

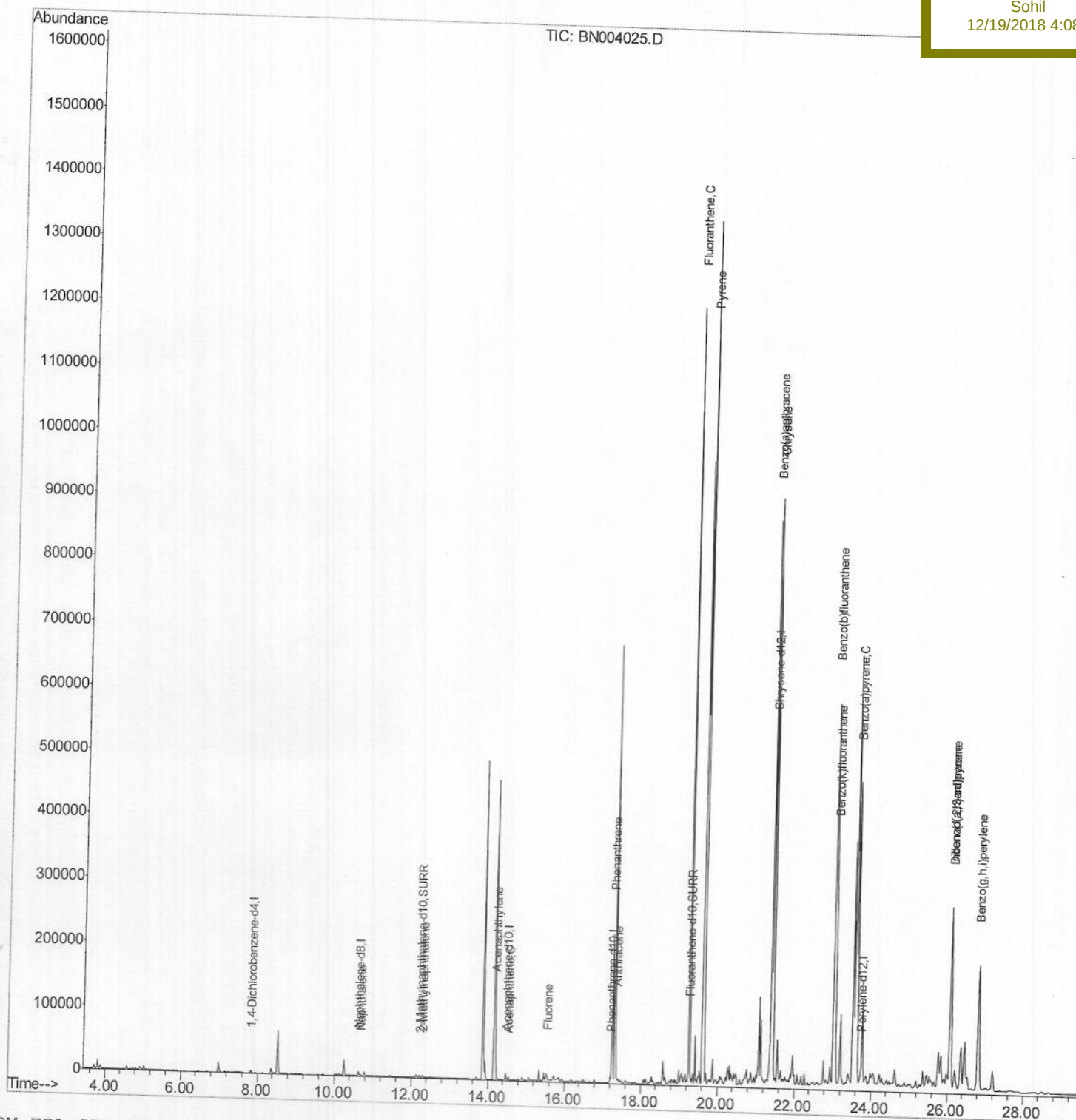
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 18 10:59:58 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)

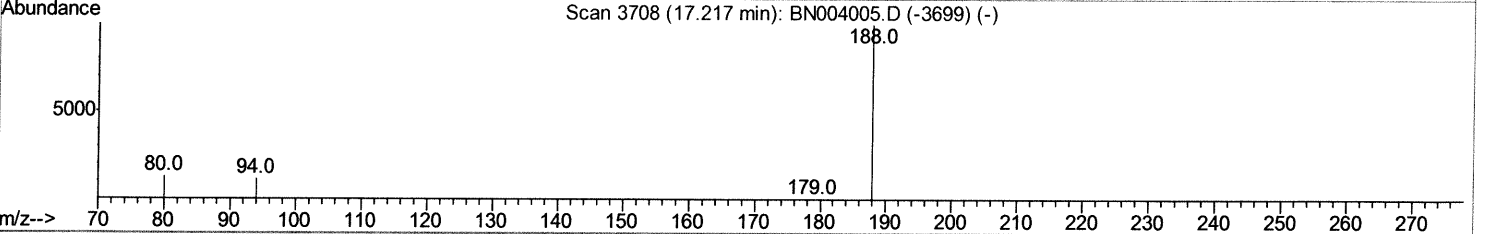
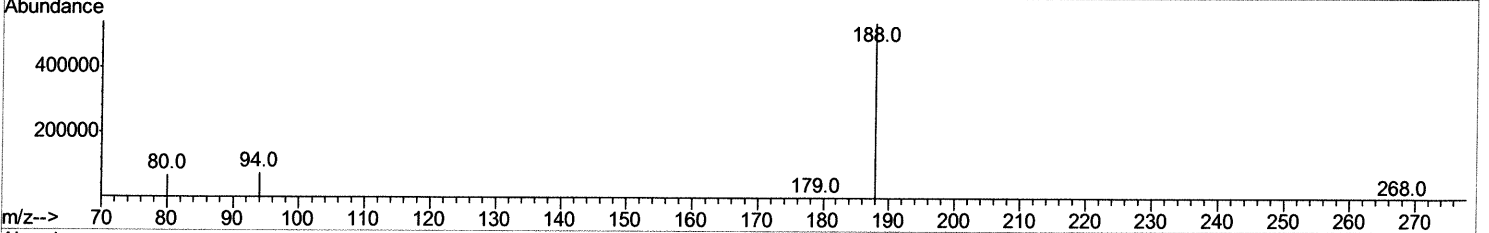
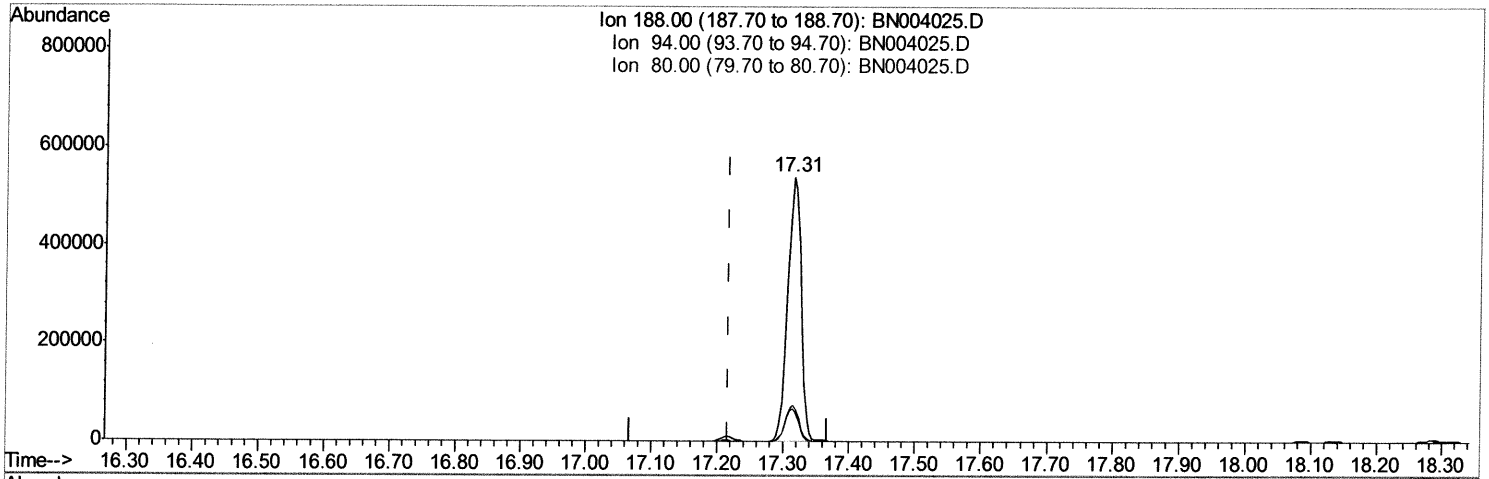
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:30:57 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: BN004025.D

(10) Phenanthrene-d10 (I)
 17.314min (+0.097) 0.40ng/ul
 response 749211

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.74#
80.00	11.60	12.44
0.00	0.00	0.00

Quantitation Report (Qedit)

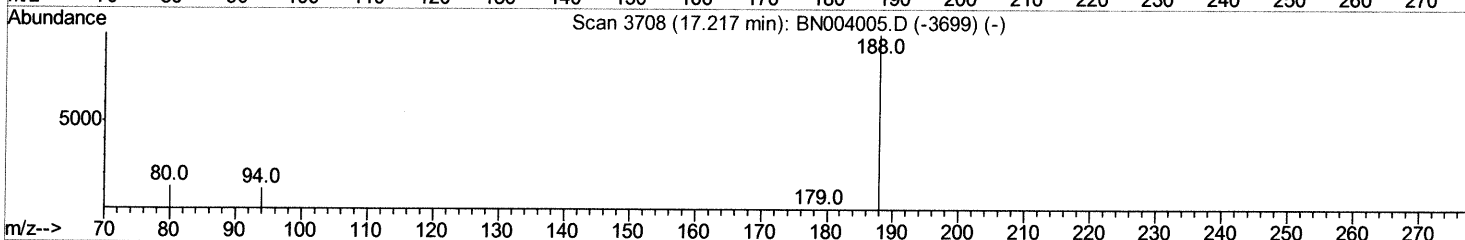
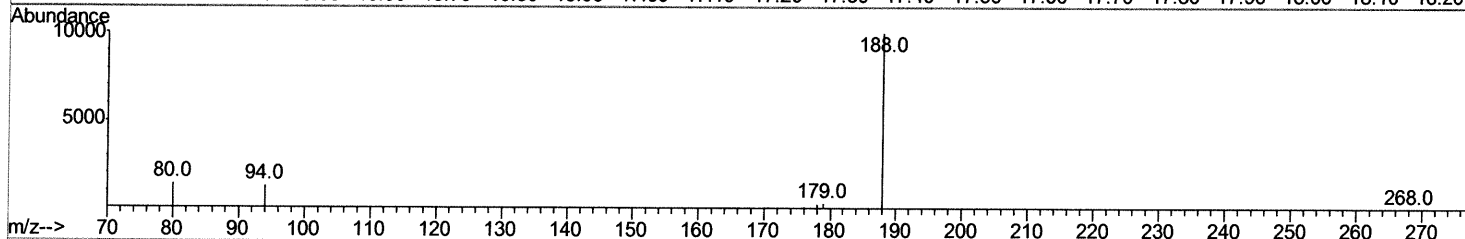
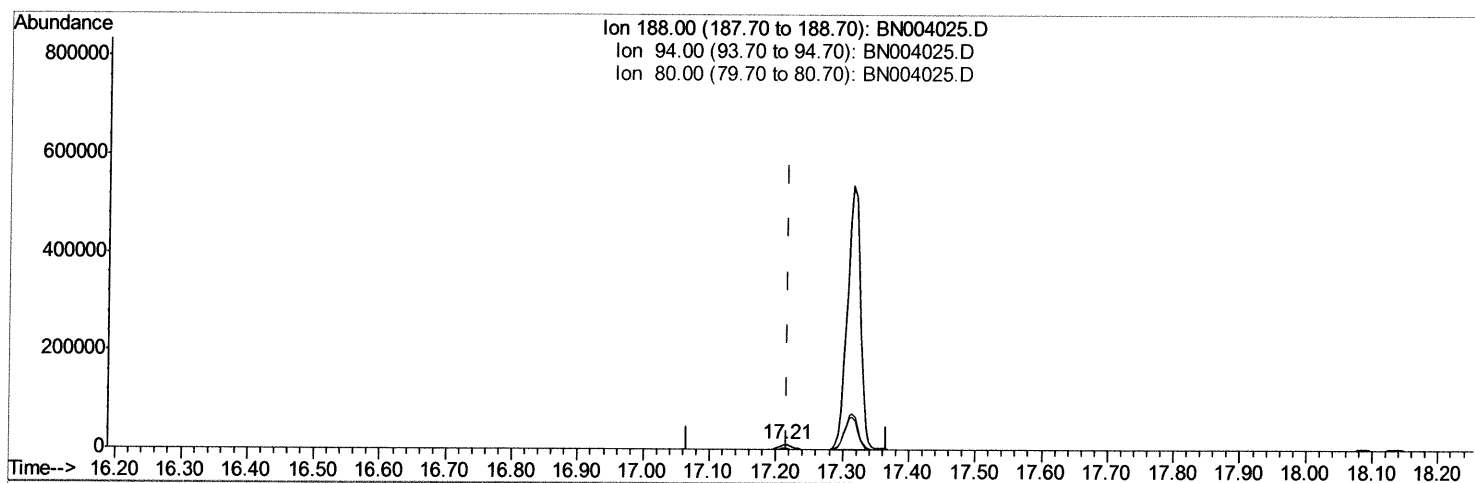
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:30:57 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: BN004025.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 14080

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.00#
80.00	11.60	14.19#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

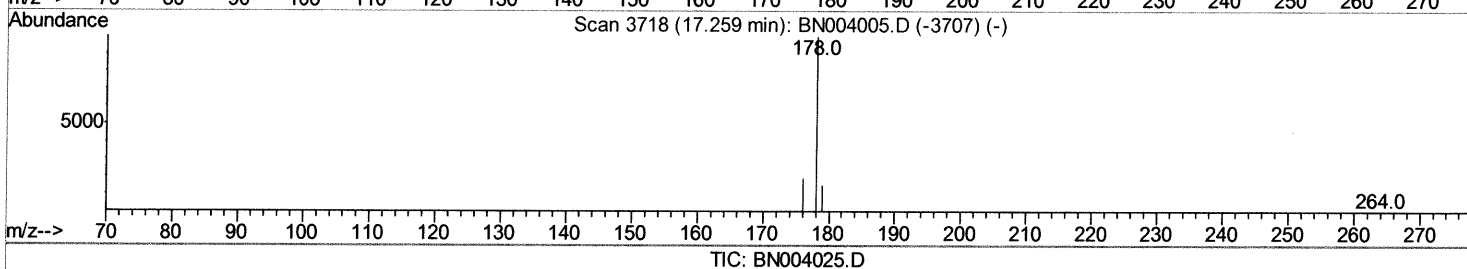
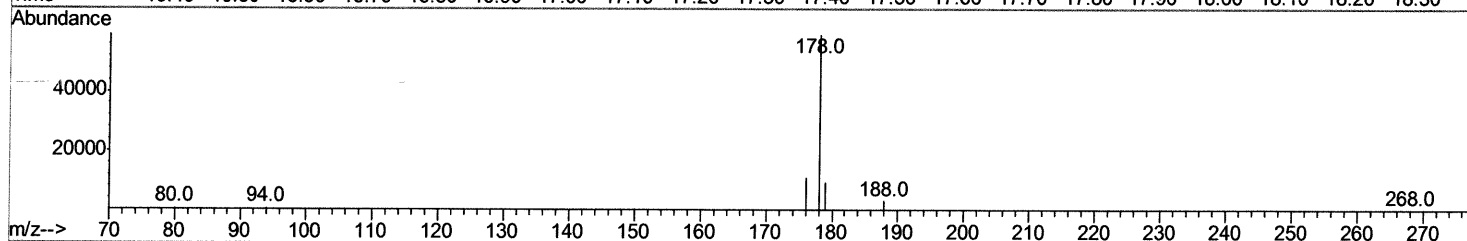
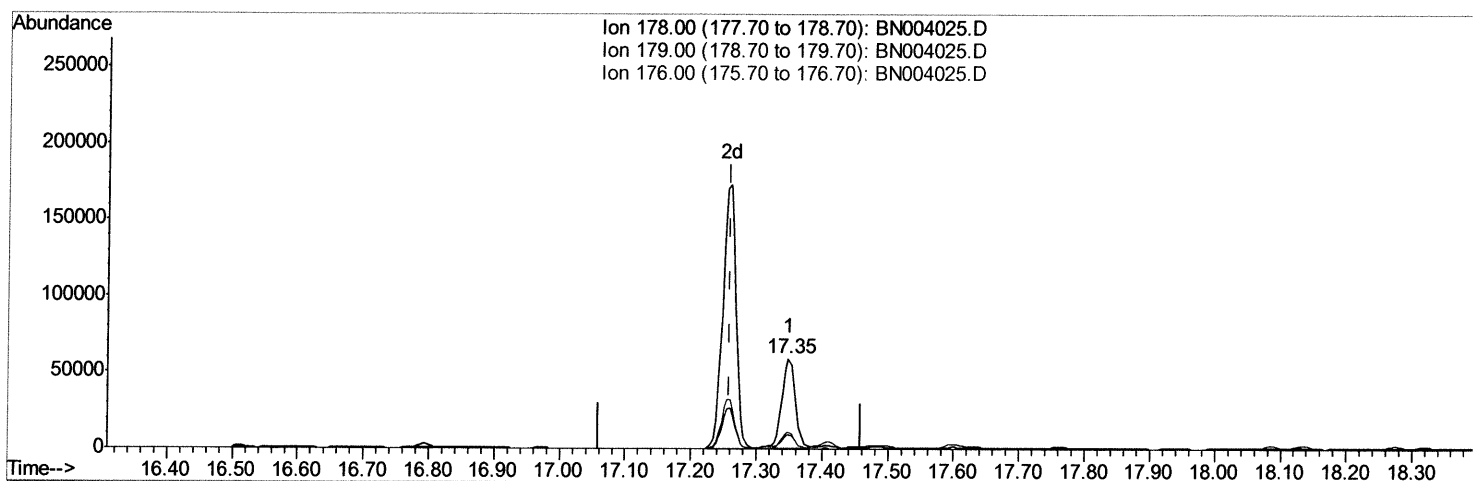
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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 (+0.088) 1.76ng/ul

response 81516

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.55
176.00	18.70	18.48
0.00	0.00	0.00

Quantitation Report (Qedit)

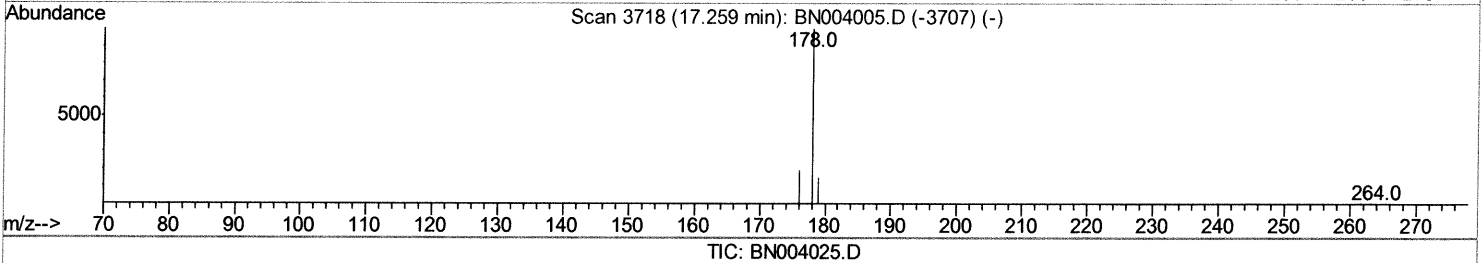
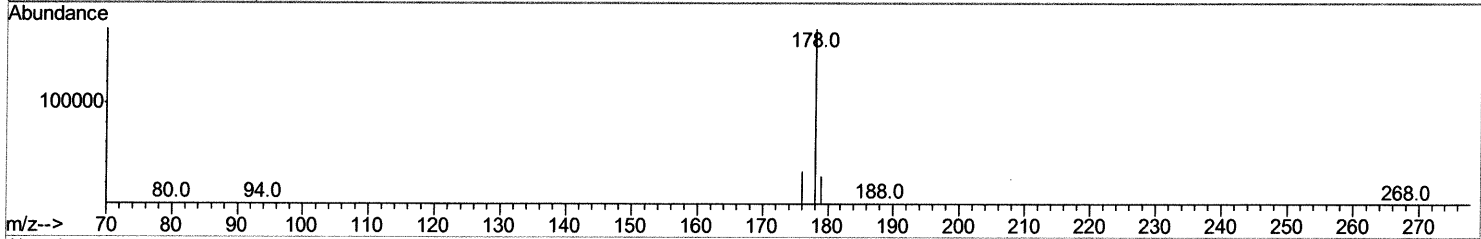
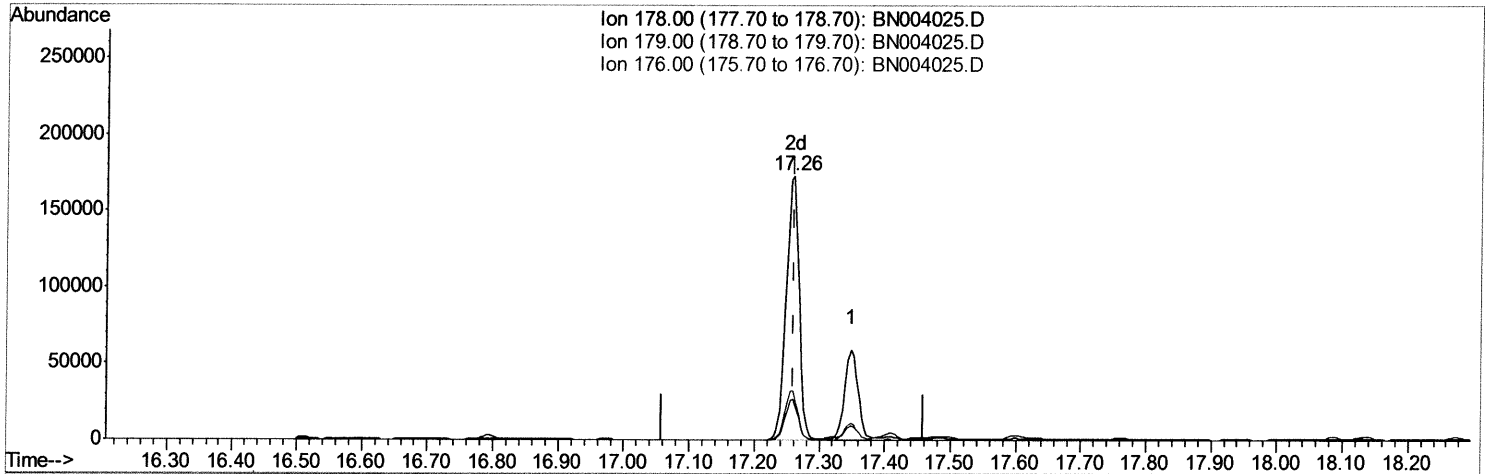
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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) 5.23ng/ul m

response 241685

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.54
176.00	18.70	18.73
0.00	0.00	0.00

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

Quantitation Report (Qedit)

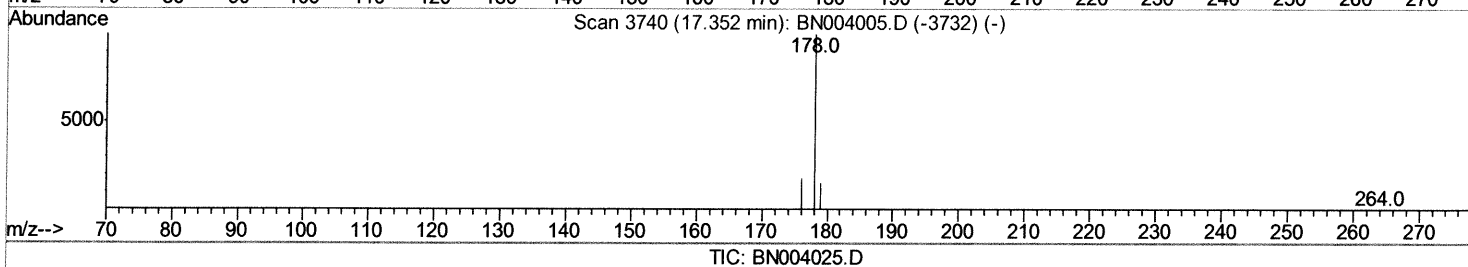
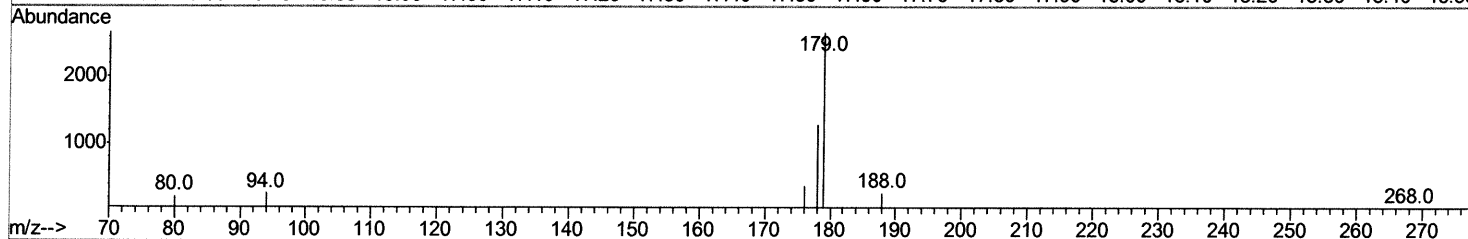
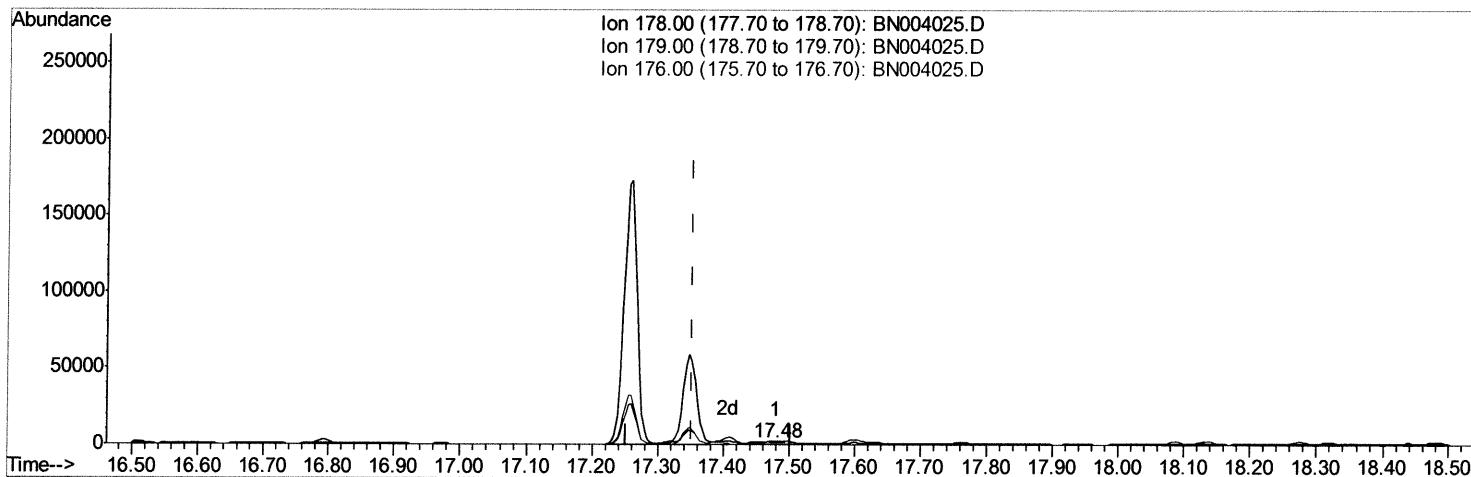
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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: BN004025.D

(13) Anthracene

17.479min (+0.126) 0.05ng/ul

response 1931

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	206.66#
176.00	18.50	28.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

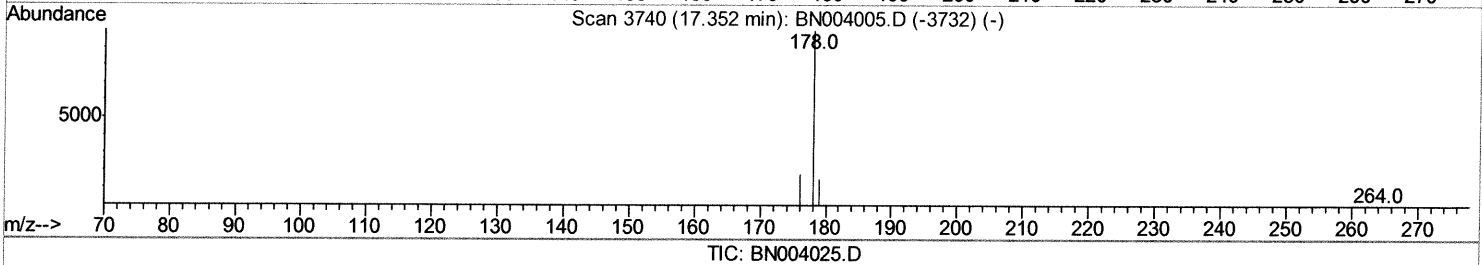
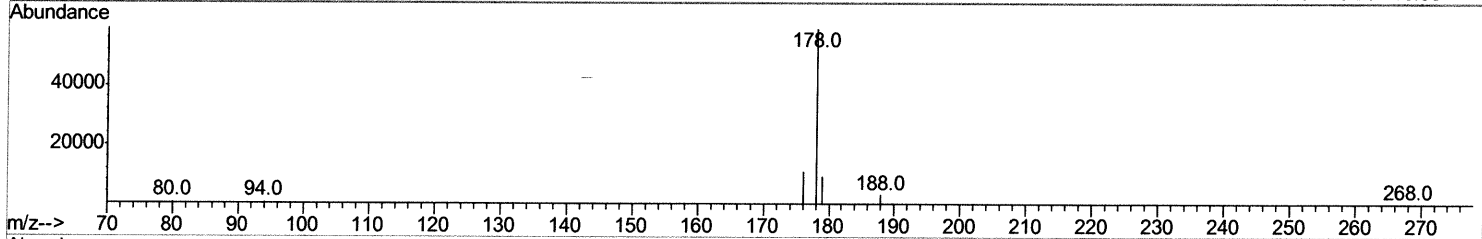
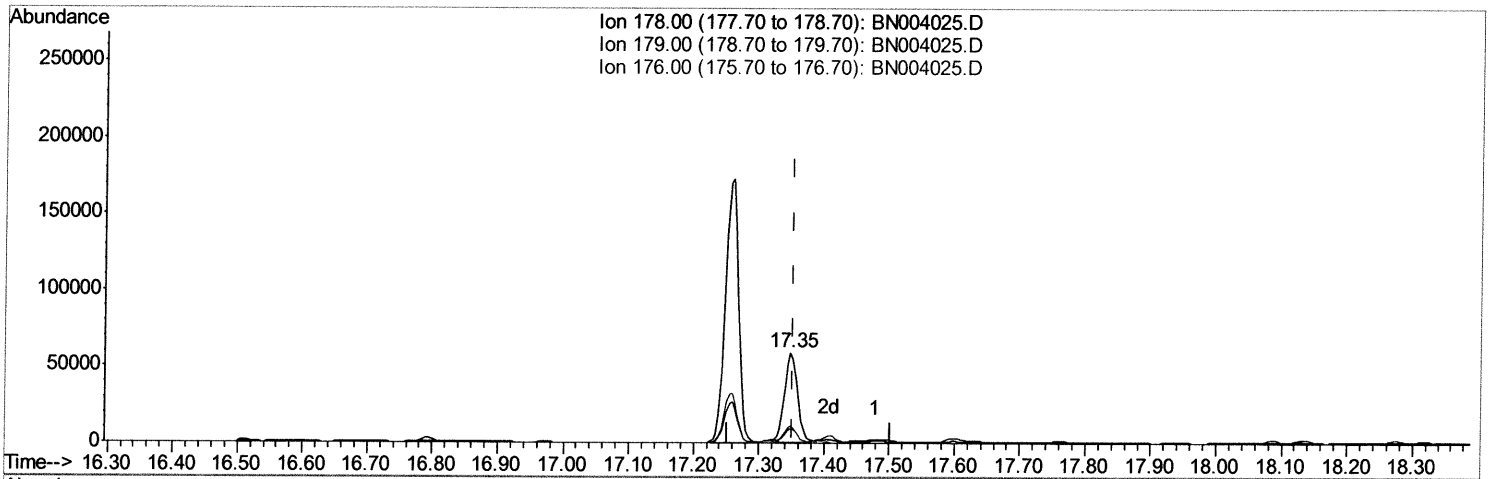
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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) 2.16ng/ul m

response 82012

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.55
176.00	18.50	18.48
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

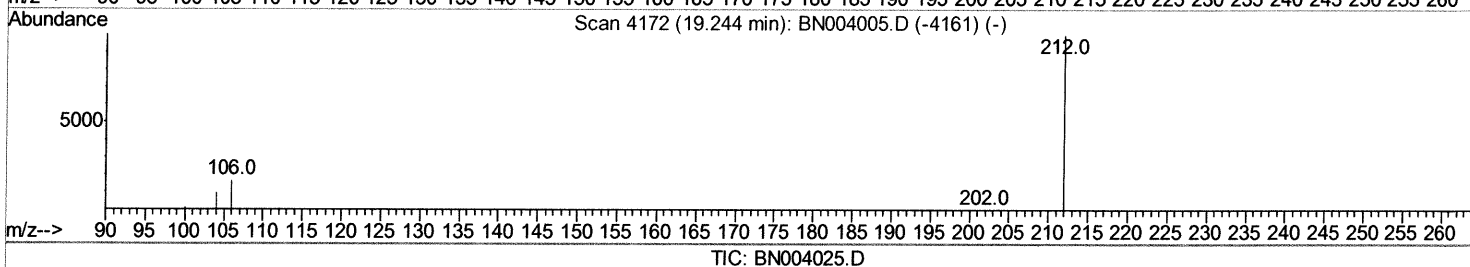
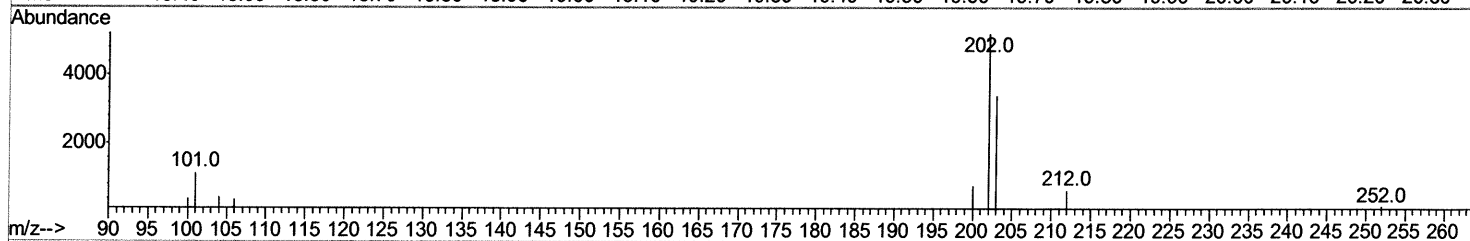
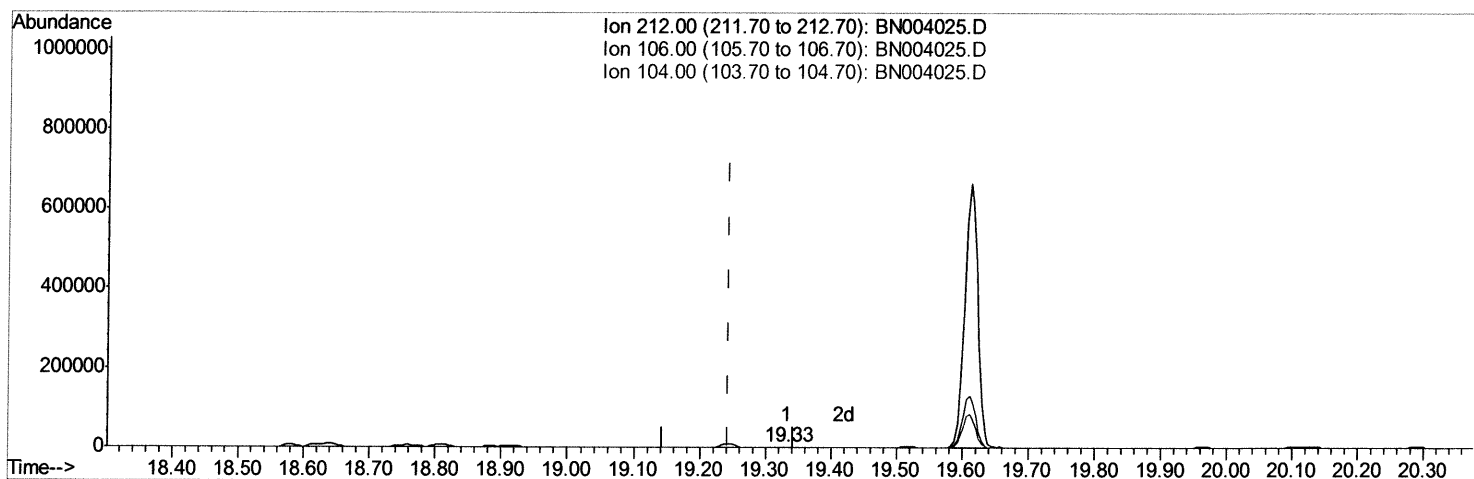
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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)

19.332min (+0.088) 0.02ng/ul

response 715

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	21.40#
104.00	8.00	35.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

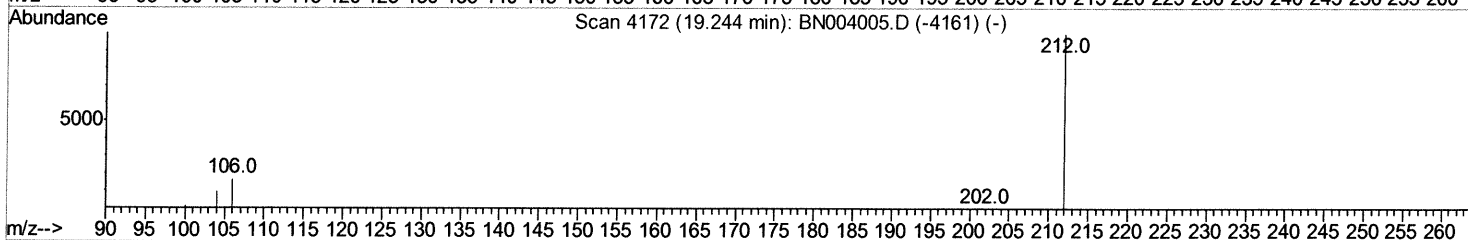
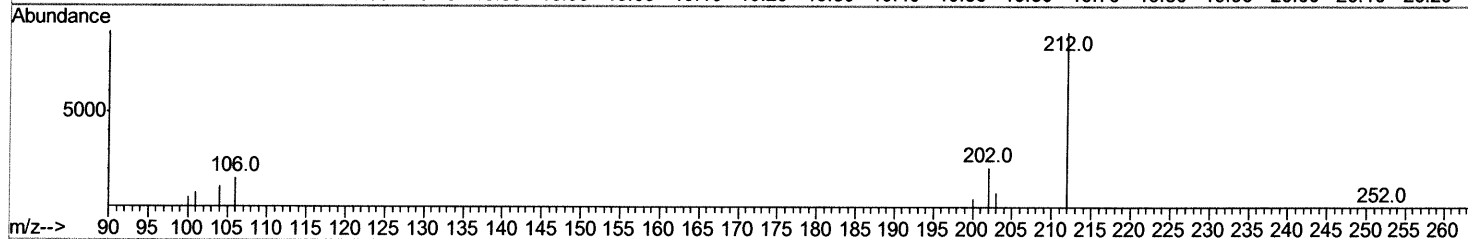
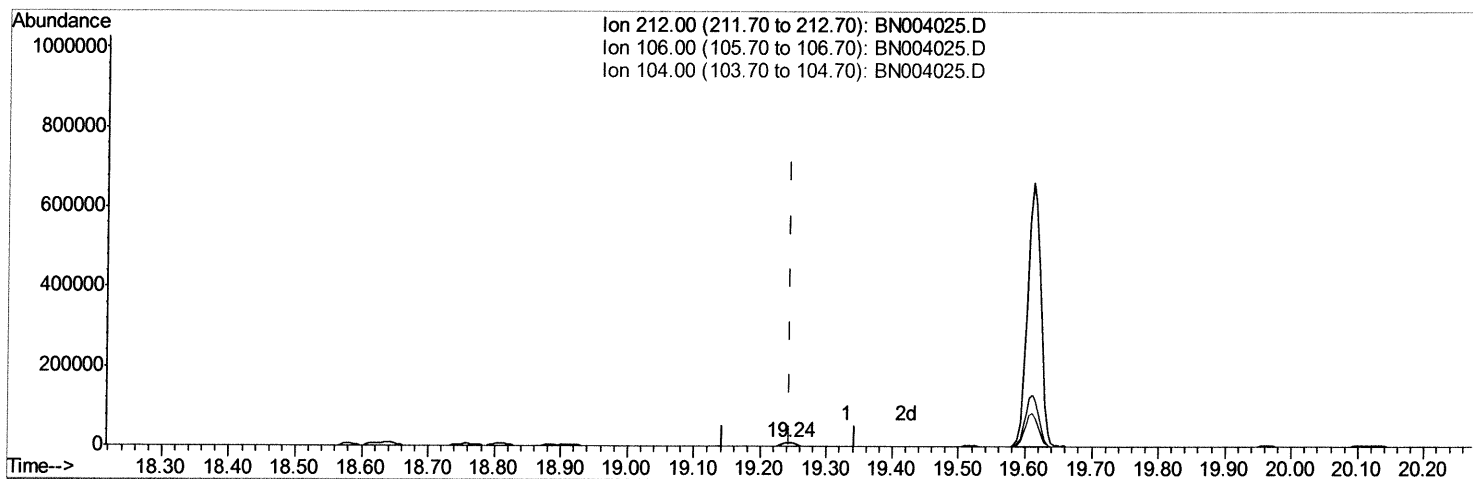
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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: BN004025.D

(14) Fluoranthene-d10 (SURR)

19.243min (-0.000) 0.29ng/ul m

response 11777

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	1.30#
104.00	8.00	2.13#
0.00	0.00	0.00

> 55
 12/17/18

Quantitation Report (Qedit)

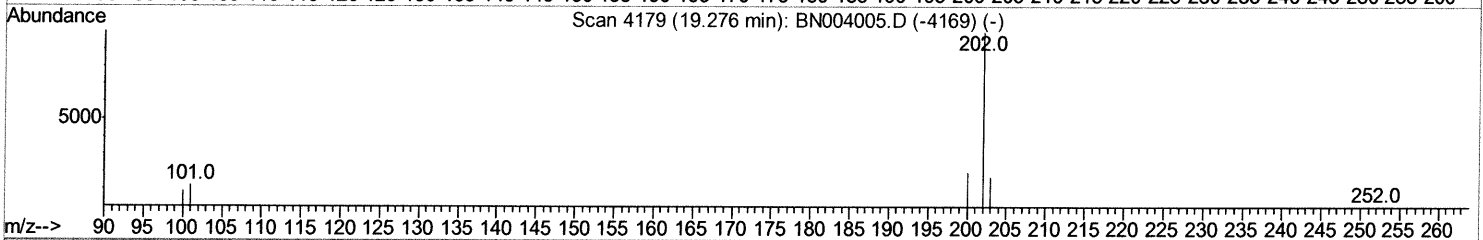
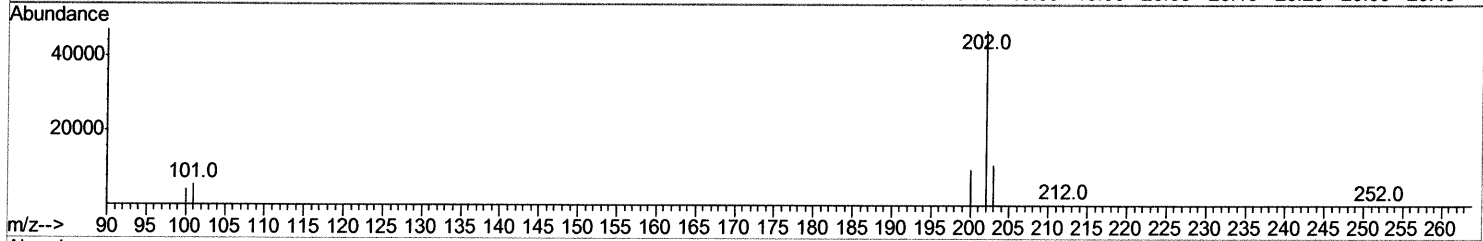
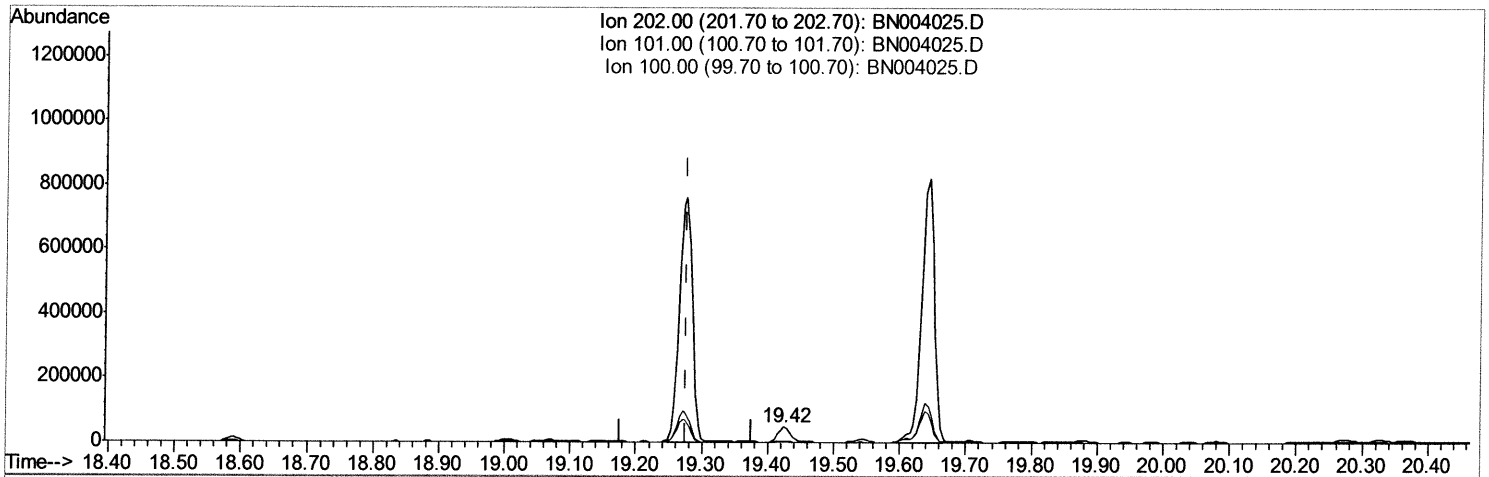
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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: BN004025.D

(15) Fluoranthene (C)

19.425min (+0.148) 1.10ng/ul

response 60088

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.00
100.00	8.10	8.98
0.00	0.00	0.00

Quantitation Report (Qedit)

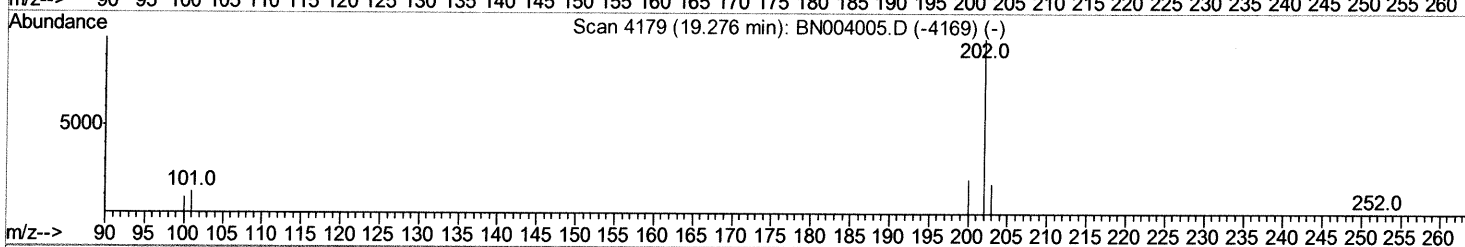
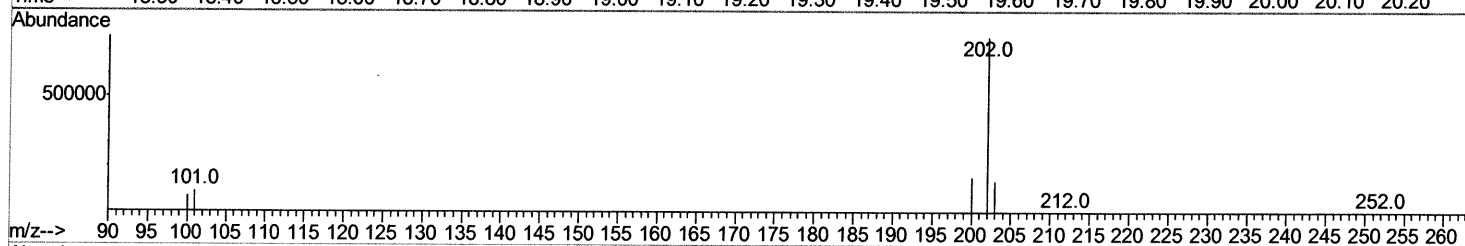
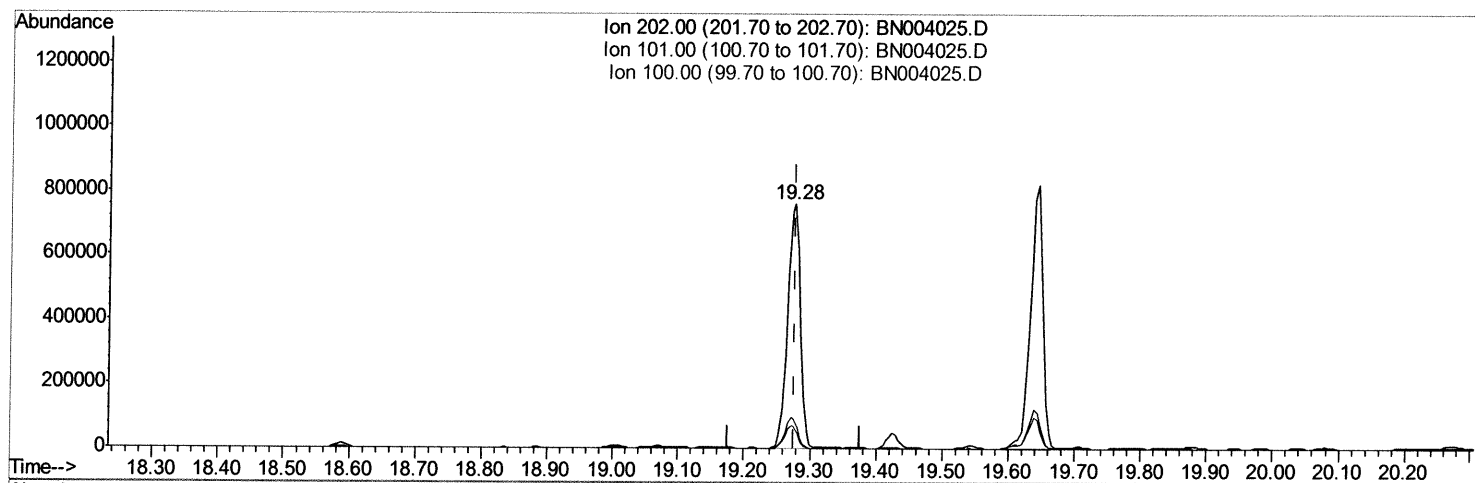
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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: BN004025.D

(15) Fluoranthene (C)

19.276min (-0.000) 18.74ng/ul m

response 1022627

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.90
100.00	8.10	8.76
0.00	0.00	0.00

> 55
12/17/18

Quantitation Report (Qedit)

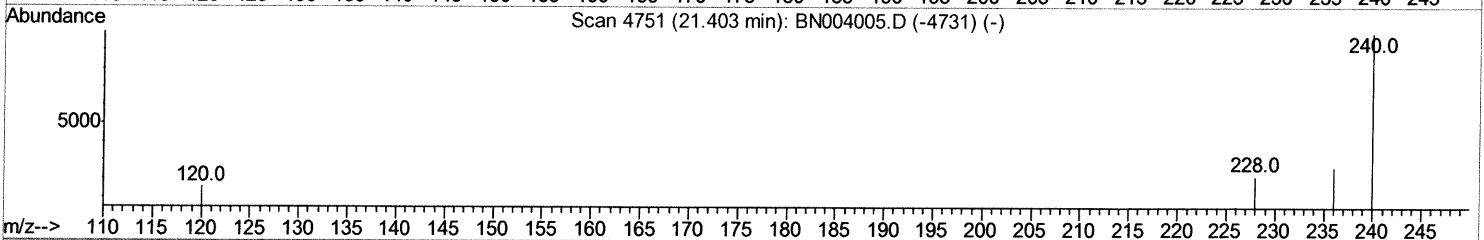
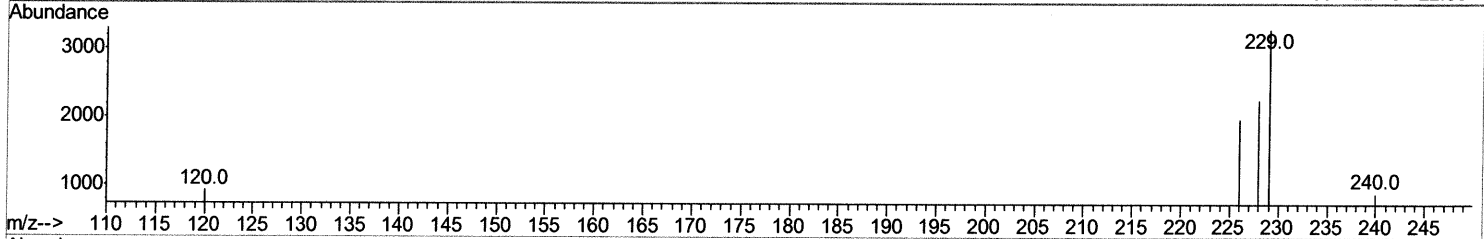
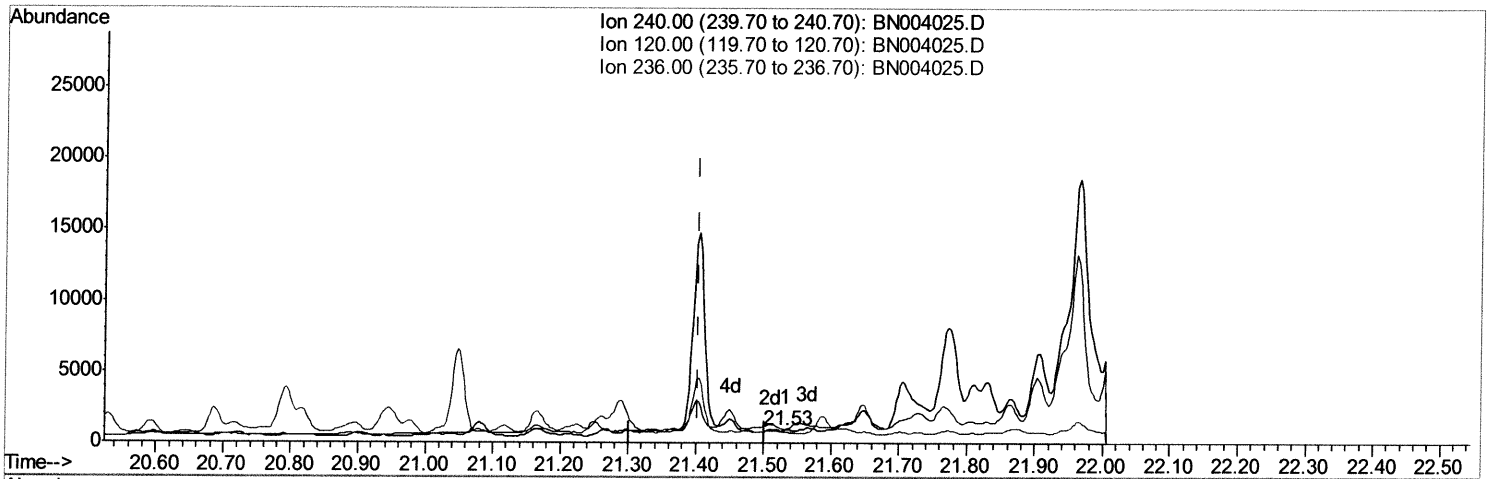
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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: BN004025.D

(16) Chrysene-d12 (I)

21.533min (+0.130) 0.40ng/ul

response 104

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	103.09#
236.00	27.60	82.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

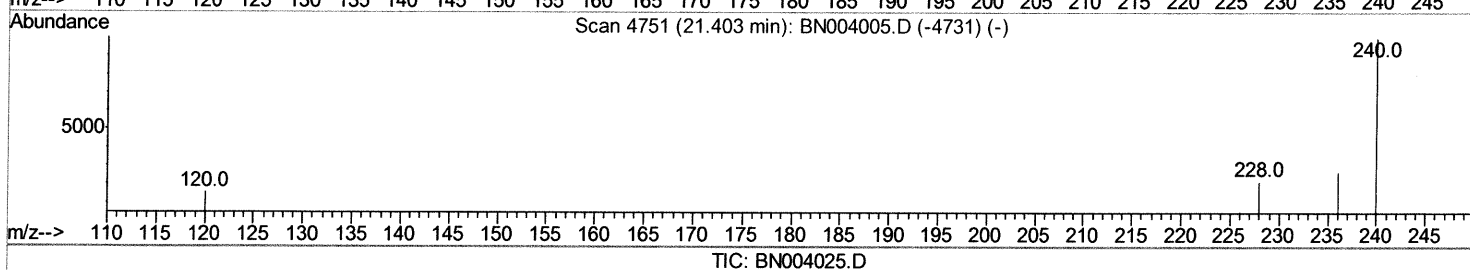
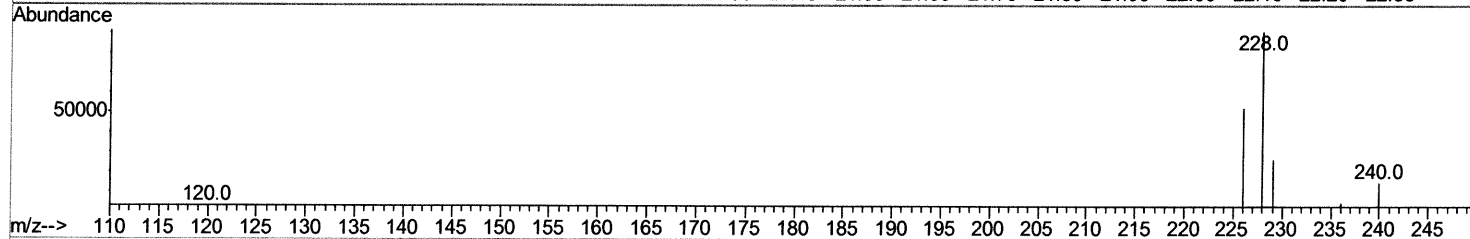
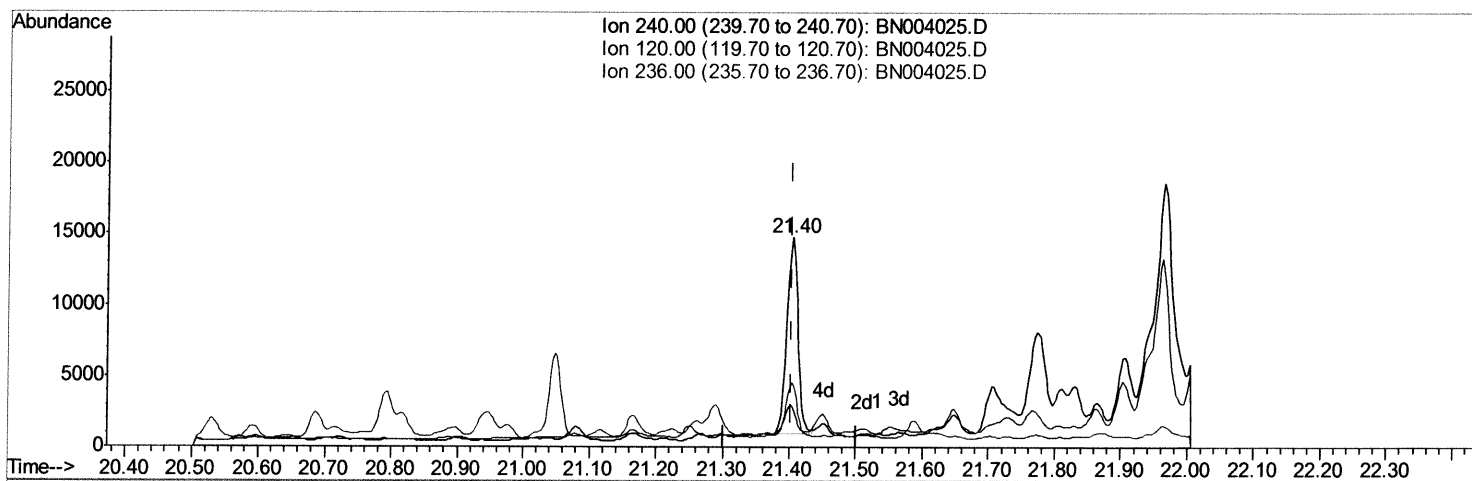
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:33:14 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 15980

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	19.48#
236.00	27.60	30.90
0.00	0.00	0.00

> 55
 12/17/18

Quantitation Report (Qedit)

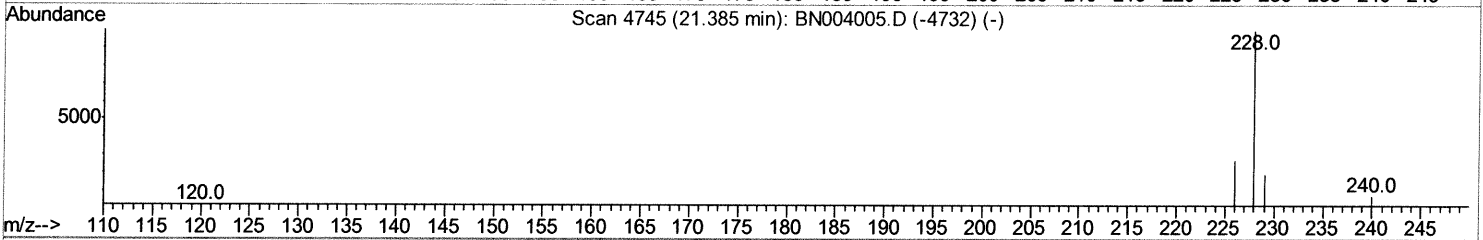
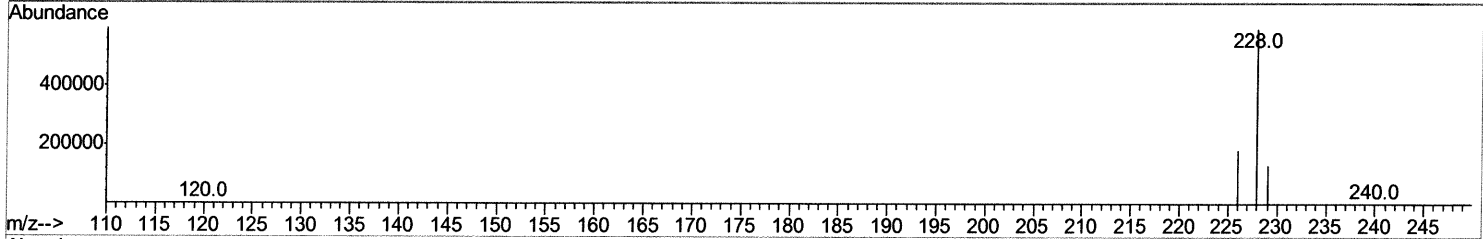
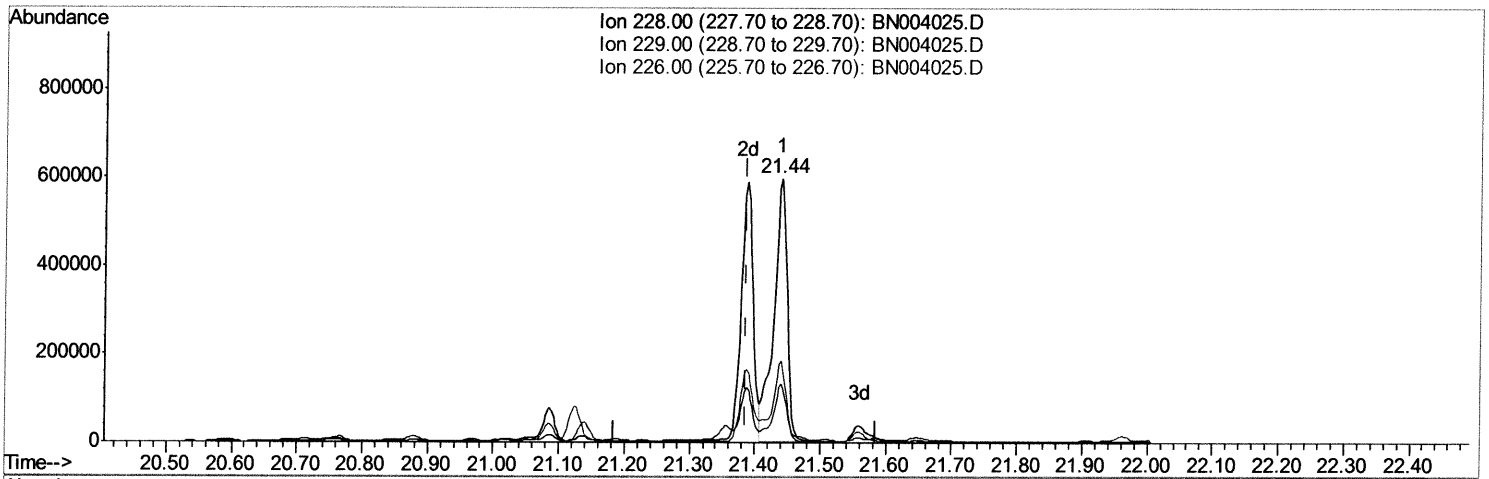
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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: BN004025.D

(18) Benzo(a)anthracene
 21.439min (+0.054) 16.74ng/ul
 response 844692

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.33
226.00	26.40	30.72
0.00	0.00	0.00

Quantitation Report (Qedit)

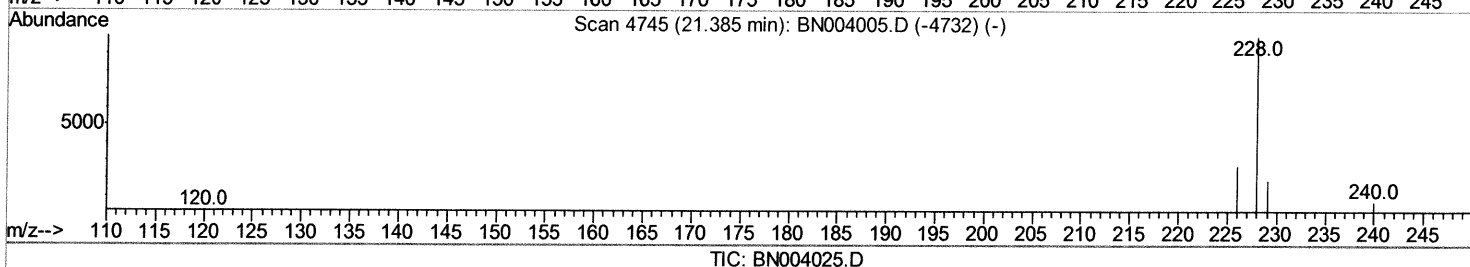
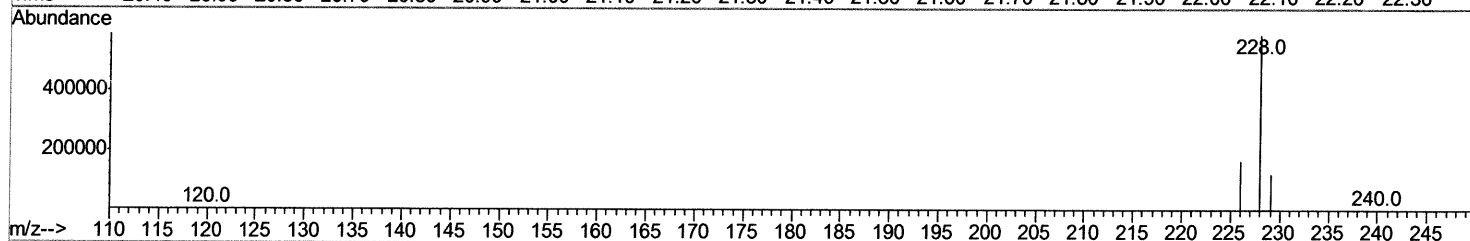
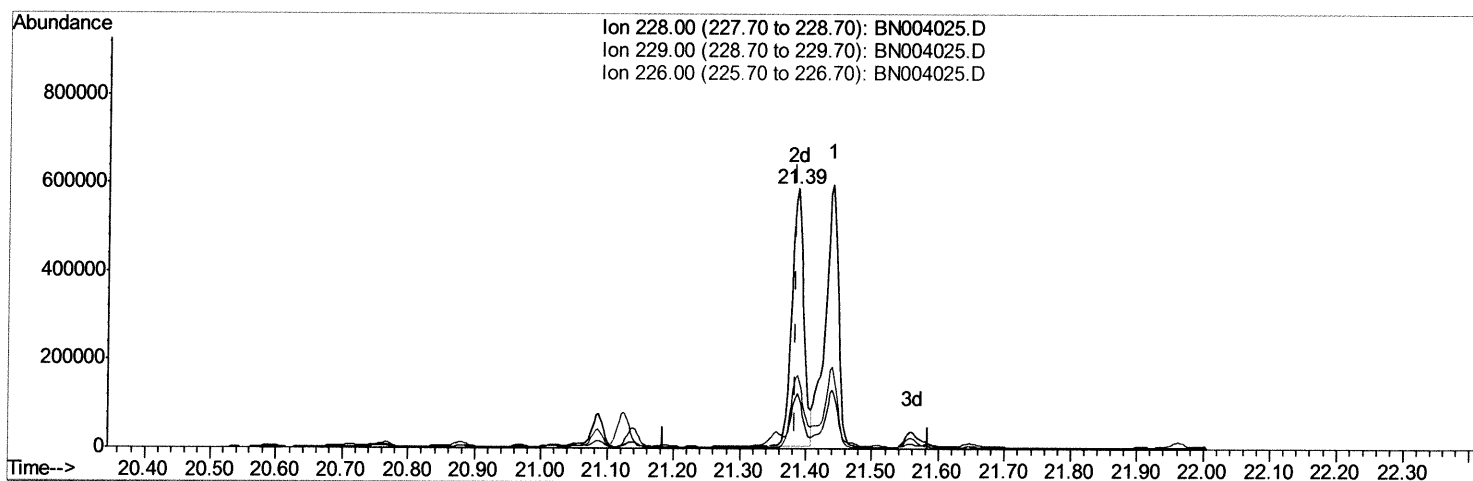
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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

21.387min (+0.002) 14.66ng/ul m

response 739877

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.03
226.00	26.40	28.28
0.00	0.00	0.00

> 55
 12/17/18

Quantitation Report (Qedit)

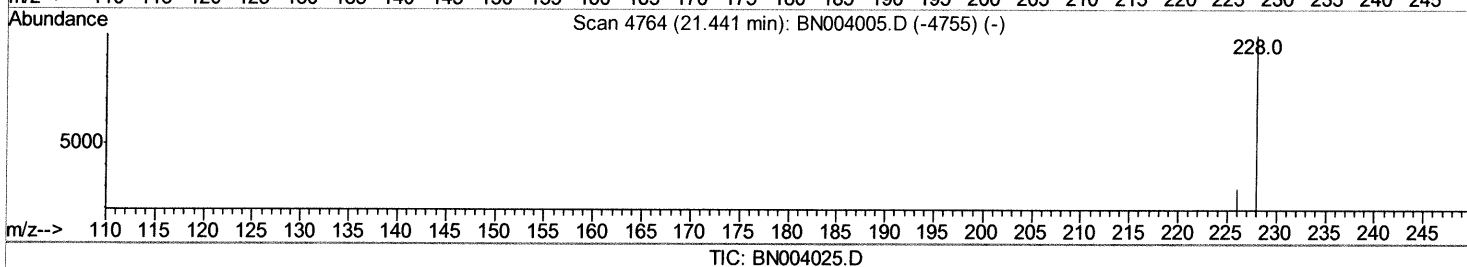
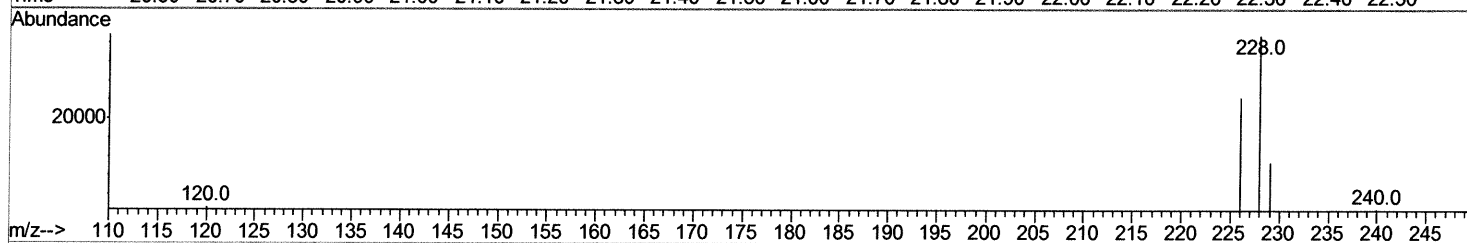
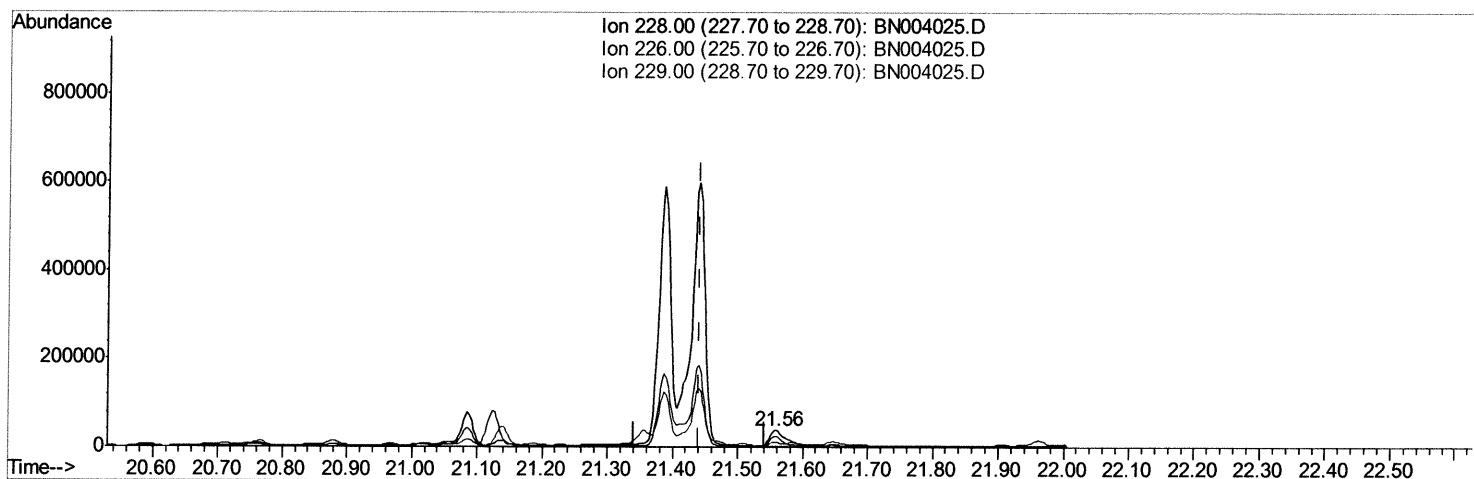
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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

21.559min (+0.118) 1.09ng/ul

response 62975

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	65.19#
229.00	19.60	28.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

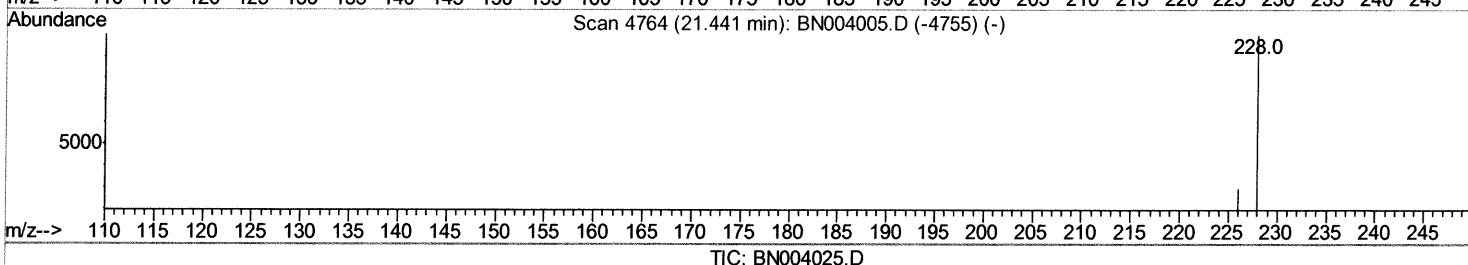
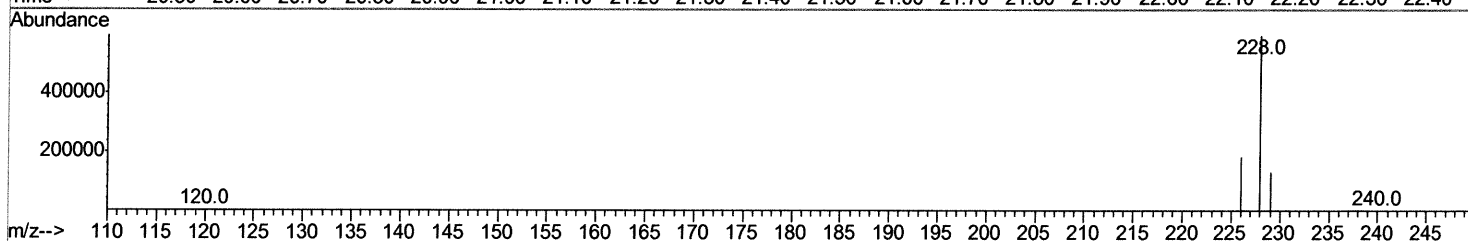
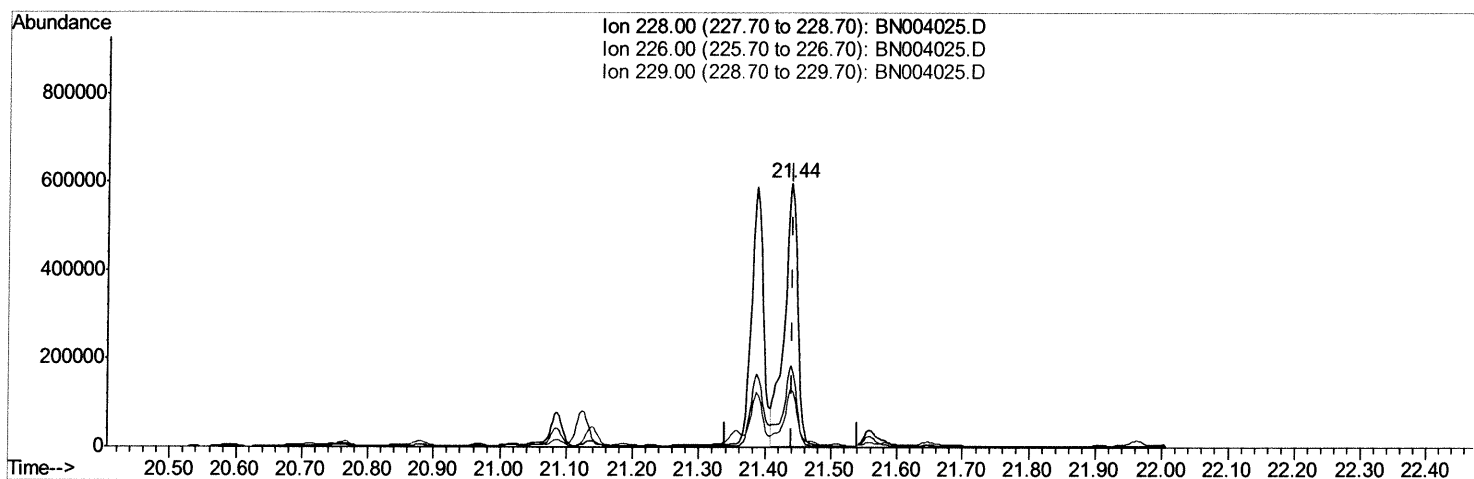
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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) 14.58ng/ul m

response 842271

> SJ
 12/17/18

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.72
229.00	19.60	22.33
0.00	0.00	0.00

Quantitation Report (Qedit)

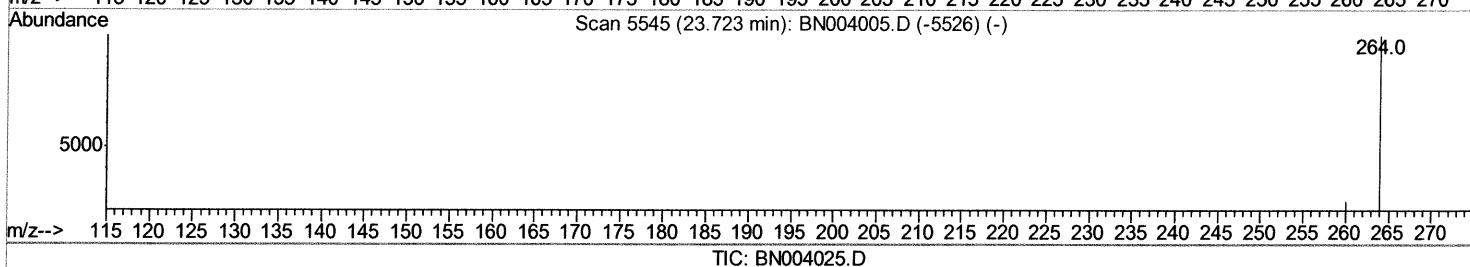
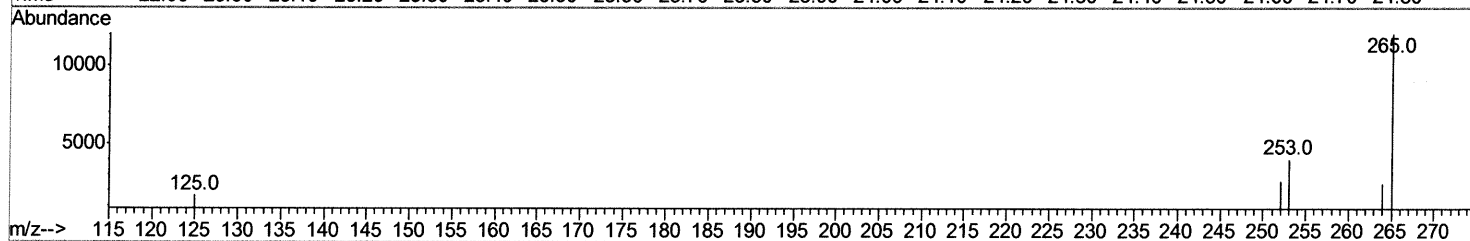
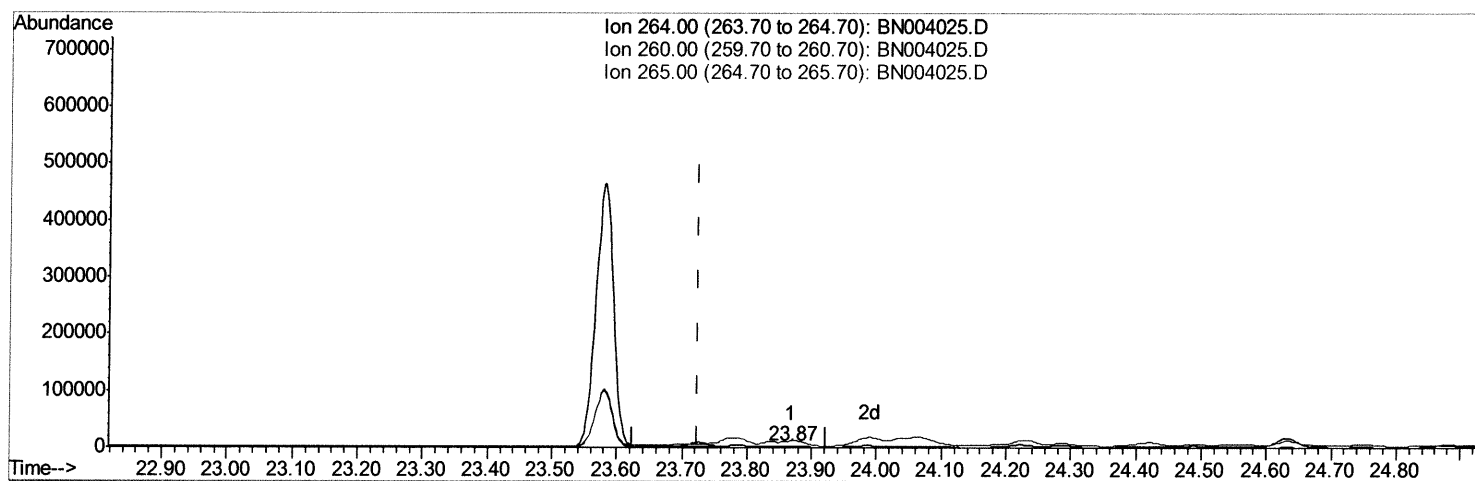
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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)

23.868min (+0.145) 0.40ng/ul

response 6096

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	33.69#
265.00	33.50	498.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

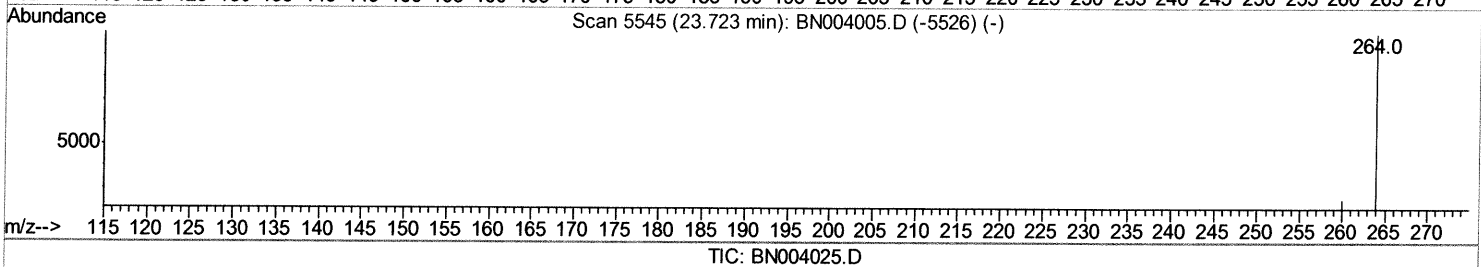
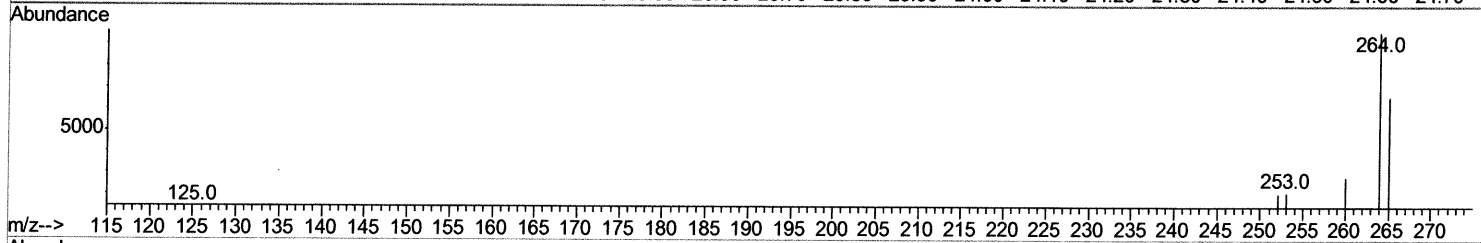
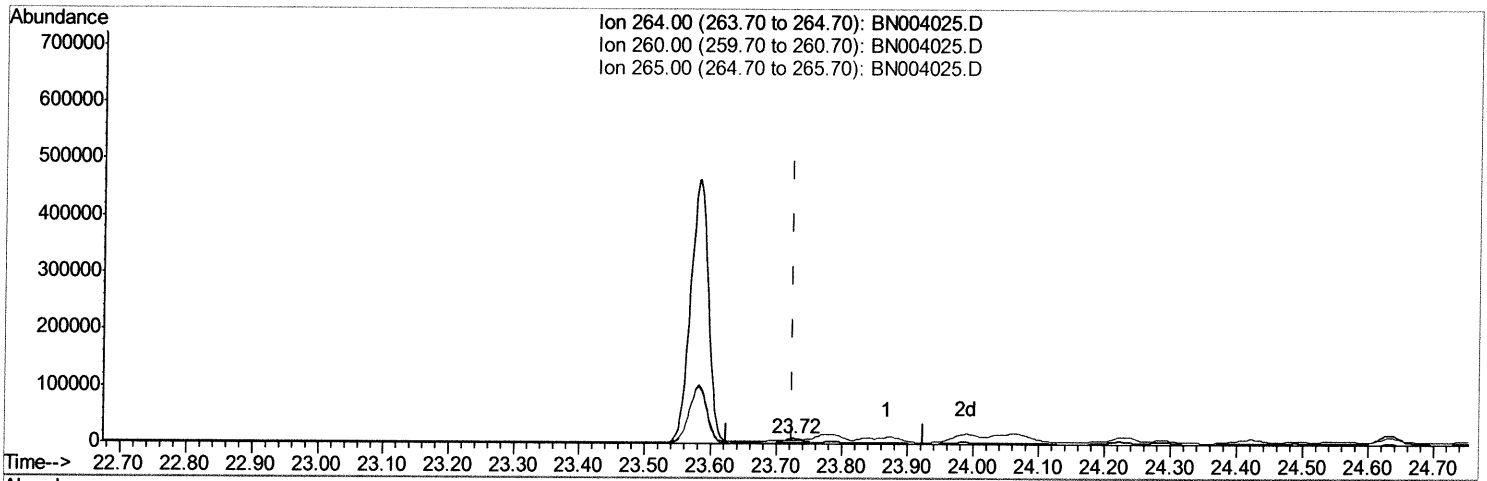
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:36:29 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 14135

Ion Exp% Act%

264.00 100 100

260.00 26.20 29.54

265.00 33.50 68.29#

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

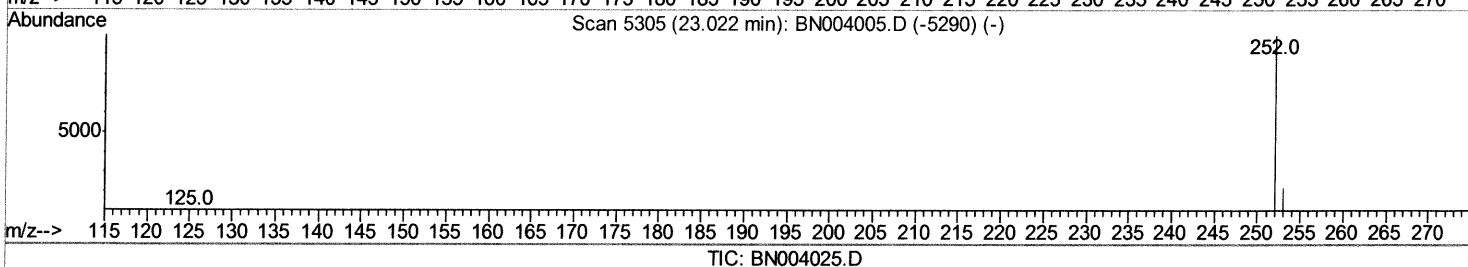
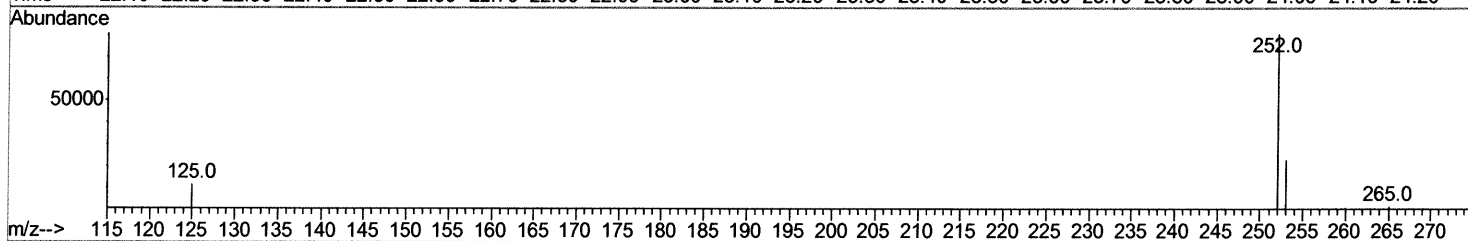
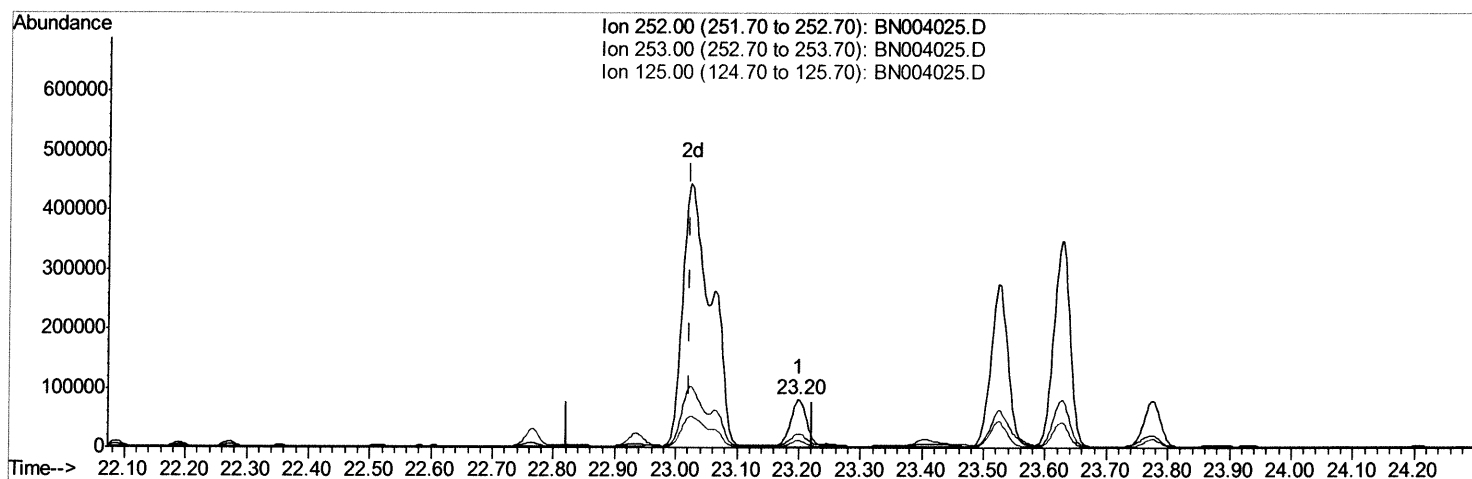
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004025.D
Acq On : 17 Dec 2018 08:57
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

Manual Integrations
APPROVED

Sohil
12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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

23.199min (+0.177) 2.55ng/ul

response 149388

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	28.42
125.00	11.20	14.62
0.00	0.00	0.00

Quantitation Report (Qedit)

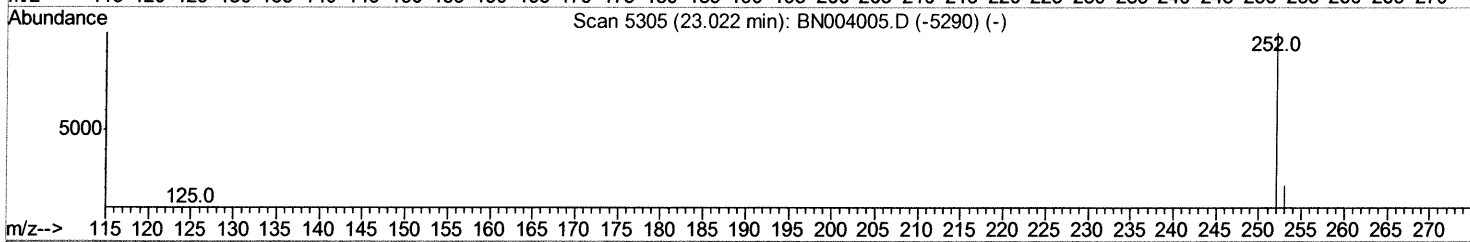
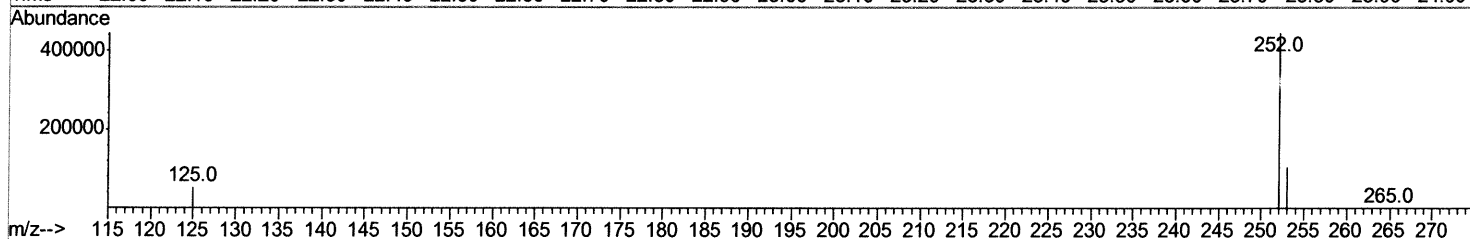
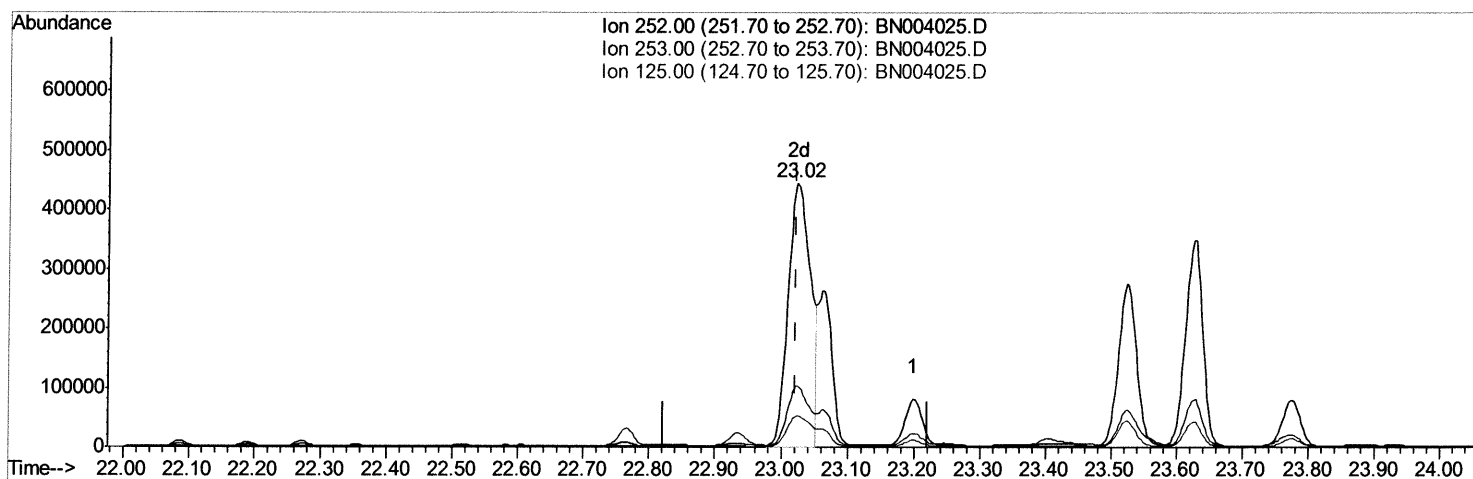
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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) 17.90ng/ul m

response 1046869

> $\frac{55}{12117118}$

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	23.07
125.00	11.20	11.75
0.00	0.00	0.00

Quantitation Report (Qedit)

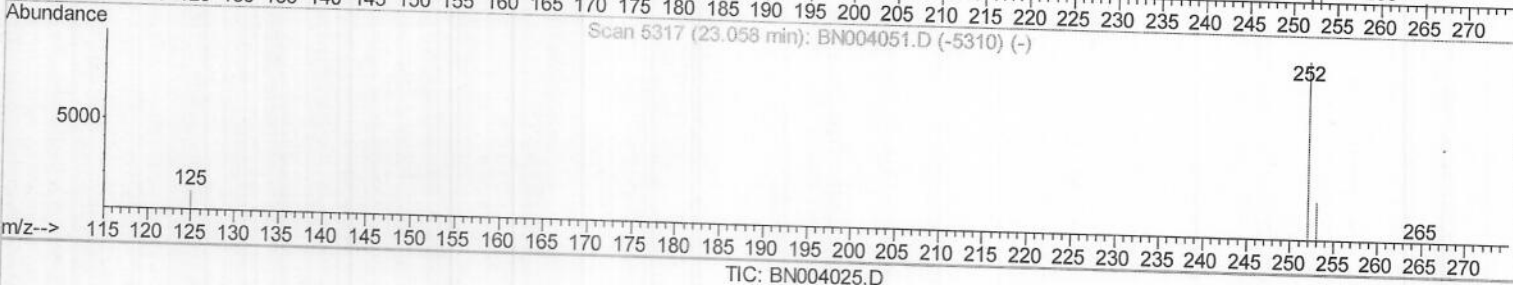
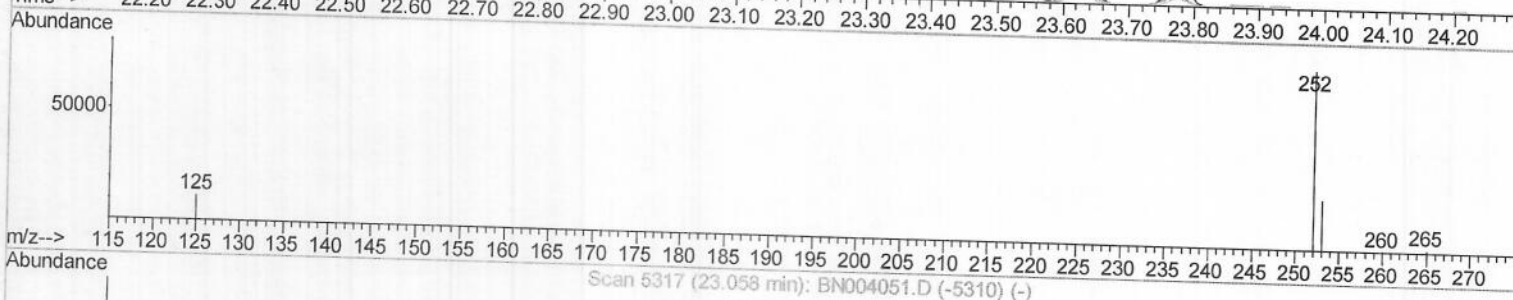
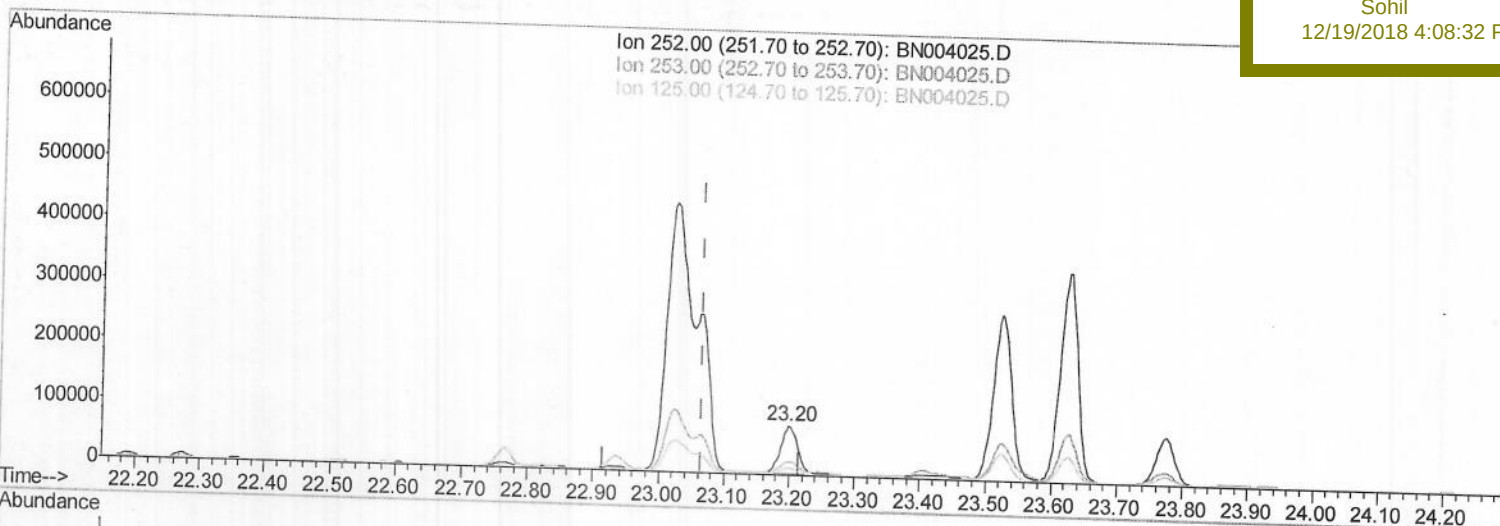
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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

23.199min (+0.133) 2.62ng/ul

response 149388

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	28.42#
125.00	11.30	14.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

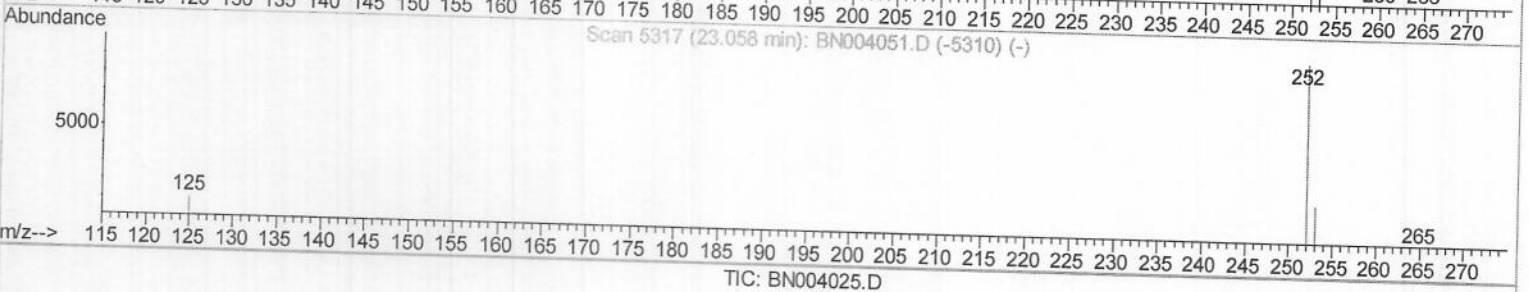
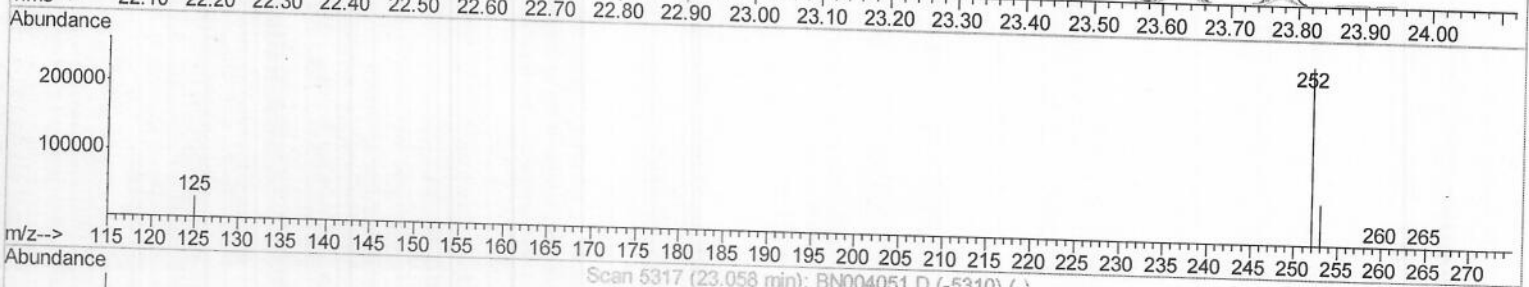
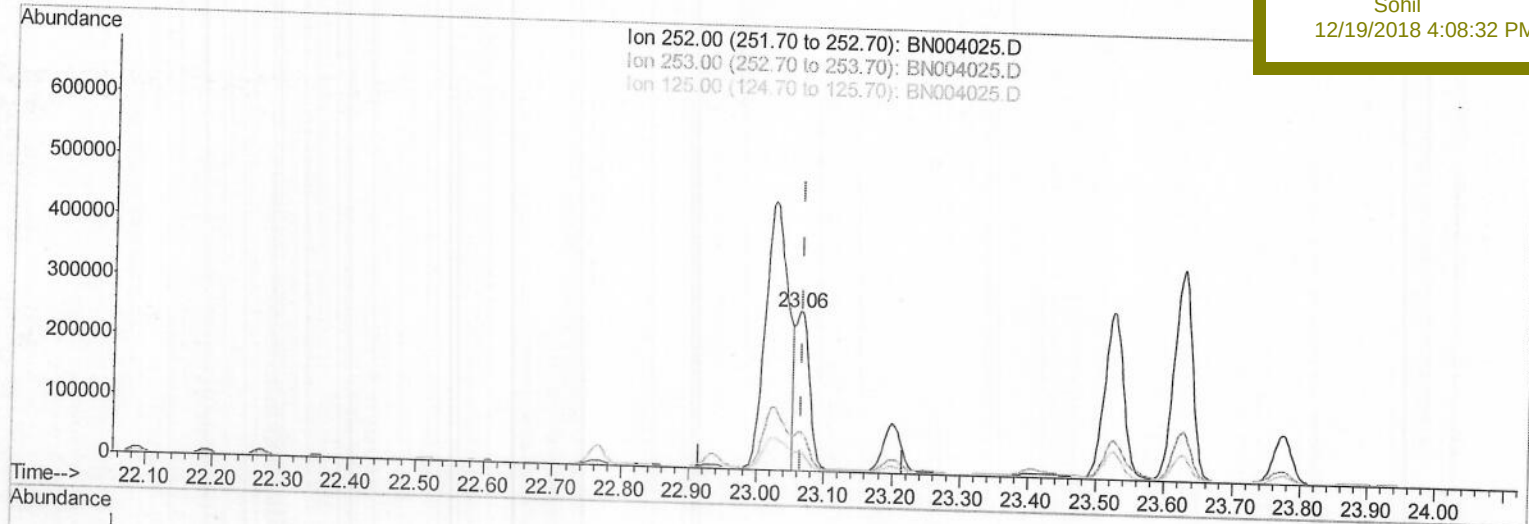
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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) 6.78ng/ul m
 response 386459

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.67
125.00	11.30	11.89
0.00	0.00	0.00

SJ
 12/17/18

Quantitation Report (Qedit)

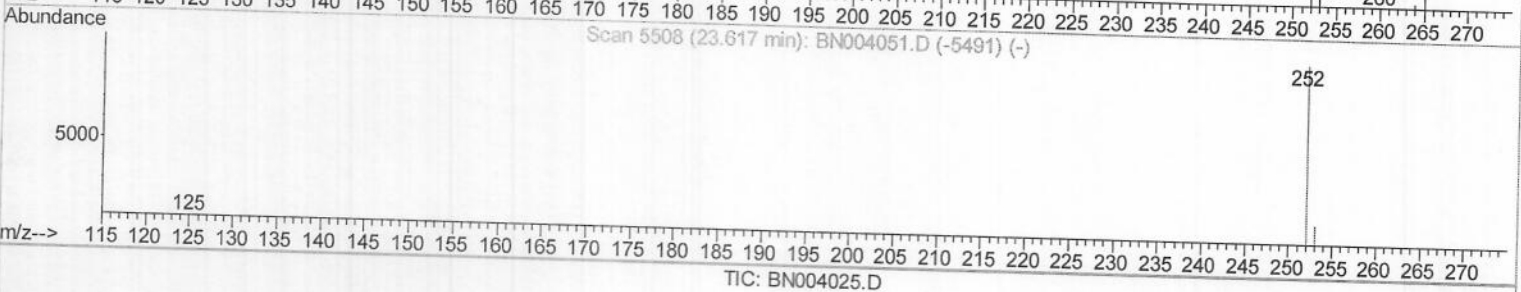
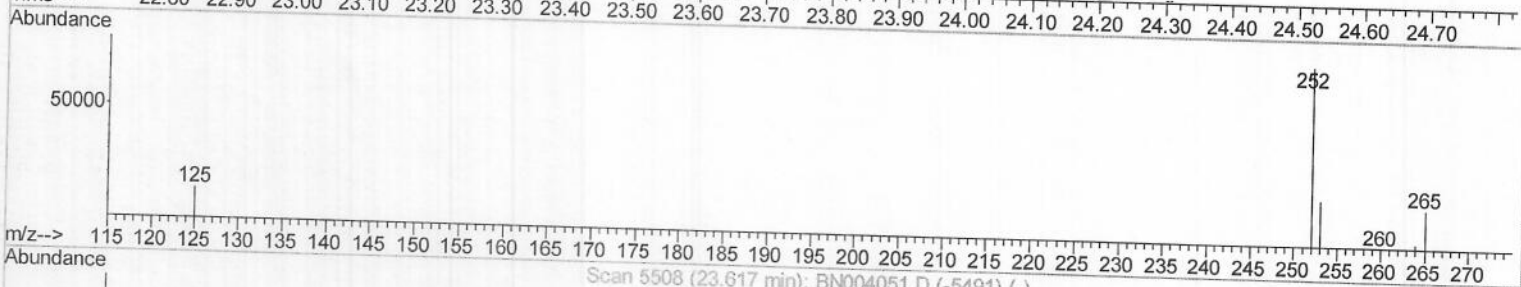
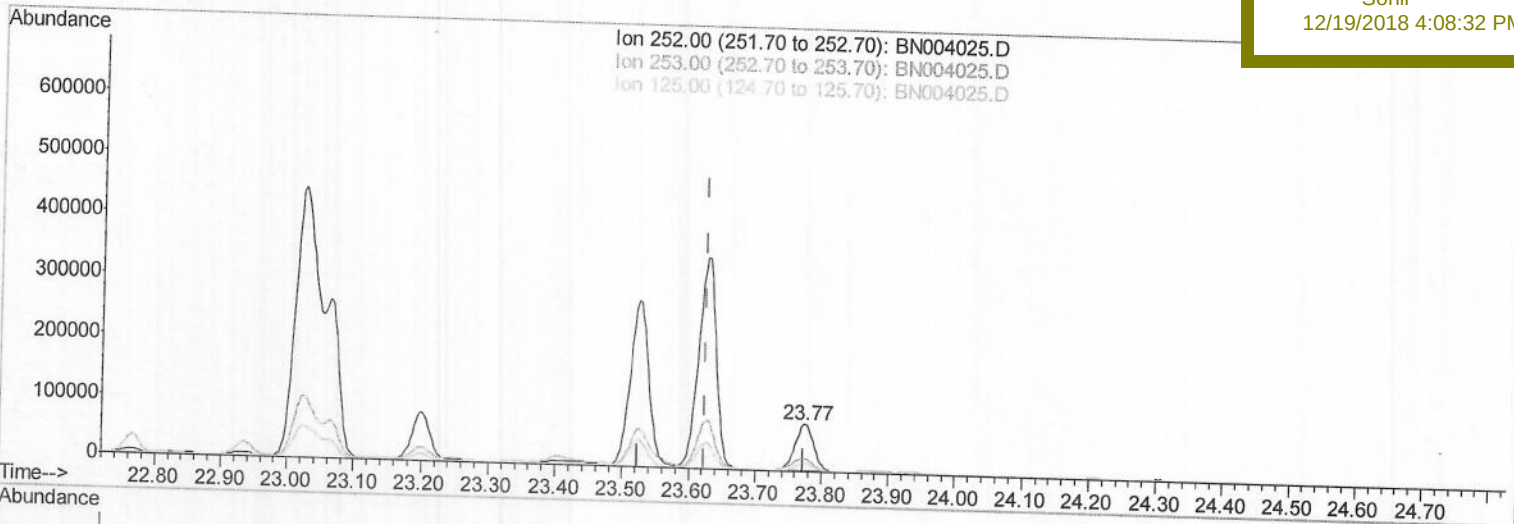
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 17 13:38:14 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

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM



(23) Benzo(a)pyrene (C)

23.775min (+0.151) 2.90ng/ul

response 146889

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	26.91
125.00	12.80	17.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

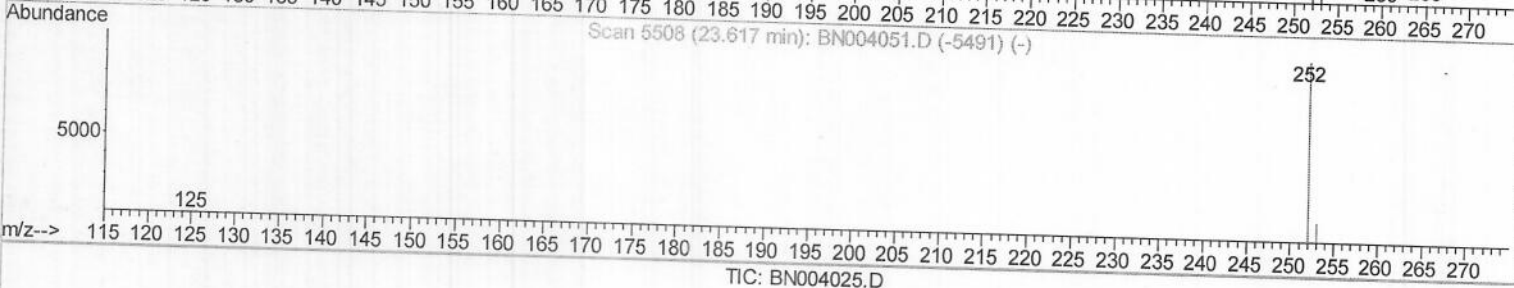
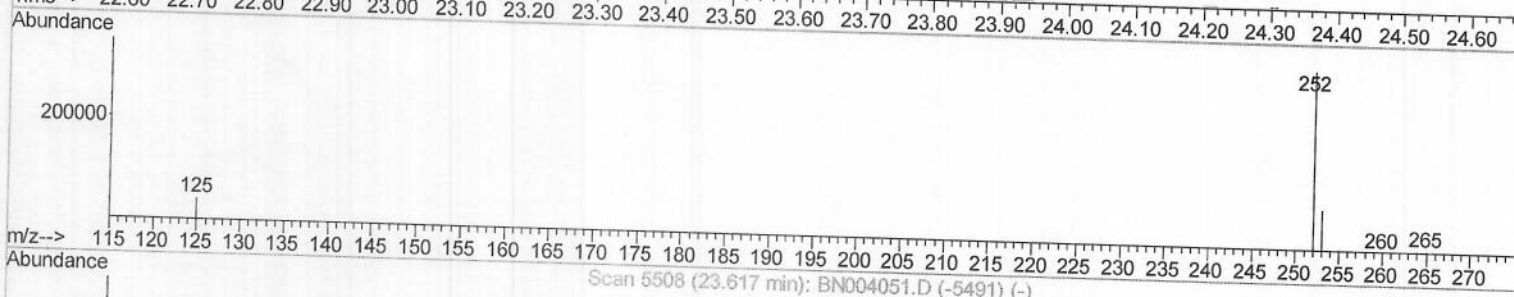
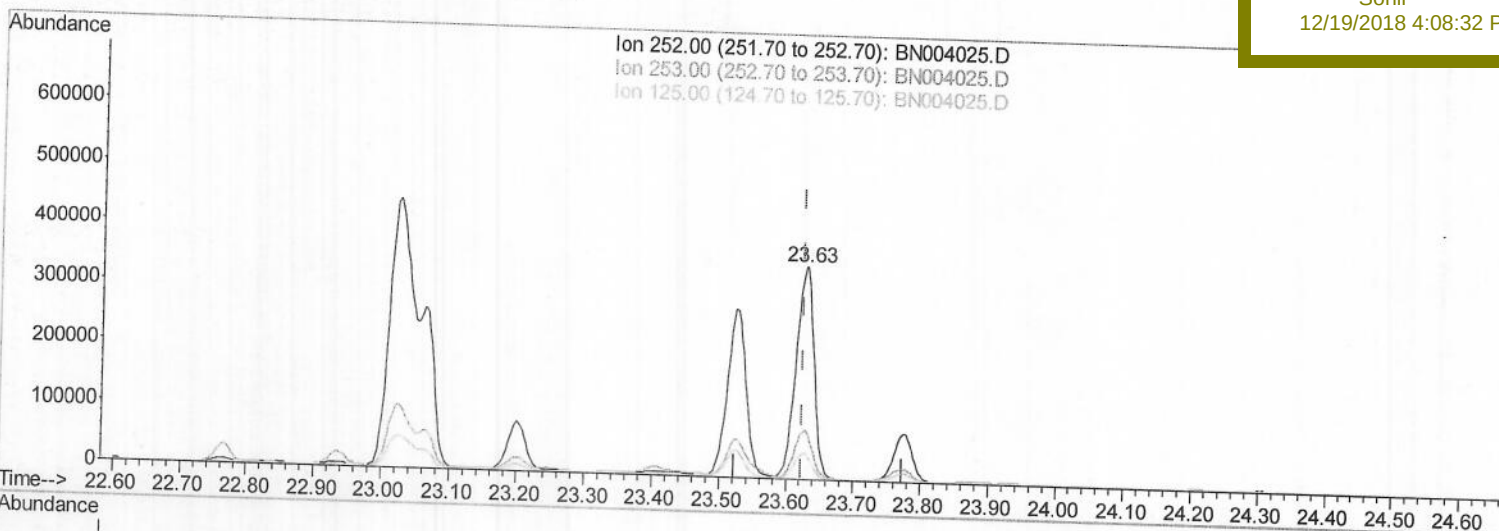
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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)

23.628min (+0.004) 12.79ng/ul m

response 647621

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.93
125.00	12.80	12.22
0.00	0.00	0.00

SJ
 12/17/18

Quantitation Report (Qedit)

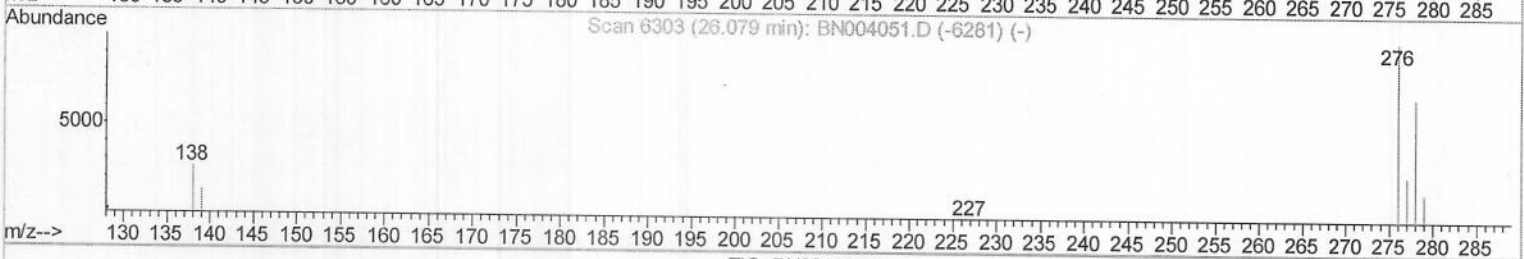
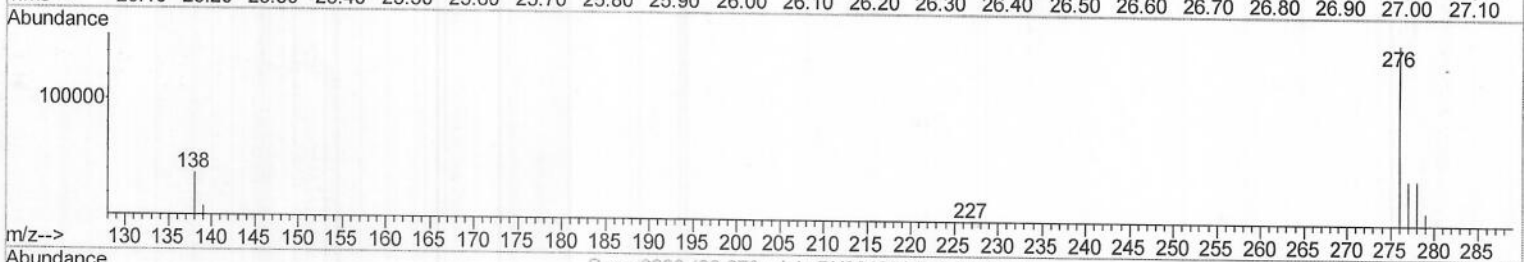
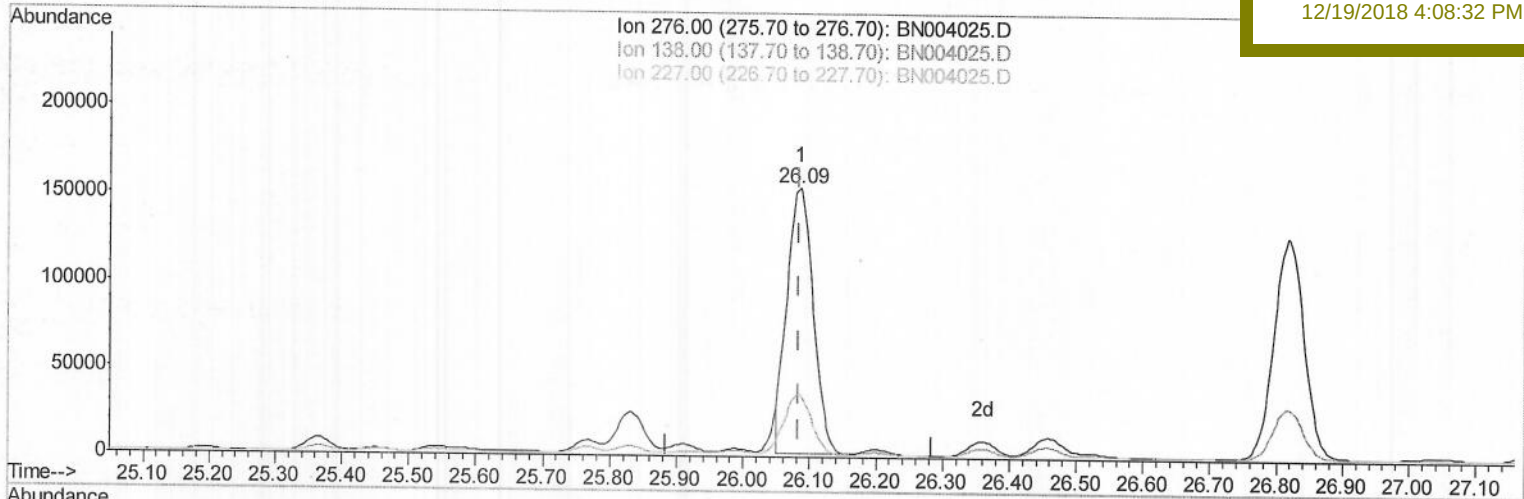
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 17 13:38:14 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

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM



TIC: BN004025.D

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

26.086min (+0.002) 7.30ng/ul

response 423713

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	22.95
227.00	0.20	0.16
0.00	0.00	0.00

Quantitation Report (Qedit)

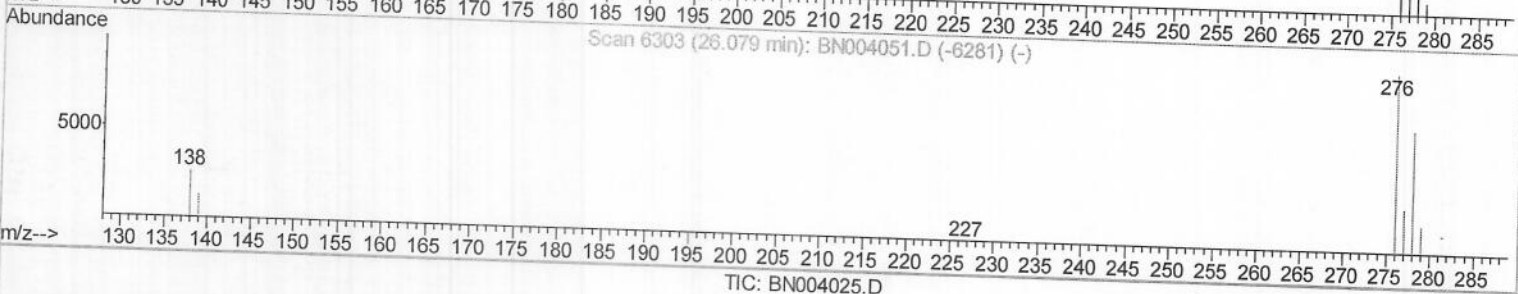
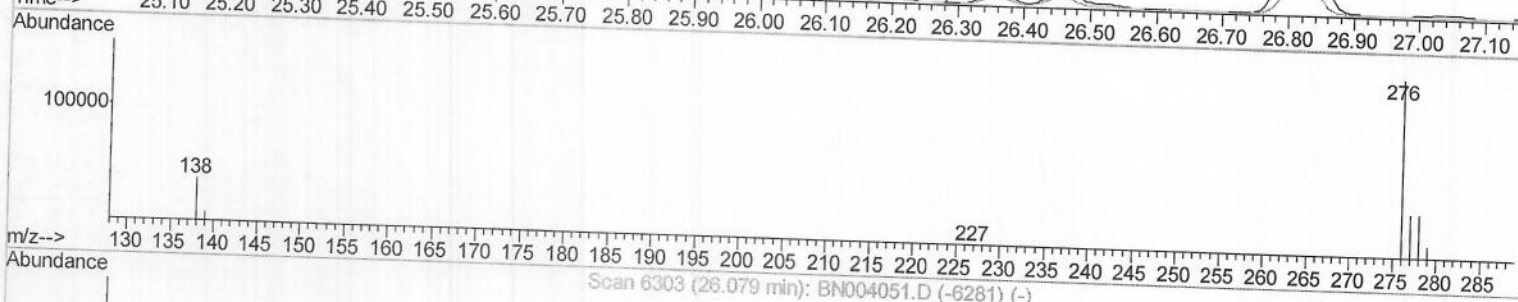
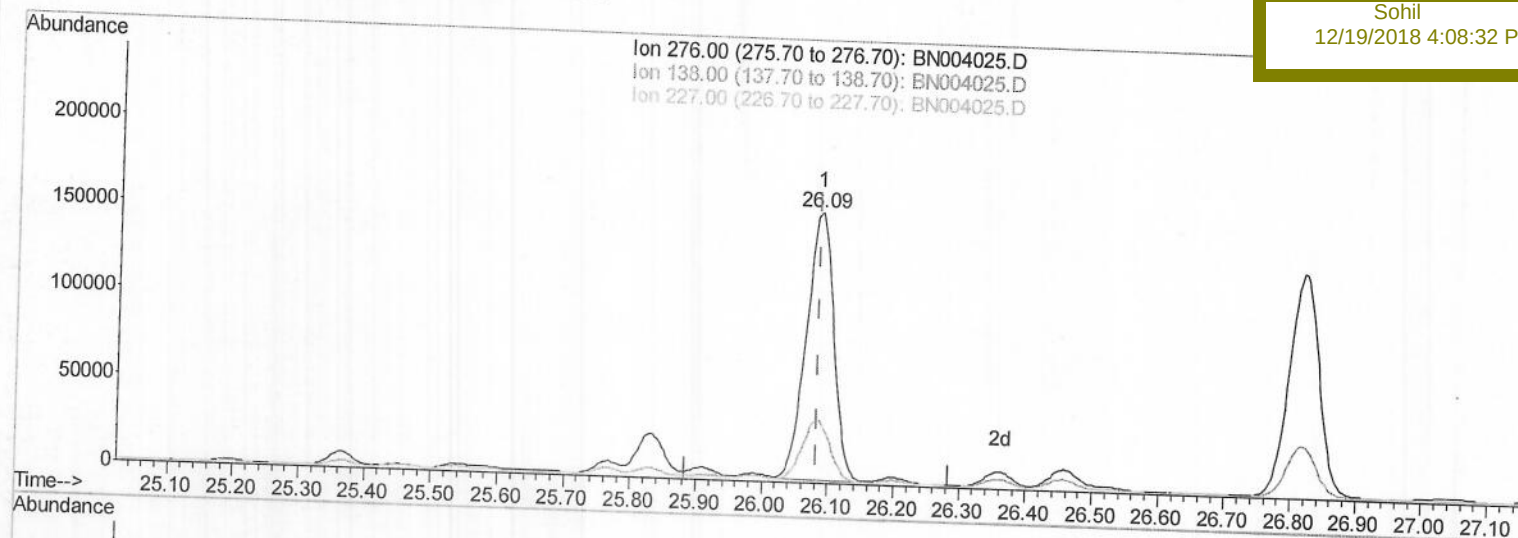
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample Id :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM

Quant Time: Dec 17 13:38:14 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

26.086min (+0.002) 7.62ng/ul m

response 442657

53
12/17/18

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	21.97
227.00	0.20	0.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

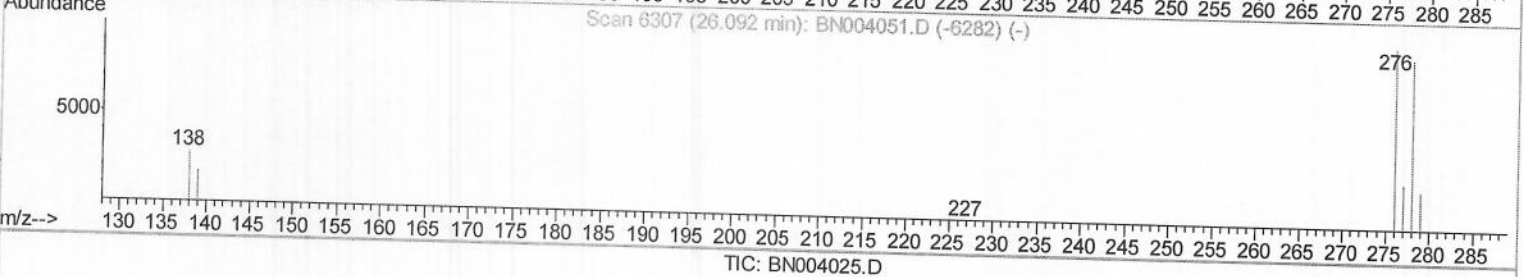
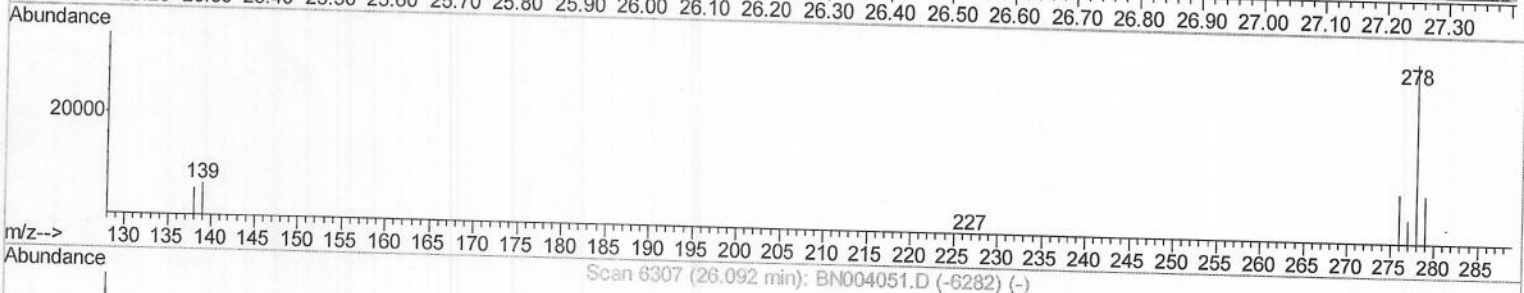
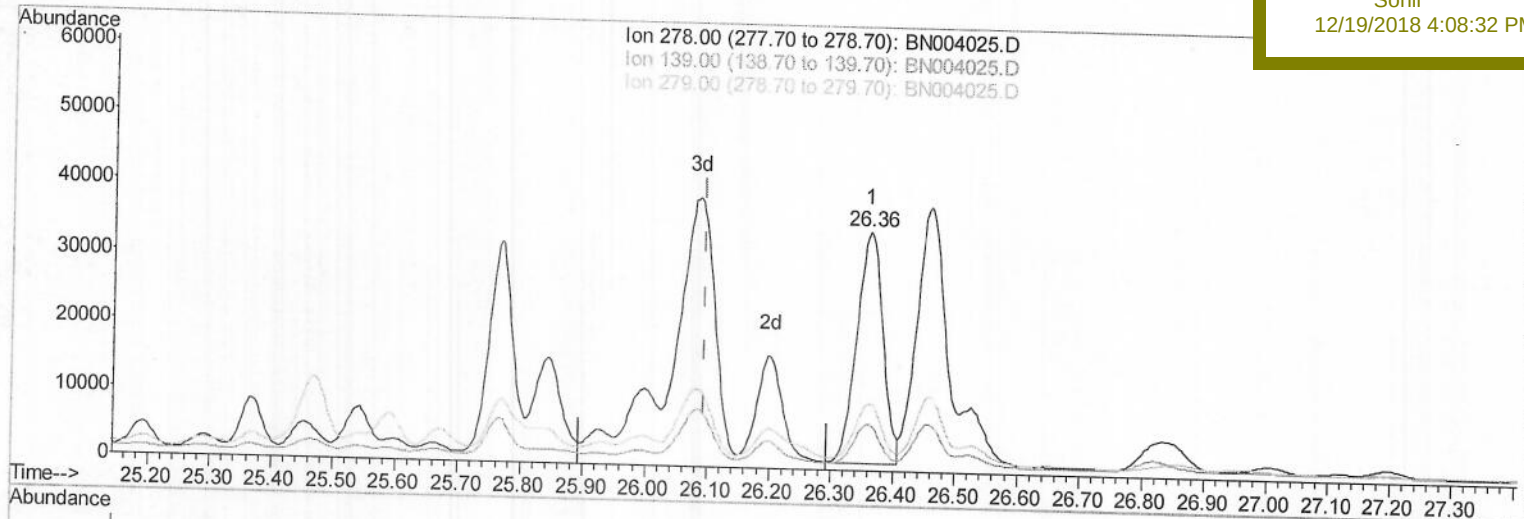
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 17 13:38:14 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

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM



(25) Dibenzo(a,h)anthracene

26.361min (+0.266) 2.10ng/ul

response 98283

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	19.19
279.00	24.70	28.20
0.00	0.00	0.00

Quantitation Report (Qedit)

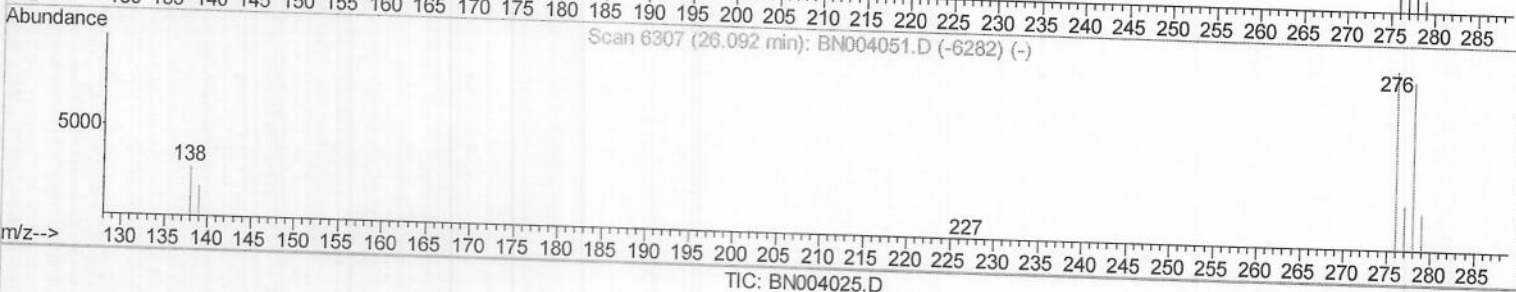
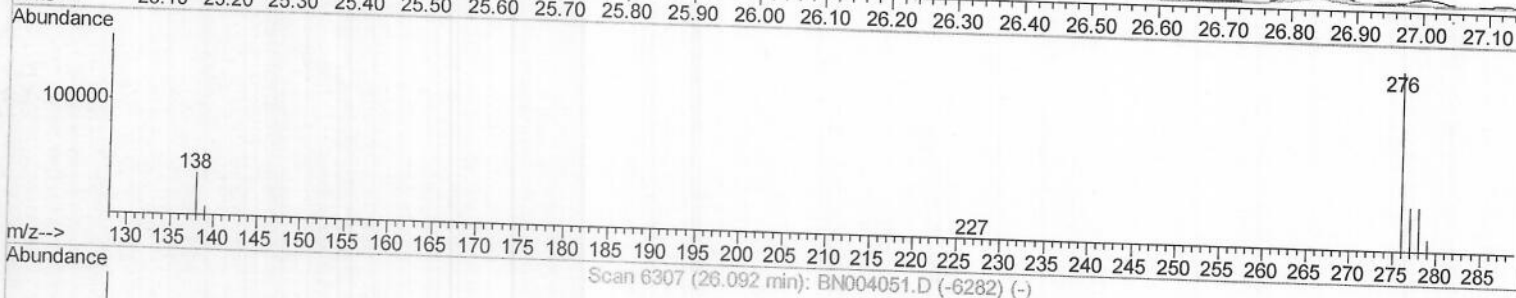
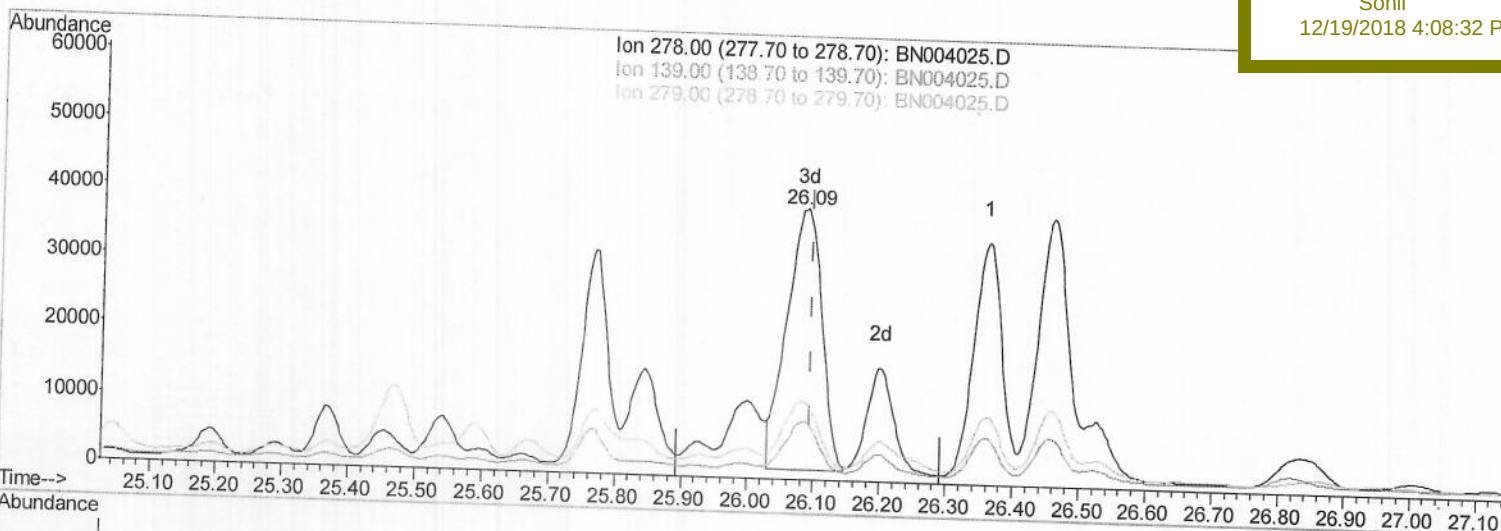
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
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Quant Time: Dec 17 13:38:14 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

26.086min (-0.009) 2.94ng/ul m

response 137489

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	21.49#
279.00	24.70	28.52
0.00	0.00	0.00

SJ
 12/17/18

Quantitation Report (Qedit)

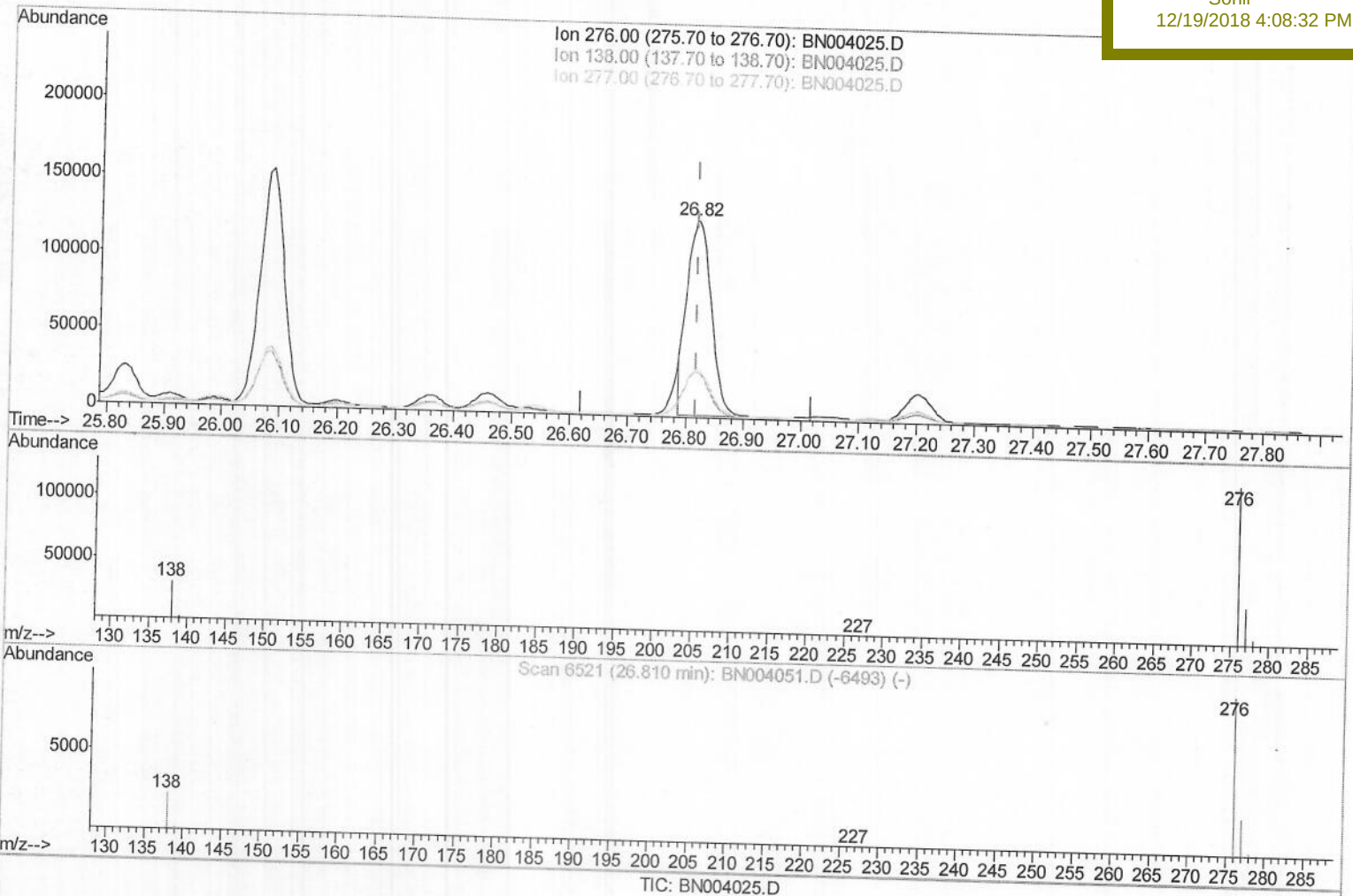
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 17 13:38:14 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

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Manual Integrations
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Sohil
 12/19/2018 4:08:32 PM



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

26.817min (-0.002) 7.47ng/ul

response 376806

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	23.75
277.00	24.10	24.50
0.00	0.00	0.00

Quantitation Report (Qedit)

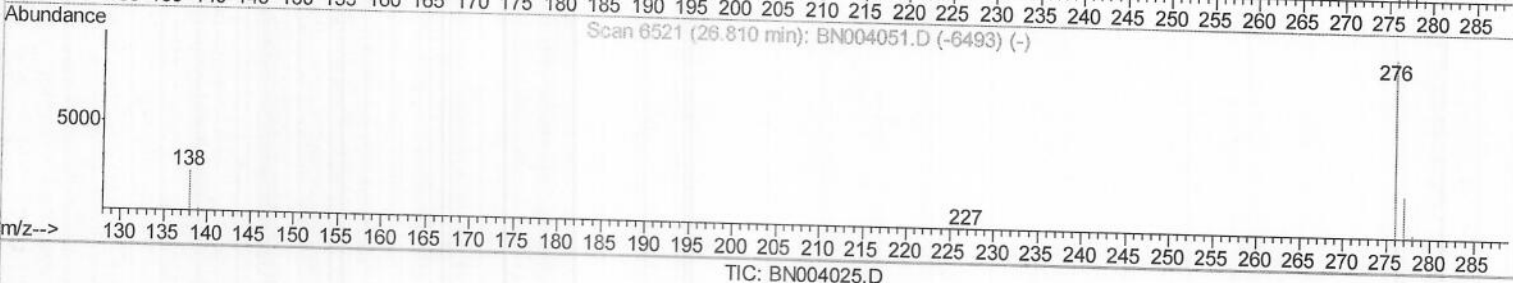
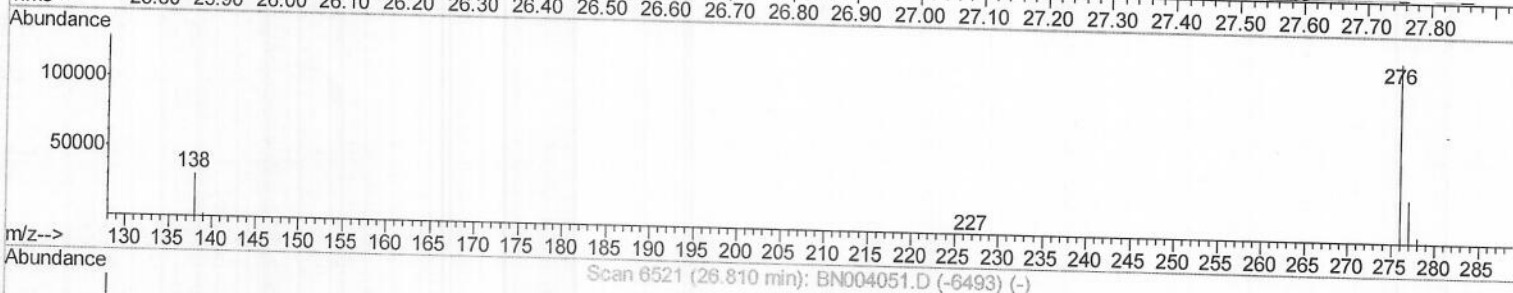
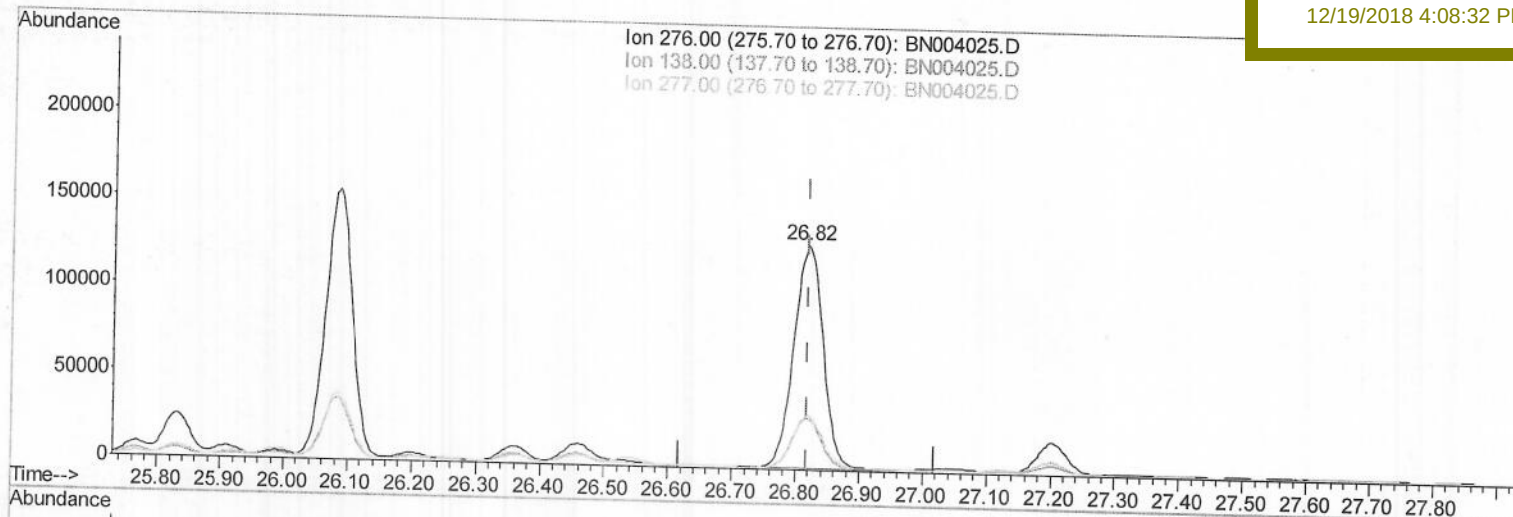
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Quant Time: Dec 17 13:38:14 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

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:08:32 PM



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

26.817min (-0.002) 8.08ng/ul m

response 407585

Ion Exp% Act%

276.00 100 100

138.00 22.10 23.75

277.00 24.10 24.50

0.00 0.00 0.00

S3
 12/17/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004025.D
 Acq On : 17 Dec 2018 08:57
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Quant Time: Dec 18 10:59:58 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

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5632	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14080m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15980m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14135m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3699	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11777m	0.29	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.68	128	3130	0.125	ng/ul#	90
5) 2-Methylnaphthalene	12.29	142	2749	0.157	ng/ul	100
7) Acenaphthylene	14.19	152	90309	3.561	ng/ul	100
8) Acenaphthene	14.53	153	2936	0.132	ng/ul	95
9) Fluorene	15.54	166	9036	0.349	ng/ul#	51
12) Phenanthrene	17.26	178	241685m	5.230	ng/ul	
13) Anthracene	17.35	178	82012m	2.159	ng/ul	
15) Fluoranthene	19.28	202	1022627m	18.739	ng/ul	
17) Pyrene	19.64	202	1086256	18.953	ng/ul	99
18) Benzo(a)anthracene	21.39	228	739877m	14.659	ng/ul	
19) Chrysene	21.44	228	842271m	14.582	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	1046869m	17.904	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	386459m	6.784	ng/ul	
23) Benzo(a)pyrene	23.63	252	647621m	12.790	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	442657m	7.624	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	137489m	2.942	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	407585m	8.077	ng/ul	

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