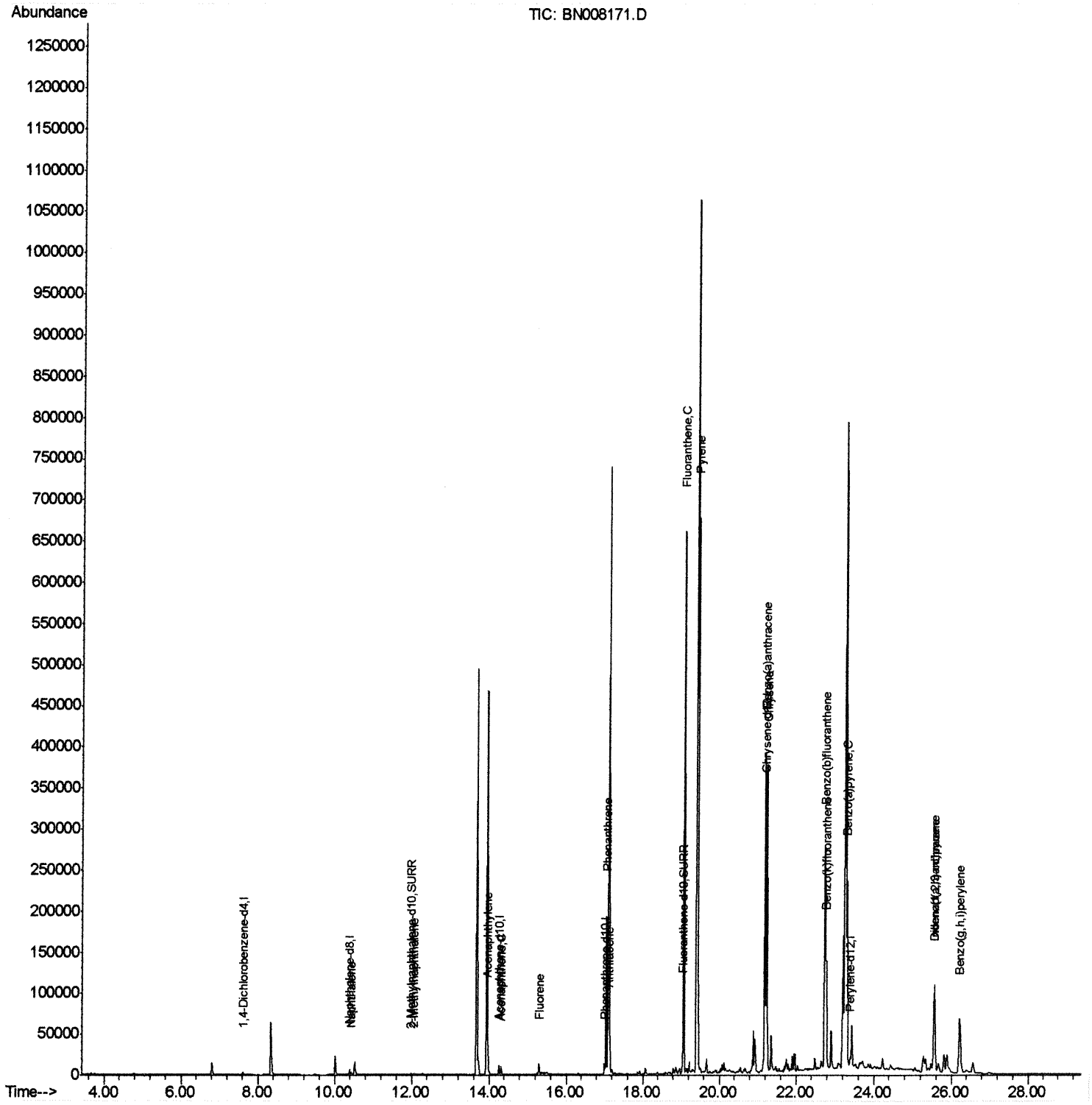
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:01:43 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



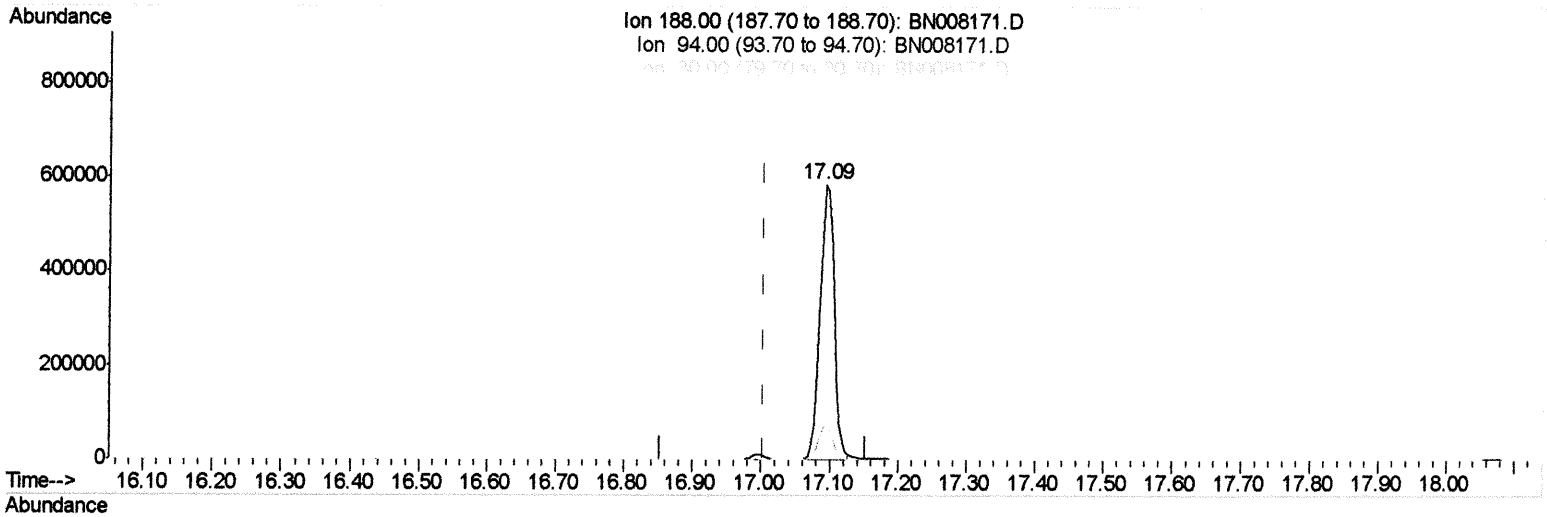
Quantitation Report (Qedit)

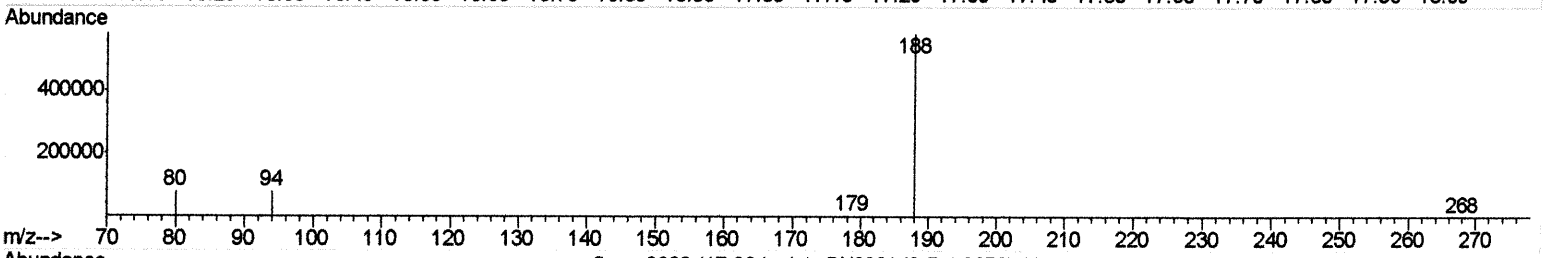
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

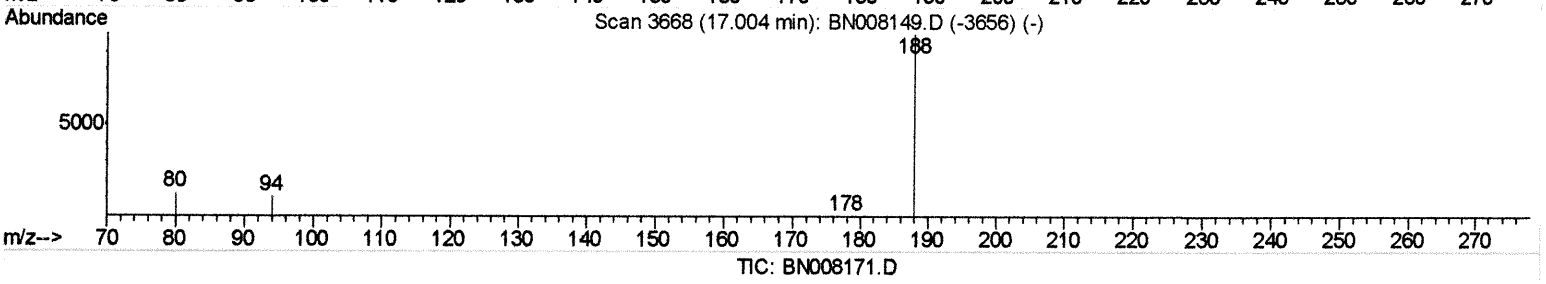
Quant Time: Oct 15 15:49:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







(10) Phenanthrene-d10 (I)

17.093min (+0.089) 0.40ng/ul

response 839498

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.13#
80.00	12.60	13.07
0.00	0.00	0.00

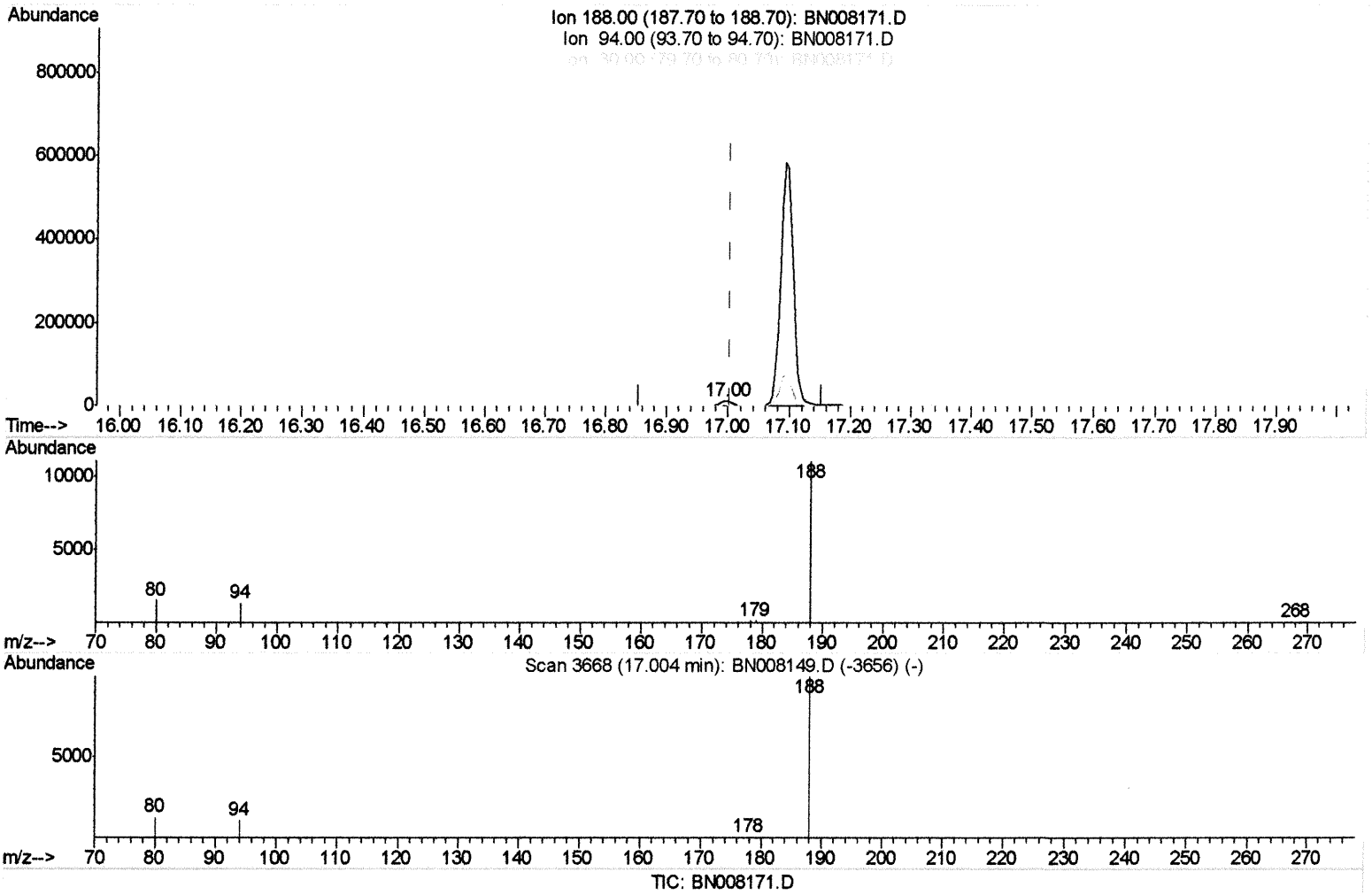
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:49:51 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



(10) Phenanthrene-d10 (I)

16.996min (-0.009) 0.40ng/ul m JU 10/16/19

response 15363

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.17
80.00	12.60	13.98
0.00	0.00	0.00

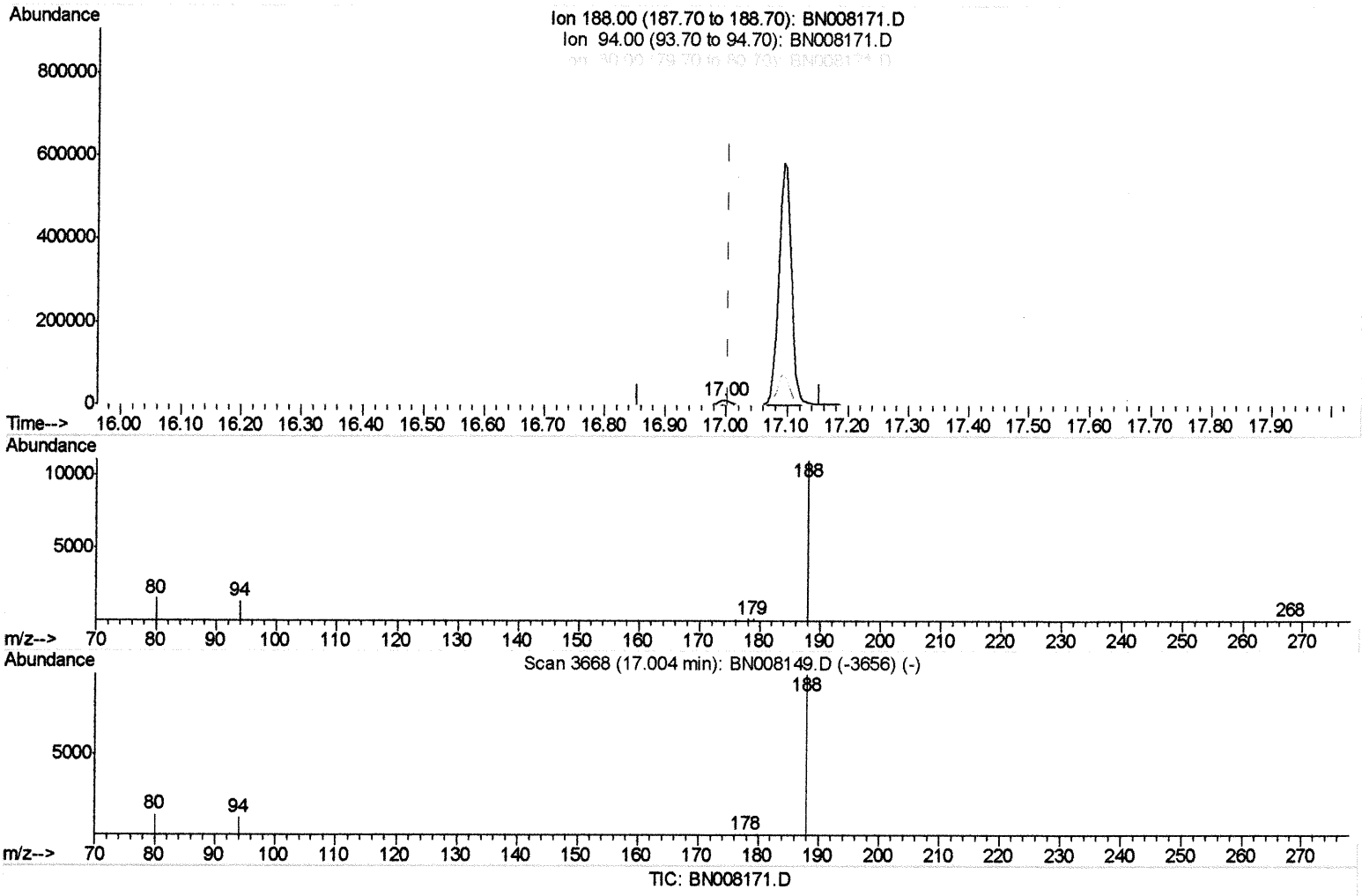
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:49:51 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



(10) Phenanthrene-d10 (I)

16.996min (-0.009) 0.40ng/ul m JU 10/16/19

response 15363

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.17
80.00	12.60	13.98
0.00	0.00	0.00

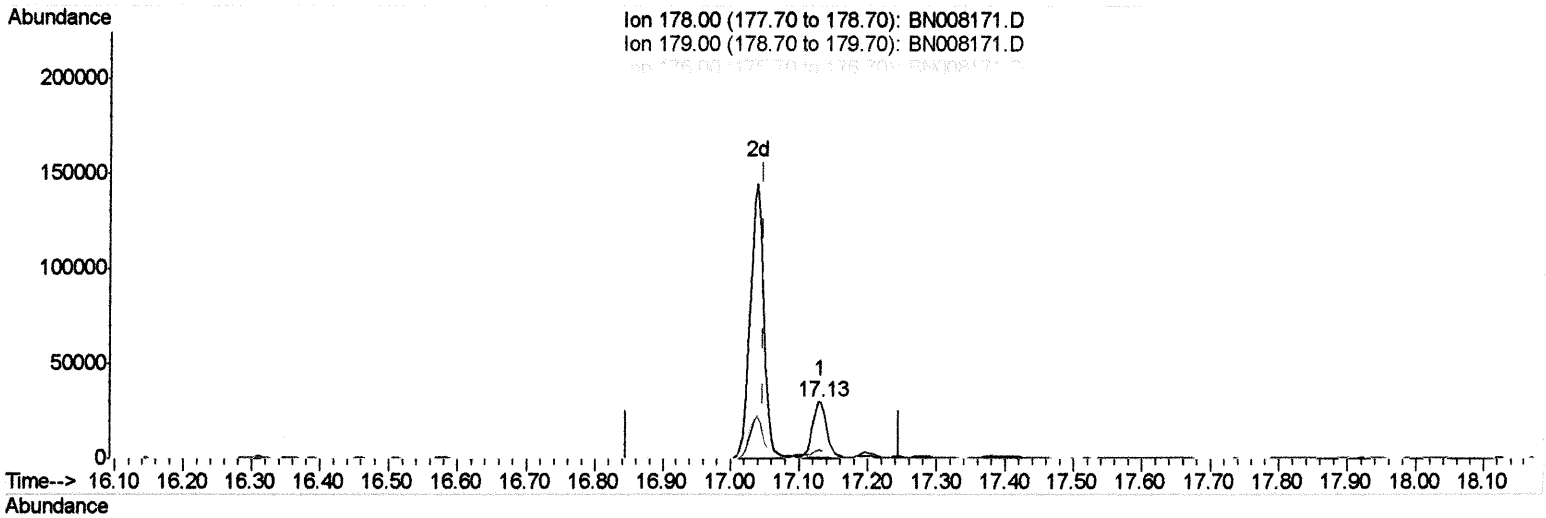
Quantitation Report (Qedit)

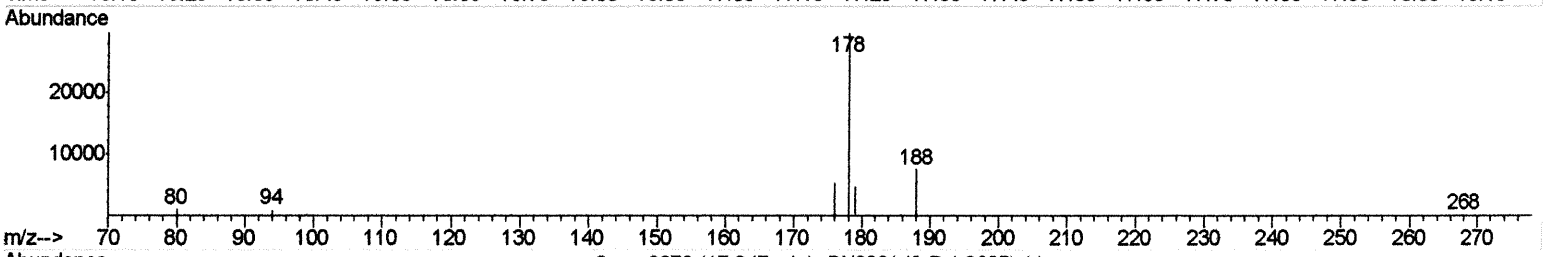
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

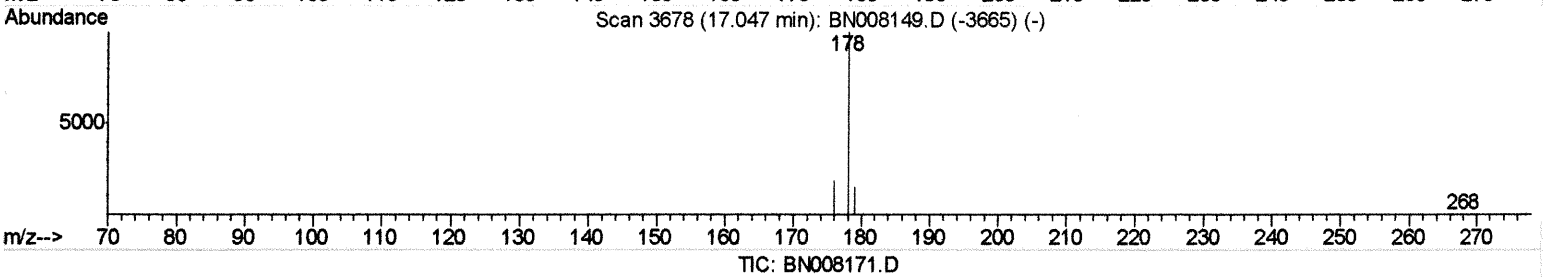
Quant Time: Oct 15 15:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







TIC: BN008171.D

(12) Phenanthrene

17.131min (+0.084) 0.92ng/ul

response 41486

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.97
176.00	19.30	18.02
0.00	0.00	0.00

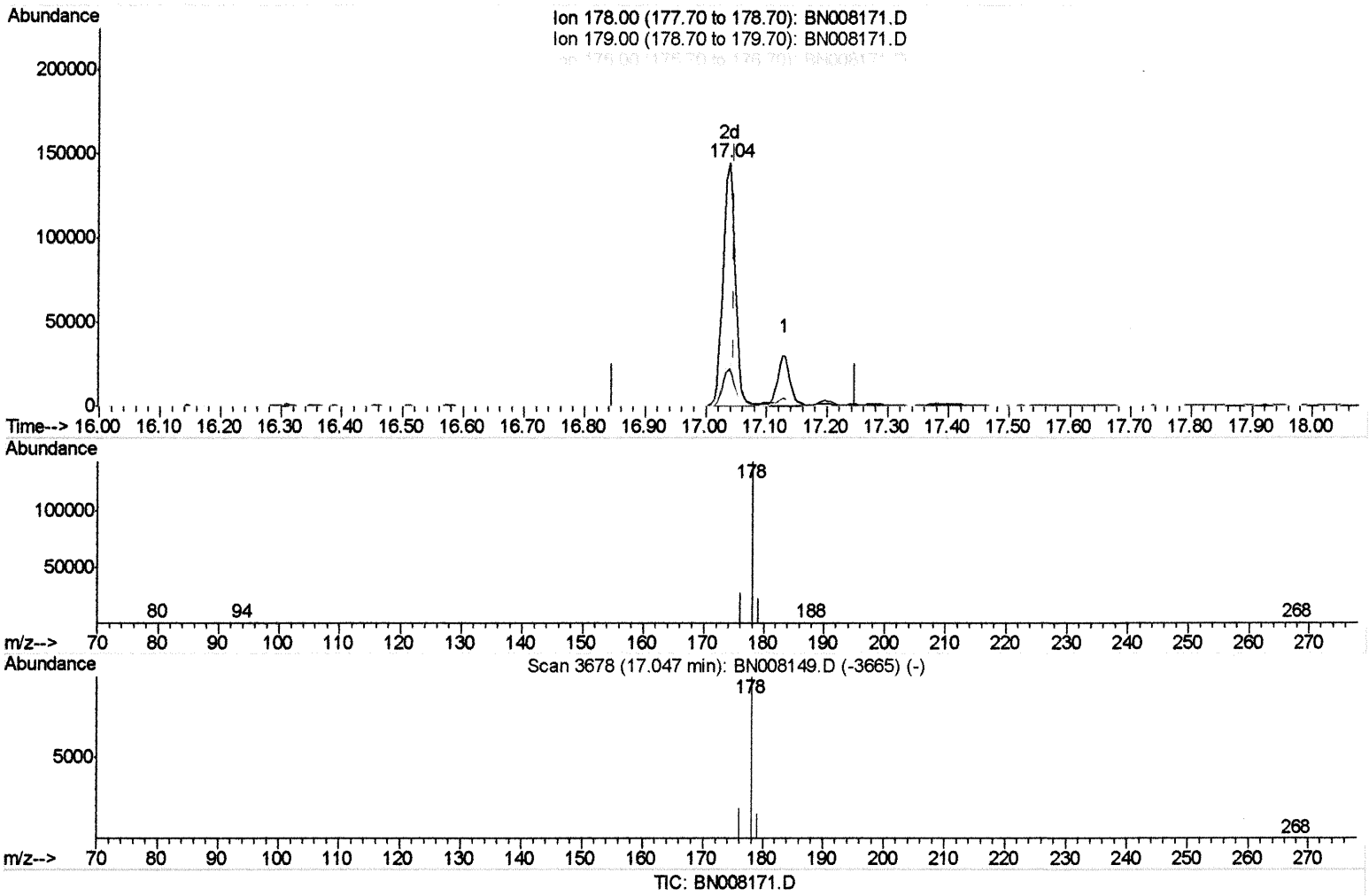
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:57:41 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



(12) Phenanthrene

17.038min (-0.009) 4.46ng/ul m JU 10/16/19

response 200619

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.45
176.00	19.30	18.53
0.00	0.00	0.00

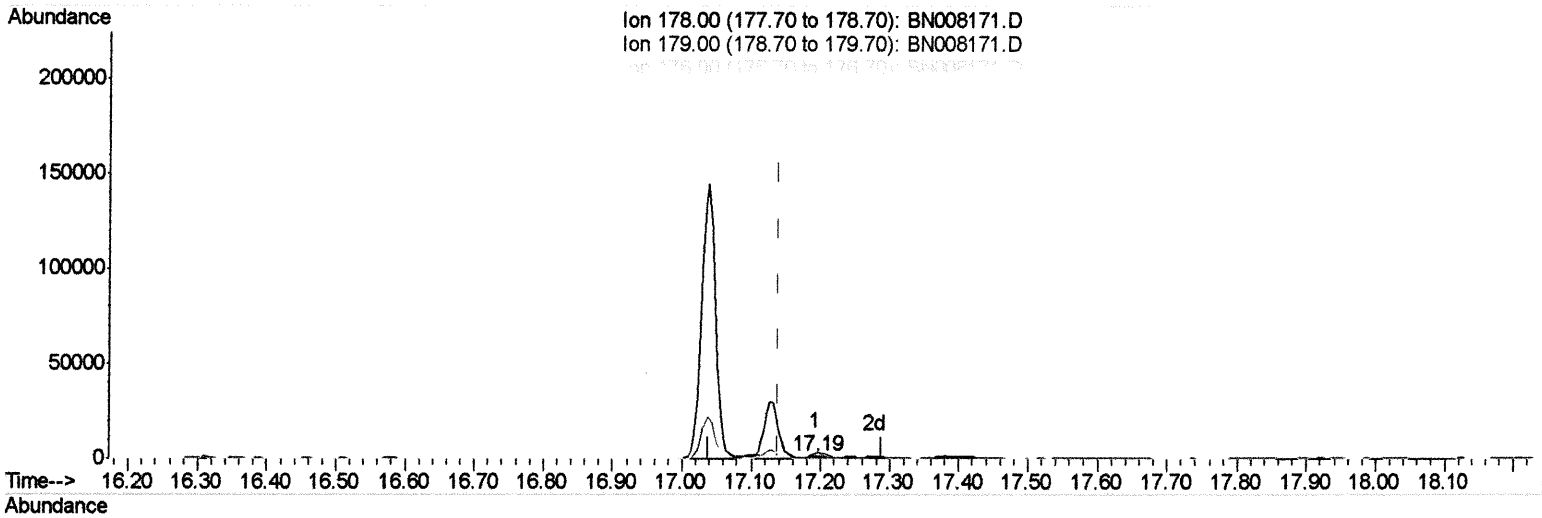
Quantitation Report (Qedit)

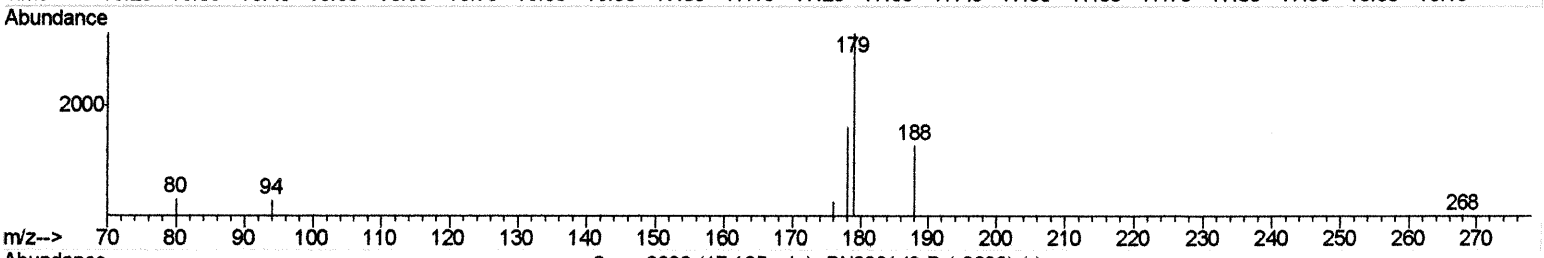
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

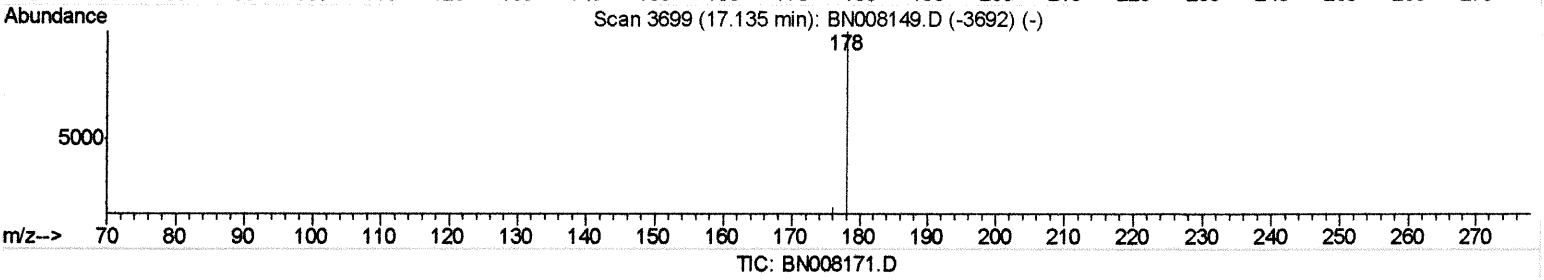
Quant Time: Oct 15 15:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







(13) Anthracene

17.194min (+0.055) 0.05ng/ul

response 1791

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	203.17#
176.00	18.80	18.71
0.00	0.00	0.00

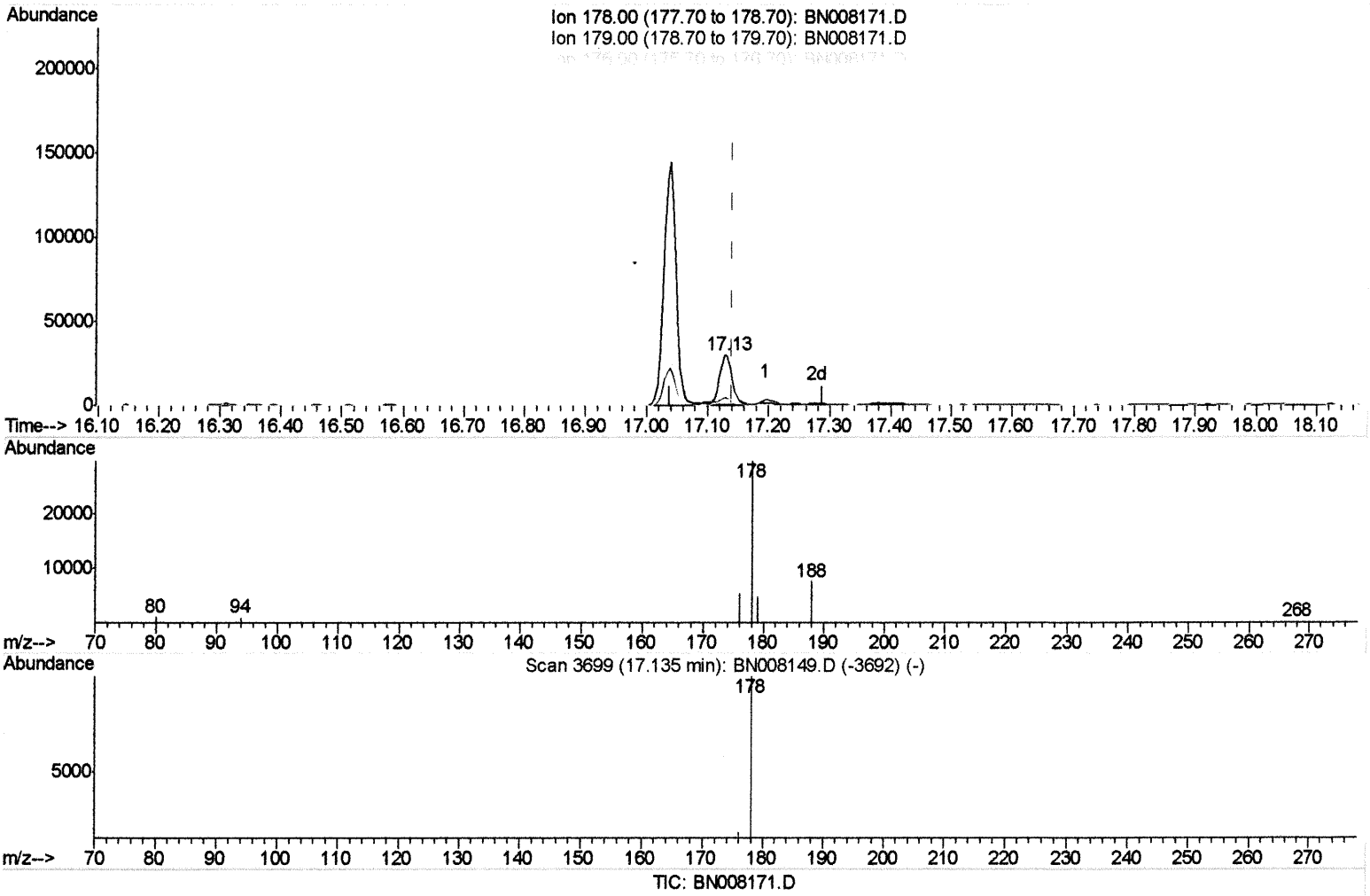
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:57:41 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



(13) Anthracene

17.131min (-0.009) 1.08ng/ul m JU 10/16/19

response 42652

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	15.97
176.00	18.80	18.02
0.00	0.00	0.00

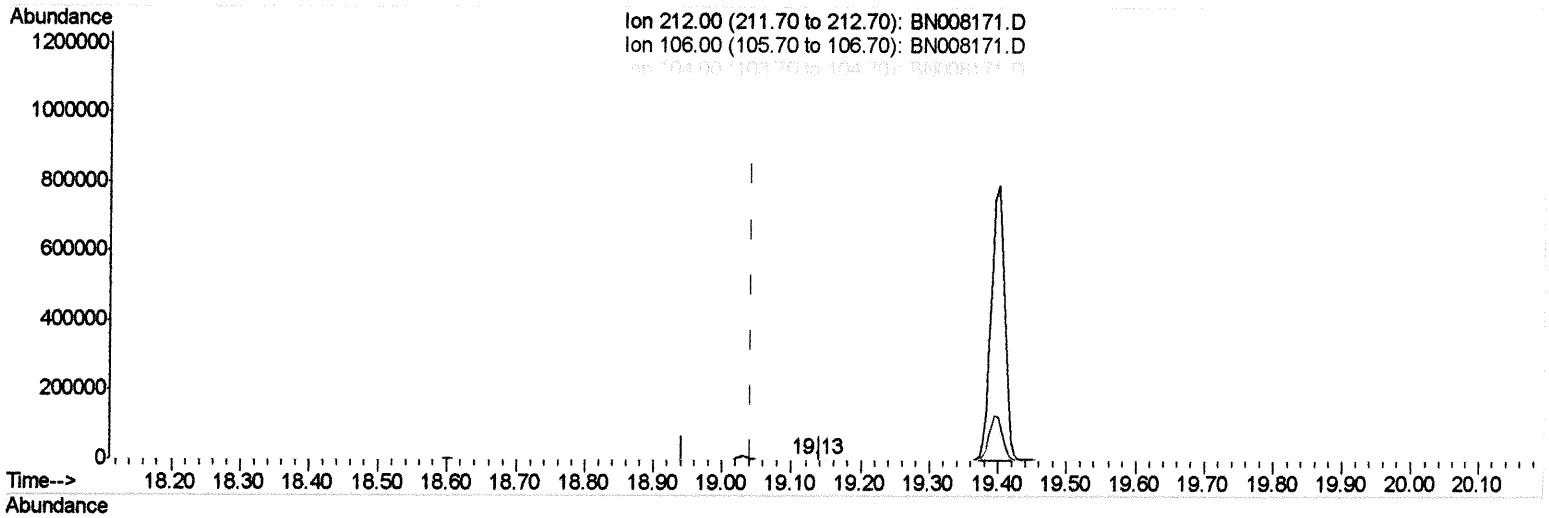
Quantitation Report (Qedit)

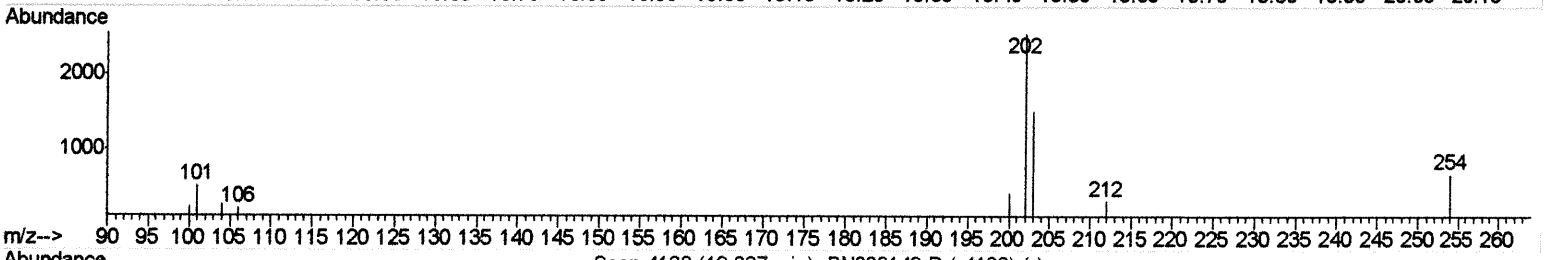
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

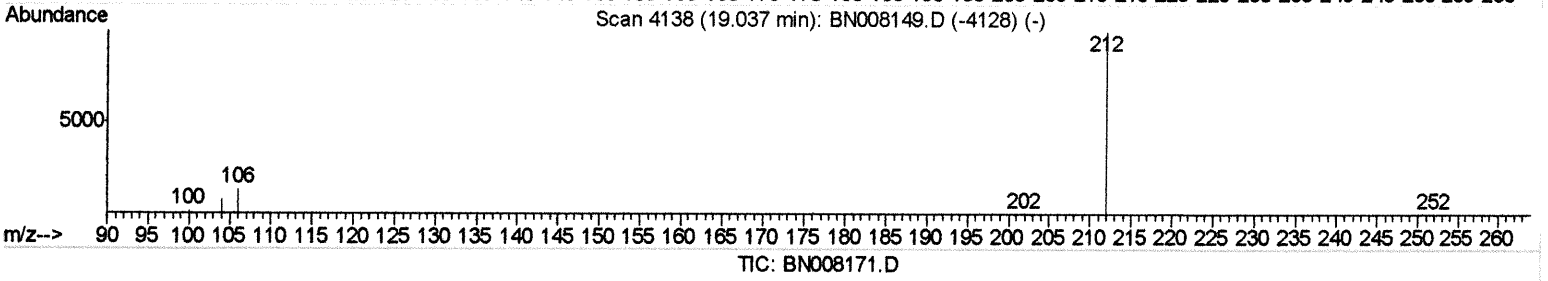
Quant Time: Oct 15 15:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







(14) Fluoranthene-d10 (SURR)

19.135min (+0.093) 0.01ng/ul

response 383

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	19.32#
104.00	7.20	51.70#
0.00	0.00	0.00

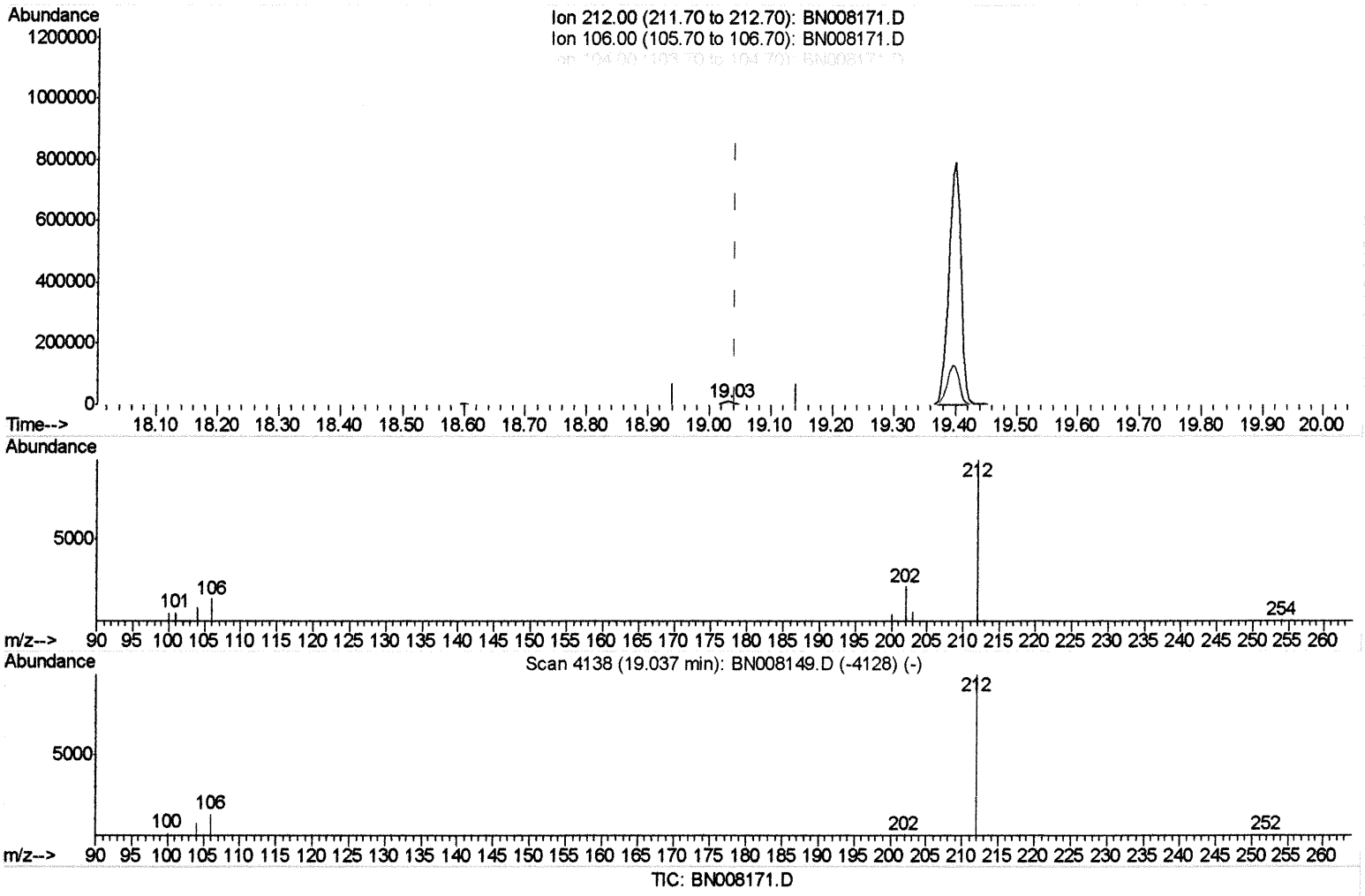
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:57:41 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



TIC: BN008171.D

(14) Fluoranthene-d10 (SURR)

19.032min (-0.009) 0.25ng/ul m JU 10/16/19

response 13191

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.56#
104.00	7.20	1.50#
0.00	0.00	0.00

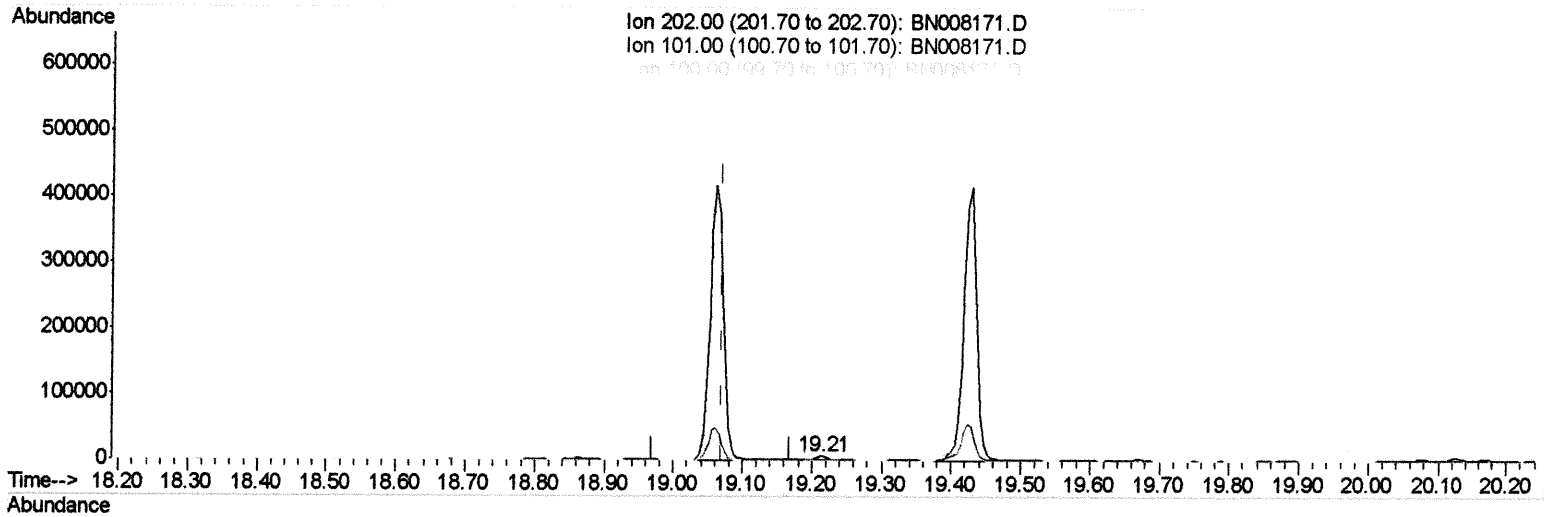
Quantitation Report (Qedit)

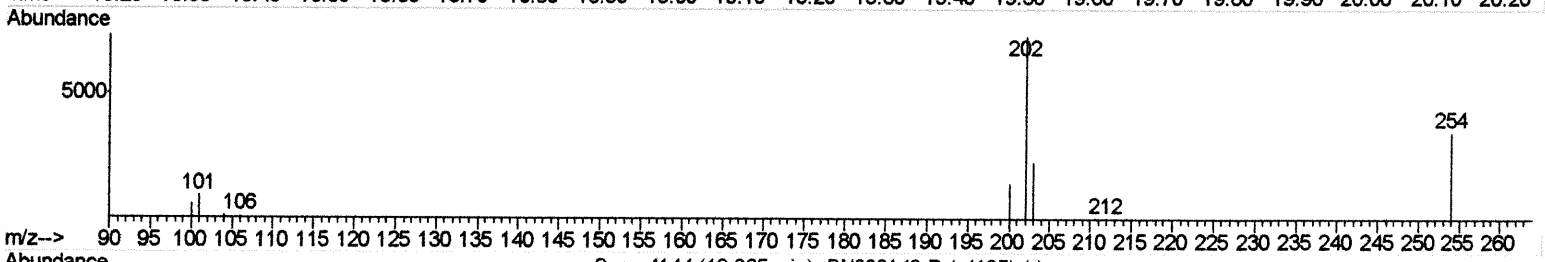
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

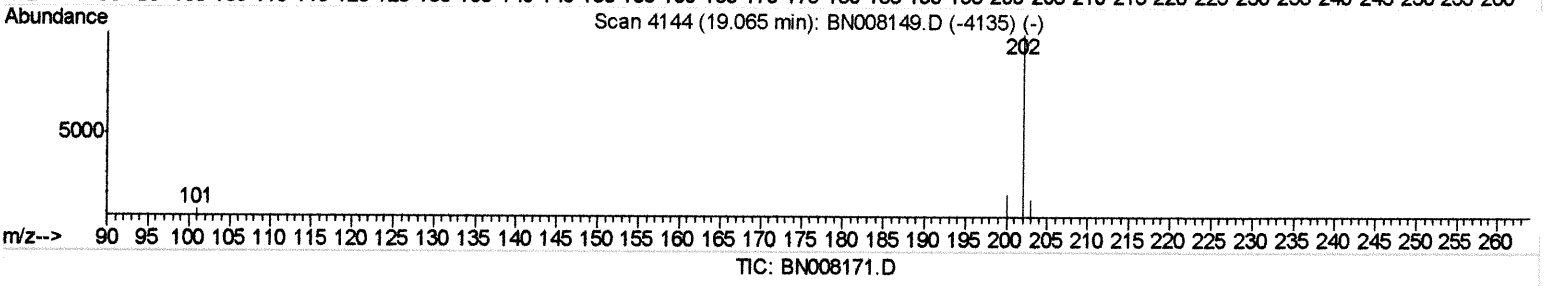
Quant Time: Oct 15 15:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







(15) Fluoranthene (C)

19.214min (+0.144) 0.13ng/ul

response 7648

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	13.92
100.00	8.50	9.83
0.00	0.00	0.00

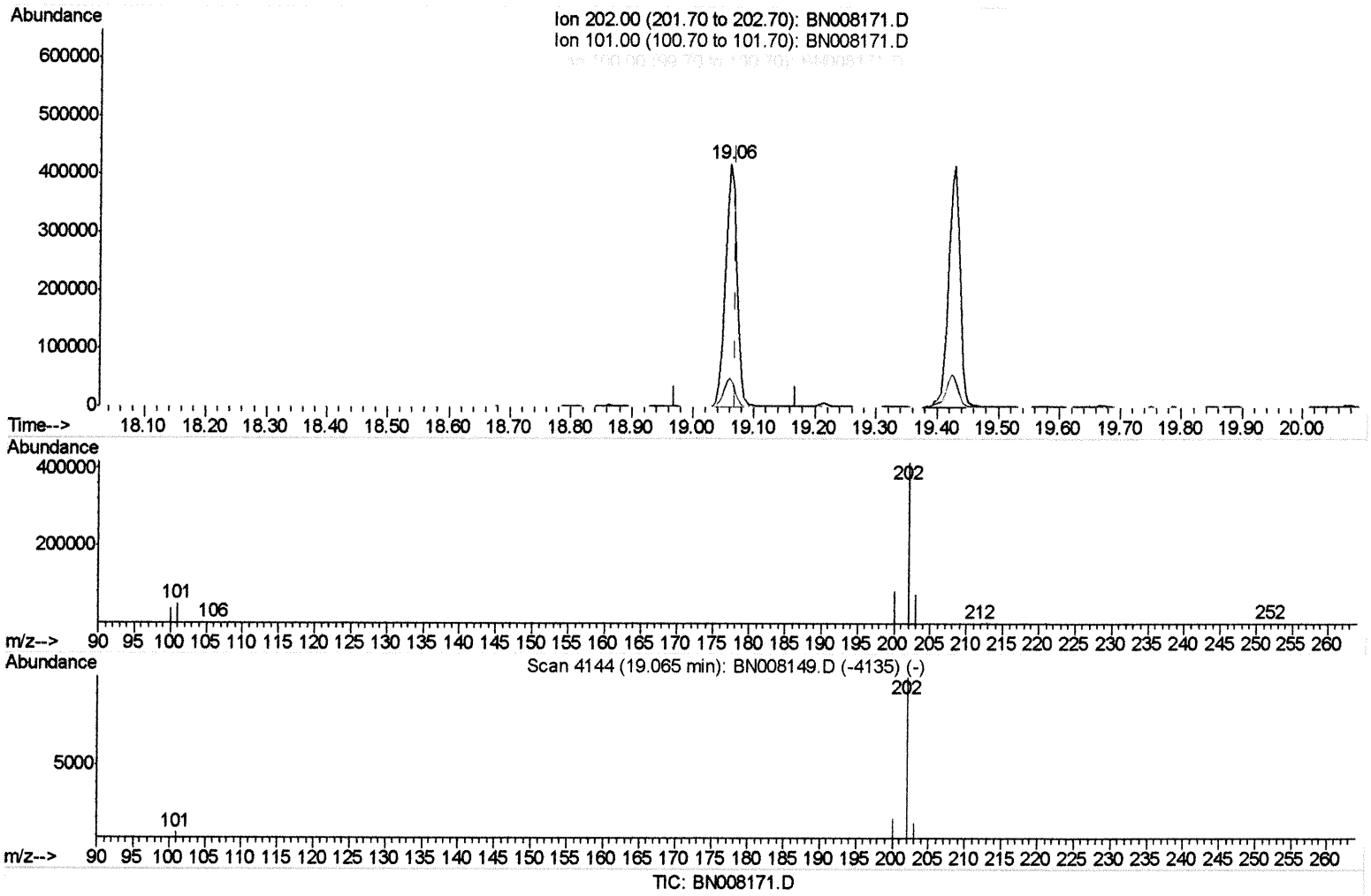
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:57:41 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



TIC: BN008171.D

(15) Fluoranthene (C)

19.060min (-0.009) 9.27ng/ul m JU 10/16/19

response 550668

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.82
100.00	8.50	8.96
0.00	0.00	0.00

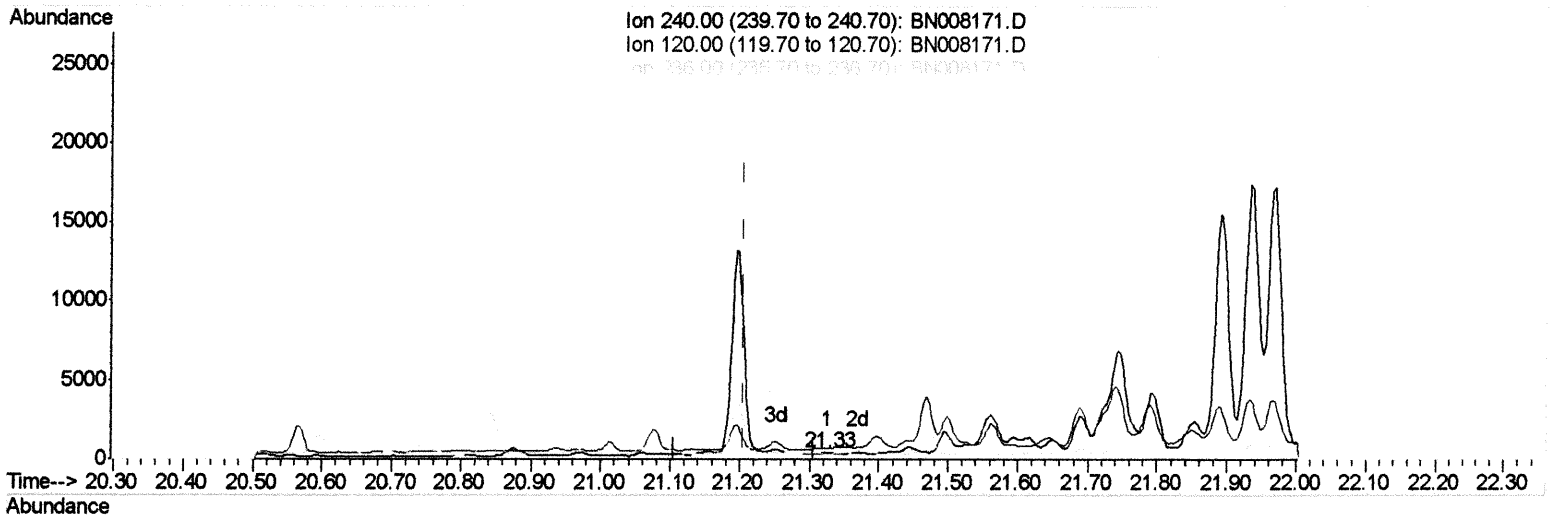
Quantitation Report (Qedit)

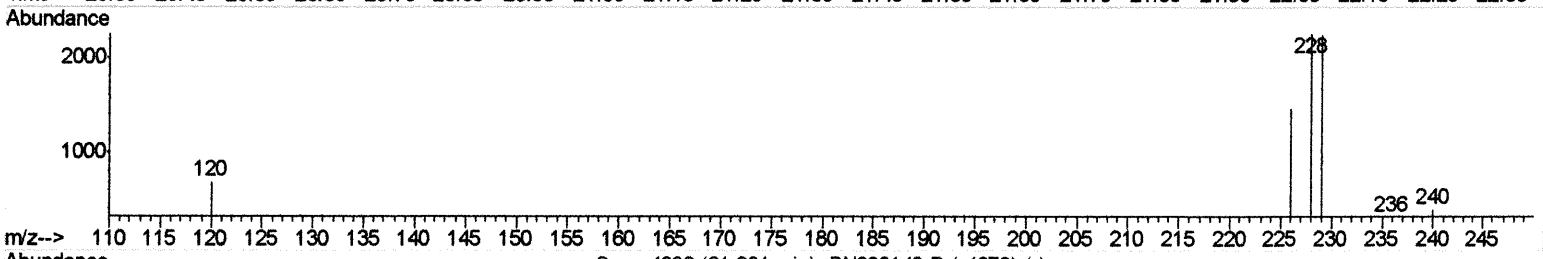
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

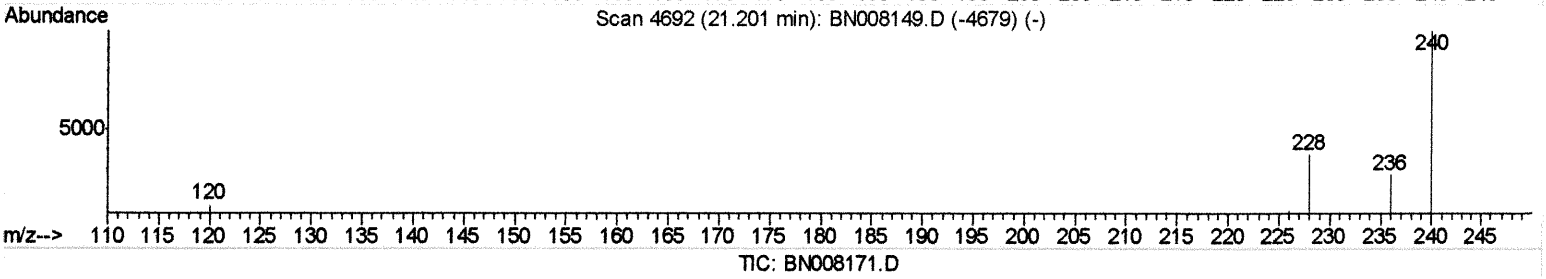
Quant Time: Oct 15 15:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







TIC: BN008171.D

(16) Chrysene-d12 (I)

21.326min (+0.120) 0.40ng/ul

response 180

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	172.54#
236.00	28.40	81.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 15:57:41 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
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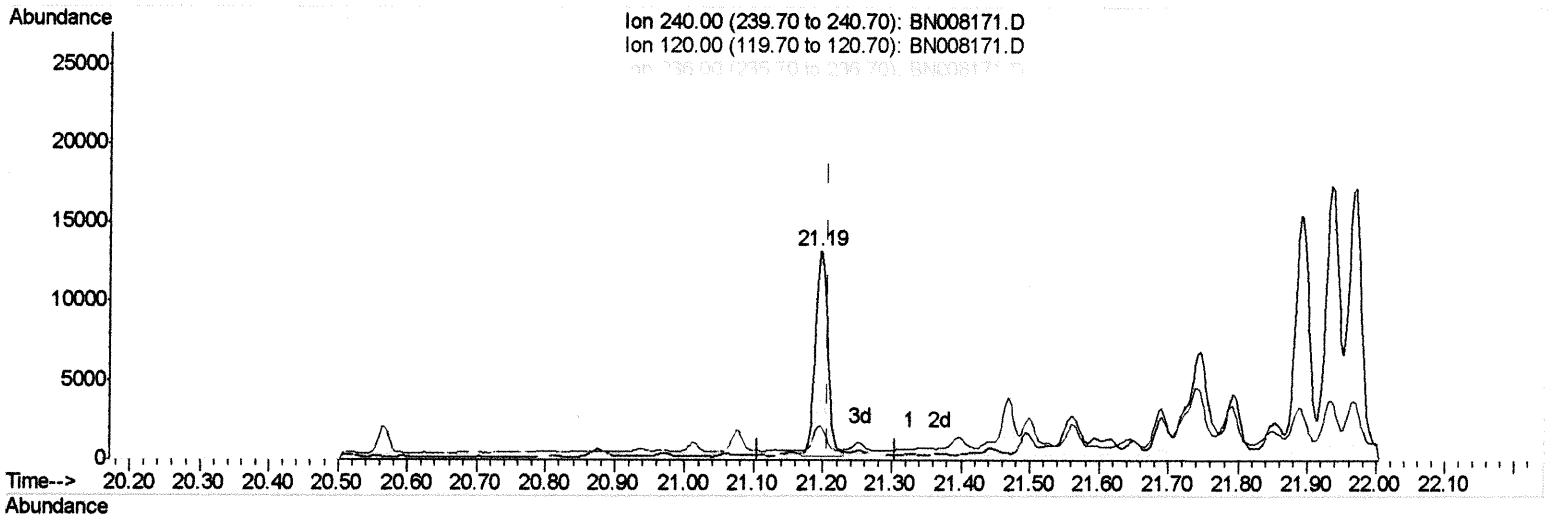
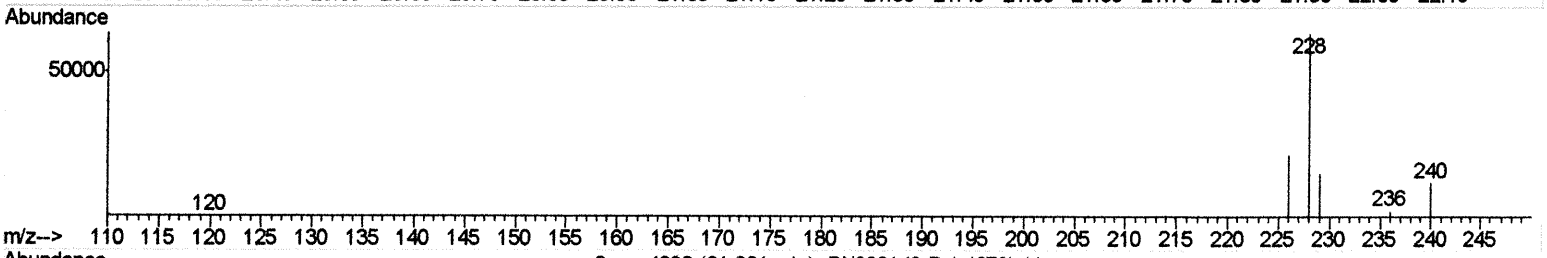
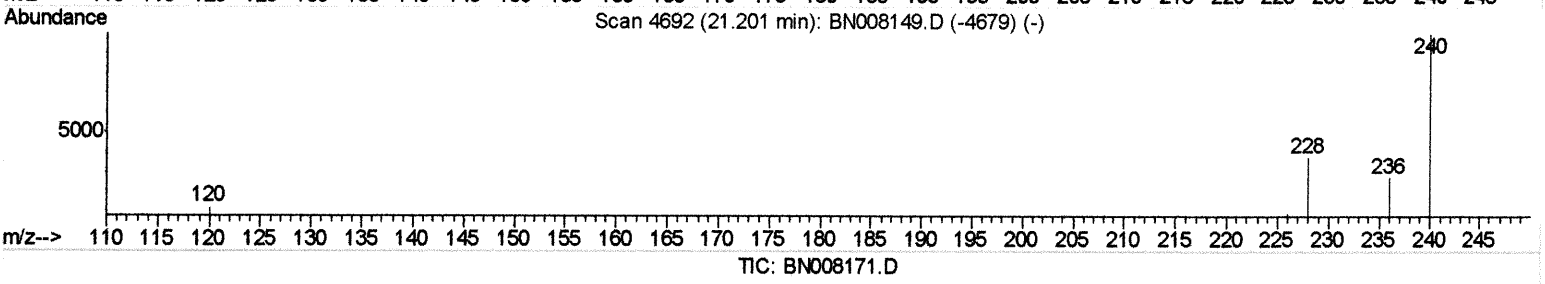
Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM







(16) Chrysene-d12 (I)

21.195min (-0.012) 0.40ng/ul m JU 10/16/19

response 16234

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	16.59
236.00	28.40	29.59
0.00	0.00	0.00

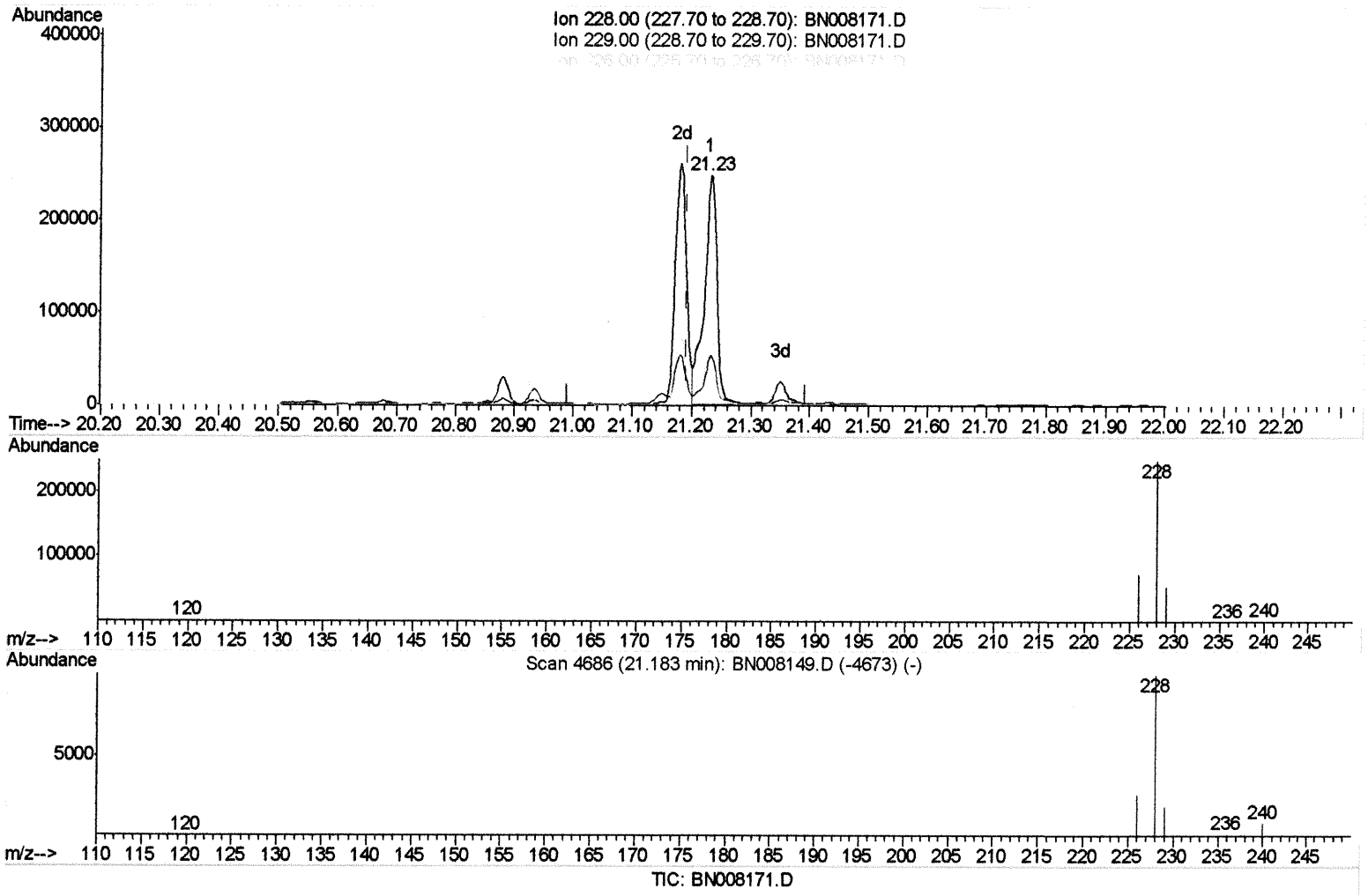
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:00:19 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 :
BEP83

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:50 PM



(18) Benzo(a)anthracene

21.230min (+0.038) 6.18ng/ul

response 365021

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.48
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 : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:00:19 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 :
BEP83

Manual Integrations APPROVED
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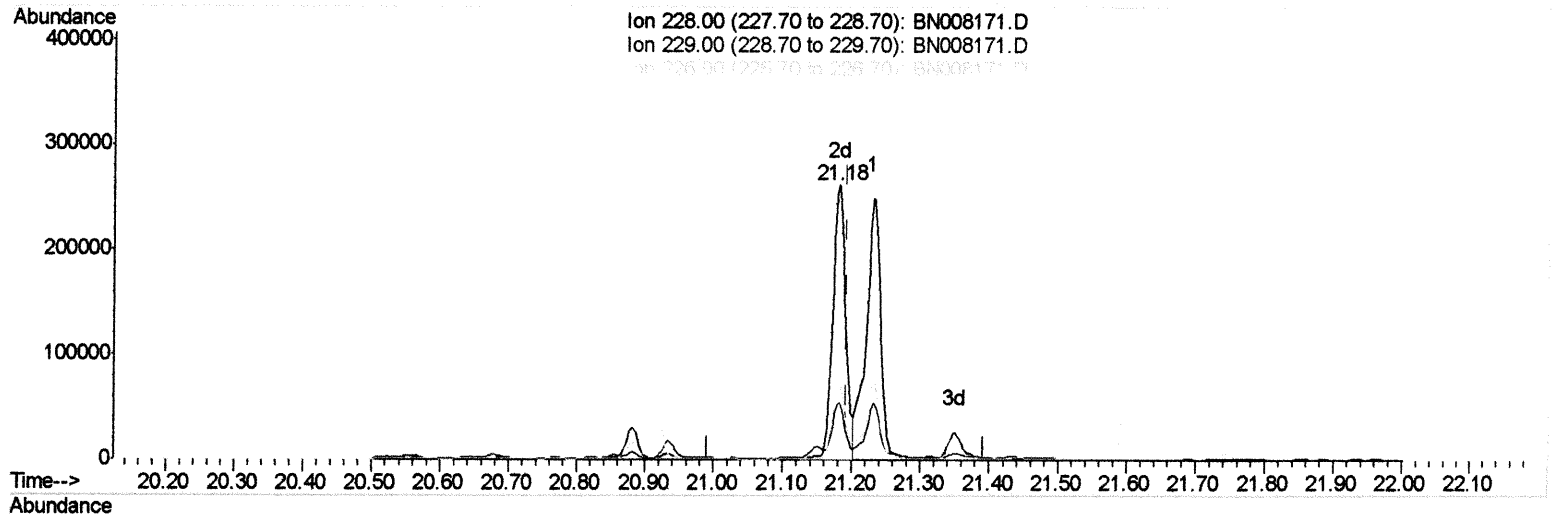

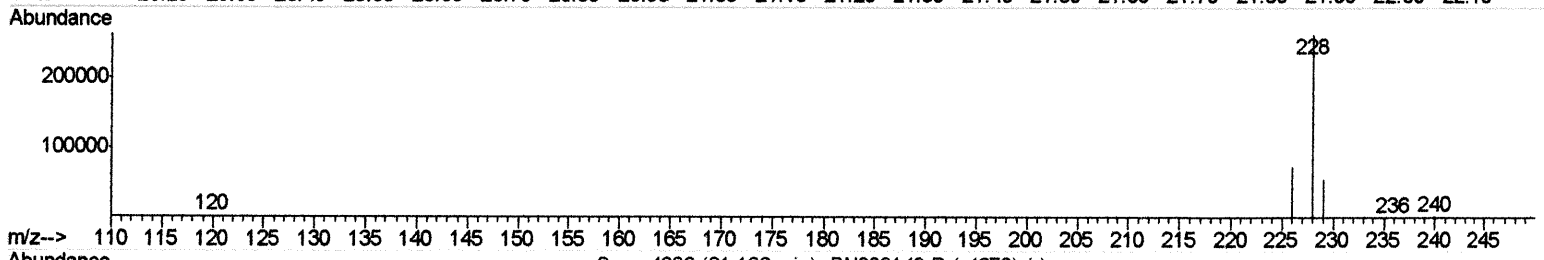

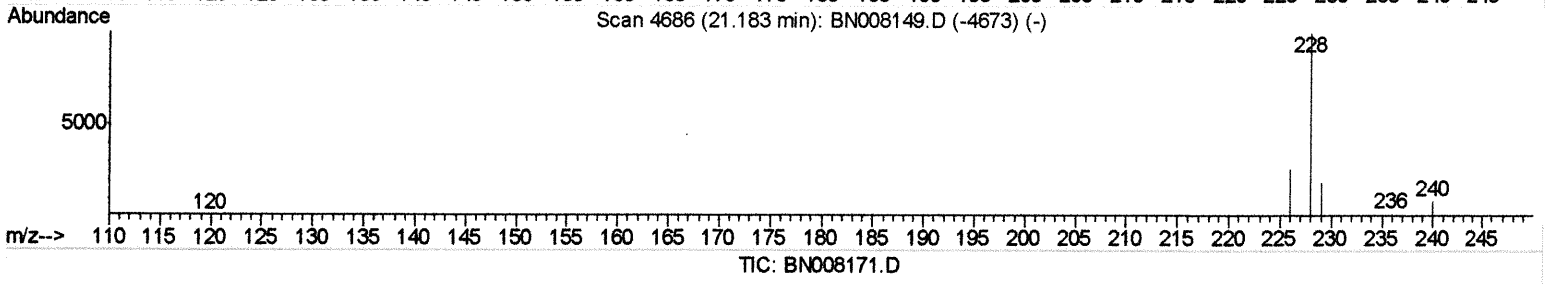

TIC: BN008171.D

(18) Benzo(a)anthracene

21.180min (-0.012) 5.84ng/ul m JU 10/16/19

response 344576

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.97
226.00	26.70	27.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:00:19 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 :
BEP83

Manual Integrations APPROVED
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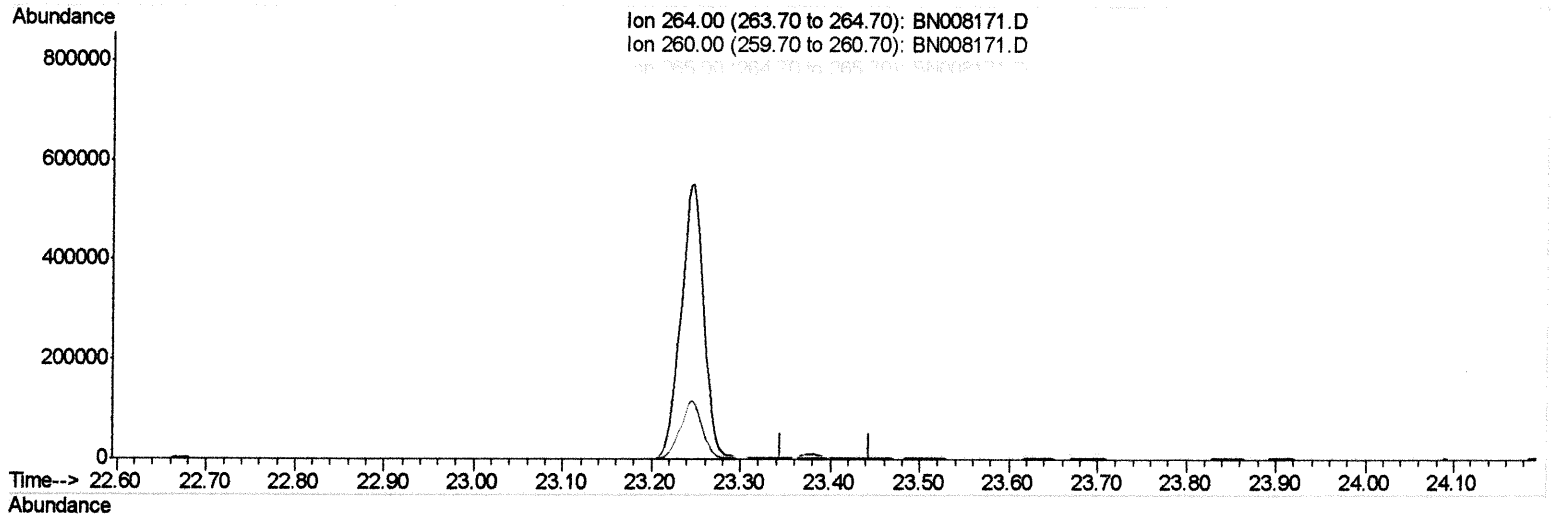

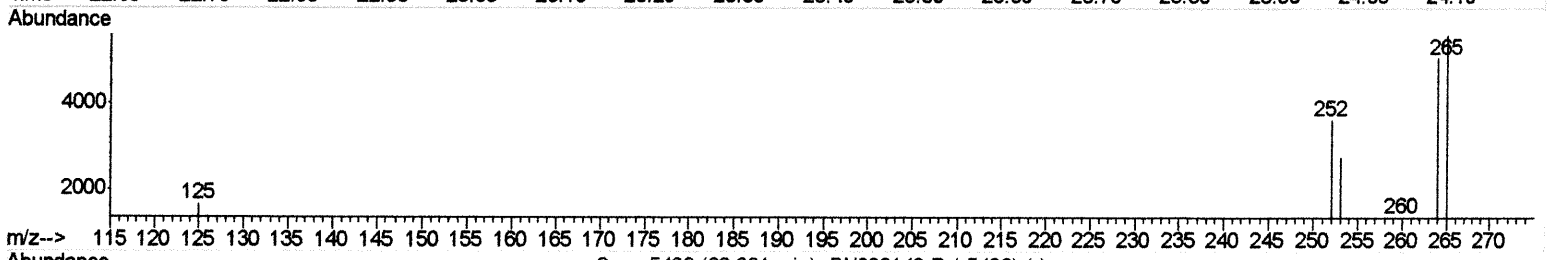

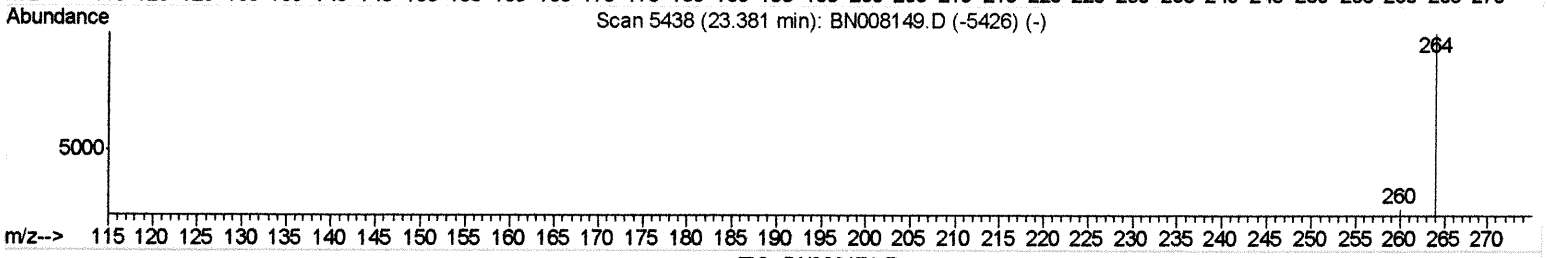

TIC: BN008171.D

(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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:00:19 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 :
BEP83

Manual Integrations APPROVED
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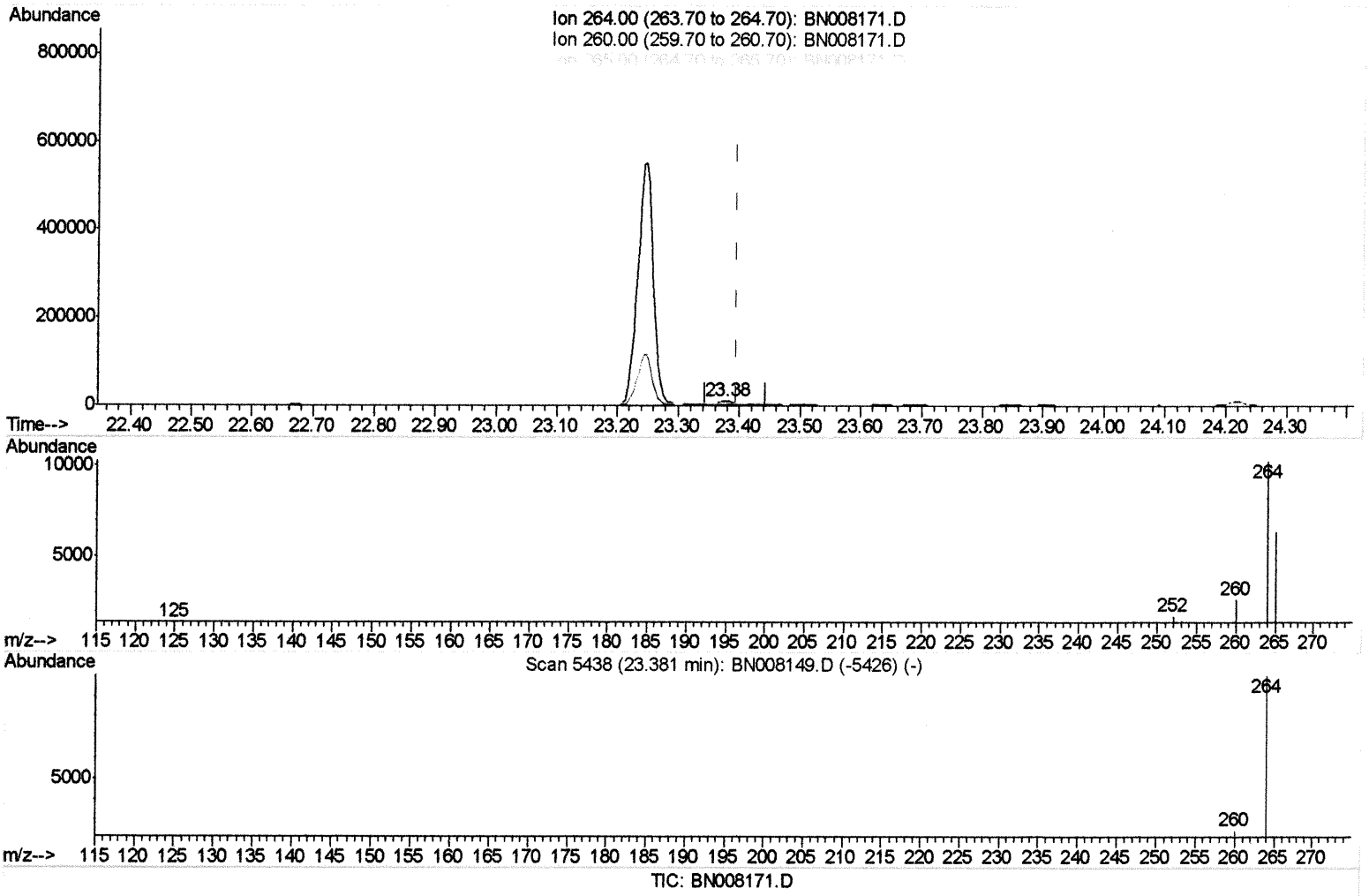

(20) Perylene-d12 (I)

23.378min (-0.017) 0.40ng/ul m JU 10/16/19

response 14180

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.87
265.00	74.00	62.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:01:01 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 :
BEP83

Manual Integrations APPROVED
mohammad
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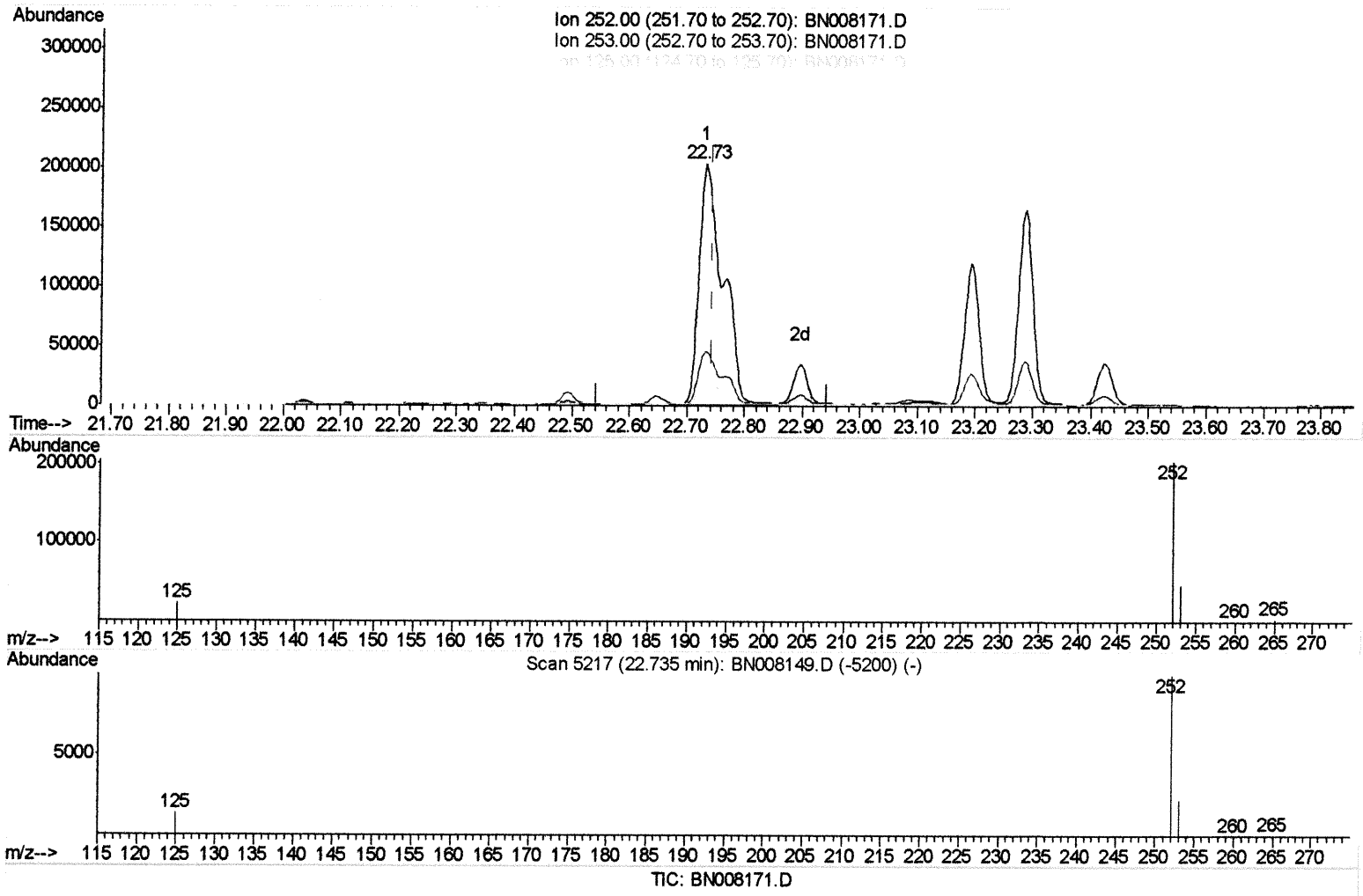

TIC: BN008171.D

(21) Benzo(b)fluoranthene

22.732min (-0.012) 12.45ng/ul

response 574806

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.87
125.00	16.20	10.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:01:01 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 :
BEP83

Manual Integrations APPROVED
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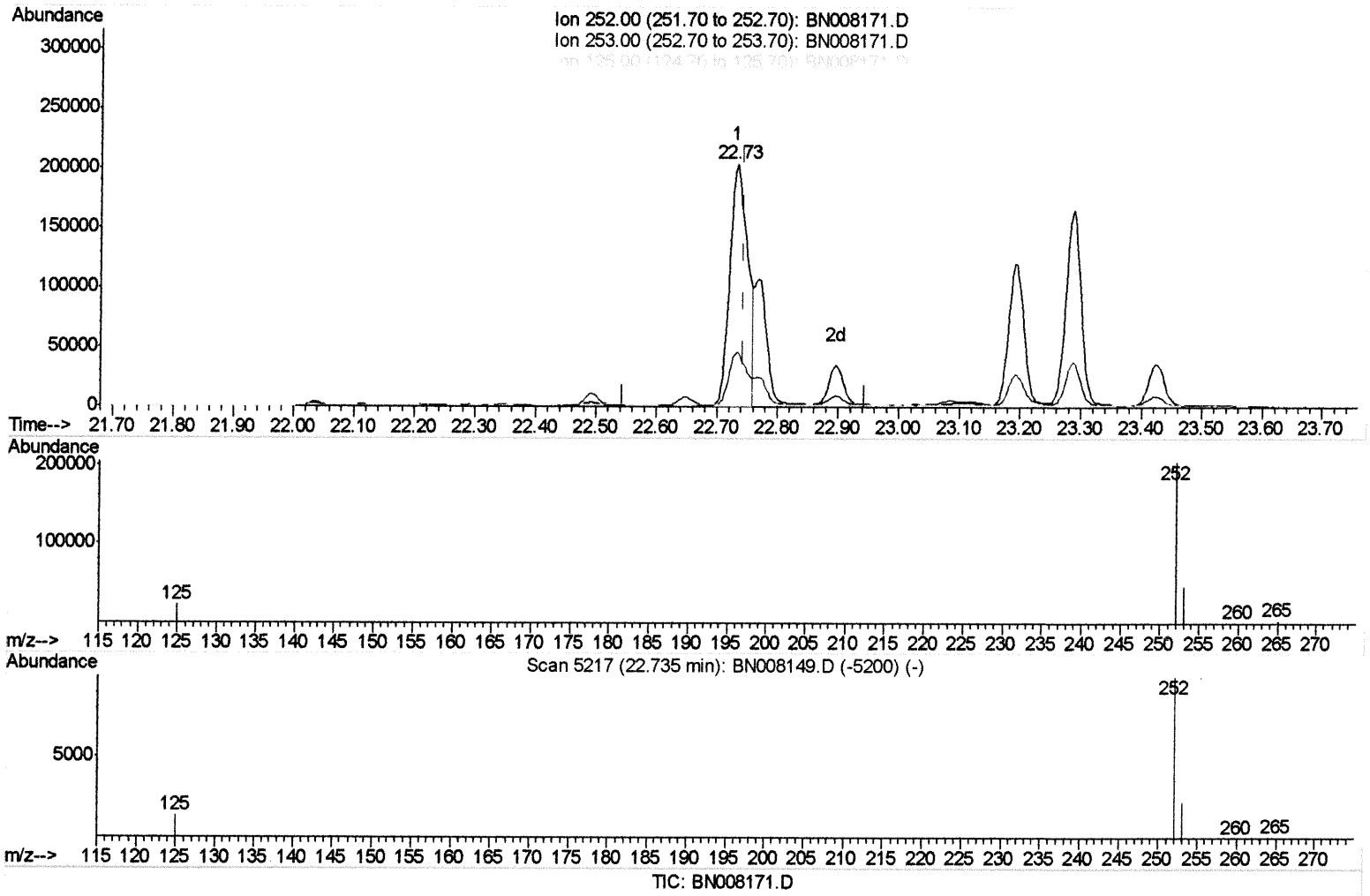

(21) Benzo(b)fluoranthene

22.732min (-0.012) 9.22ng/ul m JL 10/16/19

response 425473

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.87
125.00	16.20	10.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:01:01 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 :
BEP83

Manual Integrations APPROVED
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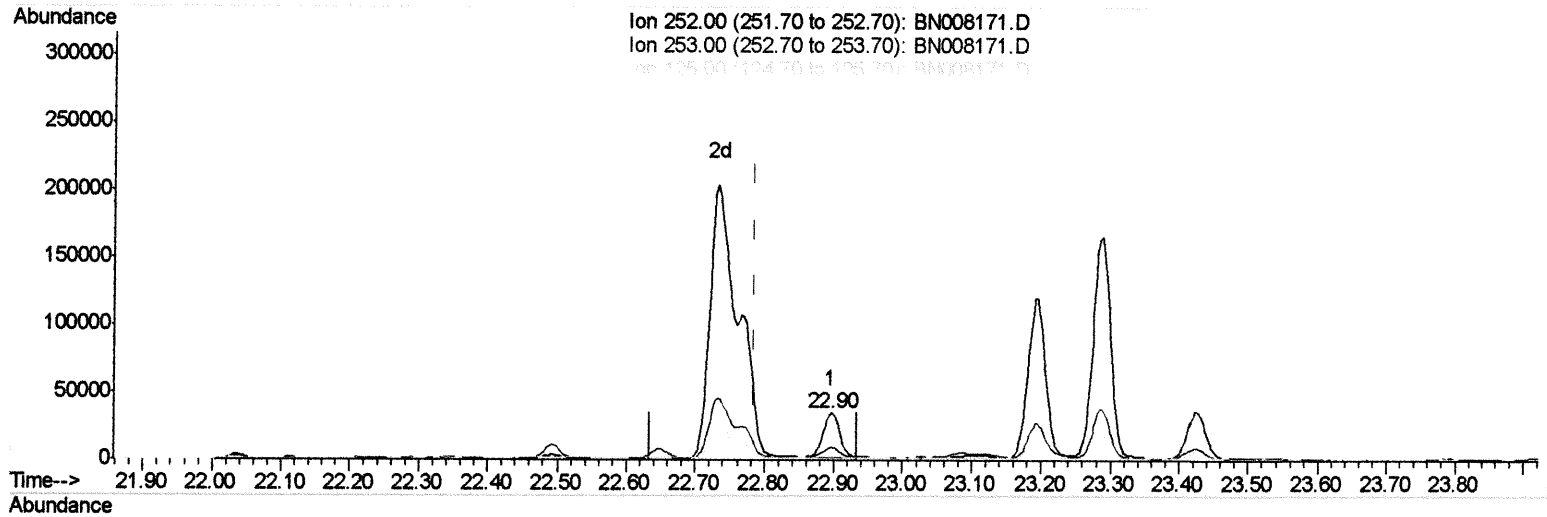

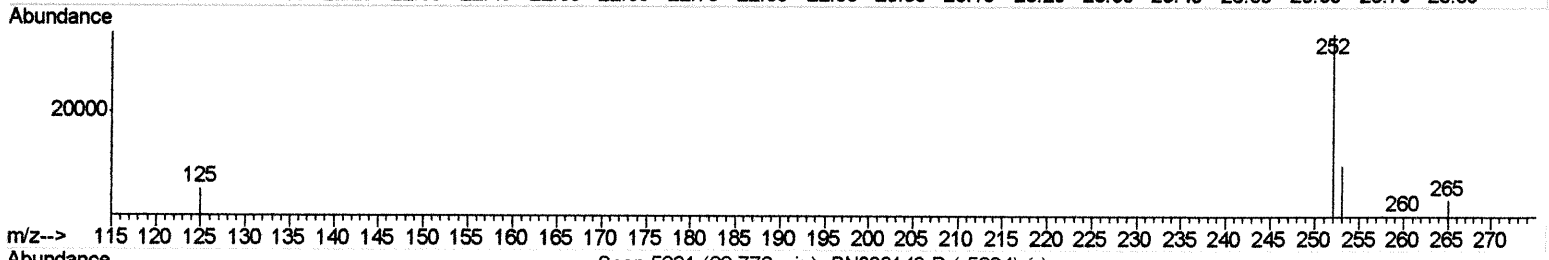

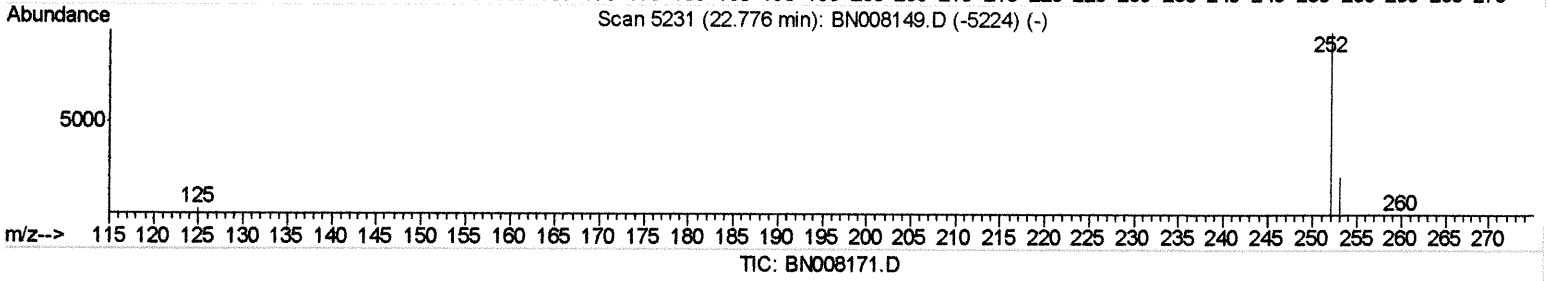

TIC: BN008171.D

(22) Benzo(k)fluoranthene

22.896min (+0.111) 1.01ng/ul

response 53008

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.22
125.00	15.40	15.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 15 16:01:01 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 :
BEP83

Manual Integrations APPROVED
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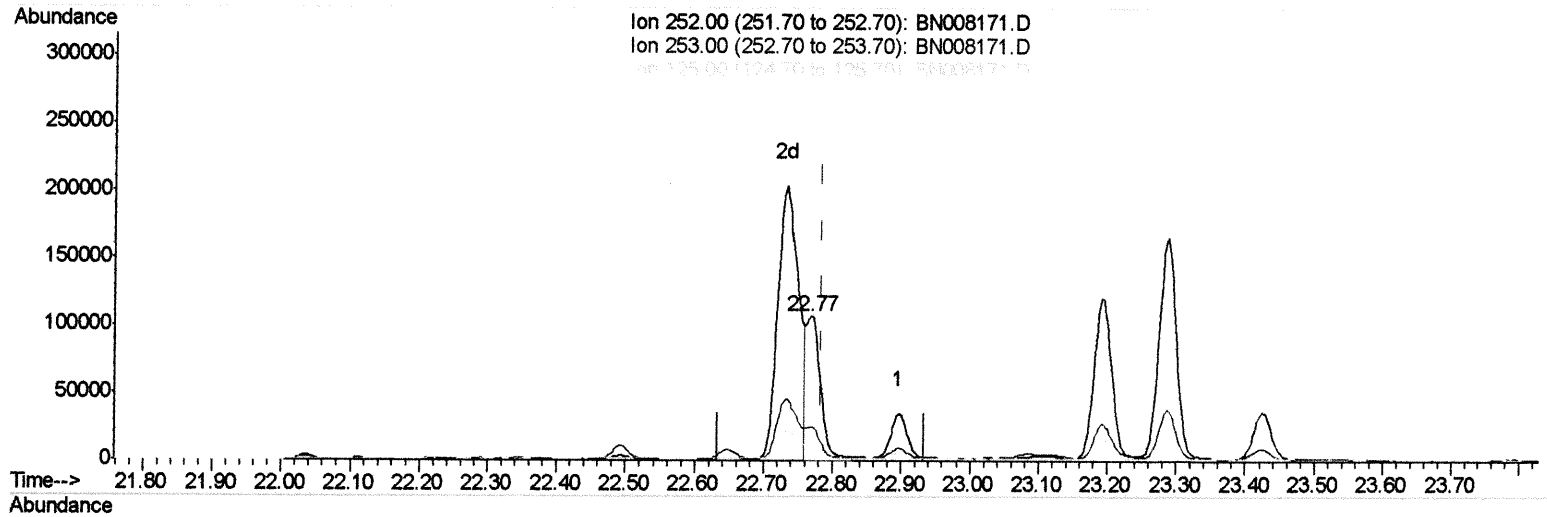

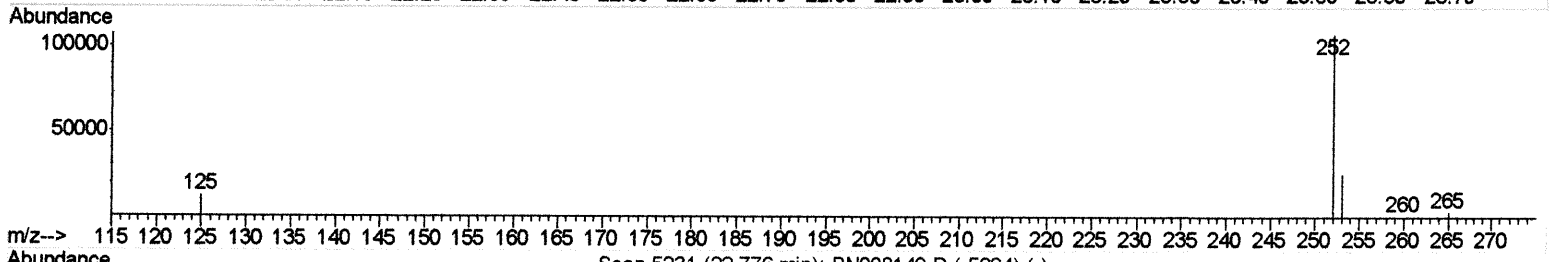

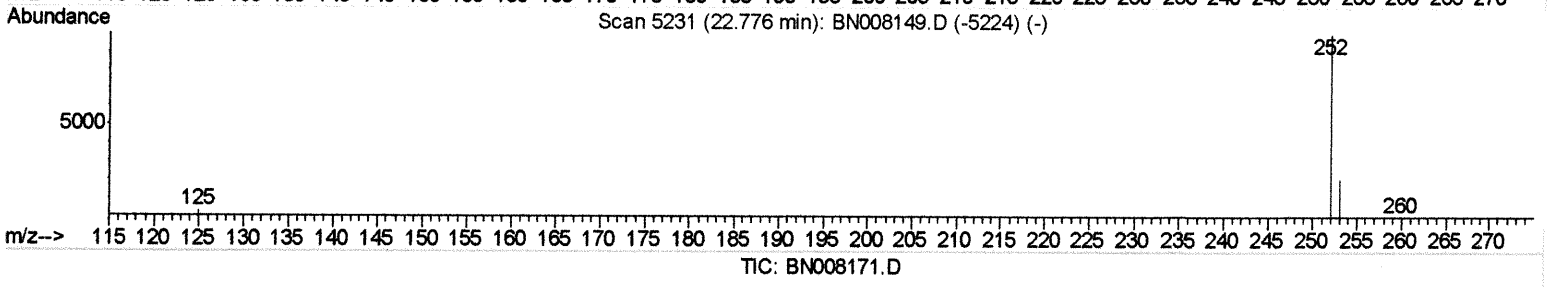

TIC: BN008171.D

(22) Benzo(k)fluoranthene

22.767min (-0.018) 3.02ng/ul m JU 10/16/19

response 158171

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.70
125.00	15.40	11.14#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008171.D
Acq On : 15 Oct 2019 13:51
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP83

Manual Integrations APPROVED
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10/16/2019 4:07:50 PM

Quant Time: Oct 15 16:01:43 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	7.62	152	2062	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	10218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6450	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15363m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16234m	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	14180m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3753	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	13191m	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	4680	0.161	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	2492	0.125	ng/ul	99
7) Acenaphthylene	13.97	152	16222	0.528	ng/ul	99
8) Acenaphthene	14.31	153	6412	0.268	ng/ul	97
9) Fluorene	15.31	166	8924	0.329	ng/ul	99
12) Phenanthrene	17.04	178	200619m	4.460	ng/ul	
13) Anthracene	17.13	178	42652m	1.078	ng/ul	
15) Fluoranthene	19.06	202	550668m	9.270	ng/ul	
17) Pyrene	19.43	202	533066	8.247	ng/ul	99
18) Benzo(a)anthracene	21.18	228	344576m	5.838	ng/ul	
19) Chrysene	21.23	228	361312	4.988	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	425473m	9.217	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	158171m	3.025	ng/ul	
23) Benzo(a)pyrene	23.29	252	289411	5.958	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.55	276	162313	2.837	ng/ul	99
25) Dibenzo(a,h)anthracene	25.55	278	42607	0.942	ng/ul	99
26) Benzo(g,h,i)perylene	26.21	276	133728	2.549	ng/ul	99

JU 10/16/19

JU 10/16/19

JU 10/16/19

JU 10/16/19

JU 10/16/19

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