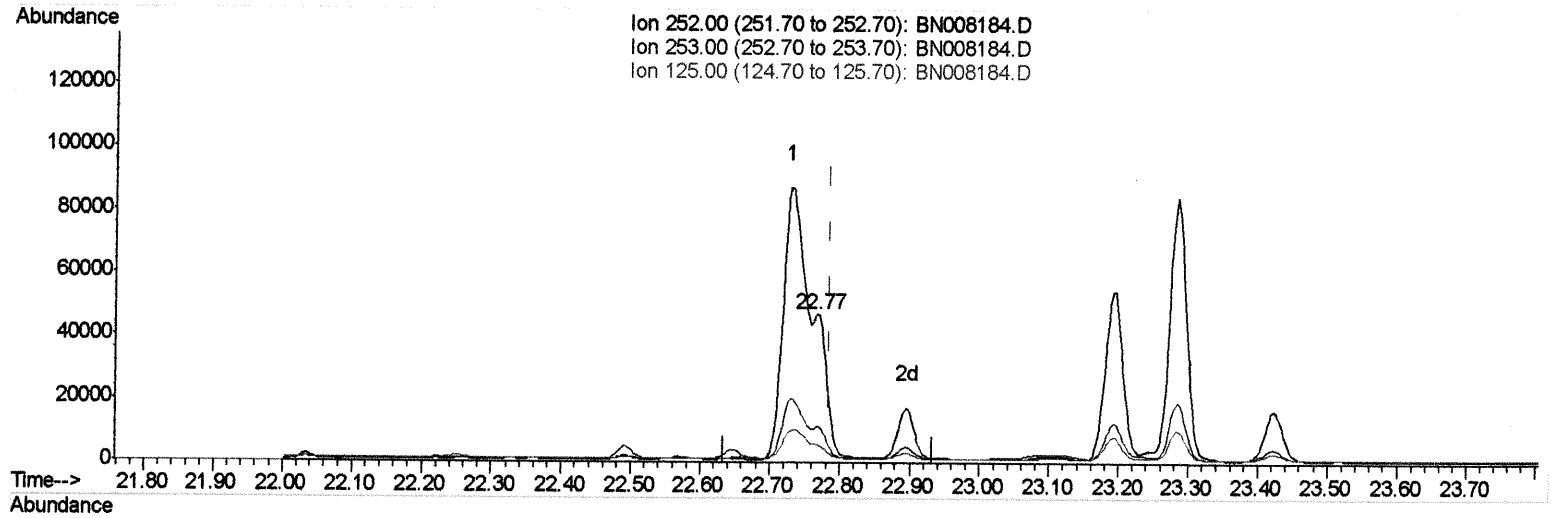
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.34
125.00	15.40	11.58#
0.00	0.00	0.00

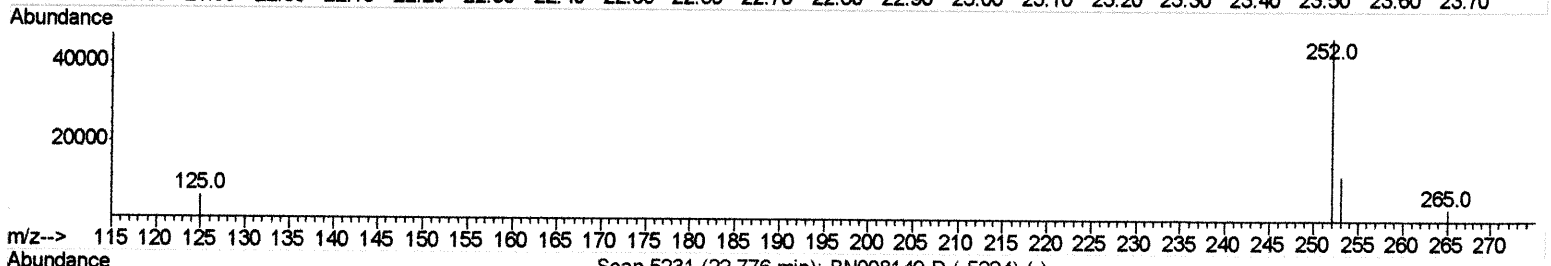
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

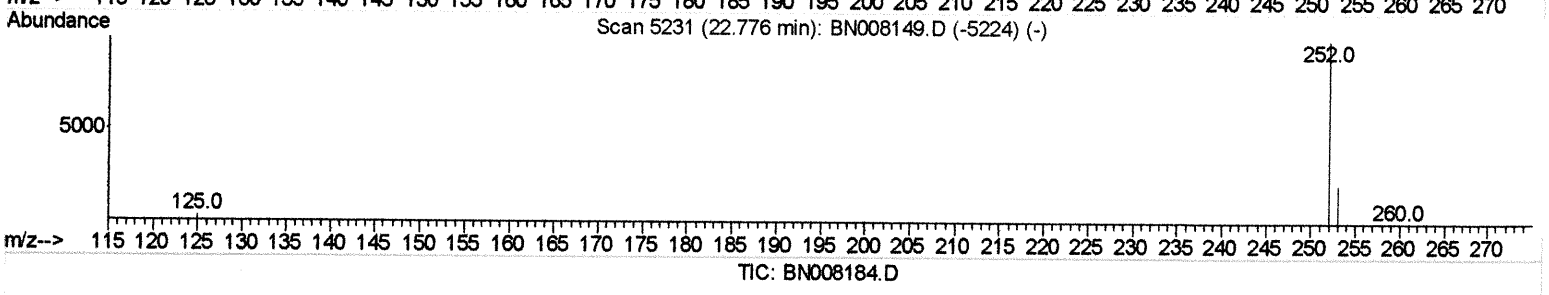
Quant Time: Oct 16 04:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







TIC: BN008184.D

(22) Benzo(k)fluoranthene

22.767min (-0.018) 1.26ng/ul m

JU 10/21/19

response 61350

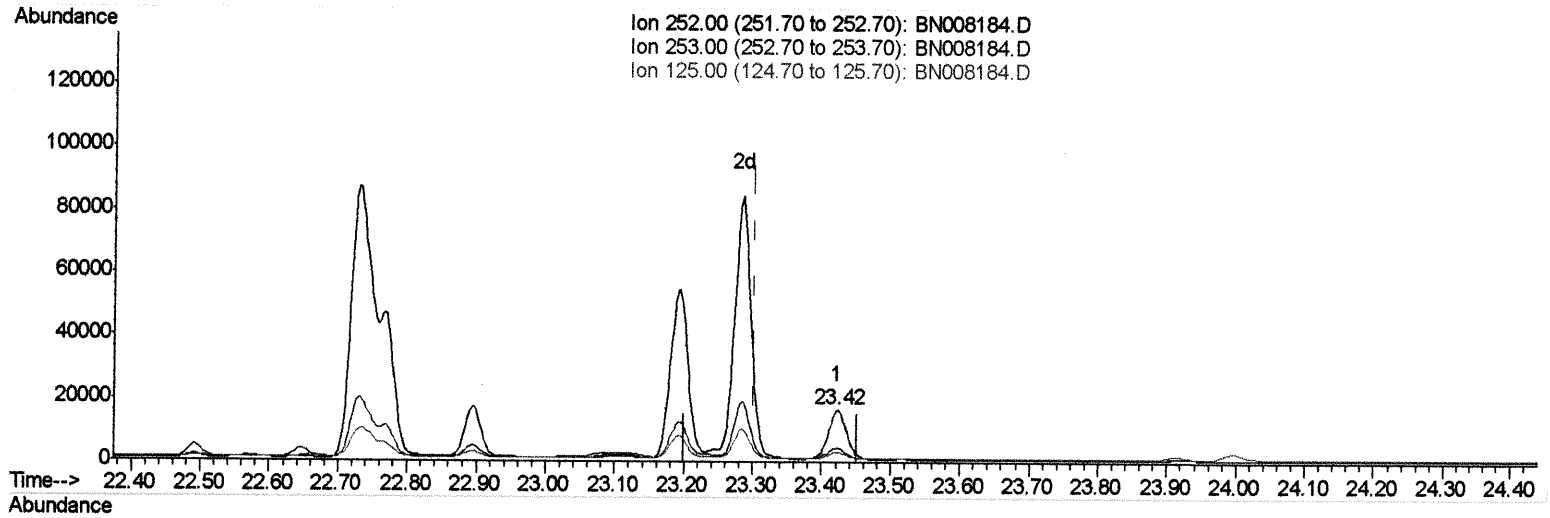
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.43
125.00	15.40	12.31#
0.00	0.00	0.00

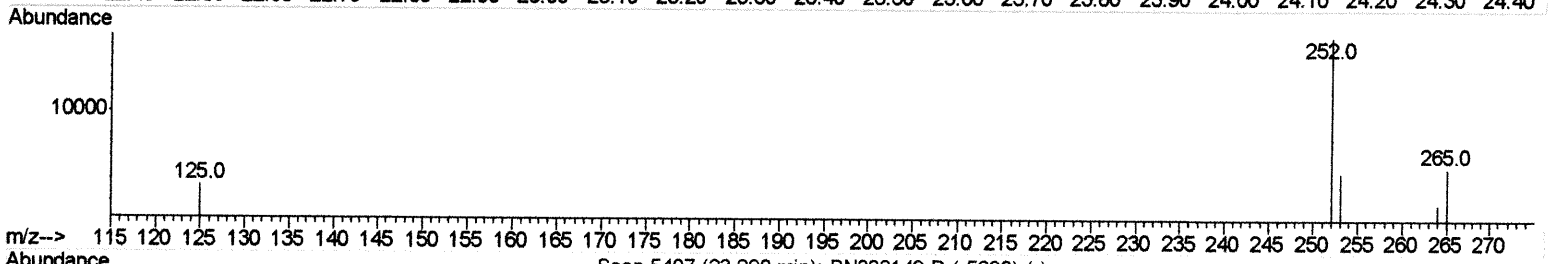
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

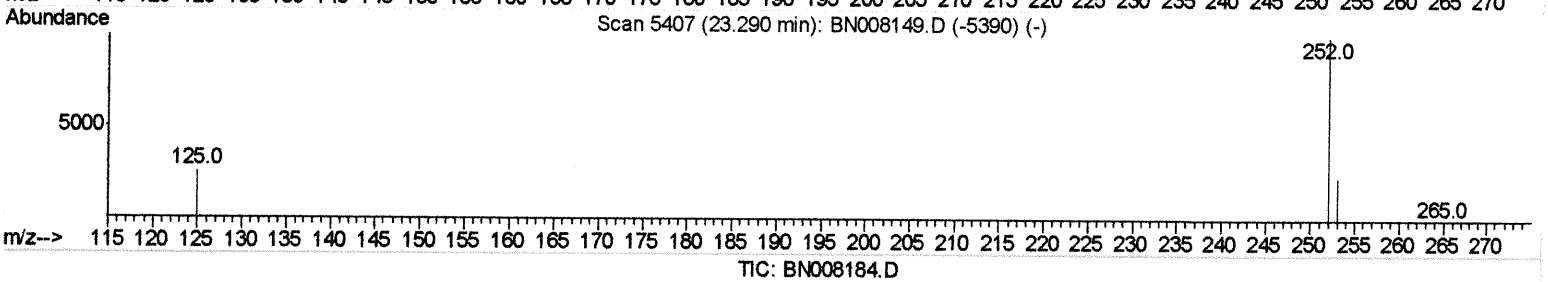
Quant Time: Oct 16 04:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM







(23) Benzo(a)pyrene (C)

23.422min (+0.120) 0.58ng/ul

response 26286

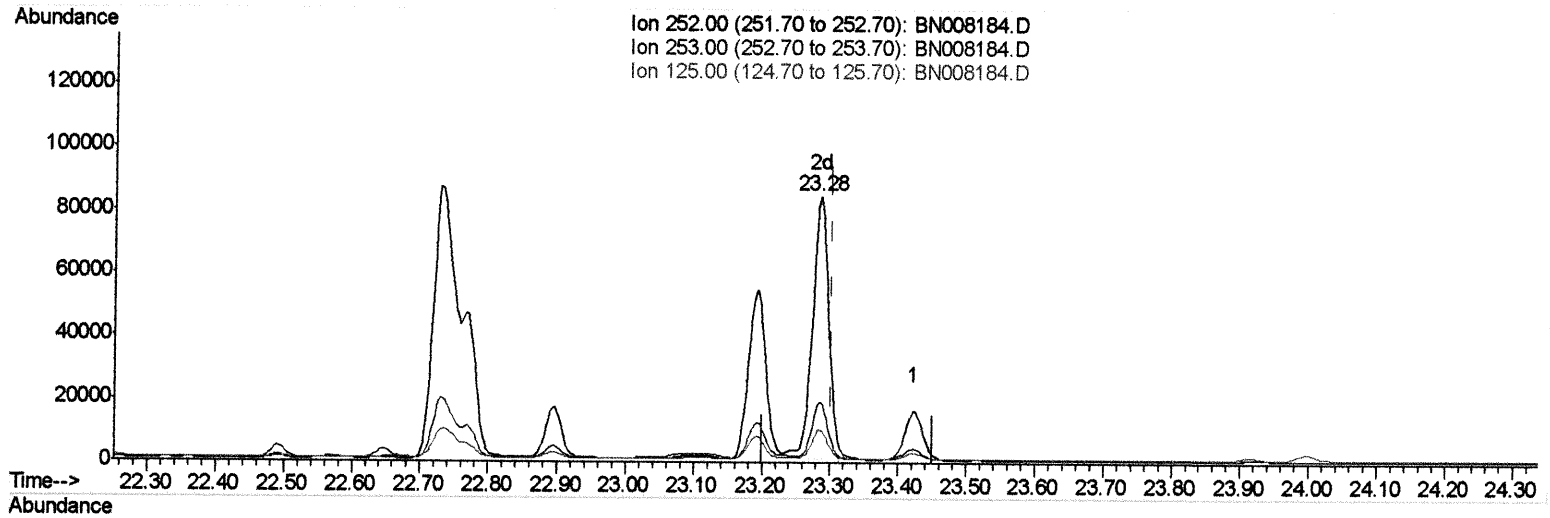
Ion	Exp%	Act%
252.00	100	100
253.00	28.50	27.84
125.00	23.00	20.02
0.00	0.00	0.00

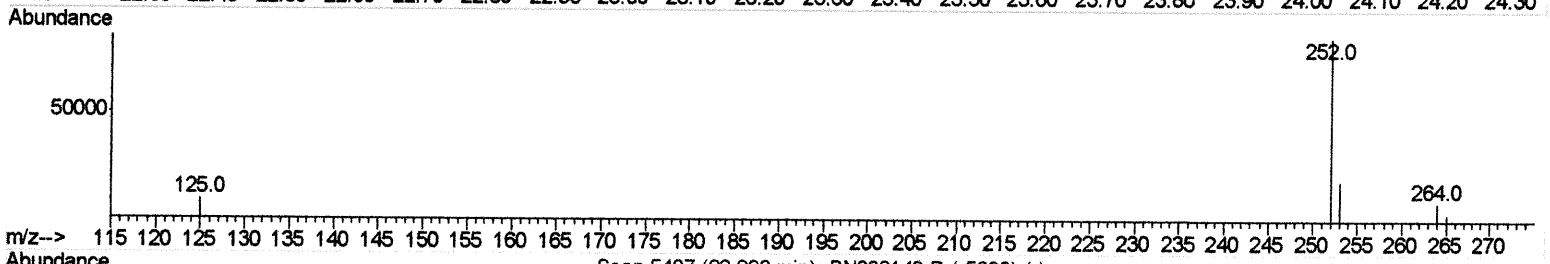
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 16 04:45:54 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

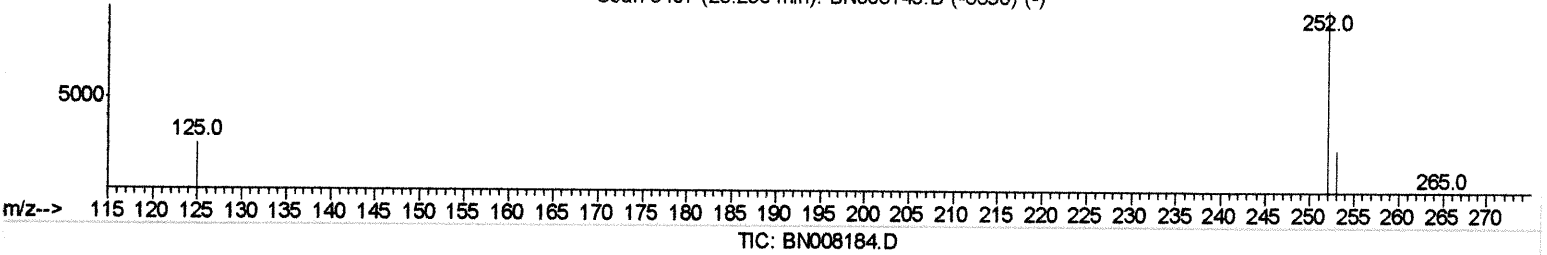
Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM





Scan 5407 (23.290 min): BN008149.D (-5390) (-)



TIC: BN008184.D

(23) Benzo(a)pyrene (C)

23.285min (-0.018) 3.01ng/ul m

response 136524

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	28.50	23.14
125.00	23.00	12.39#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
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10/16/2019 4:08:44 PM

Quant Time: Oct 16 04:47:35 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2215	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10781	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15671m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16289m	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	13249m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5863	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	19114m	0.35	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1619	0.053	ng/ul#	87
5) 2-Methylnaphthalene	12.06	142	823	0.039	ng/ul	97
7) Acenaphthylene	13.96	152	7809	0.238	ng/ul	98
8) Acenaphthene	14.31	153	3542	0.139	ng/ul	98
9) Fluorene	15.30	166	4301	0.149	ng/ul#	96
12) Phenanthrene	17.04	178	101344m	2.209	ng/ul	
13) Anthracene	17.13	178	21812m	0.540	ng/ul	
15) Fluoranthene	19.06	202	269725m	4.451	ng/ul	
17) Pyrene	19.42	202	289757	4.468	ng/ul	98
18) Benzo(a)anthracene	21.18	228	176984m	2.989	ng/ul	
19) Chrysene	21.23	228	183950	2.531	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	189240m	4.388	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	61350m	1.256	ng/ul	
23) Benzo(a)pyrene	23.28	252	136524m	3.008	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.54	276	69738	1.305	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.55	278	18814	0.445	ng/ul	95
26) Benzo(g,h,i)perylene	26.20	276	57991	1.183	ng/ul	99

JU 10/21/19

JU 10/21/19

JU 10/21/19

JU 10/21/19

JU 10/21/19

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