

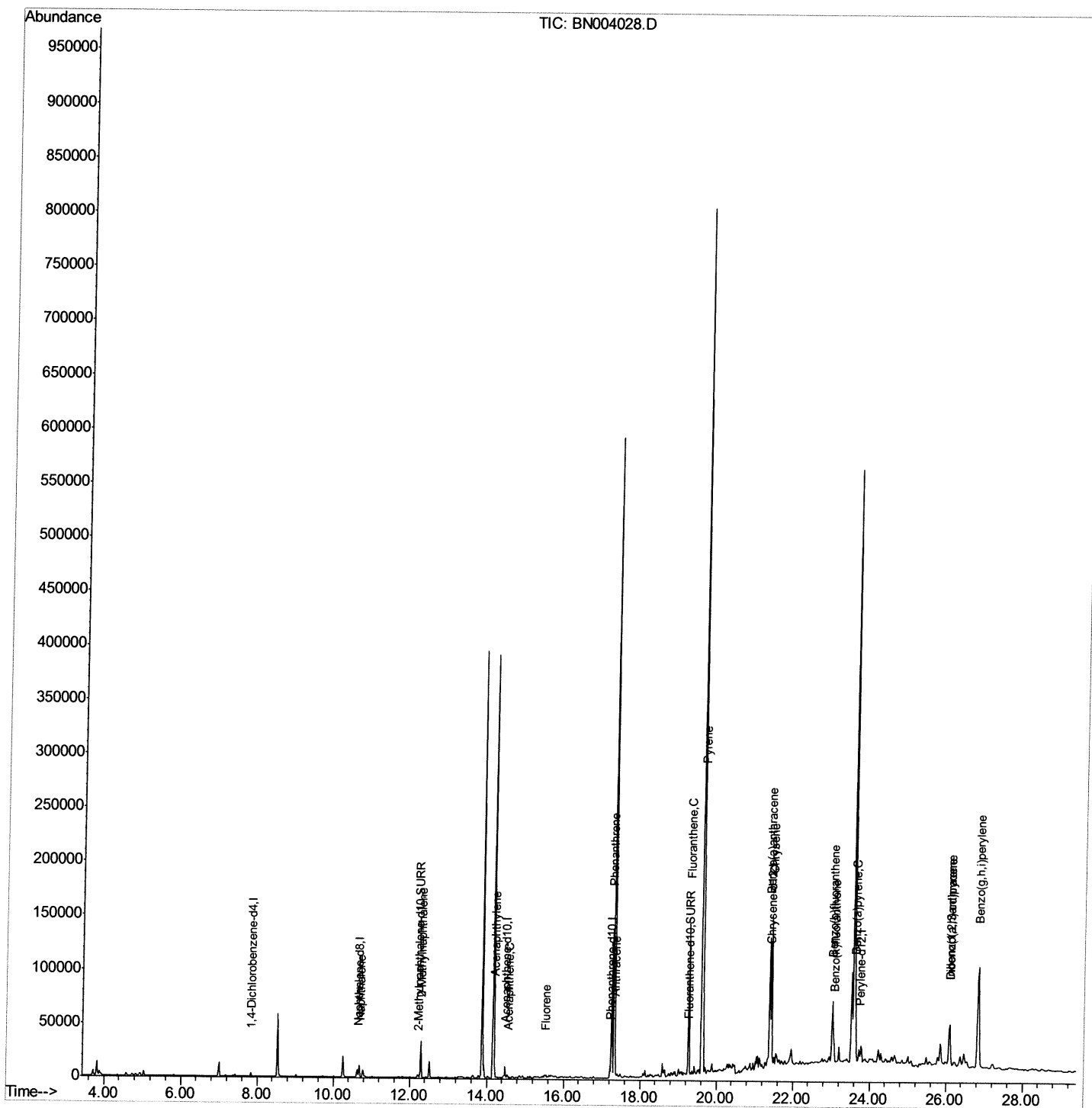
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:25:05 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



Quantitation Report (Qedit)

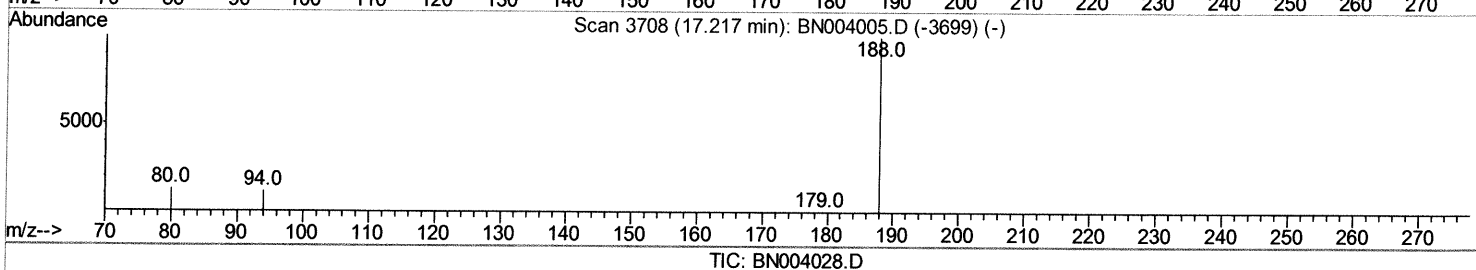
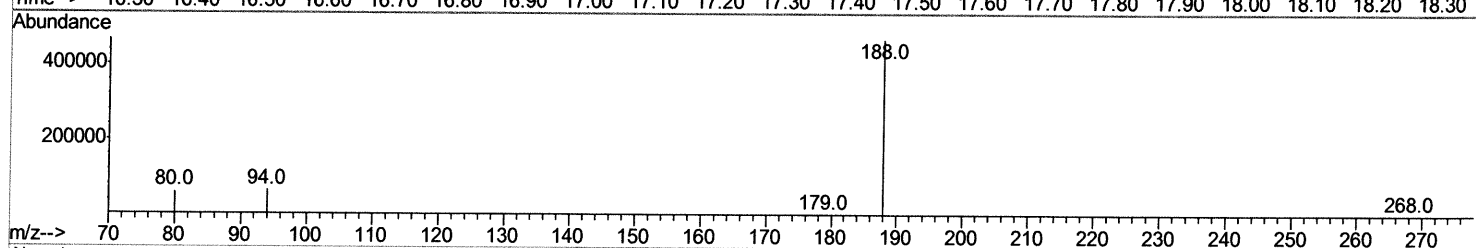
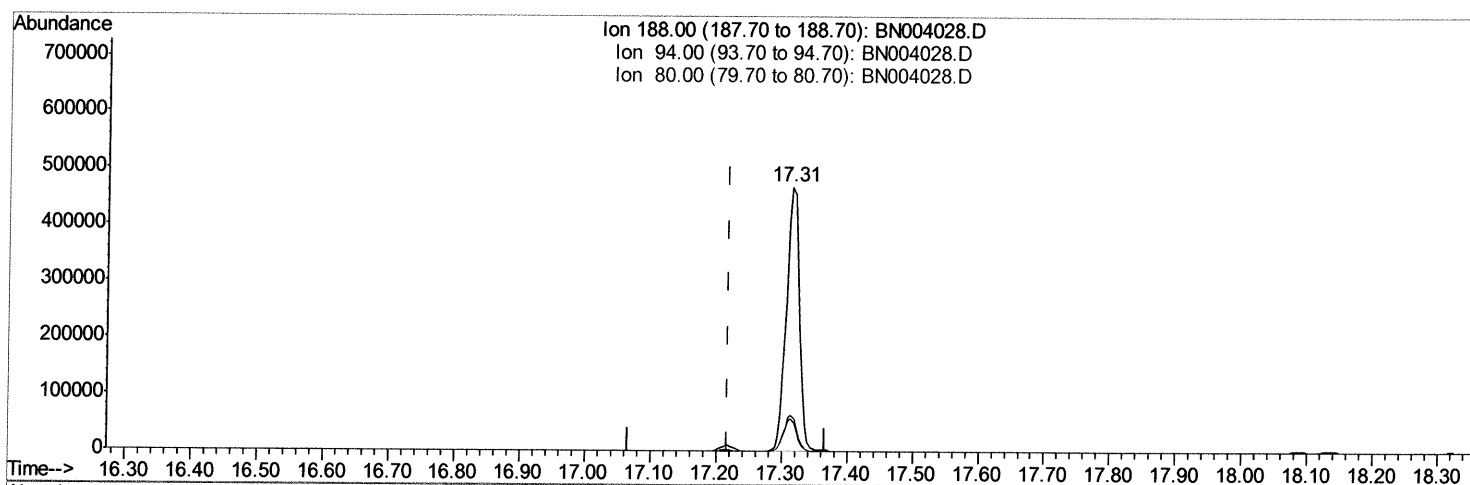
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:06 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 650919

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.68#
80.00	11.60	12.48
0.00	0.00	0.00

Quantitation Report (Qedit)

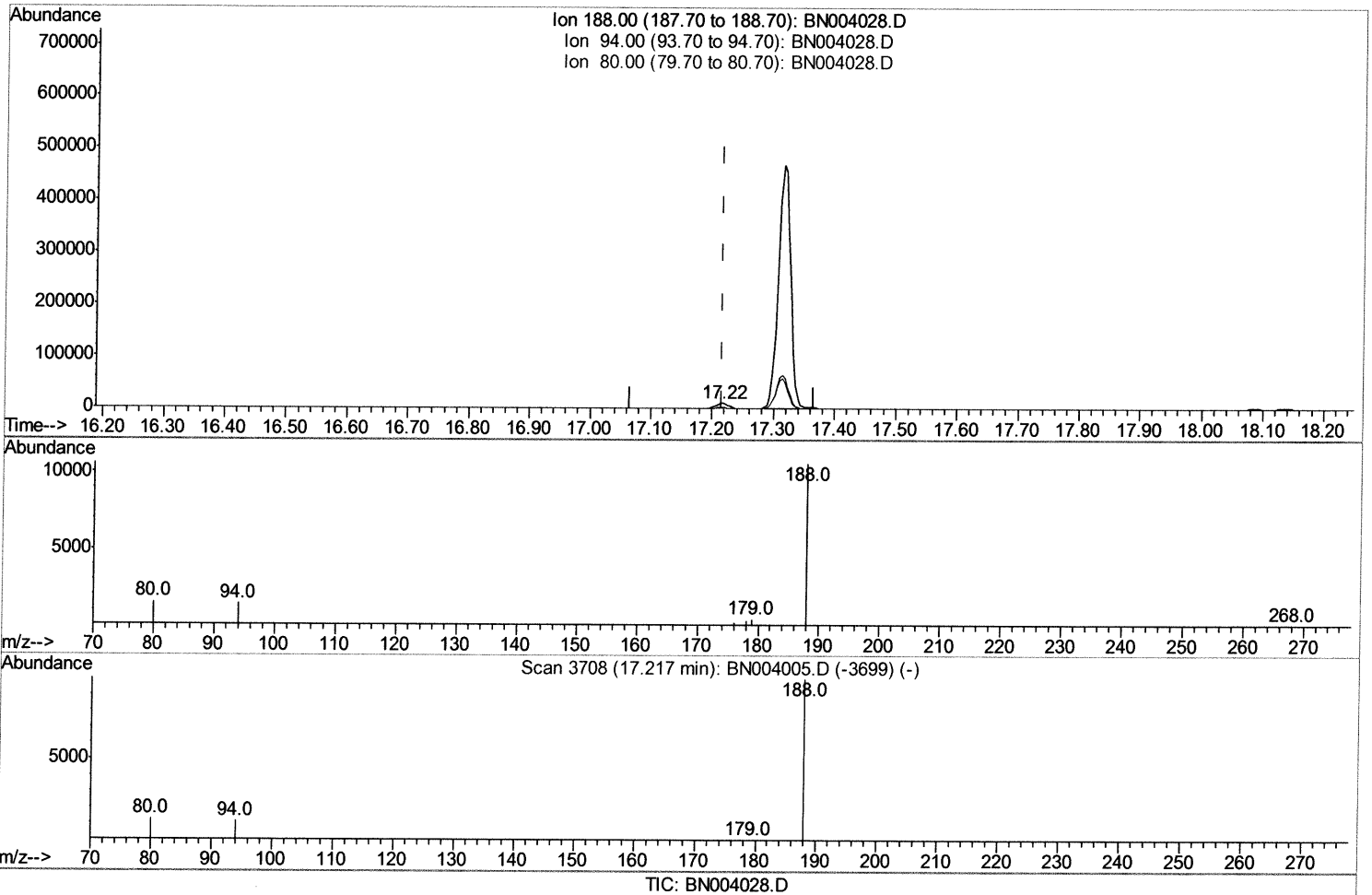
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:06 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)

17.217min (-0.000) 0.40ng/ul m

response 14657

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.53#
80.00	11.60	14.36#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

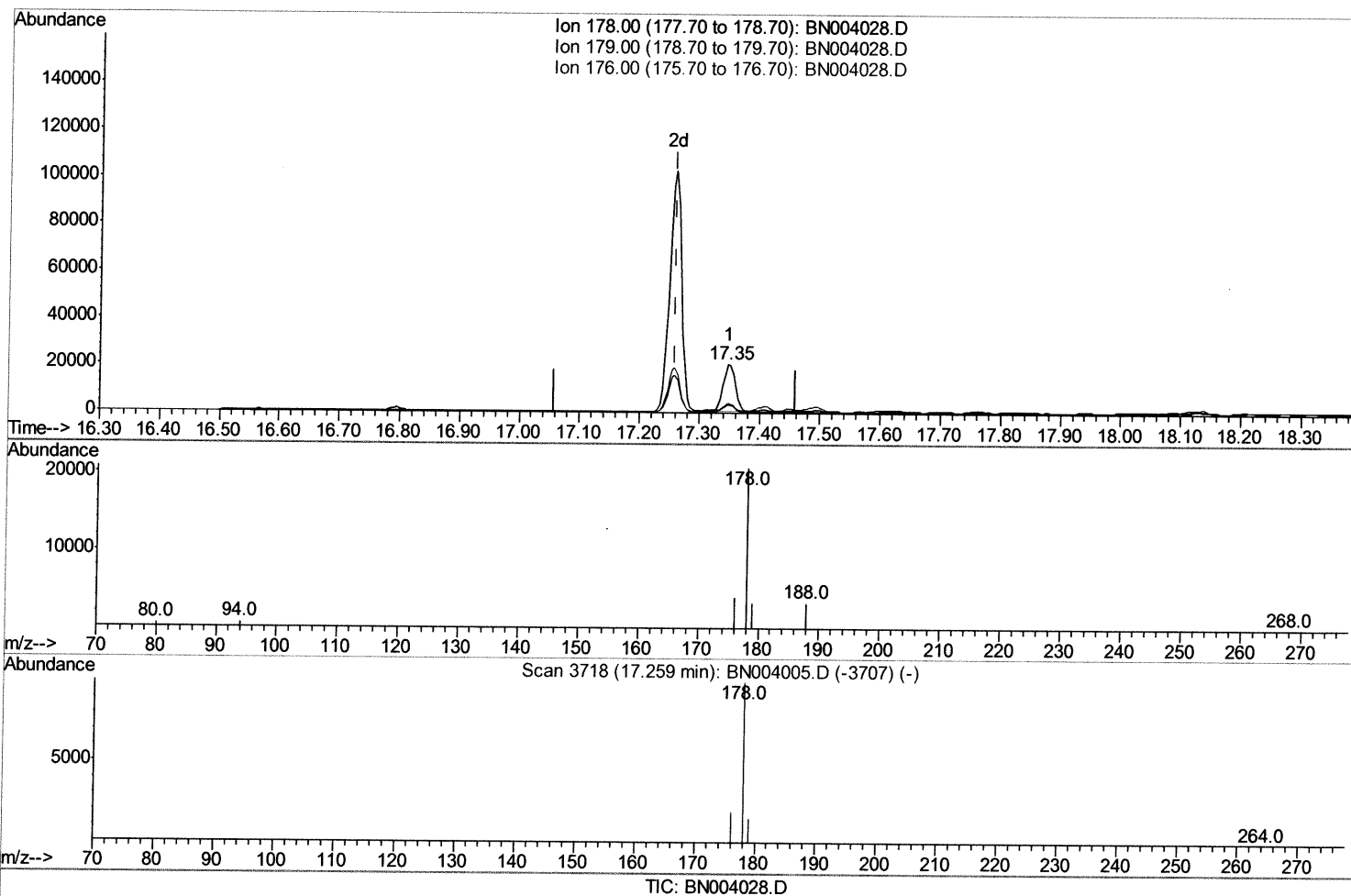
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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) 0.59ng/ul

response 28261

Ion	Exp%	Act%
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178.00	100	100
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179.00	15.60	16.35
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176.00	18.70	19.38
--------	-------	-------

0.00	0.00	0.00
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Quantitation Report (Qedit)

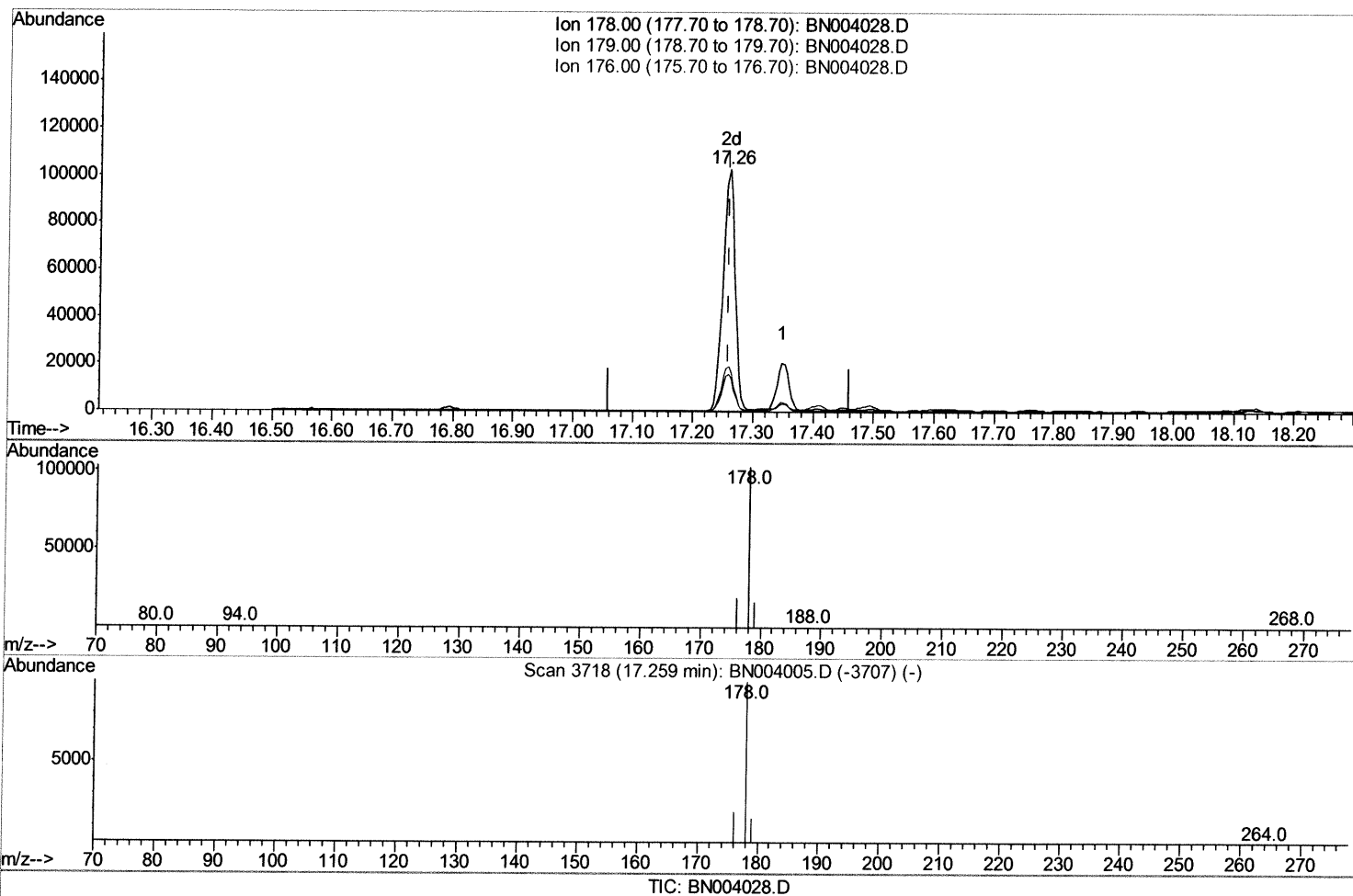
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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) 2.98ng/ul m

response 143189

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.57
176.00	18.70	18.84
0.00	0.00	0.00

> SJ
12/17/18

Quantitation Report (Qedit)

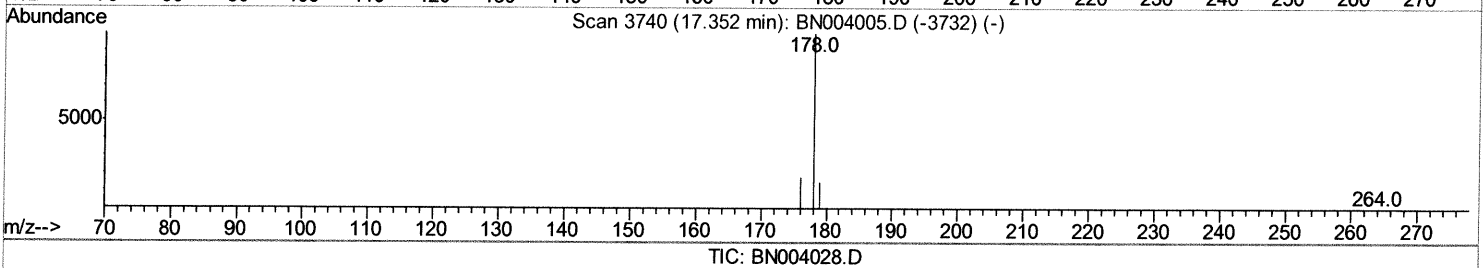
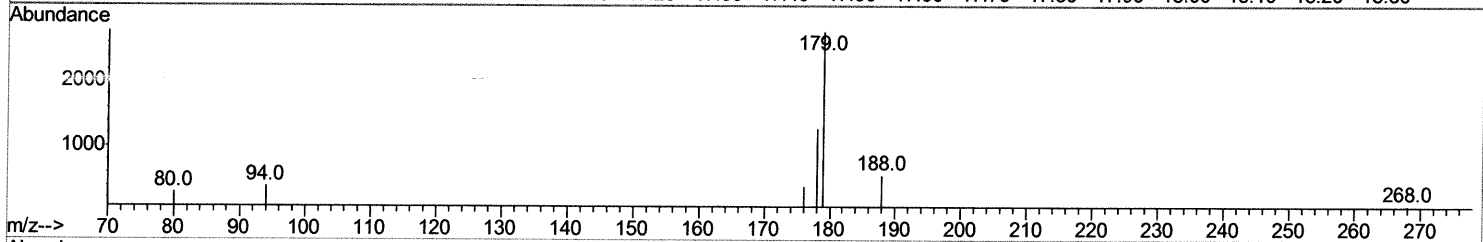
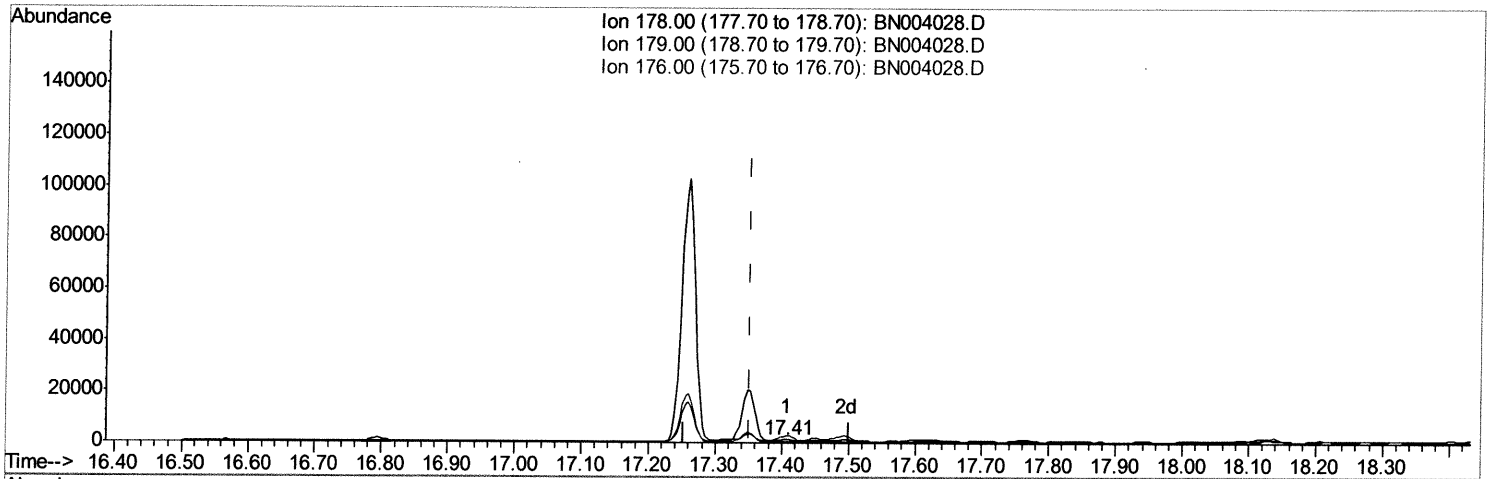
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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

17.407min (+0.055) 0.03ng/ul

response 1029

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	216.71#
176.00	18.50	30.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

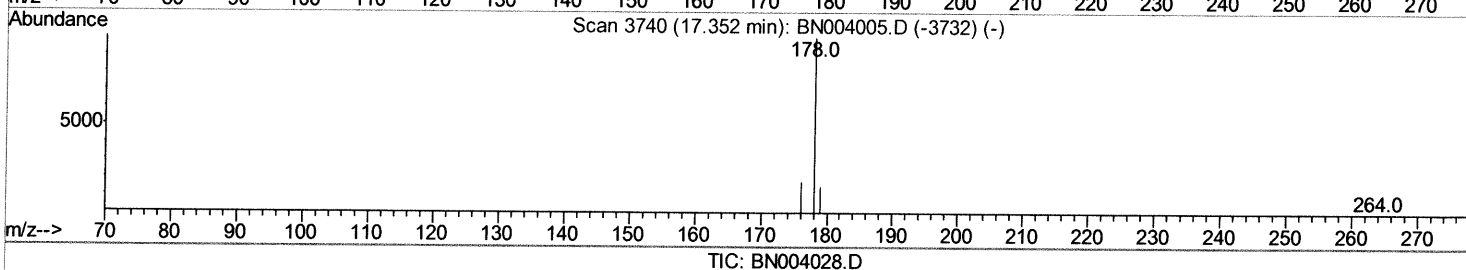
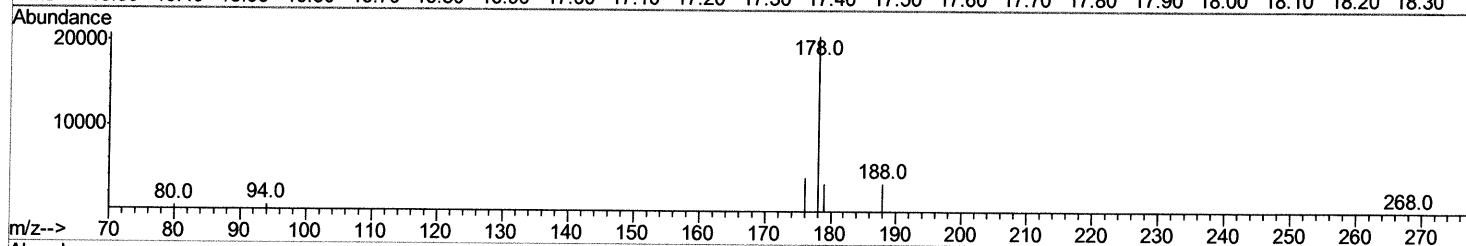
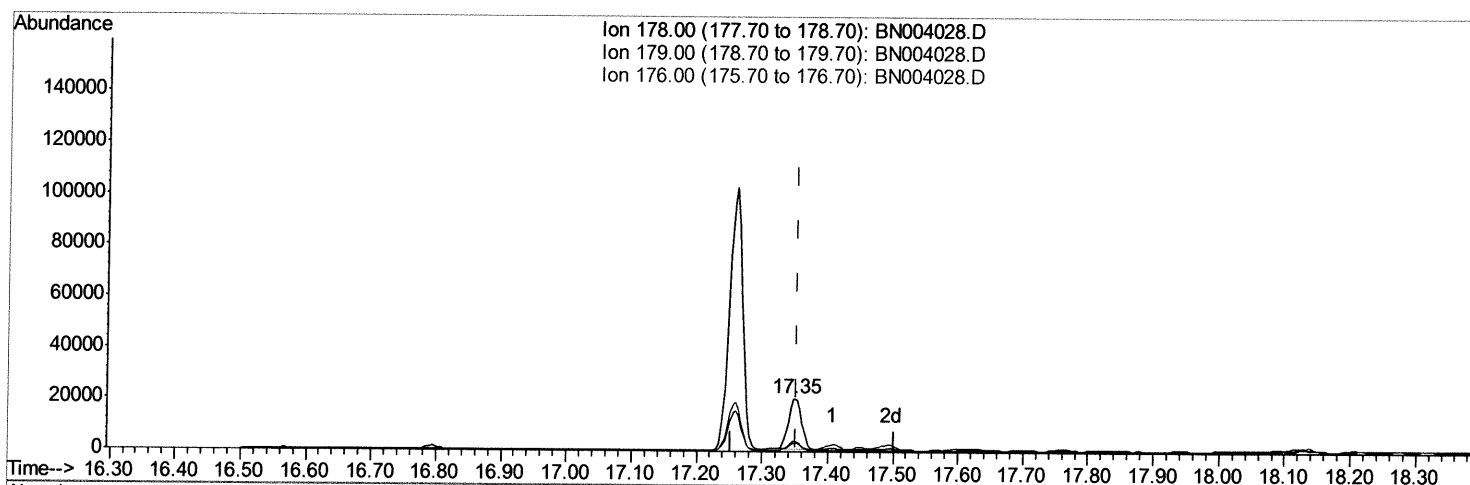
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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) 0.71ng/ul m

response 27947

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.35
176.00	18.50	19.38
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

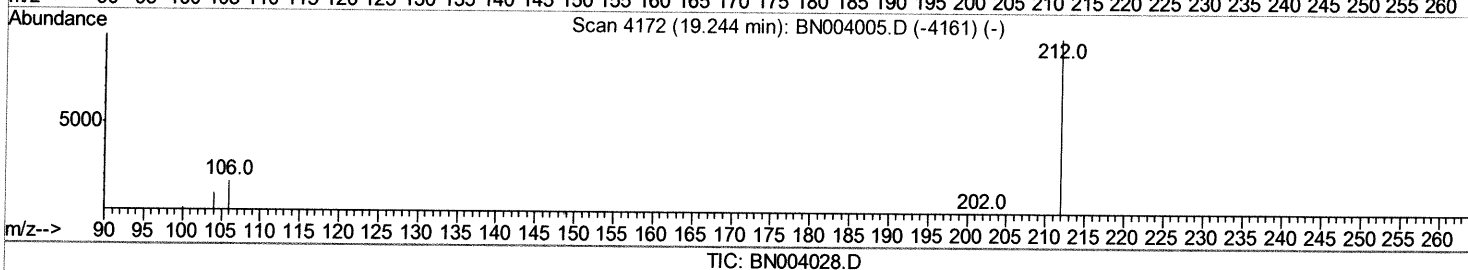
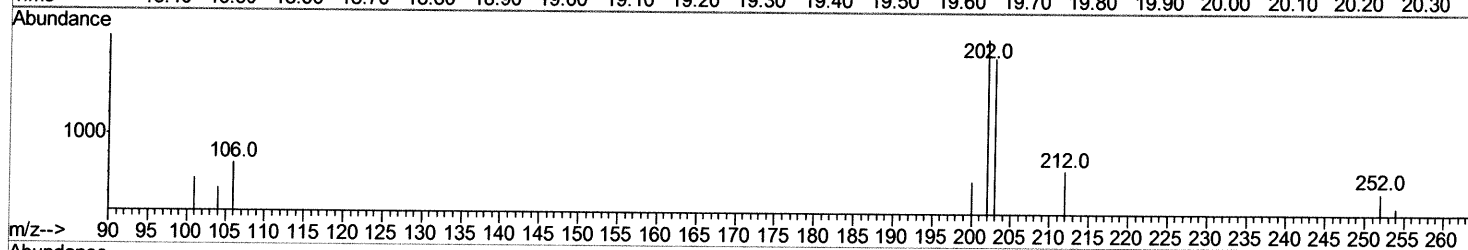
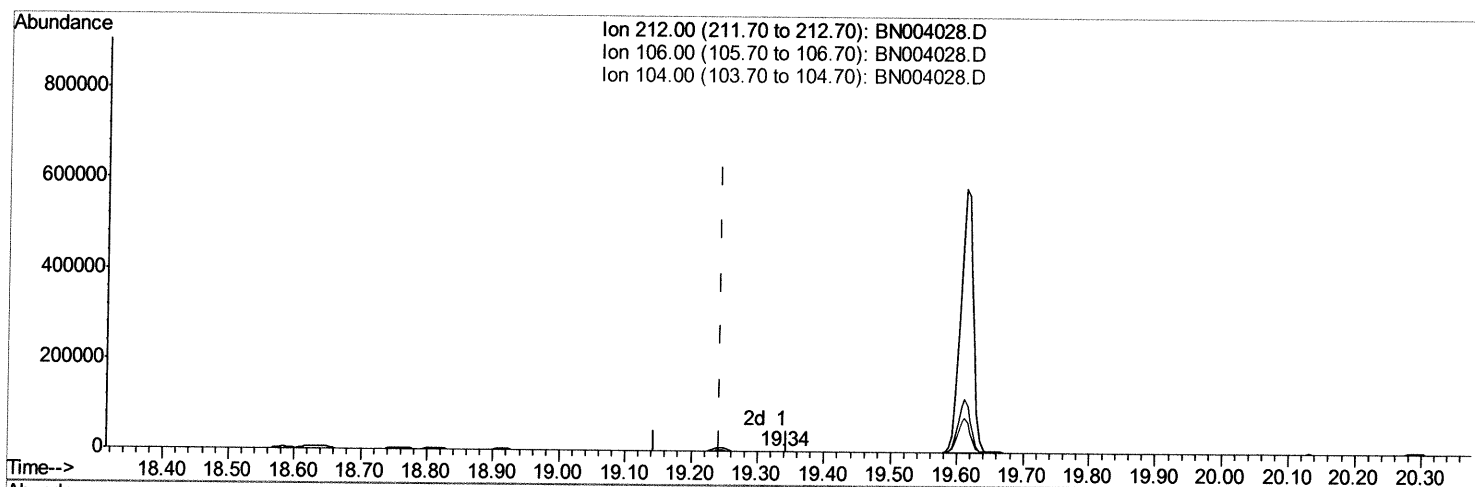
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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)

19.336min (+0.093) 0.01ng/ul

response 383

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	20.89#
104.00	8.00	50.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

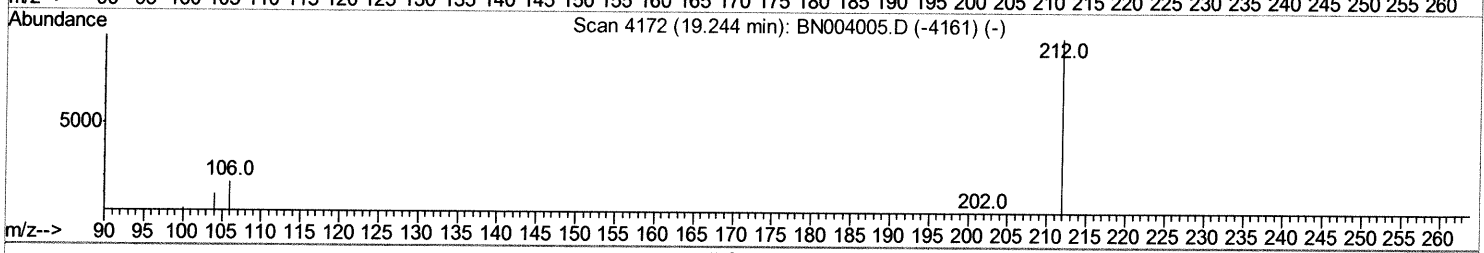
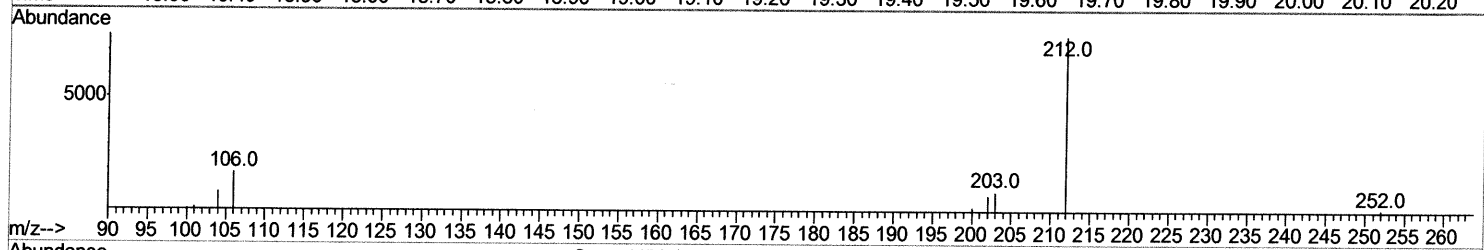
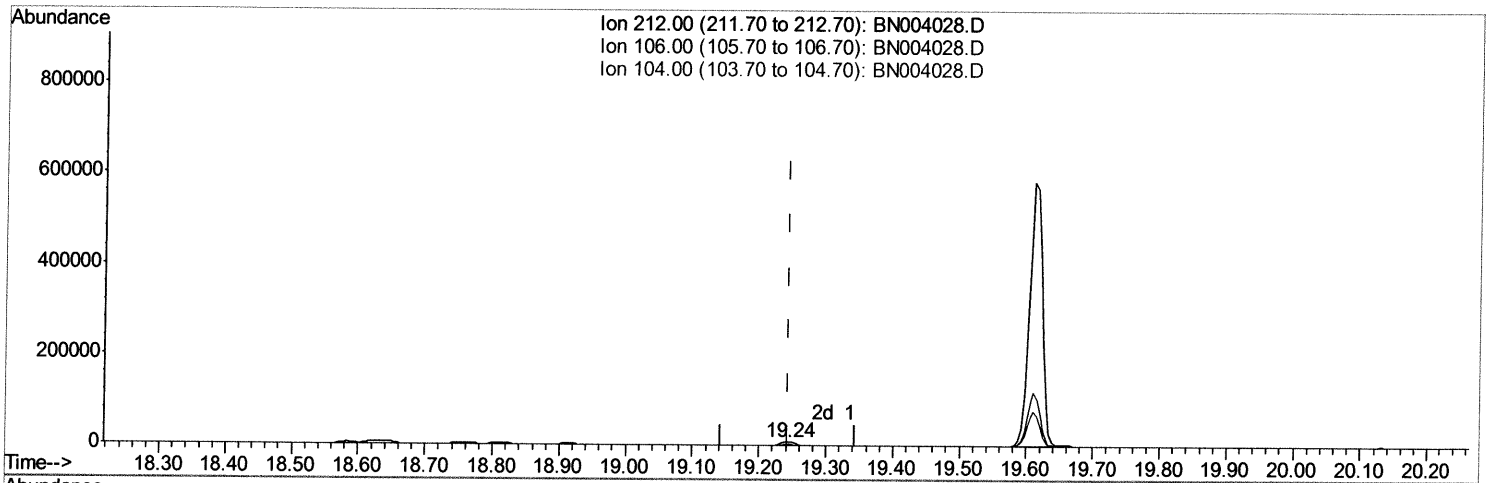
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:15:46 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: BN004028.D

(14) Fluoranthene-d10 (SURR)

19.244min (-0.000) 0.23ng/ul m

response 9698

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.82#
104.00	8.00	1.99#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

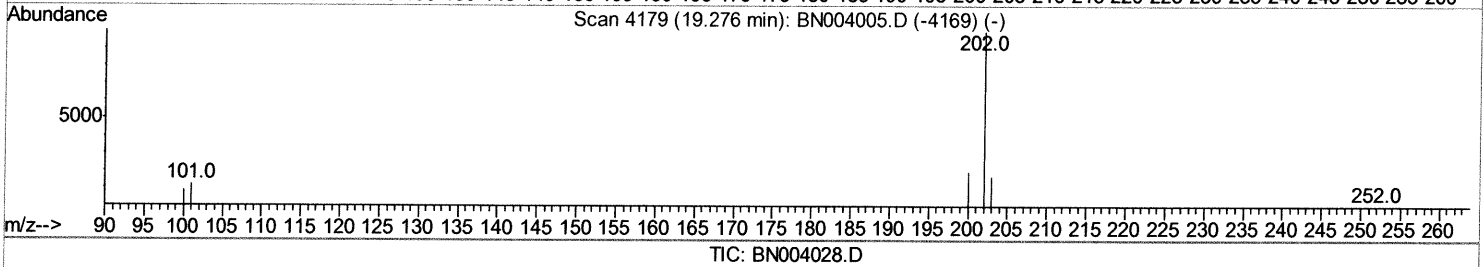
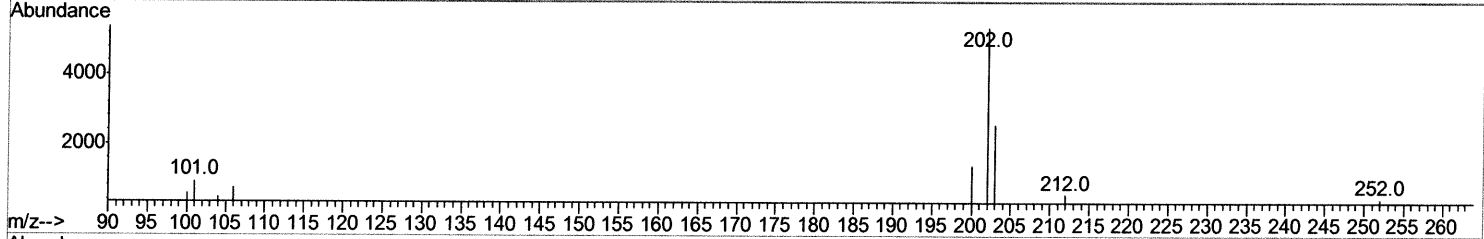
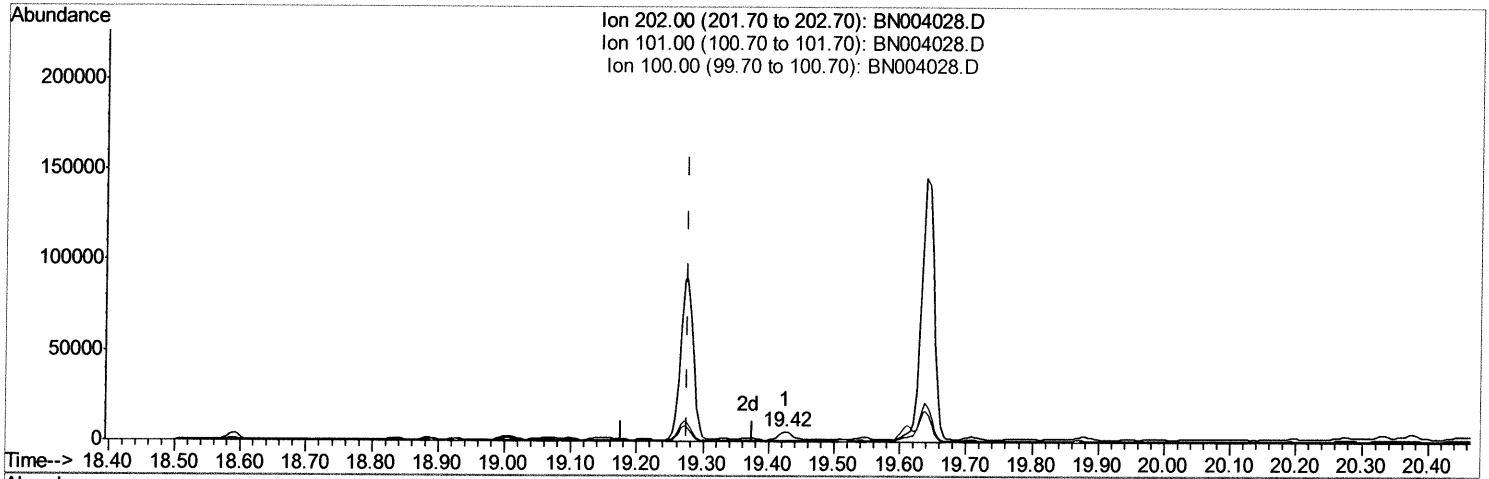
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:17:45 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: BN004028.D

(15) Fluoranthene (C)

19.425min (+0.149) 0.12ng/ul

response 6897

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	17.24
100.00	8.10	10.76
0.00	0.00	0.00

Quantitation Report (Qedit)

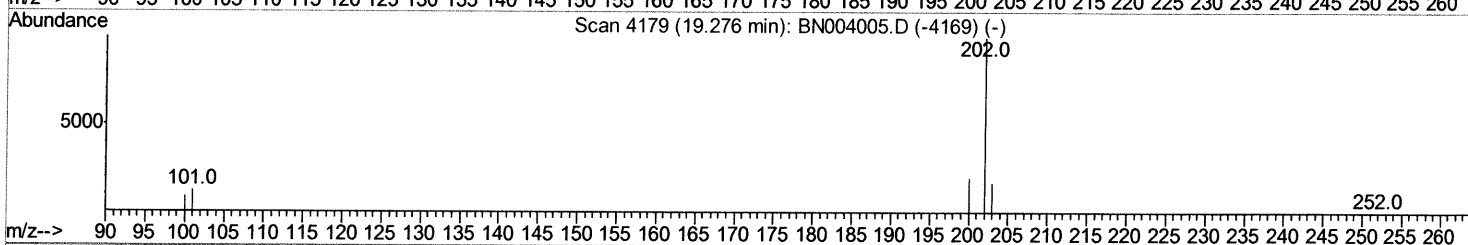
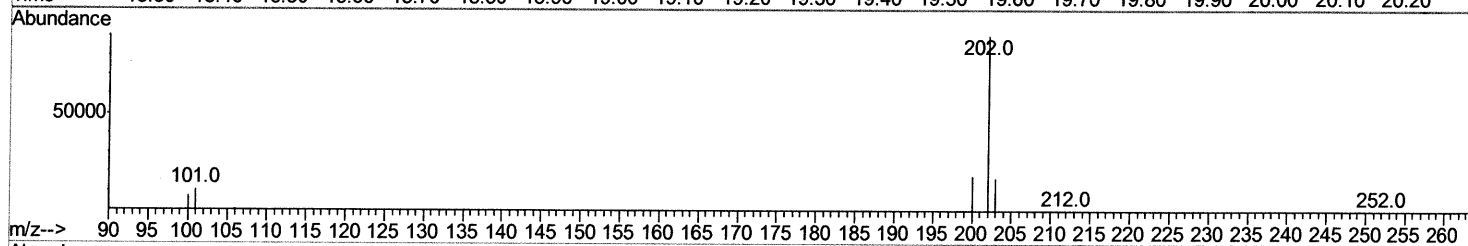
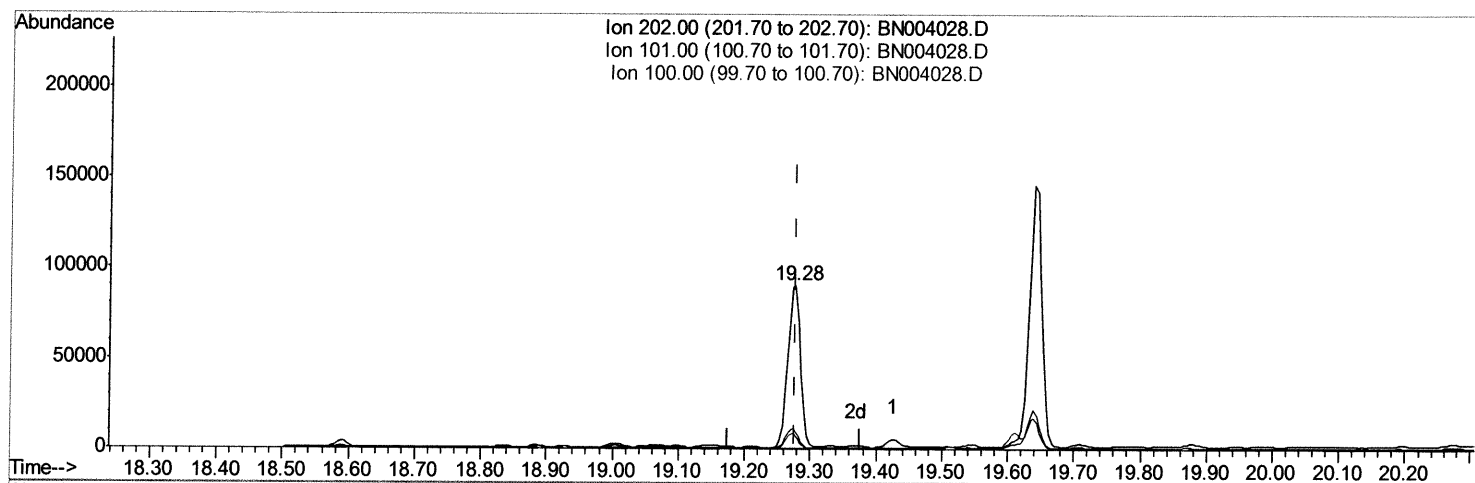
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:17:45 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: BN004028.D

(15) Fluoranthene (C)

19.276min (-0.000) 2.08ng/ul m

response 118232

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.96
100.00	8.10	8.71
0.00	0.00	0.00

> JJ
12/17/18

Quantitation Report (Qedit)

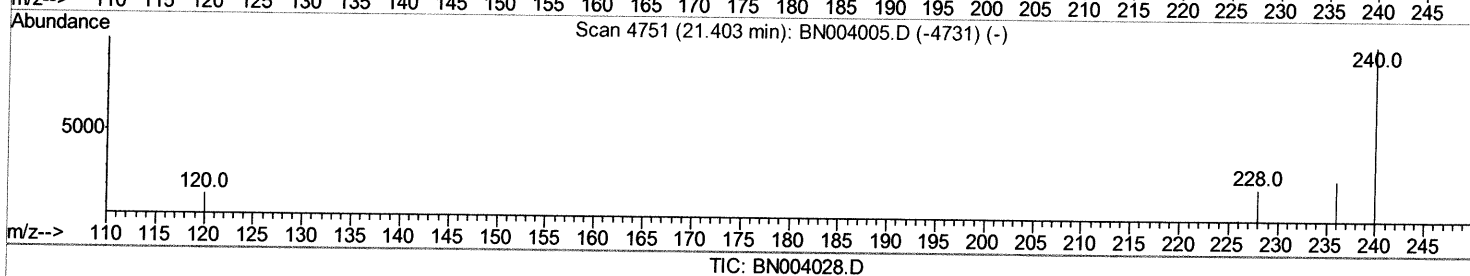
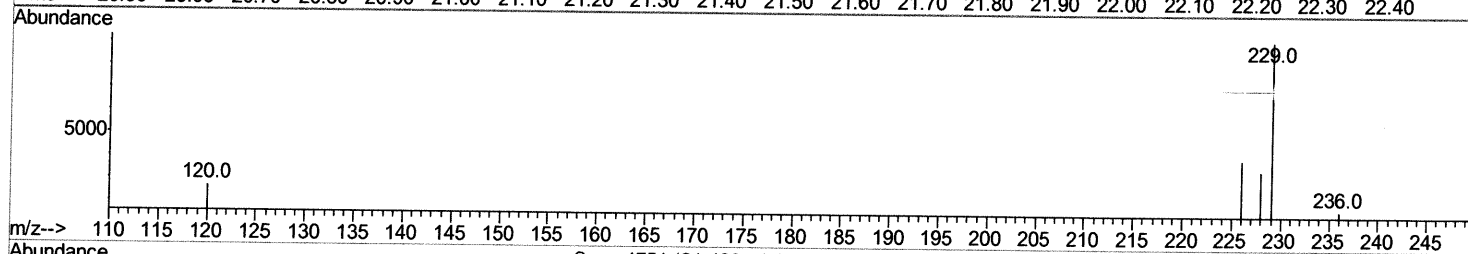
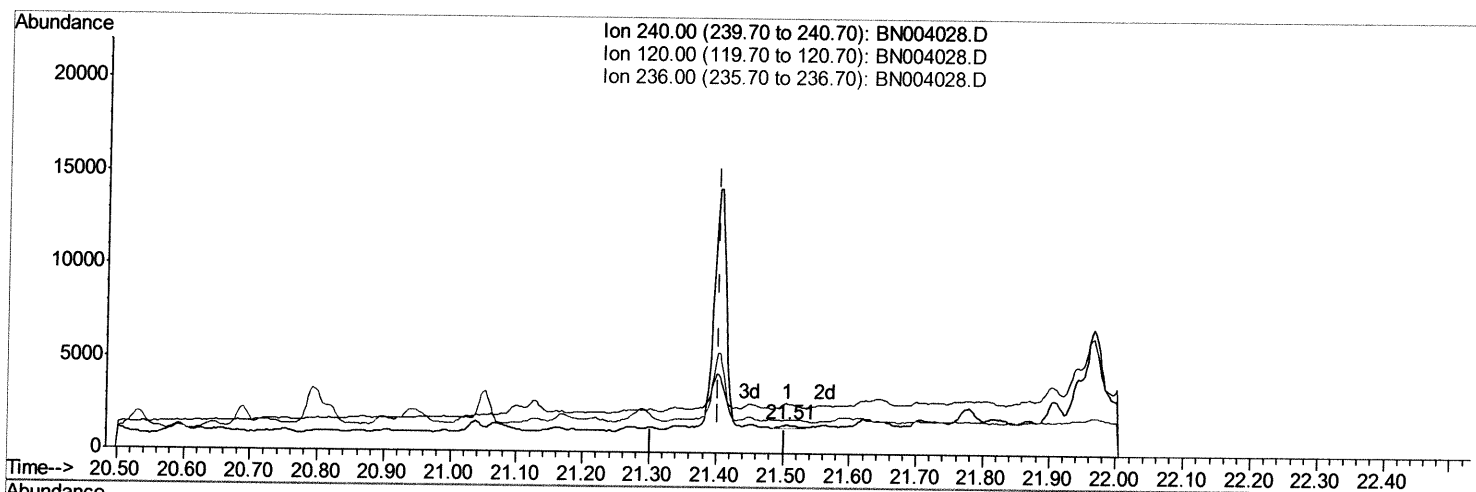
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:17:45 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)

21.508min (+0.105) 0.40ng/ul

response 342

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	172.18#
236.00	27.60	117.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

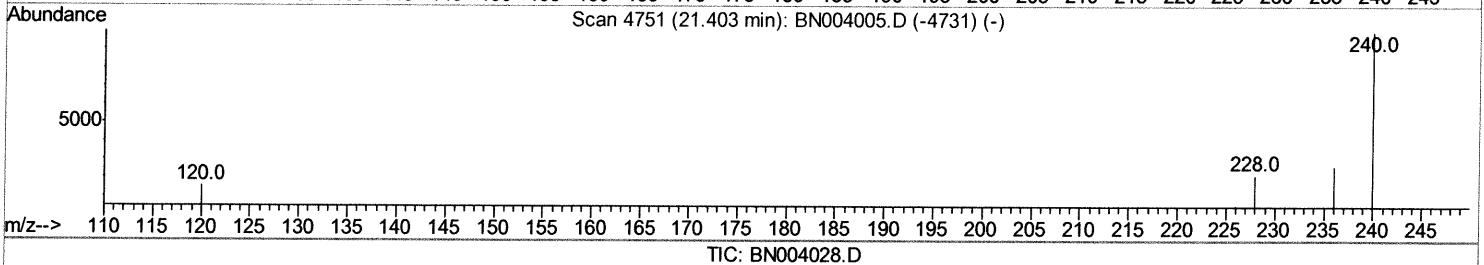
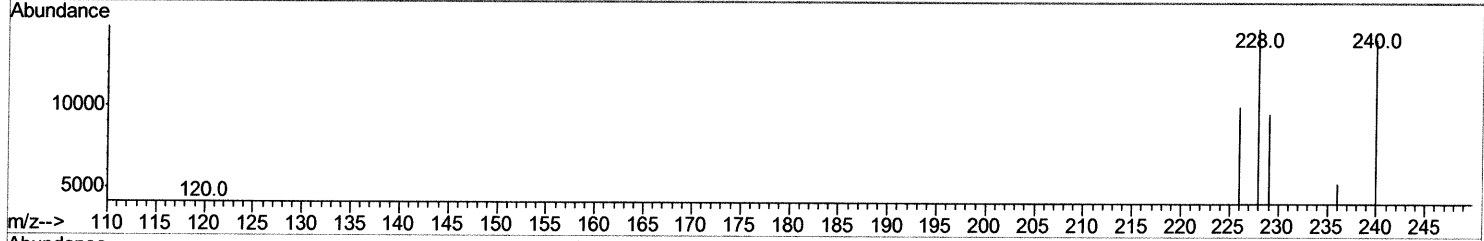
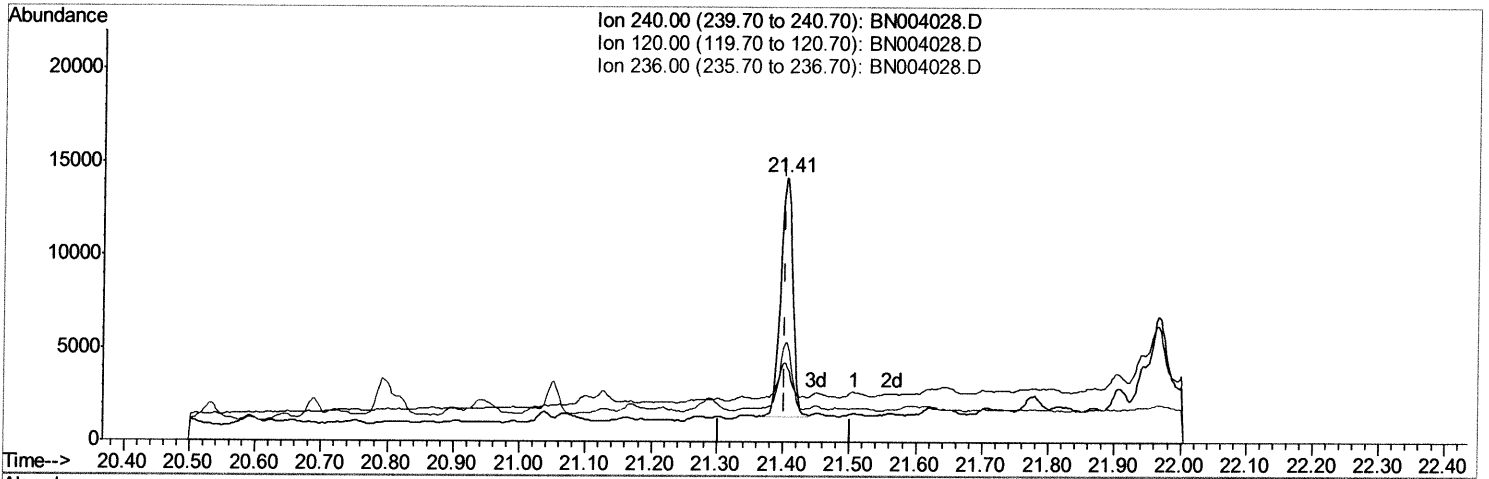
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:17:45 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)

21.406min (+0.003) 0.40ng/ul m

response 16303

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	28.68#
236.00	27.60	37.53#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

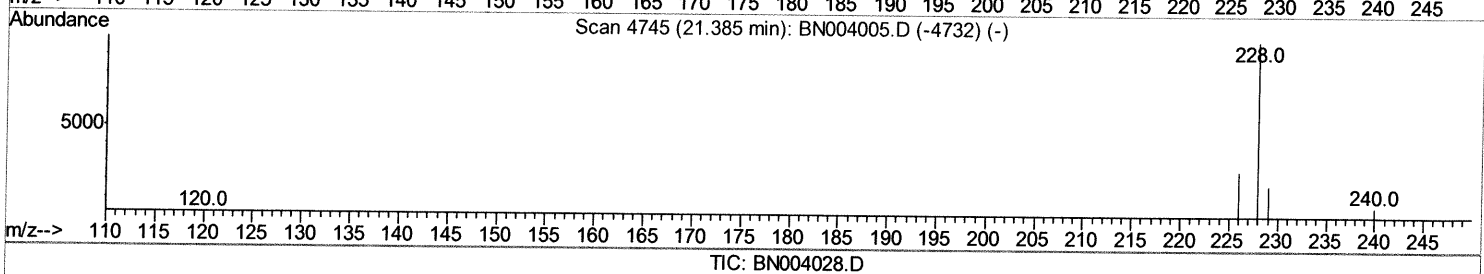
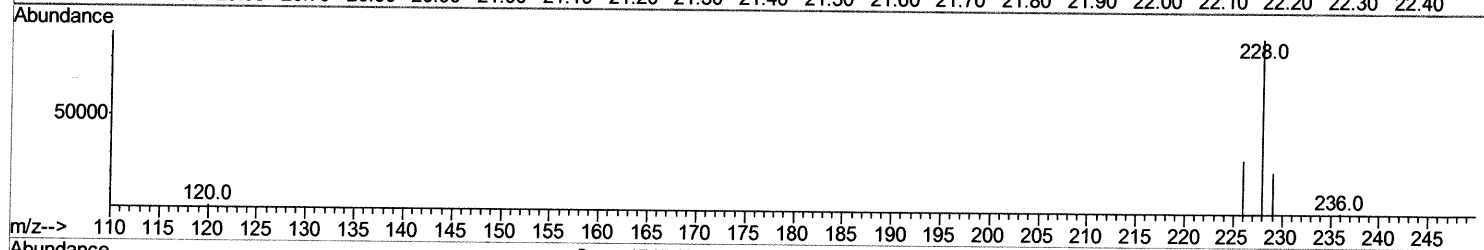
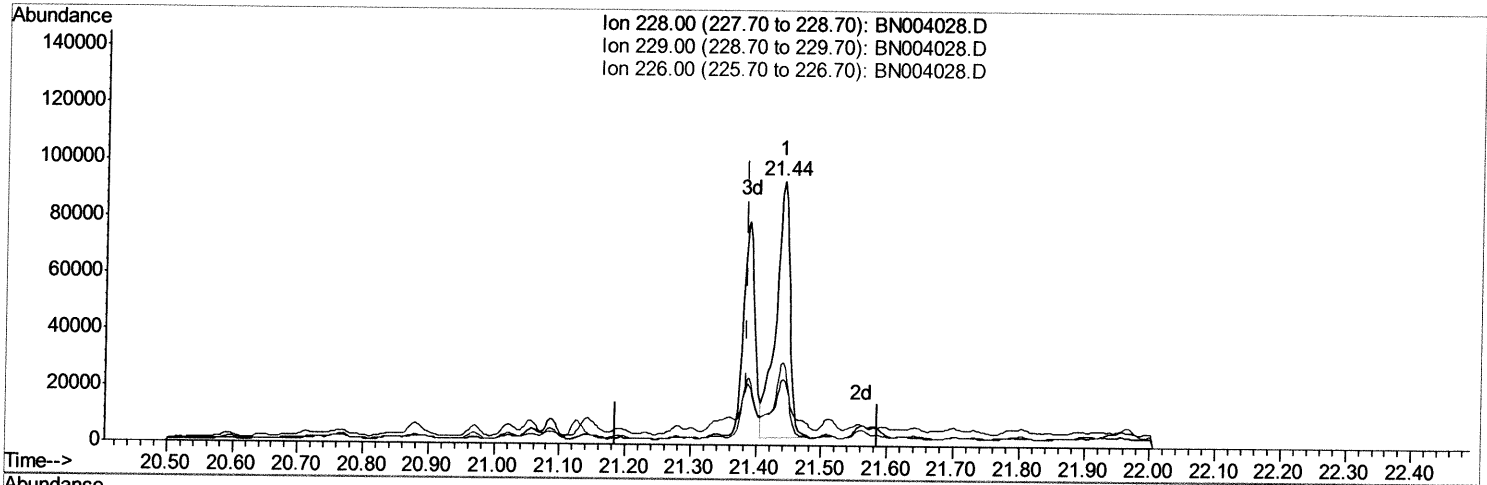
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:19:59 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
 21.441min (+0.055) 2.66ng/ul
 response 137065

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	25.09#
226.00	26.40	31.57
0.00	0.00	0.00

Quantitation Report (Qedit)

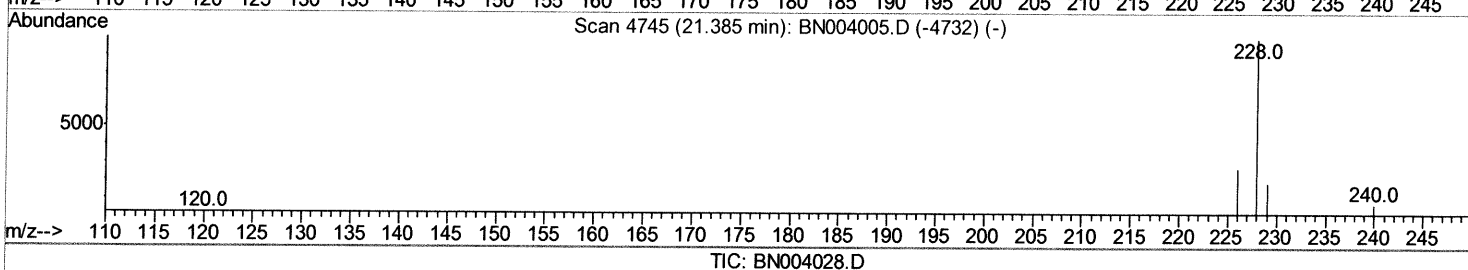
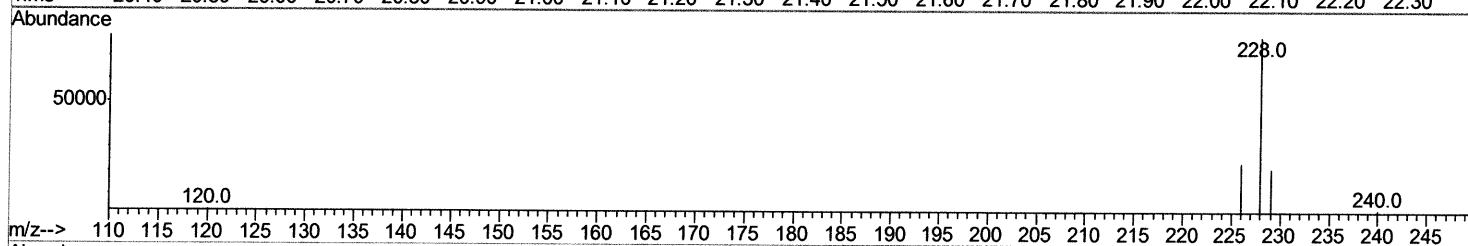
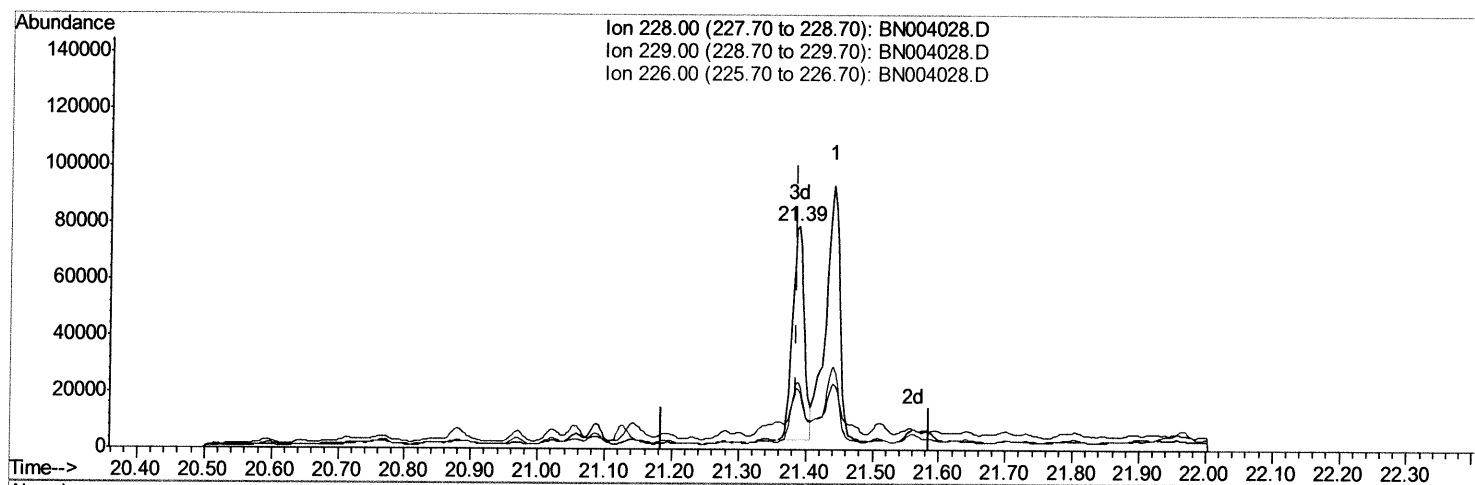
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:19:59 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

21.388min (+0.003) 1.80ng/ul m

response 92477

Ion Exp% Act%

228.00 100 100

229.00 19.50 27.06#

226.00 26.40 30.31

0.00 0.00 0.00

> SJ
12/17/18

Quantitation Report (Qedit)

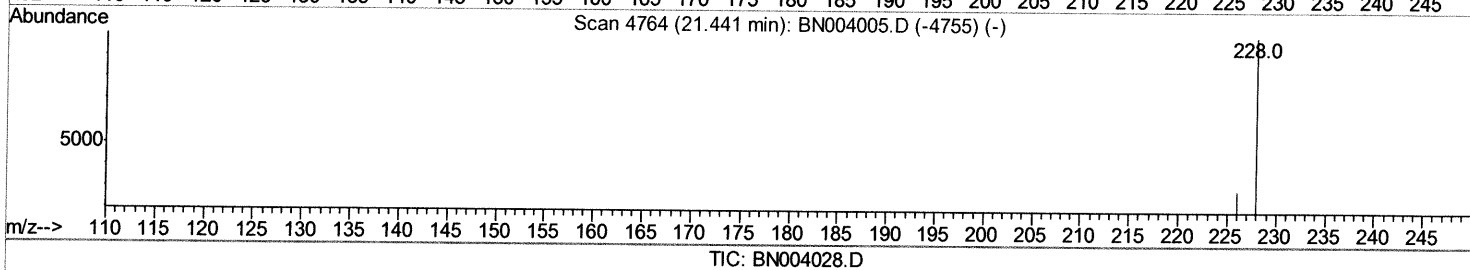
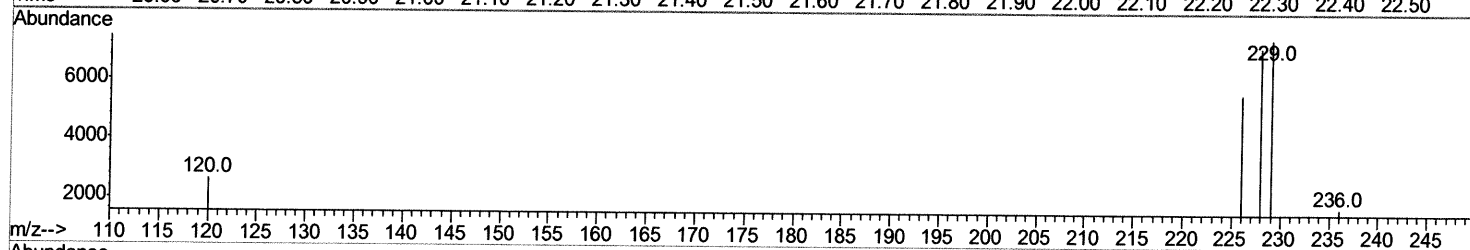
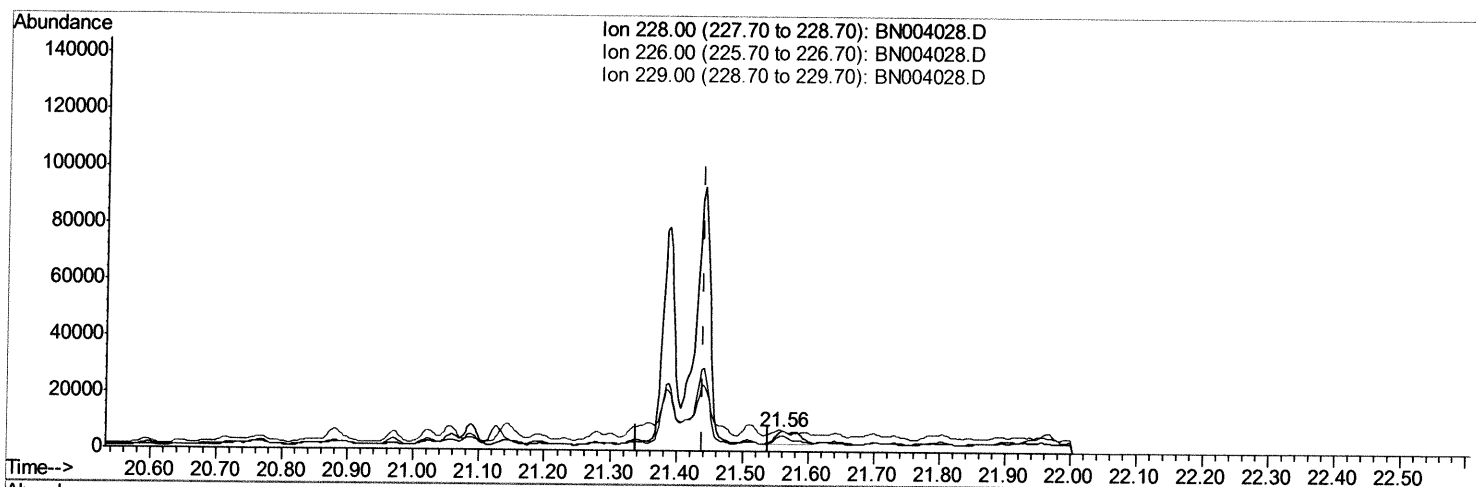
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:19:59 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

21.560min (+0.120) 0.20ng/ul

response 11992

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	78.36#
229.00	19.60	104.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

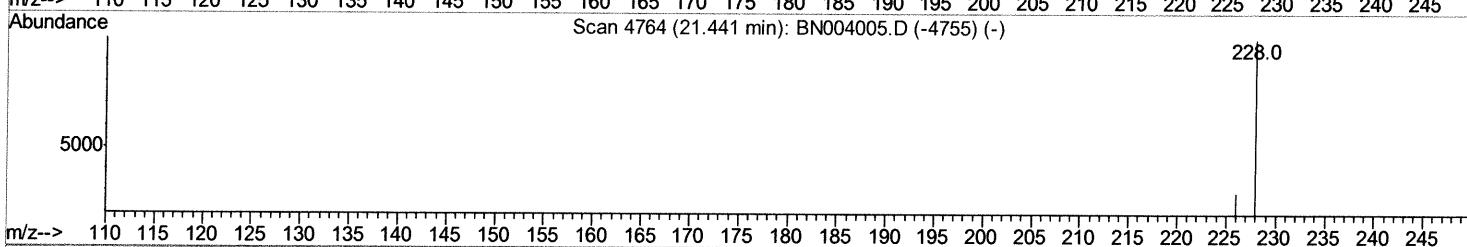
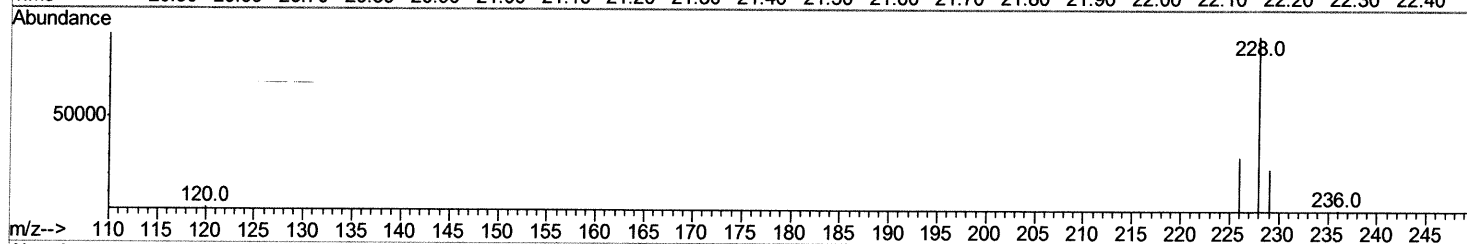
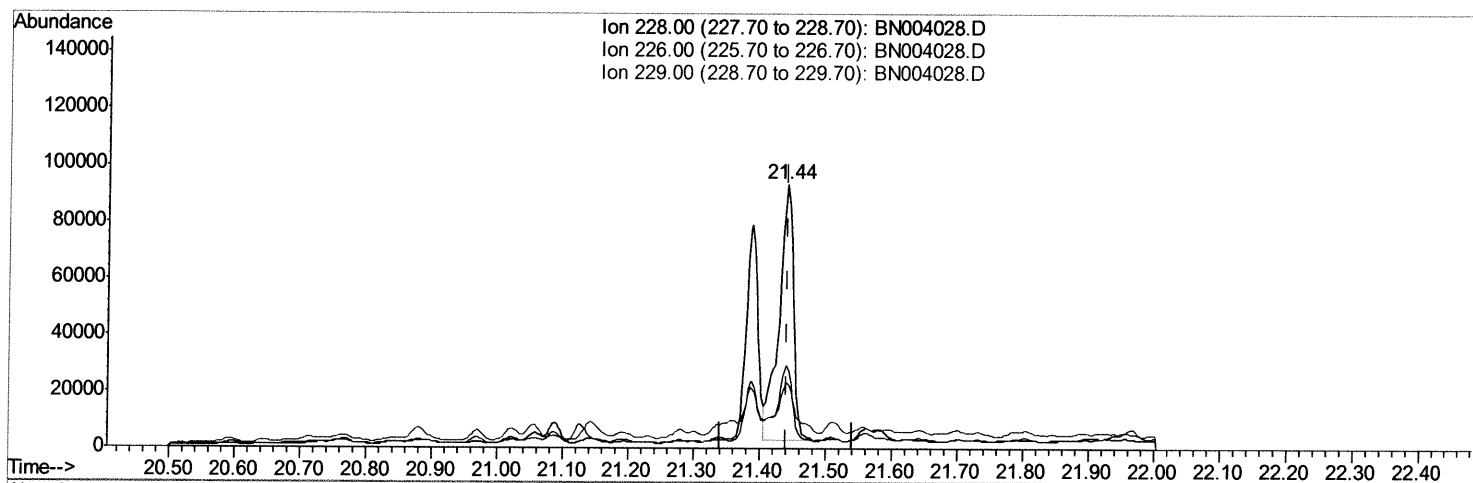
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:19:59 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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 Response via : Initial Calibration



TIC: BN004028.D

(19) Chrysene

21.441min (-0.000) 2.31ng/ul m

response 135894

Ion Exp% Act%

228.00 100 100

226.00 30.00 31.57

229.00 19.60 25.09#

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

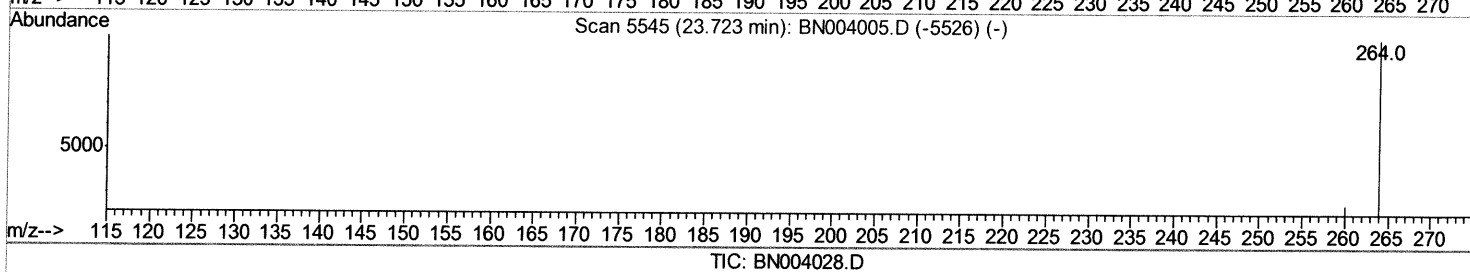
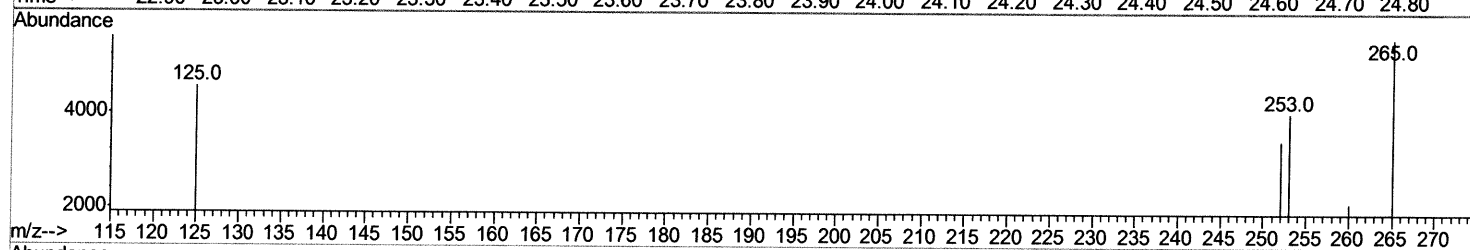
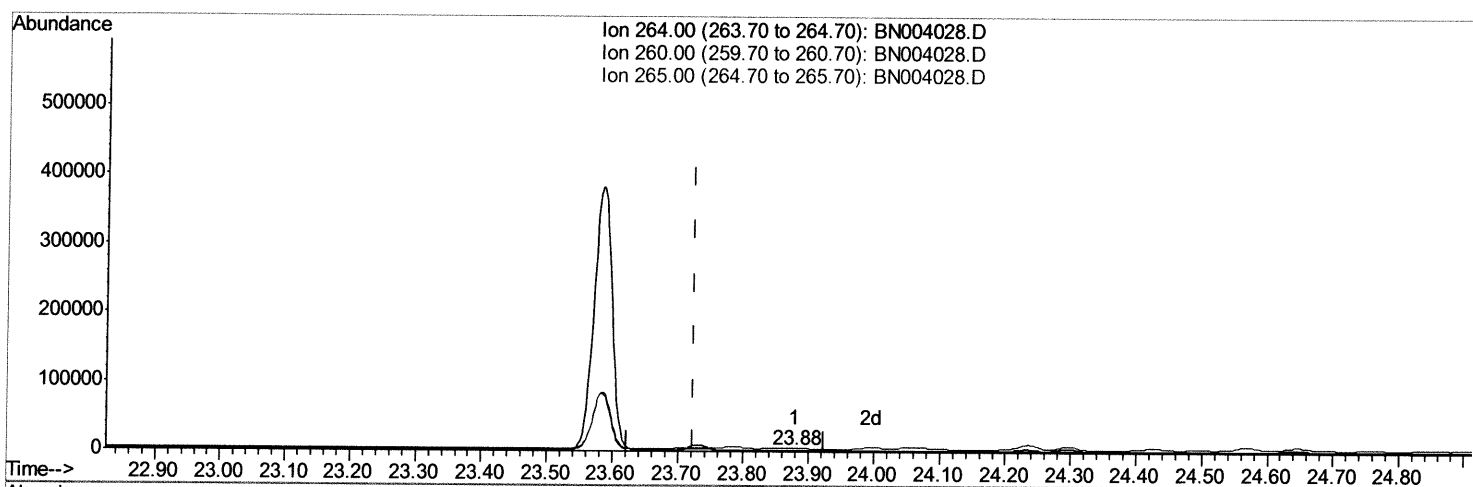
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

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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
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.878min (+0.155) 0.40ng/ul

response 1184

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	112.47#
265.00	33.50	295.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

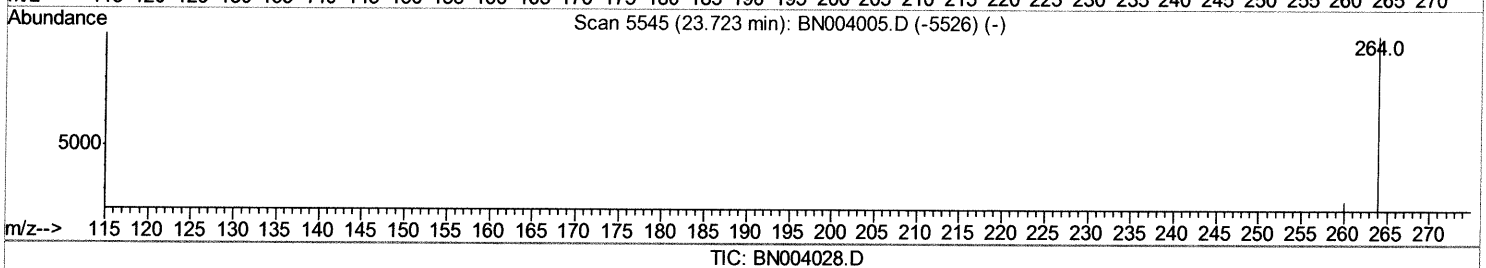
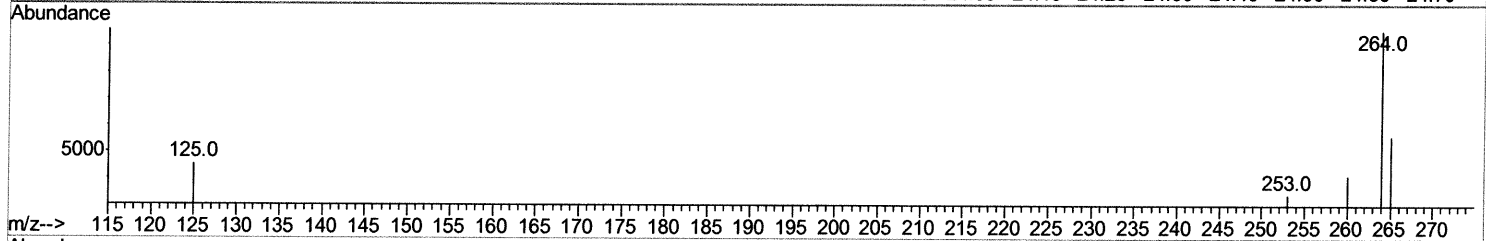
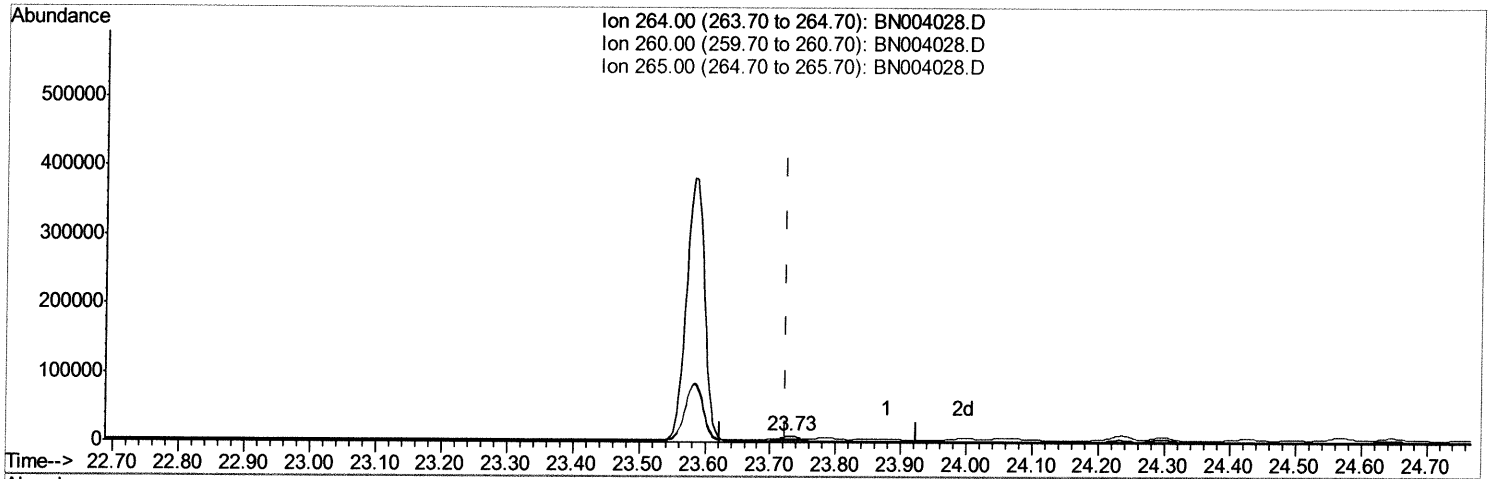
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:19:59 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
 Response via : Initial Calibration



TIC: BN004028.D

(20) Perylene-d12 (I)

23.729min (+0.006) 0.40ng/ul m

response 14543

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	43.36#
265.00	33.50	58.72#
0.00	0.00	0.00

> 53
 12/17/18

Quantitation Report (Qedit)

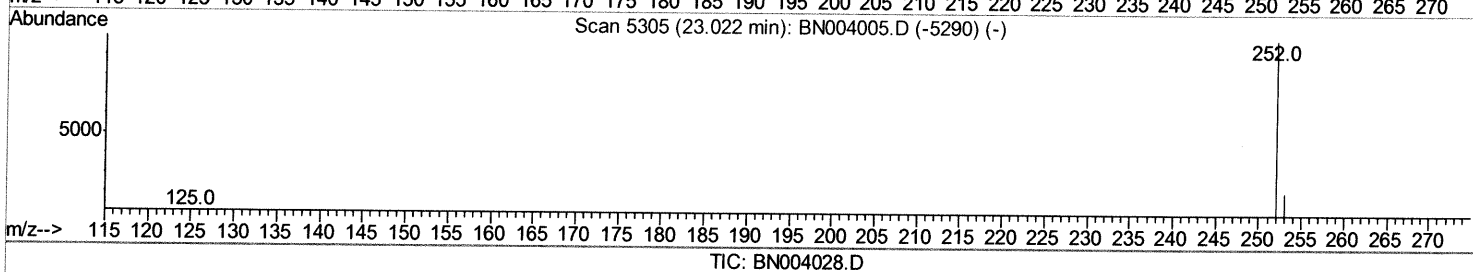
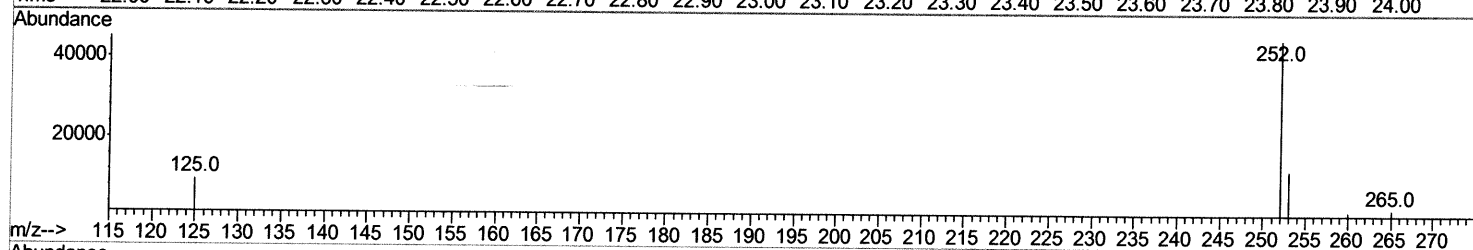
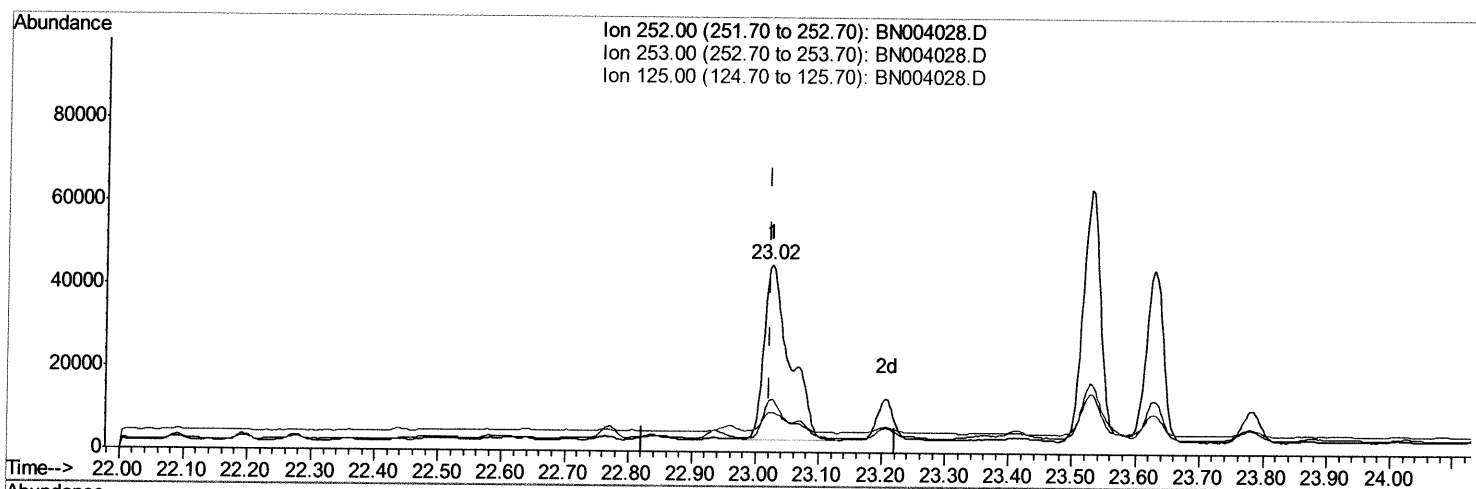
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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: BN004028.D

(21) Benzo(b)fluoranthene

23.025min (+0.003) 1.97ng/ul

response 118605

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	28.15
125.00	11.20	21.46
0.00	0.00	0.00

Quantitation Report (Qedit)

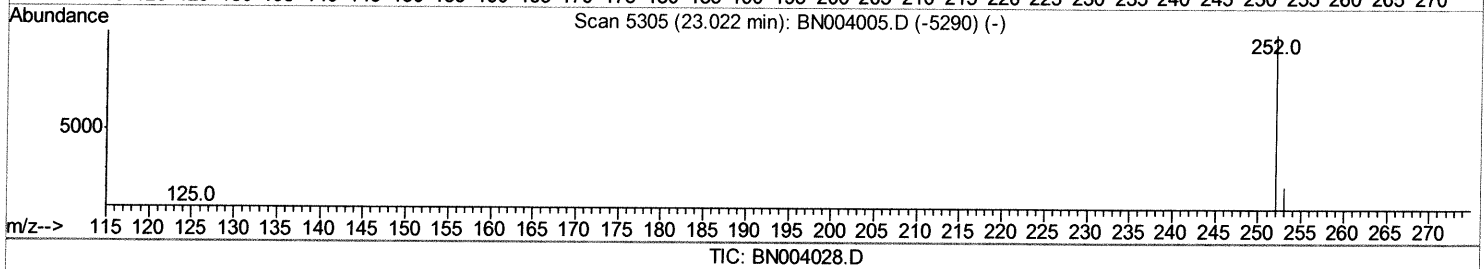
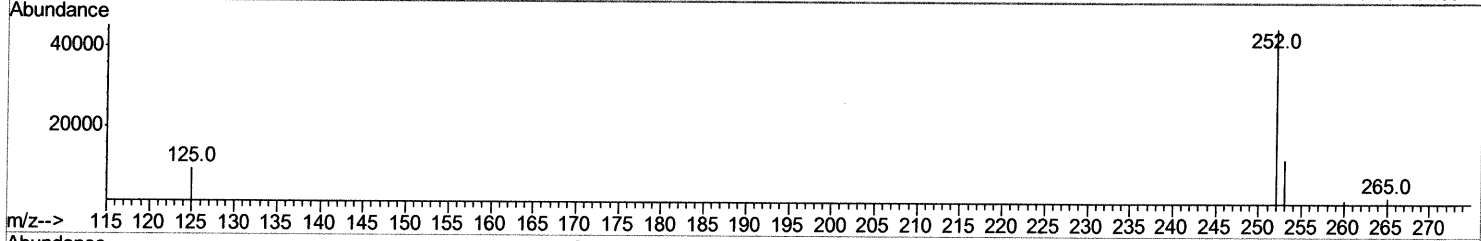
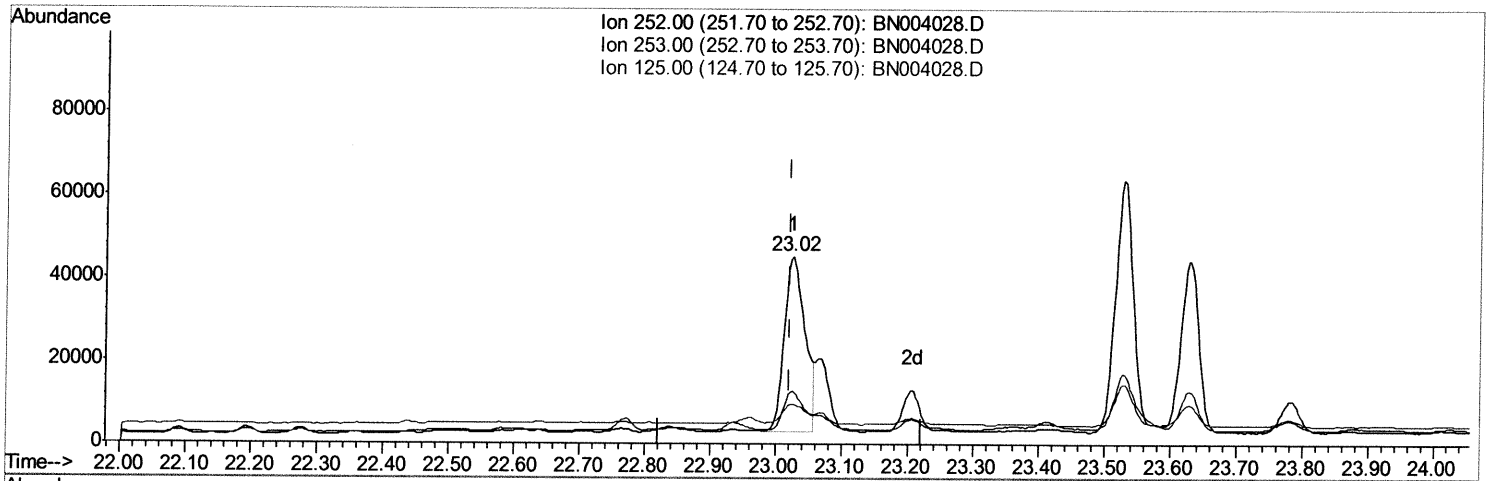
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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

23.025min (+0.003) 1.54ng/ul m

response 92600

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	28.15
125.00	11.20	21.46
0.00	0.00	0.00

> 55
 12/17/18

Quantitation Report (Qedit)

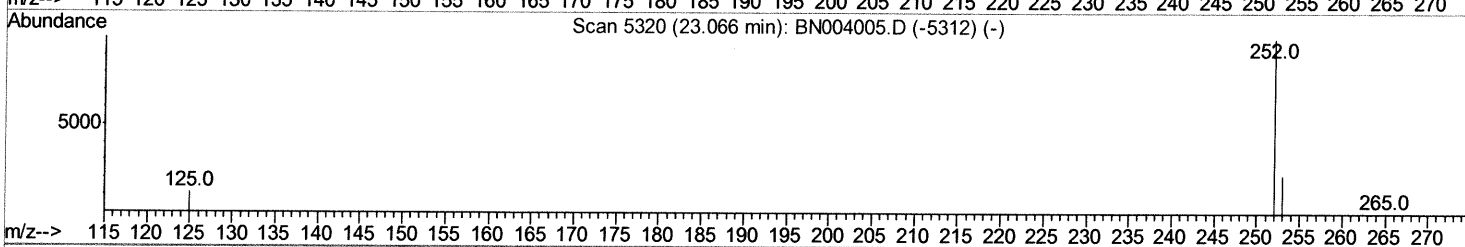
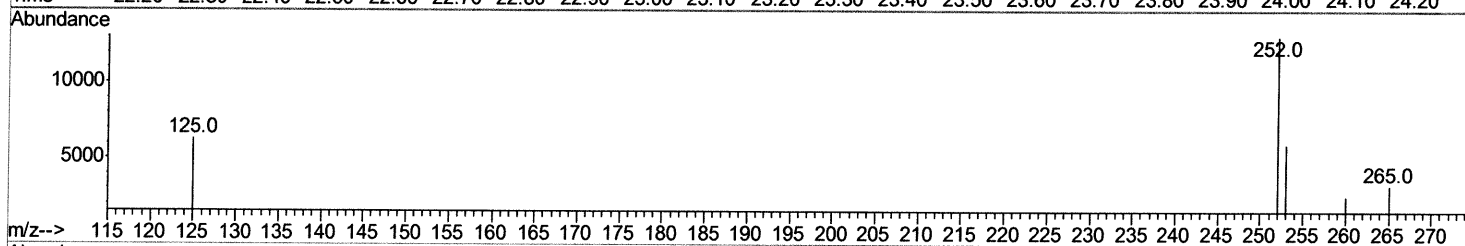
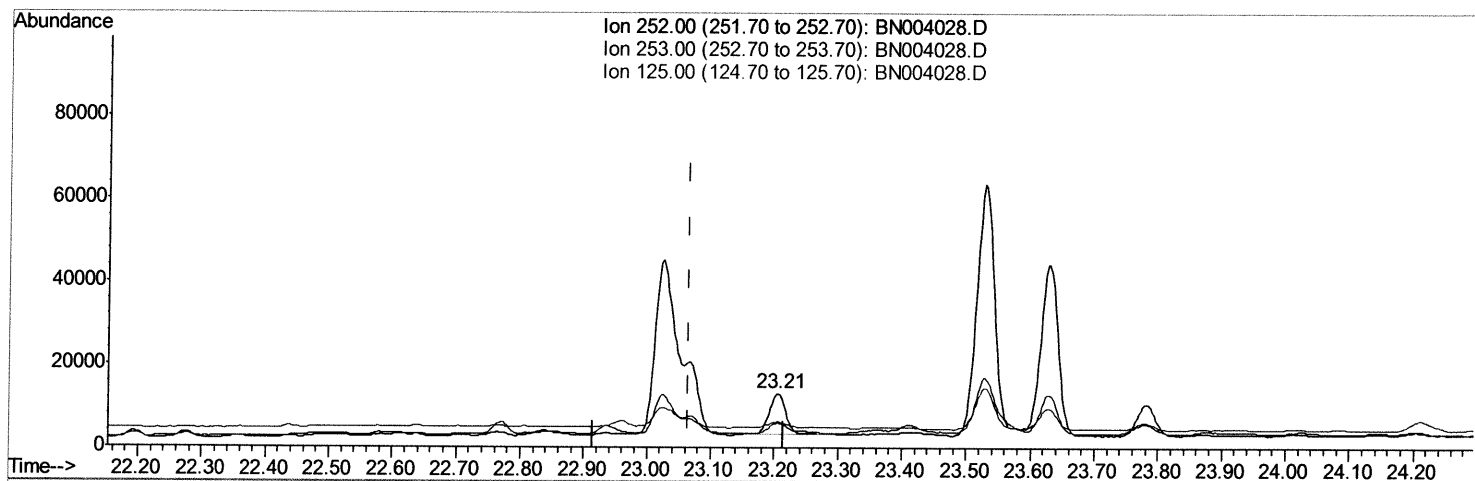
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
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 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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 Response via : Initial Calibration



TIC: BN004028.D

(22) Benzo(k)fluoranthene

23.206min (+0.140) 0.32ng/ul

response 18586

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	45.91#
125.00	11.30	47.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

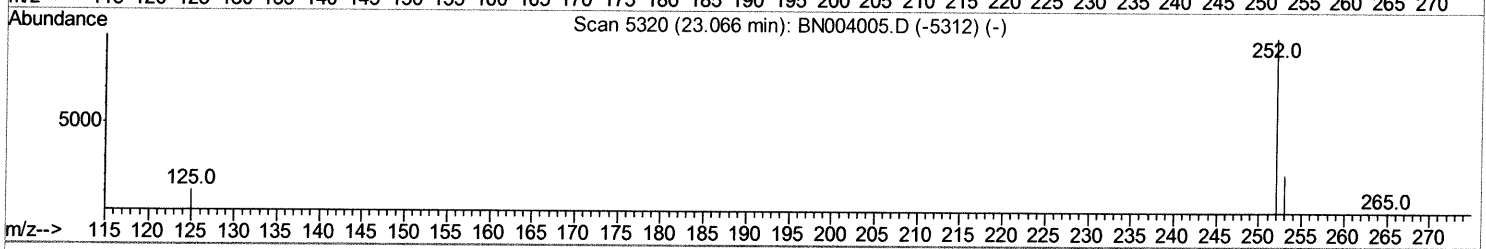
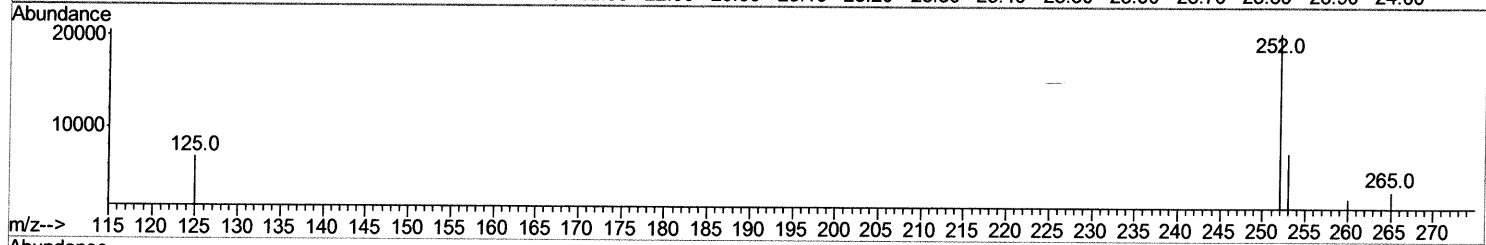
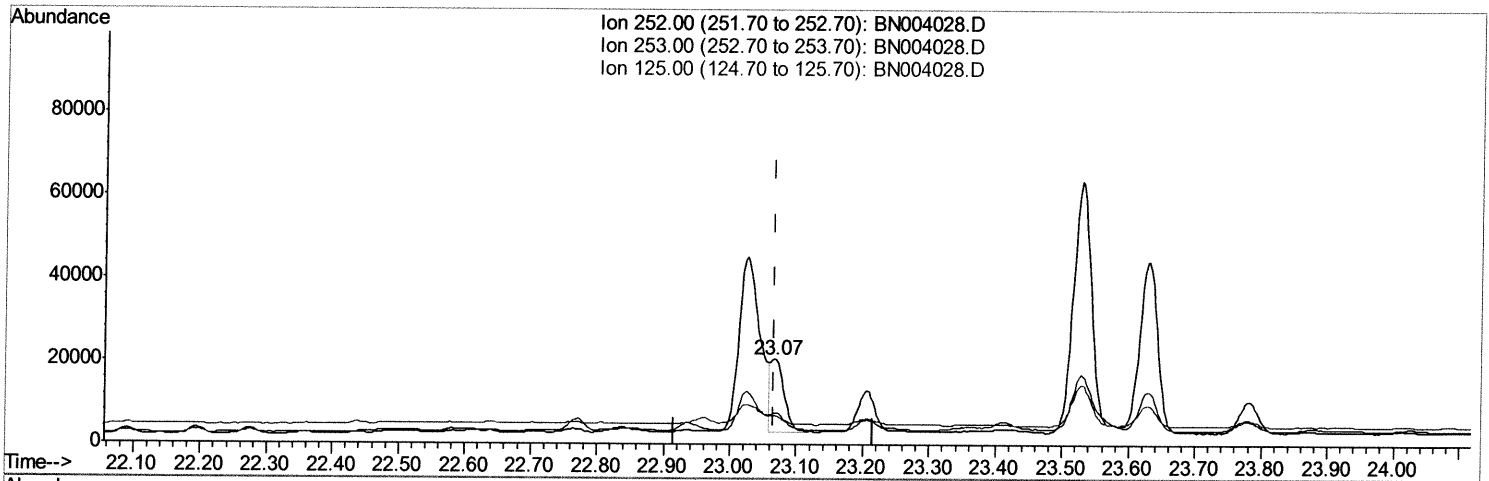
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
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Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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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 Response via : Initial Calibration



TIC: BN004028.D

(22) Benzo(k)fluoranthene

23.068min (+0.003) 0.45ng/ul m

response 26322

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	36.71#
125.00	11.30	33.45#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

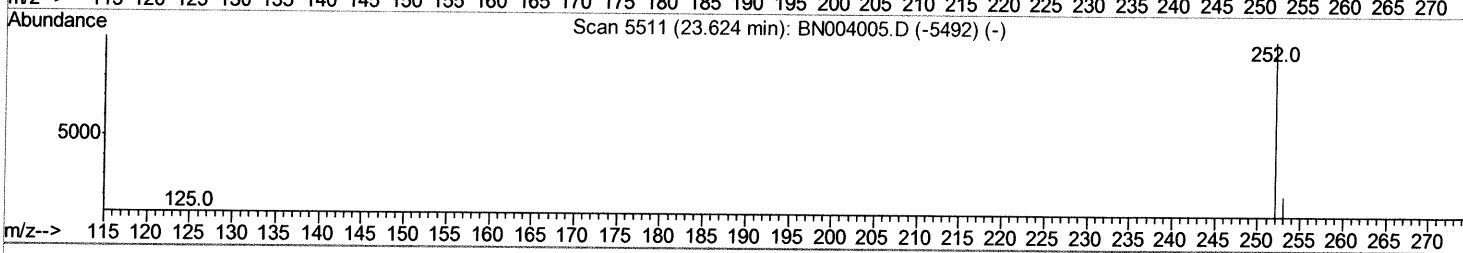
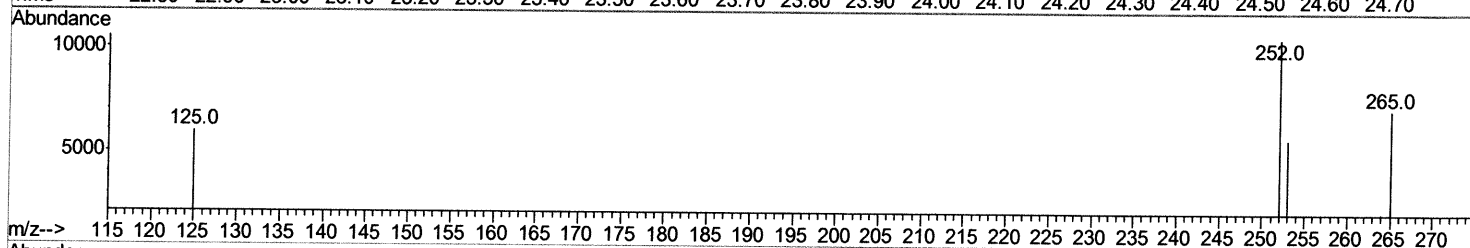
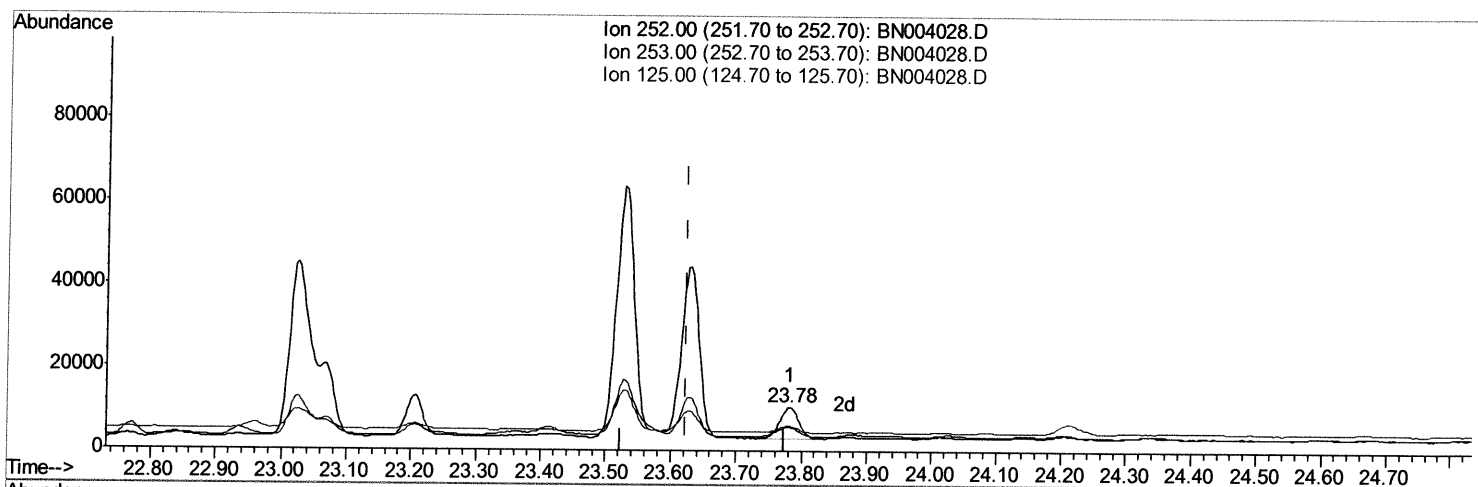
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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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 Response via : Initial Calibration



TIC: BN004028.D

(23) Benzo(a)pyrene (C)

23.782min (+0.158) 0.29ng/ul

response 15133

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	54.08#
125.00	12.80	56.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

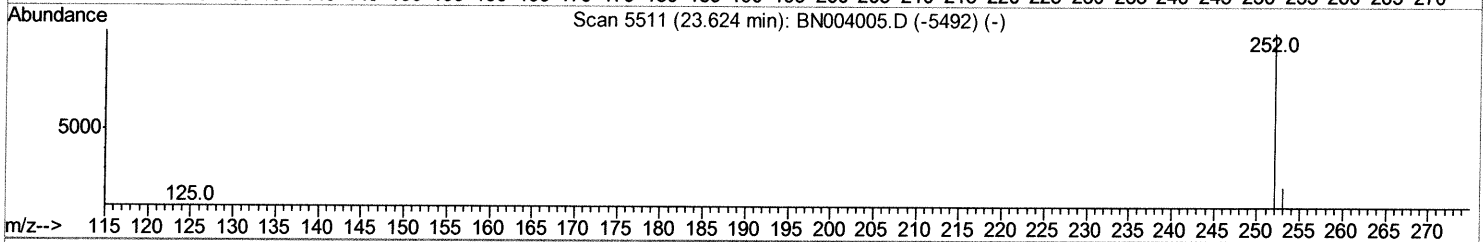
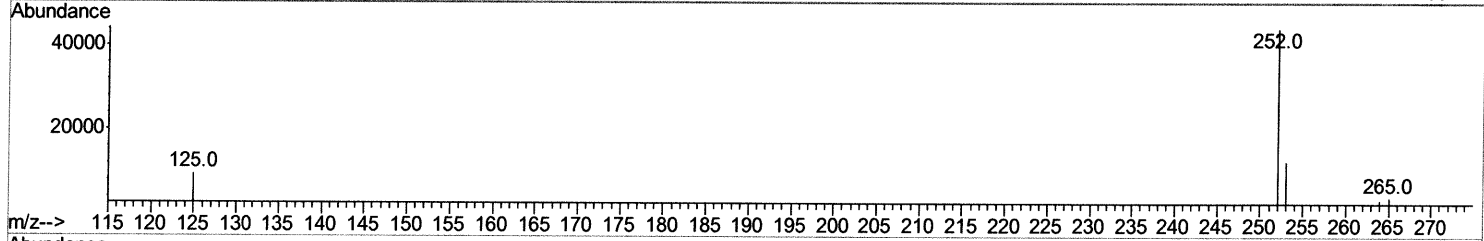
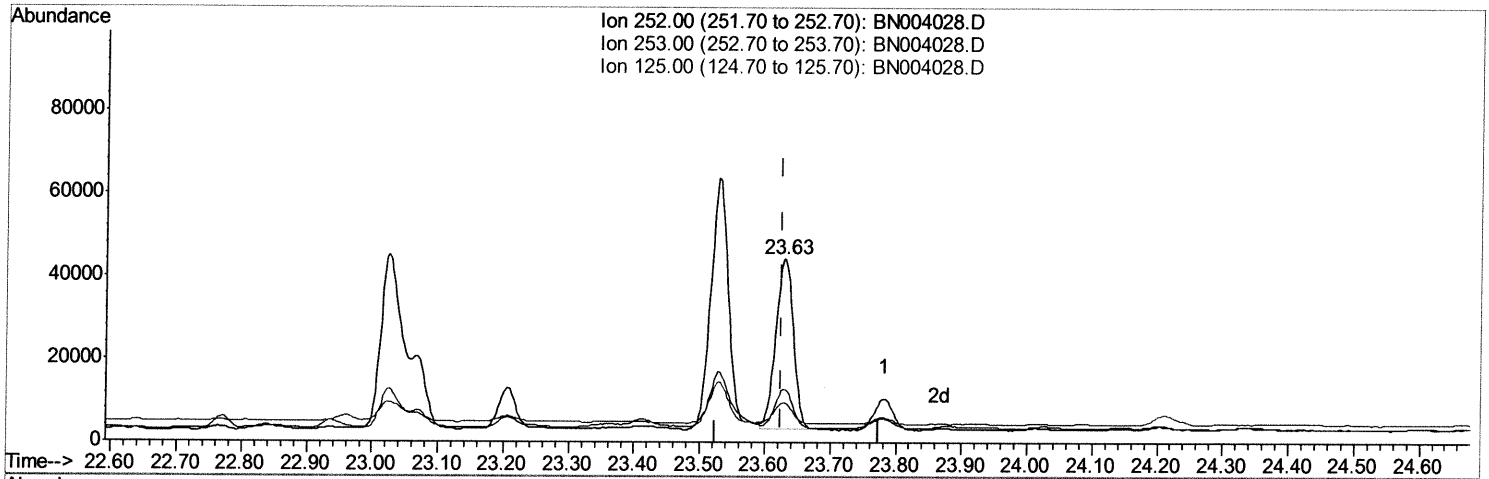
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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)

23.630min (+0.006) 1.50ng/ul m

response 77949

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	28.82#
125.00	12.80	21.68#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

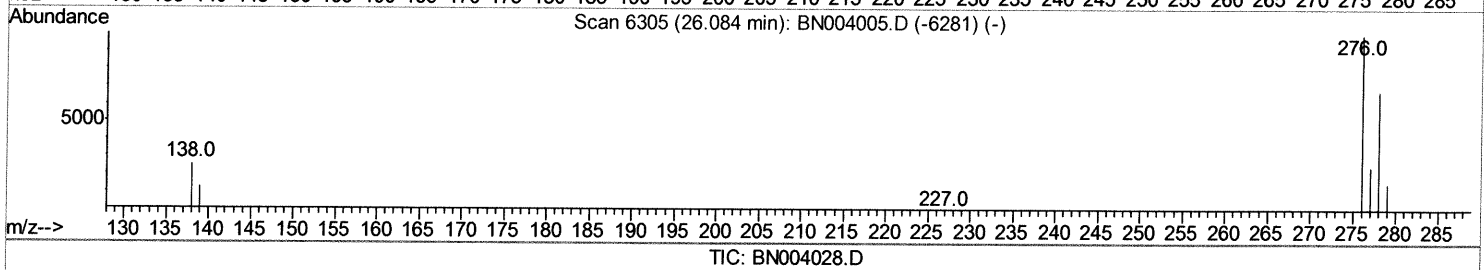
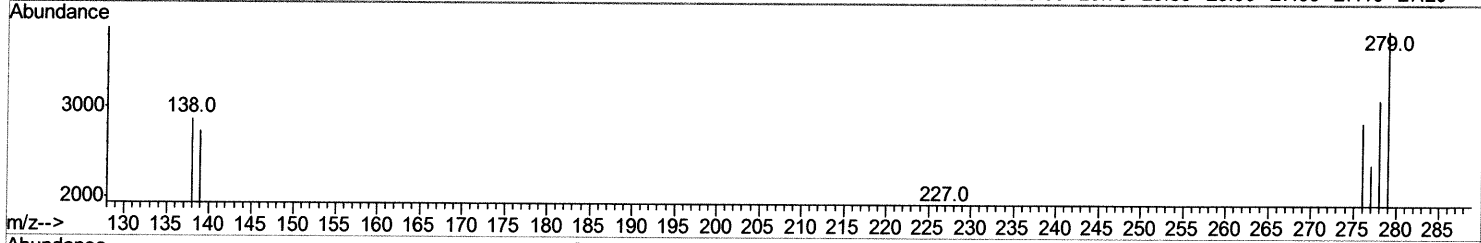
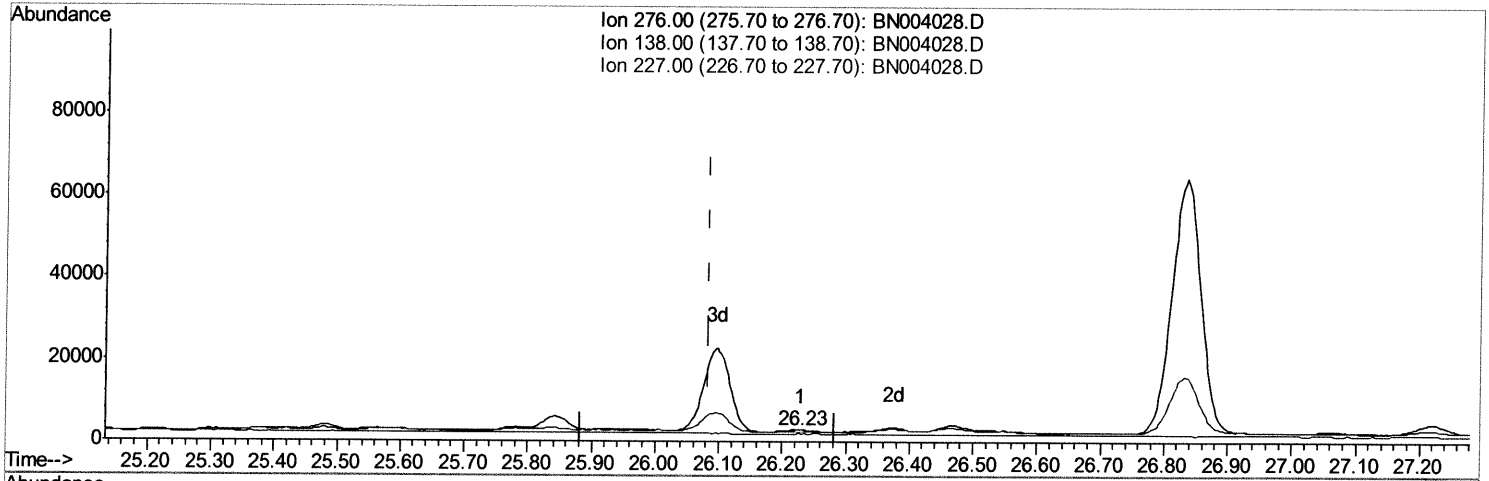
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 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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TIC: BN004028.D

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

26.228min (+0.144) 0.03ng/ul

response 2071

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	66.63#
227.00	0.20	1.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

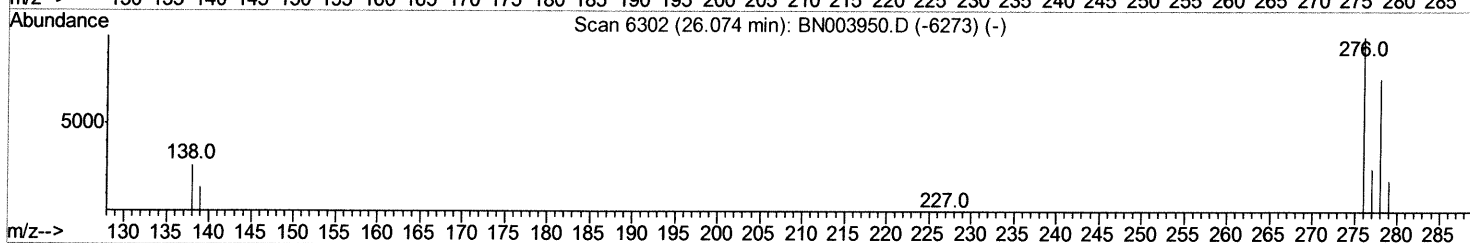
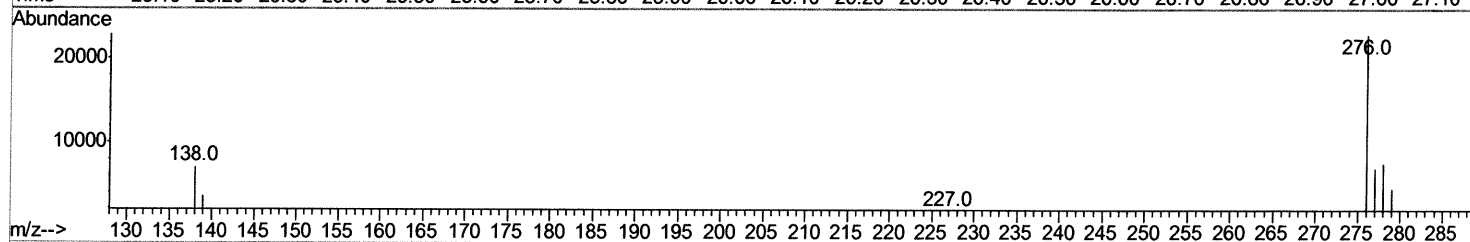
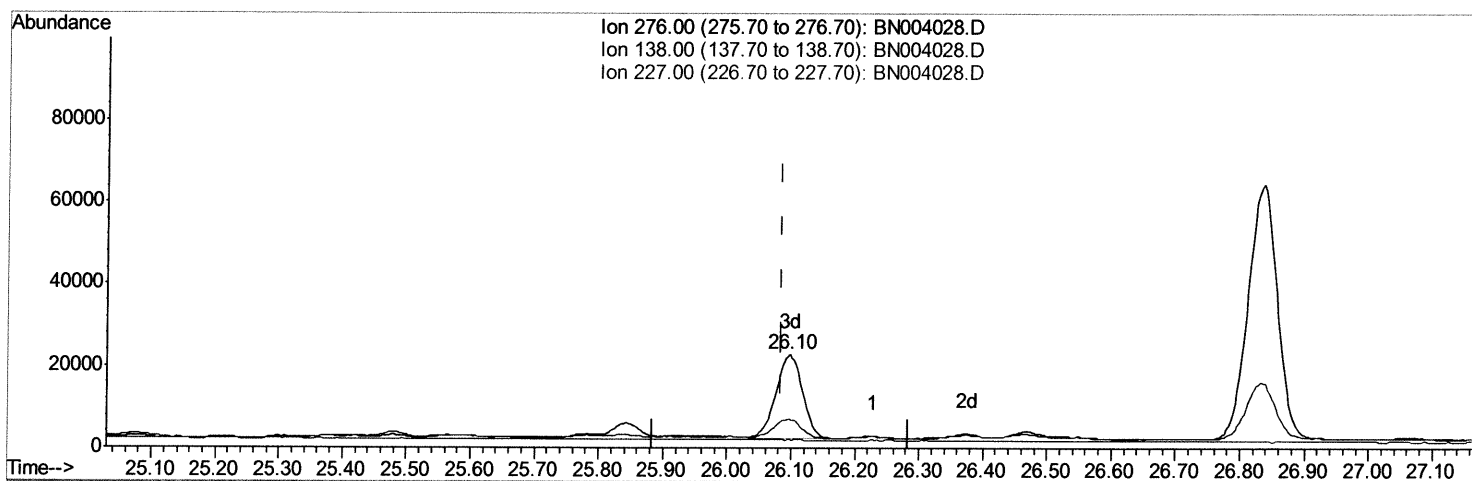
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

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 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: BN004028.D

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

26.097min (+0.013) 0.98ng/ul m

response 58663

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	2.35#
227.00	0.20	0.05#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

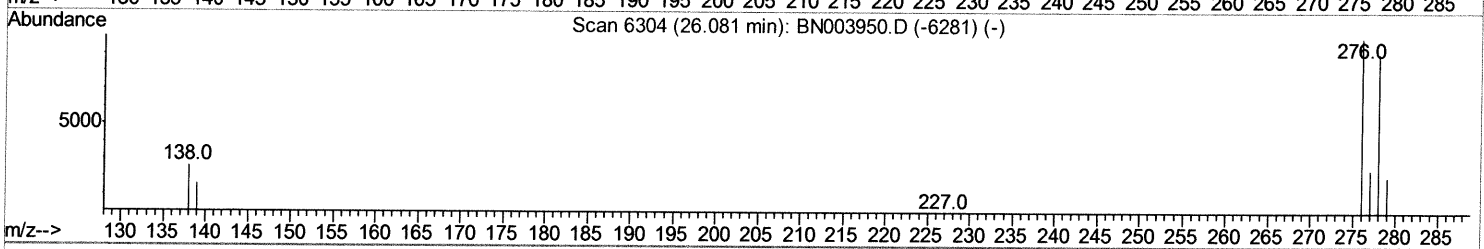
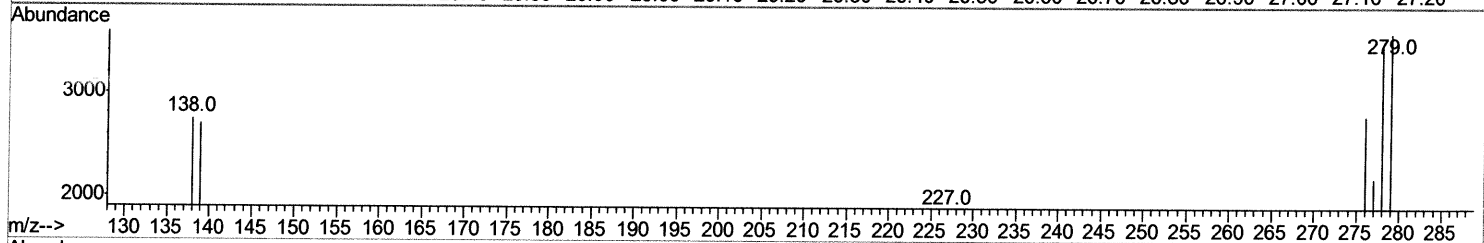
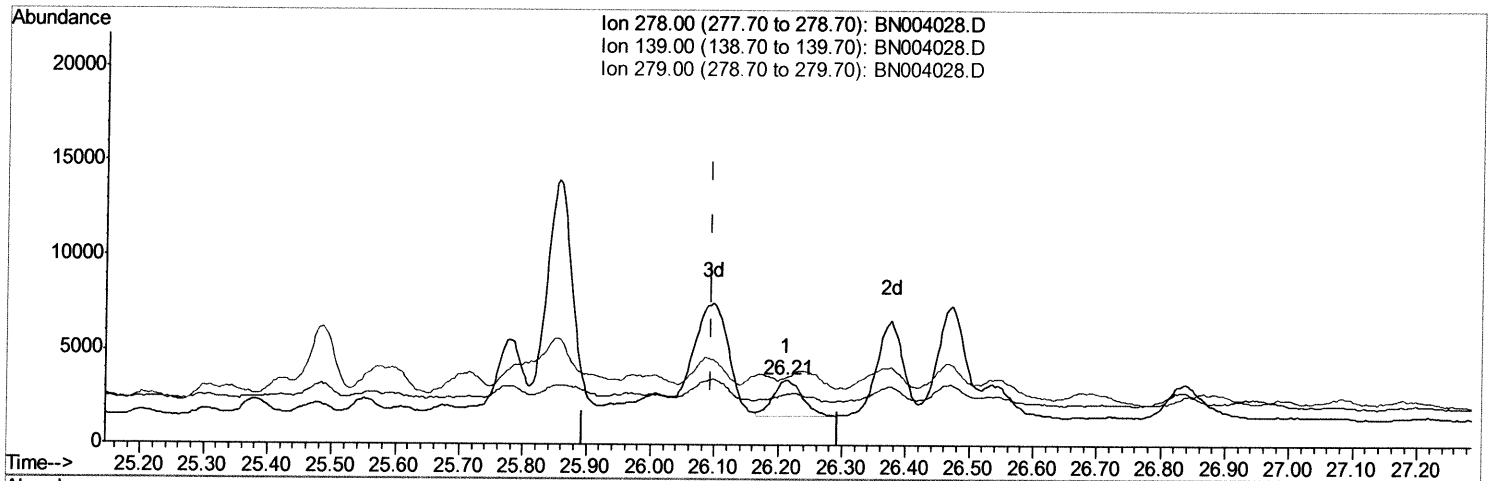
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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 12/17/2018 4:29:00 PM

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 Response via : Initial Calibration



TIC: BN004028.D

(25) Dibenzo(a,h)anthracene

26.211min (+0.117) 0.12ng/ul

response 6008

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	77.90#
279.00	24.70	103.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

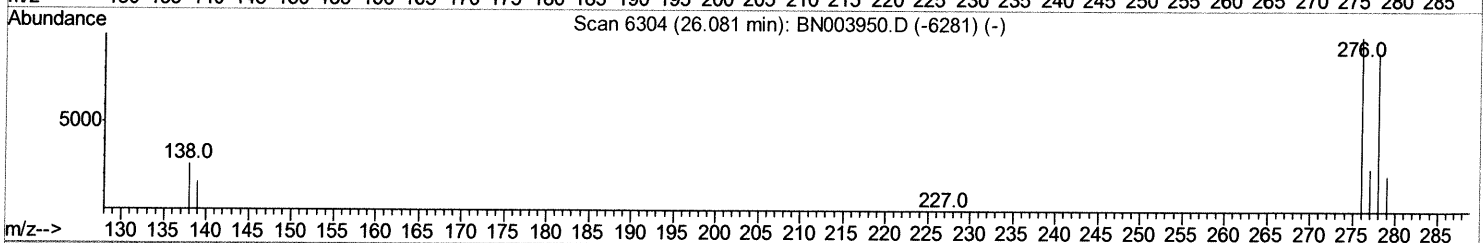
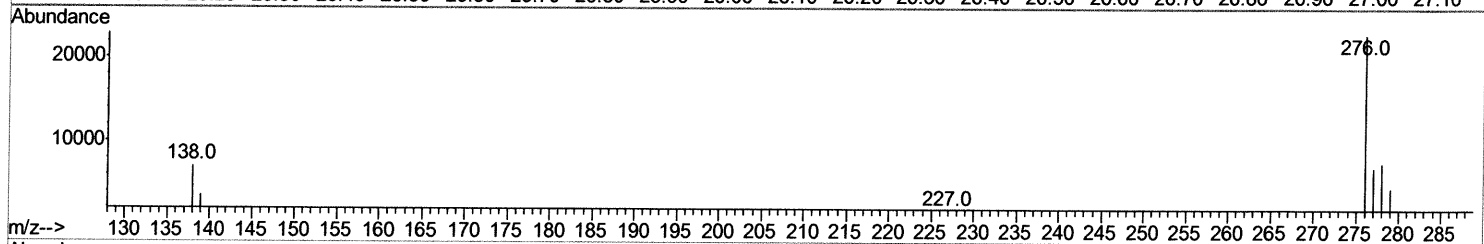
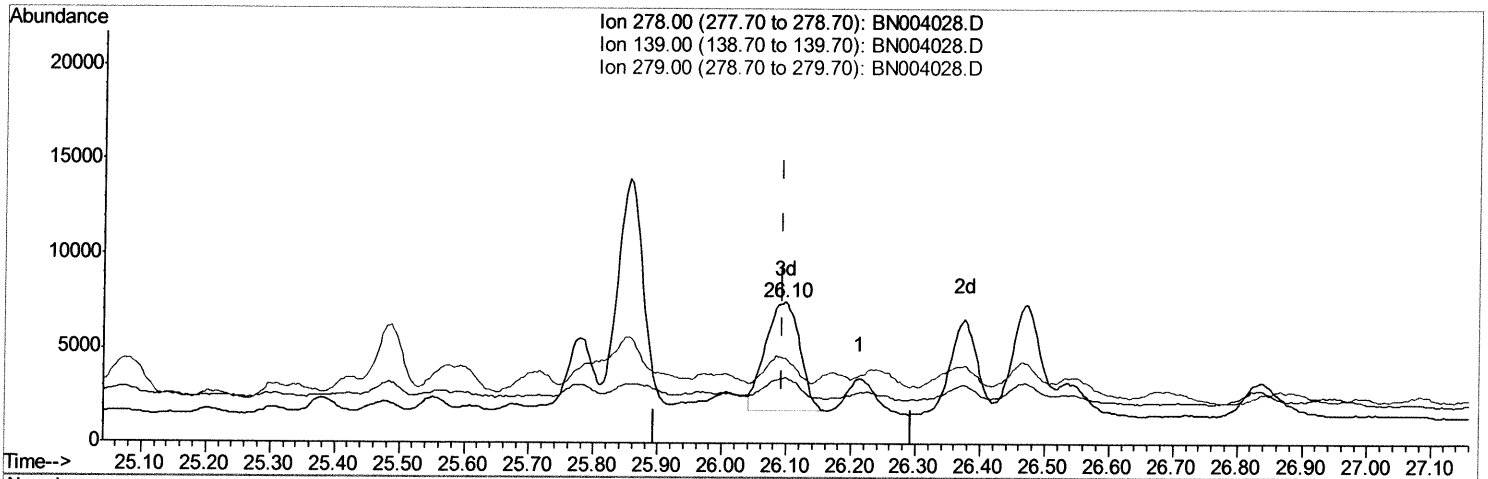
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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: BN004028.D

(25) Dibenzo(a,h)anthracene

26.097min (+0.003) 0.45ng/ul m

response 21497

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	46.36#
279.00	24.70	60.19#
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

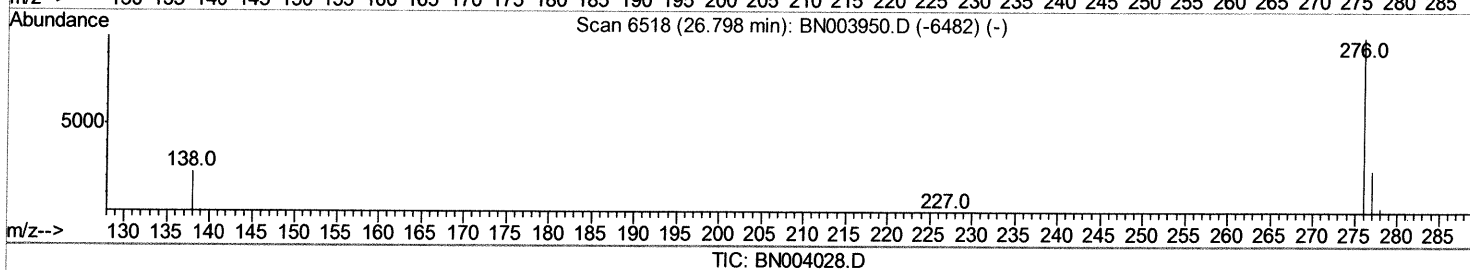
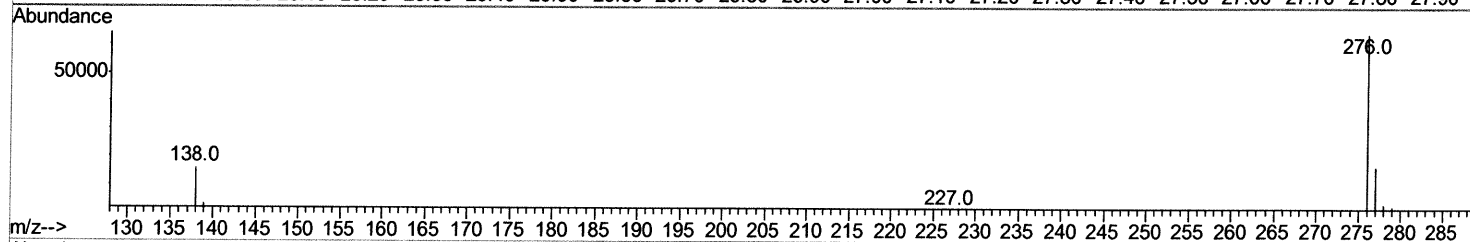
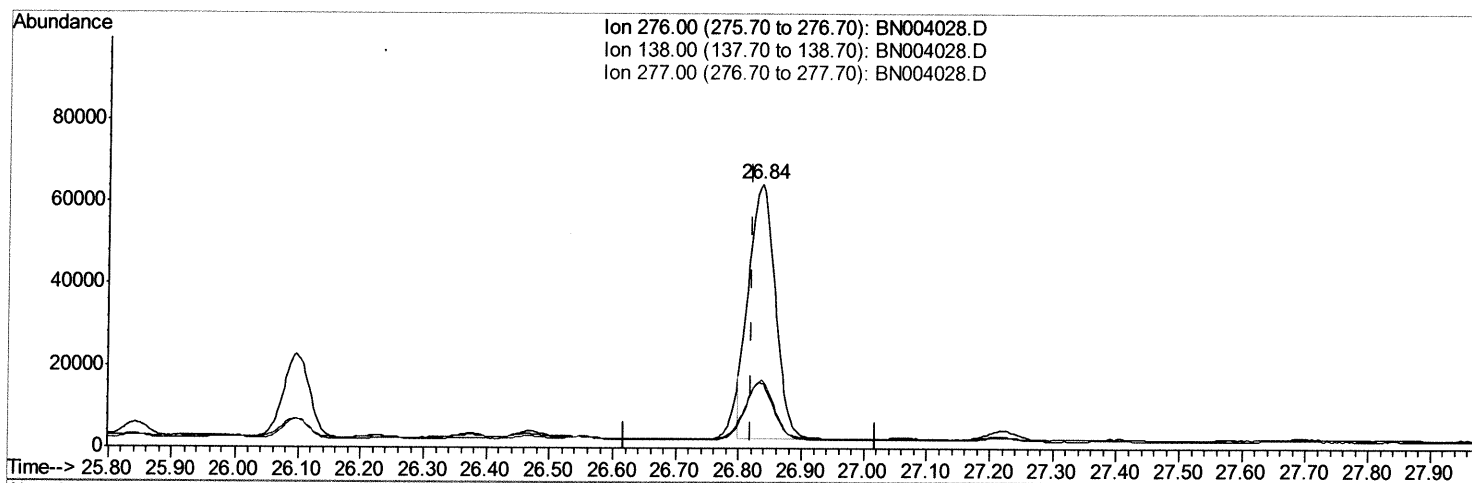
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004028.D
Acq On : 17 Dec 2018 10:42
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Manual Integrations
APPROVED

Sohil
12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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
26.835min (+0.017) 3.58ng/ul
response 186073

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	24.77
277.00	24.10	25.74
0.00	0.00	0.00

Quantitation Report (Qedit)

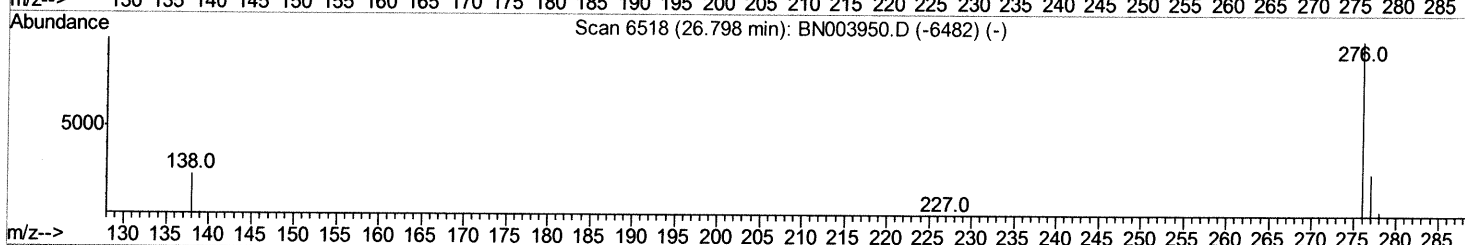
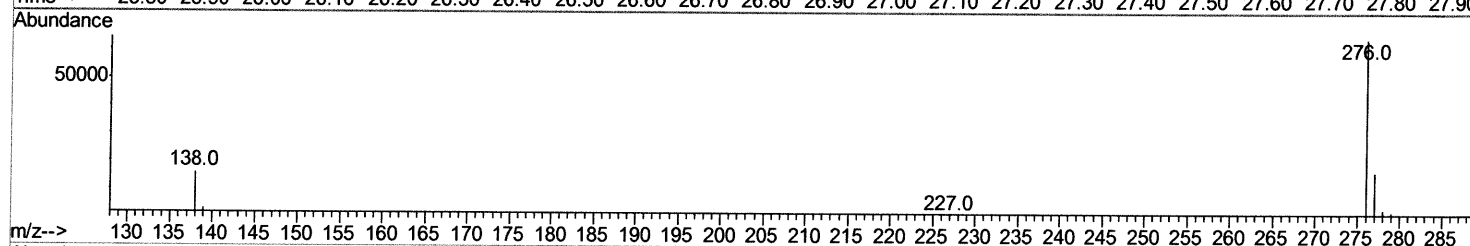
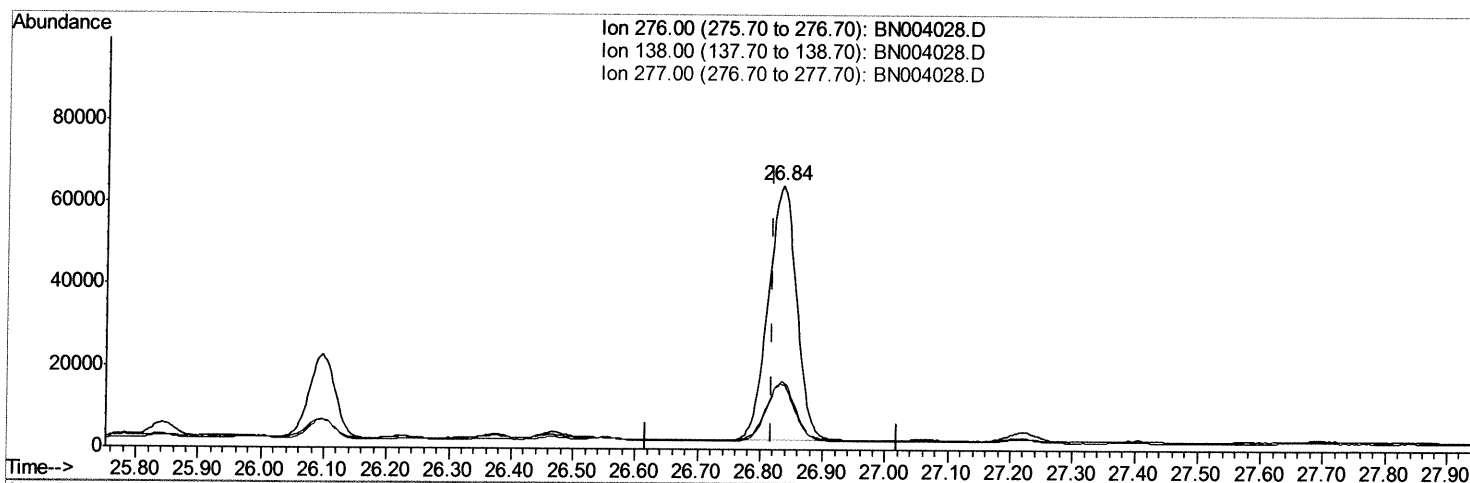
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:21:34 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: BN004028.D

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

26.835min (+0.017) 3.78ng/ul m

response 196292

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	24.77
277.00	24.10	25.74
0.00	0.00	0.00

> SJ
 12/17/18

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004028.D
 Acq On : 17 Dec 2018 10:42
 Operator : JU/SJ
 Sample : J6229-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:29:00 PM

Quant Time: Dec 17 14:25:05 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.	QI on	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8993	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5683	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14657m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16303m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	14543m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QI on	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.22	152	3076	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9698m	0.23	ng/ul	0.00

Target Compounds	R.T.	QI on	Response	Conc	Units	Ovalue
3) Naphthalene	10.68	128	15265	0.604	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	24544	1.391	ng/ul	100
7) Acenaphthylene	14.19	152	13149	0.514	ng/ul	96
8) Acenaphthene	14.53	153	2239	0.100	ng/ul	96
9) Fluorene	15.52	166	2455	0.094	ng/ul#	89
12) Phenanthrene	17.26	178	143189m	2.977	ng/ul	
13) Anthracene	17.35	178	27947m	0.707	ng/ul	
15) Fluoranthene	19.28	202	118232m	2.081	ng/ul	
17) Pyrene	19.64	202	193788	3.314	ng/ul	96
18) Benzo(a)anthracene	21.39	228	92477m	1.796	ng/ul	
19) Chrysene	21.44	228	135894m	2.306	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	92600m	1.539	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	26322m	0.449	ng/ul	
23) Benzo(a)pyrene	23.63	252	77949m	1.496	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.10	276	58663m	0.982	ng/ul	
25) Dibenzo(a,h)anthracene	26.10	278	21497m	0.447	ng/ul	
26) Benzo(a,h,i)perylene	26.84	276	196292m	3.781	ng/ul	

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

SJ
 12/17/18