

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (QT Reviewed)

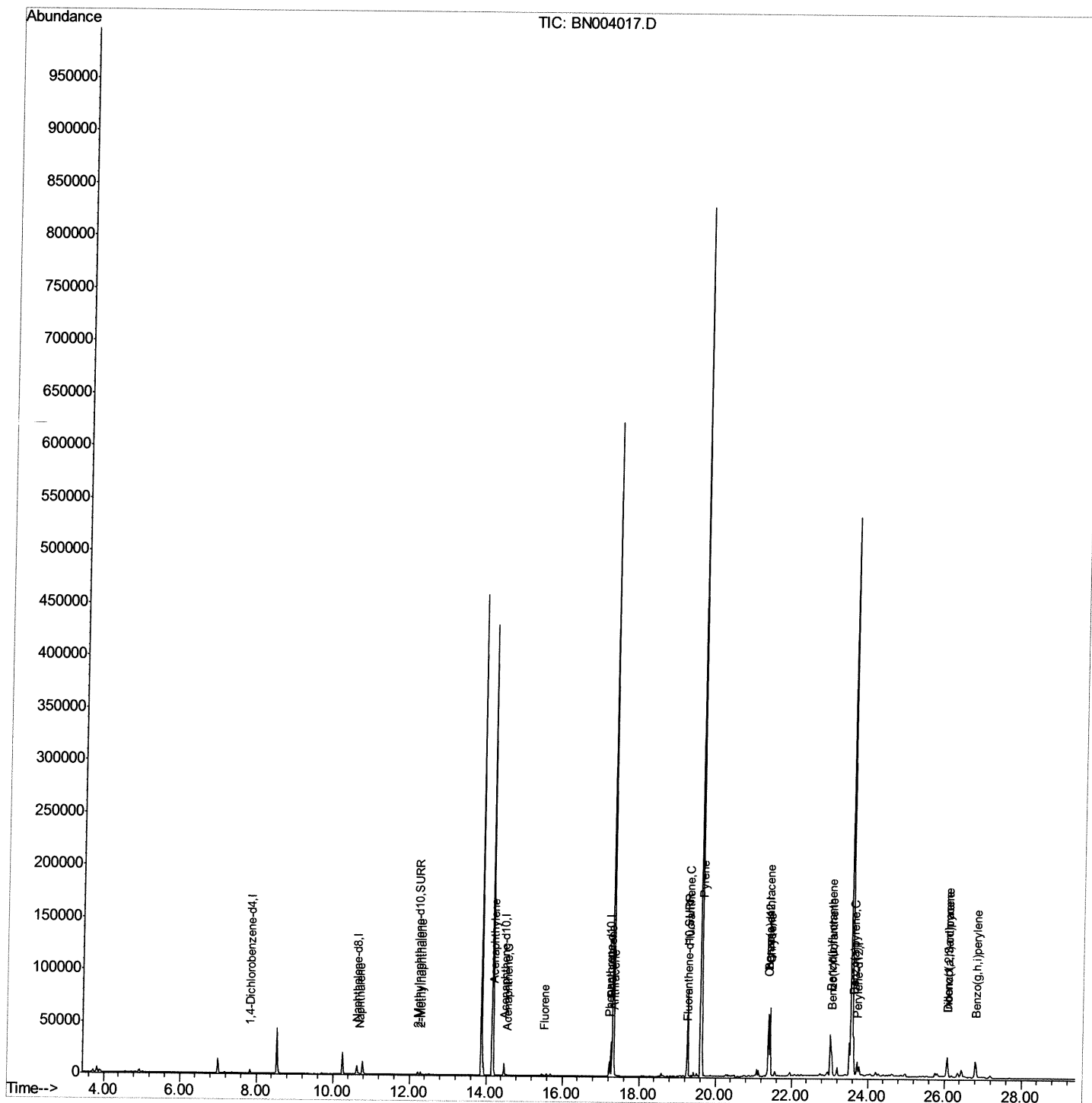
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:43:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

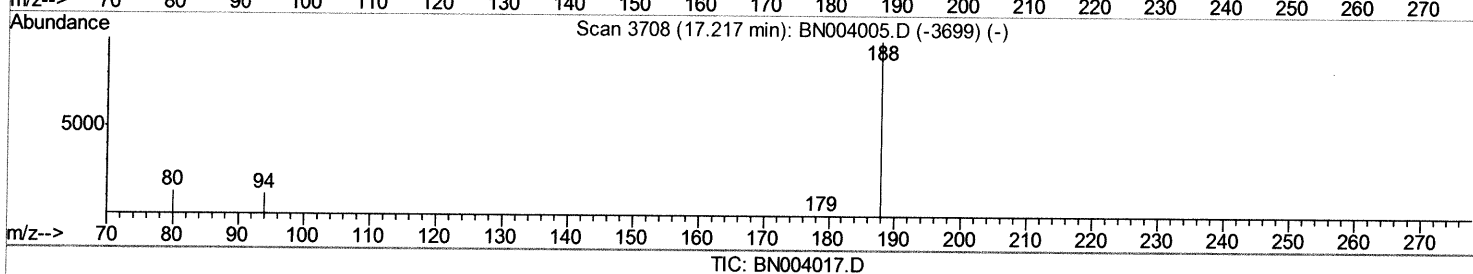
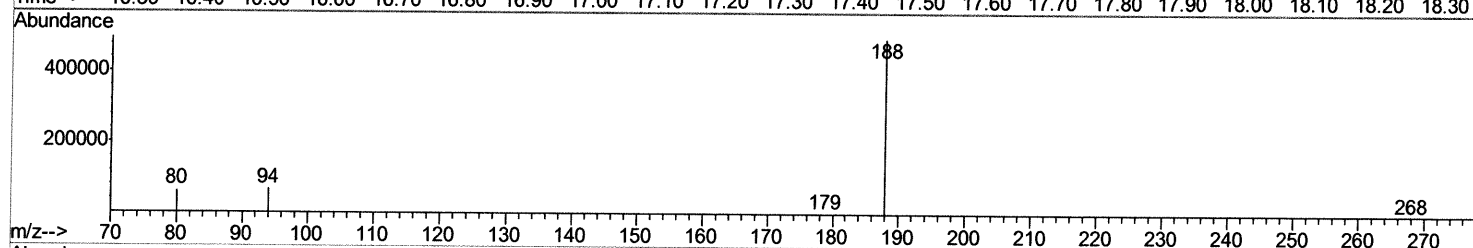
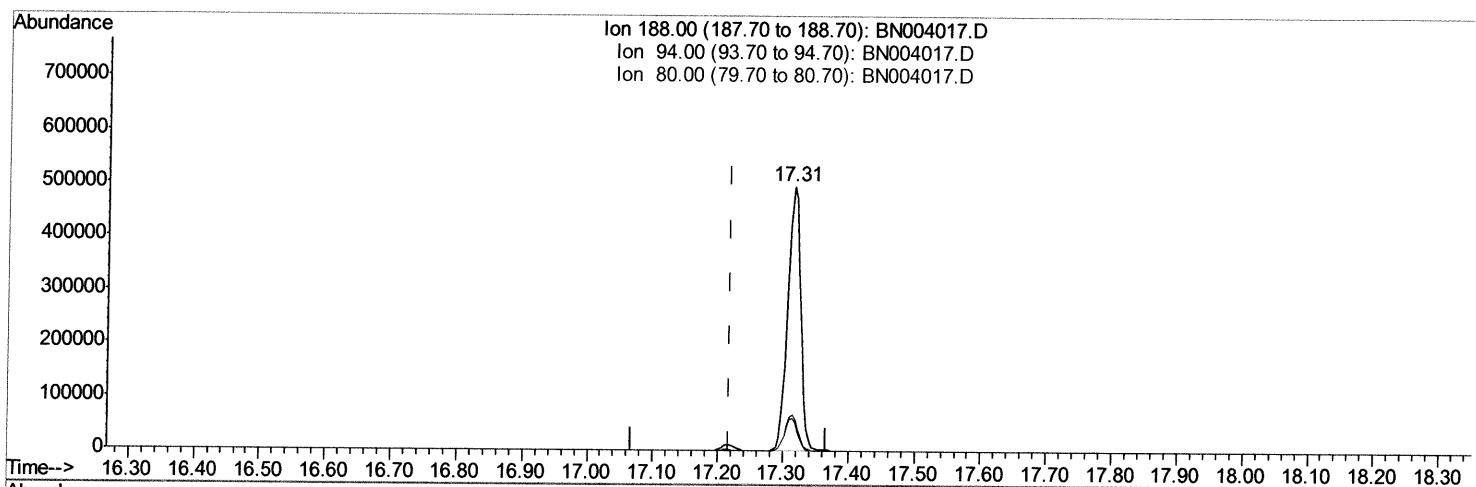
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 06:26:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 673572

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.59#
80.00	11.60	12.38
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

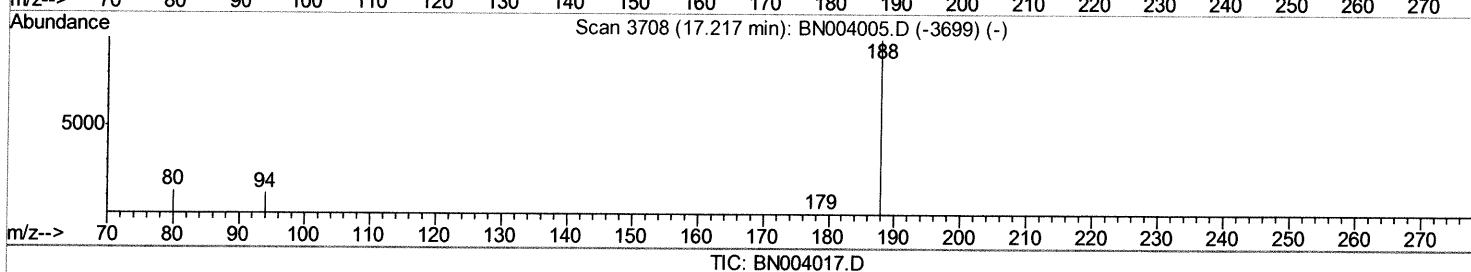
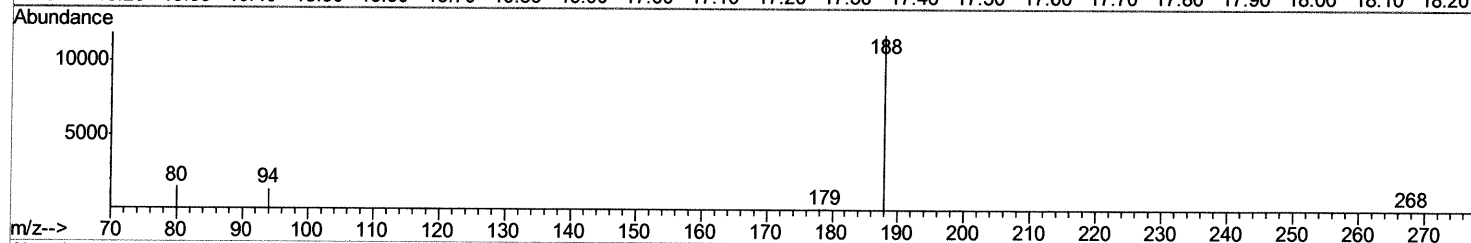
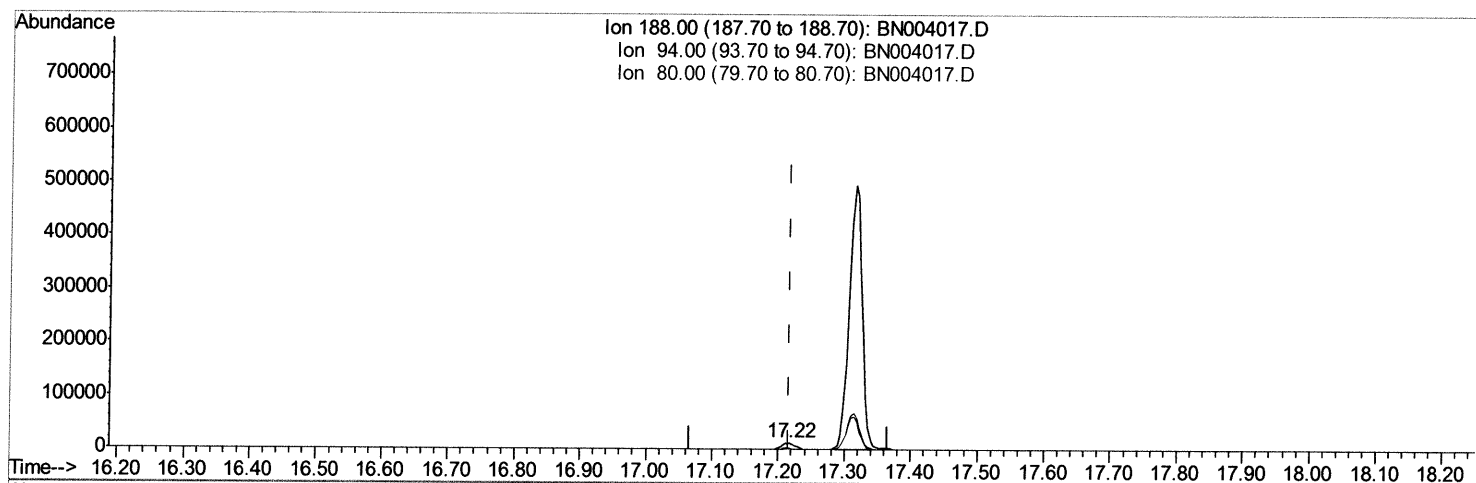
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 06:26:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m

response 16264

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.46
80.00	11.60	12.56
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

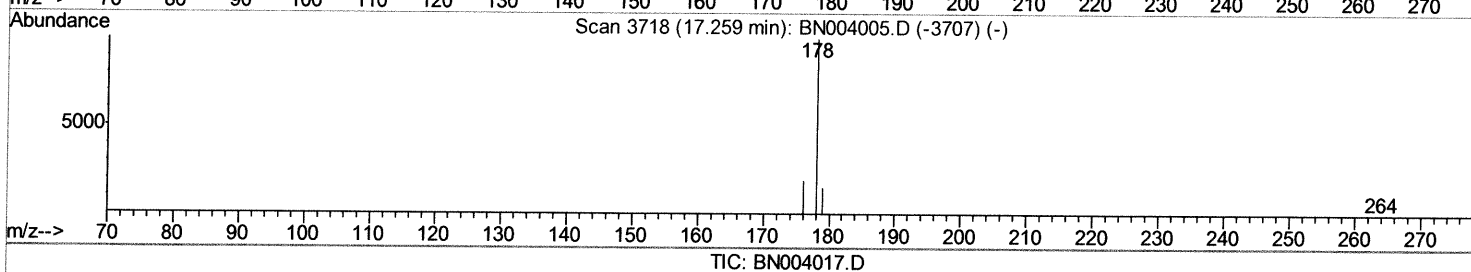
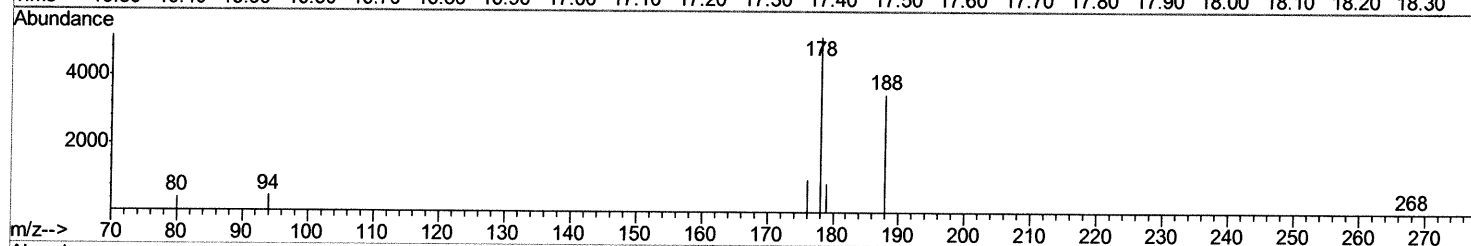
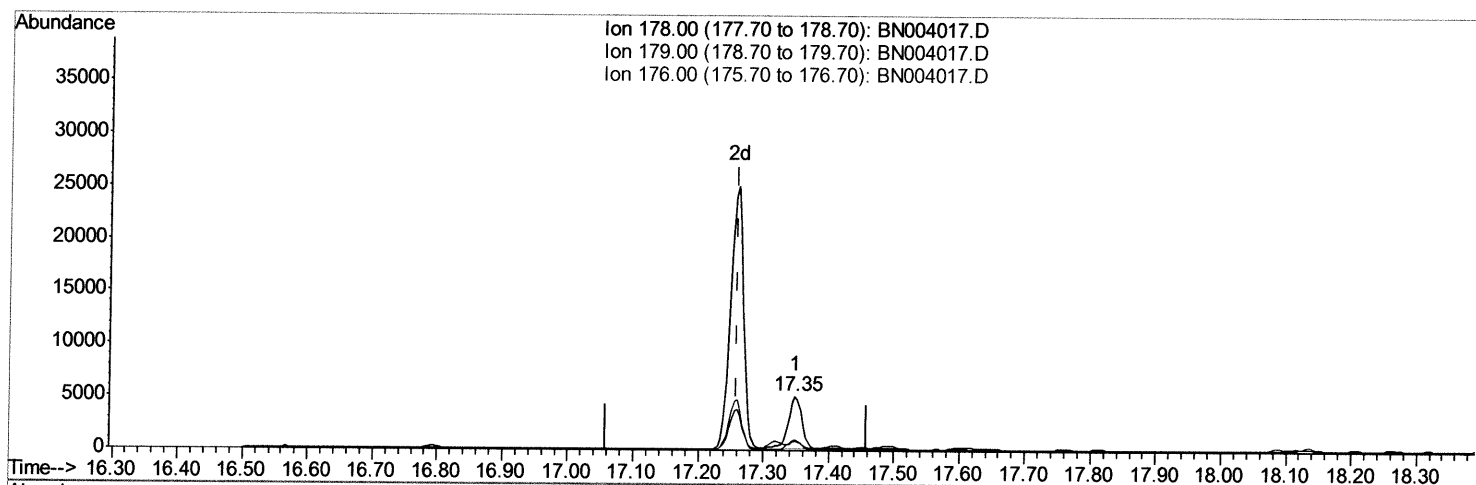
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(12) Phenanthrene

17.348min (+0.089) 0.13ng/ul

response 7084

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.40
176.00	18.70	19.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

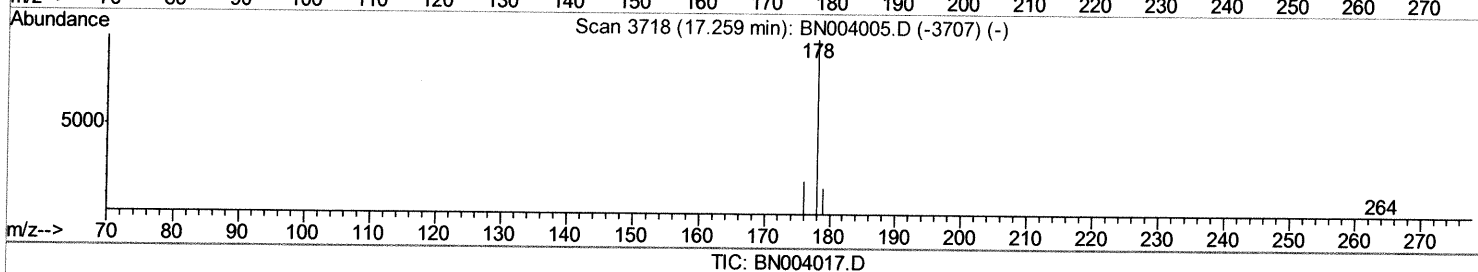
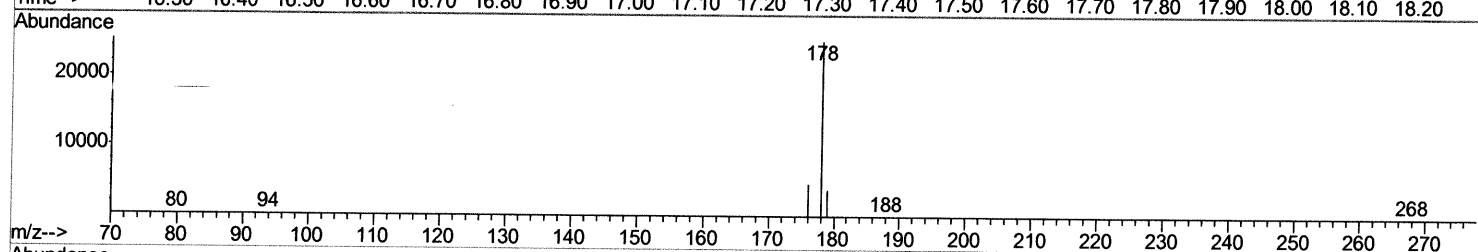
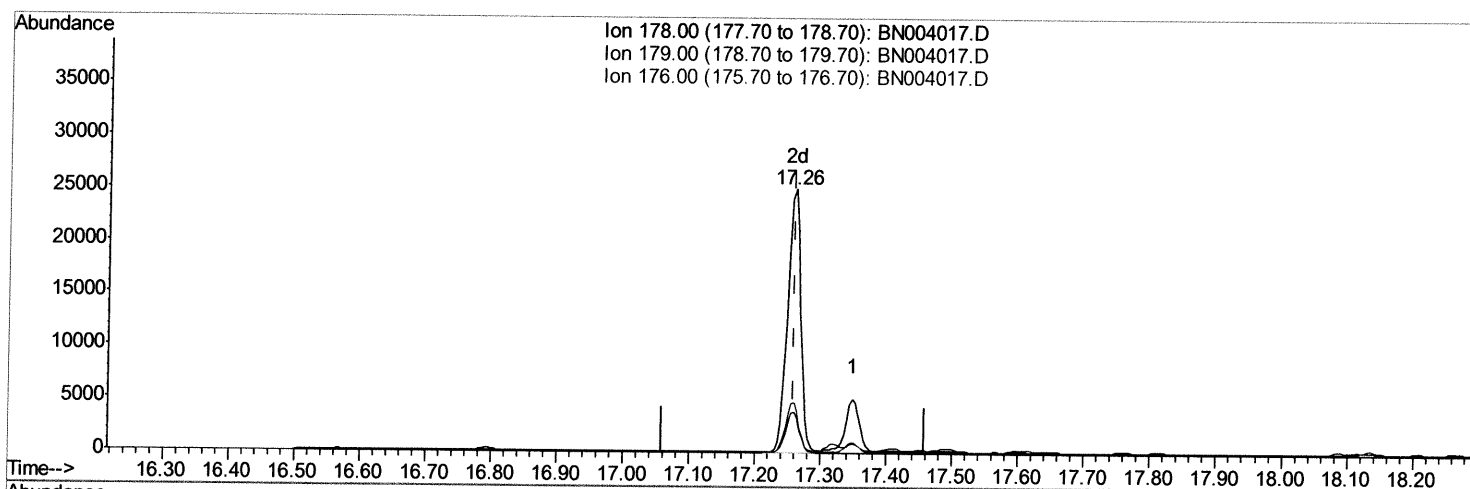
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(12) Phenanthrene

17.259min (-0.000) 0.65ng/ul m

response 34796

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.32
176.00	18.70	18.90
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

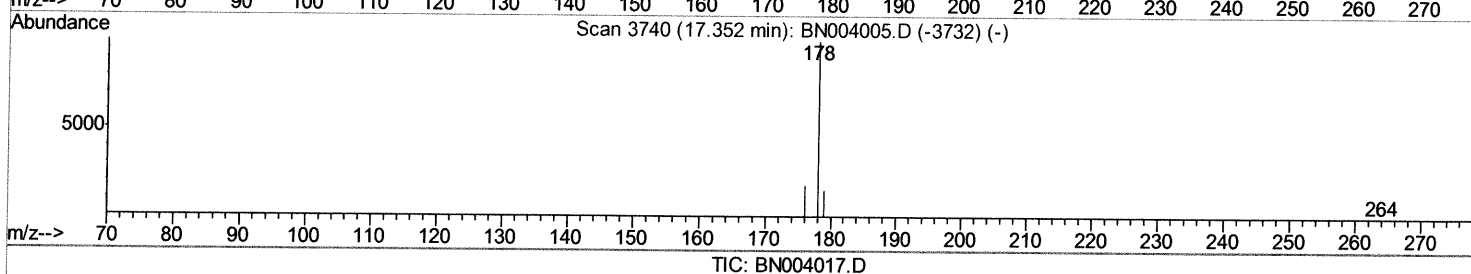
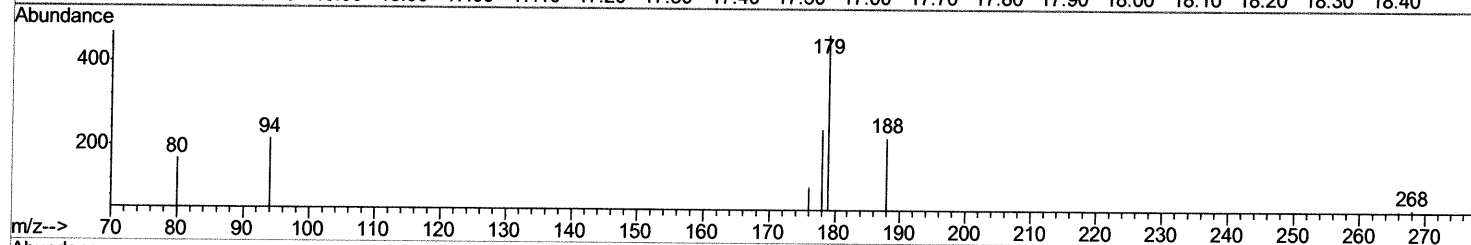
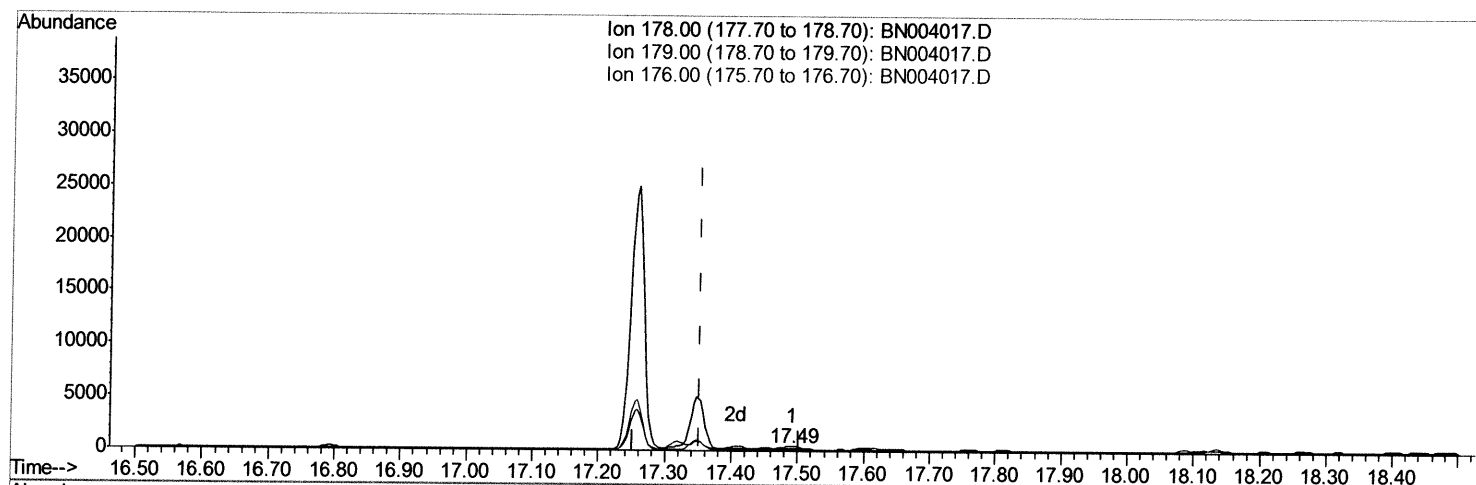
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(13) Anthracene

17.491min (+0.139) 0.01ng/ul

response 276

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	193.00#
176.00	18.50	43.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

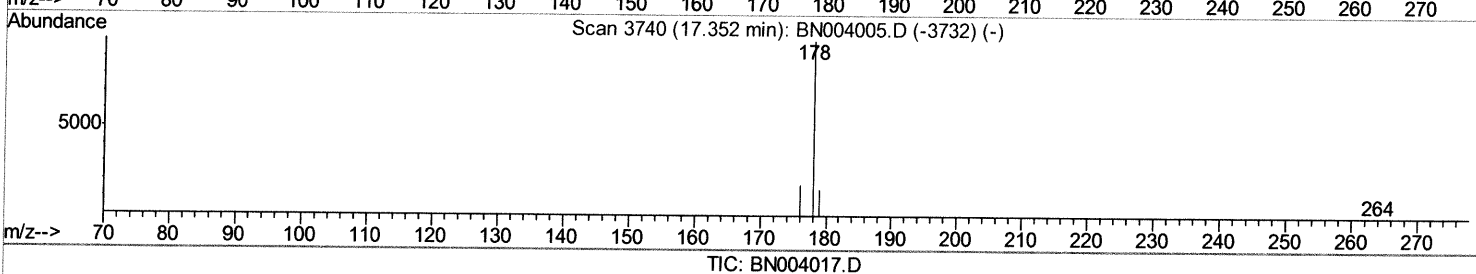
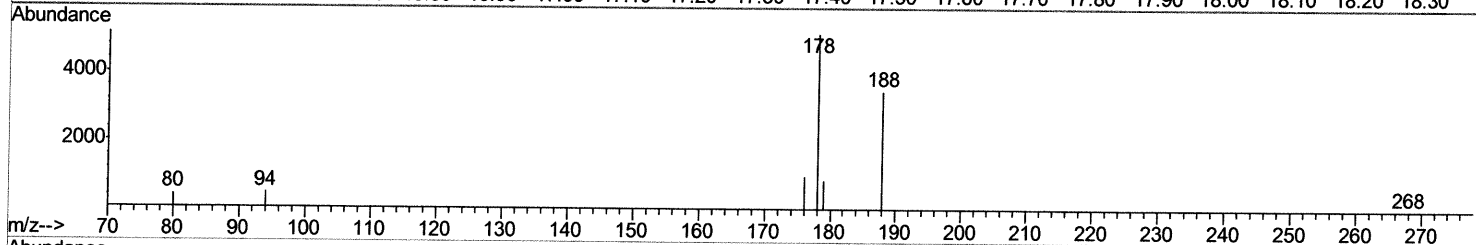
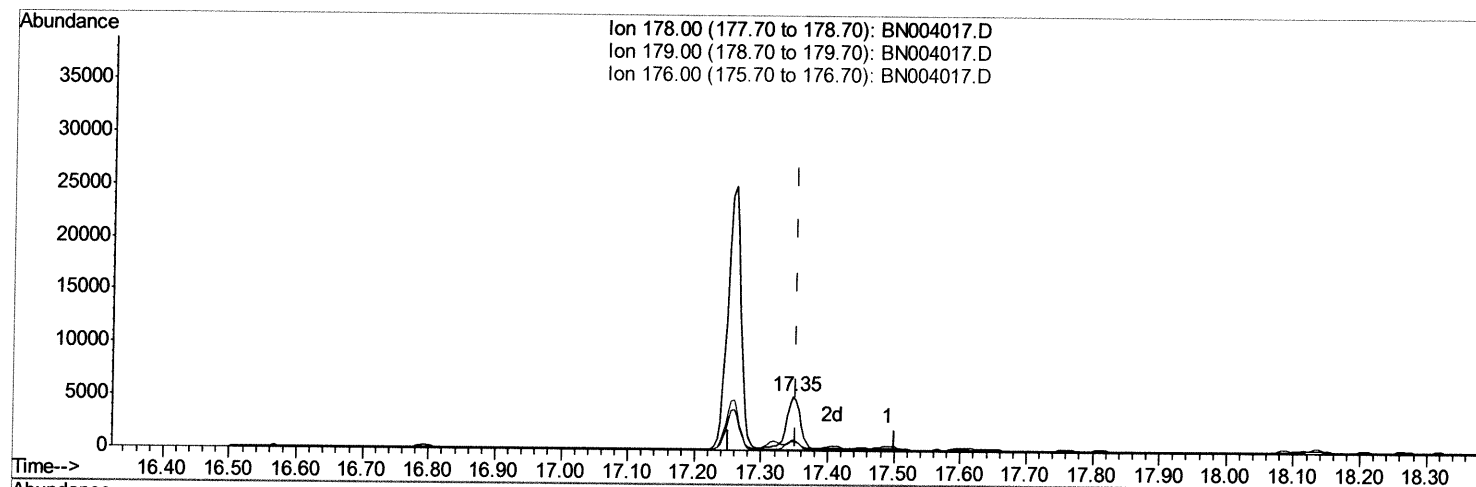
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(13) Anthracene

17.348min (-0.004) 0.16ng/ul m>

response 7098

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.40
176.00	18.50	19.48
0.00	0.00	0.00

SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

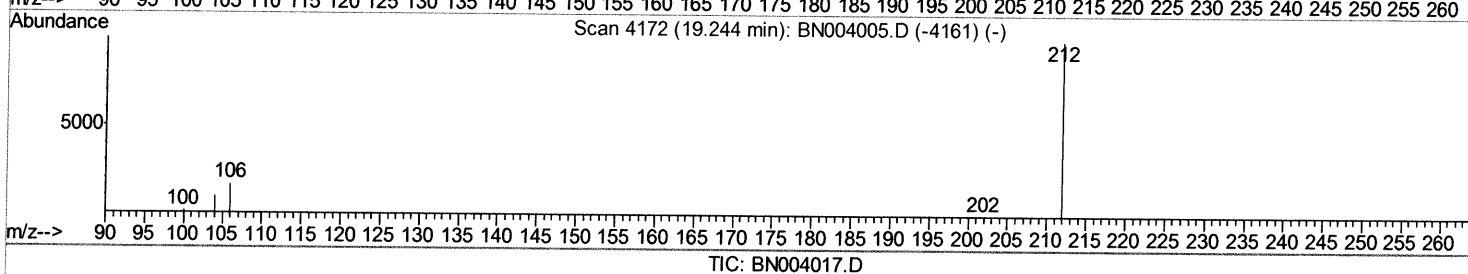
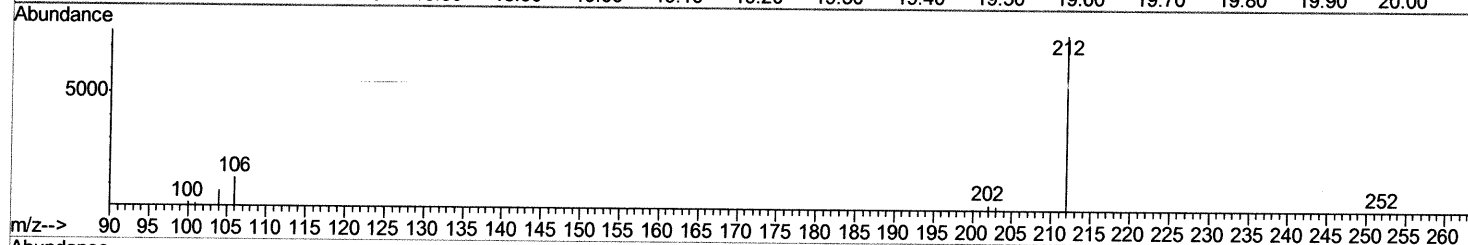
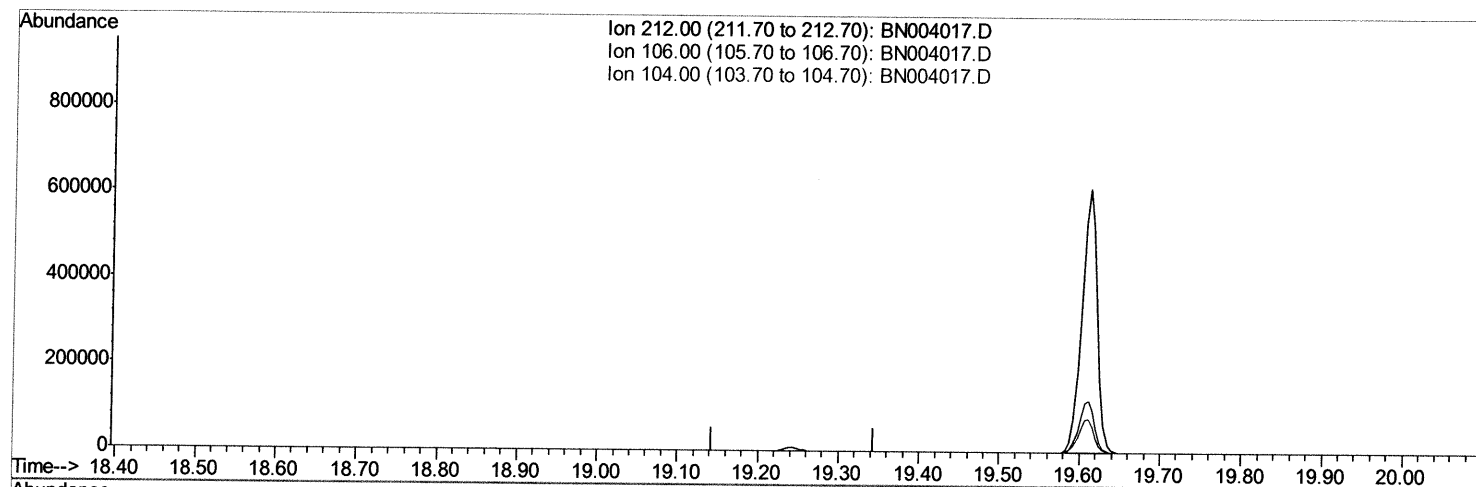
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

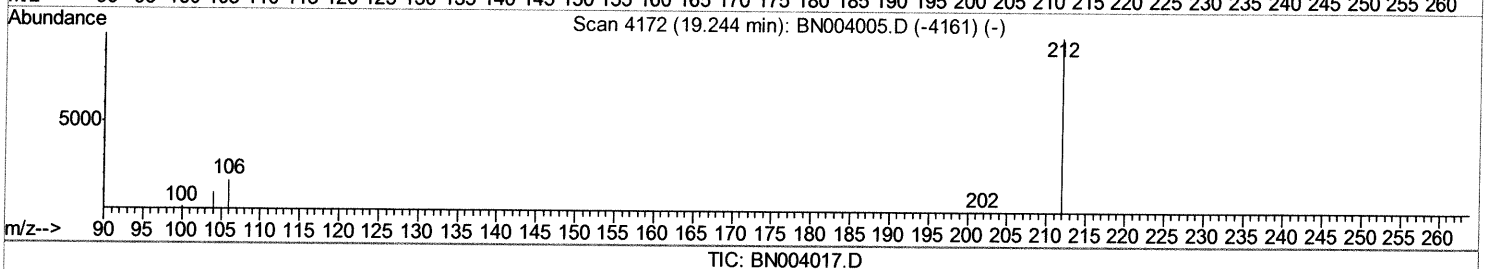
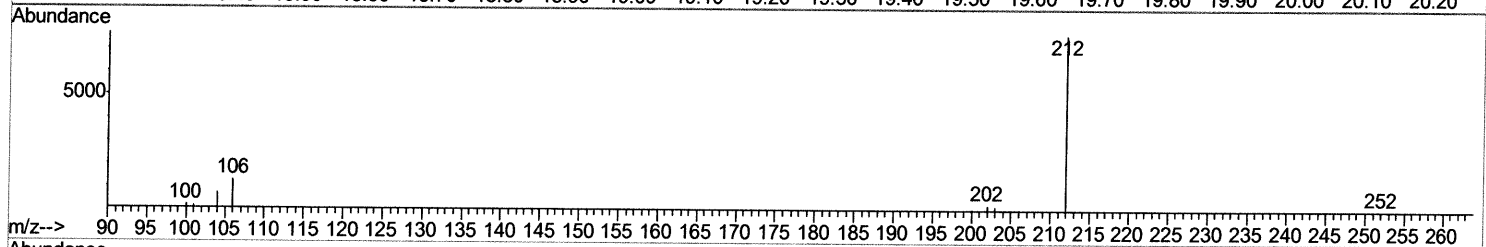
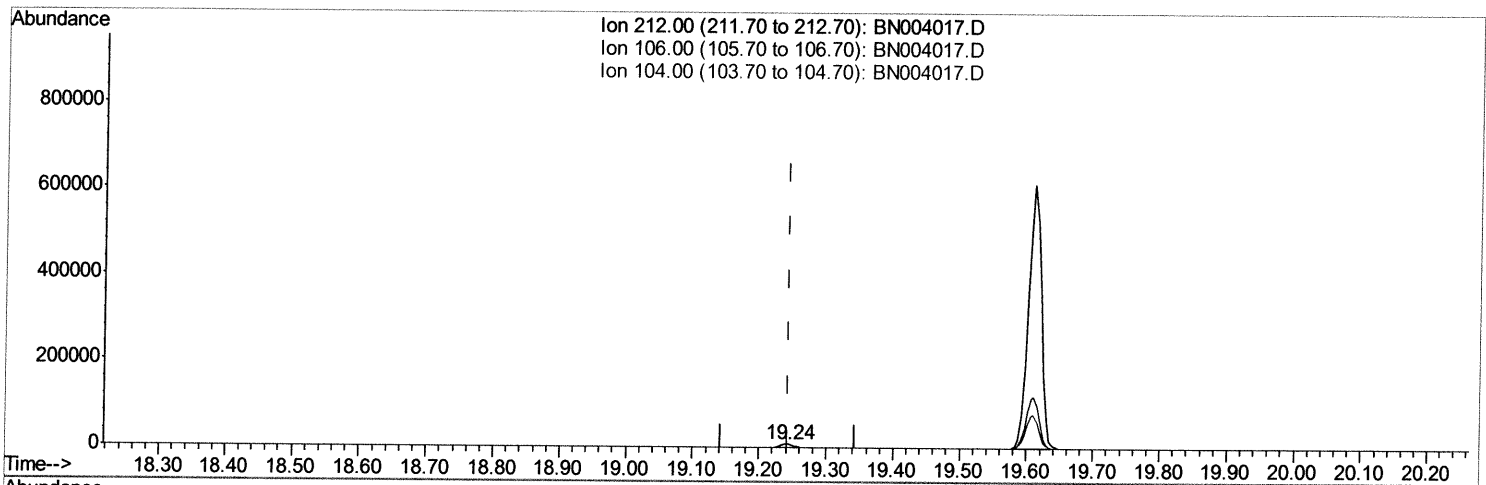
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-0.000) 0.22ng/ul m >

response 10342

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

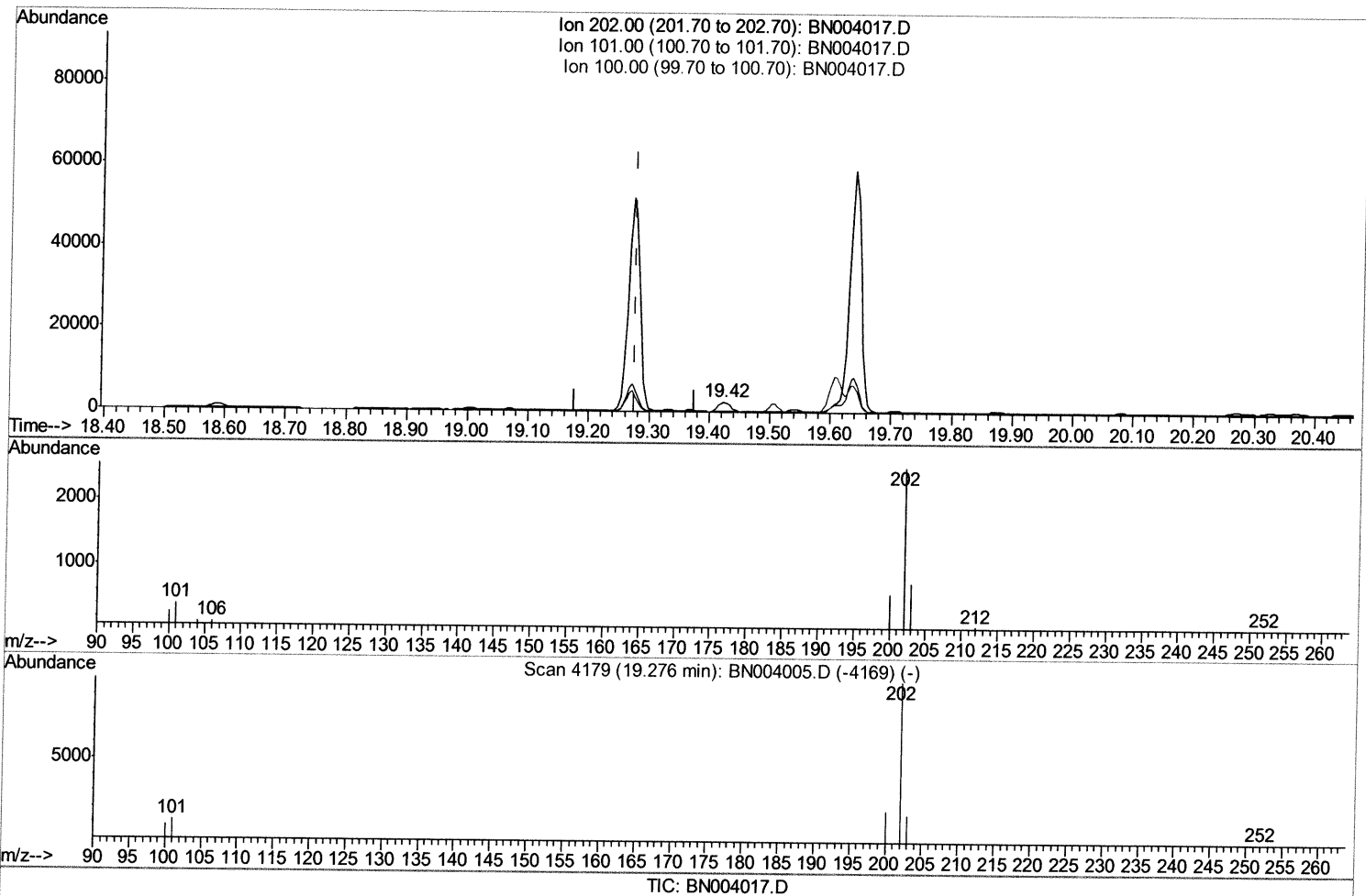
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.425min (+0.149) 0.05ng/ul

response 3188

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.59
100.00	8.10	11.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

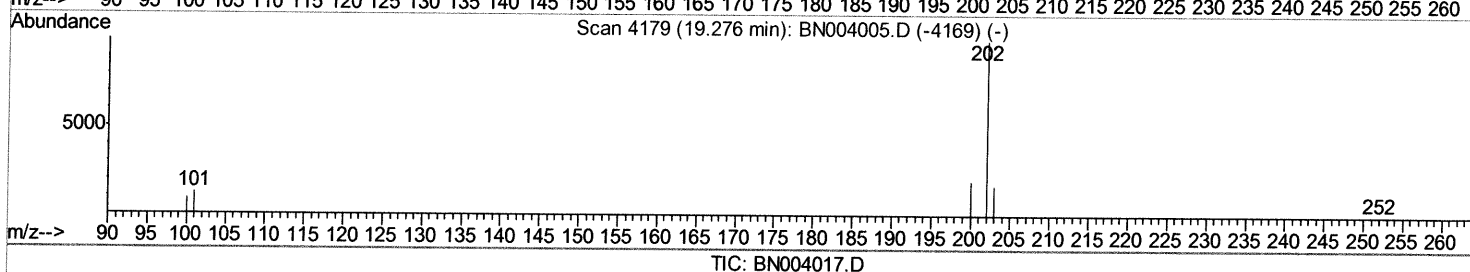
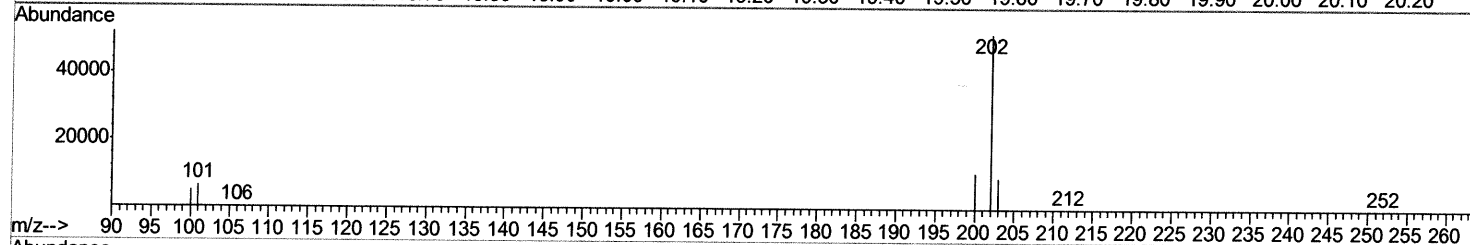
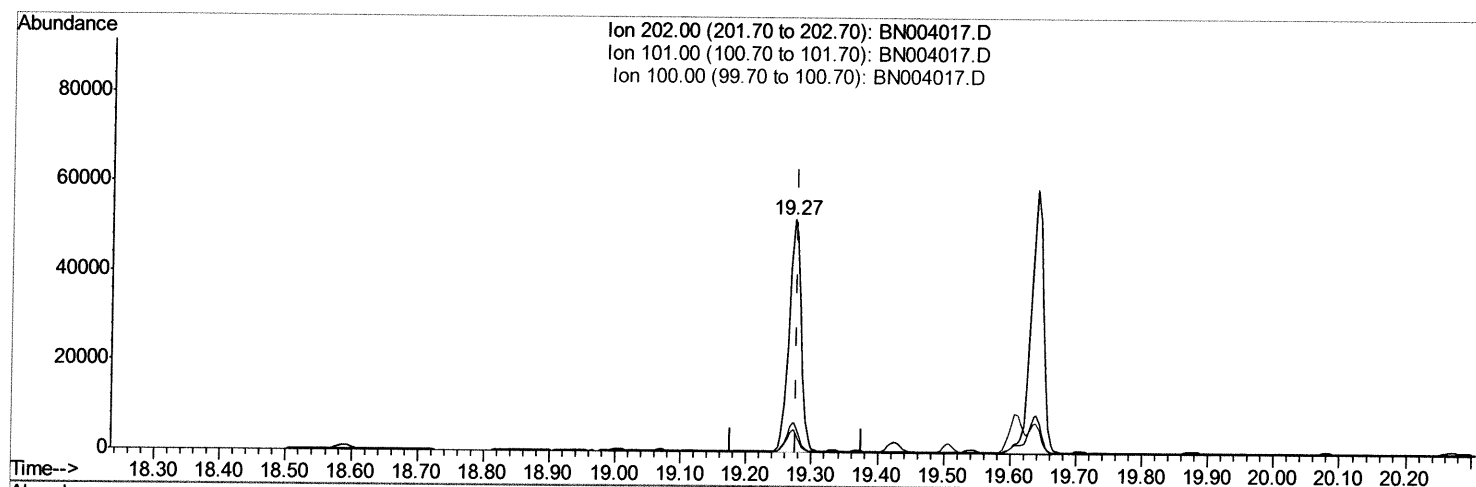
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (-0.005) 1.07ng/ul m

response 67688

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.78
100.00	8.10	9.59
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

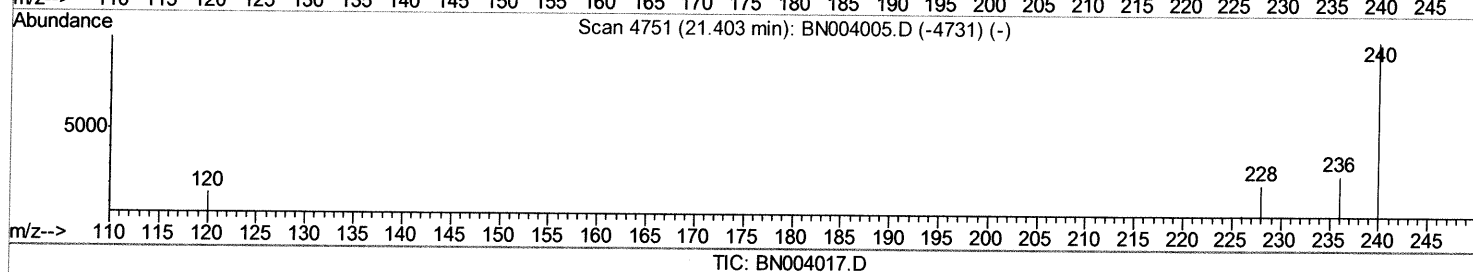
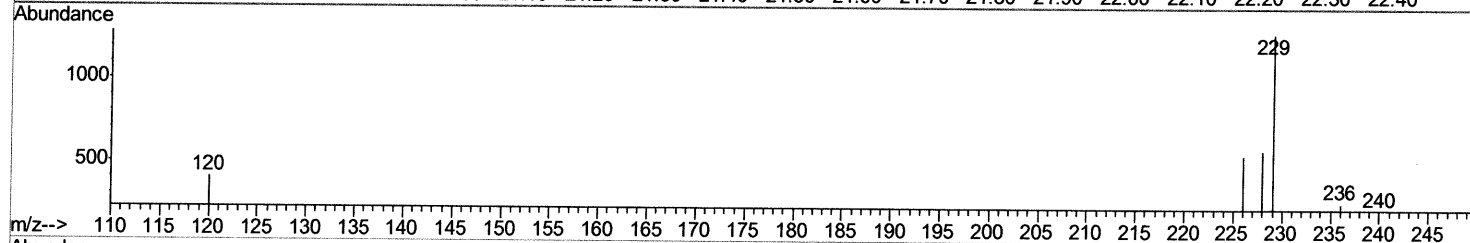
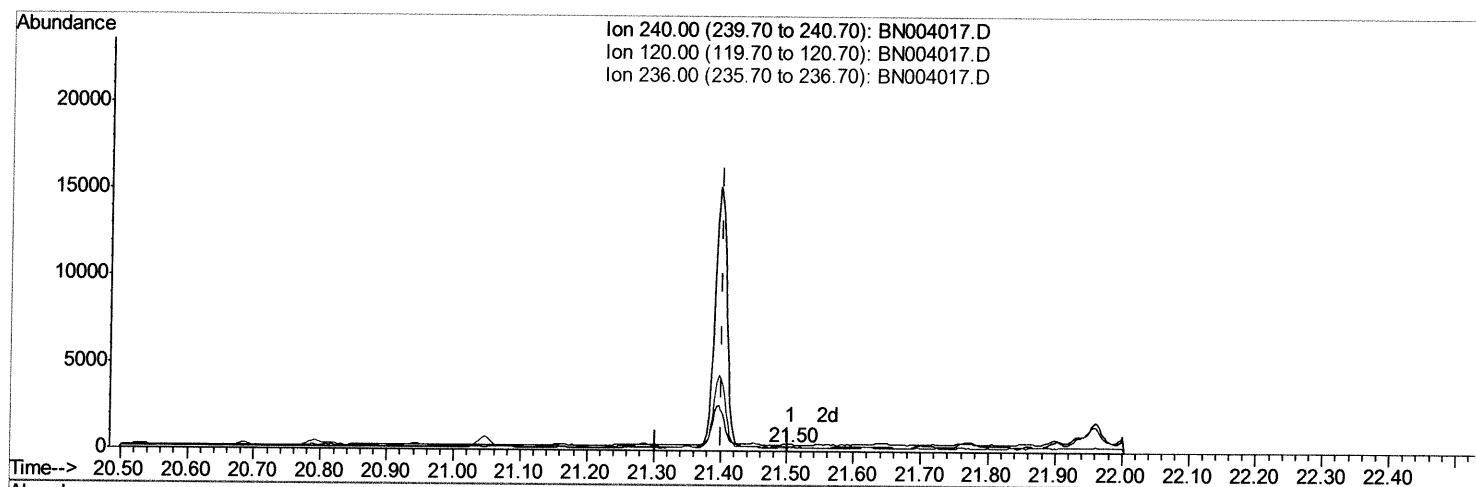
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.505min (+0.102) 0.40ng/ul

response 36

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	183.11#
236.00	27.60	117.35#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

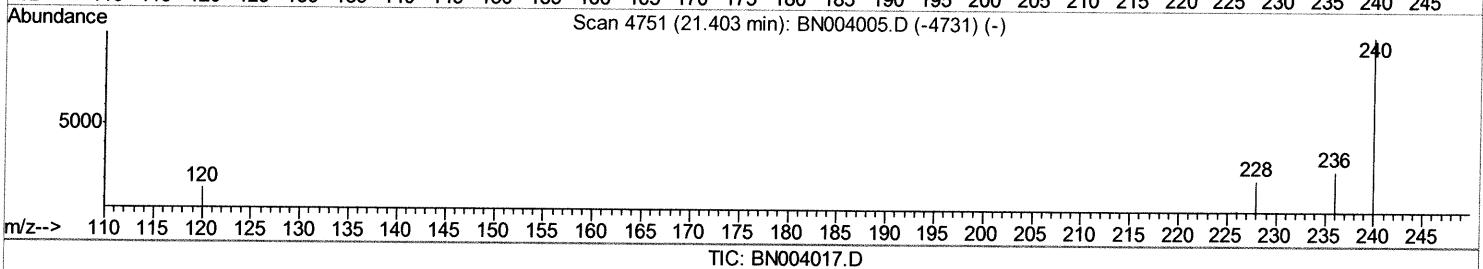
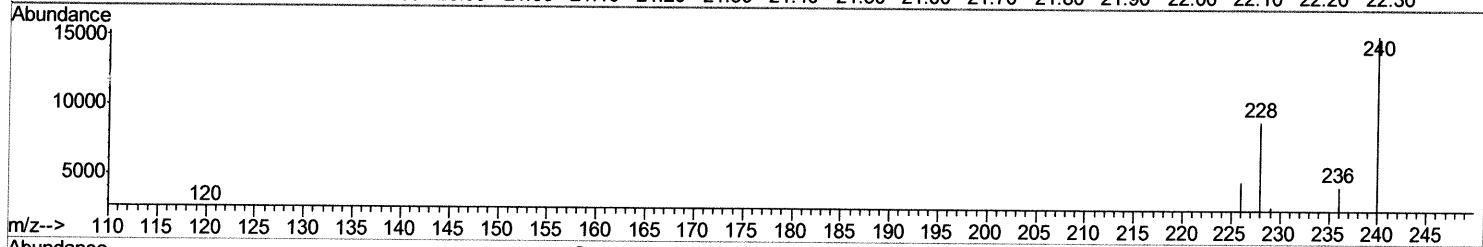
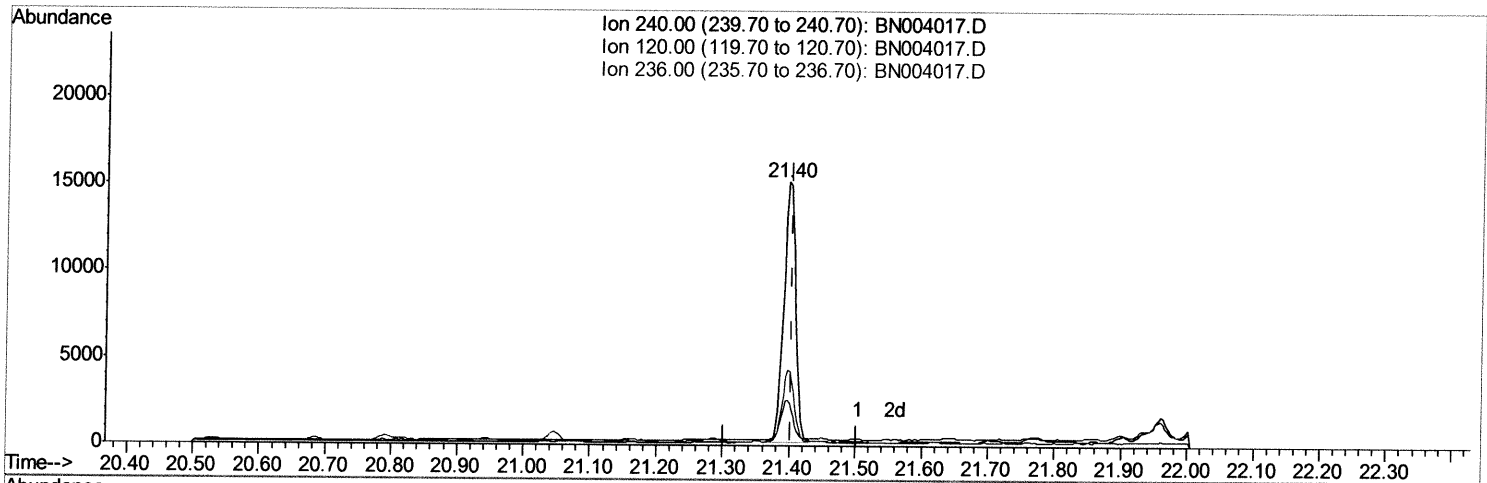
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:38:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.397min (-0.006) 0.40ng/ul m

response 18740

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	17.28#
236.00	27.60	28.68
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

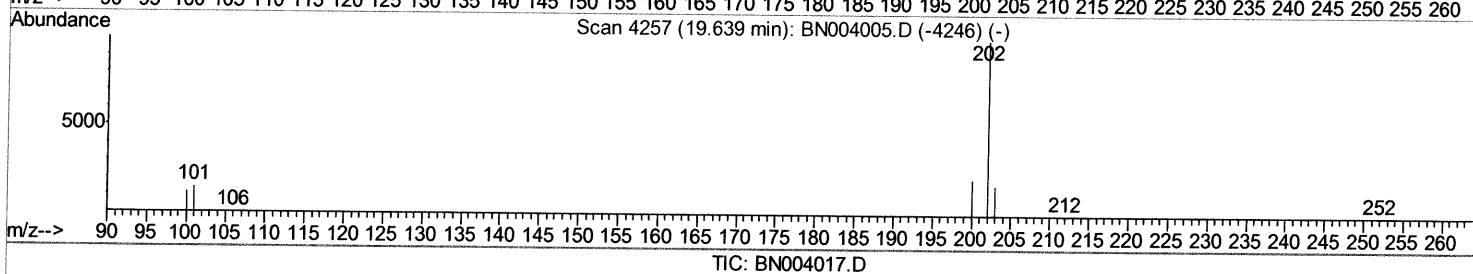
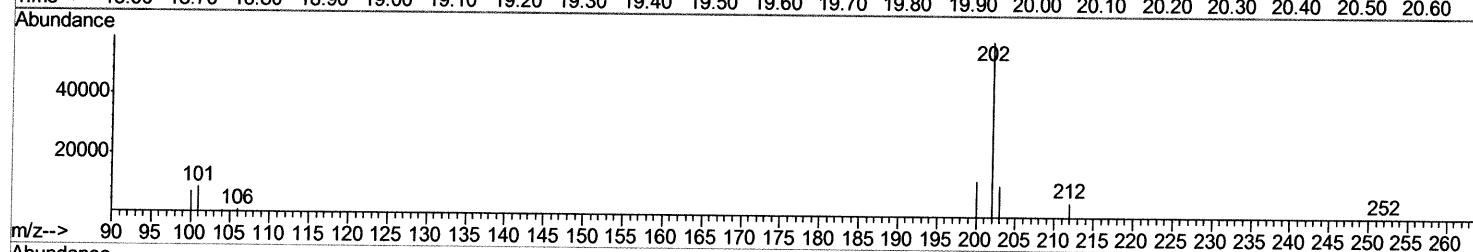
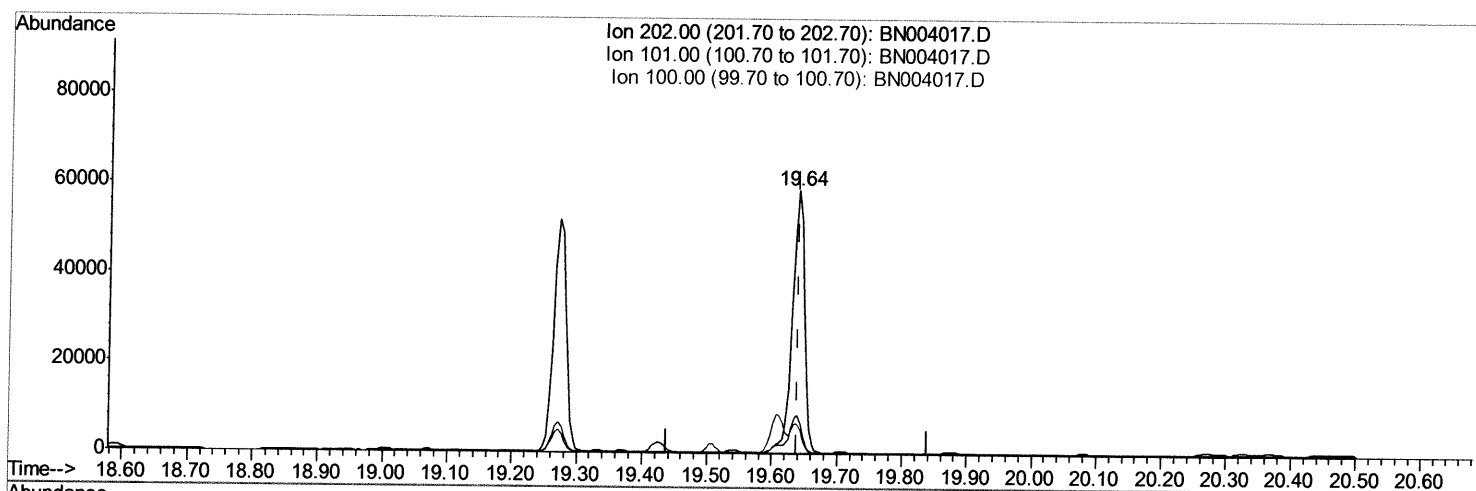
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(17) Pyrene

19.639min (-0.000) 1.15ng/ul

response 77626

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.43
100.00	10.60	11.57
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

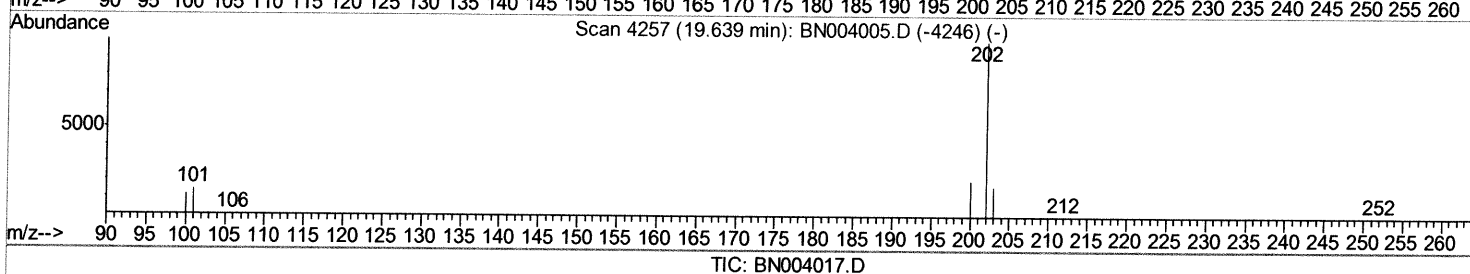
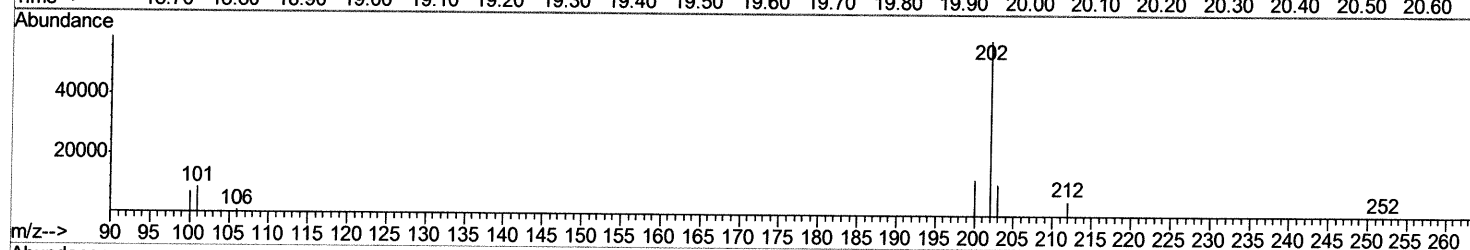
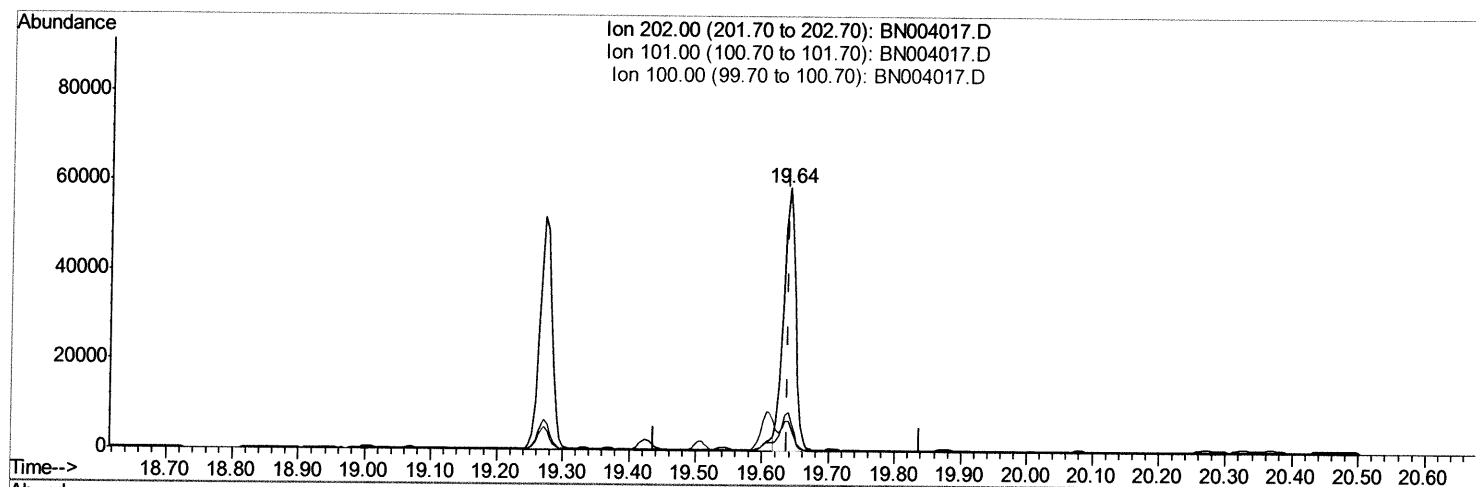
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(17) Pyrene

19.639min (-0.000) 1.12ng/ul m

response 75125

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.43
100.00	10.60	11.57
0.00	0.00	0.00

> 55
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

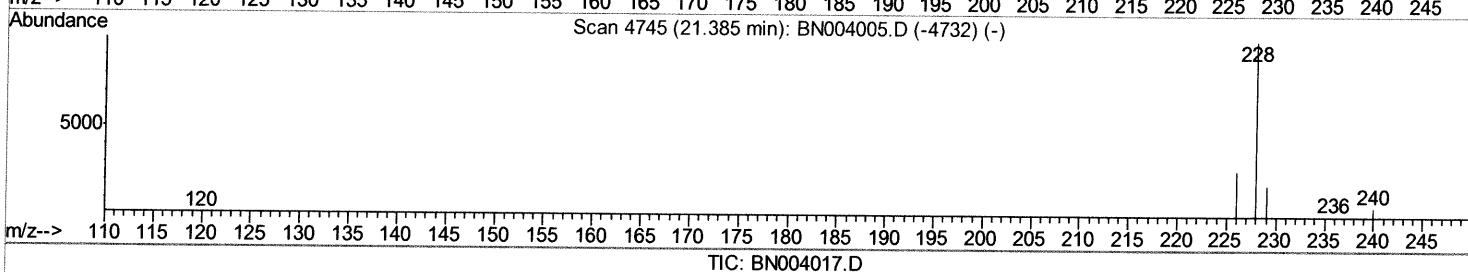
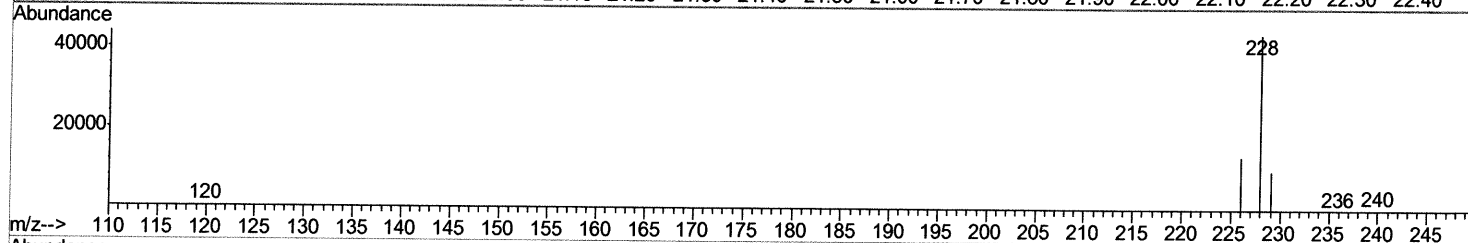
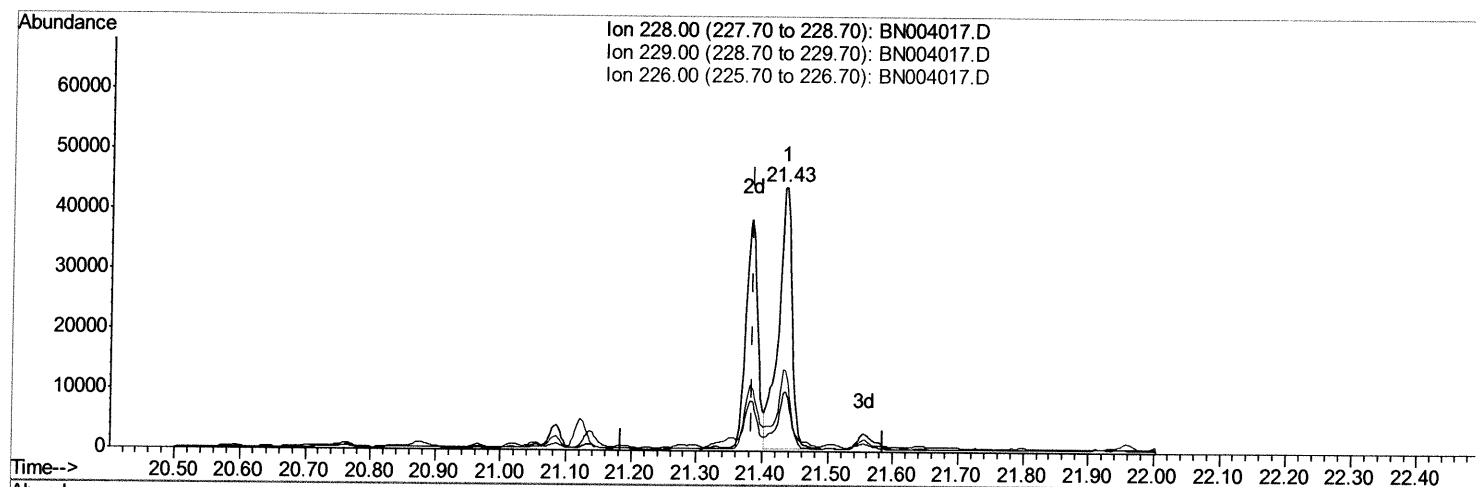
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.435min (+0.050) 1.05ng/ul
response 61960

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.58
226.00	26.40	30.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

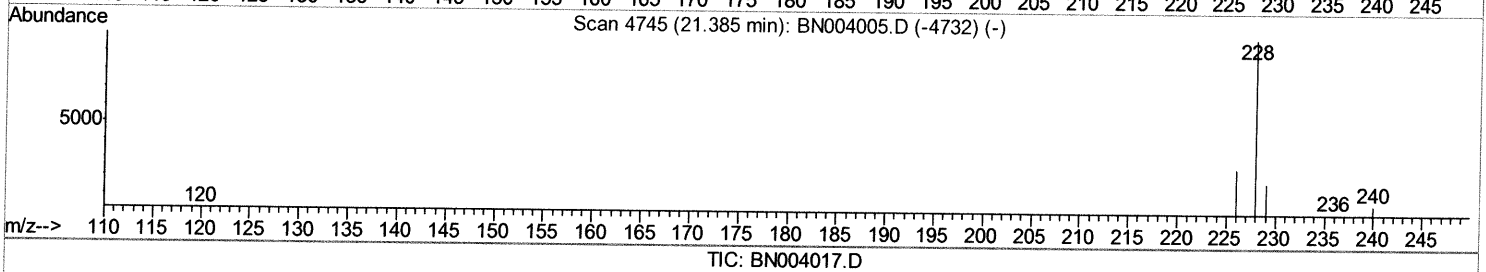
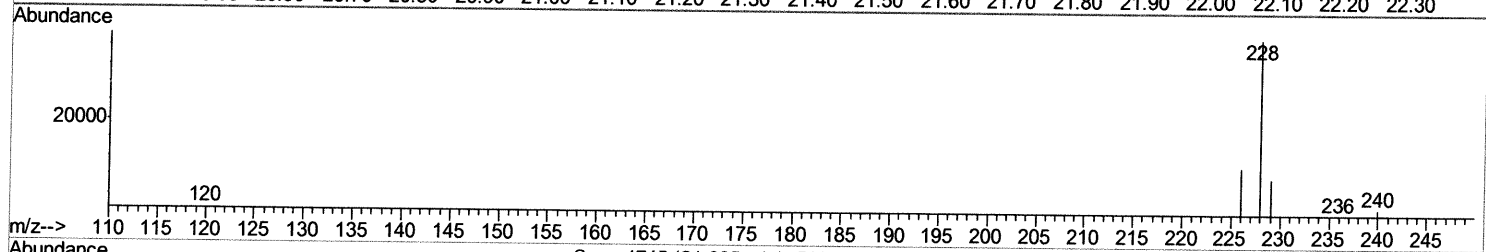
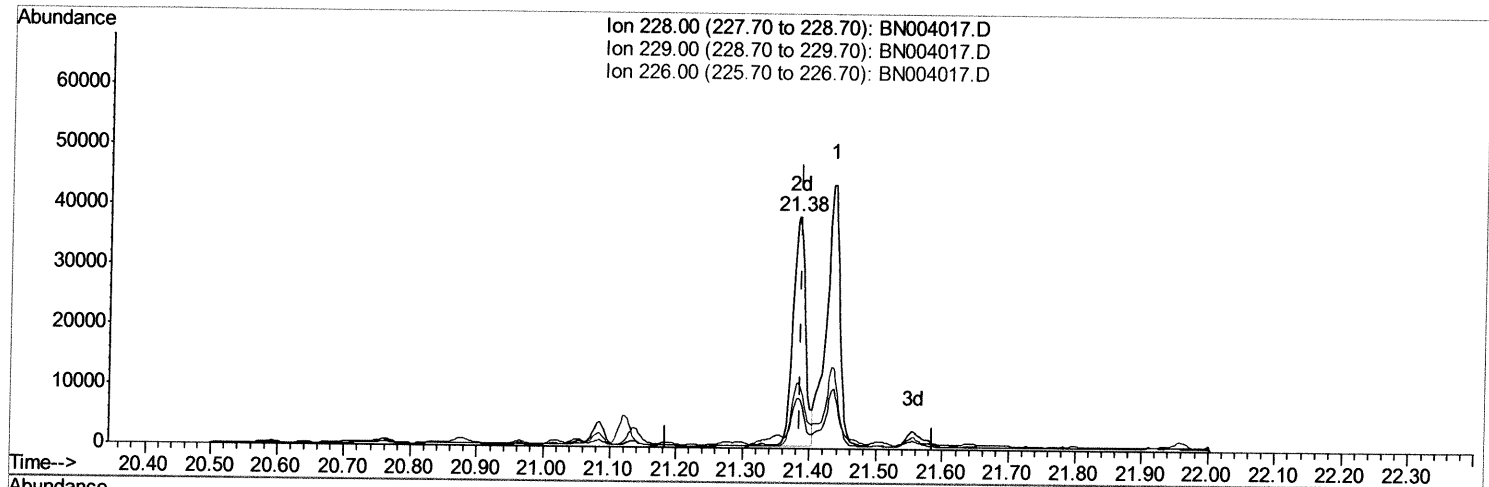
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.382min (-0.003) 0.82ng/ul m

response 48254

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.92
226.00	26.40	28.29
0.00	0.00	0.00

> 55
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

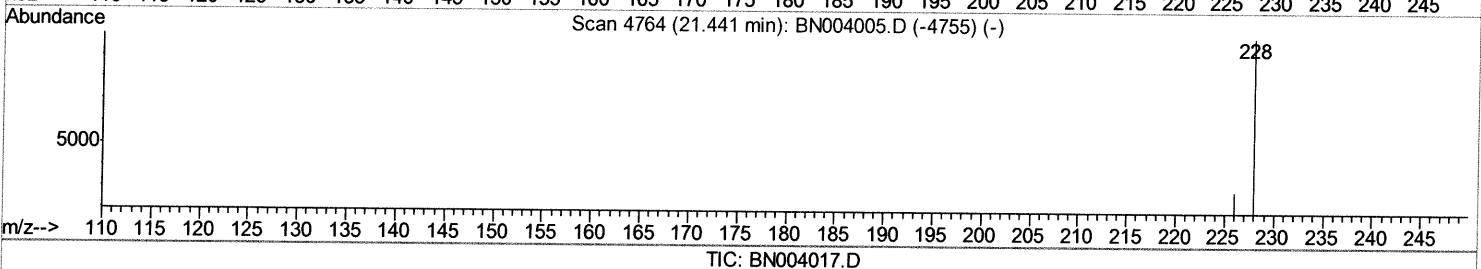
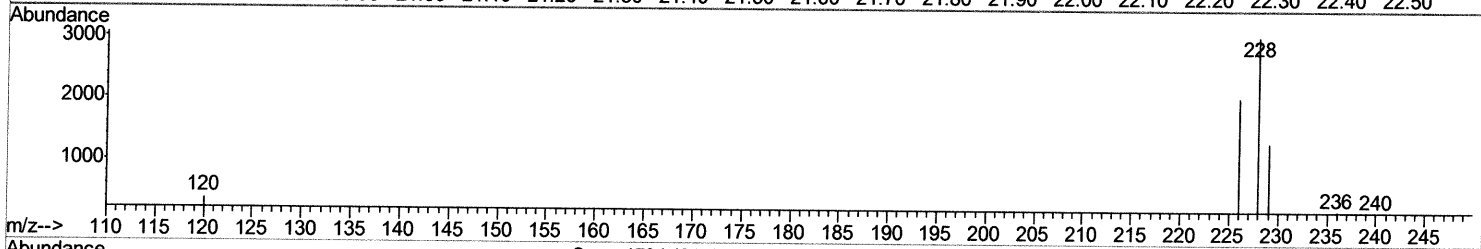
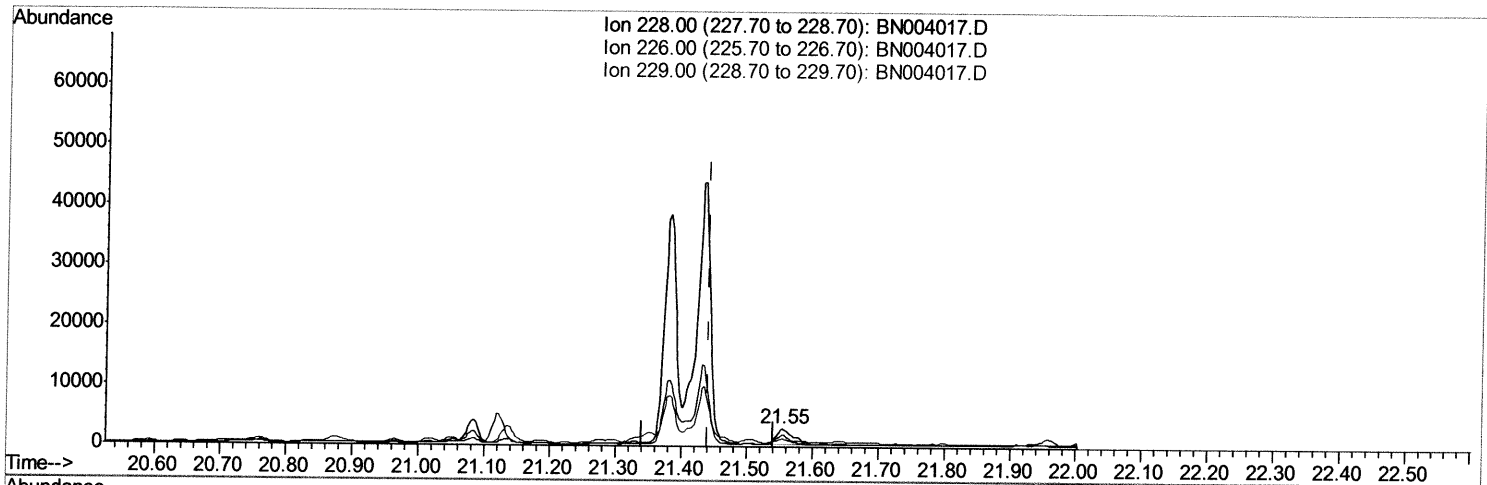
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(19) Chrysene

21.554min (+0.114) 0.07ng/ul

response 4712

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	67.64#
229.00	19.60	43.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

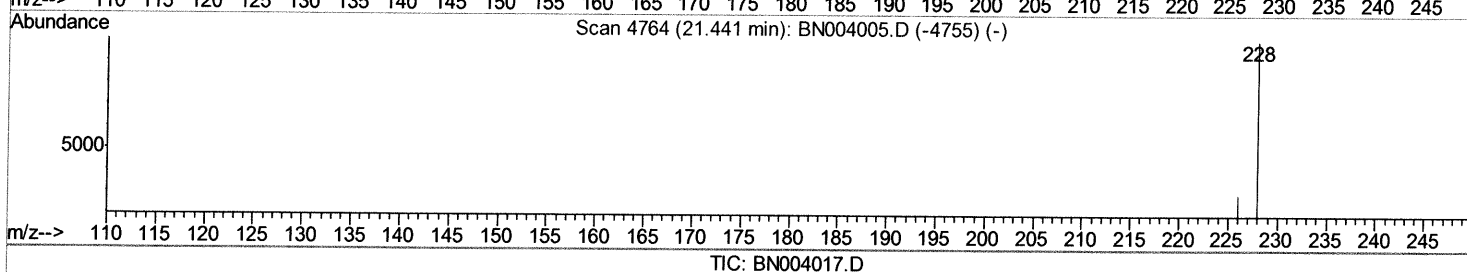
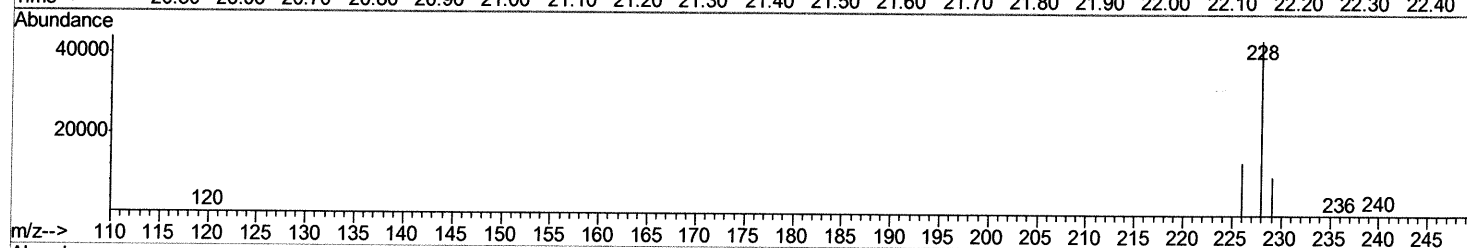
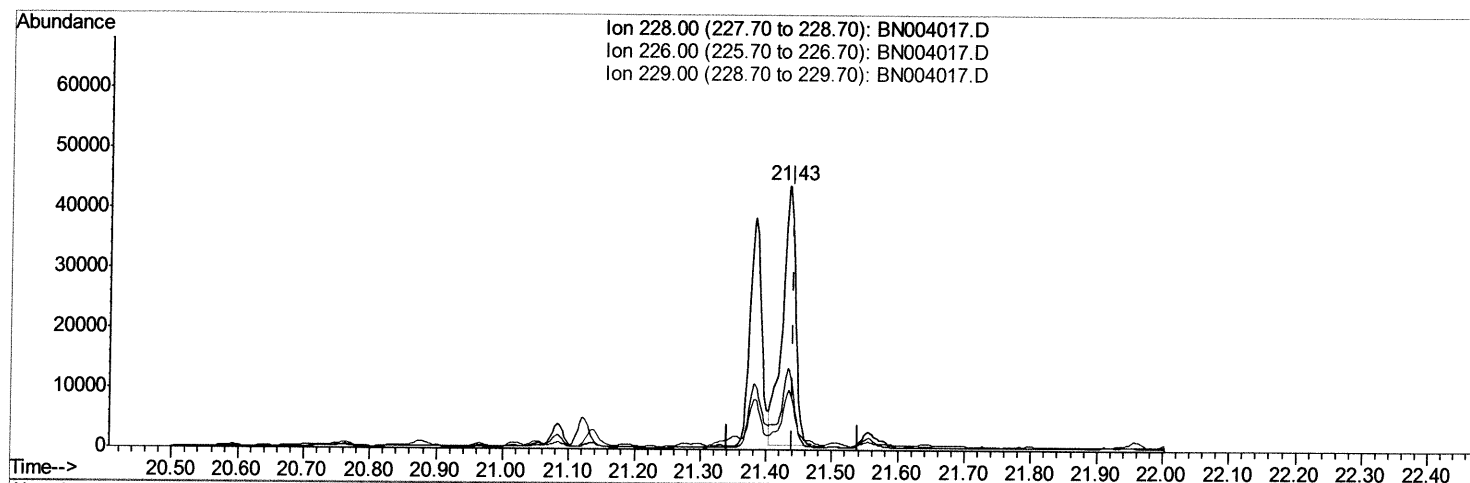
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(19) Chrysene

21.435min (-0.006) 0.90ng/ul m

response 60942

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.28
229.00	19.60	22.58
0.00	0.00	0.00

> 55
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

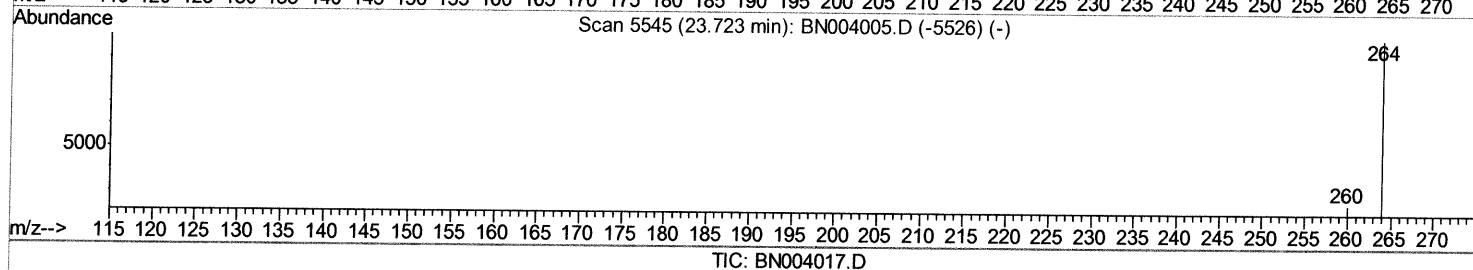
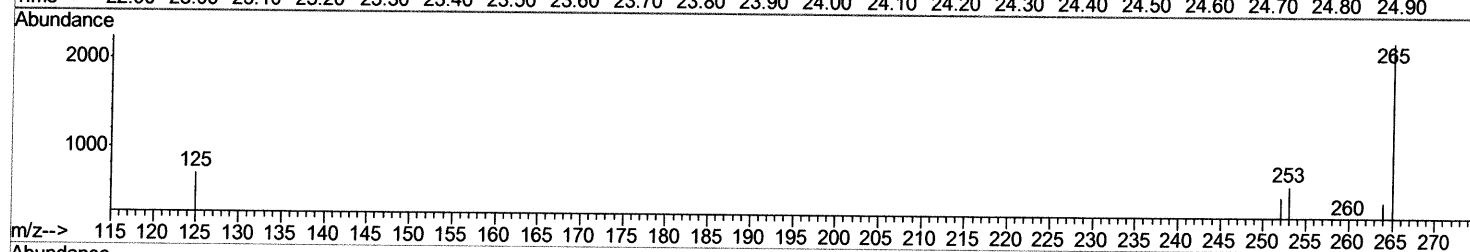
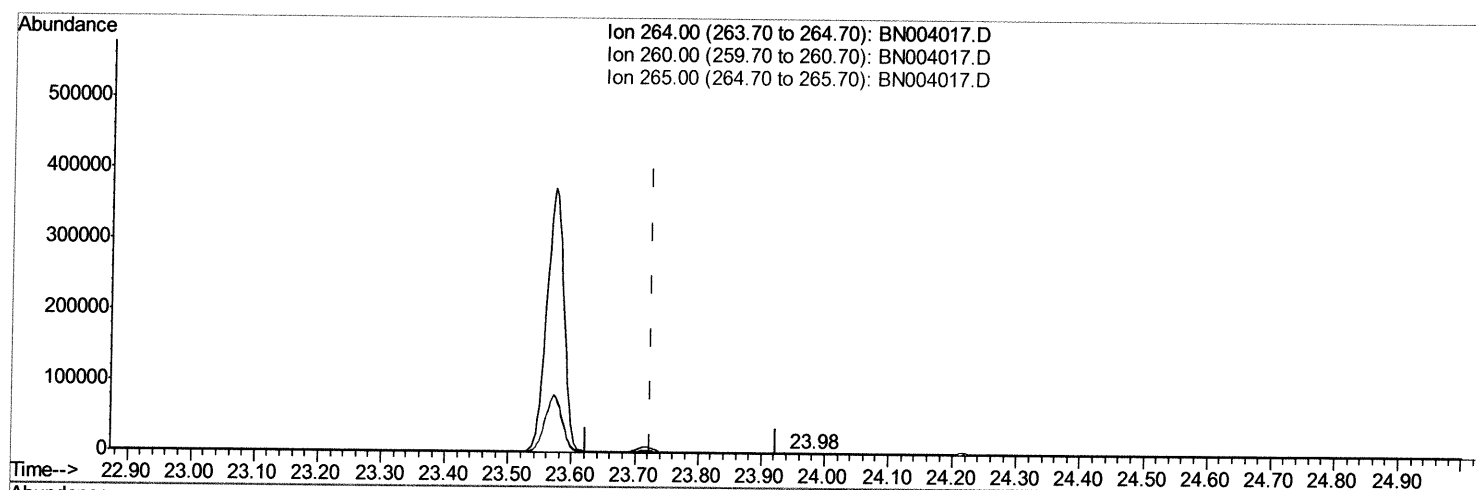
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.981min (+0.257) 0.40ng/ul

response 508

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	59.59#
265.00	33.50	513.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

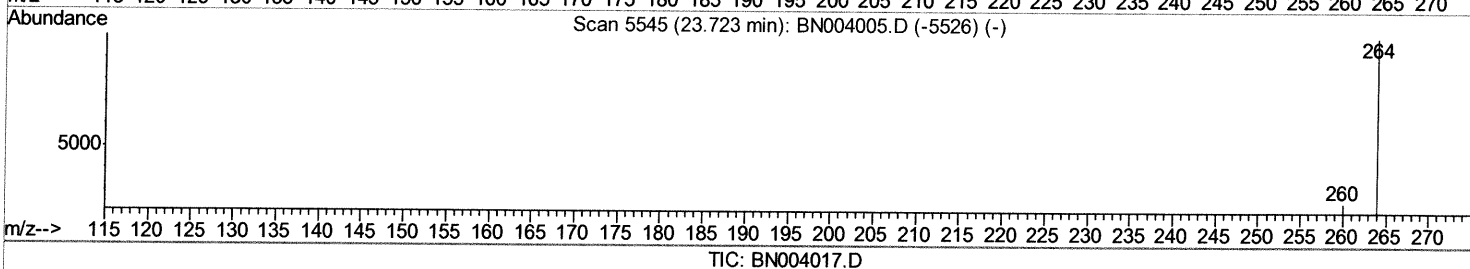
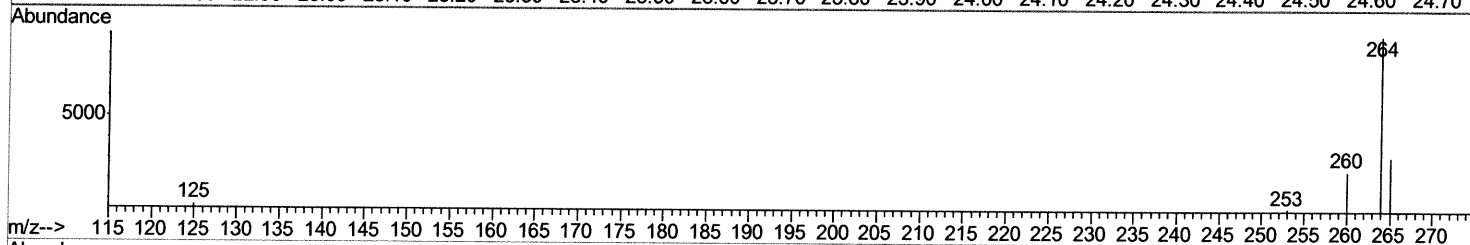
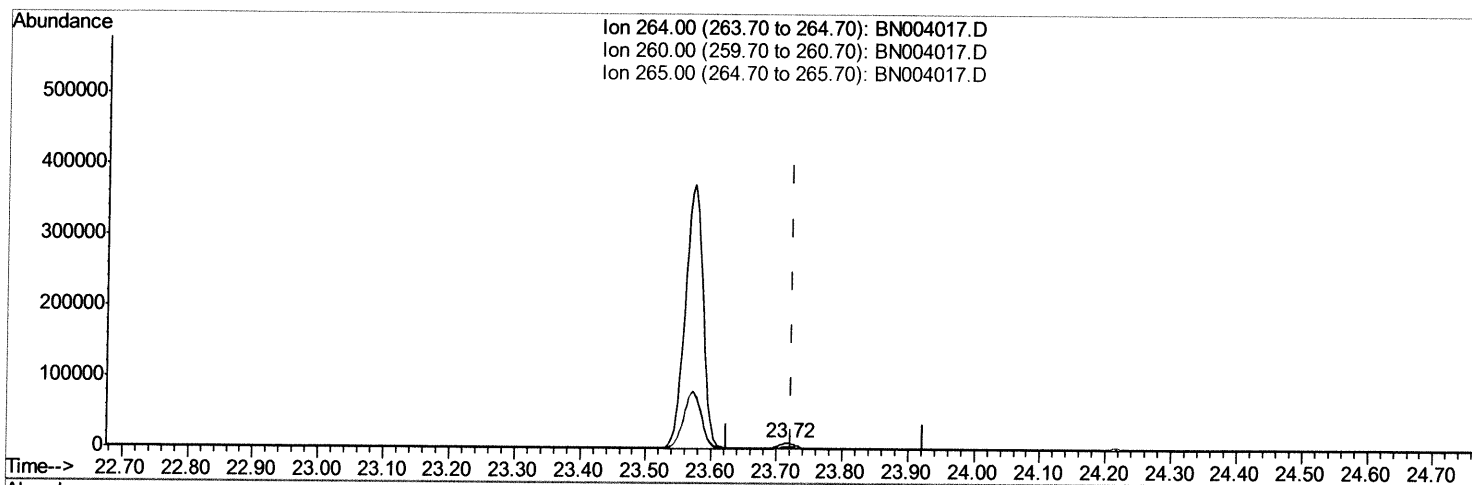
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(20) Perylene-d12 (I)

23.718min (-0.006) 0.40ng/ul m

response 16773

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.40
265.00	33.50	34.97
0.00	0.00	0.00

> $\frac{SJ}{12/17/18}$

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

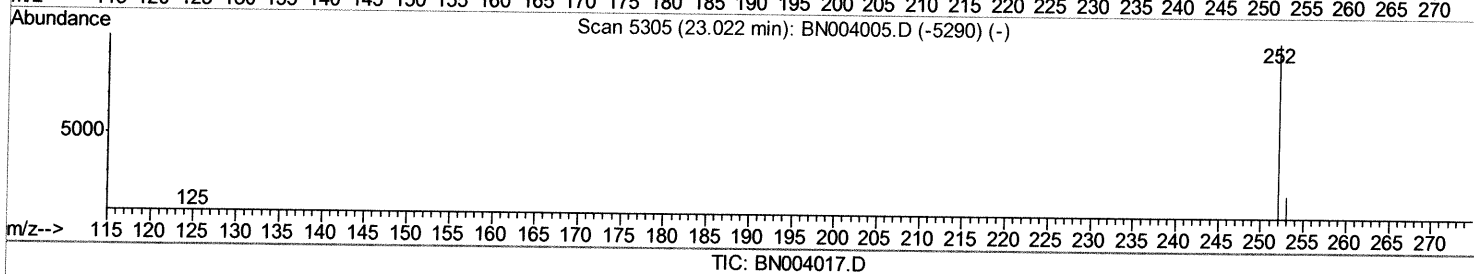
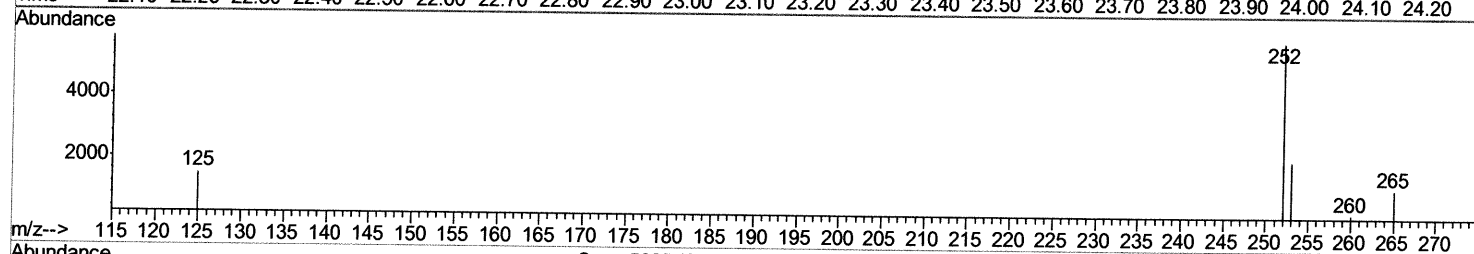
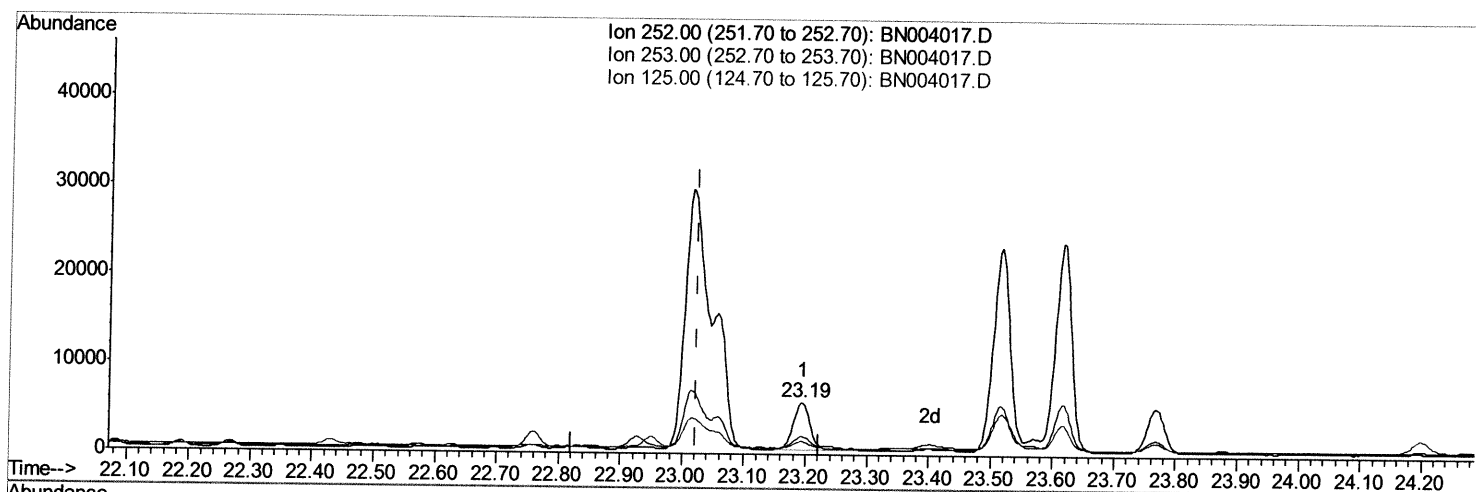
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.194min (+0.172) 0.15ng/ul

response 10150

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	34.60
125.00	11.20	24.97#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

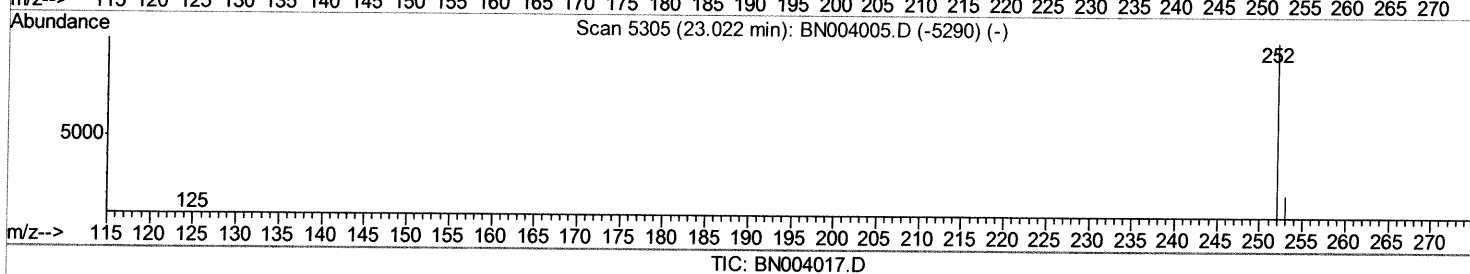
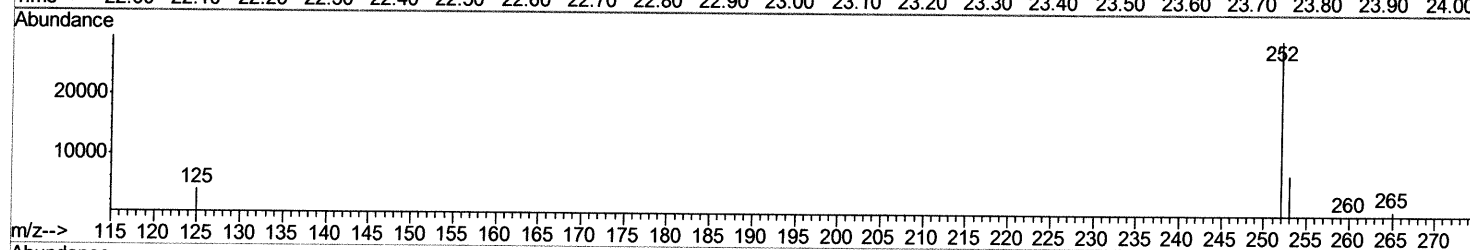
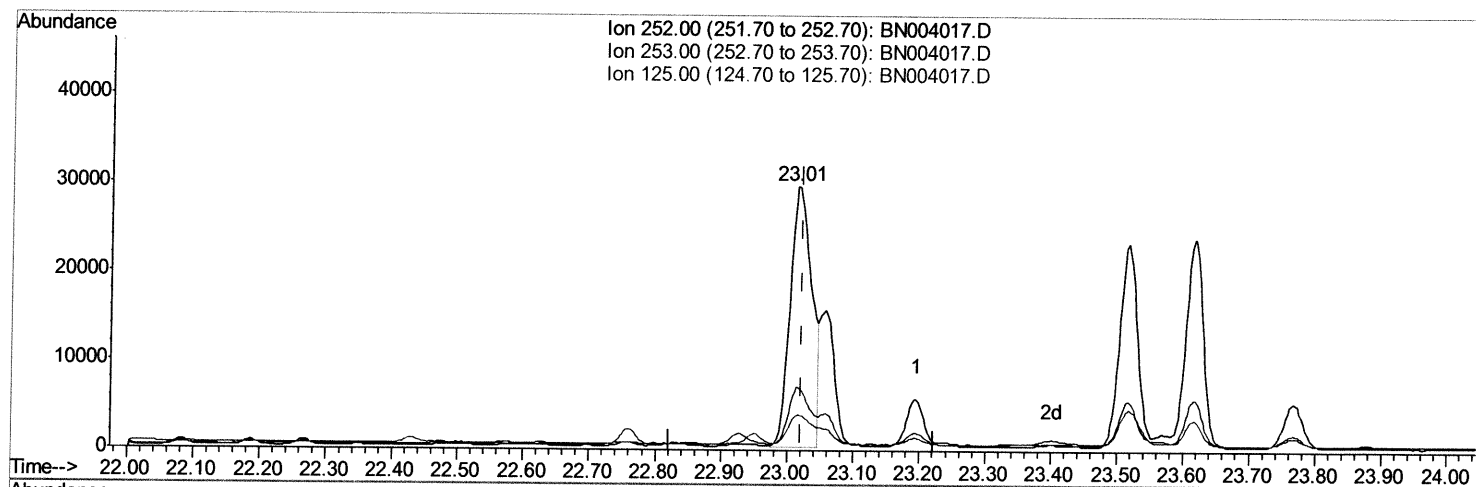
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.013min (-0.009) 0.95ng/ul m

response 65927

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	23.88
125.00	11.20	13.39
0.00	0.00	0.00

JJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

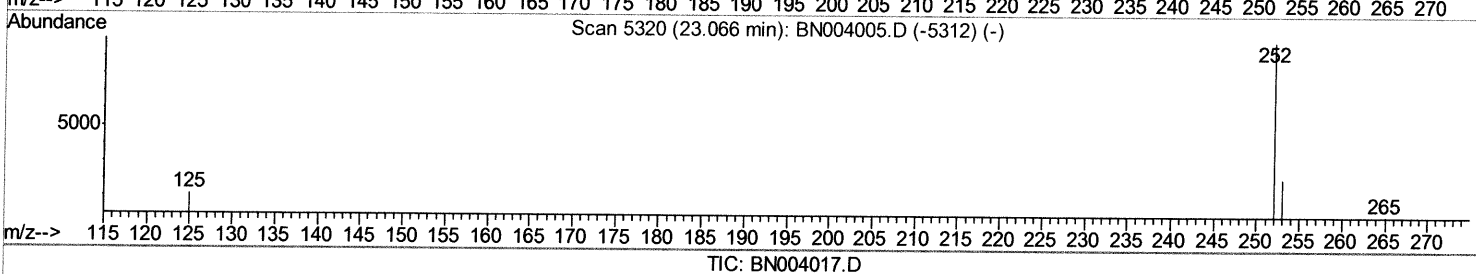
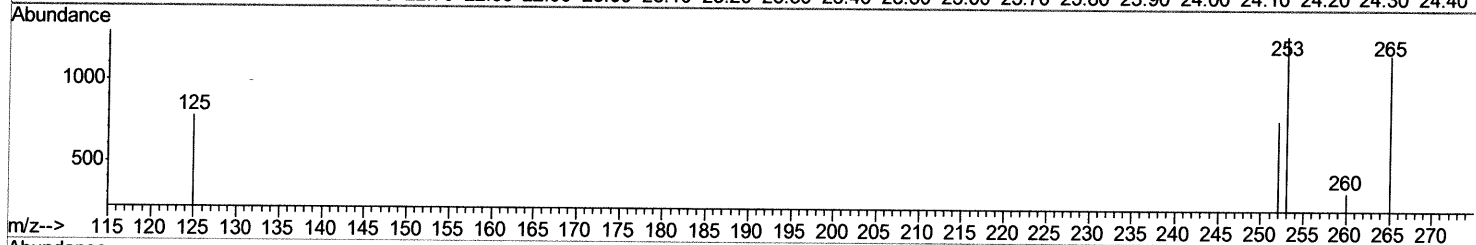
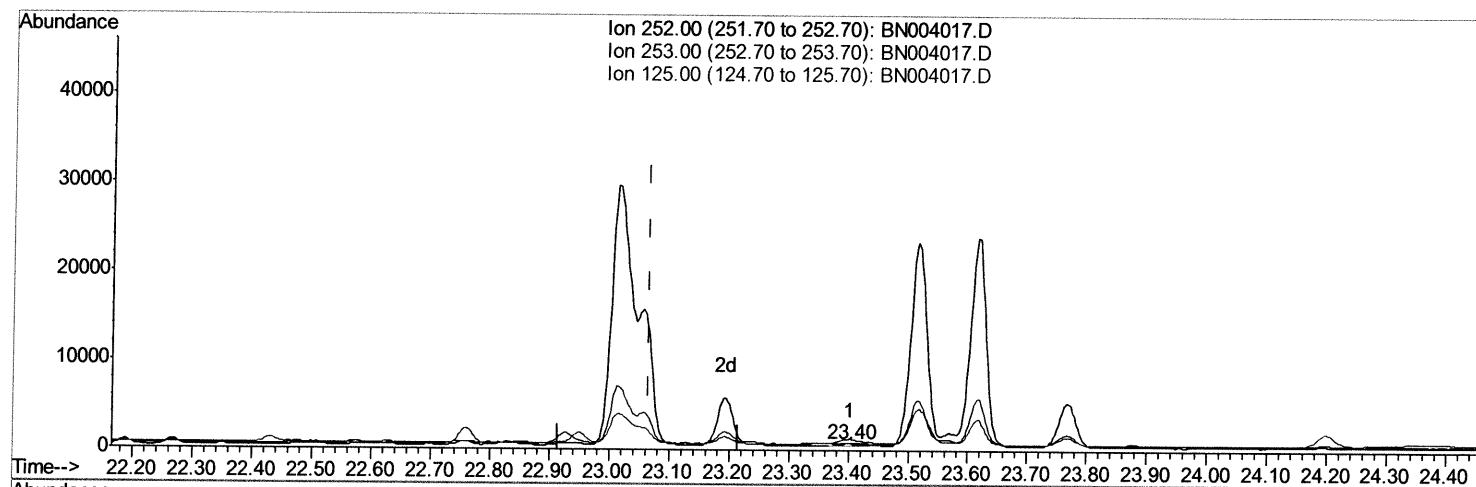
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.402min (+0.336) 0.01ng/ul

response 664

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	167.44#
125.00	11.30	100.39#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

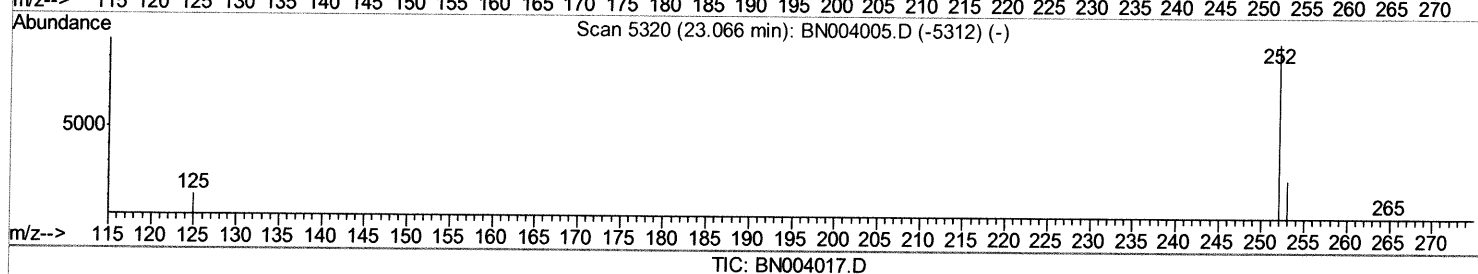
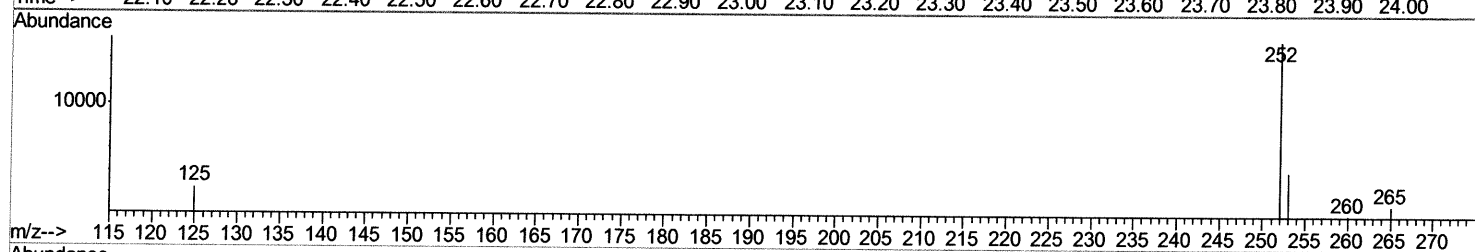
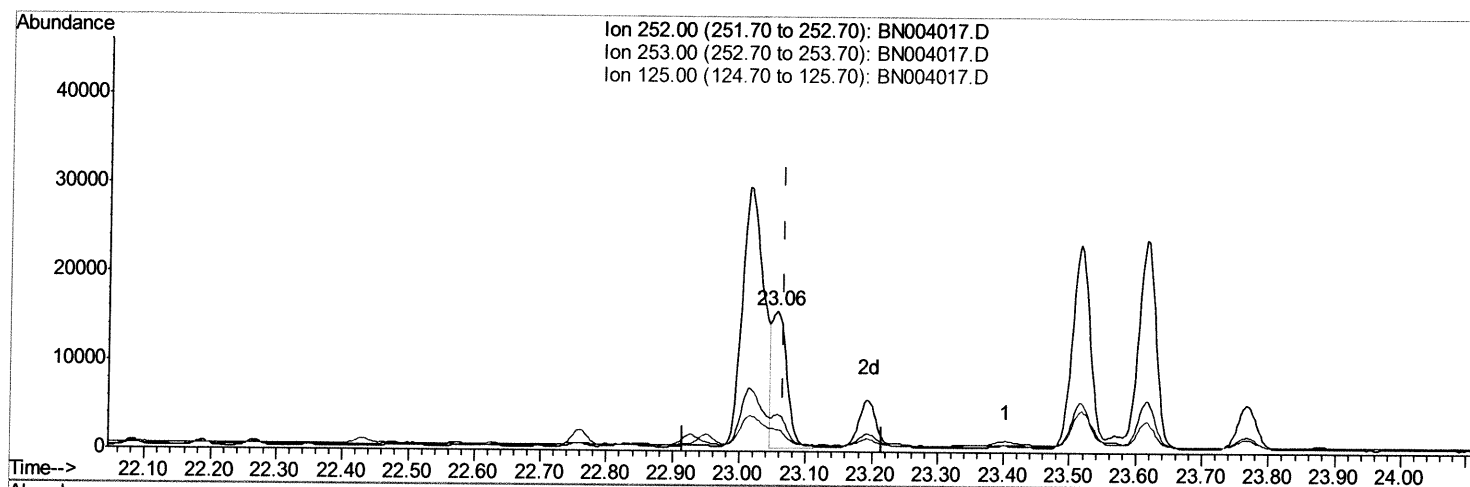
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.057min (-0.009) 0.36ng/ul m

response 24348

Ion Exp% Act%

252.00 100 100

253.00 23.10 26.17

125.00 11.30 15.62#

0.00 0.00 0.00

> $\frac{25}{12/17/18}$

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

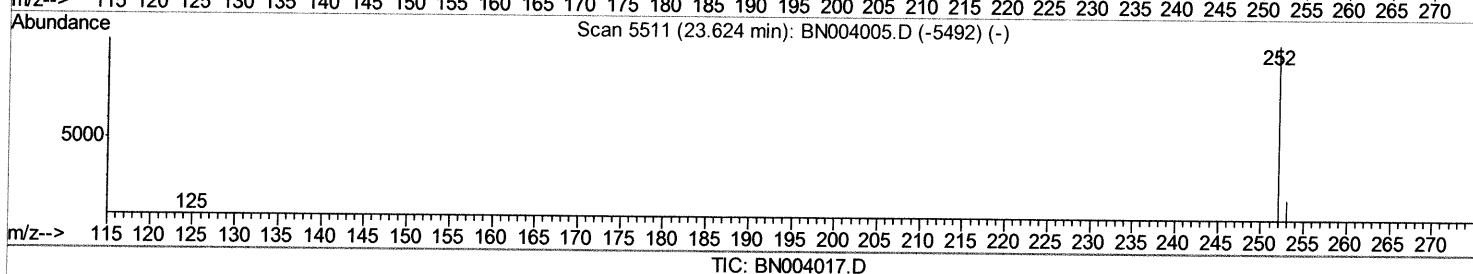
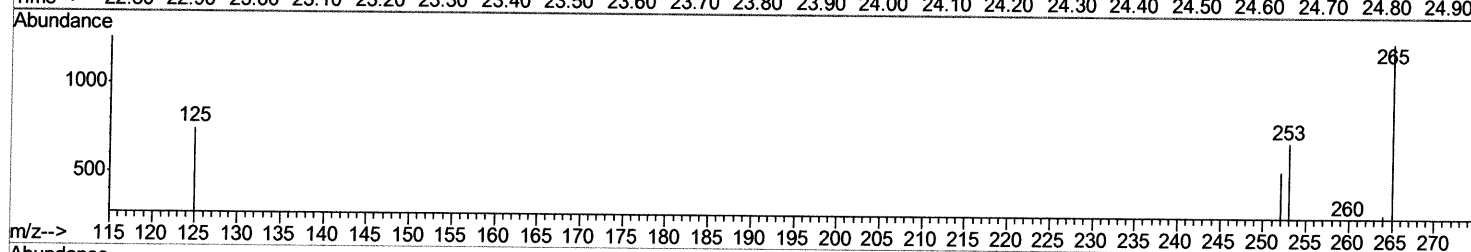
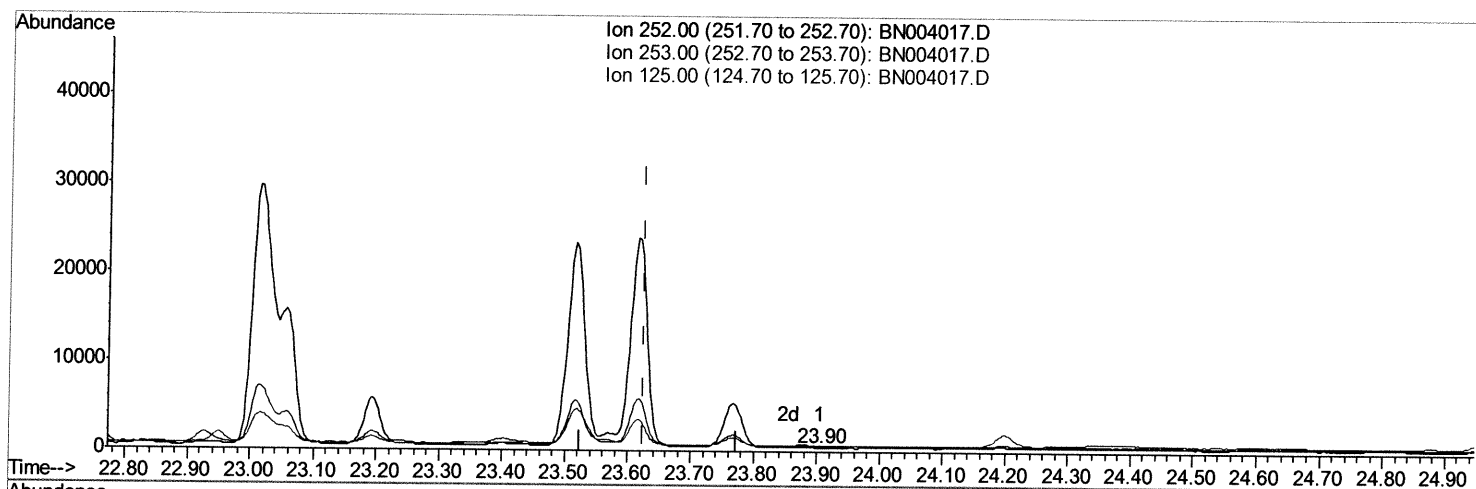
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(23) Benzo(a)pyrene (C)

23.905min (+0.281) 0.00ng/ul

response 99

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	130.75#
125.00	12.80	140.75#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

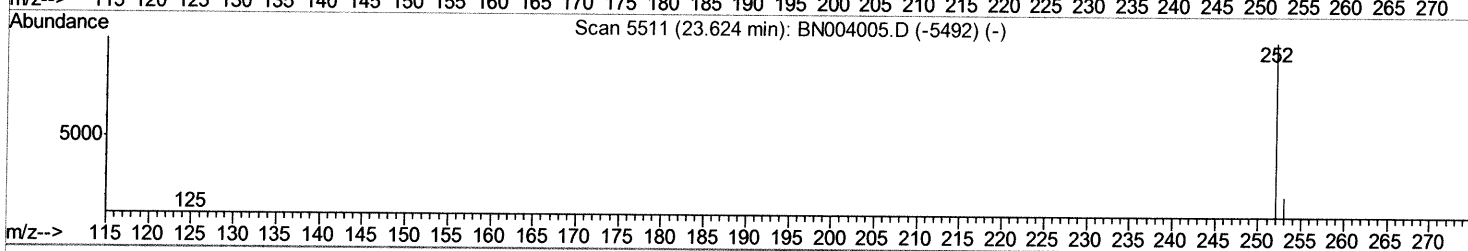
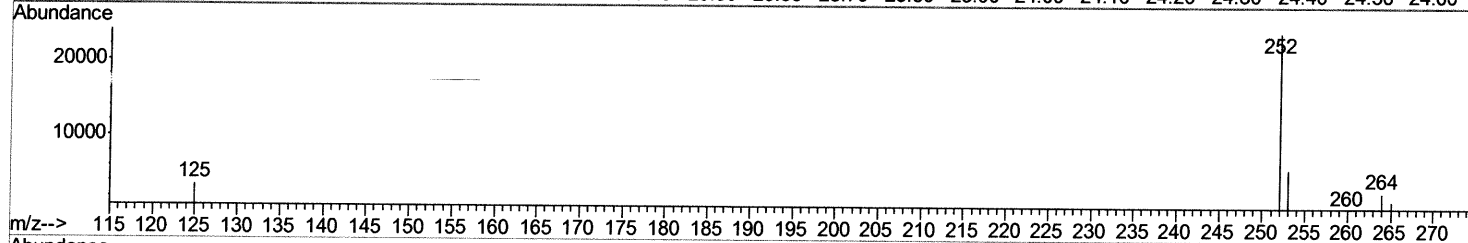
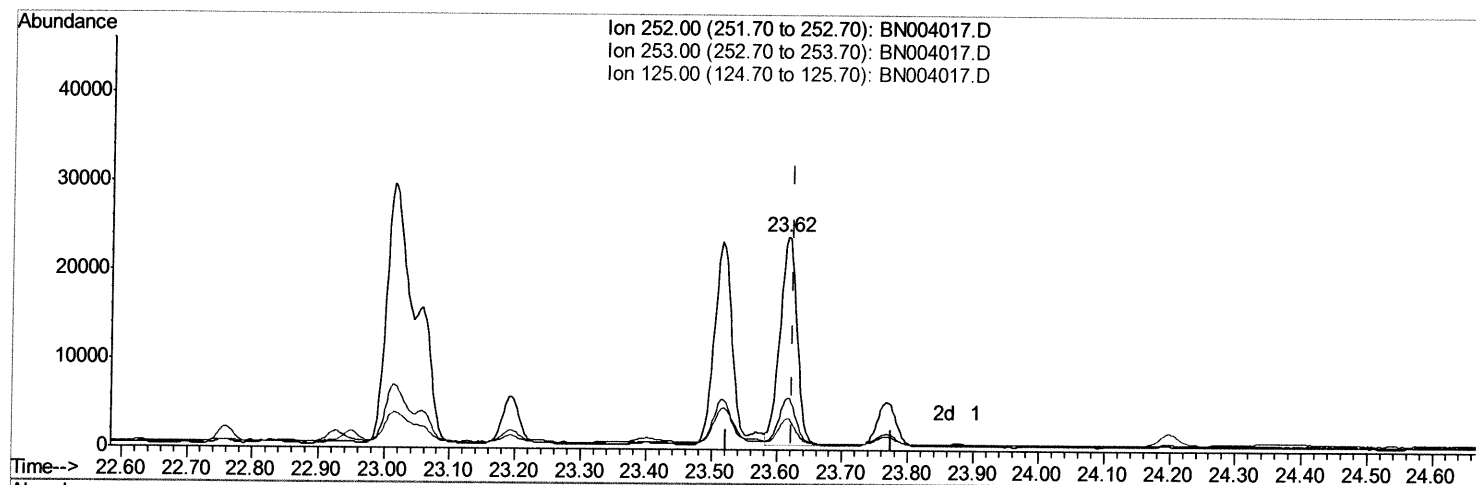
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(23) Benzo(a)pyrene (C)

23.615min (-0.009) 0.71ng/ul m

response 42496

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.49
125.00	12.80	14.68
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

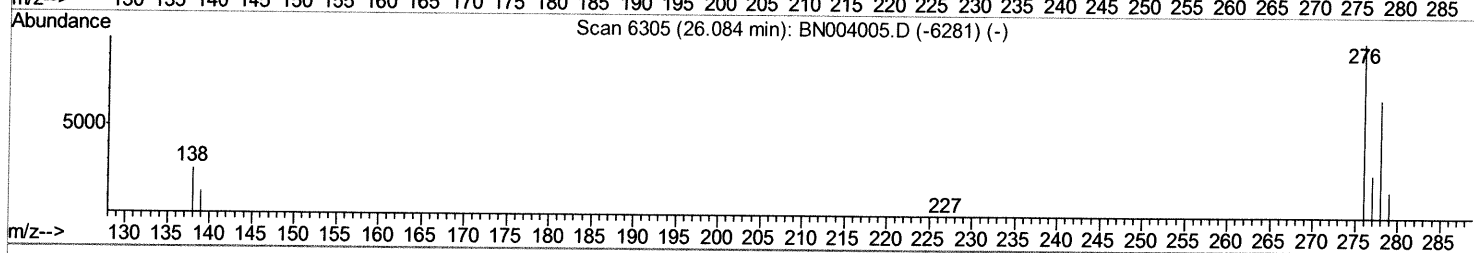
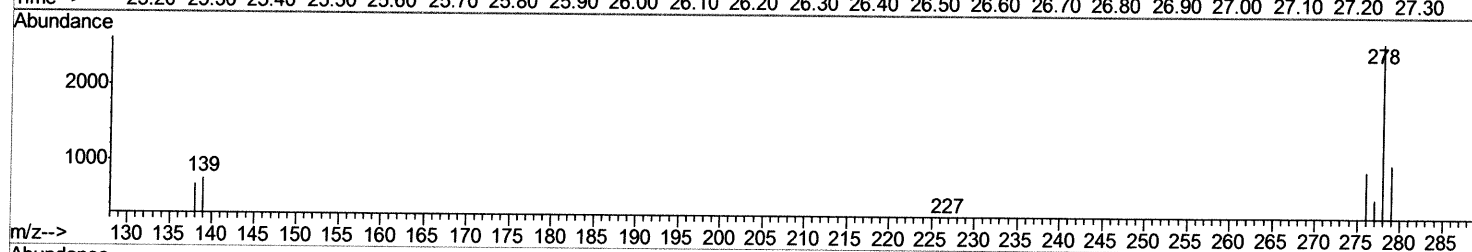
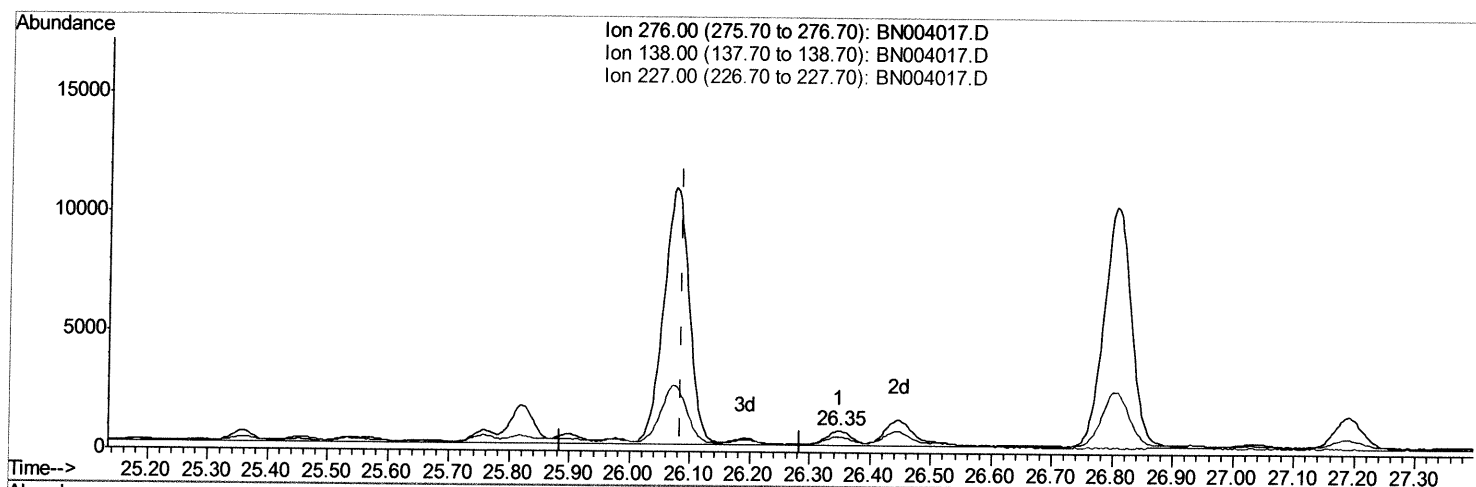
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(24) Indeno(1,2,3-cd)pyrene

26.349min (+0.265) 0.03ng/ul

response 1911

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	54.53#
227.00	0.20	0.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

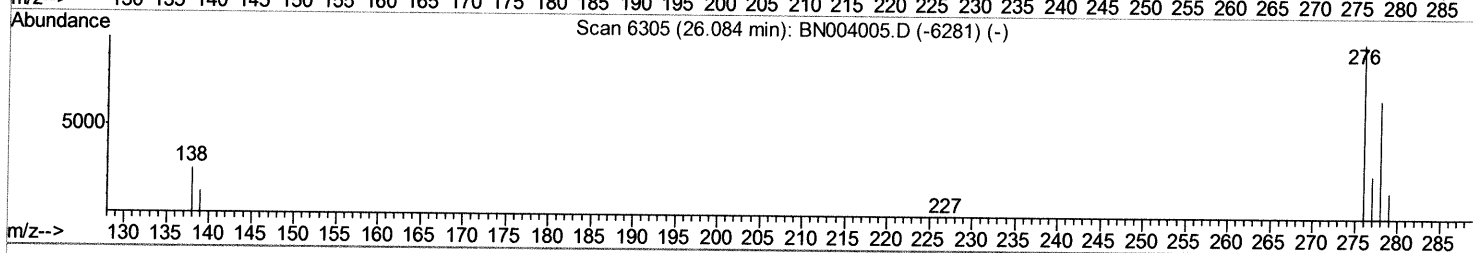
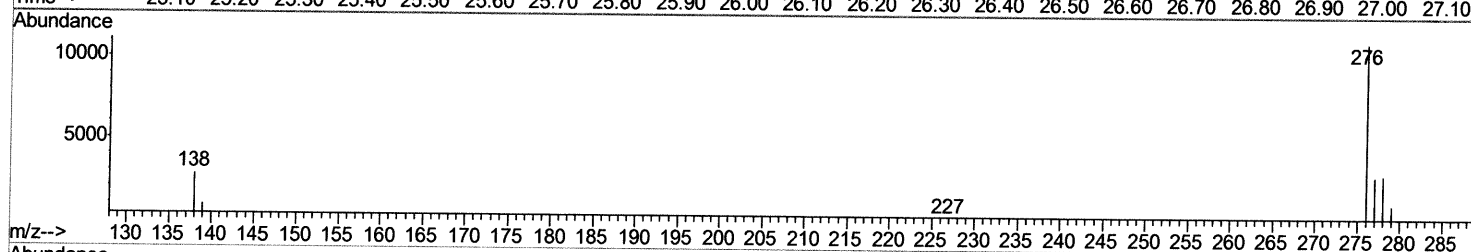
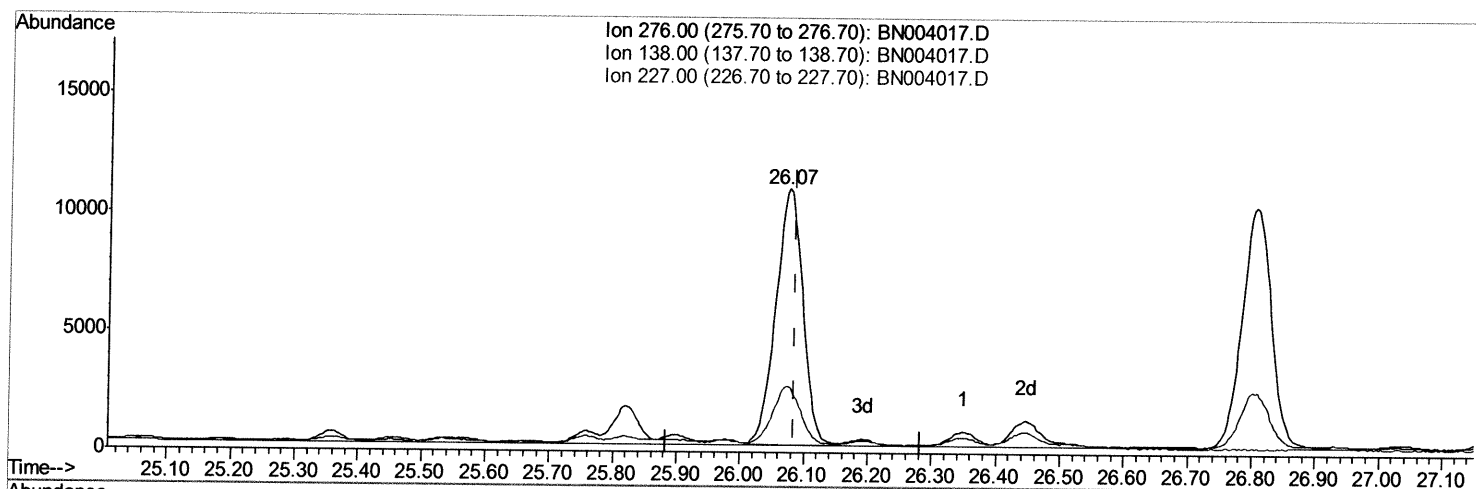
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(24) Indeno(1,2,3-cd)pyrene

26.074min (-0.010) 0.46ng/ul m

response 31582

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	3.30#
227.00	0.20	0.03#
0.00	0.00	0.00

> JS
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

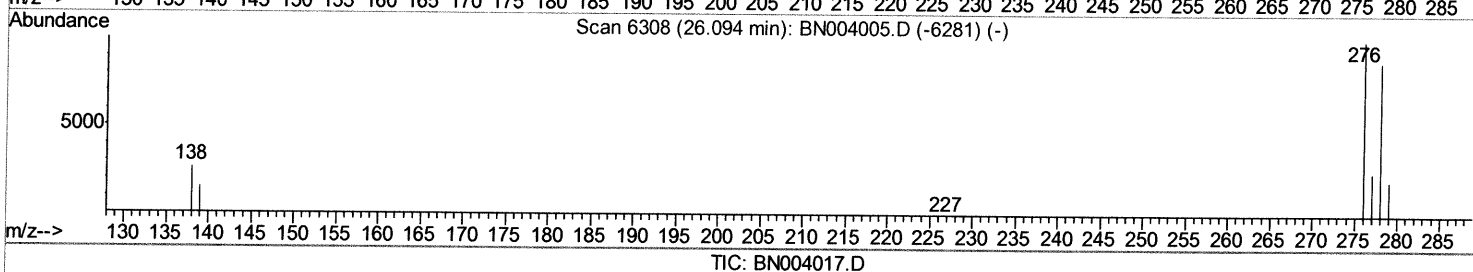
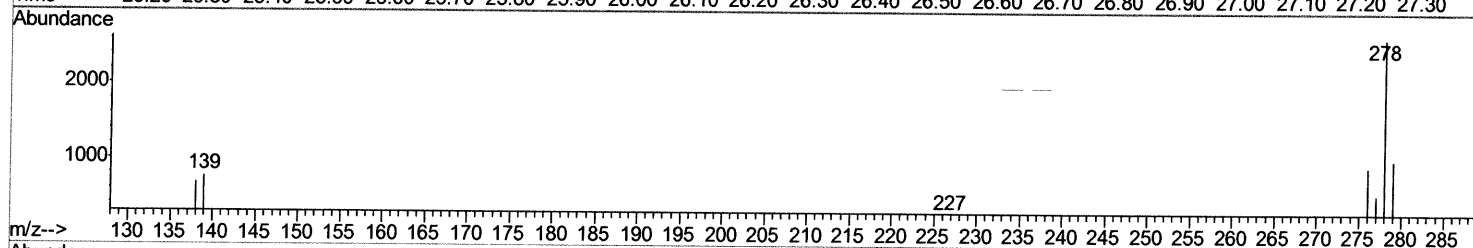
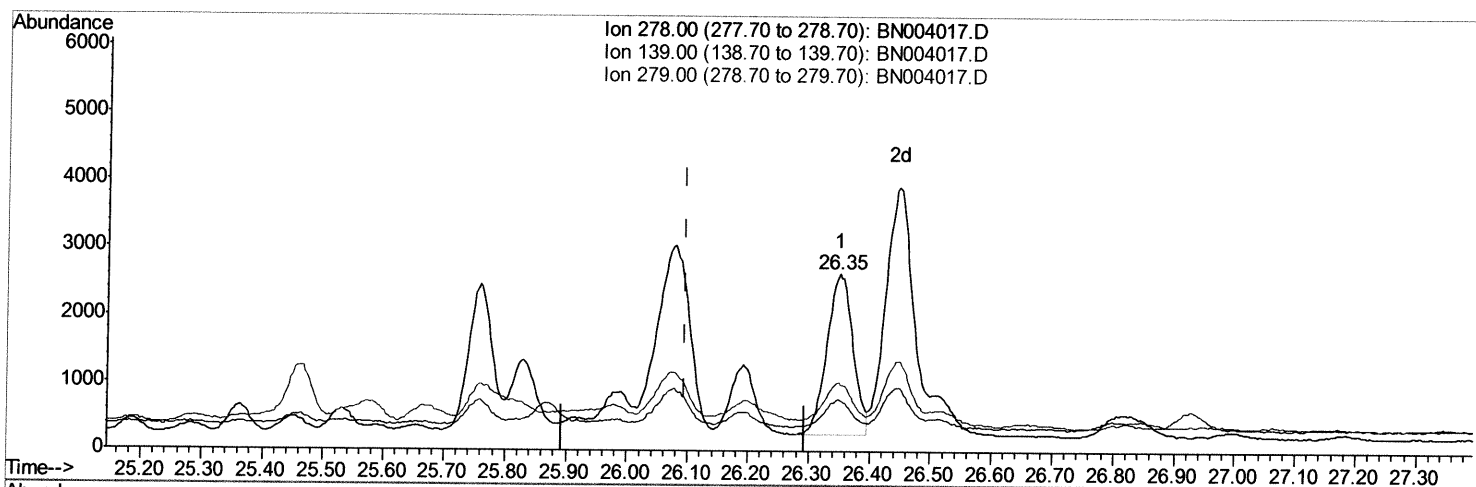
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.349min (+0.255) 0.13ng/ul

response 7062

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	28.95#
279.00	24.70	38.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

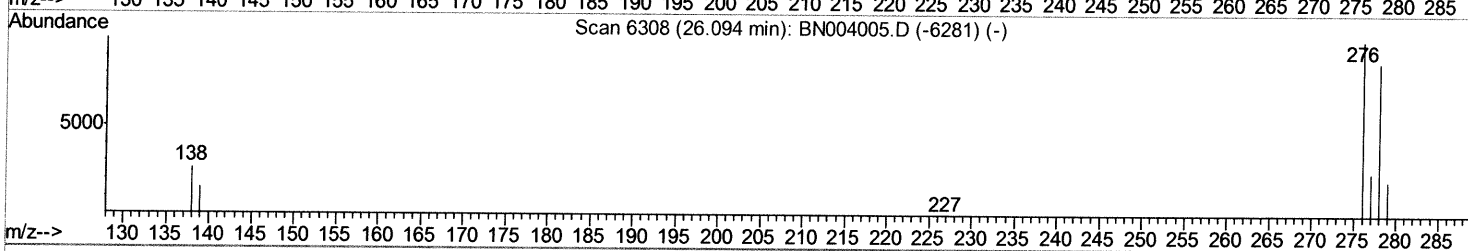
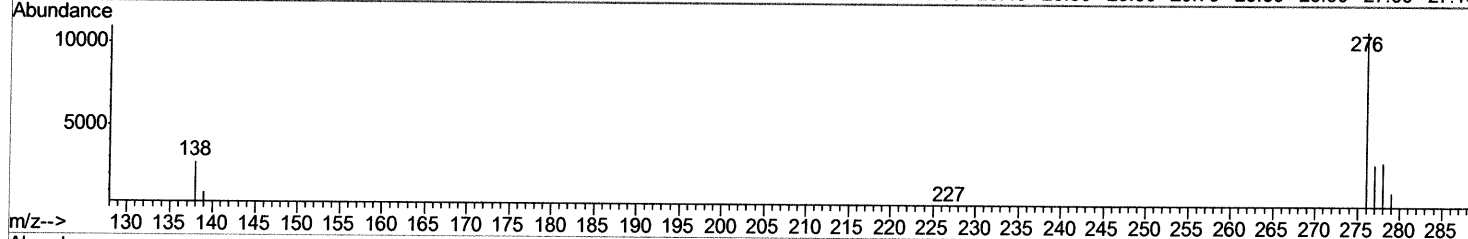
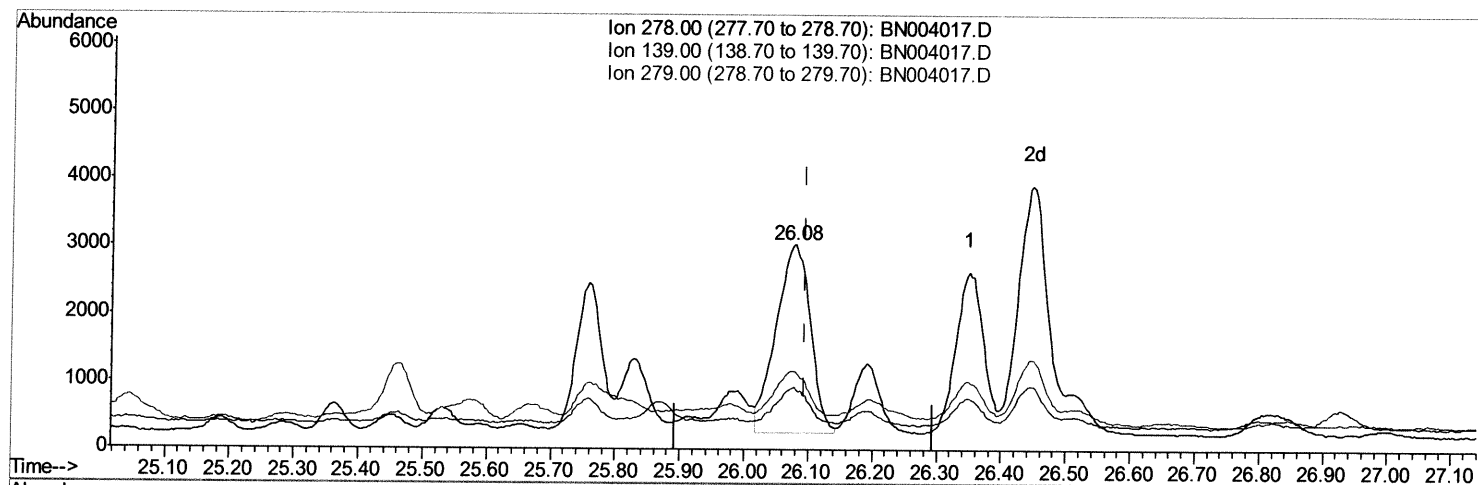
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(25) Dibenzo(a,h)anthracene

26.077min (-0.017) 0.19ng/ul m

response 10446

Ion Exp% Act%

278.00 100 100

139.00 17.80 30.28#

279.00 24.70 38.05#

0.00 0.00 0.00

> 55
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

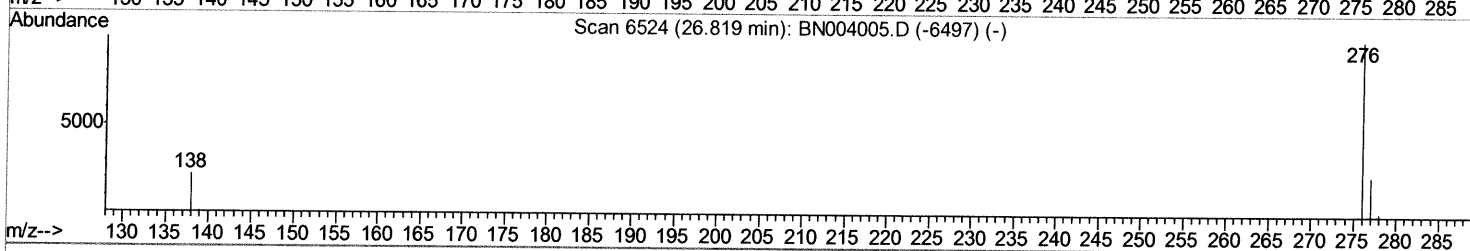
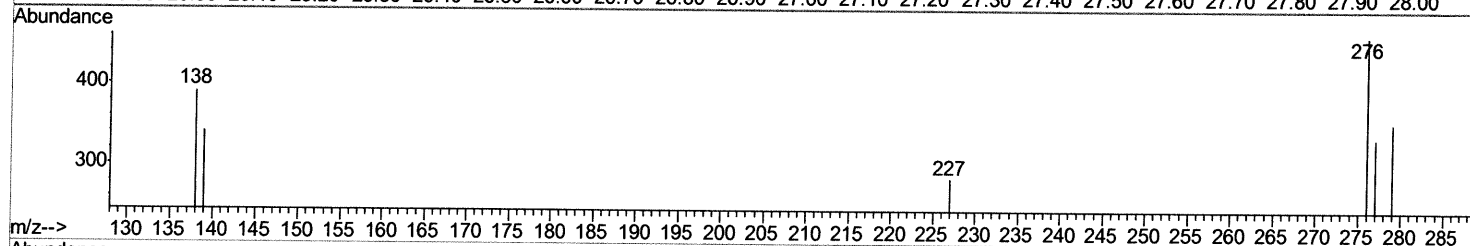
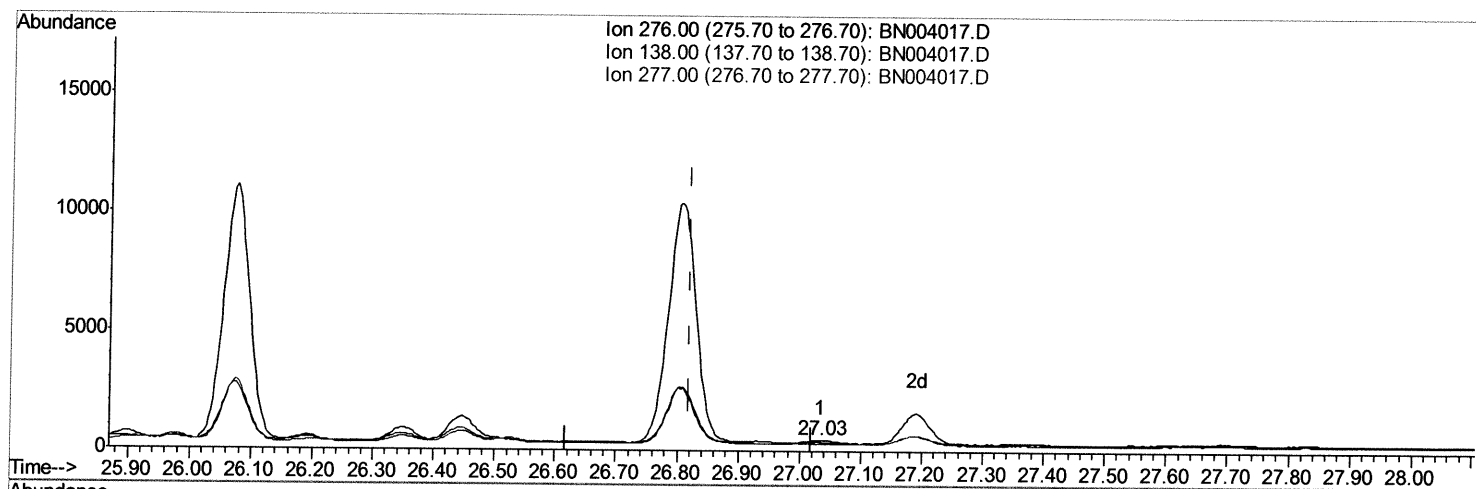
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(26) Benzo(g,h,i)perylene

27.033min (+0.215) 0.01ng/ul

response 615

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	84.60#
277.00	24.10	72.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

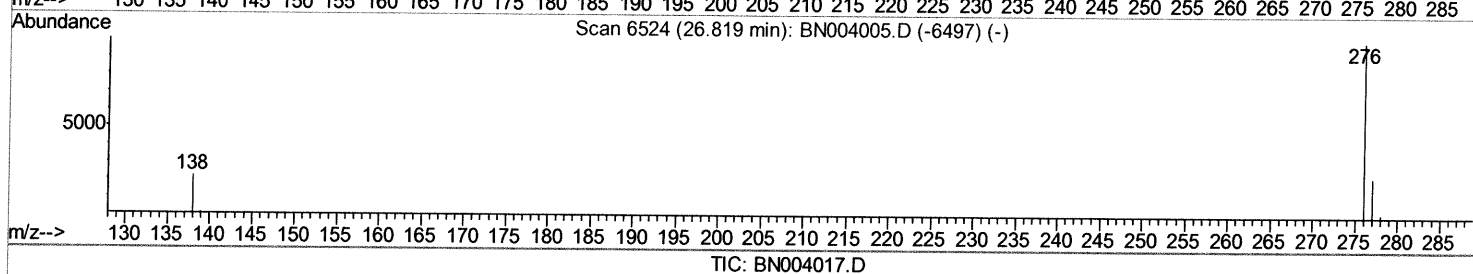
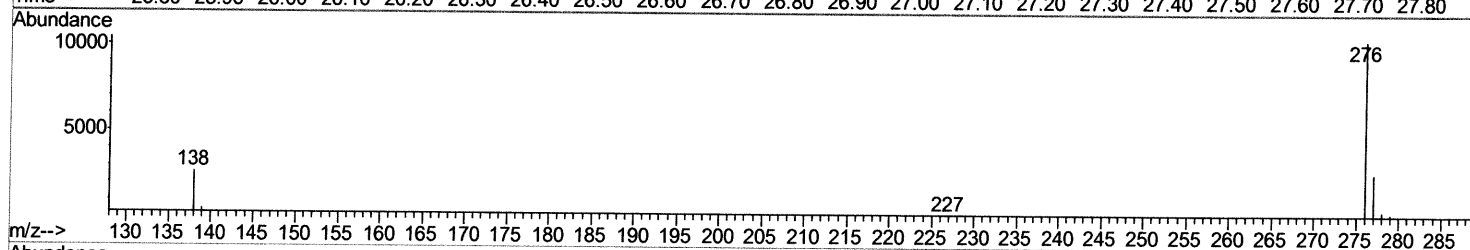
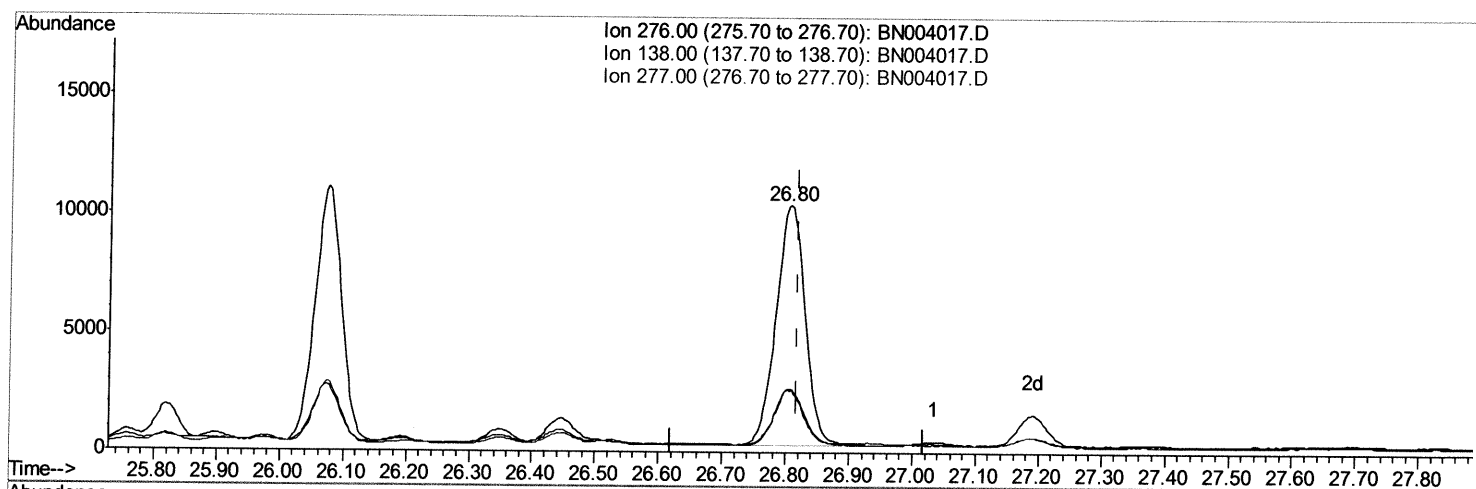
Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004017.D

(26) Benzo(g,h,i)perylene

26.805min (-0.014) 0.54ng/ul m

response 32218

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	25.02
277.00	24.10	25.86
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (QT Reviewed)

Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:25 PM

Quant Time: Dec 17 07:43:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2165	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6418	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	16264m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18740m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	16773m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	3335	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10342m	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1771	0.058	ng/ul#	87
5) 2-Methylnaphthalene	12.29	142	1767	0.084	ng/ul	98
7) Acenaphthylene	14.19	152	4188	0.145	ng/ul	96
8) Acenaphthene	14.53	153	700	0.028	ng/ul	96
9) Fluorene	15.52	166	852	0.029	ng/ul#	93
12) Phenanthrene	17.26	178	34796m	0.652	ng/ul	
13) Anthracene	17.35	178	7098m	0.162	ng/ul	
15) Fluoranthene	19.27	202	67688m	1.074	ng/ul	
17) Pyrene	19.64	202	75125m	1.118	ng/ul	
18) Benzo(a)anthracene	21.38	228	48254m	0.815	ng/ul	
19) Chrysene	21.43	228	60942m	0.900	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	65927m	0.950	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	24348m	0.360	ng/ul	
23) Benzo(a)pyrene	23.62	252	42496m	0.707	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.07	276	31582m	0.458	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	10446m	0.188	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	32218m	0.538	ng/ul	

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12/17/18

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