

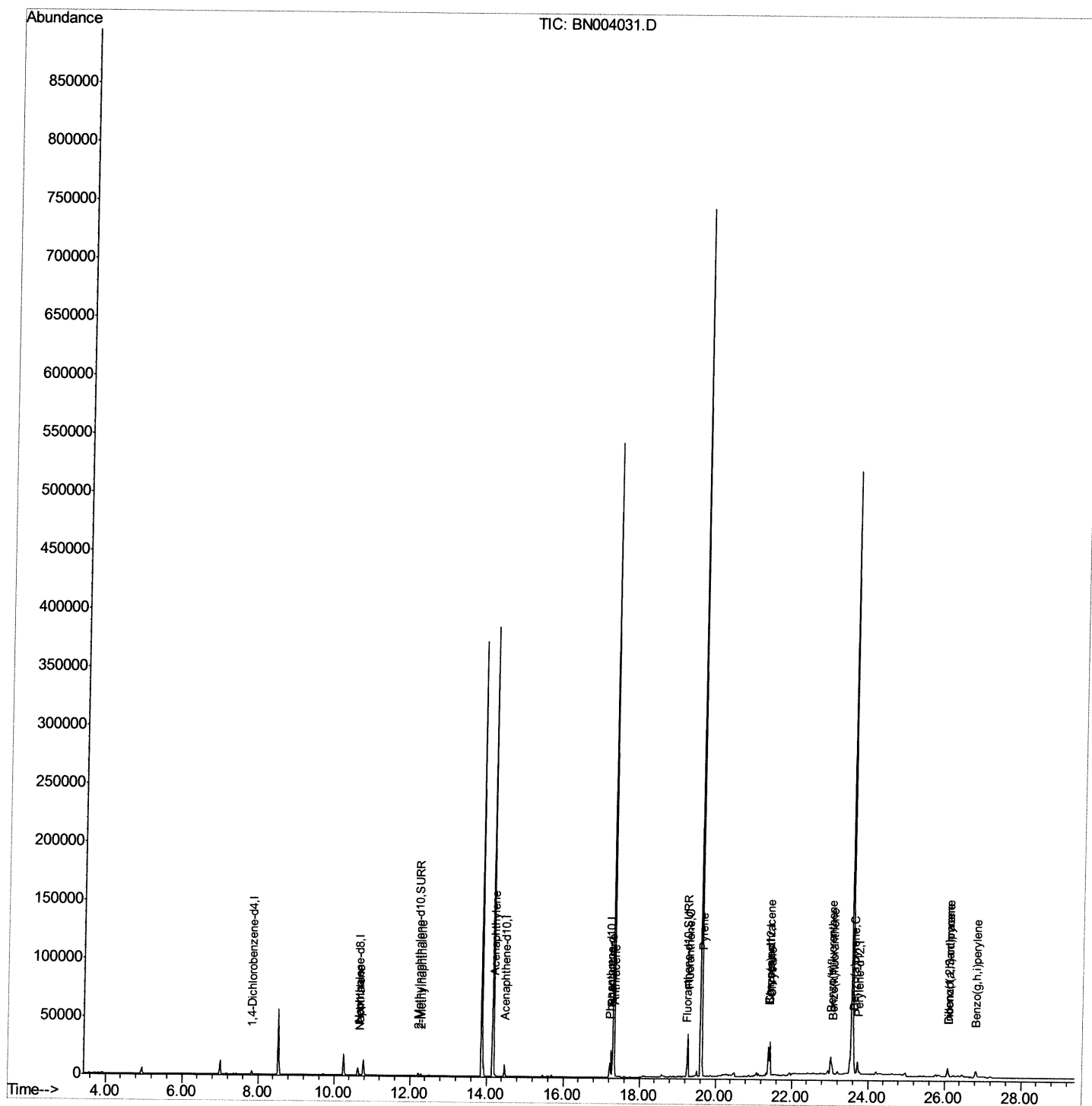
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:52:20 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



Quantitation Report (Qedit)

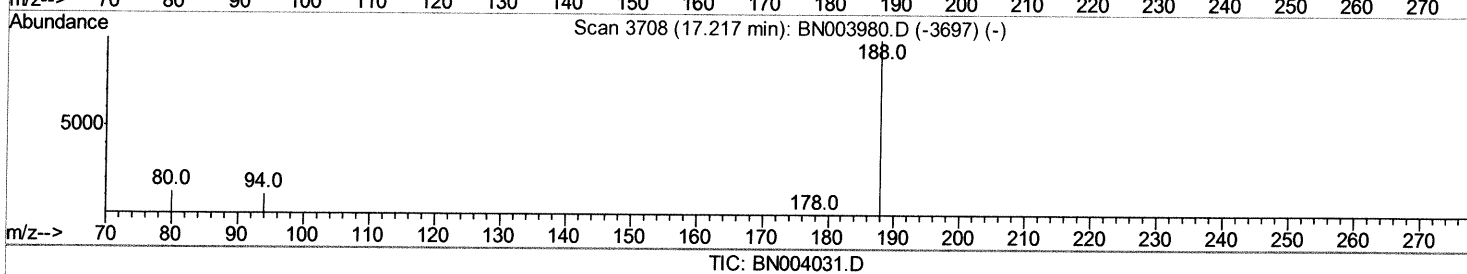
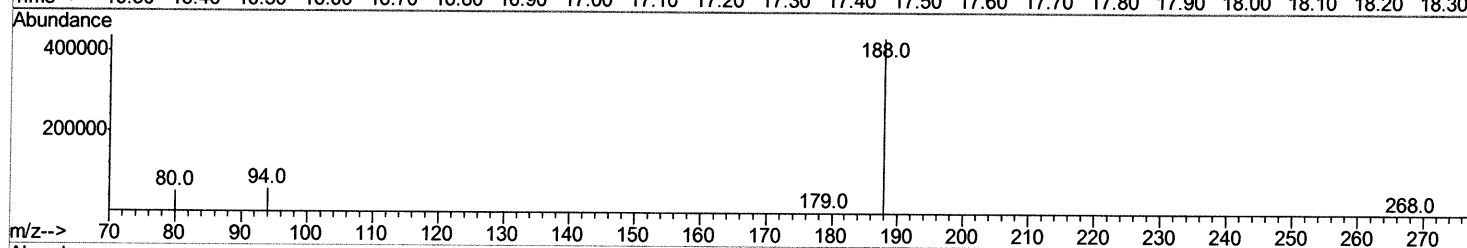
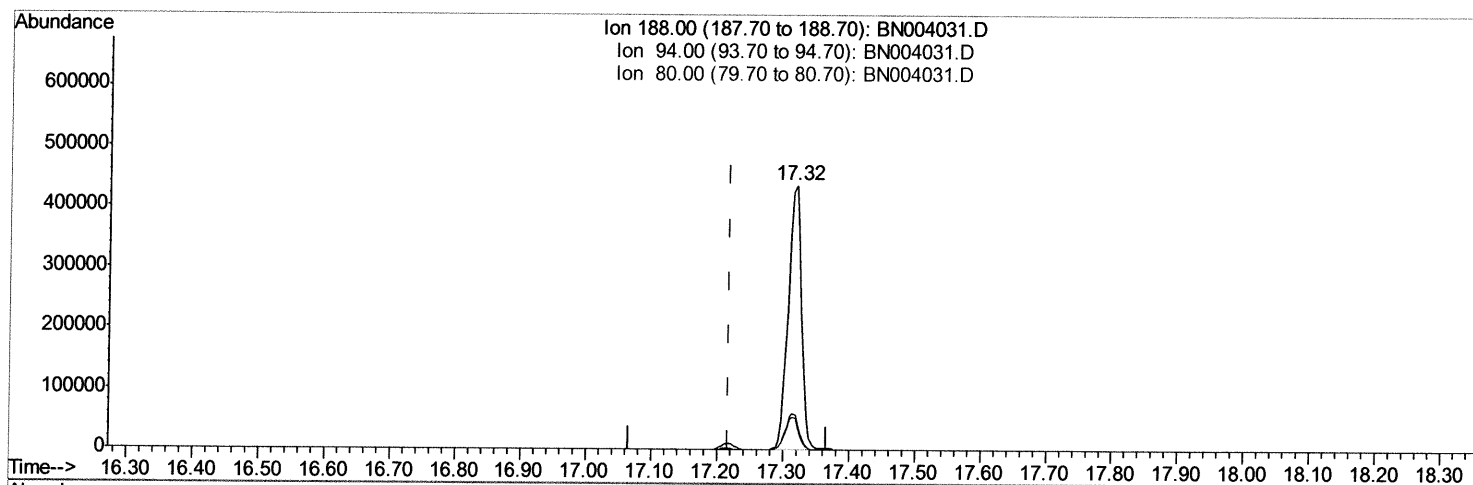
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:44:56 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)

17.318min (+0.101) 0.40ng/ul

response 612719

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.01#
80.00	11.60	11.64
0.00	0.00	0.00

Quantitation Report (Qedit)

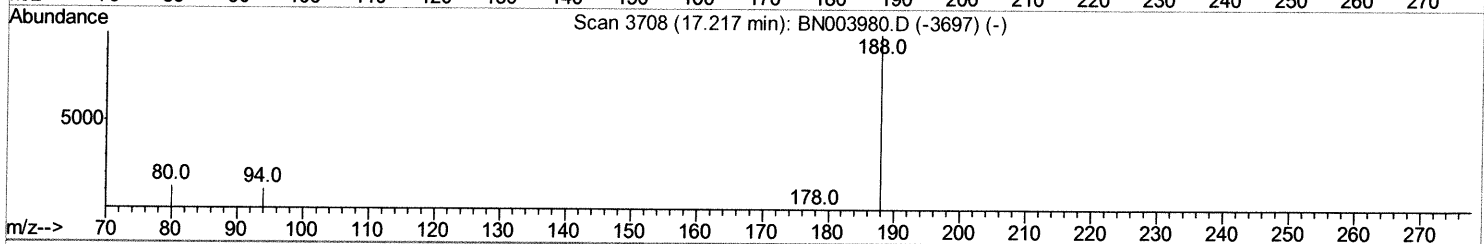
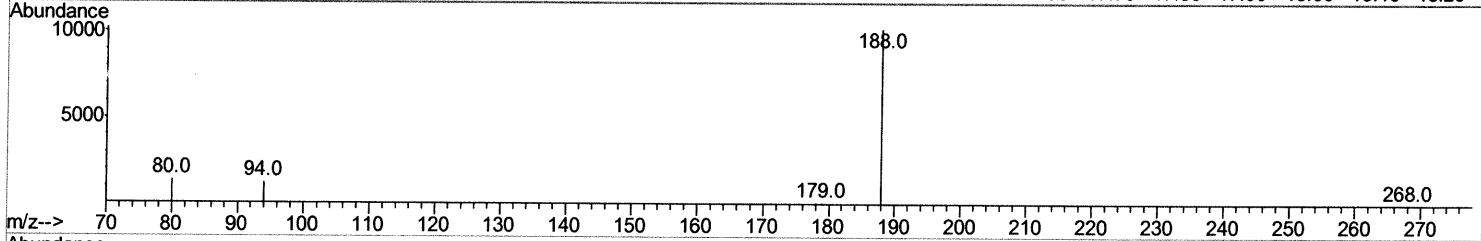
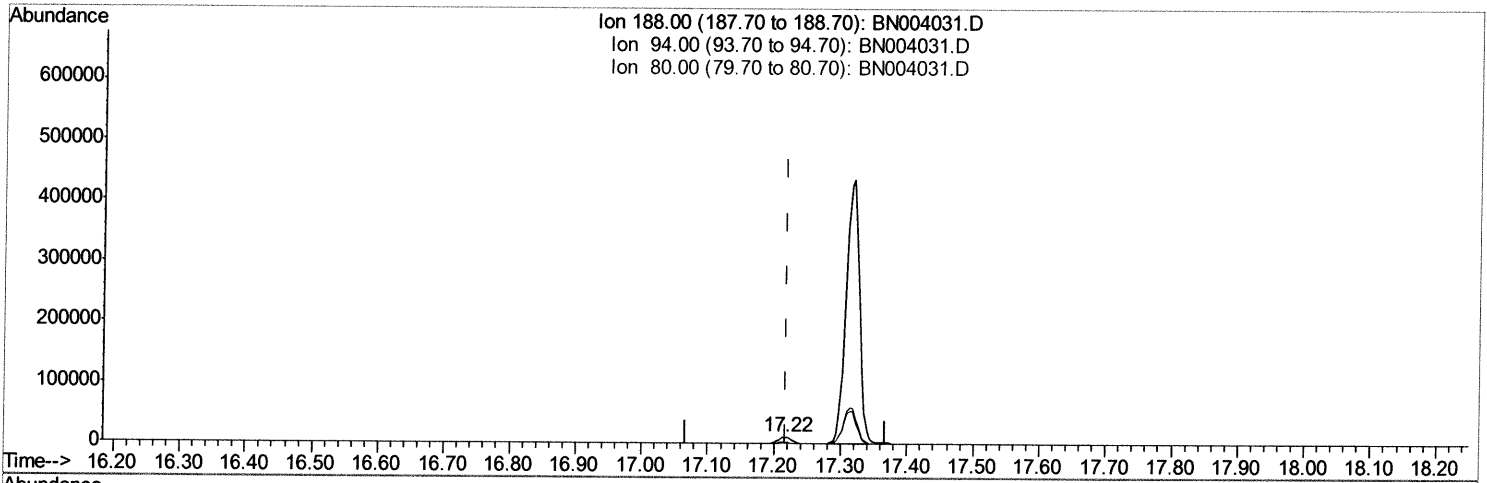
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:44:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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 QLast Update : Mon Dec 17 06:22:23 2018
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TIC: BN004031.D

(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m

response 14173

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.26
80.00	11.60	13.67
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

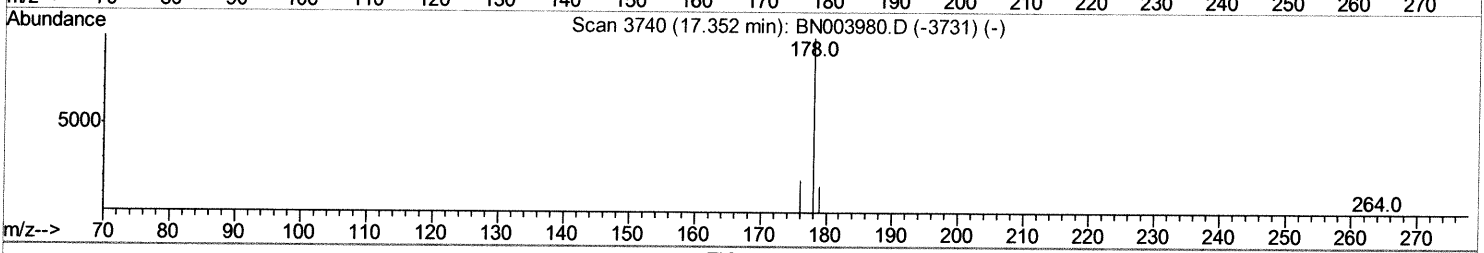
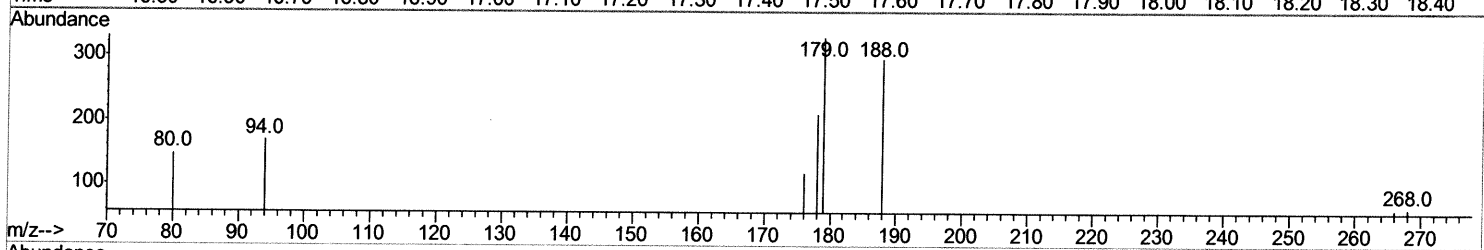
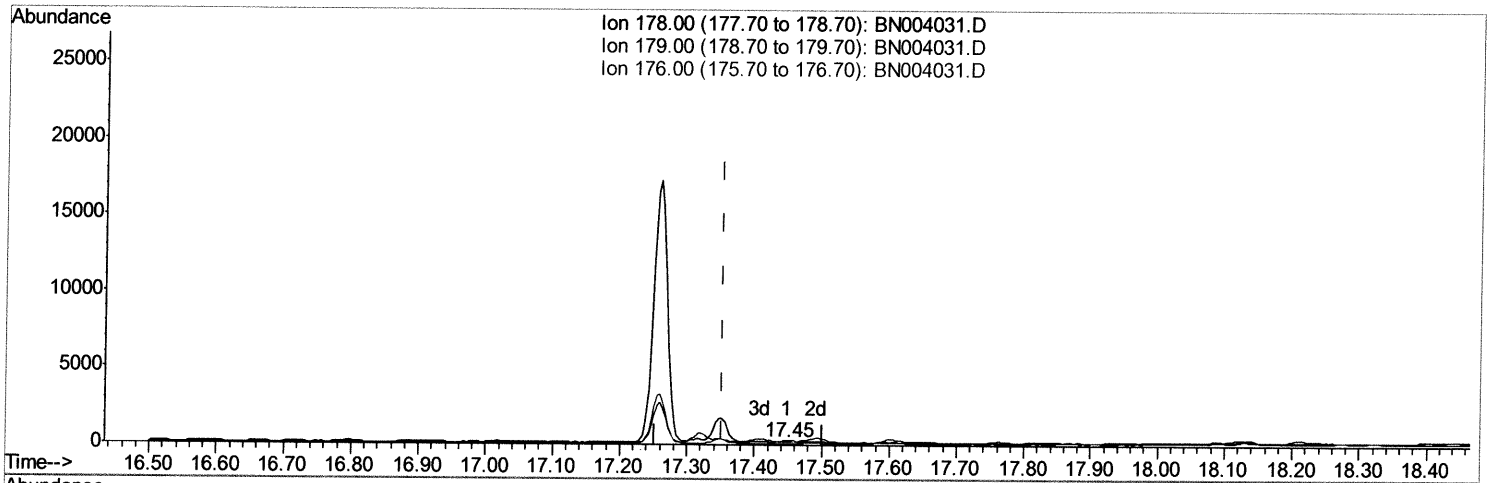
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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TIC: BN004031.D

(13) Anthracene

17.449min (+0.097) 0.00ng/ul

response 69

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	156.40#
176.00	18.50	56.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

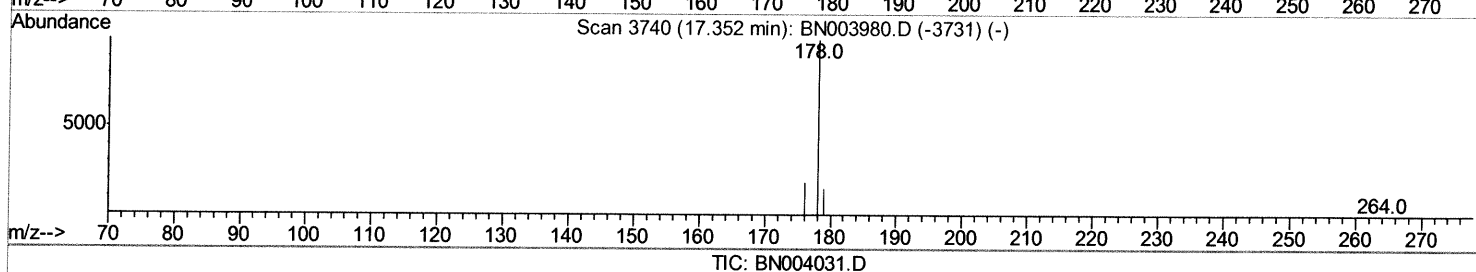
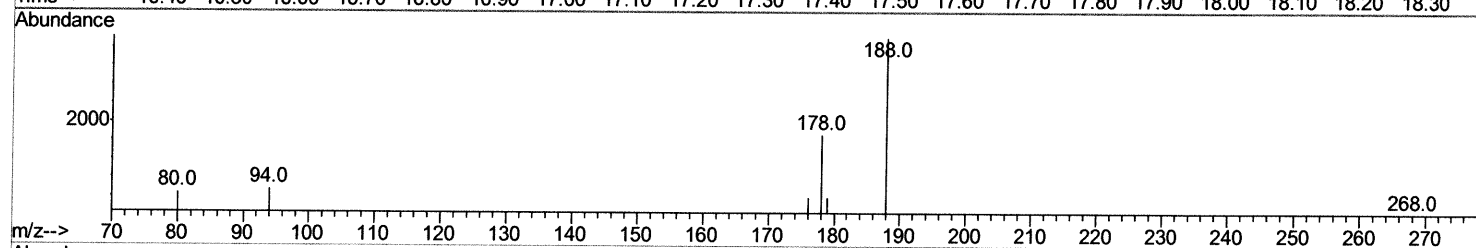
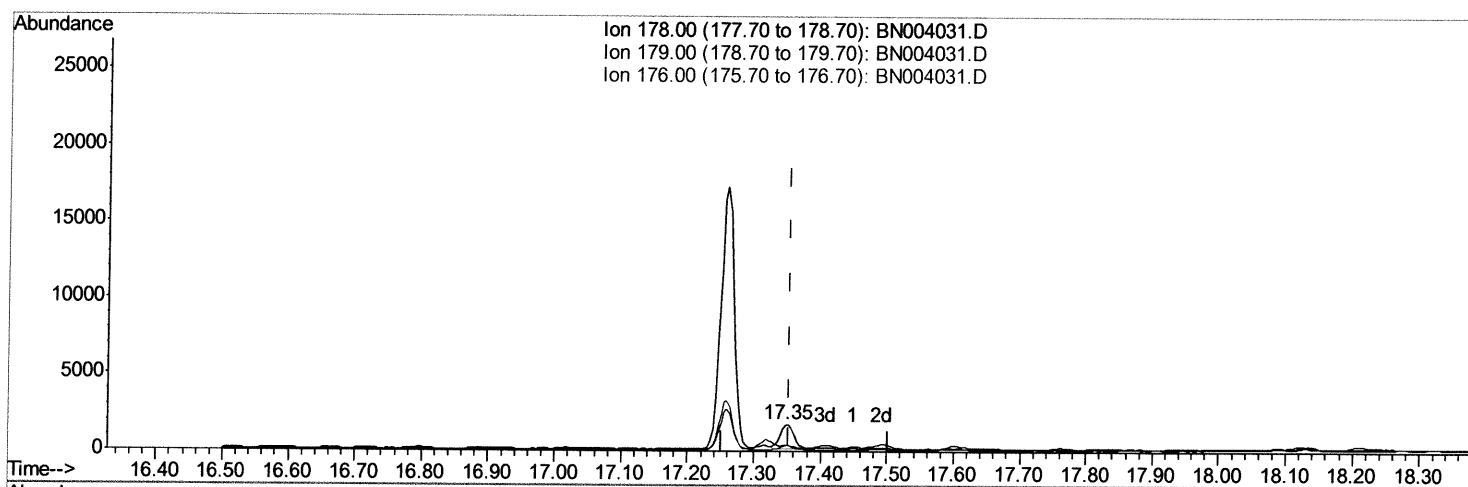
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 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) 0.06ng/ul m

response 2200

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	23.16#
176.00	18.50	22.87#
0.00	0.00	0.00

> SJ
12/17/18

Quantitation Report (Qedit)

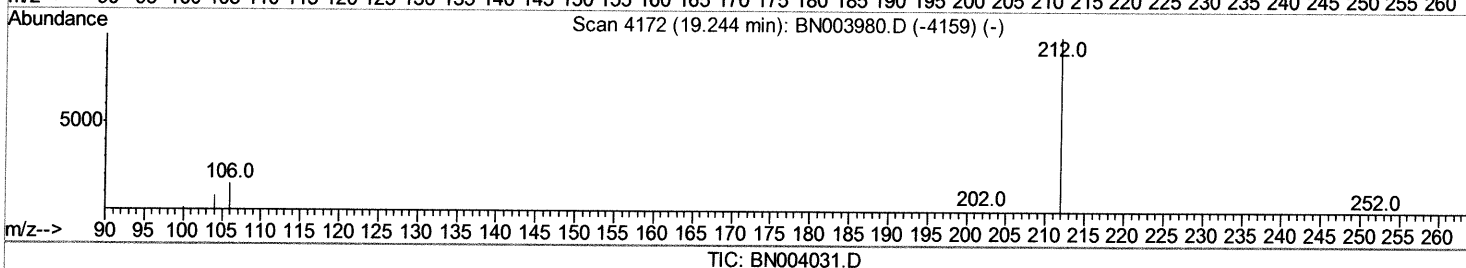
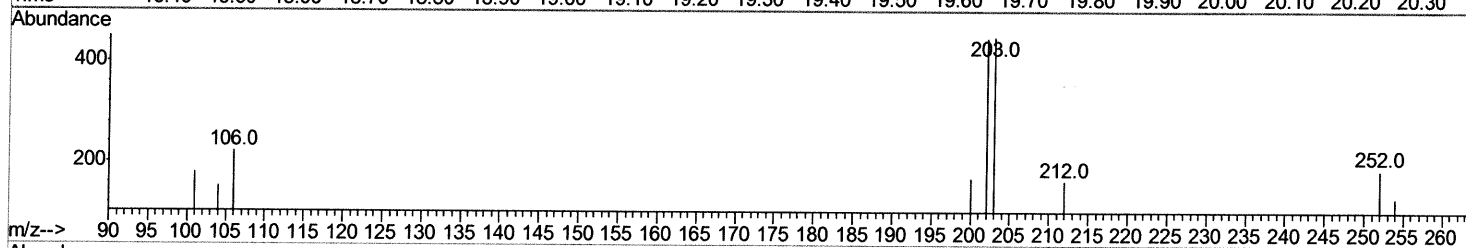
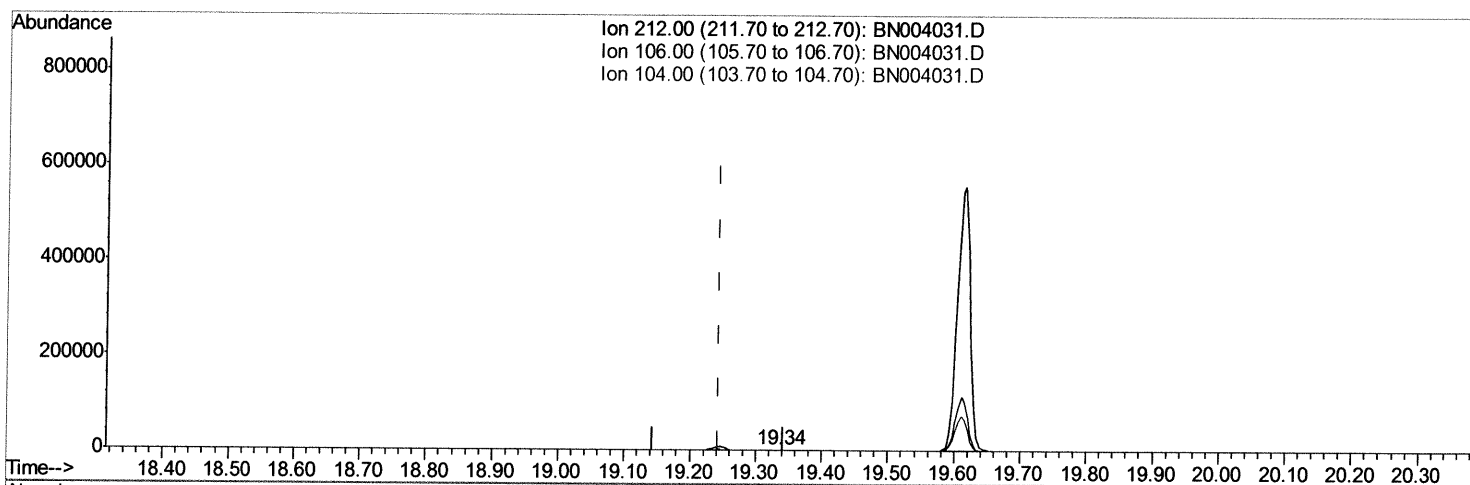
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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TIC: BN004031.D

(14) Fluoranthene-d10 (SURR)

19.336min (+0.093) 0.00ng/ul

response 64

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	17.19#
104.00	8.00	32.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

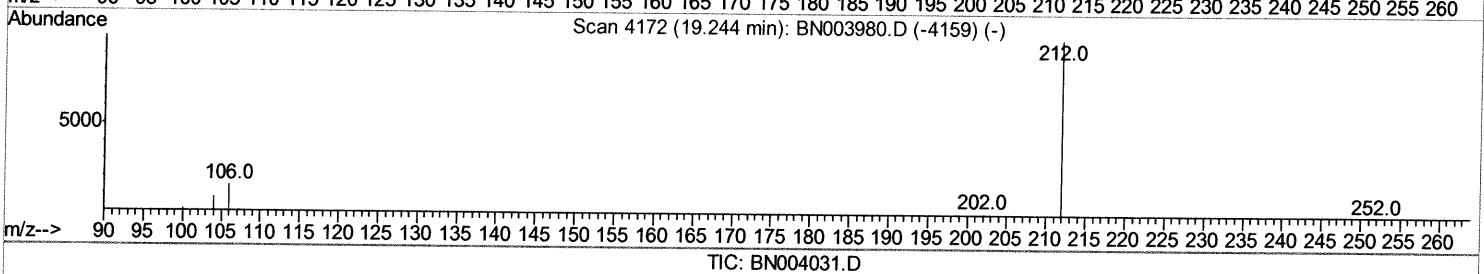
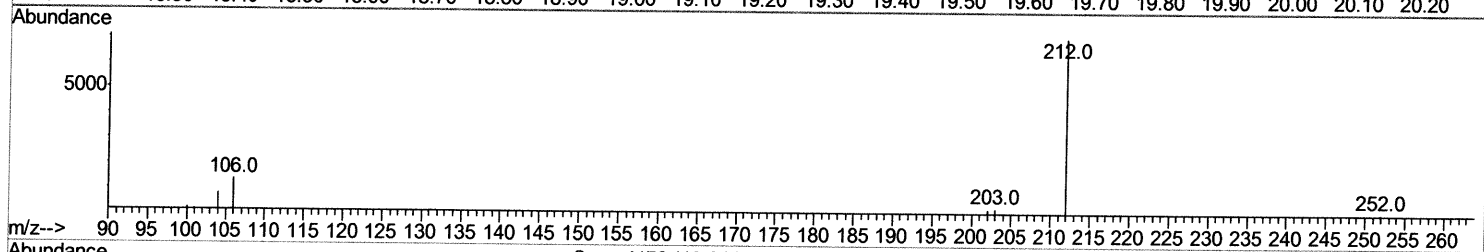
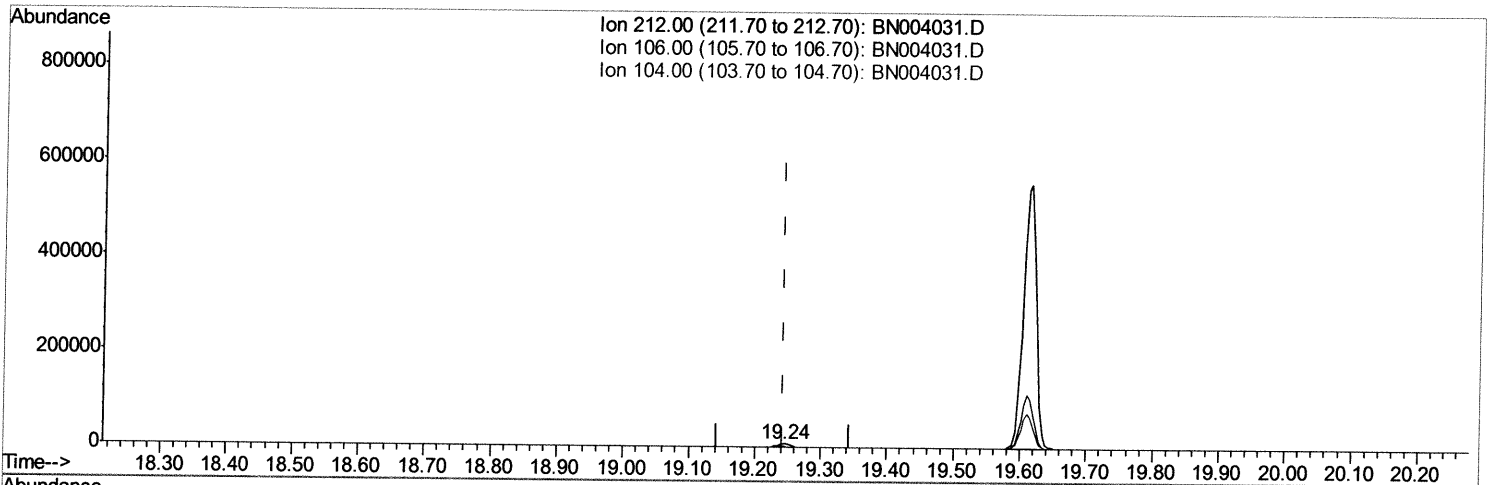
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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 Response via : Initial Calibration



TIC: BN004031.D

(14) Fluoranthene-d10 (SURRE)

19.243min (-0.000) 0.22ng/ul m

response 9220

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.12#
104.00	8.00	0.23#
0.00	0.00	0.00

> $\frac{55}{1217118}$

Quantitation Report (Qedit)

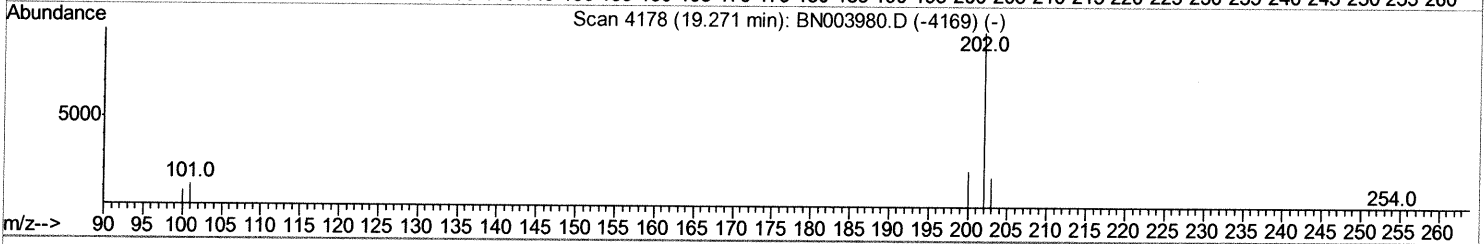
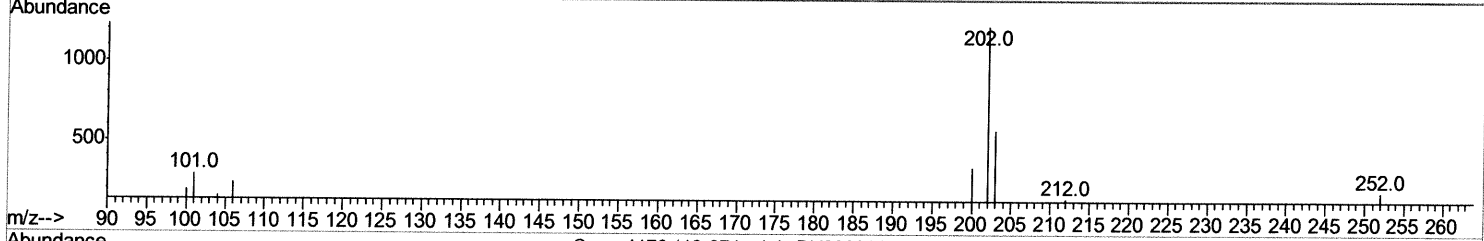
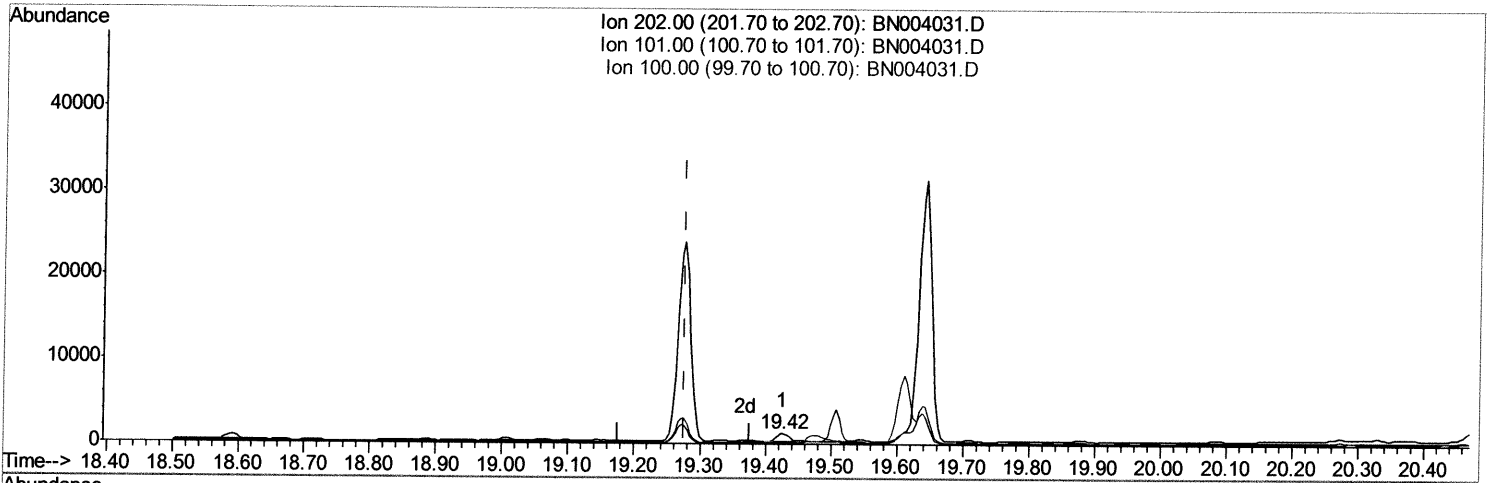
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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 Response via : Initial Calibration



TIC: BN004031.D

(15) Fluoranthene (C)

19.425min (+0.148) 0.03ng/ul

response 1413

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	23.30
100.00	8.10	15.50
0.00	0.00	0.00

Quantitation Report (Qedit)

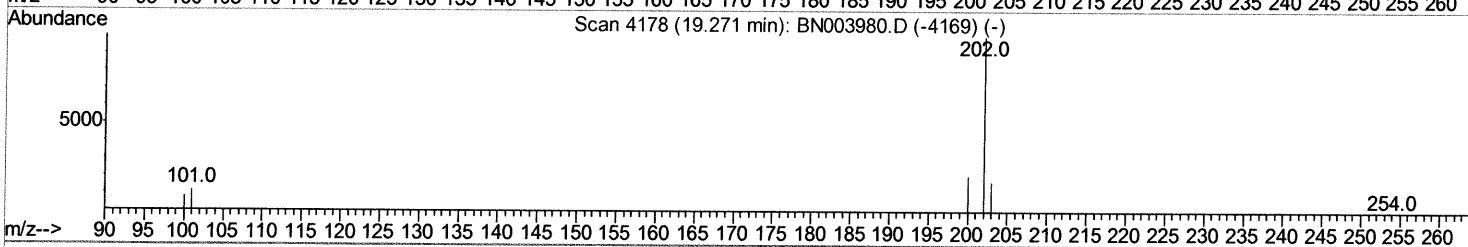
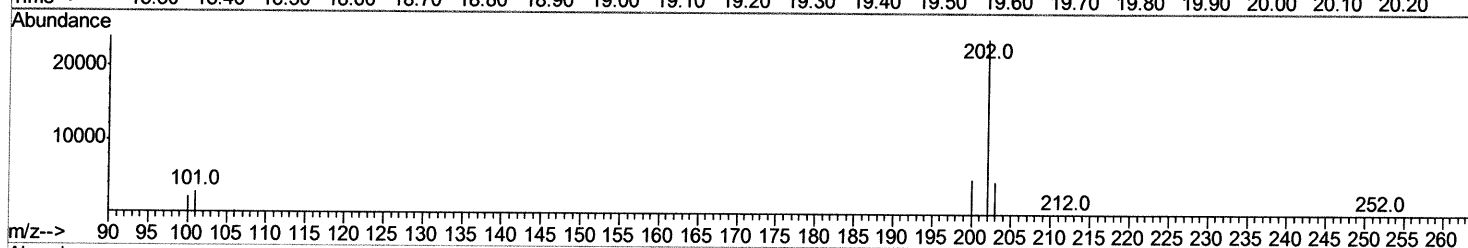
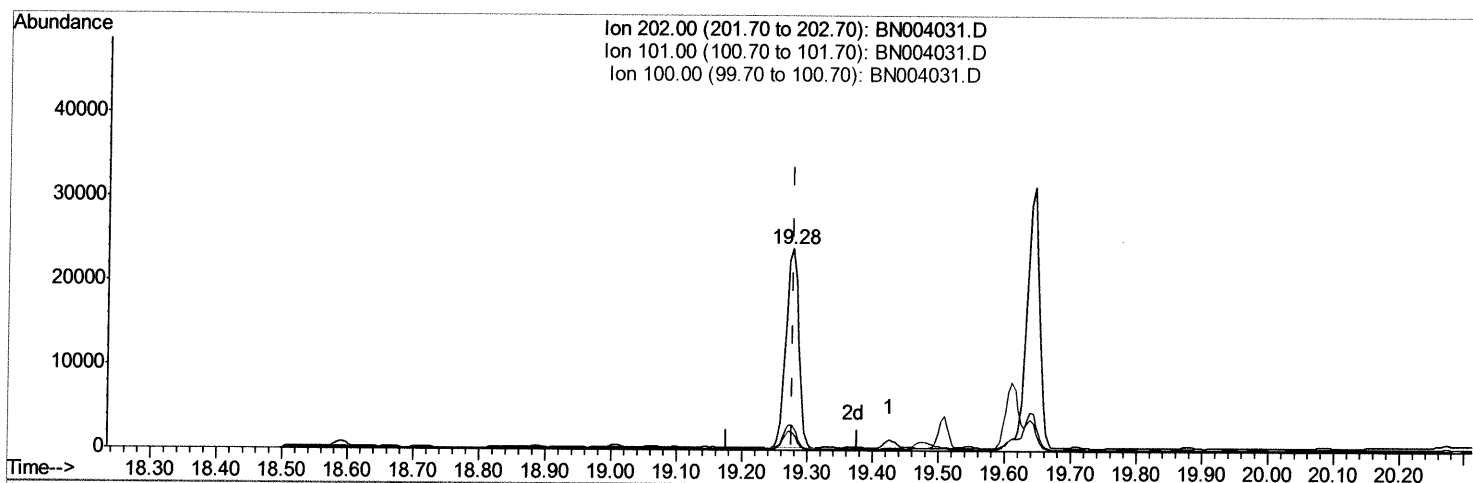
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 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: BN004031.D

(15) Fluoranthene (C)

19.276min (-0.000) 0.58ng/ul m

response 31815

Ion Exp% Act%

202.00 100 100

101.00 10.70 12.38

100.00 8.10 9.09

0.00 0.00 0.00

> $\frac{55}{12/17/18}$

Quantitation Report (Qedit)

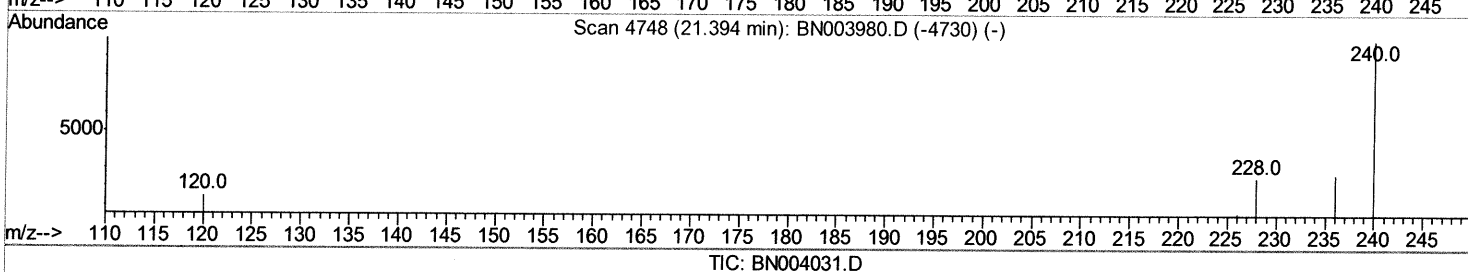
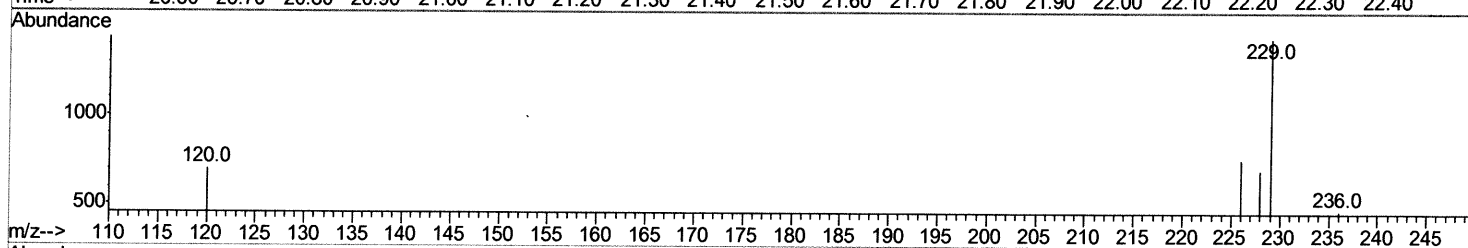
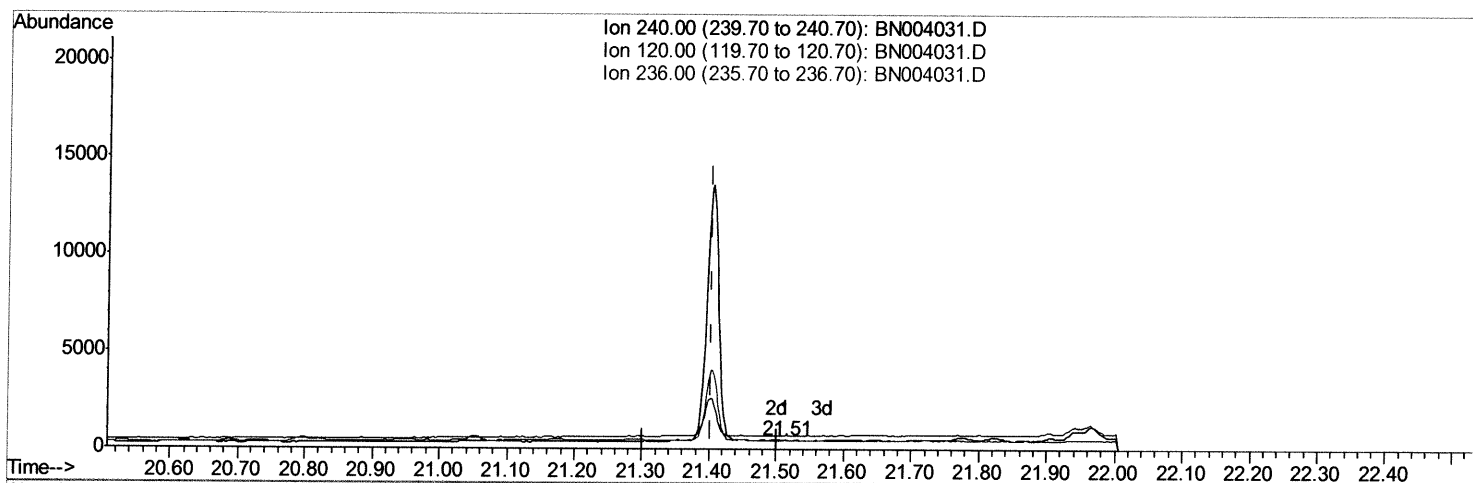
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

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TIC: BN004031.D

(16) Chrysene-d12 (I)

21.512min (+0.110) 0.40ng/ul

response 28

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	153.29#
236.00	27.60	103.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

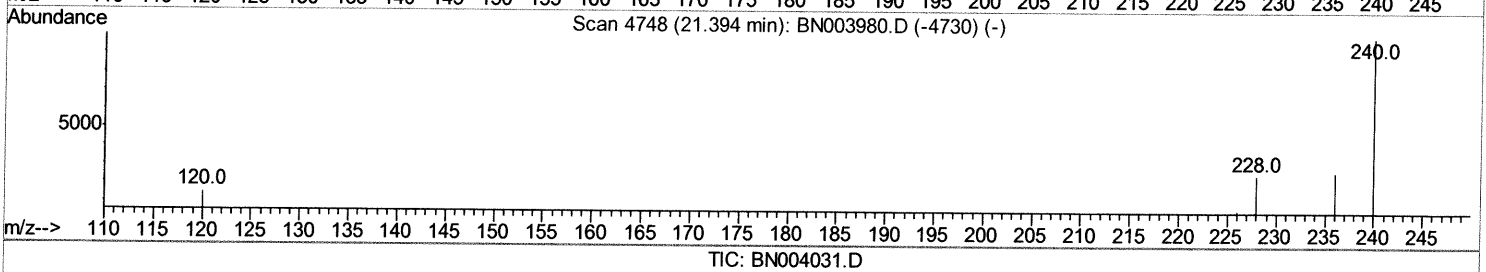
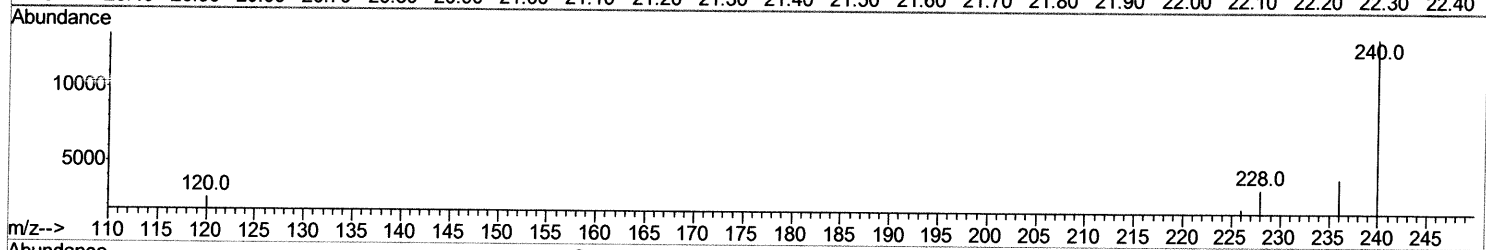
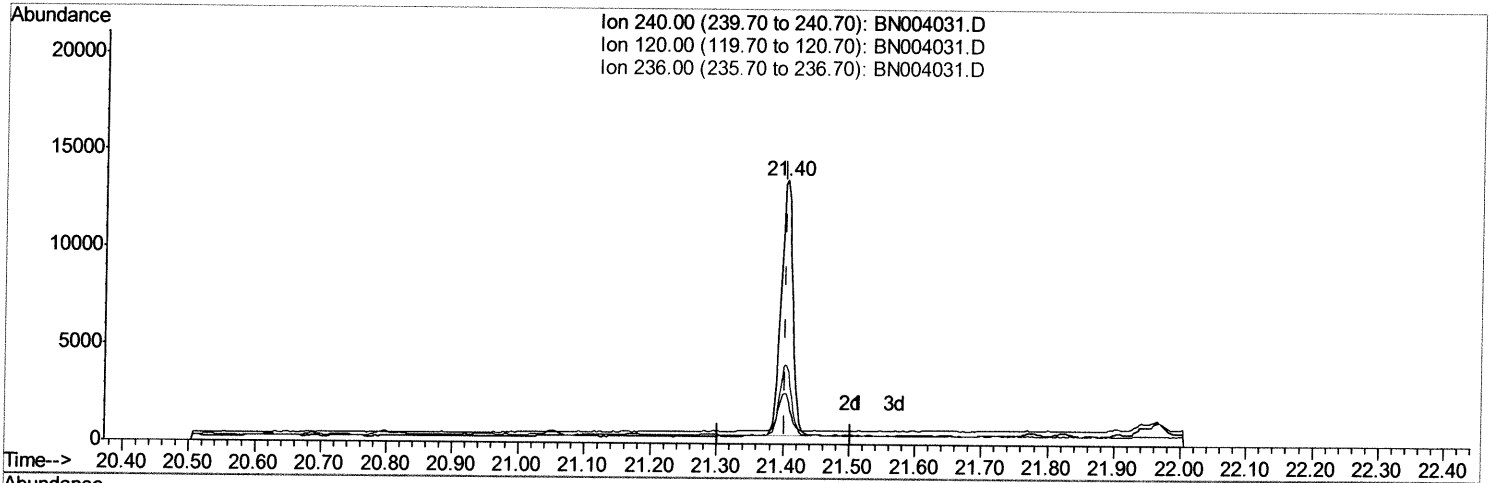
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
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 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:45:32 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)

21.404min (+0.001) 0.40ng/ul m

response 16136

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	18.90#
236.00	27.60	29.84
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

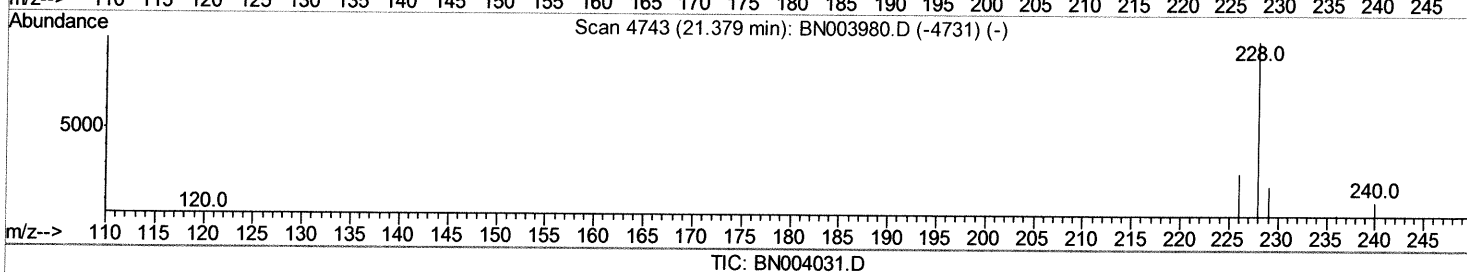
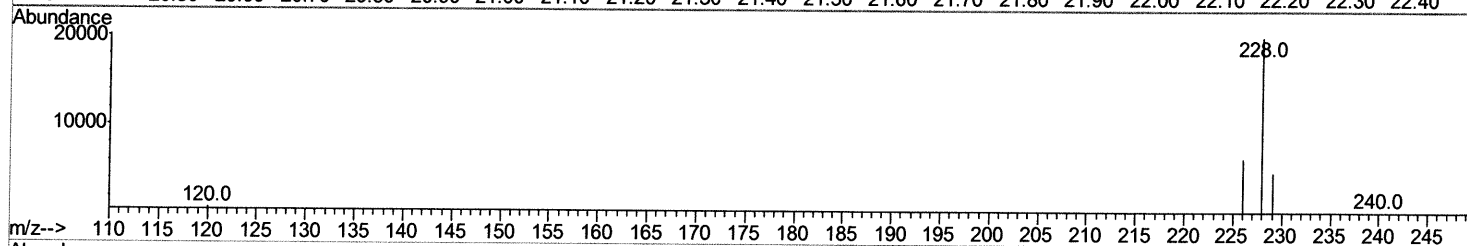
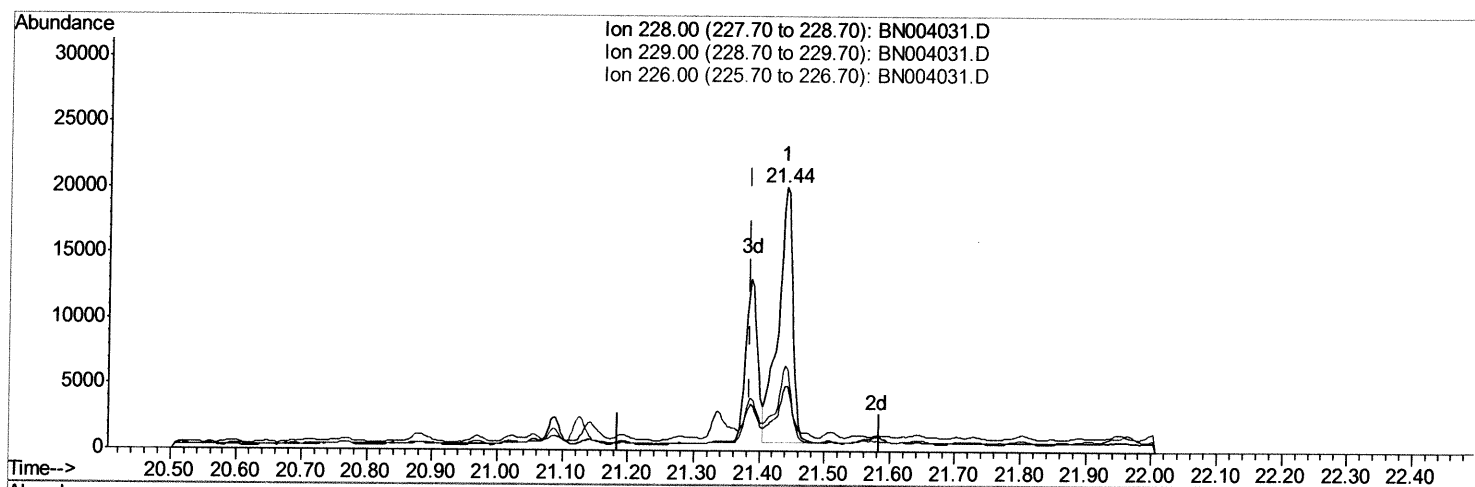
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(18) Benzo(a)anthracene

21.439min (+0.054) 0.60ng/ul

response 30499

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	24.38#
226.00	26.40	32.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

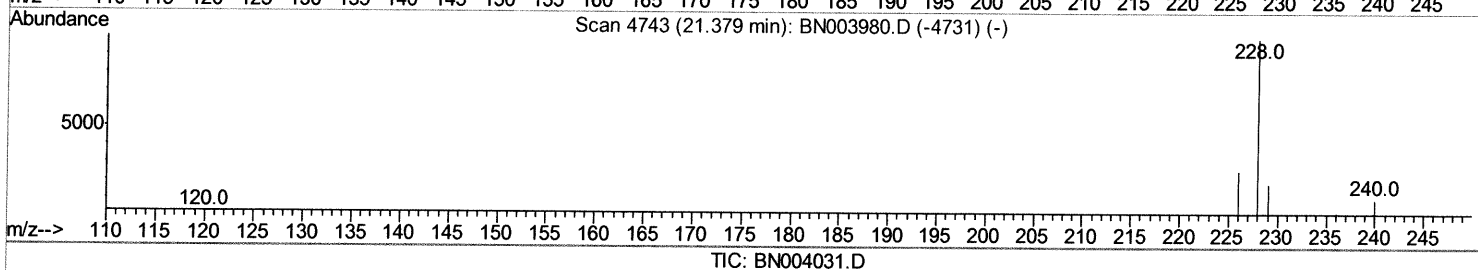
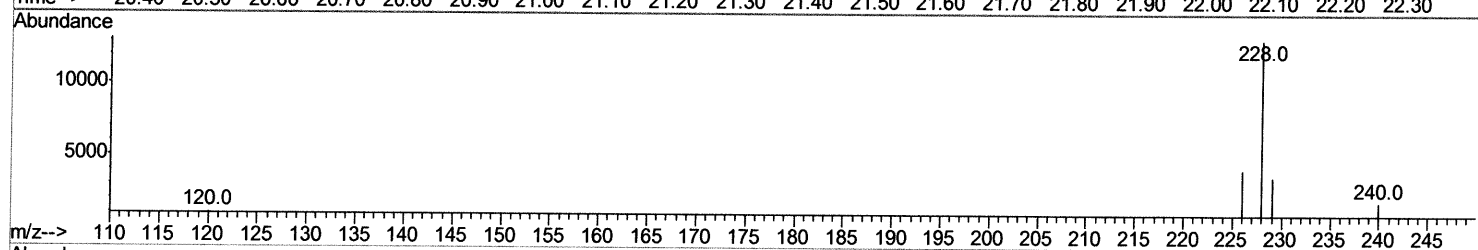
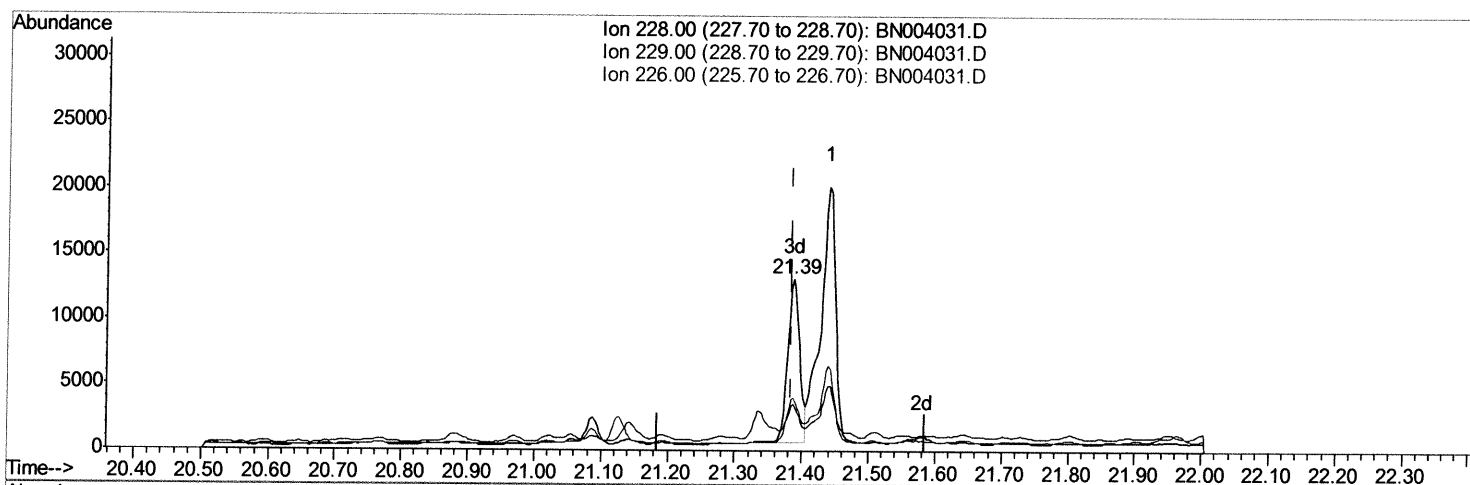
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
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Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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Response via : Initial Calibration



(18) Benzo(a)anthracene

21.387min (+0.002) 0.30ng/ul m

response 15516

Ion Exp% Act%

228.00 100 100

229.00 19.50 27.05#

226.00 26.40 31.05

0.00 0.00 0.00

> SJ
12/17/18

Quantitation Report (Qedit)

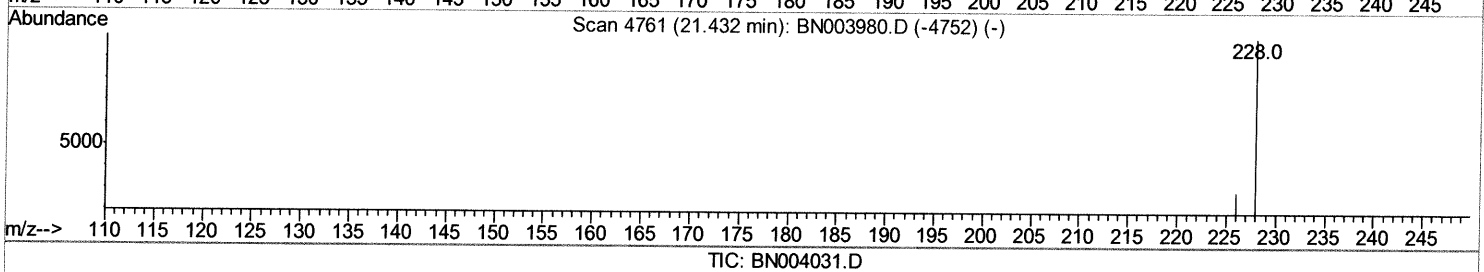
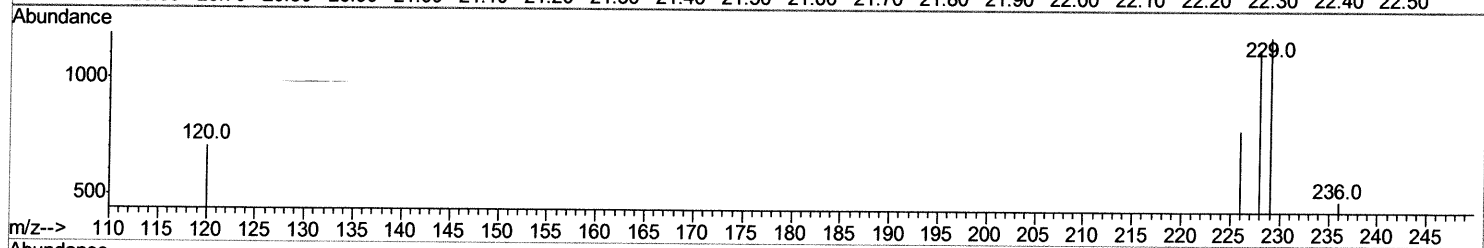
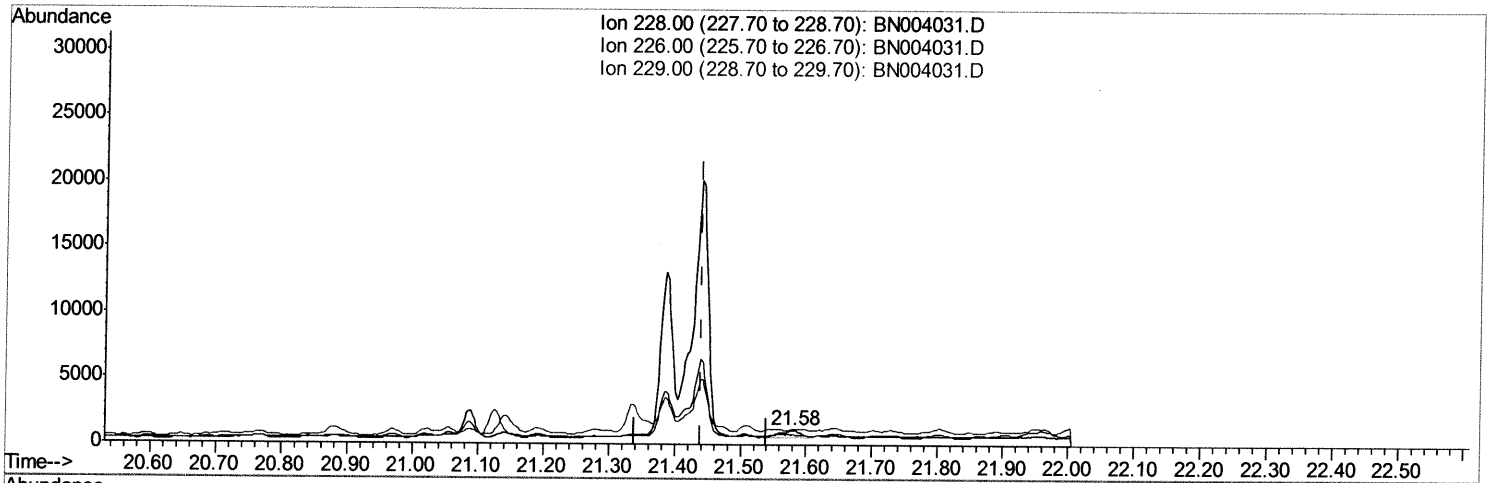
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 2018
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TIC: BN004031.D

(19) Chrysene

21.579min (+0.139) 0.02ng/ul

response 1189

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	69.07#
229.00	19.60	104.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

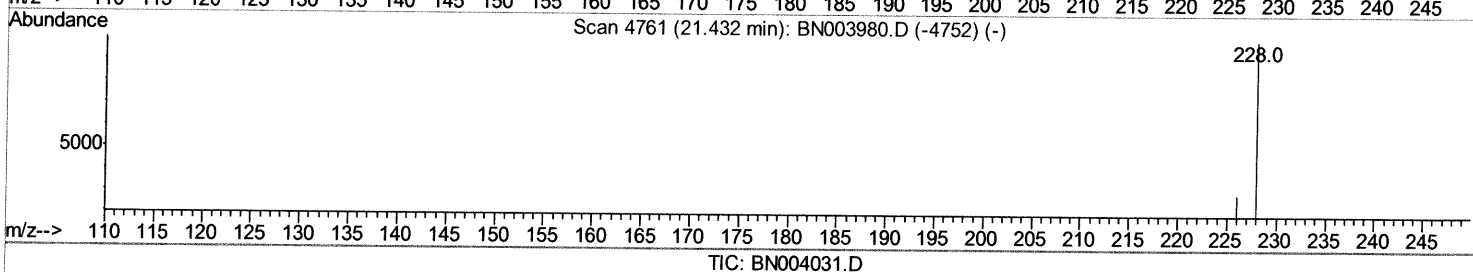
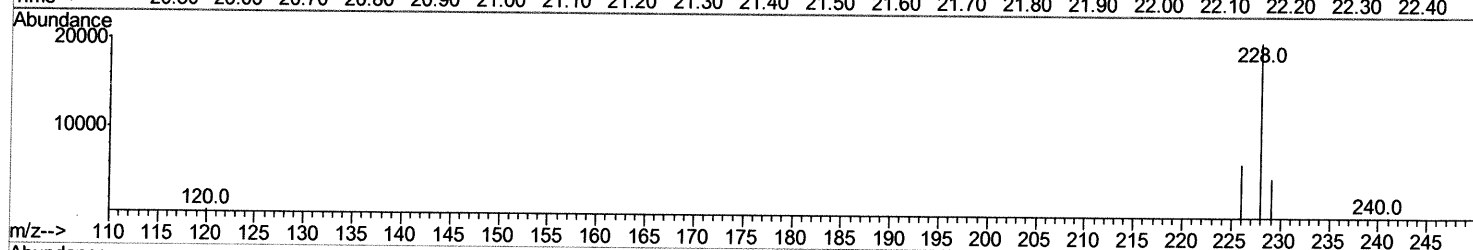
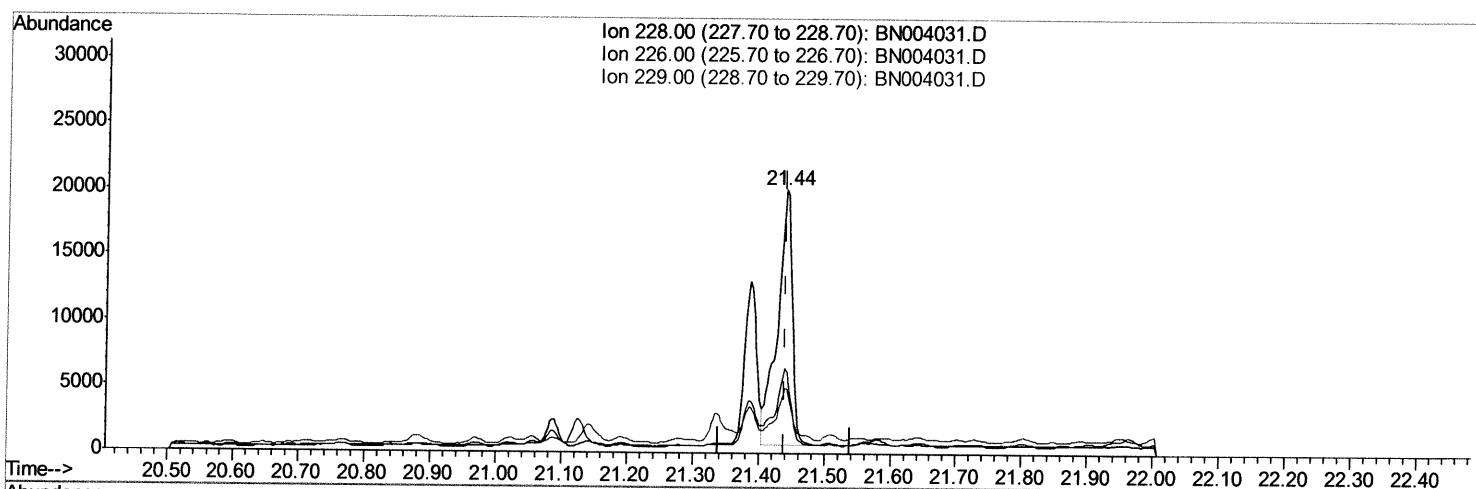
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 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

21.439min (-0.001) 0.52ng/ul m

response 30606

Ion Exp% Act%

228.00 100 100

226.00 30.00 32.17

229.00 19.60 24.38#

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

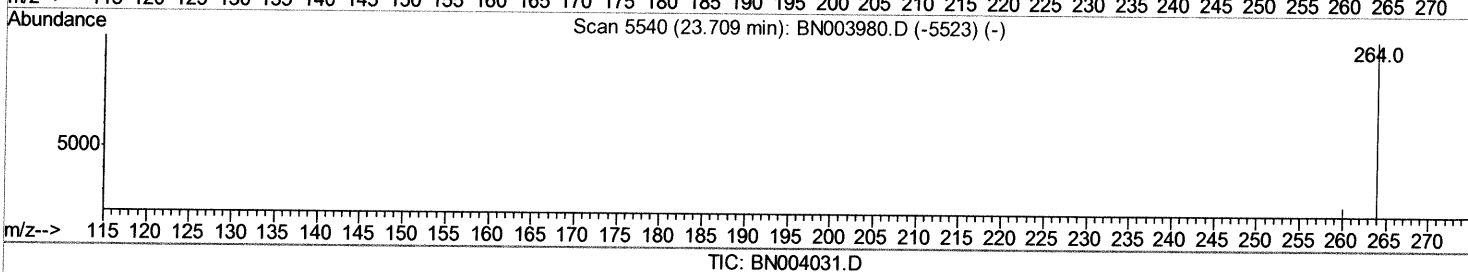
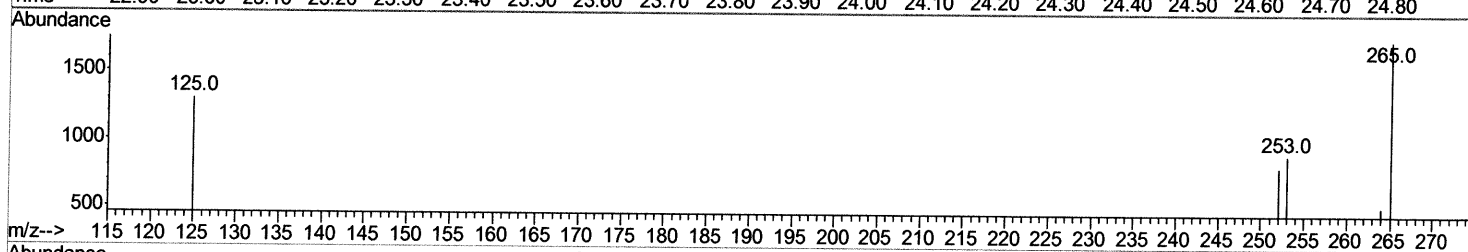
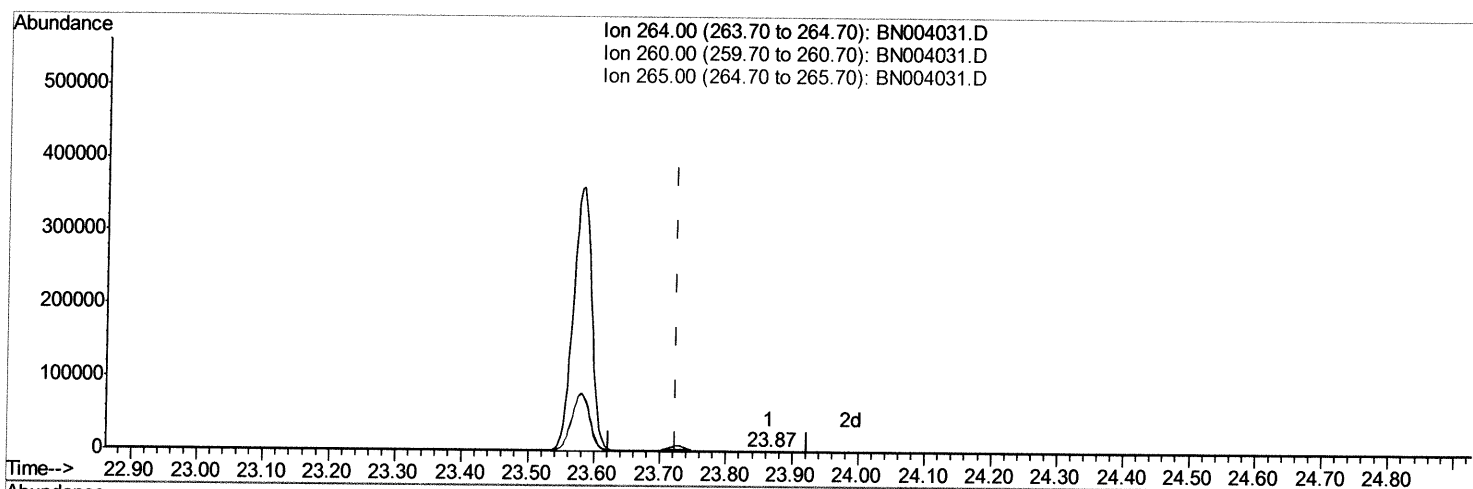
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 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)

23.865min (+0.142) 0.40ng/ul

response 138

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	88.27#
265.00	33.50	336.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

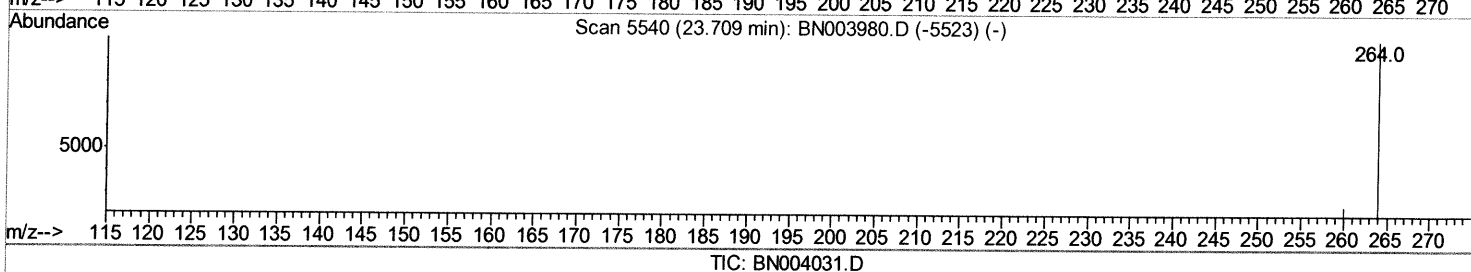
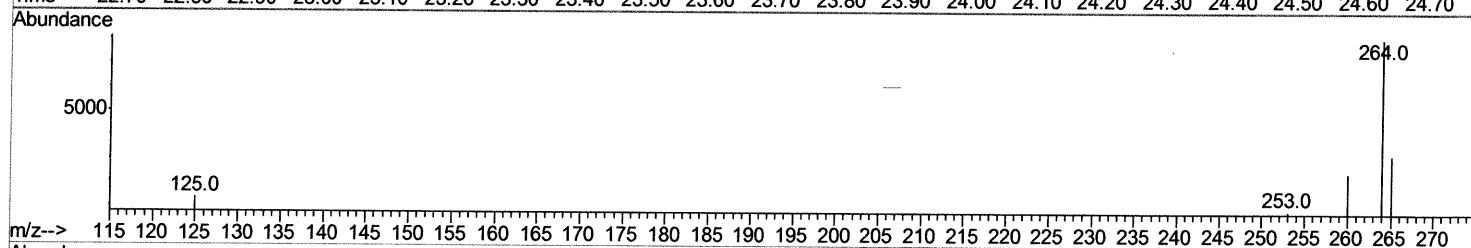
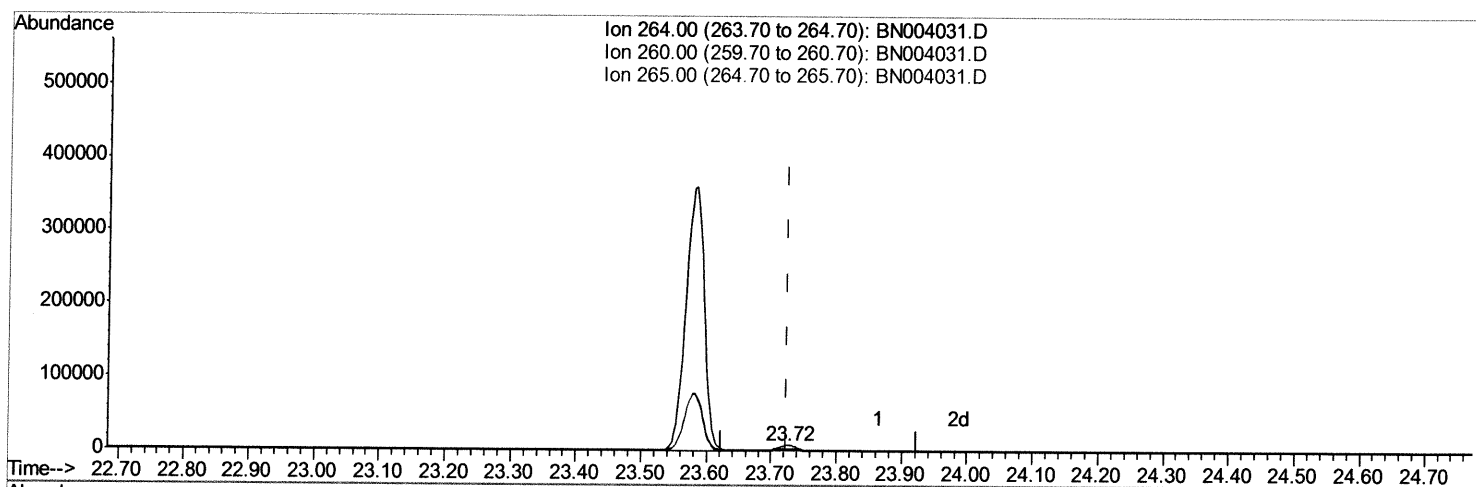
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:47:49 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)

23.725min (+0.002) 0.40ng/ul m

response 14734

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	30.28
265.00	33.50	39.60
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

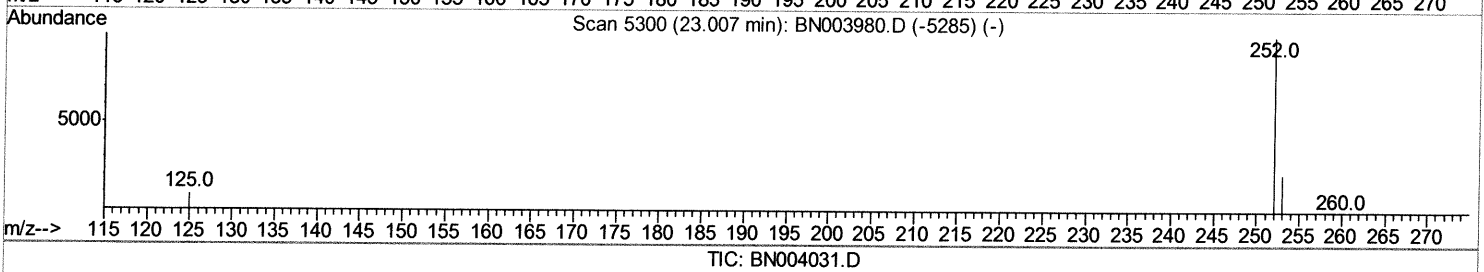
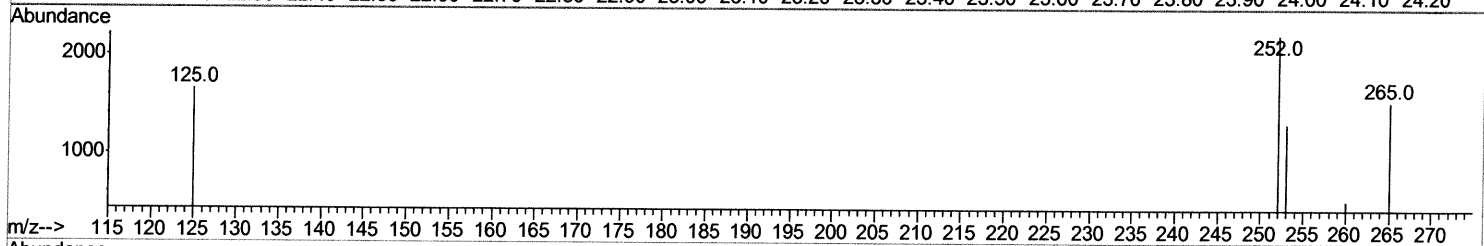
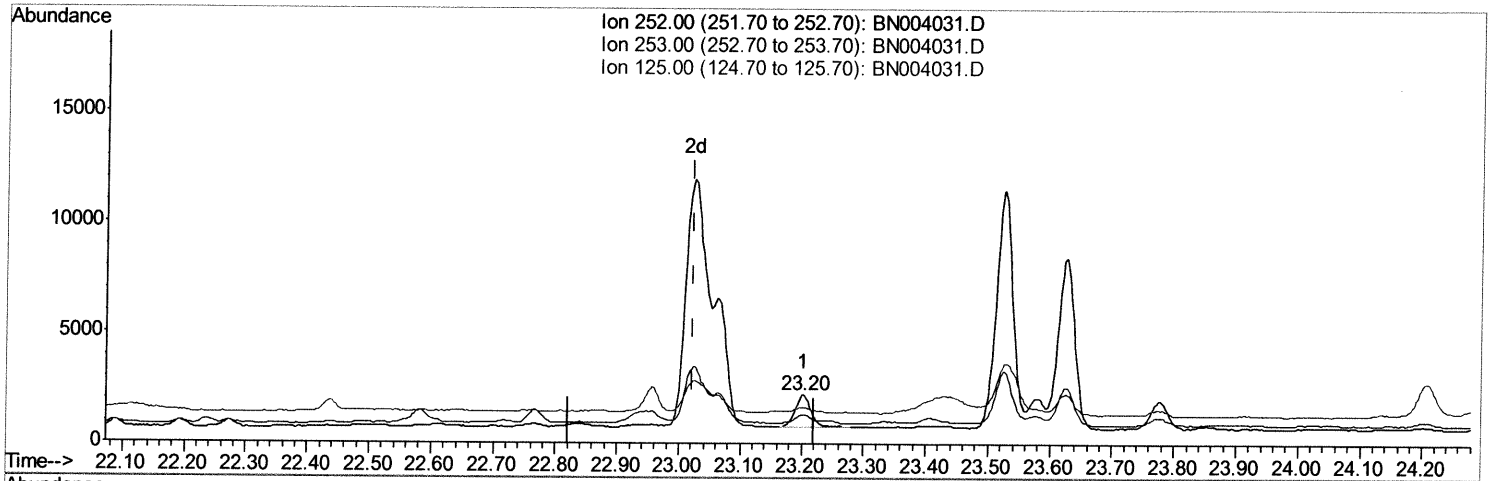
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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
 23.202min (+0.180) 0.04ng/ul
 response 2735

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	59.36#
125.00	11.20	74.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

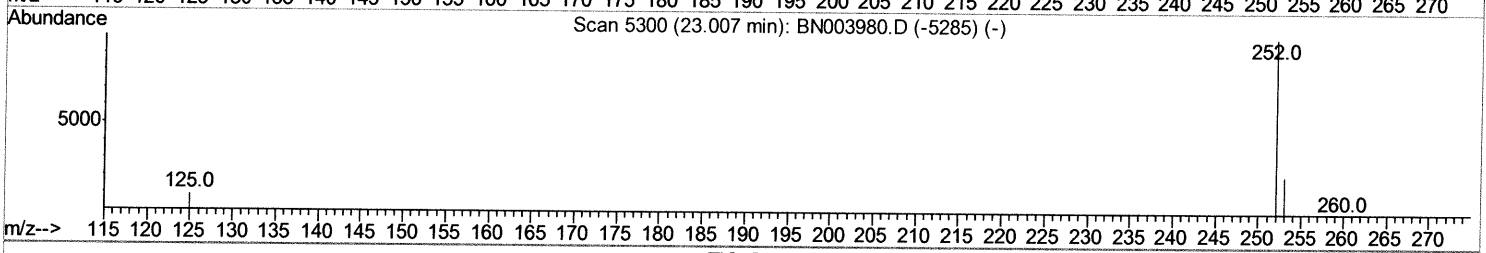
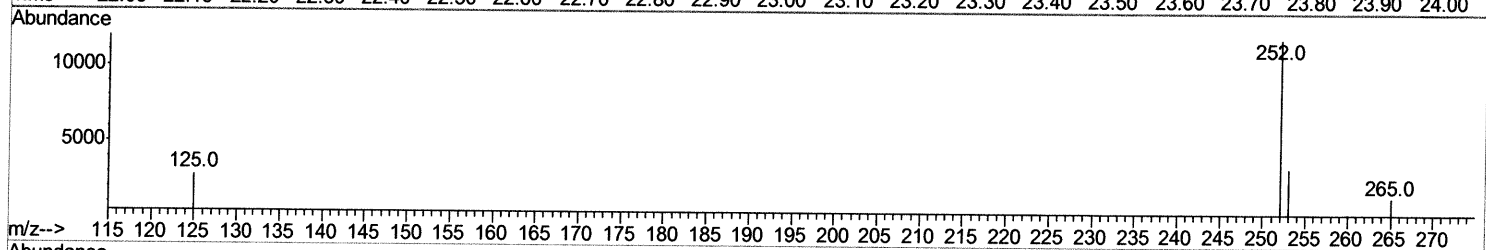
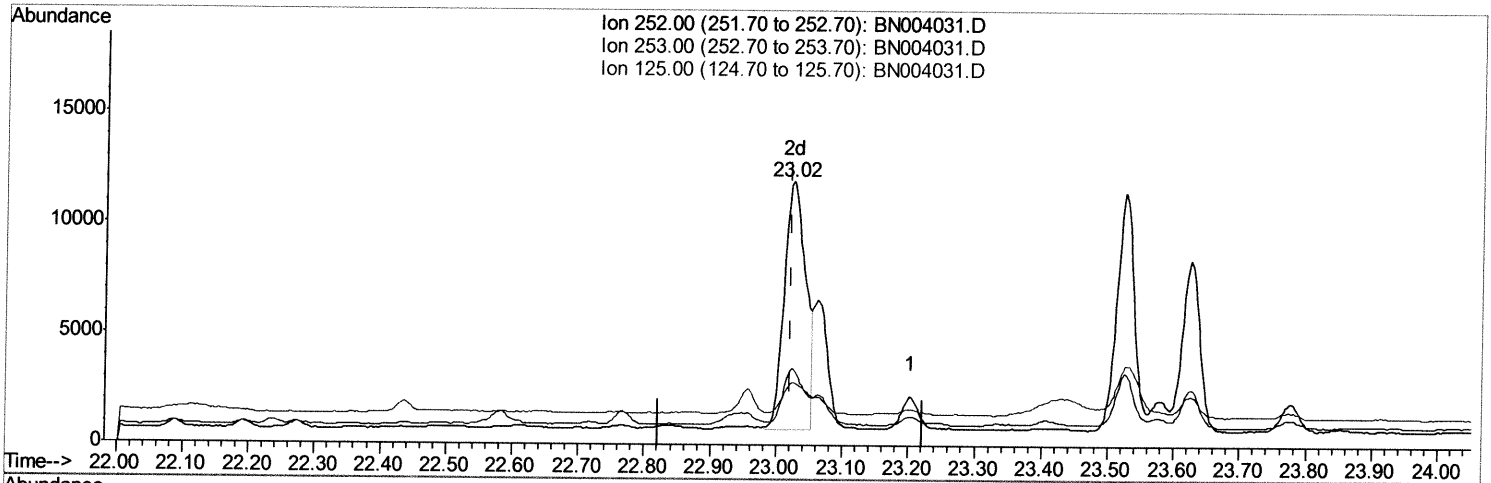
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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

23.023min (+0.001) 0.42ng/ul m >

response 25416

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	28.89
125.00	11.20	23.52#
0.00	0.00	0.00

SJ
 12/17/18

Quantitation Report (Qedit)

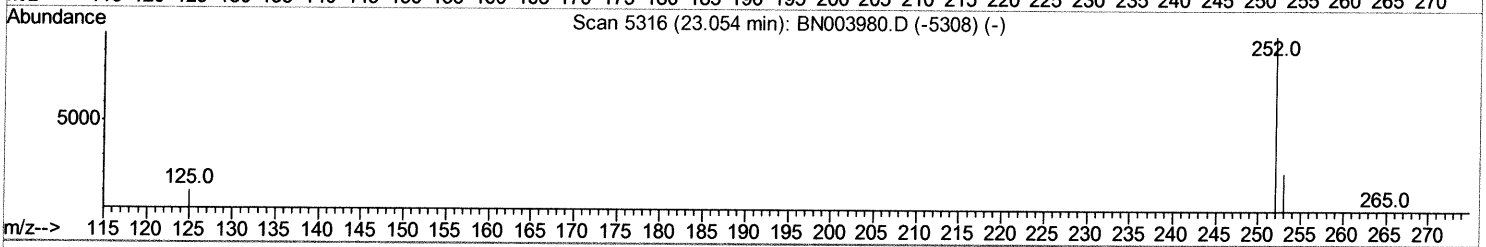
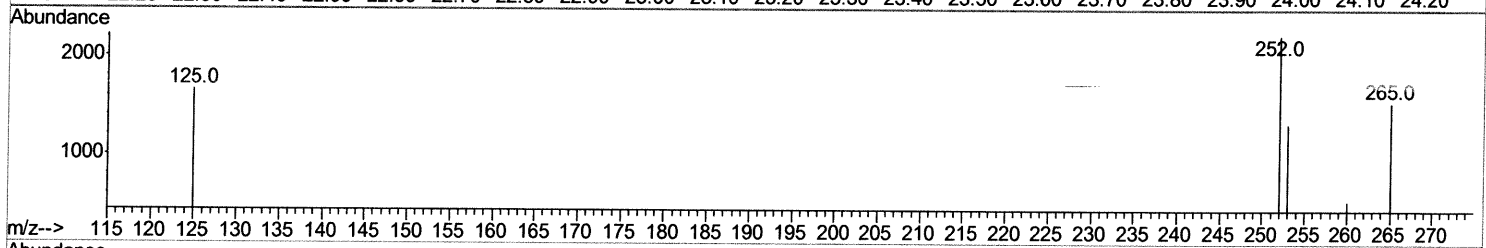
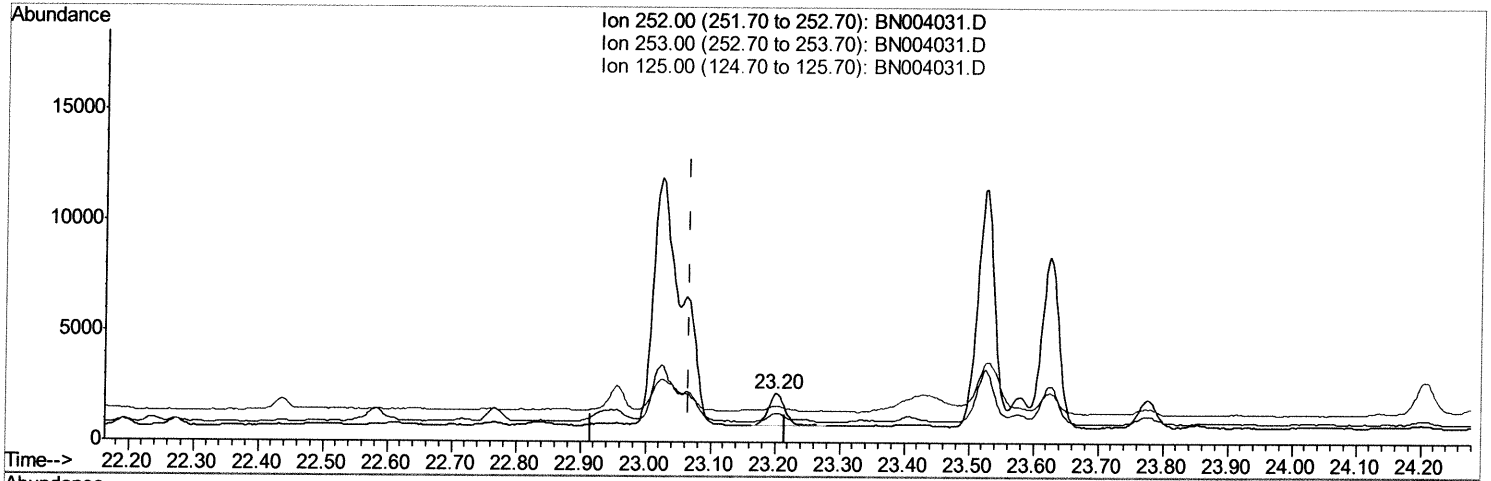
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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: BN004031.D

(22) Benzo(k)fluoranthene

23.202min (+0.136) 0.05ng/ul

response 2735

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	59.36#
125.00	11.30	74.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

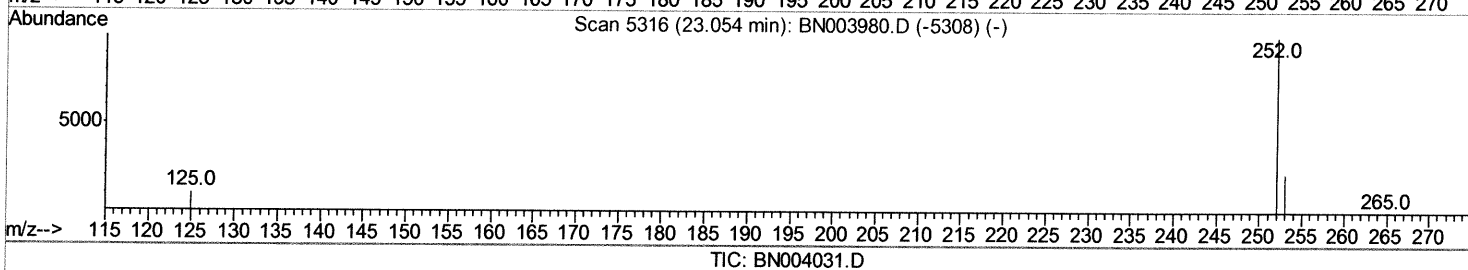
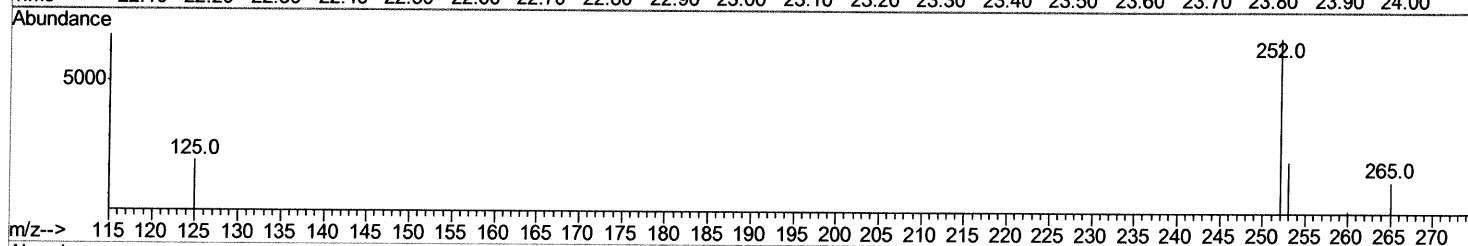
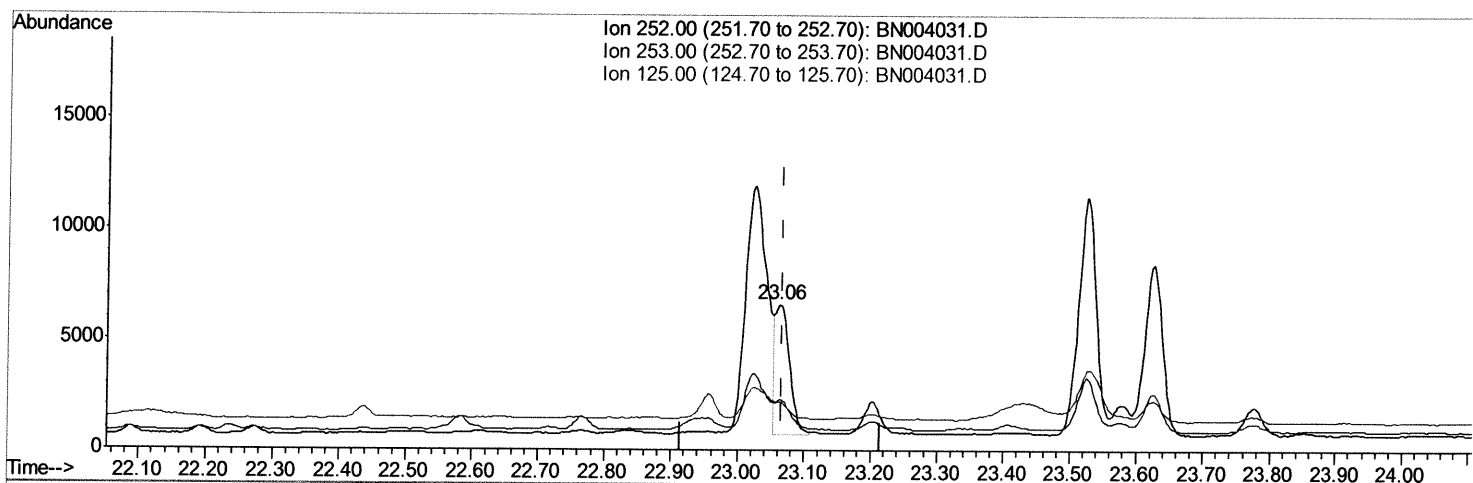
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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

23.061min (-0.004) 0.15ng/ul m

response 8866

Ion Exp% Act%

252.00 100 100

253.00 23.10 34.32#

125.00 11.30 33.37#

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

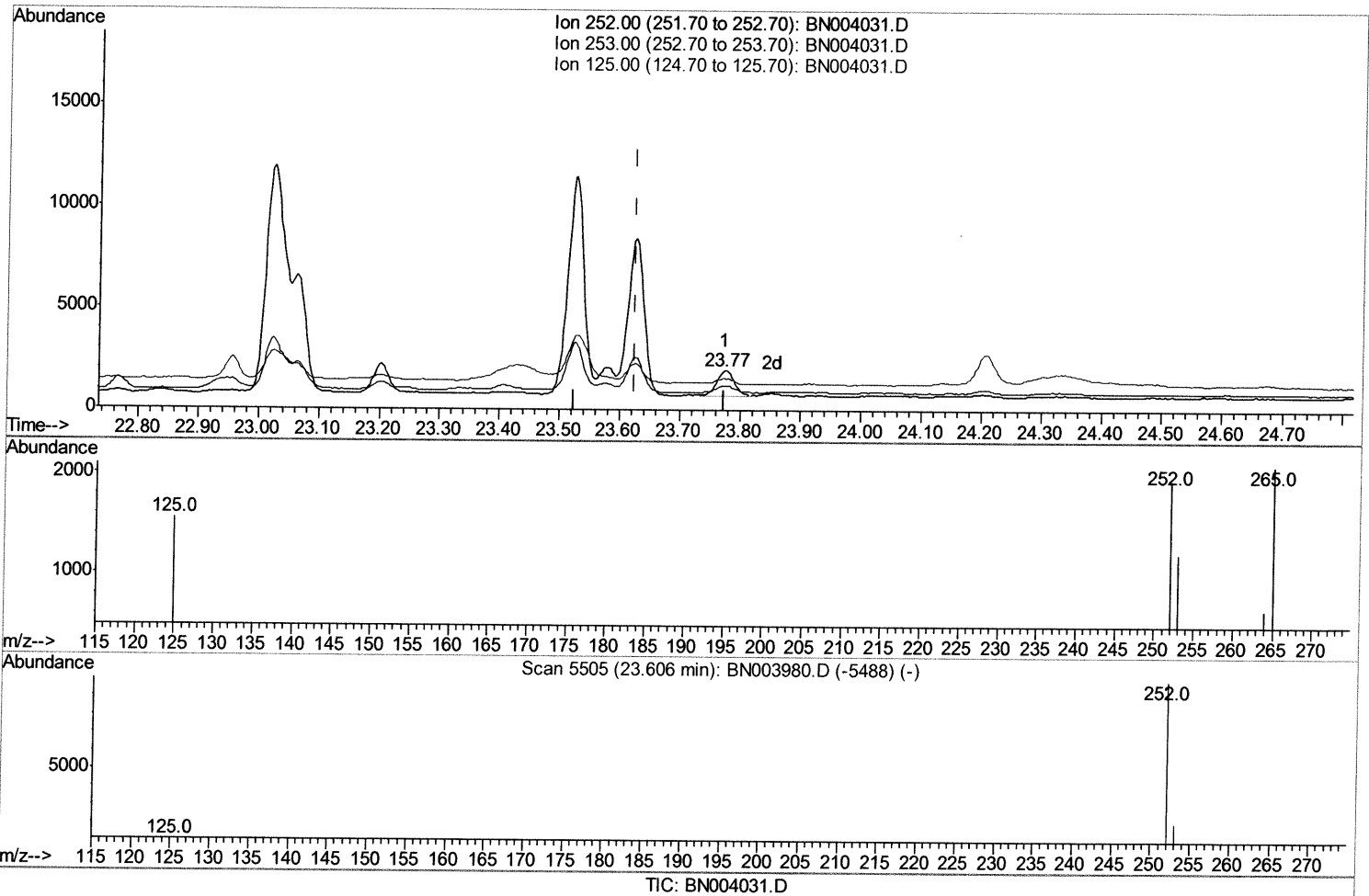
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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



(23) Benzo(a)pyrene (C)
 23.775min (+0.151) 0.05ng/ul
 response 2483

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	62.26#
125.00	12.80	79.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

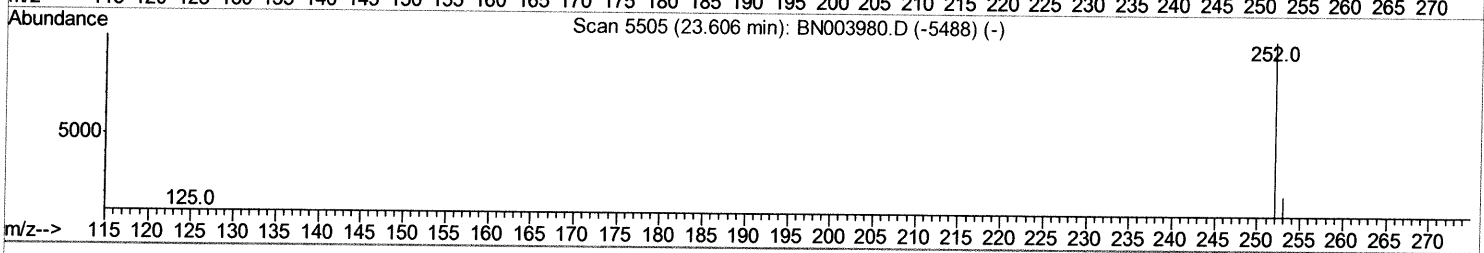
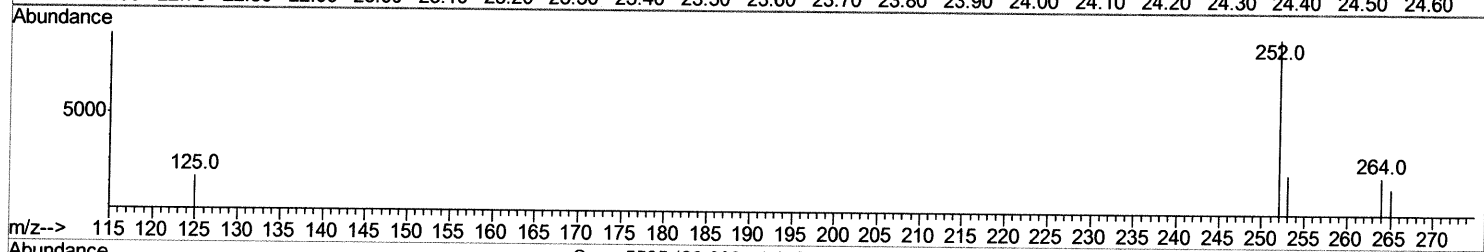
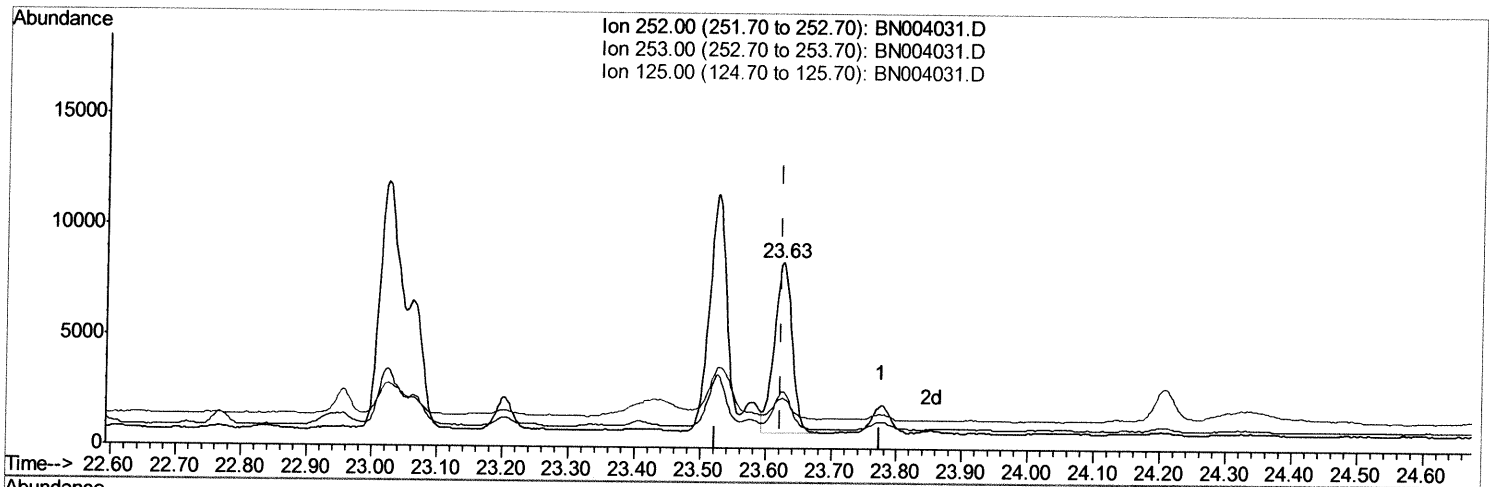
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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: BN004031.D

(23) Benzo(a)pyrene (C)

23.626min (+0.001) 0.27ng/ul m

response 14514

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	30.66#
125.00	12.80	27.08#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

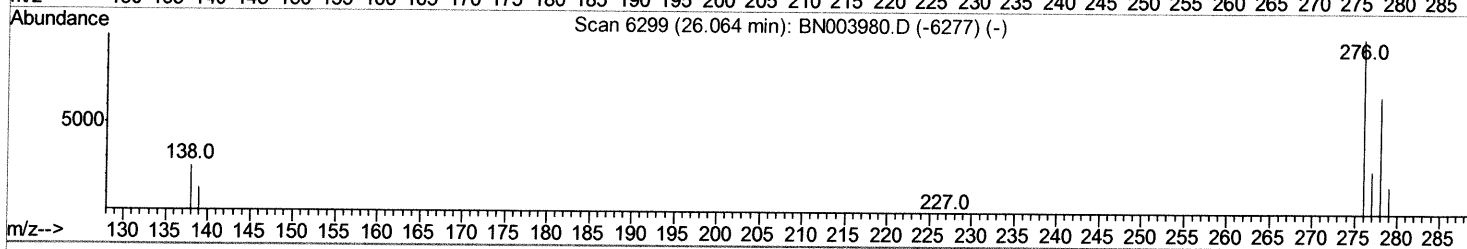
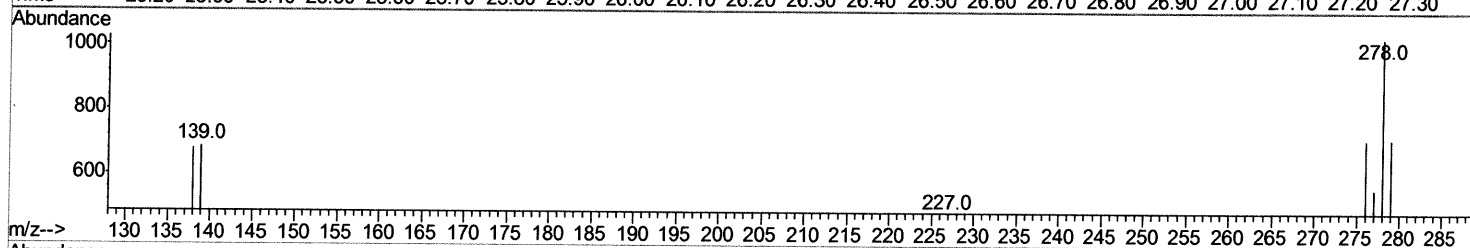
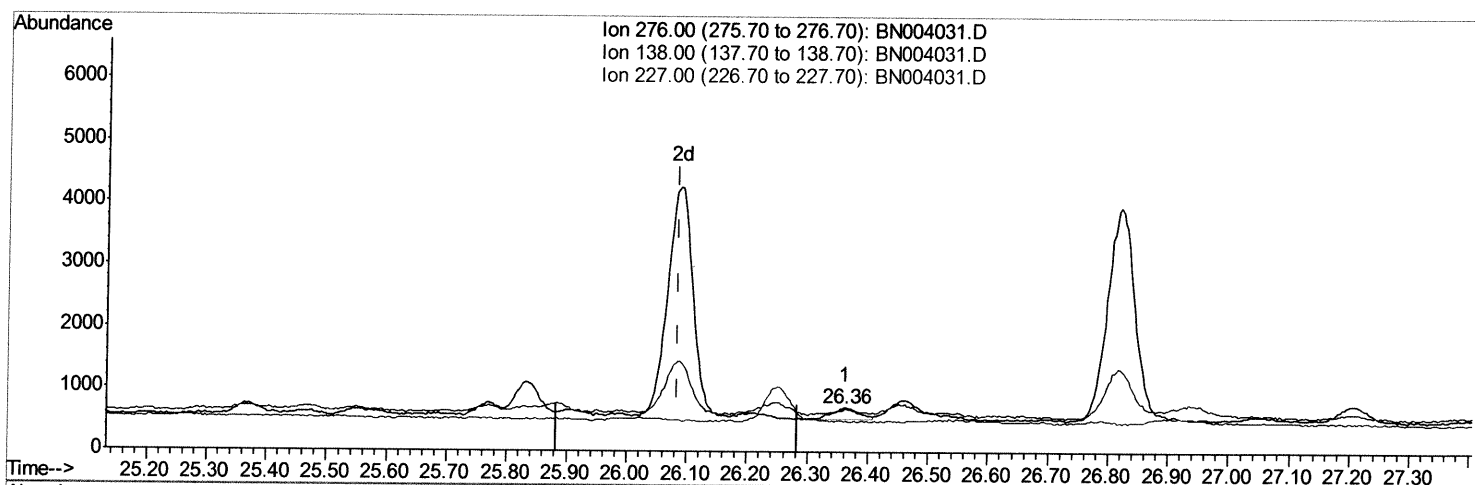
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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: BN004031.D

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

26.361min (+0.277) 0.01ng/ul

response 606

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	47.19#
227.00	0.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

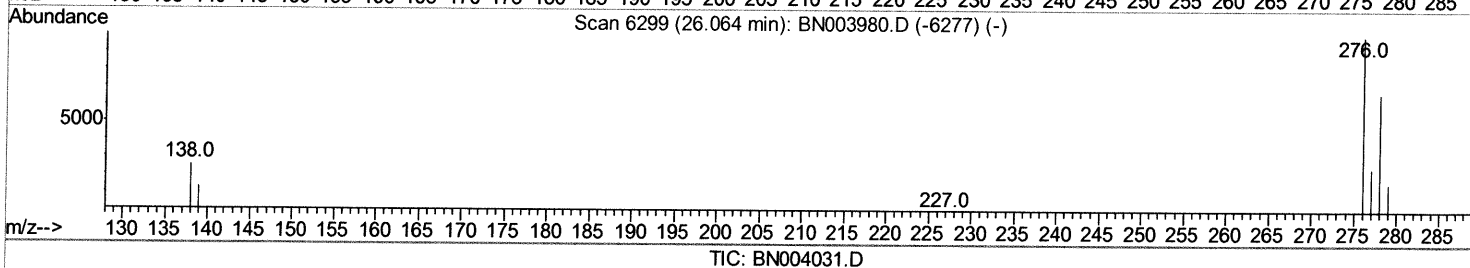
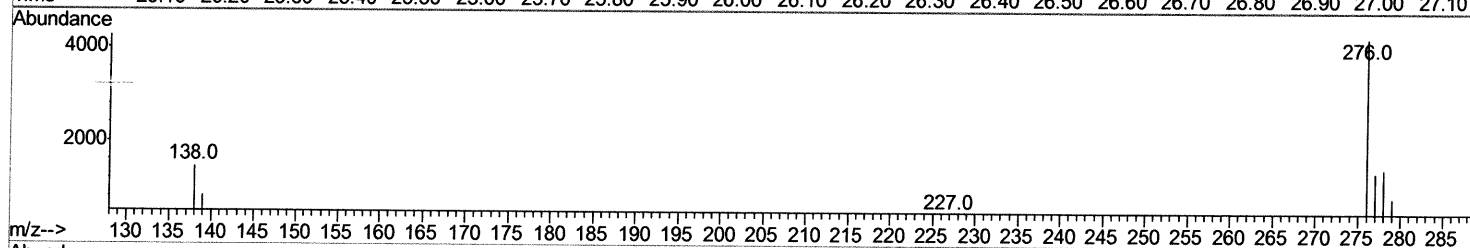
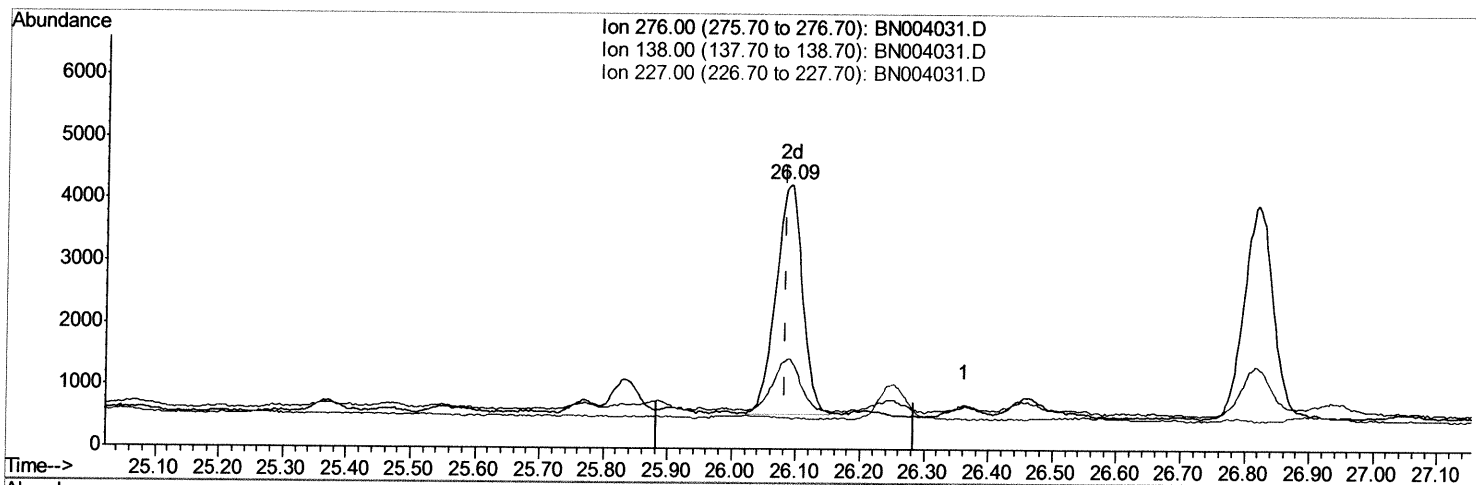
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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



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

26.089min (+0.005) 0.18ng/ul m

response 10681

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	2.68#
227.00	0.20	0.00#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

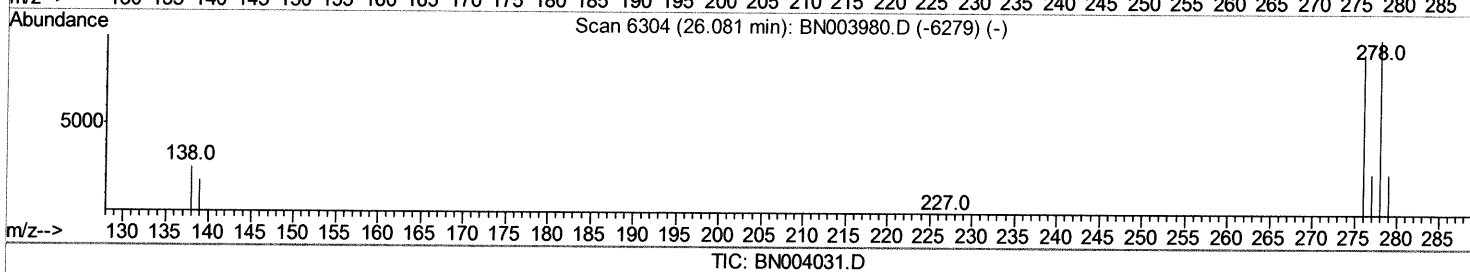
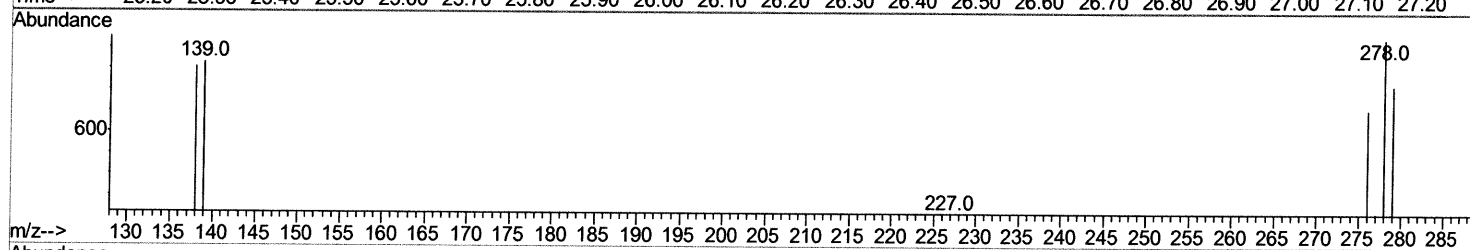
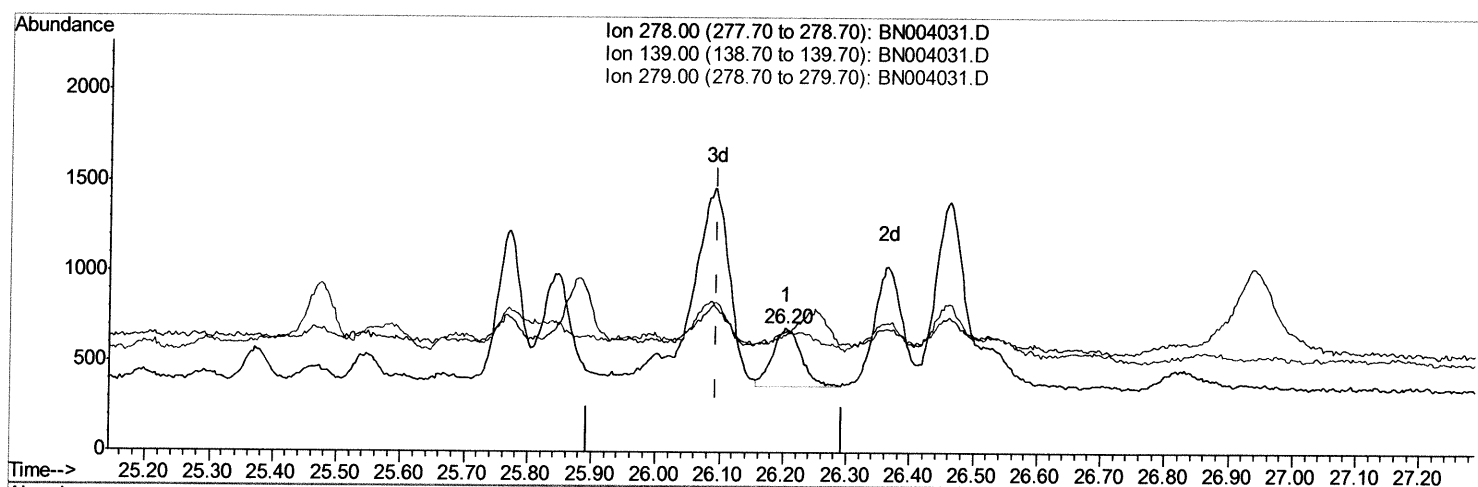
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004031.D
Acq On : 17 Dec 2018 12:28
Operator : JU/SJ
Sample : J6228-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E52

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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

26.203min (+0.109) 0.02ng/ul

response 1033

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	96.52#
279.00	24.70	93.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

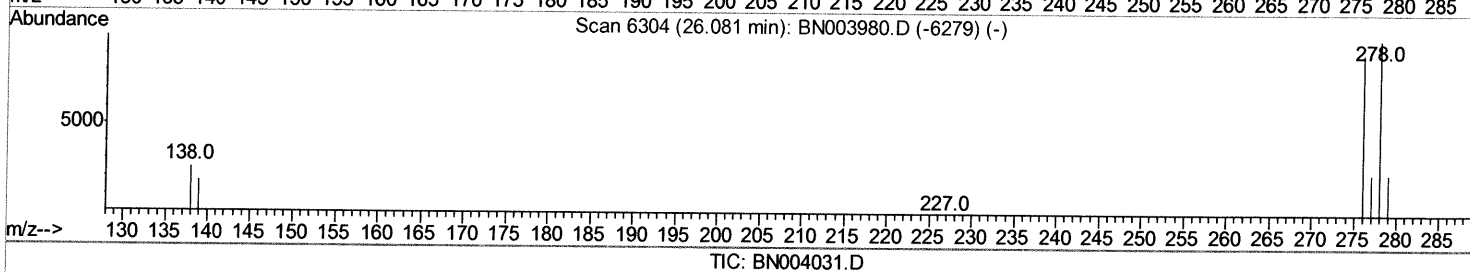
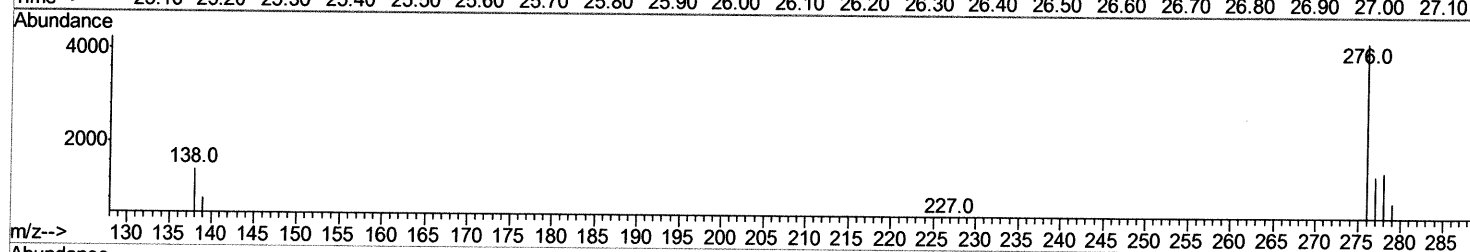
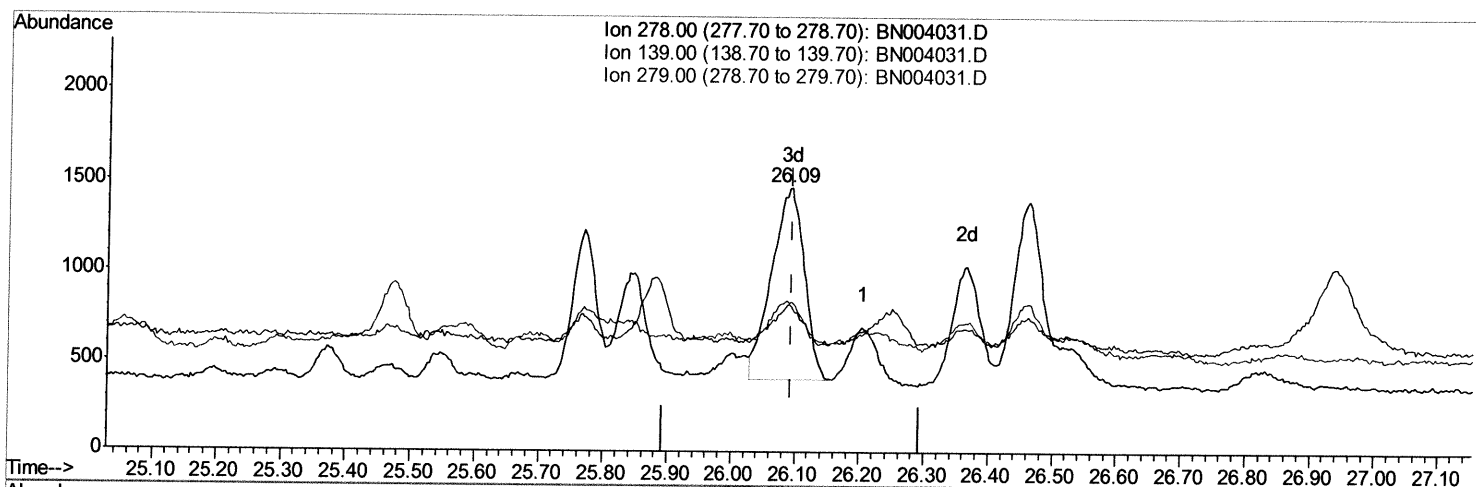
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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

26.092min (-0.002) 0.08ng/ul m

response 3788

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	55.05#
279.00	24.70	56.69#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

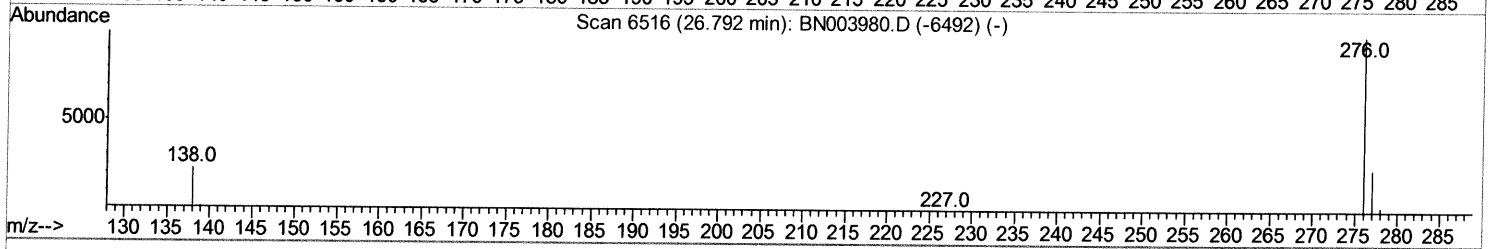
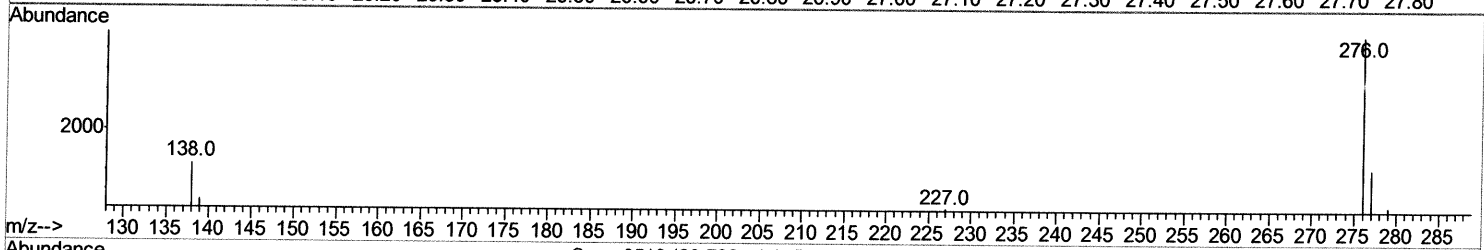
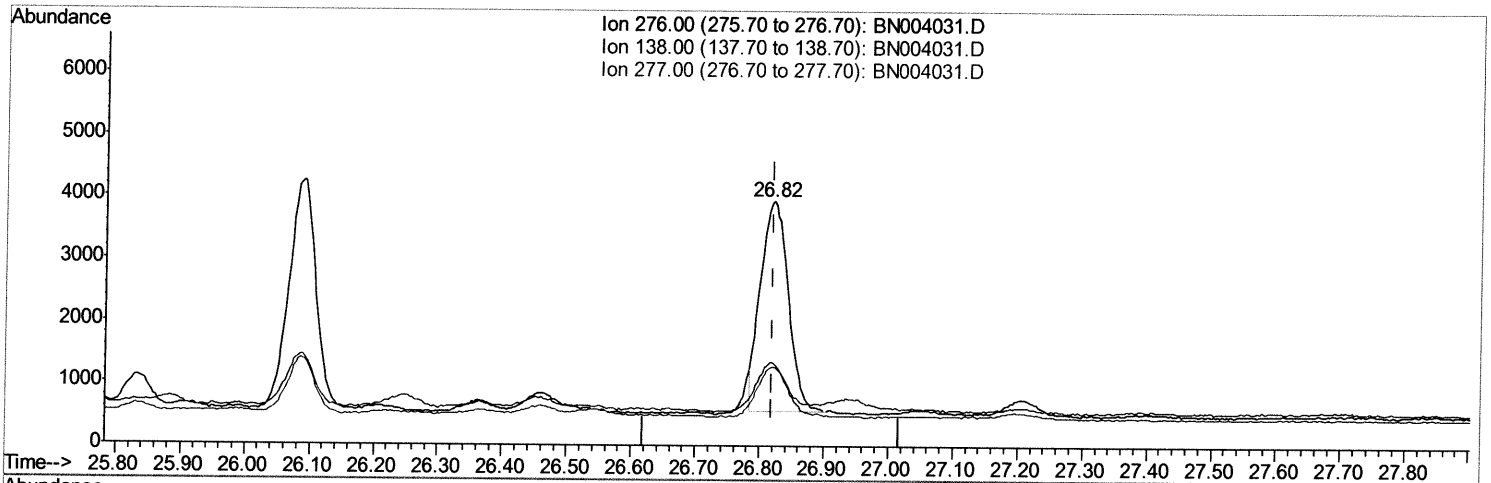
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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: BN004031.D

(26) Benzo(g,h,i)perylene
 26.820min (+0.001) 0.19ng/ul
 response 10117

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	34.00#
277.00	24.10	32.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

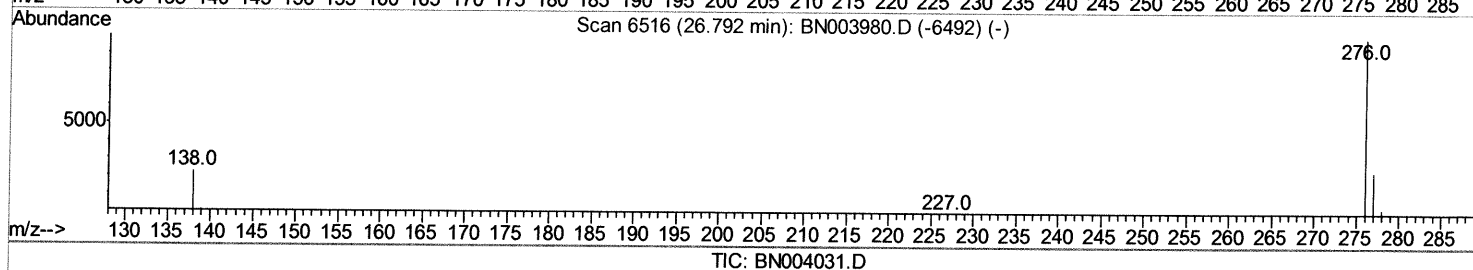
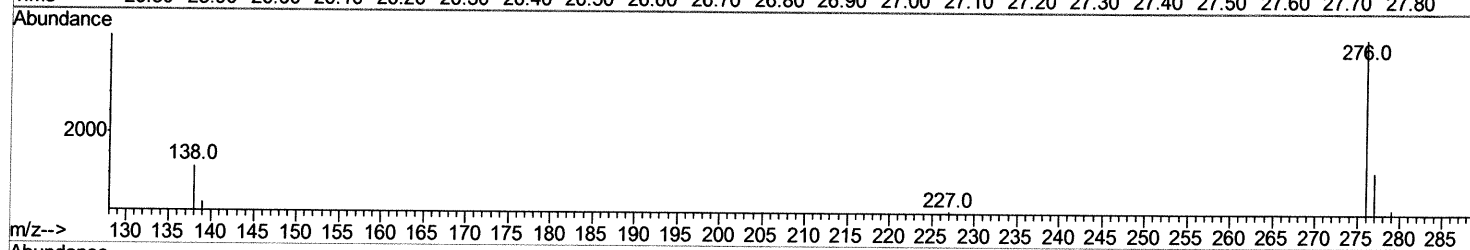
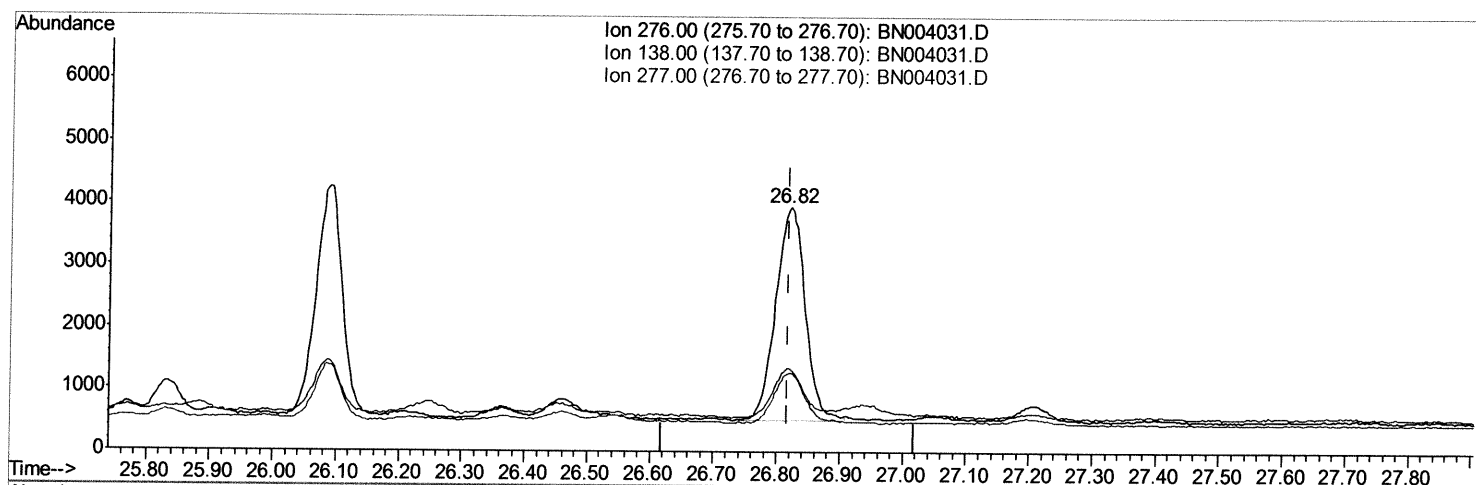
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:49:21 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



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

26.820min (+0.001) 0.21ng/ul m

response 11023

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	34.00#
277.00	24.10	32.58#
0.00	0.00	0.00

> 55
 12/17/18

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004031.D
 Acq On : 17 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6228-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E52

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:05 PM

Quant Time: Dec 17 14:52:20 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	1648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8668	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14173m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16136m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14734m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2783	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9220m	0.22	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.68	128	781	0.032	ng/ul#	72
5) 2-Methylnaphthalene	12.29	142	1340	0.079	ng/ul	100
7) Acenaphthylene	14.19	152	2224	0.091	ng/ul#	90
12) Phenanthrene	17.26	178	24164	0.519	ng/ul	99
13) Anthracene	17.35	178	2200m	0.058	ng/ul	
15) Fluoranthene	19.28	202	31815m	0.579	ng/ul	
17) Pyrene	19.64	202	41686	0.720	ng/ul	99
18) Benzo(a)anthracene	21.39	228	15516m	0.304	ng/ul	
19) Chrysene	21.44	228	30606m	0.525	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	25416m	0.417	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	8866m	0.149	ng/ul	
23) Benzo(a)pyrene	23.63	252	14514m	0.275	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	10681m	0.176	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	3788m	0.078	ng/ul	
26) Benzo(a,h,i)perylene	26.82	276	11023m	0.210	ng/ul	

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

SJ
 12/17/18