Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

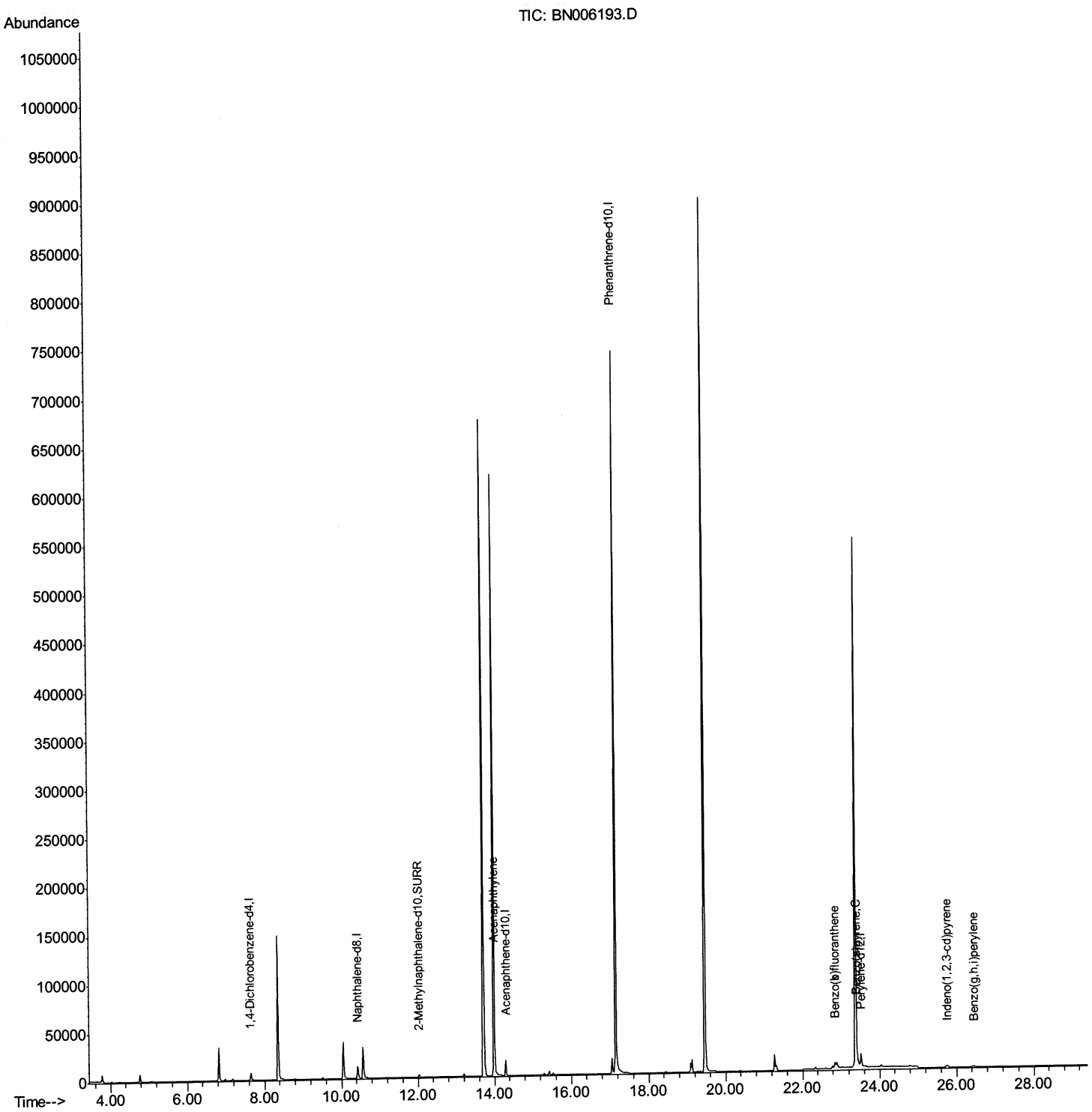
Quantitation Report (Not Reviewed)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

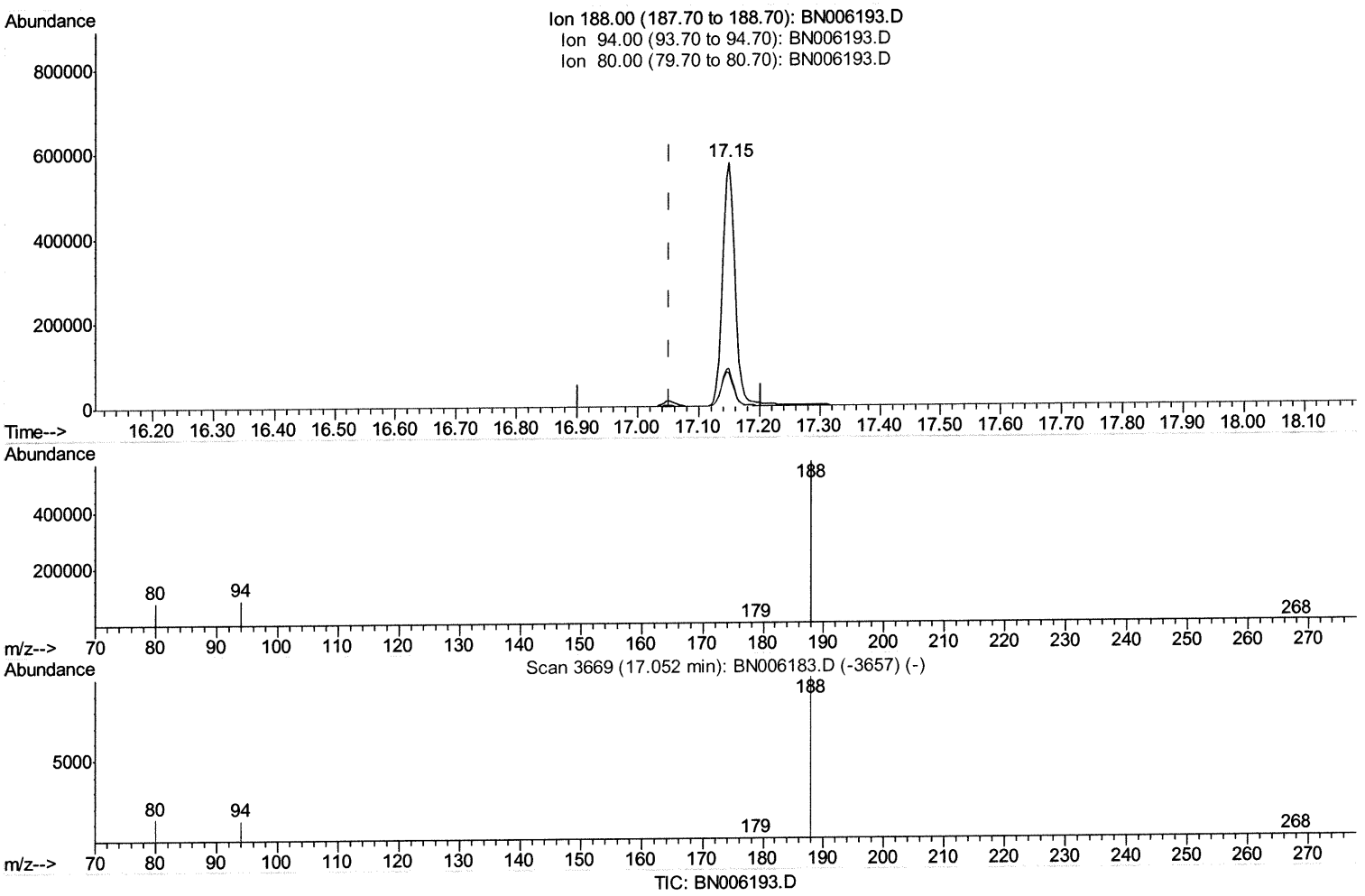
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 799149

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.28
80.00	13.60	13.79
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

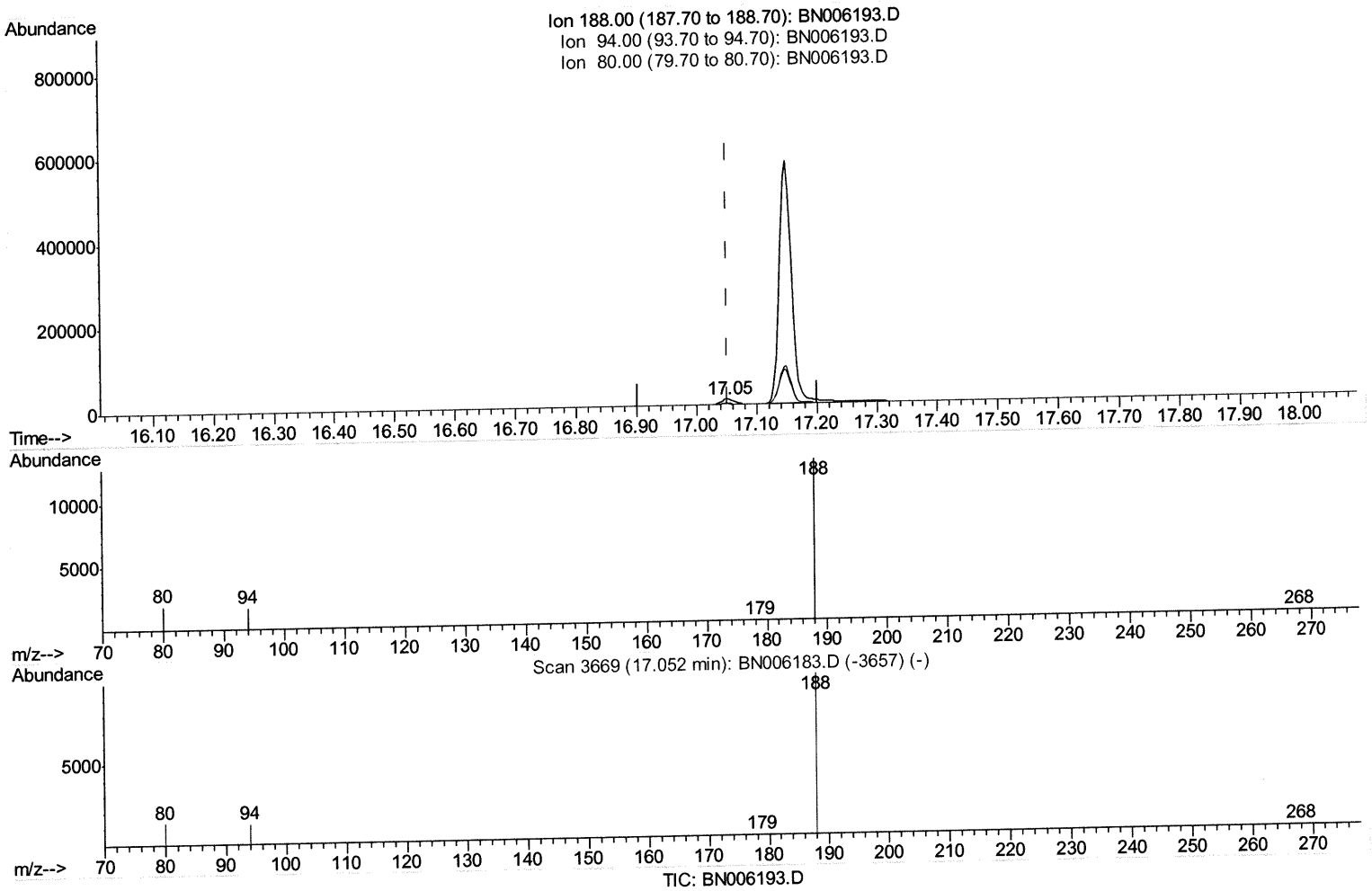
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m JU 06/10/19

response 19041

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.39
80.00	13.60	14.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

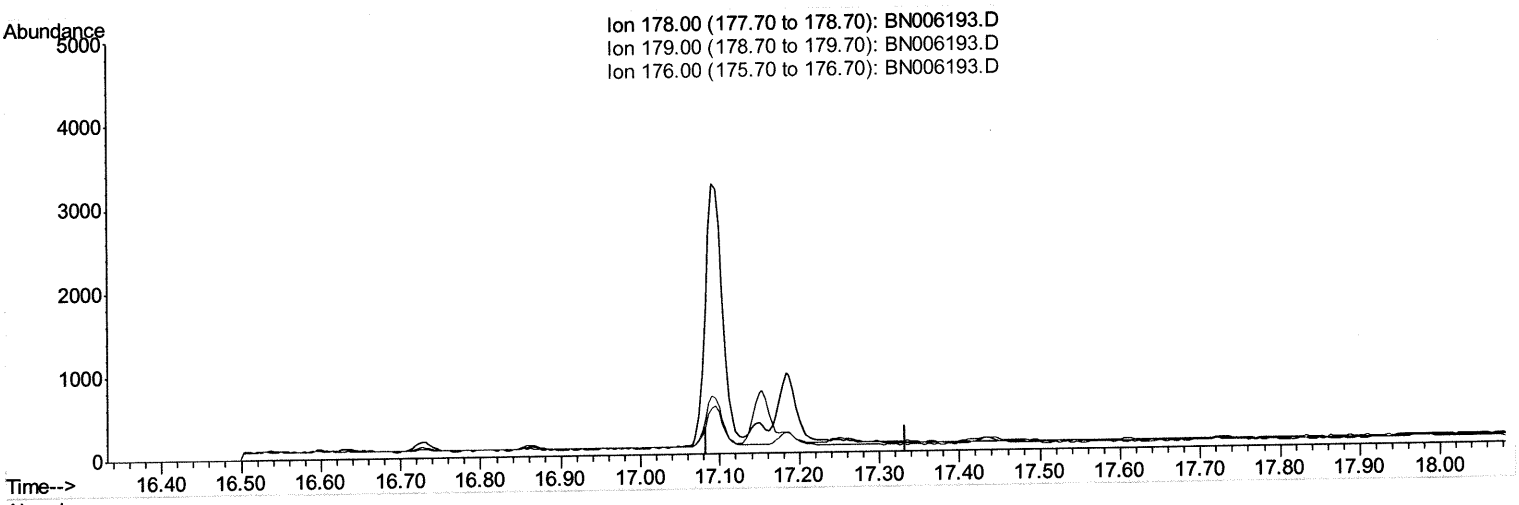
Quantitation Report (Qedit)

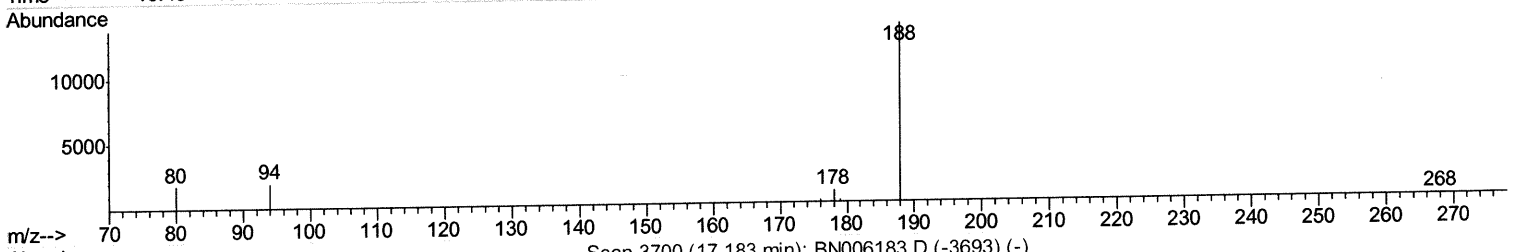
Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

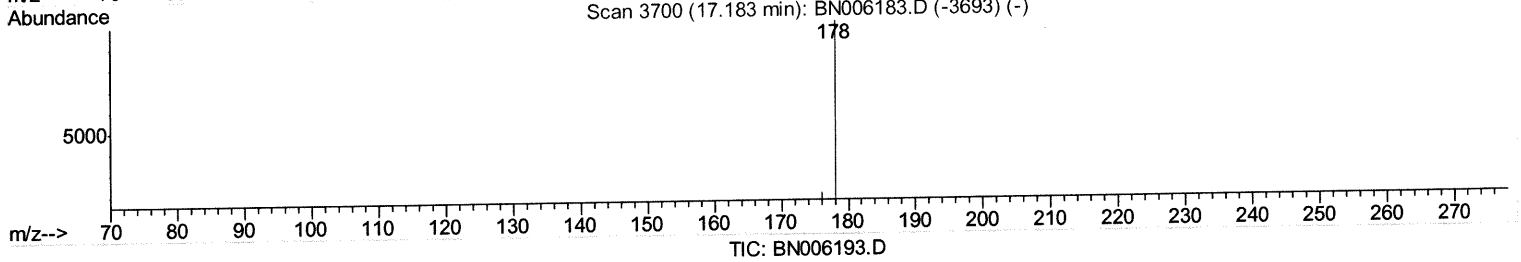
Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM





Scan 3700 (17.183 min): BN006183.D (-3693) (-)



TIC: BN006193.D

(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.30	0.00#
176.00	18.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

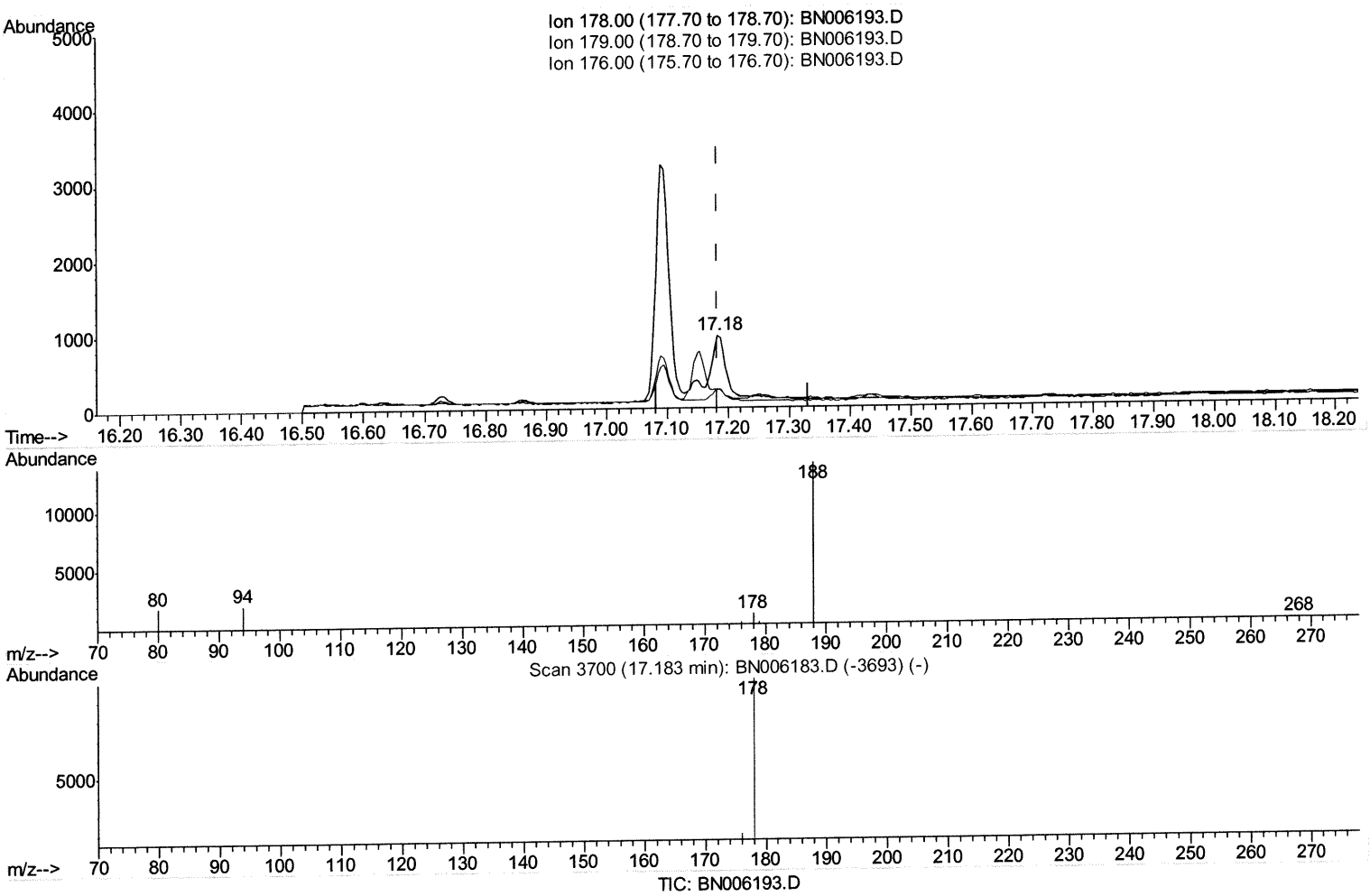
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



TIC: BN006193.D

(13) Anthracene

17.183min (-0.000) 0.02ng/ul m JV 06/10/19

response 1205

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	25.05#
176.00	18.90	25.79#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

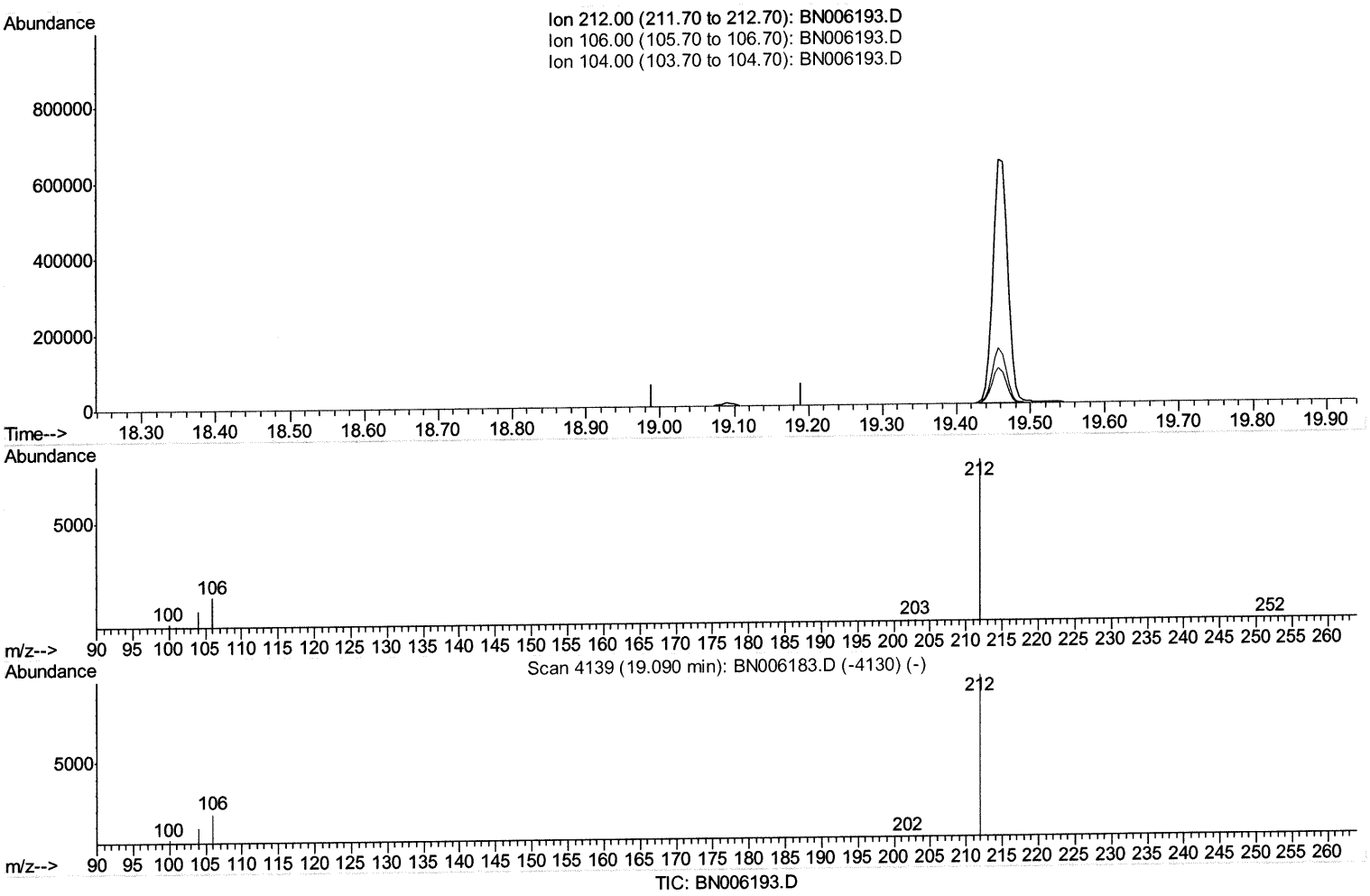
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

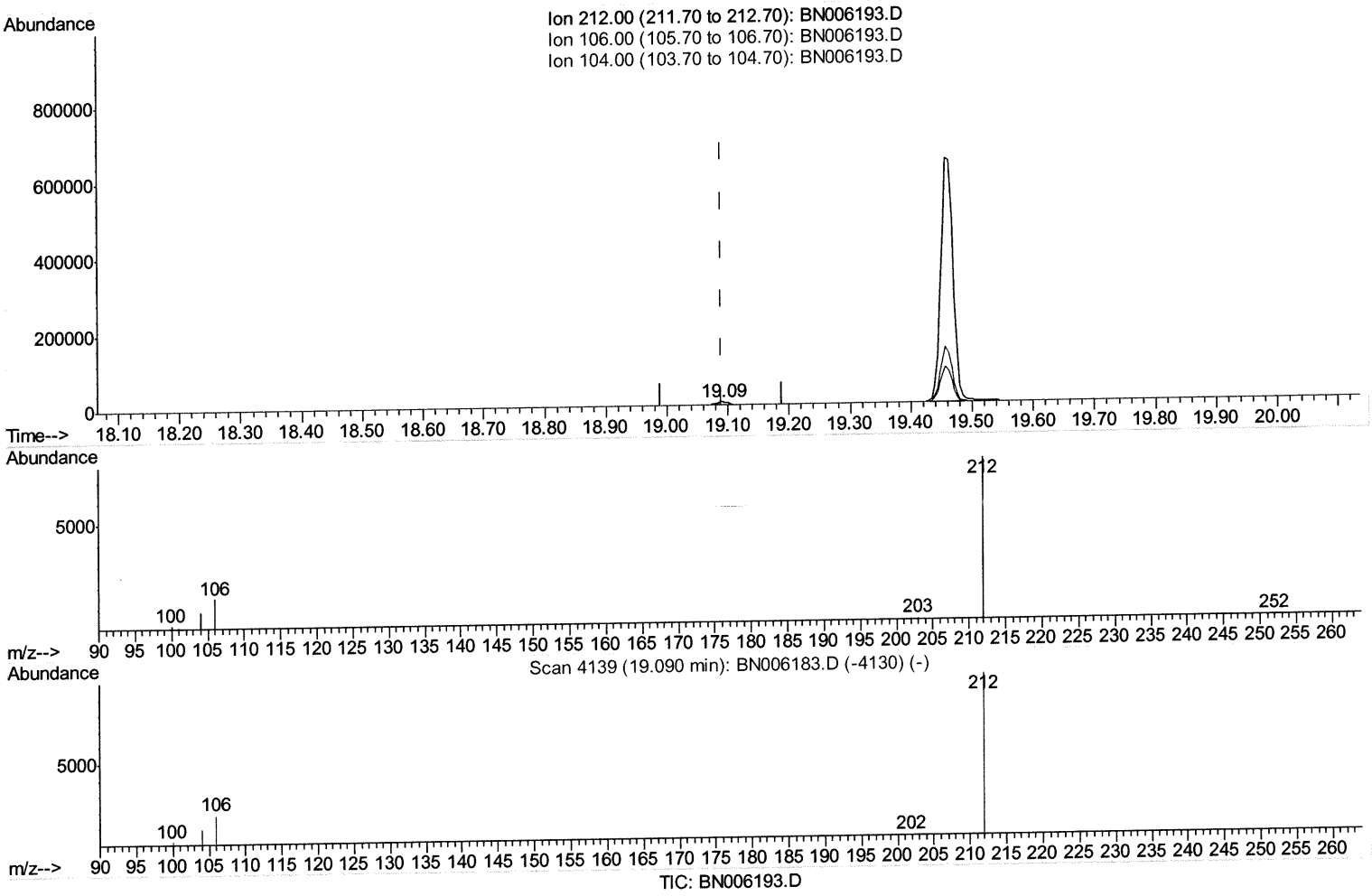
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.21ng/ul m JU 06/10/19

response 10573

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

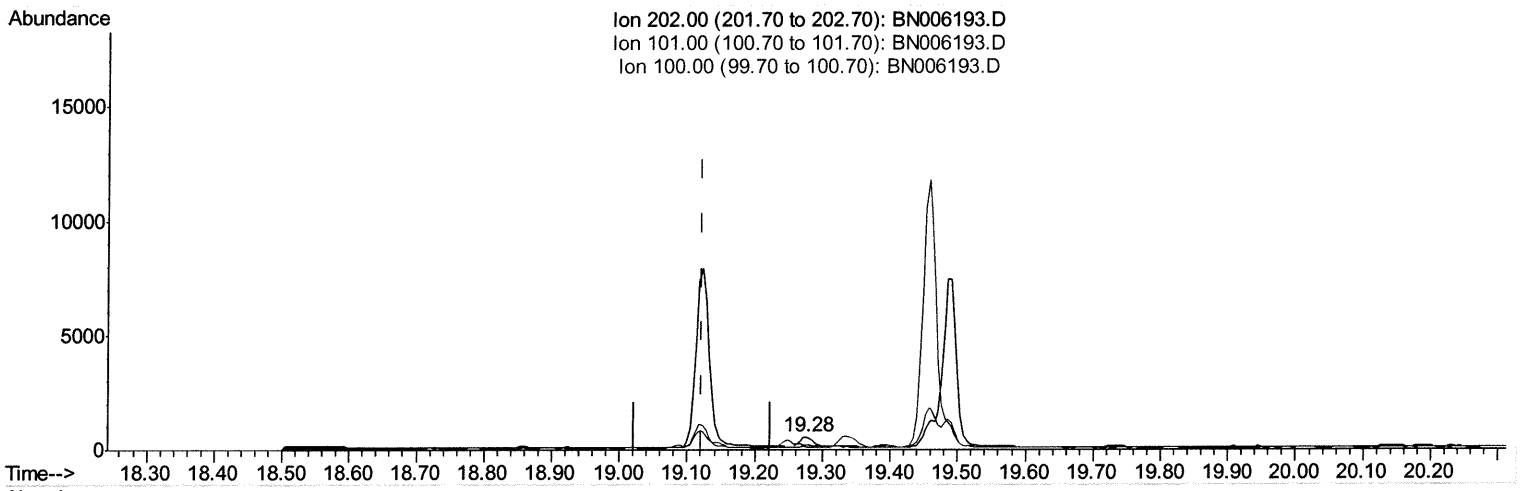
Quantitation Report (Qedit)

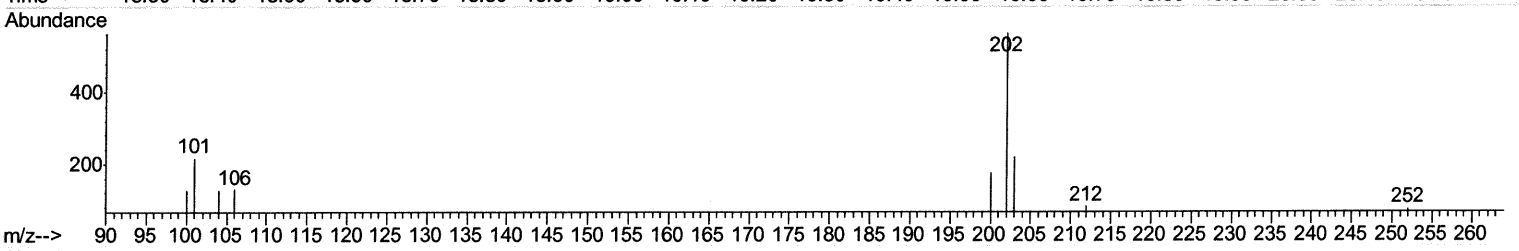
Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

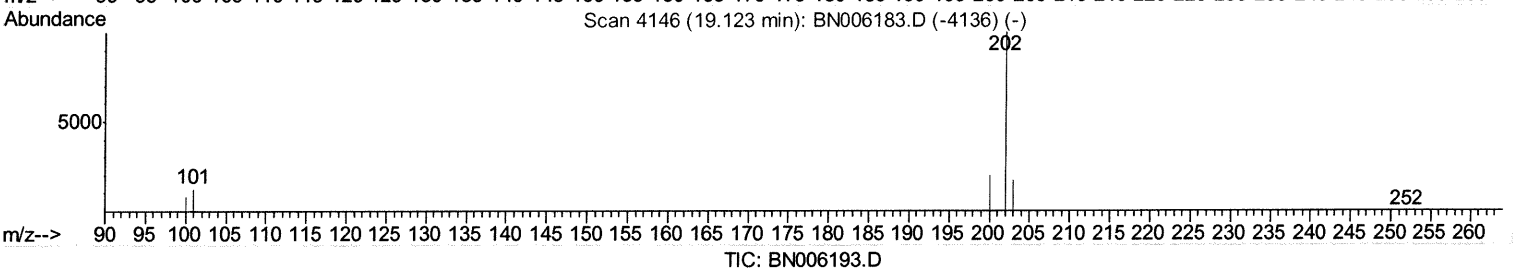
Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM







(15) Fluoranthene (C)

19.276min (+0.153) 0.01ng/ul

response 595

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	38.65#
100.00	8.70	23.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

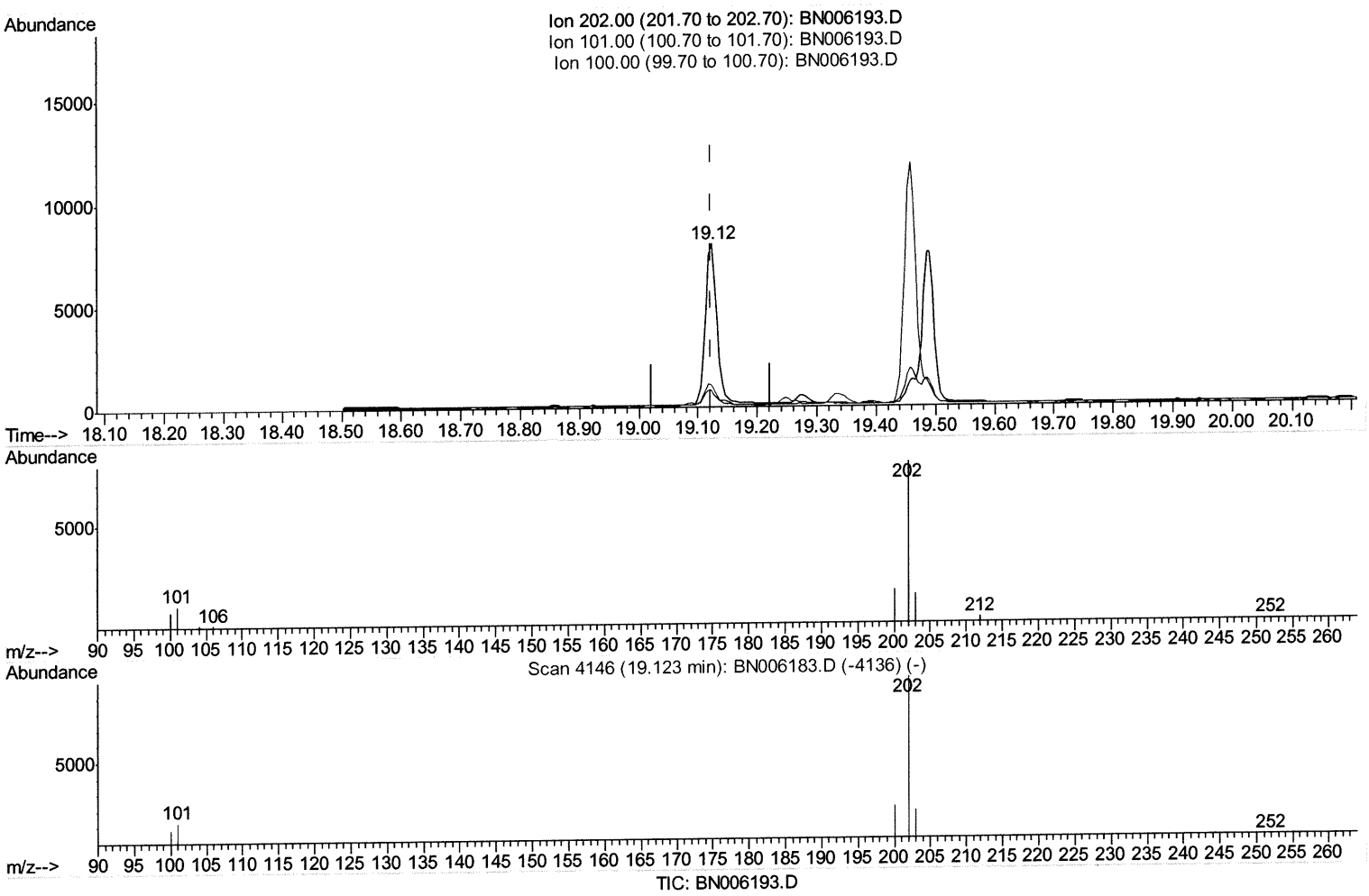
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



TIC: BN006193.D

(15) Fluoranthene (C)

19.123min (-0.000) 0.16ng/ul m JU 06/10/19

response 10976

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.84
100.00	8.70	10.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

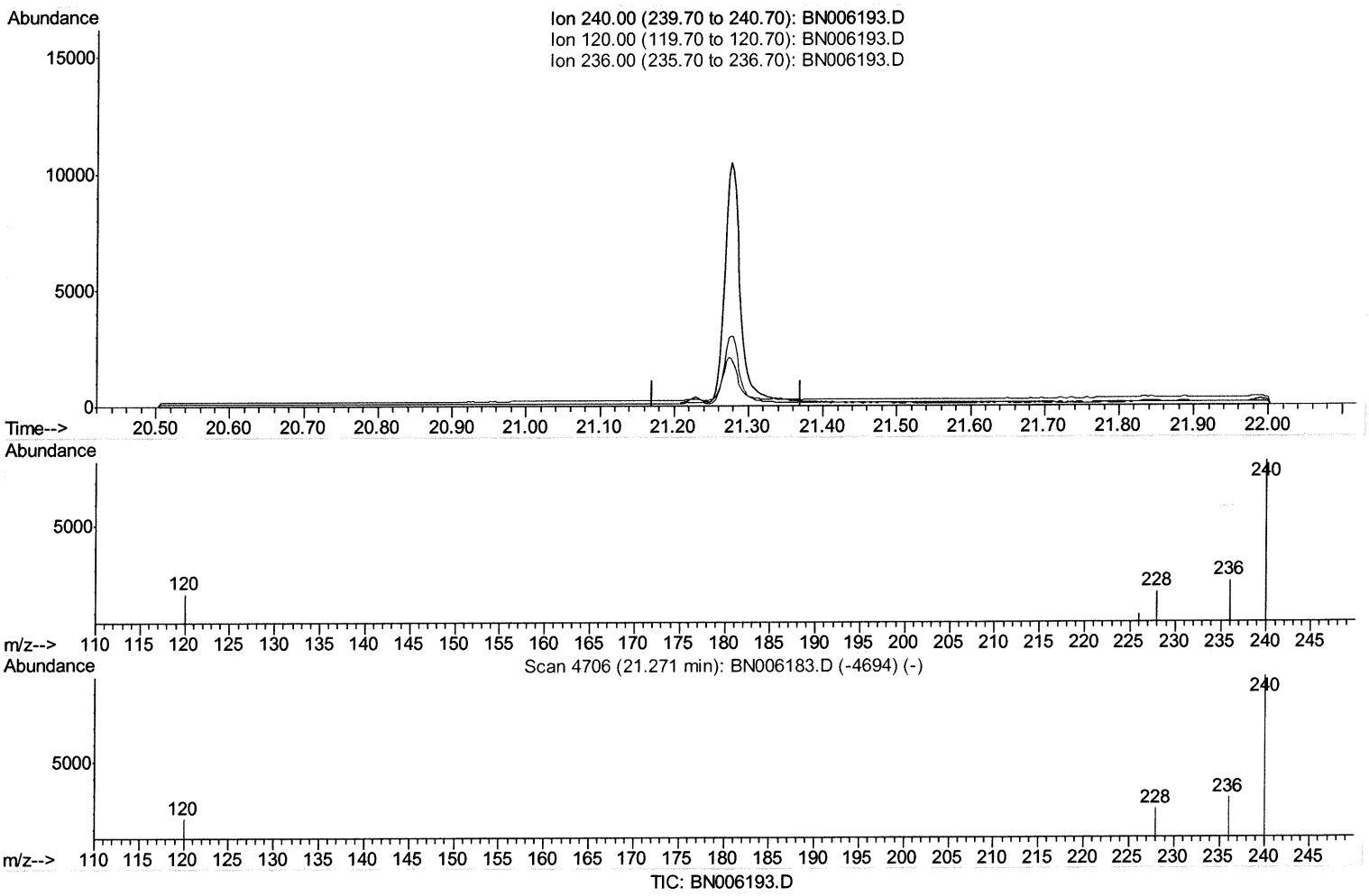
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(16) Chrysene-d12 (I)

21.271min (-21.271) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

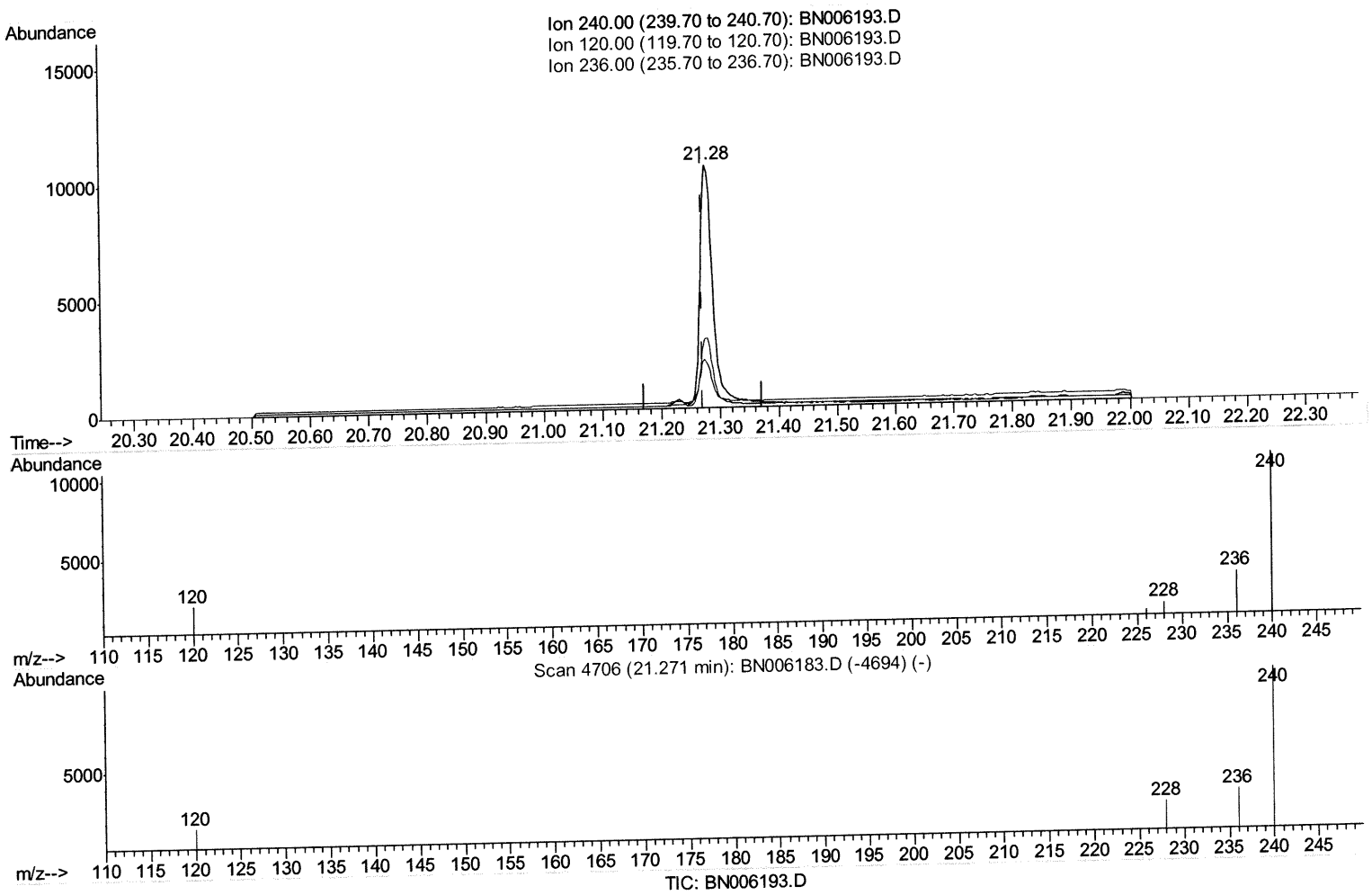
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(16) Chrysene-d12 (I)

21.276min (+0.005) 0.40ng/ul m JU 06/10/19

response 15796

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.69
236.00	30.10	28.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

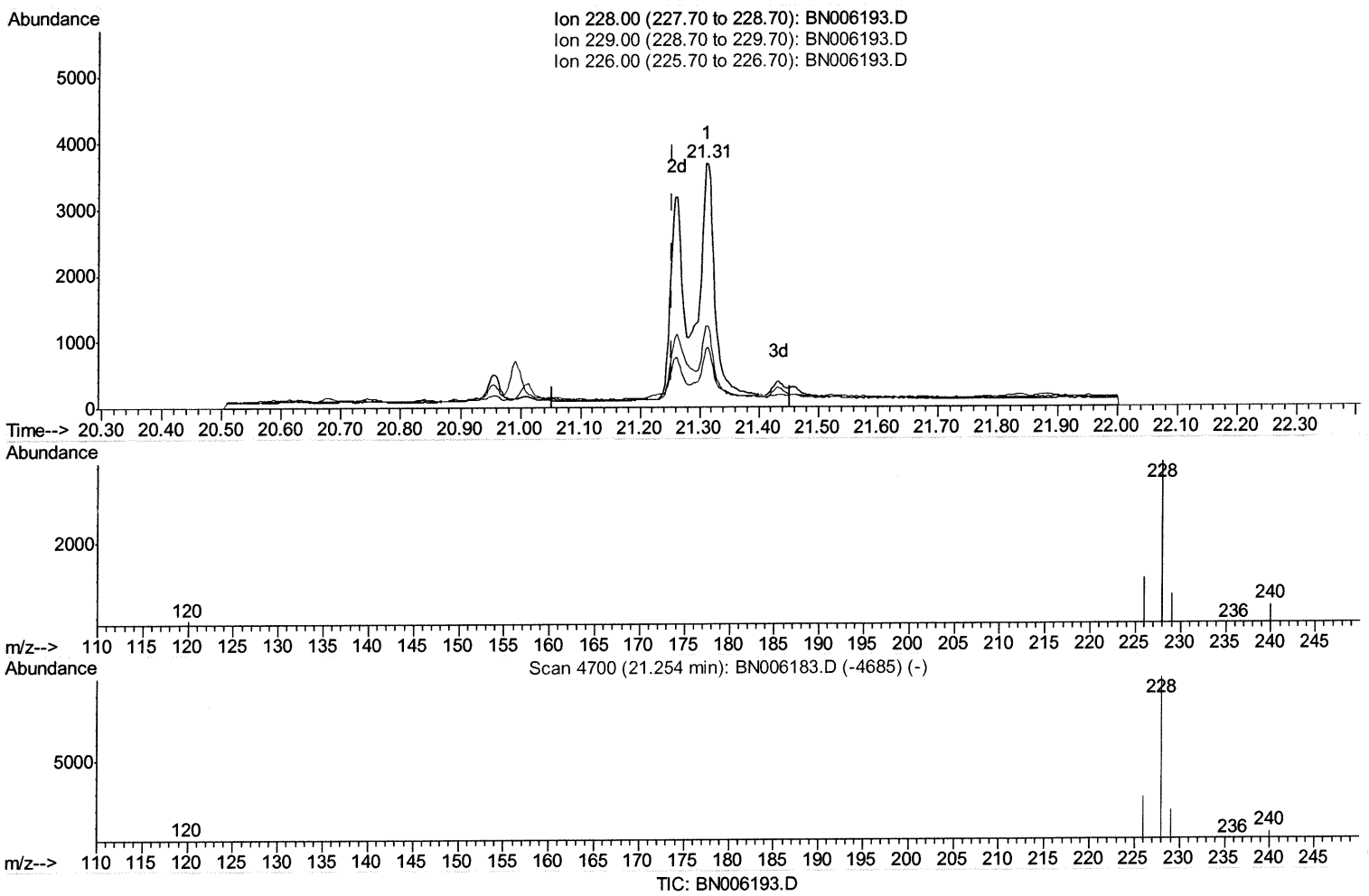
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



(18) Benzo(a)anthracene

21.311min (+0.057) 0.08ng/ul

response 5388

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	23.68
226.00	28.50	33.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

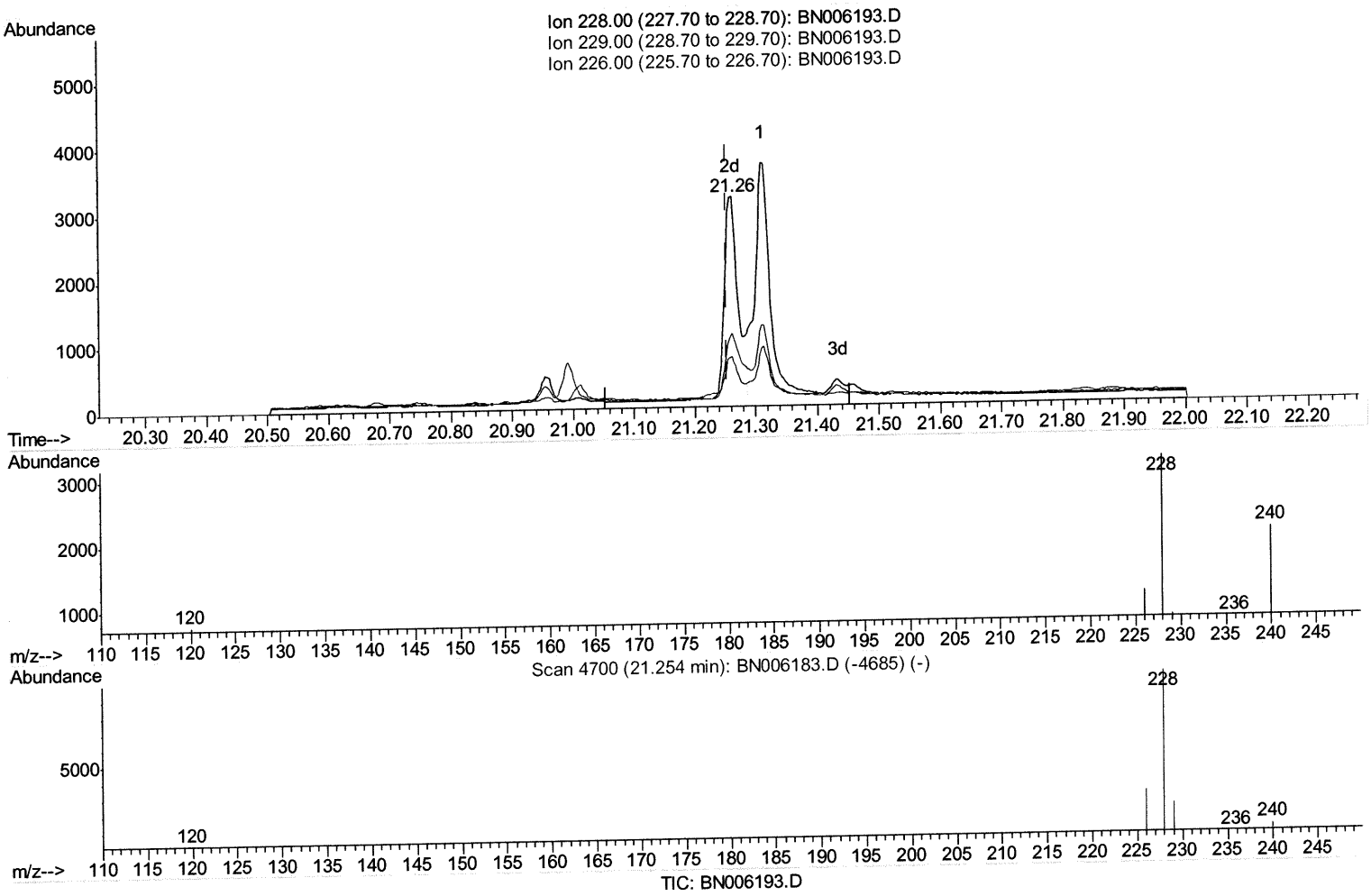
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



TIC: BN006193.D

(18) Benzo(a)anthracene

21.261min (+0.007) 0.07ng/ul m JU 06/10/19

response 4653

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	23.73
226.00	28.50	35.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

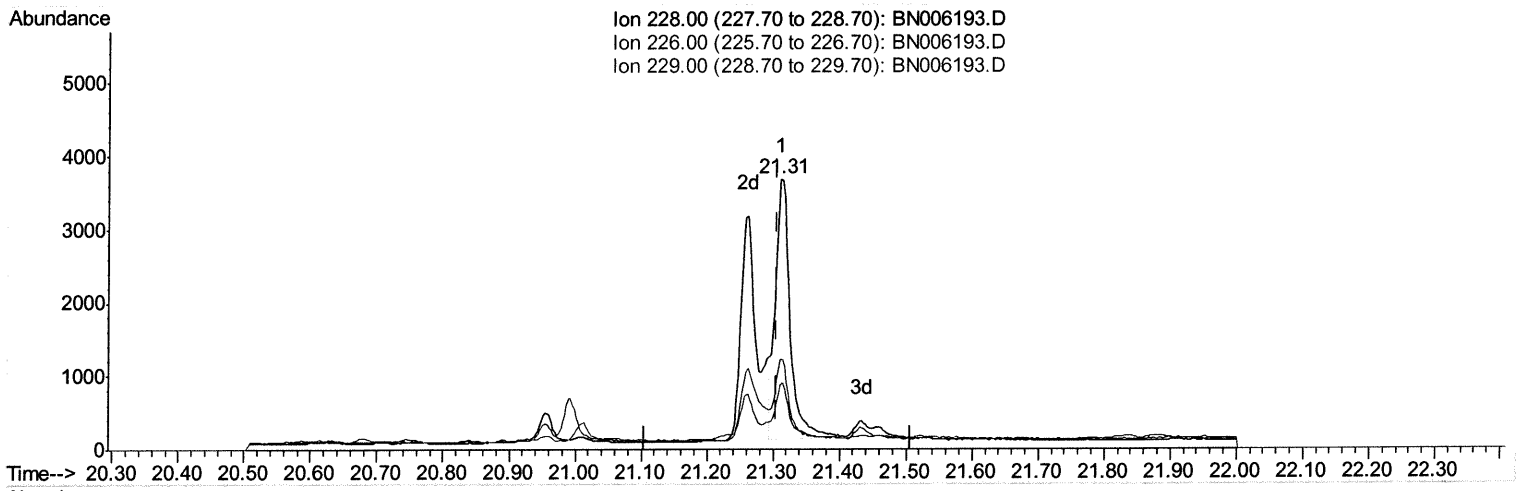
Quantitation Report (Qedit)

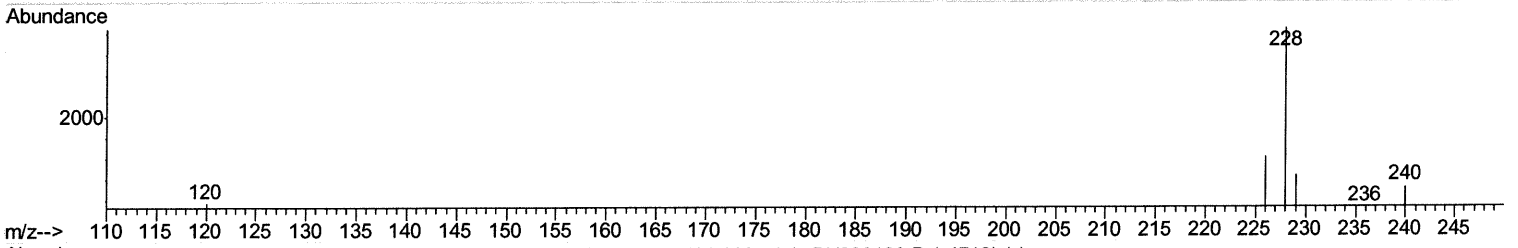
Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

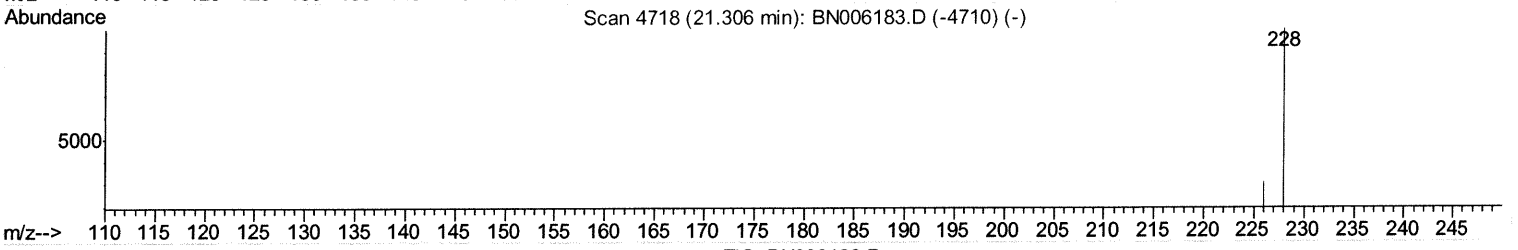
Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM







TIC: BN006193.D

(19) Chrysene

21.311min (+0.005) 0.09ng/ul

response 5640

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	33.08
229.00	20.40	23.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

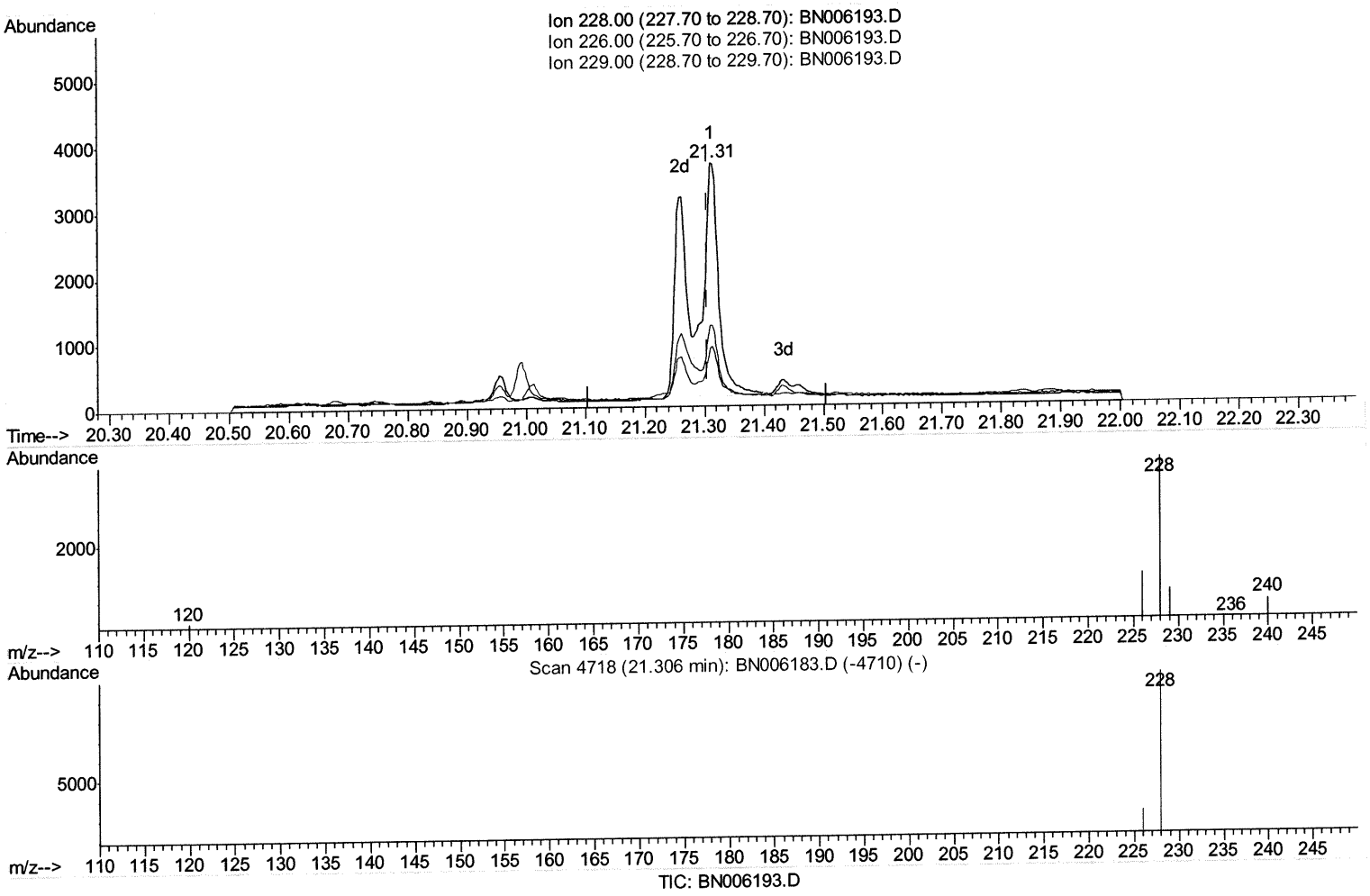
Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM



TIC: BN006193.D

(19) Chrysene

21.311min (+0.005) 0.09ng/ul m JU 06/10/19

response 6229

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	33.08
229.00	20.40	23.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

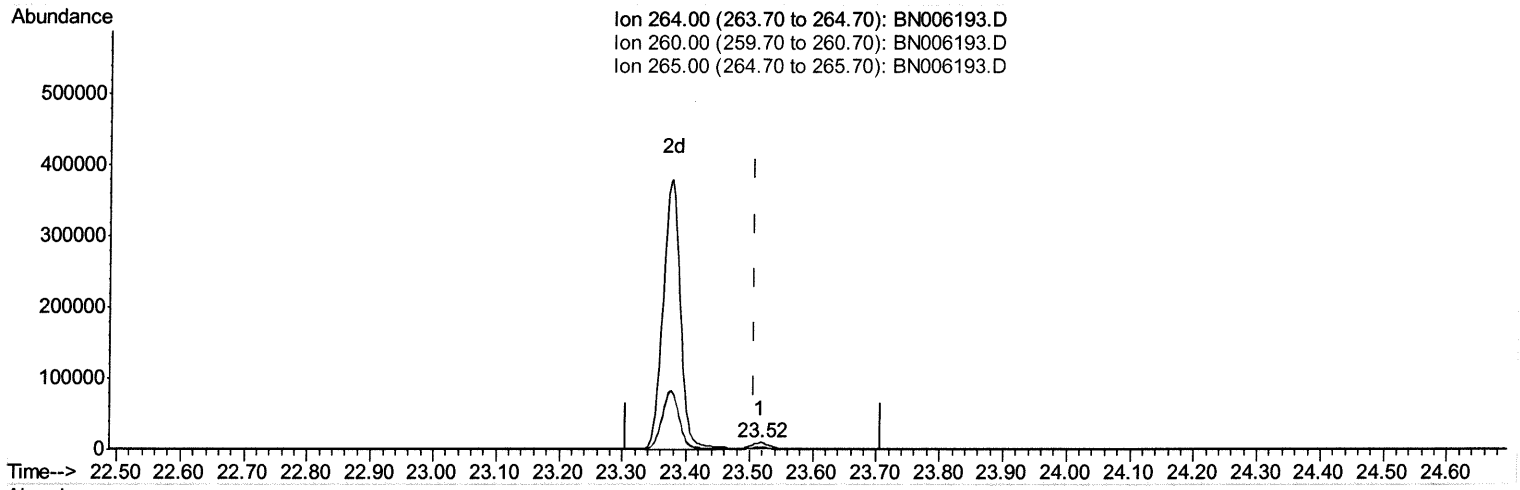
Quantitation Report (Qedit)

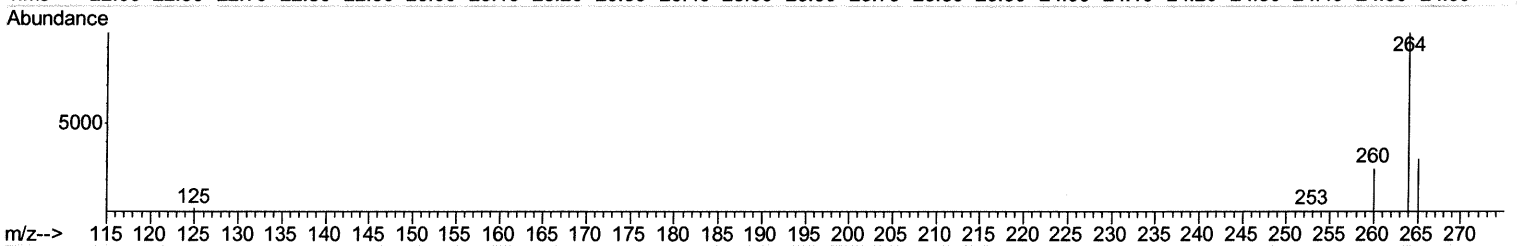
Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

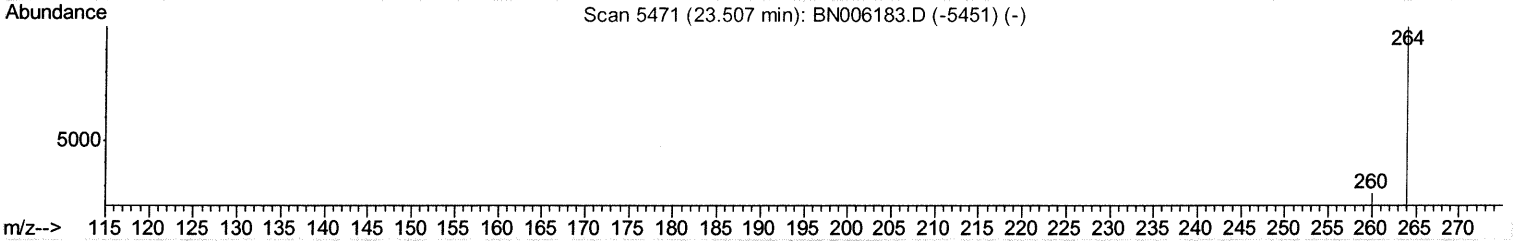
Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:51 PM





Scan 5471 (23.507 min): BN006183.D (-5451) (-)



TIC: BN006193.D

(20) Perylene-d12 (I)

23.517min (+0.010) 0.40ng/ul

response 22903

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.76
265.00	44.70	32.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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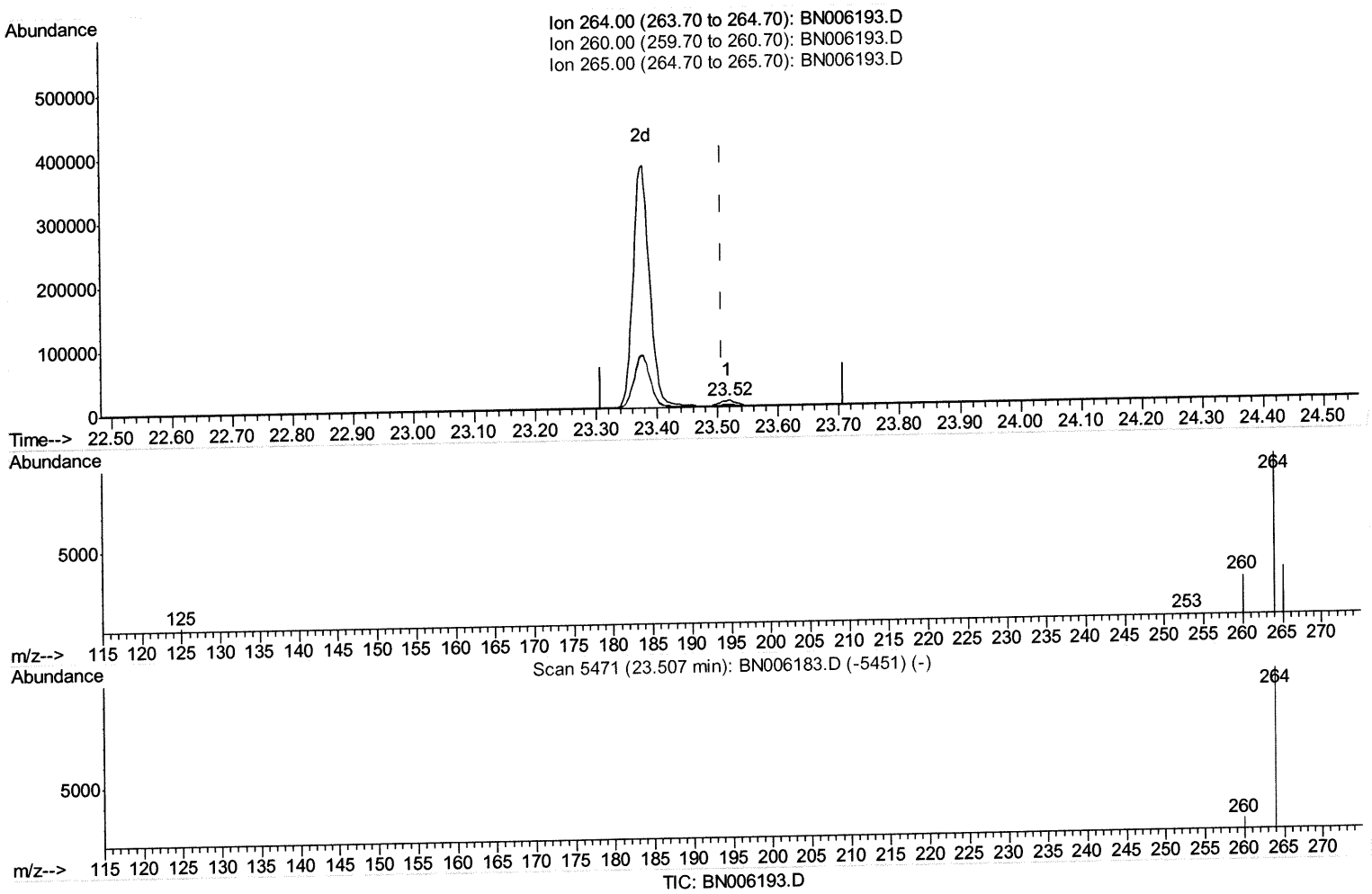
6/11/2019 4:30:51 PM



Scan 5471 (23.507 min): BN006183.D (-5451) (-)

TIC: BN006193.D

(20) Perylene-d12 (I)

23.517min (+0.010) 0.40ng/ul m JU 06/10/19

response 14315

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.76
265.00	44.70	32.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:31:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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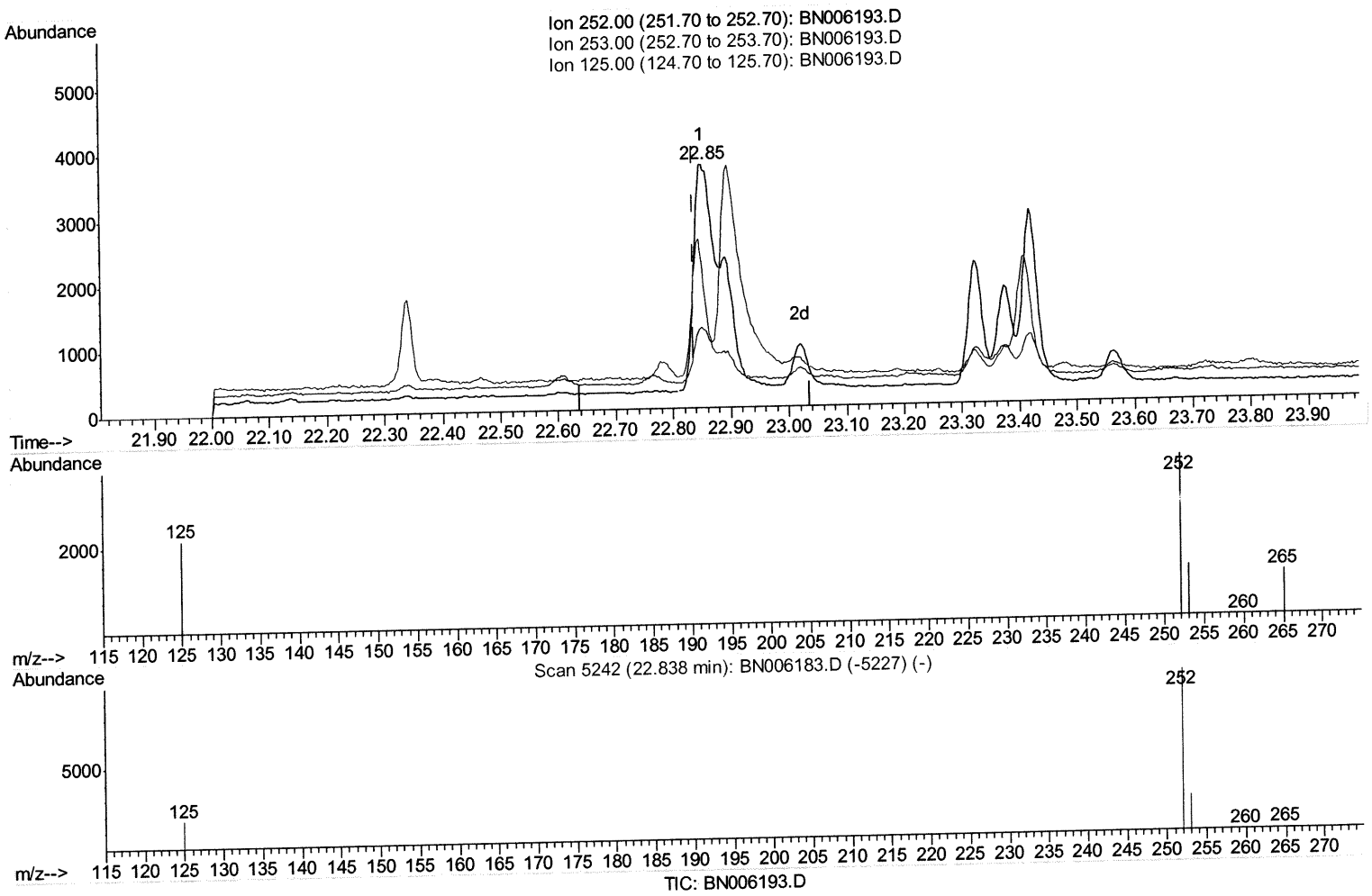

(21) Benzo(b)fluoranthene

22.851min (+0.013) 0.20ng/ul

response 11669

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.40
125.00	20.50	58.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:31:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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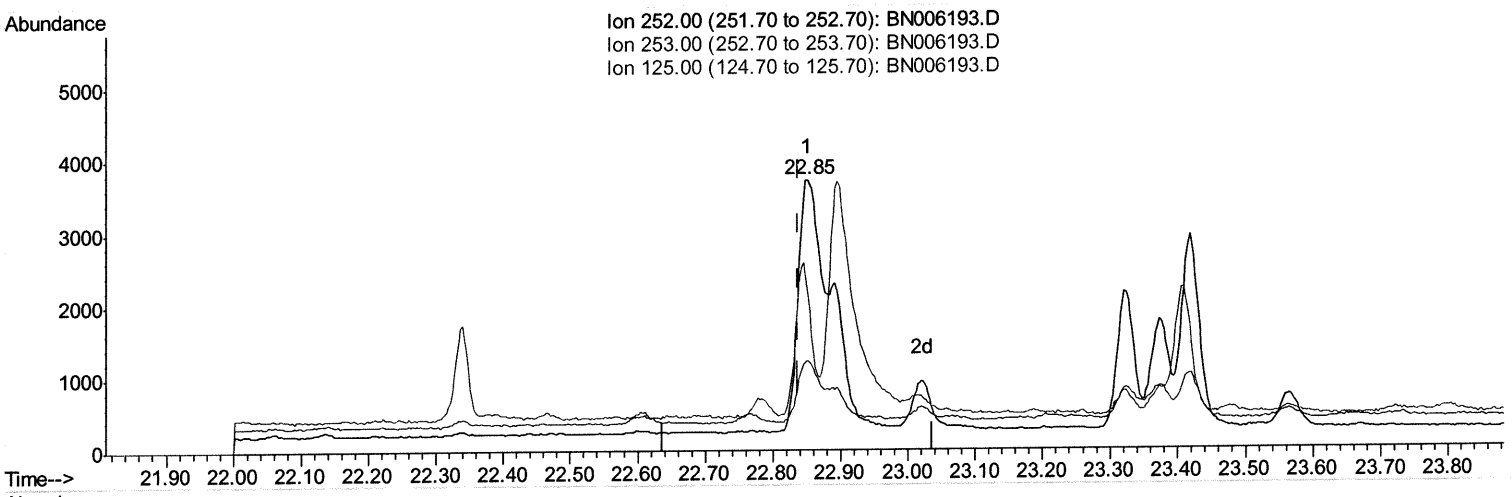
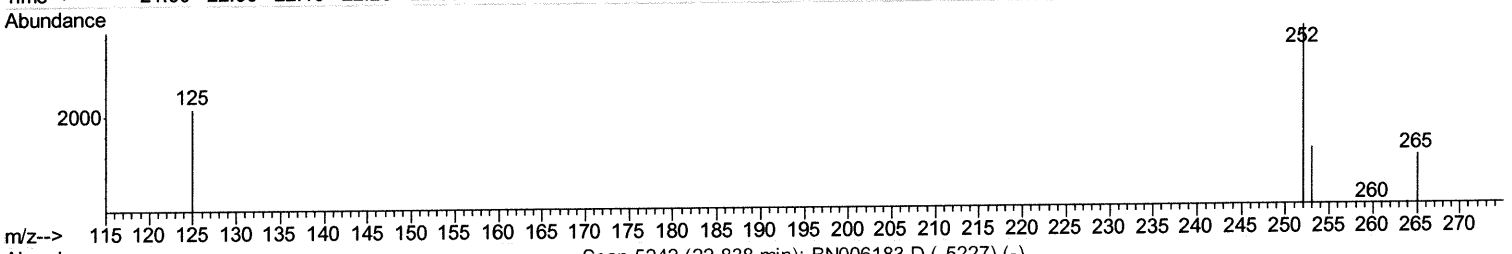
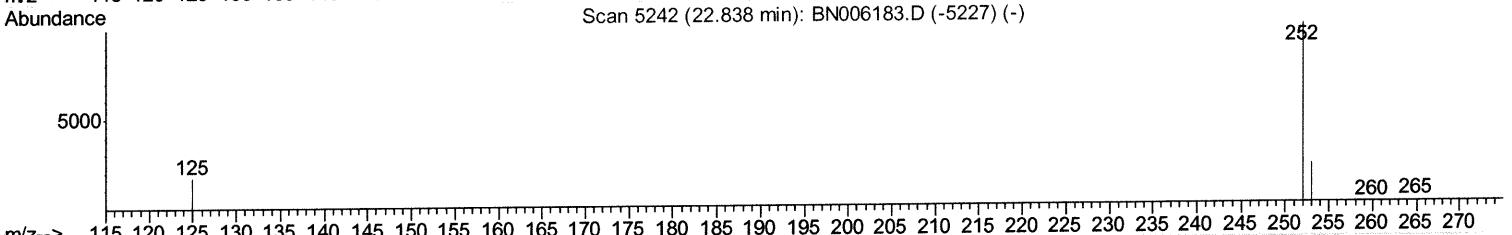




Scan 5242 (22.838 min): BN006183.D (-5227) (-)



TIC: BN006193.D

(21) Benzo(b)fluoranthene

22.851min (+0.013) 0.14ng/ul m JU 06/10/19

response 8435

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.40
125.00	20.50	58.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:31:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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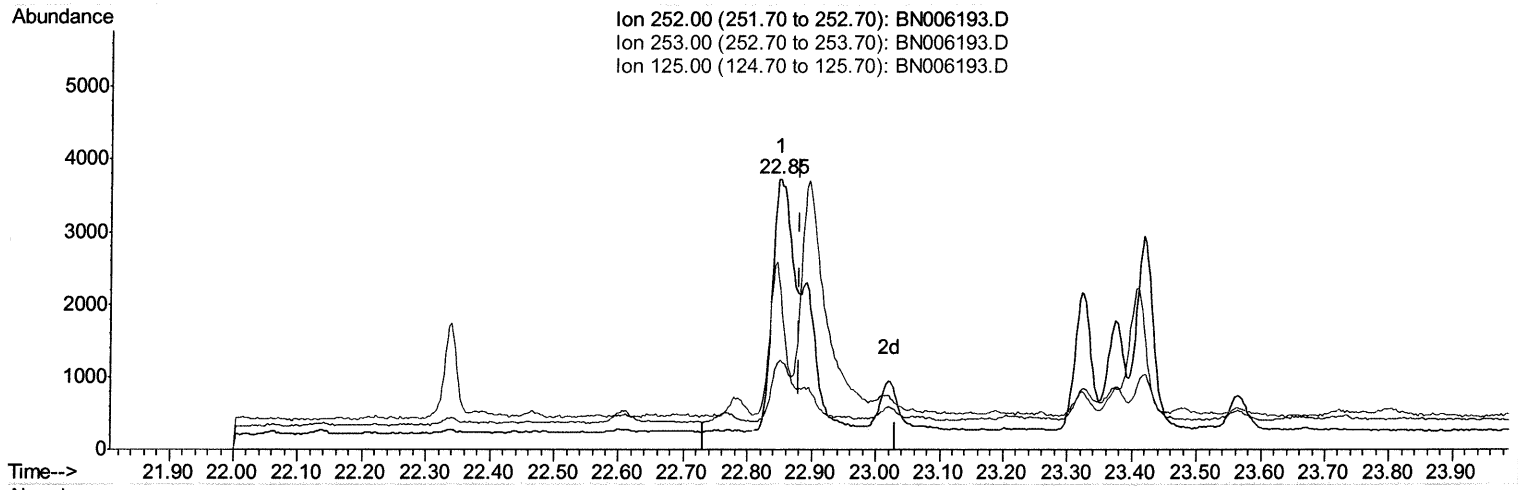
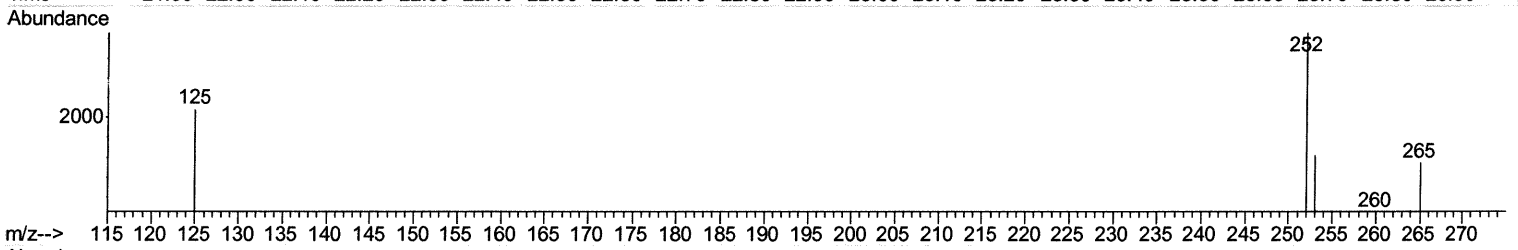
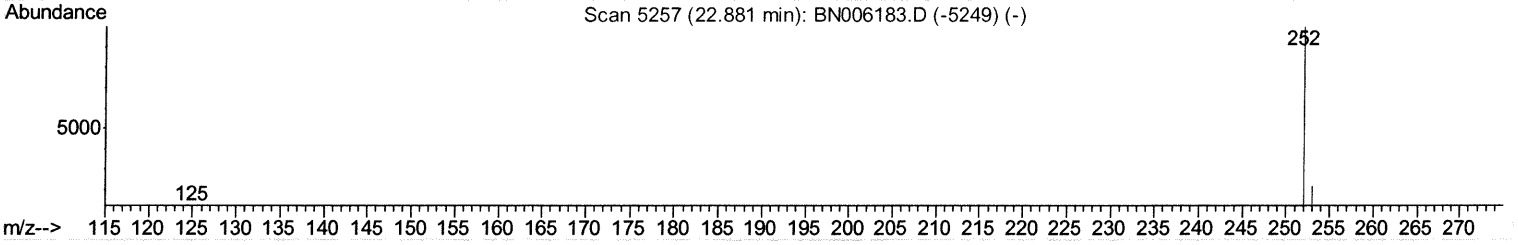




Scan 5257 (22.881 min): BN006183.D (-5249) (-)



TIC: BN006193.D

(22) Benzo(k)fluoranthene

22.851min (-0.031) 0.20ng/ul

response 11669

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	33.40#
125.00	17.90	58.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:31:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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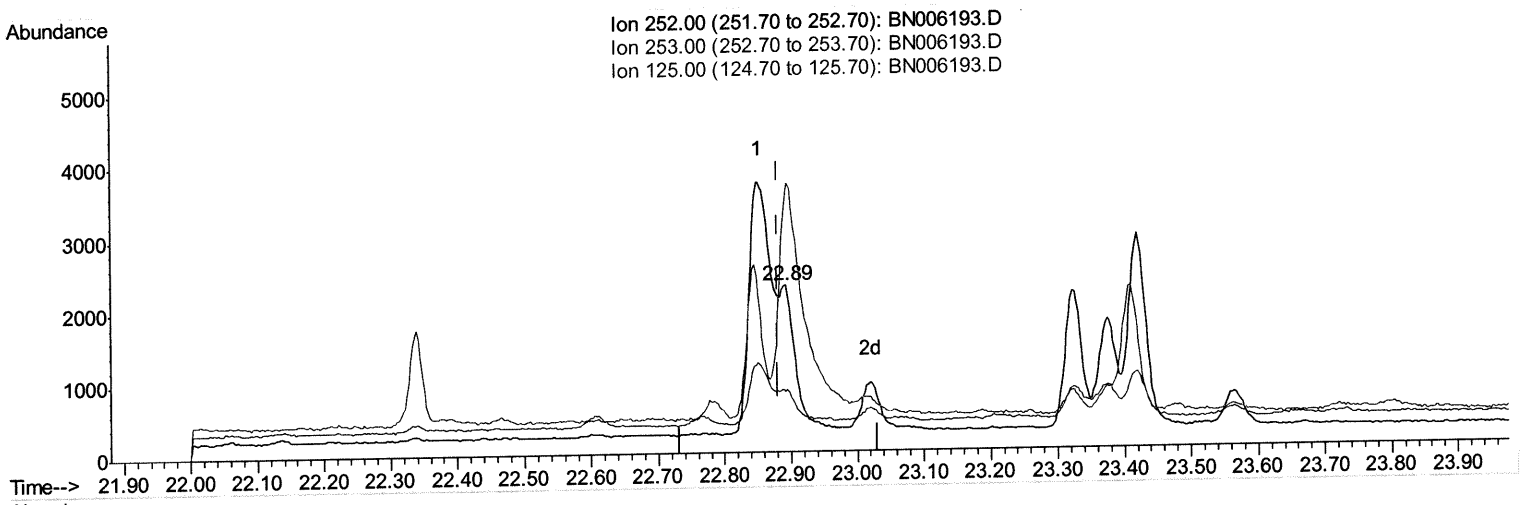
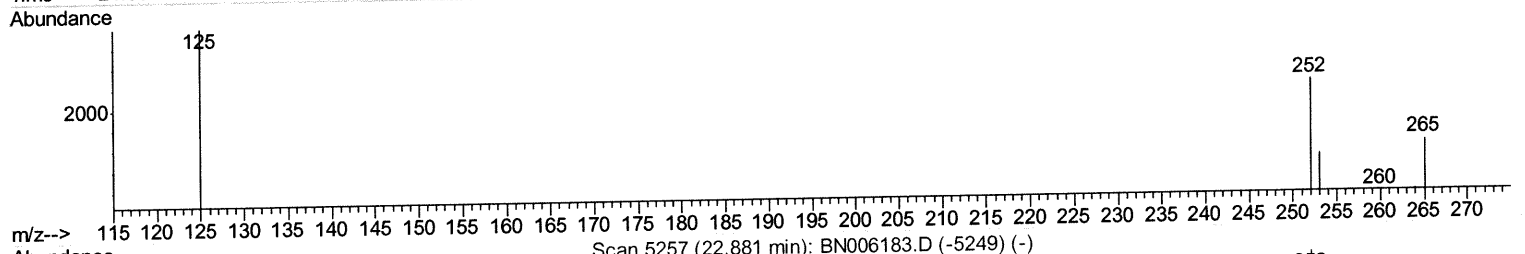
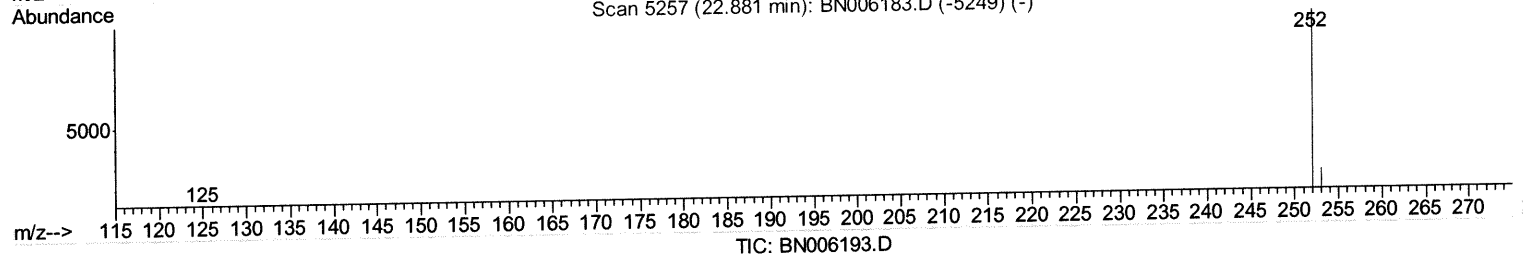




Scan 5257 (22.881 min): BN006183.D (-5249) (-)



TIC: BN006193.D

(22) Benzo(k)fluoranthene

22.892min (+0.010) 0.06ng/ul m JU 06/10/19

response 3338

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	36.37#
125.00	17.90	156.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (QT Reviewed)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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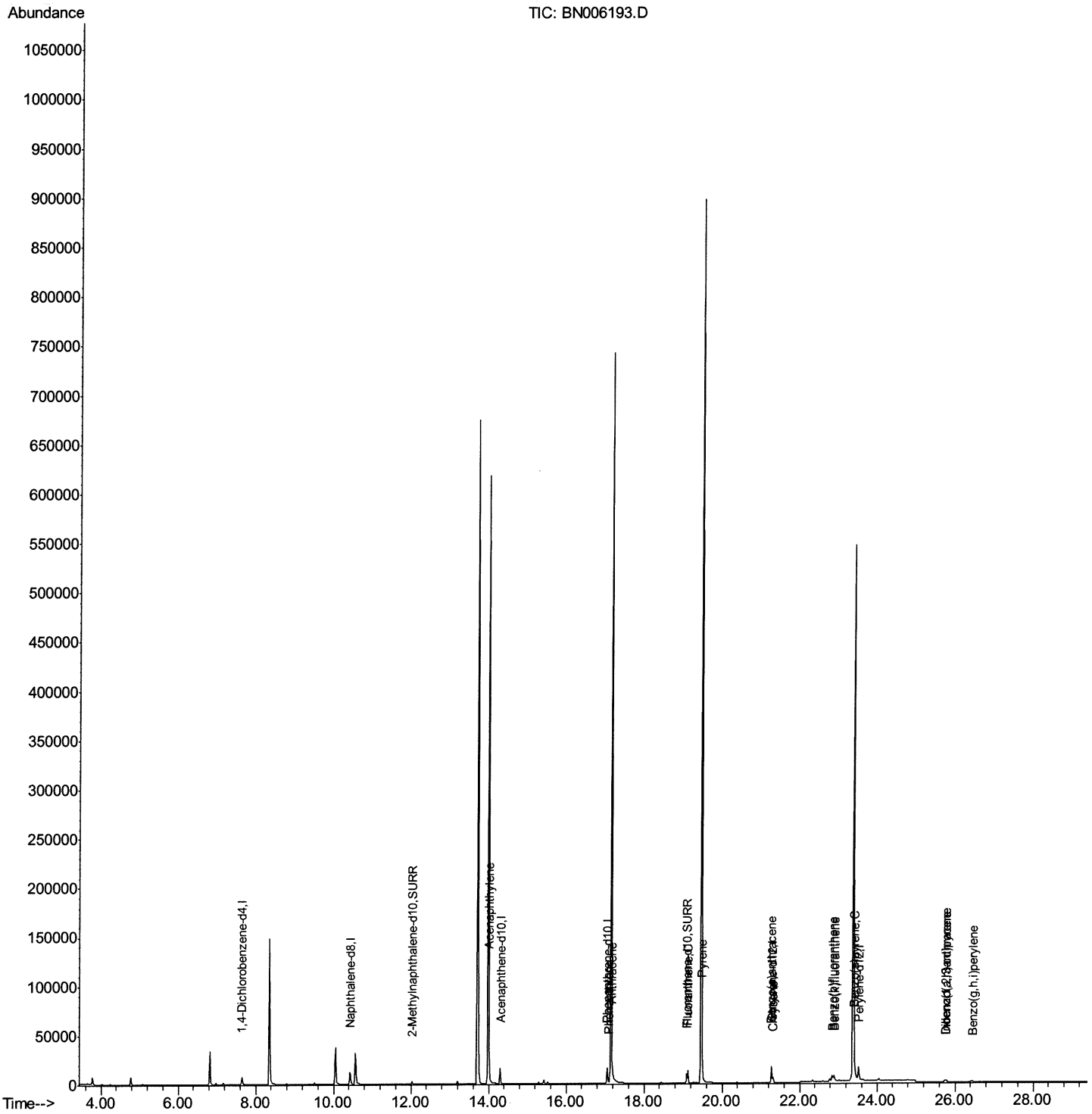
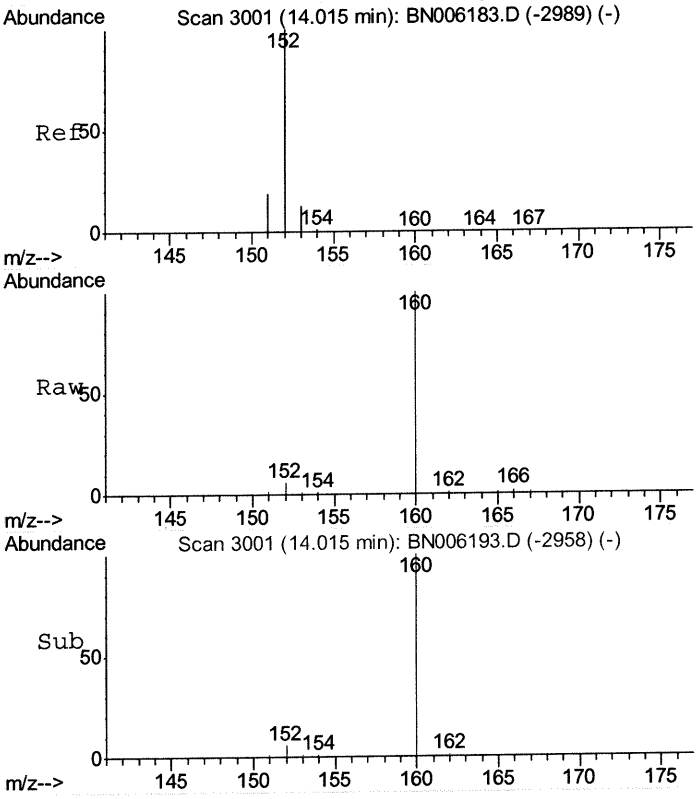
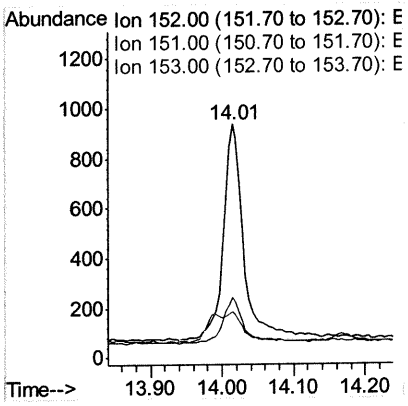


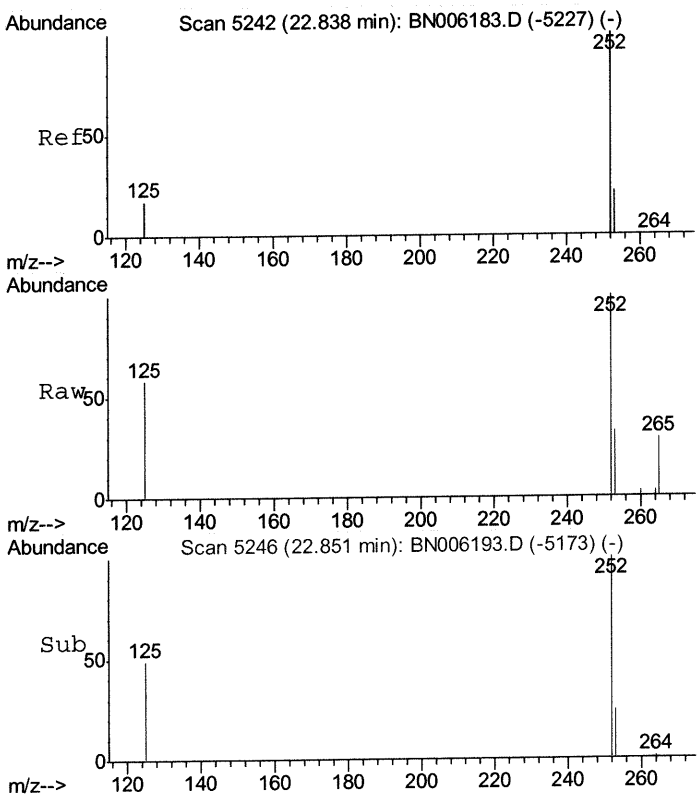


#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:152 Resp: 1724

Ion	Ratio	Lower	Upper
152	100		
151	26.0	15.8	23.8#
153	19.8	10.8	16.2#

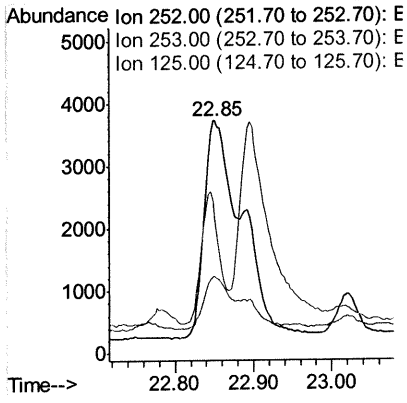




#21
Benzo(b)fluoranthene
Concen: 0.122 ng/ul
RT: 22.85 min Scan# 5246
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 11669

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	51.4
125	58.0	0.0	41.0#



Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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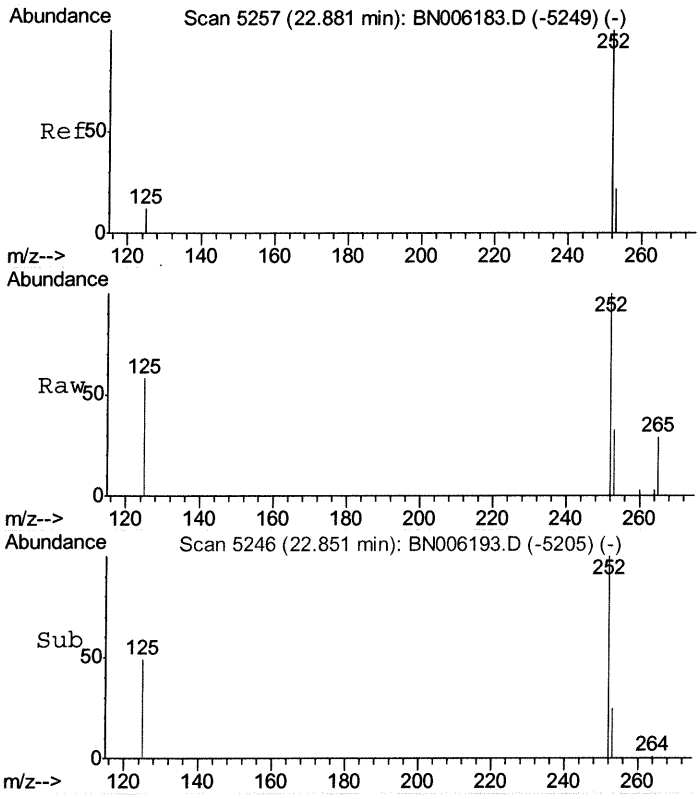
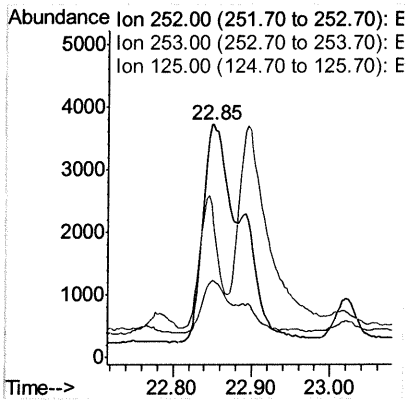
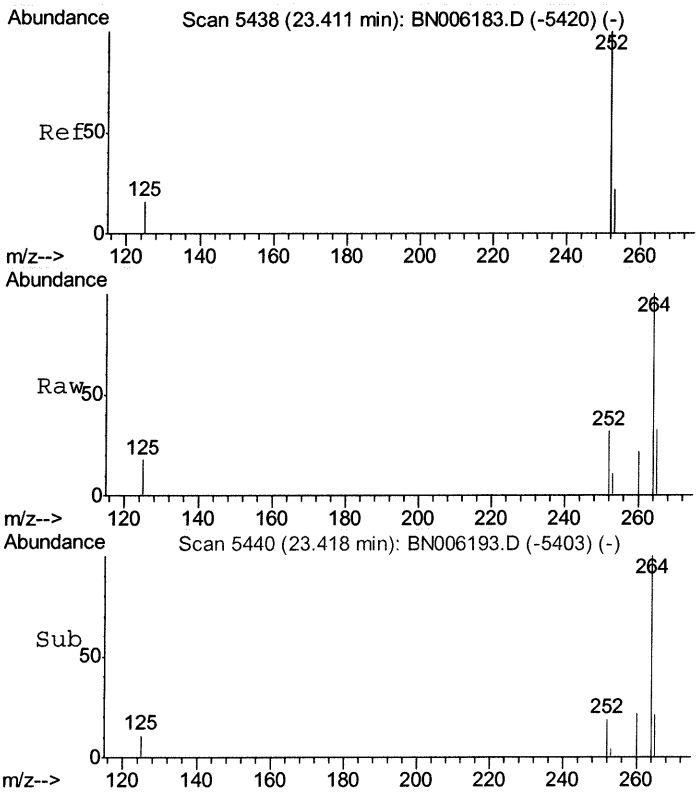


#22
Benzo(k)fluoranthene
Concen: 0.125 ng/ul
RT: 22.85 min Scan# 5246
Delta R.T. -0.03 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 11669

Ion	Ratio	Lower	Upper
252	100		
253	33.4	20.3	30.5#
125	58.0	14.3	21.5#

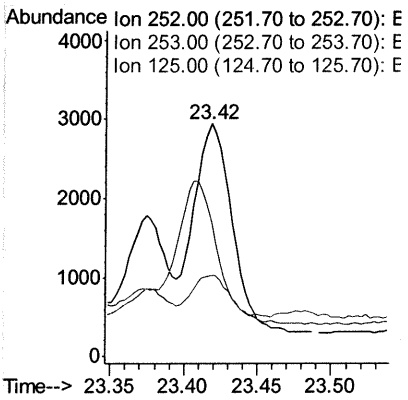




#23
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.42 min Scan# 5440
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 4862

Ion	Ratio	Lower	Upper
252	100		
253	35.1	21.1	31.7#
125	57.7	20.3	30.5#



Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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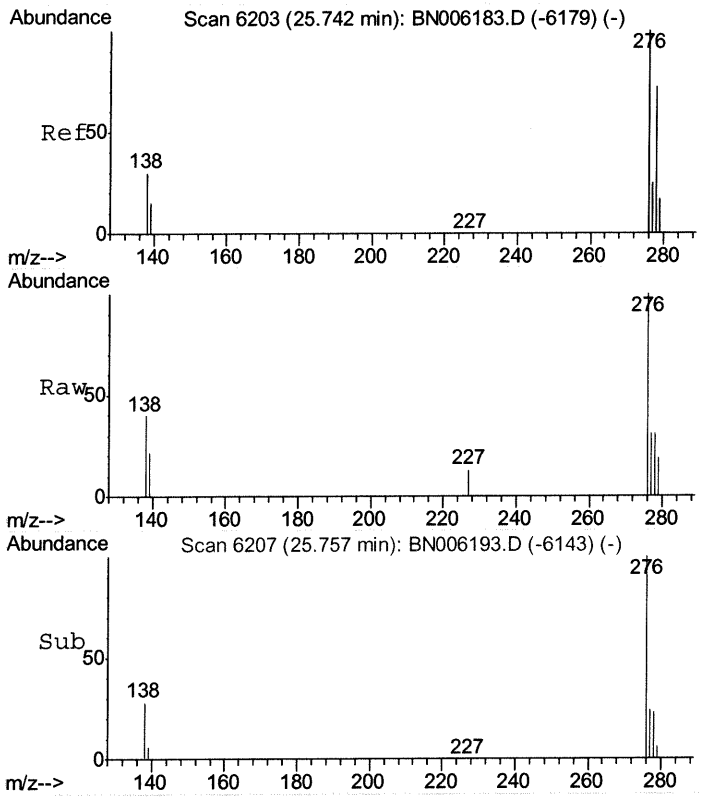
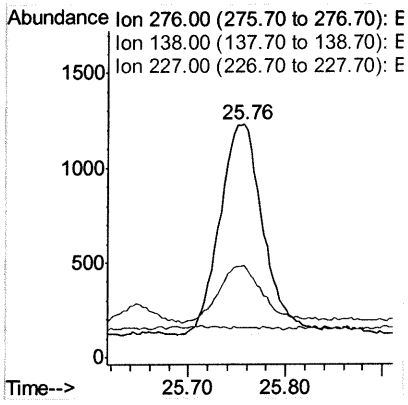
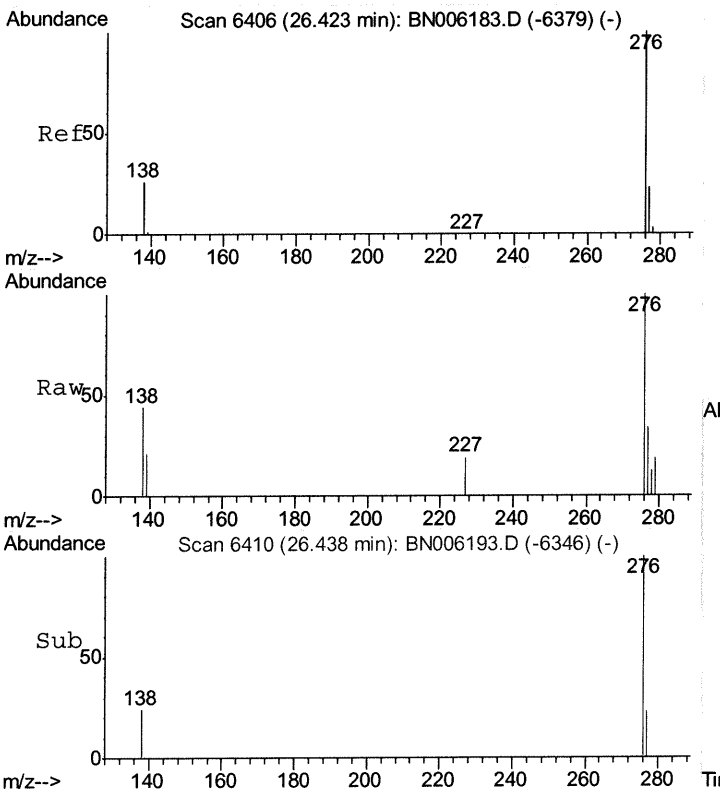


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.02 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:276 Resp: 3469

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.6	38.4
227	0.3	0.3	0.5

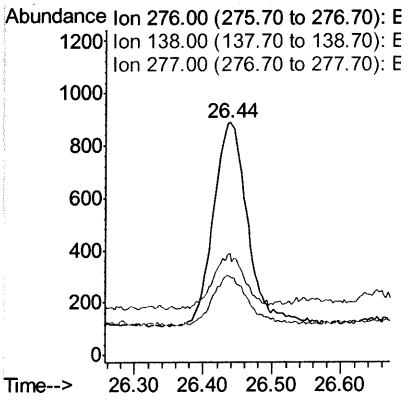




#26
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.44 min Scan# 6410
Delta R.T. 0.02 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:276 Resp: 2704

Ion	Ratio	Lower	Upper
276	100		
138	43.6	24.2	36.4#
277	33.8	21.5	32.3#



Instrument :
BNA_N
ClientSampleId :
A51C4

Manual Integrations APPROVED
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (QT Reviewed)

Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 09 04:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A51C4

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17257	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9117	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19041m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15796m	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	14315m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4498	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10573m	0.21	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1724	0.034	ng/ul#	86
12) Phenanthrene	17.09	178	4774	0.078	ng/ul	96
13) Anthracene	17.18	178	1205m	0.021	ng/ul	
15) Fluoranthene	19.12	202	10976m	0.163	ng/ul	
17) Pyrene	19.49	202	11413	0.137	ng/ul	97
18) Benzo(a)anthracene	21.26	228	4653m	0.067	ng/ul	
19) Chrysene	21.31	228	6229m	0.095	ng/ul	
21) Benzo(b)fluoranthene	22.85	252	8435m	0.141	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3338m	0.057	ng/ul	
23) Benzo(a)pyrene	23.42	252	4862	0.087	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.76	276	3469	0.058	ng/ul	92
25) Dibenzo(a,h)anthracene	25.76	278	973	0.020	ng/ul#	34
26) Benzo(g,h,i)perylene	26.44	276	2704	0.054	ng/ul#	81

JU 06/10/19

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