

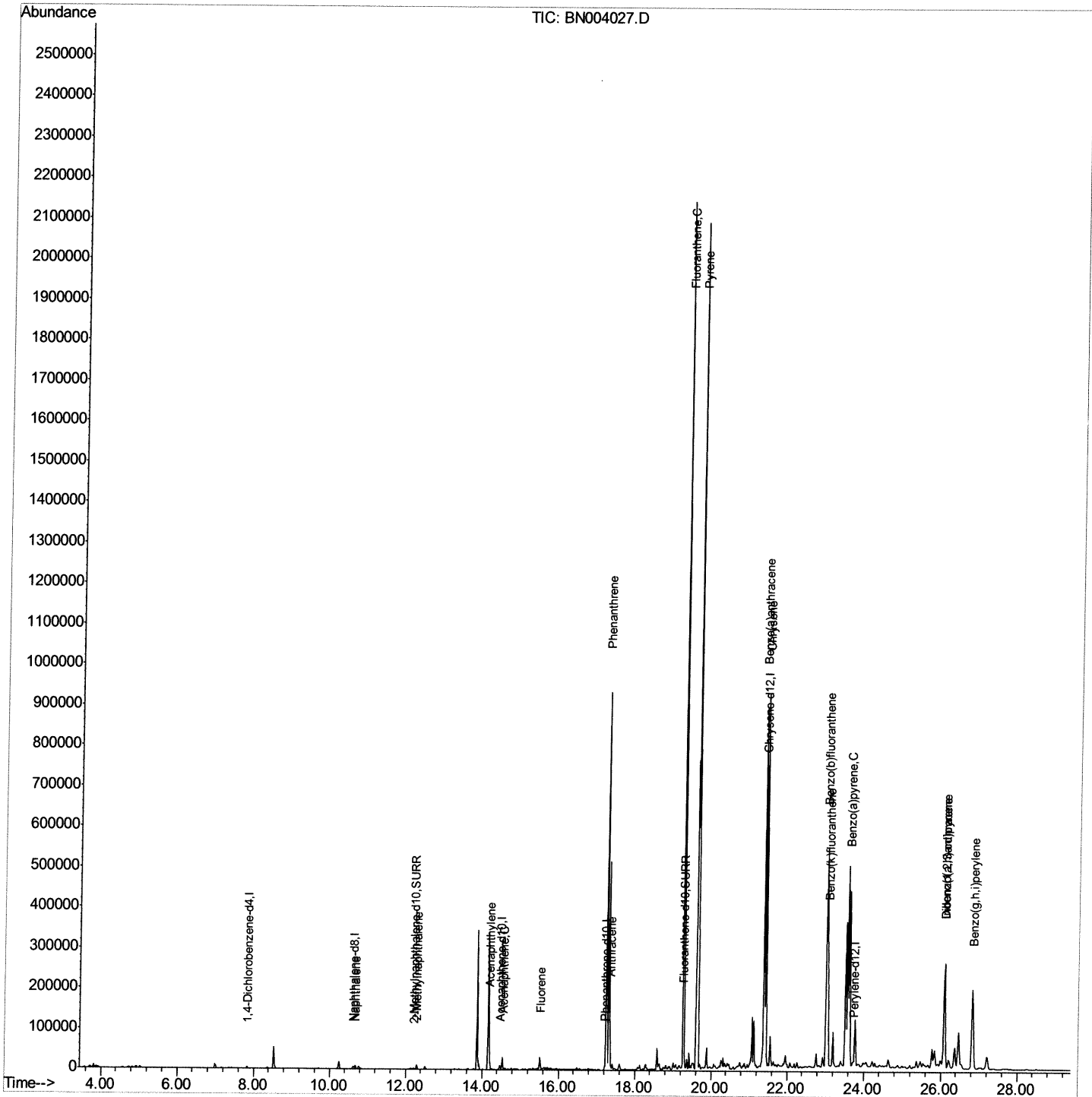
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:08:47 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)

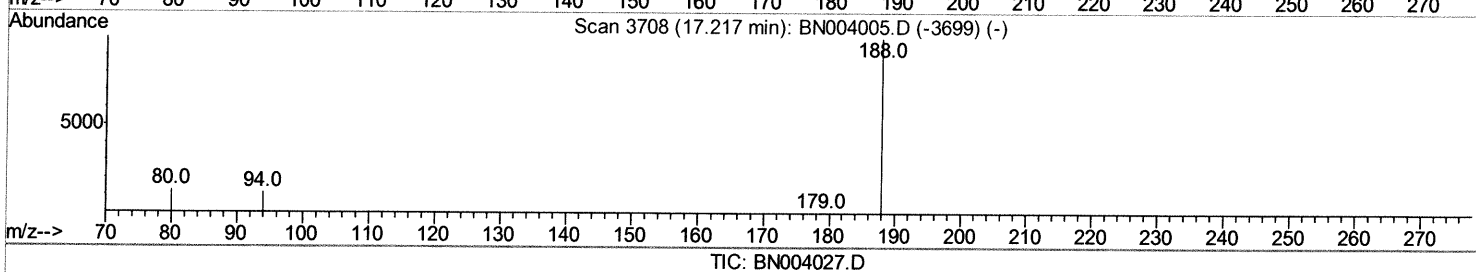
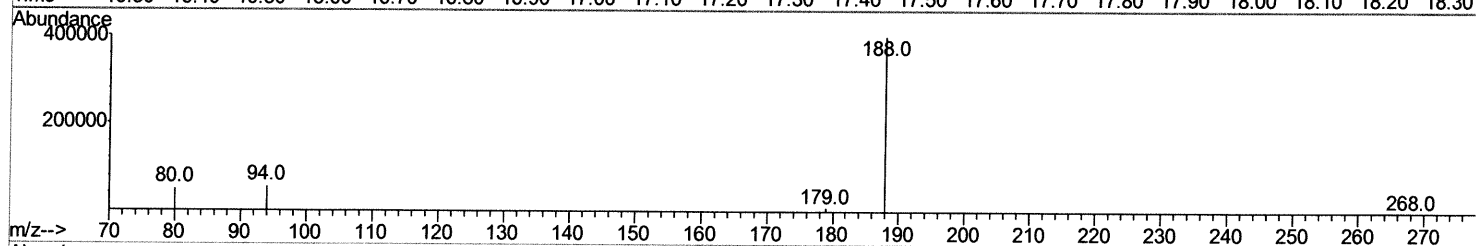
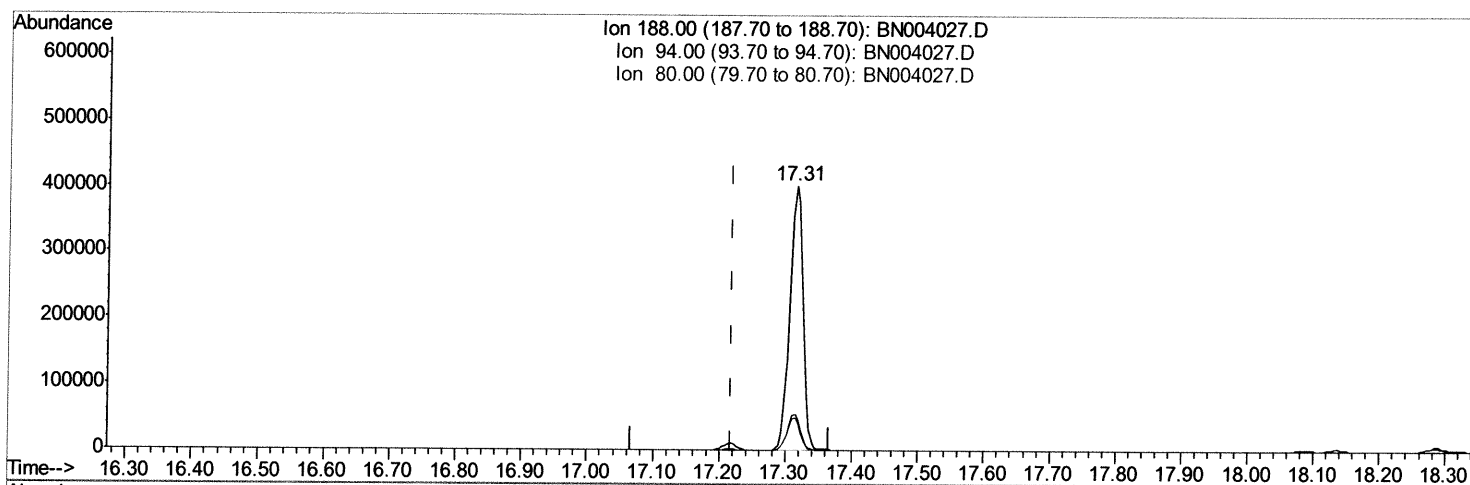
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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 554482

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.74#
80.00	11.60	12.47
0.00	0.00	0.00

Quantitation Report (Qedit)

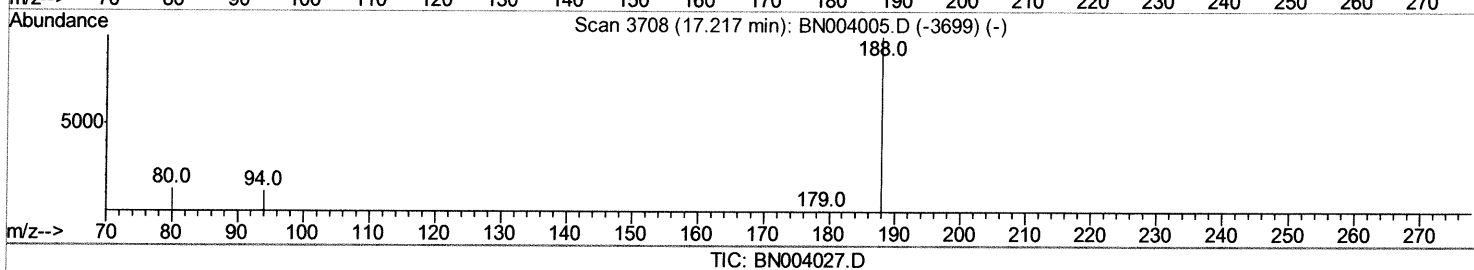
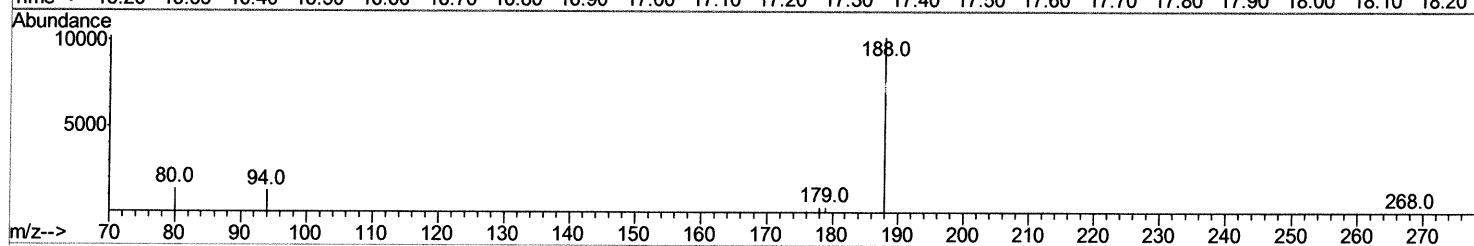
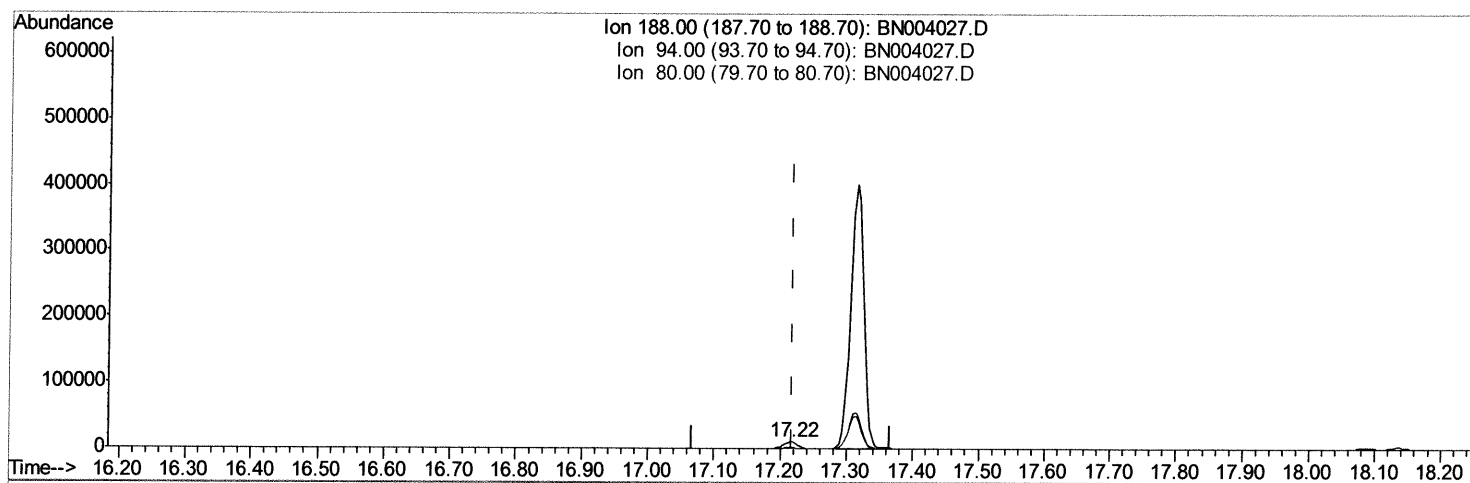
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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 14618

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.56#
80.00	11.60	13.47
0.00	0.00	0.00

> SJ
12/17/18

Quantitation Report (Qedit)

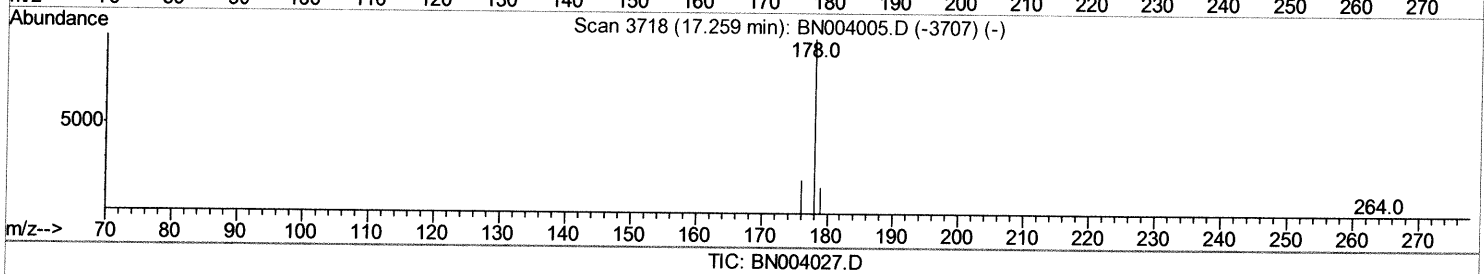
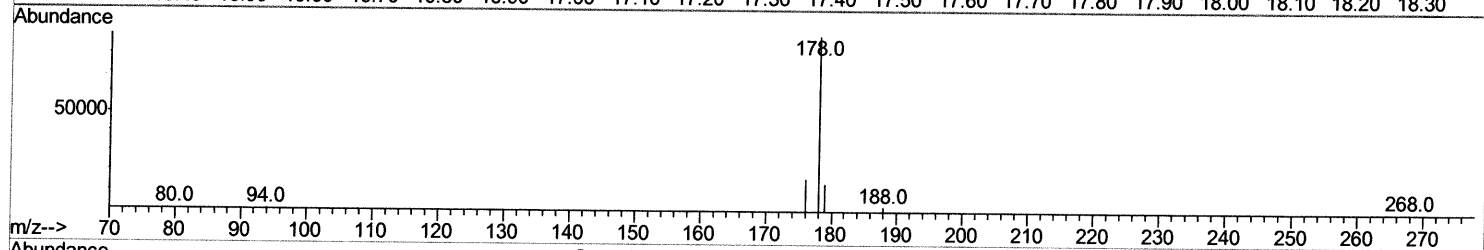
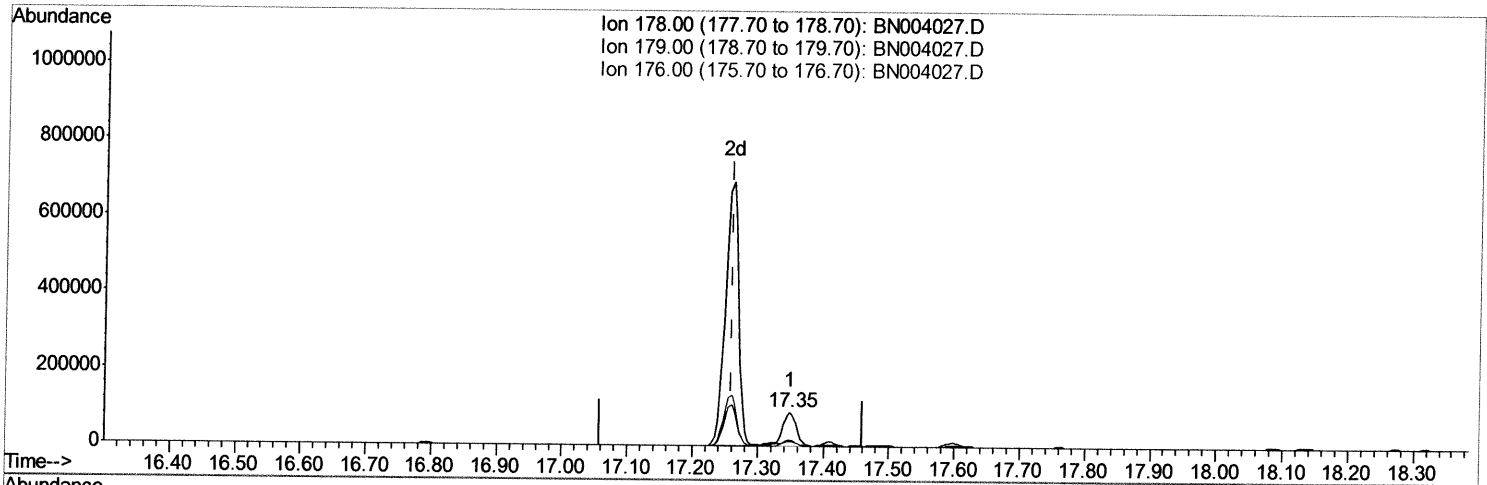
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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: BN004027.D

(12) Phenanthrene

17.348min (+0.089) 2.60ng/ul

response 124512

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.69
176.00	18.70	18.42
0.00	0.00	0.00

Quantitation Report (Qedit)

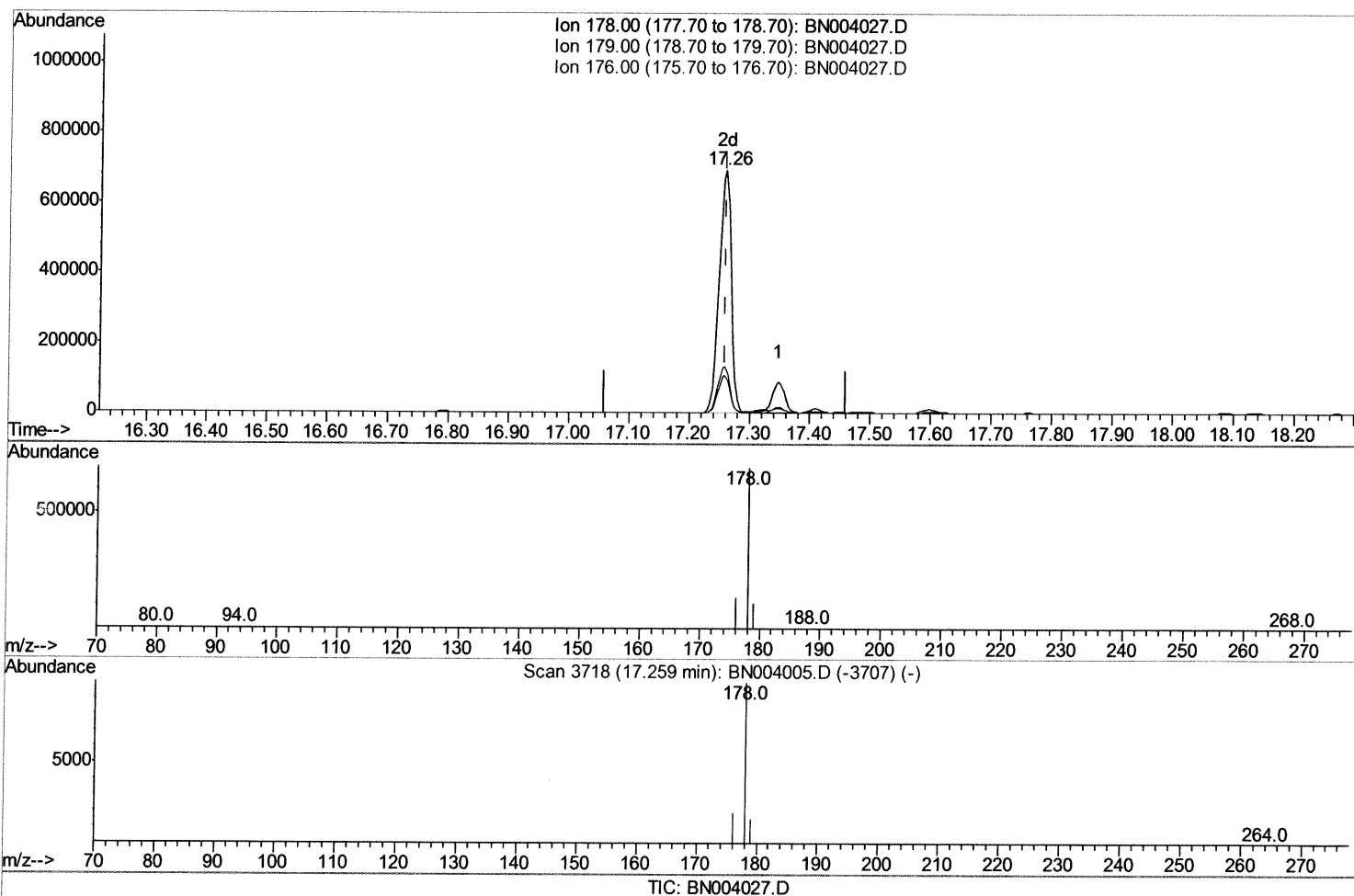
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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) 20.21ng/ul m

response 969518

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.58
176.00	18.70	18.91
0.00	0.00	0.00

> JJ
12/17/18

Quantitation Report (Qedit)

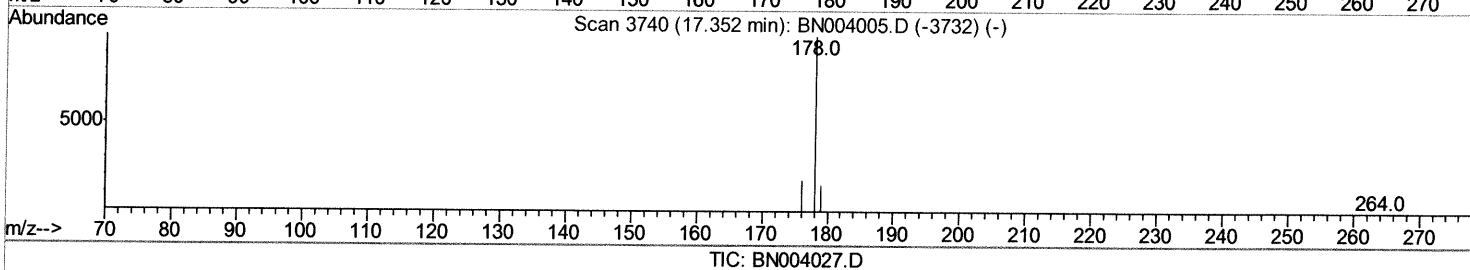
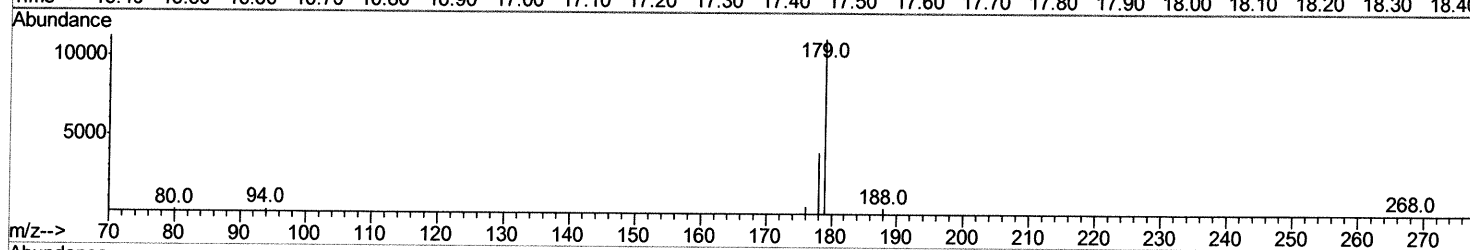
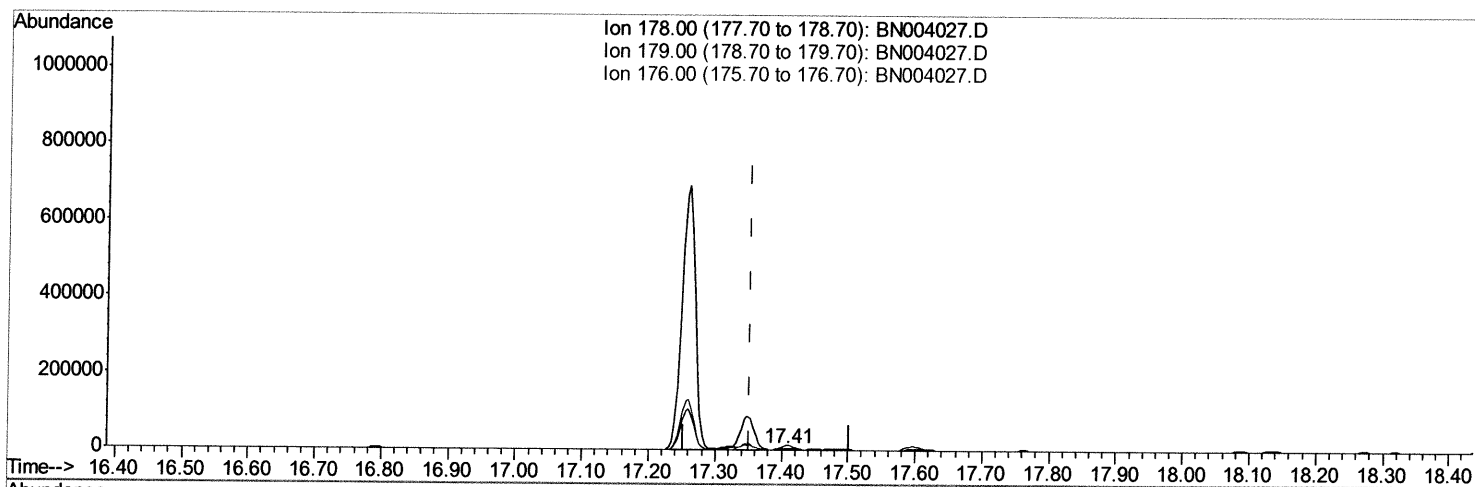
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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) 0.11ng/ul

response 4357

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	283.39#
176.00	18.50	13.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

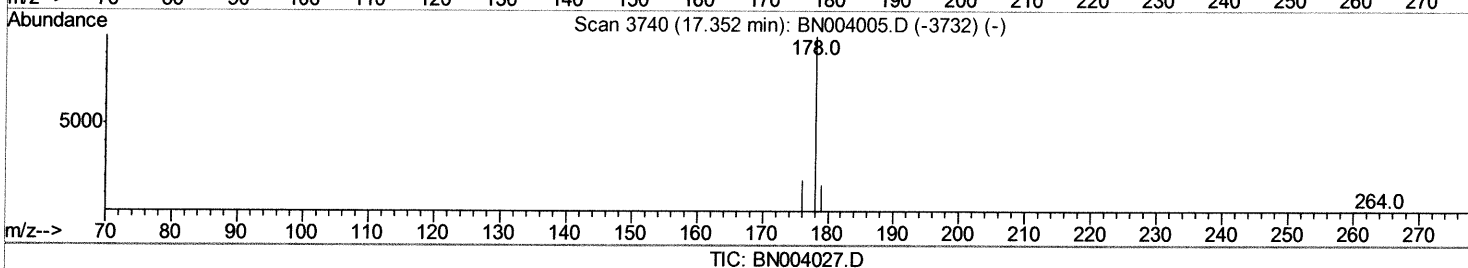
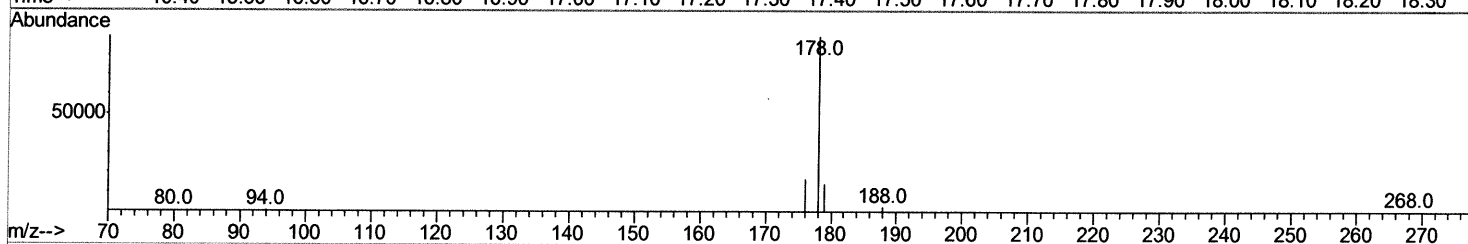
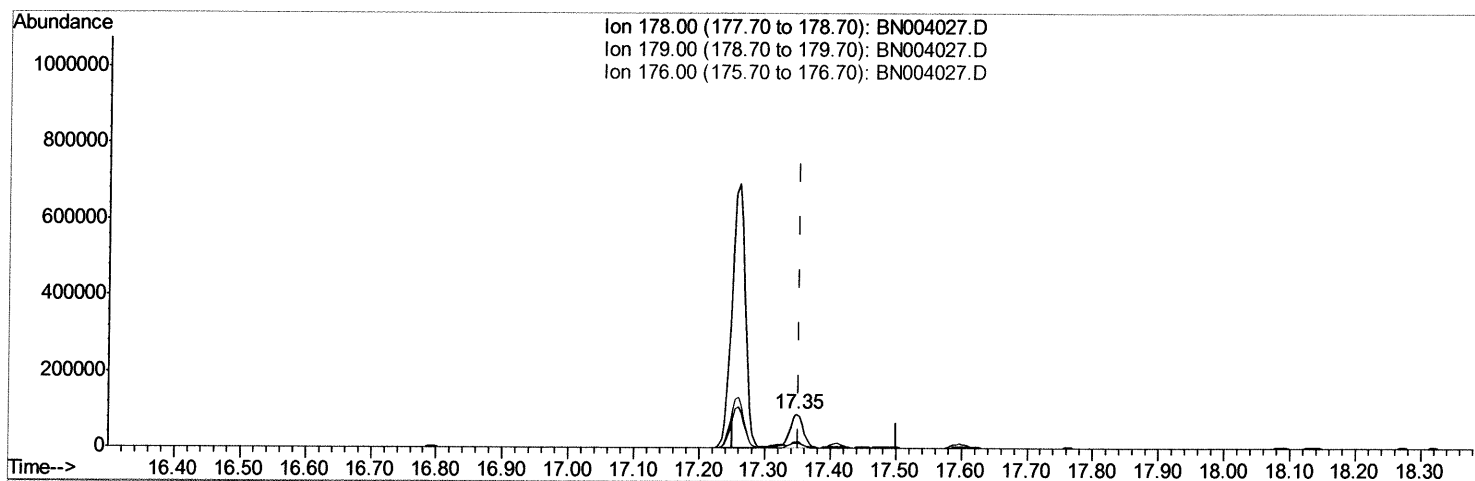
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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) 3.13ng/ul m

response 123389

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.69
176.00	18.50	18.42
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

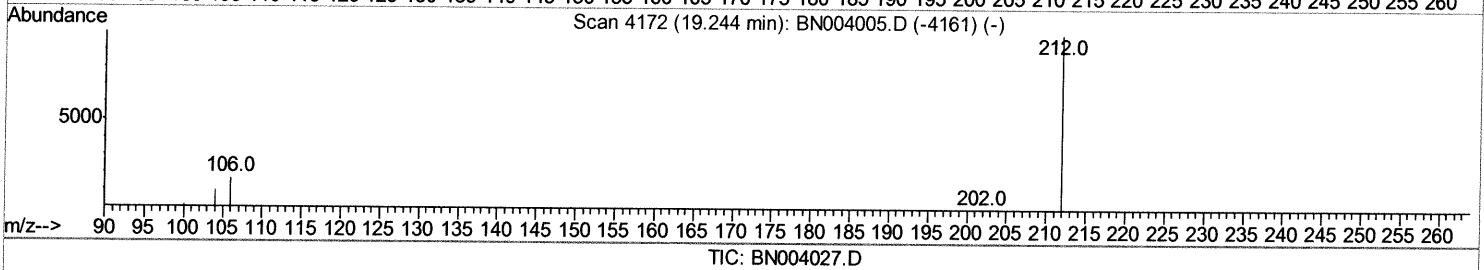
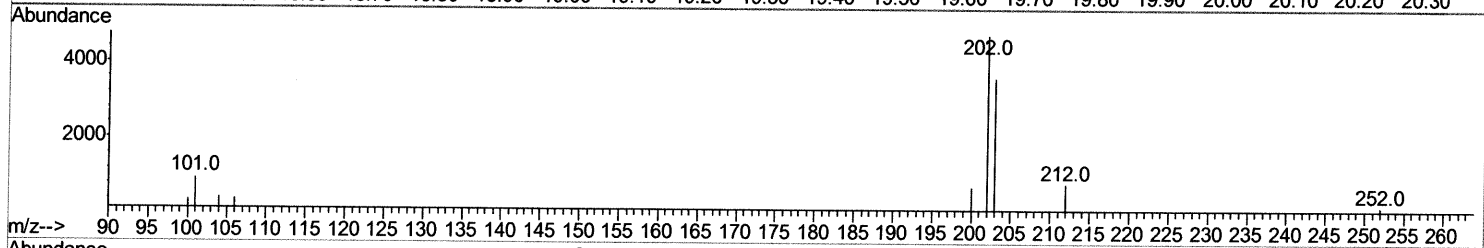
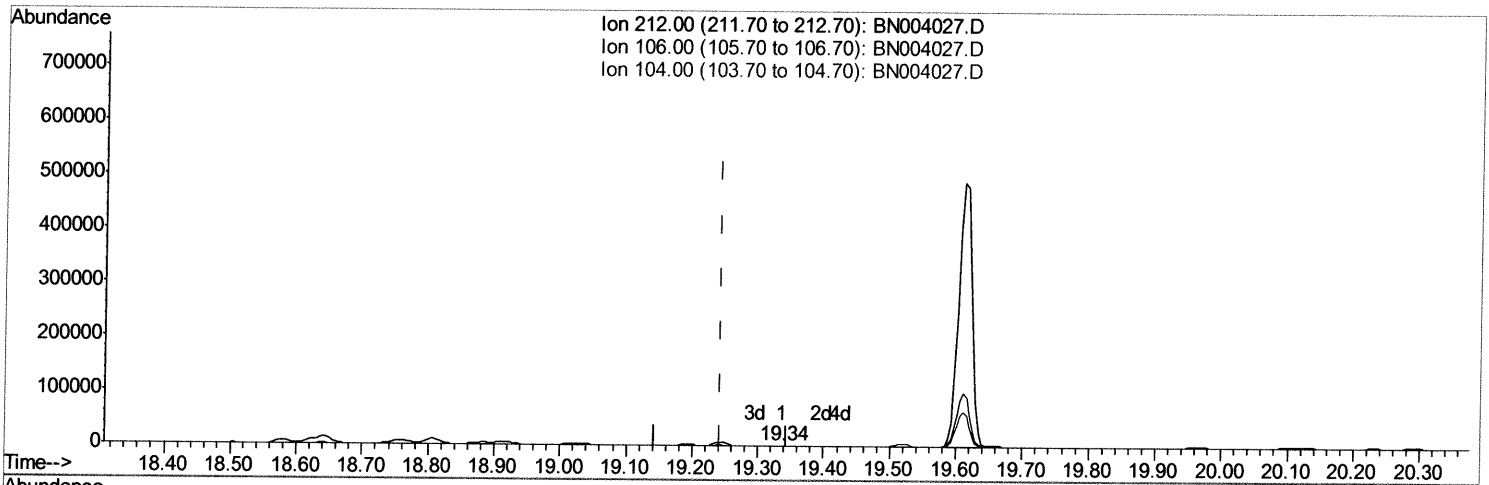
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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)

19.337min (+0.093) 0.02ng/ul

response 1035

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	13.72
104.00	8.00	29.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

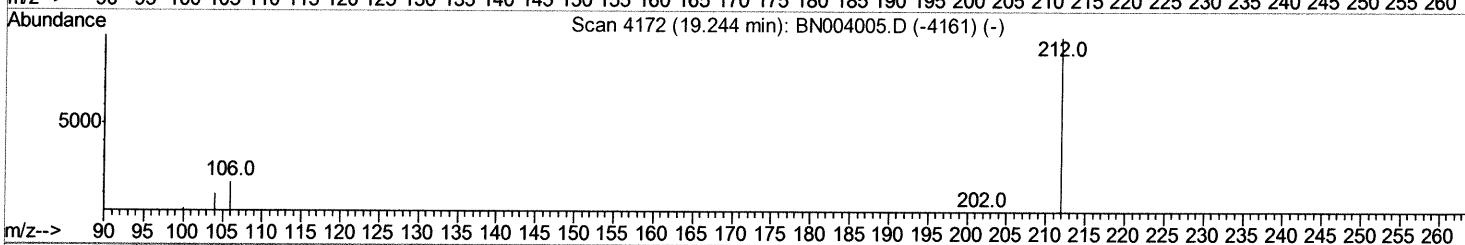
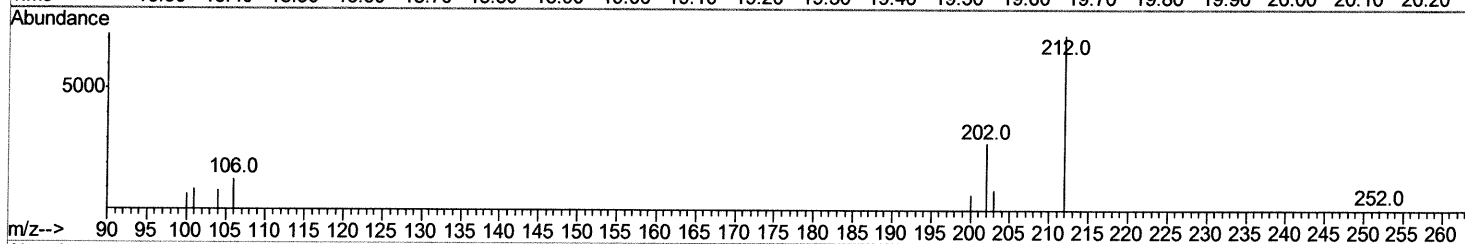
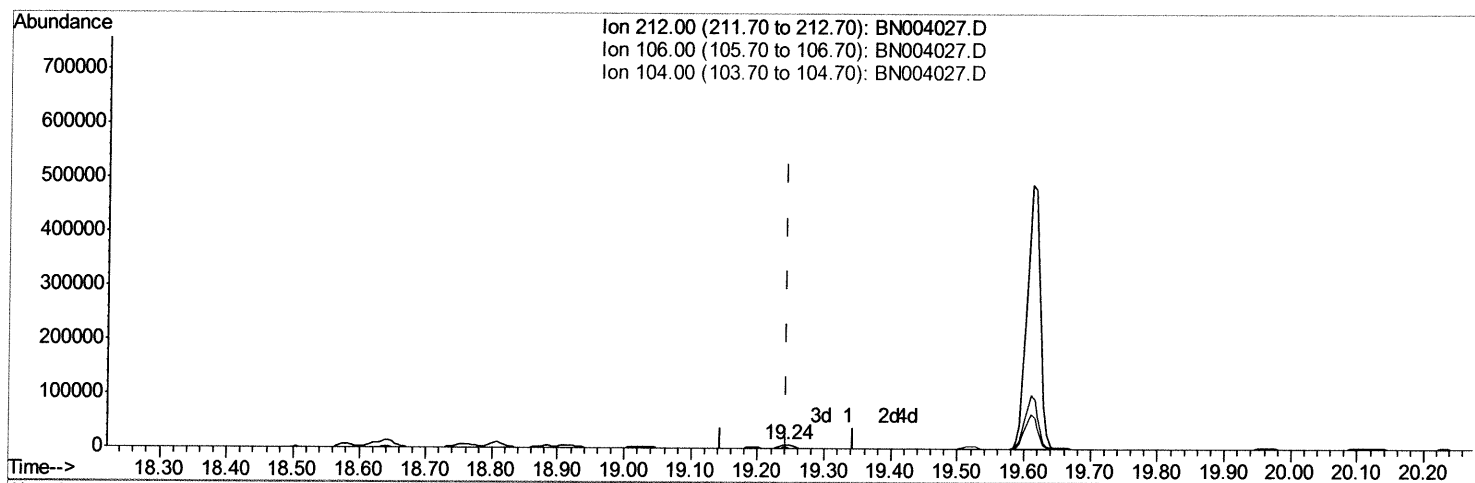
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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: BN004027.D

(14) Fluoranthene-d10 (SURR)

19.244min (0.000) 0.20ng/ul m

response 8629

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	1.65#
104.00	8.00	3.55#
0.00	0.00	0.00

> 55
 12/17/18

Quantitation Report (Qedit)

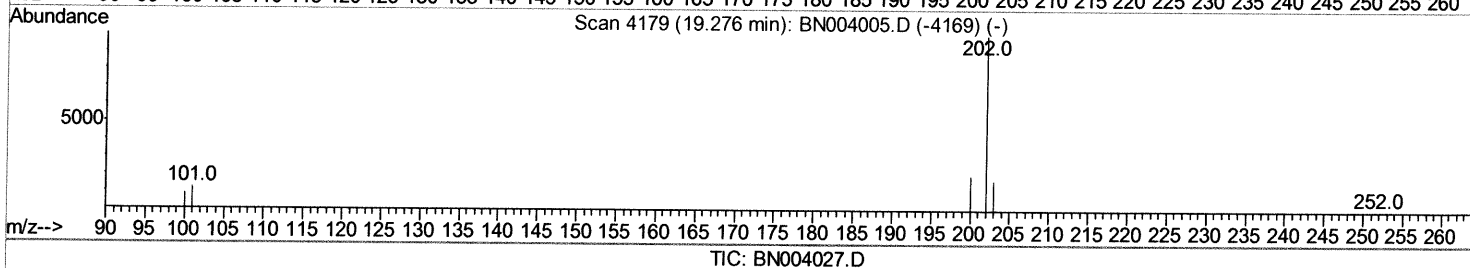
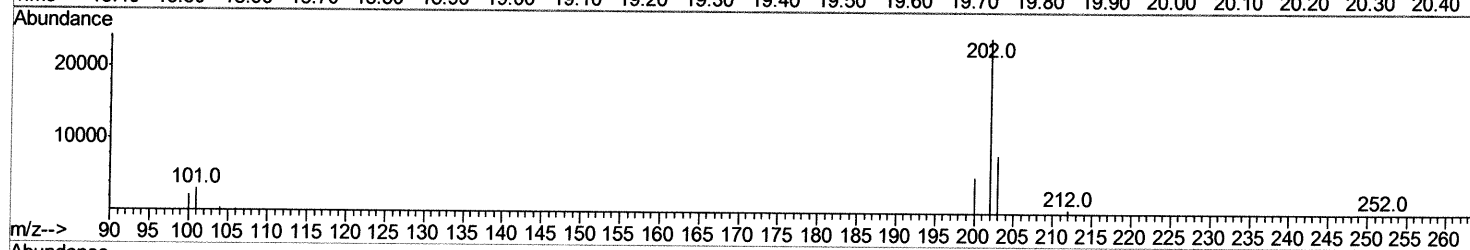
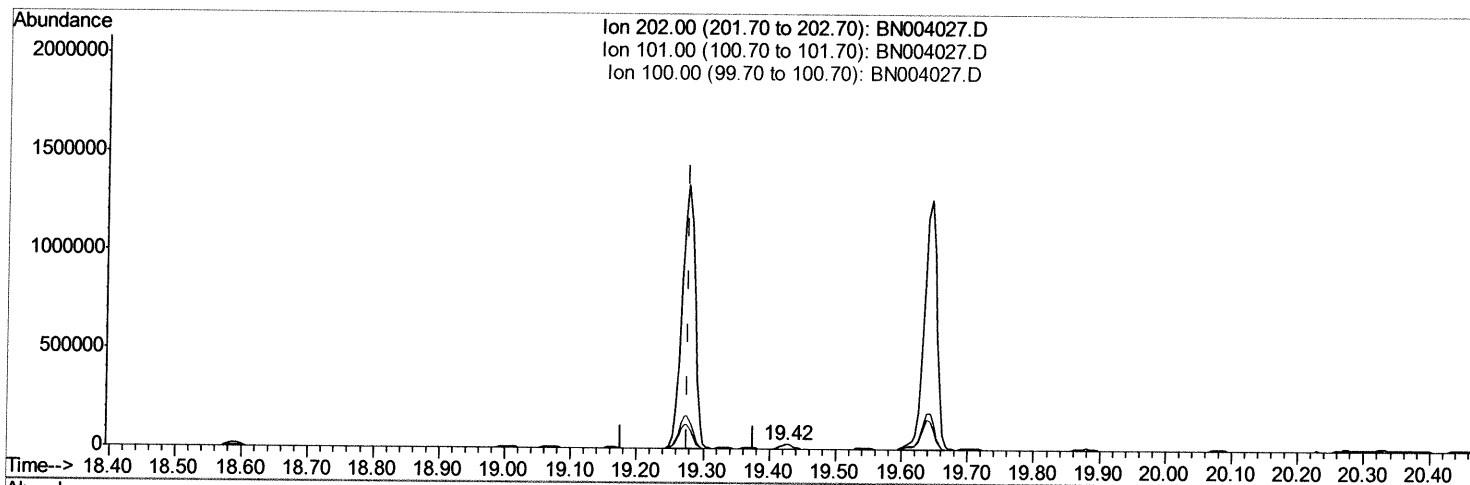
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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: BN004027.D

(15) Fluoranthene (C)

19.425min (+0.149) 0.55ng/ul

response 31066

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.64
100.00	8.10	9.32
0.00	0.00	0.00

Quantitation Report (Qedit)

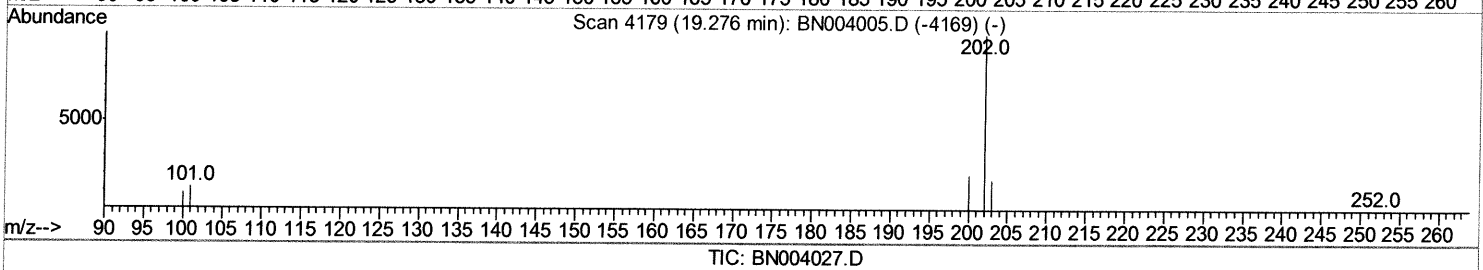
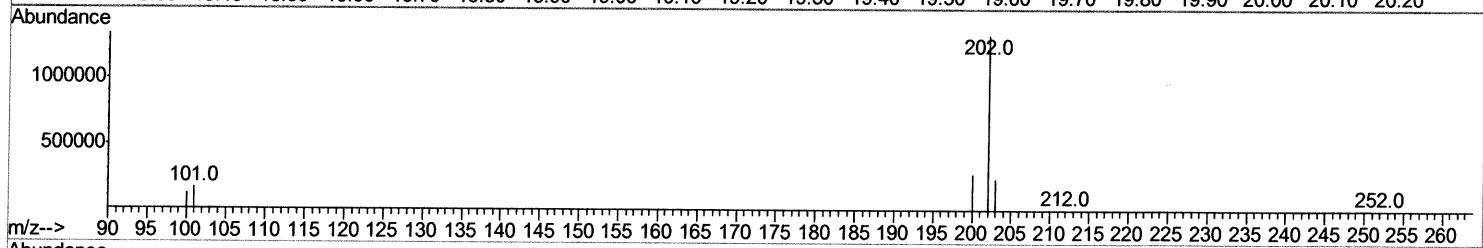
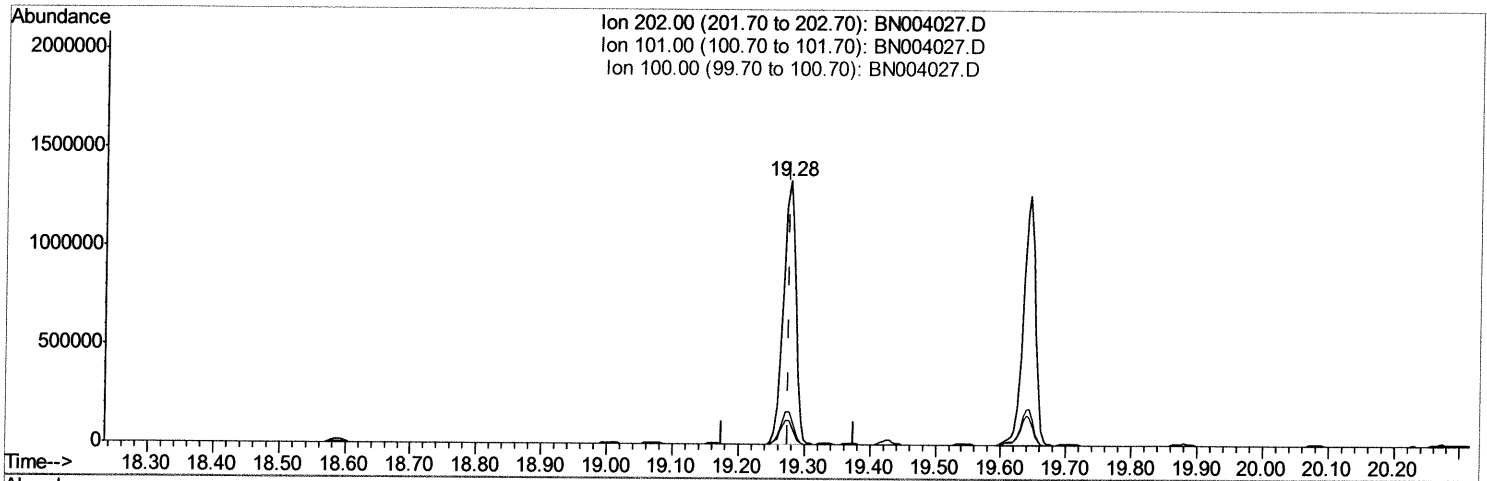
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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: BN004027.D

(15) Fluoranthene (C)

19.276min (0.000) 31.91ng/ul m

response 1807762

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.18
100.00	8.10	9.03
0.00	0.00	0.00

Handwritten signature: SJ
 Date: 12/17/18

Quantitation Report (Qedit)

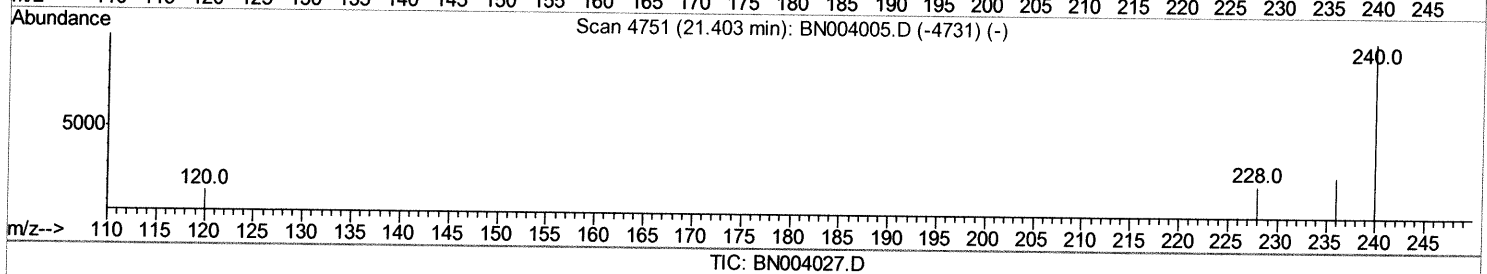
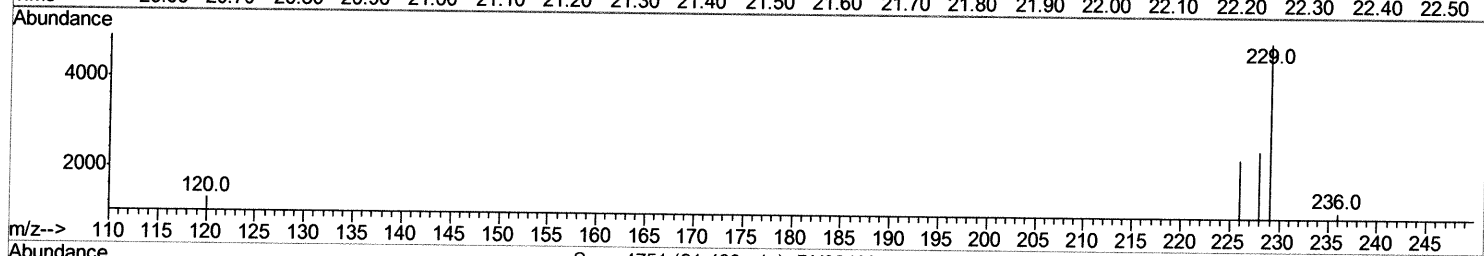
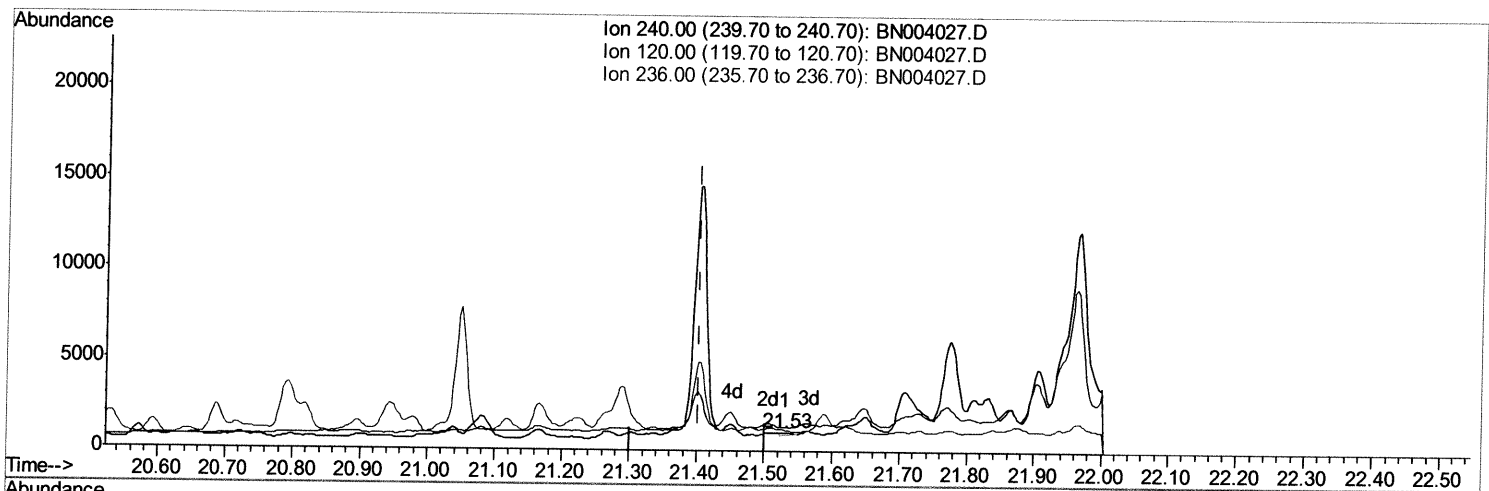
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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)

21.531min (+0.129) 0.40ng/ul

response 120

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	128.44#
236.00	27.60	114.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

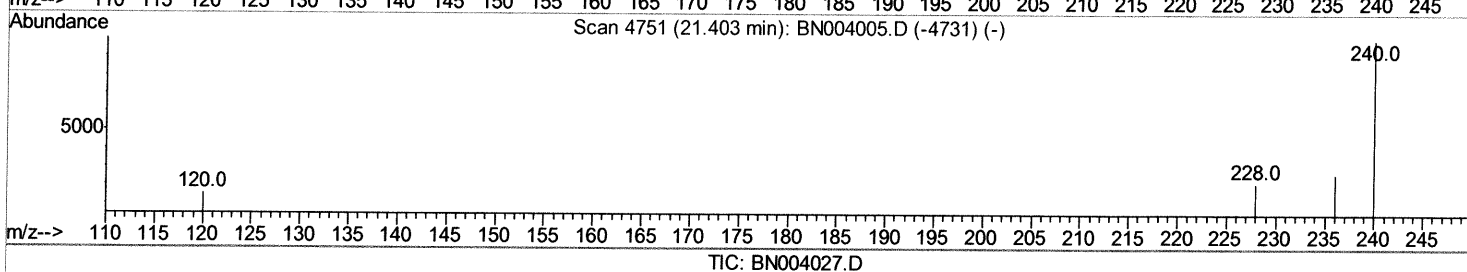
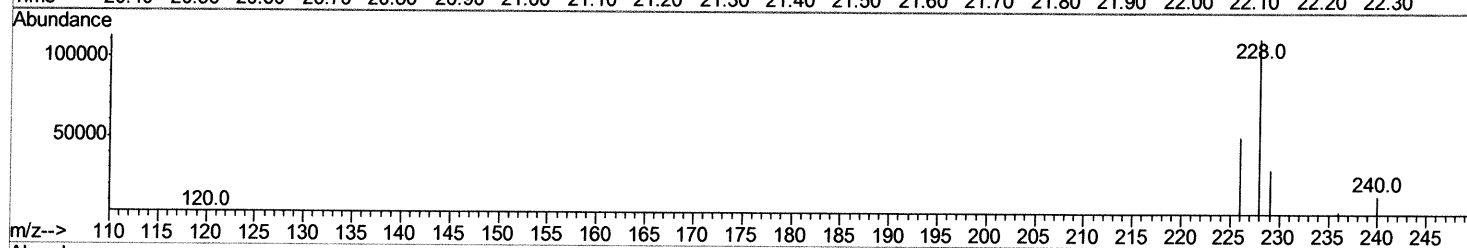
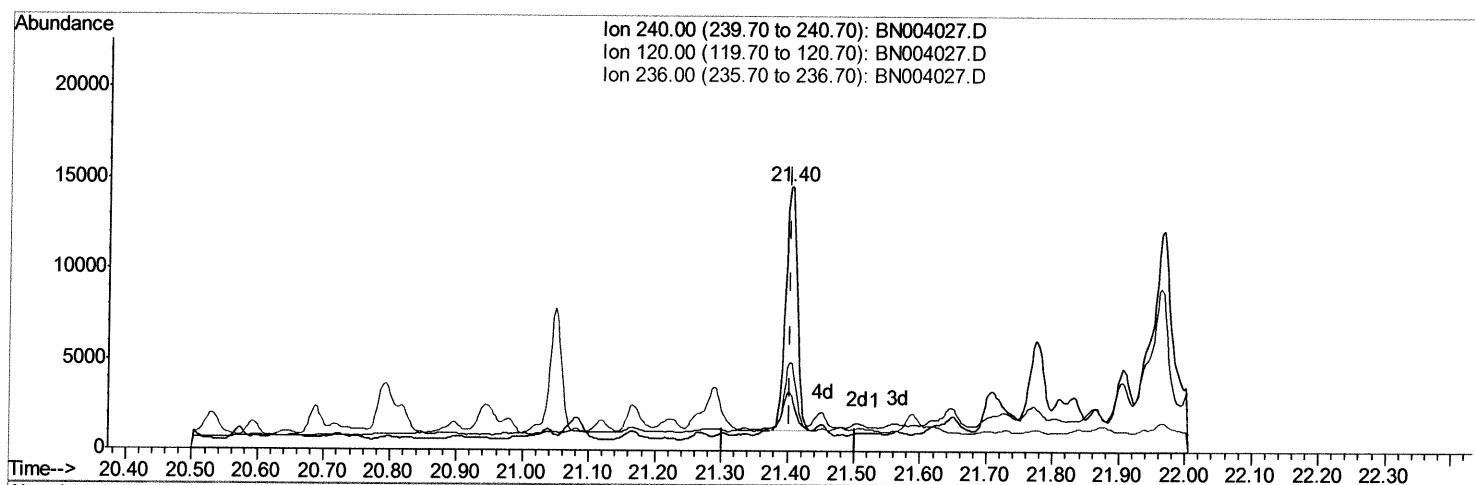
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 13:53:23 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)

21.403min (0.000) 0.40ng/ul m

response 16230

Ion Exp% Act%

240.00 100 100

120.00 14.00 22.24#

236.00 27.60 33.69#

0.00 0.00 0.00

> SJ
12/17/18

Quantitation Report (Qedit)

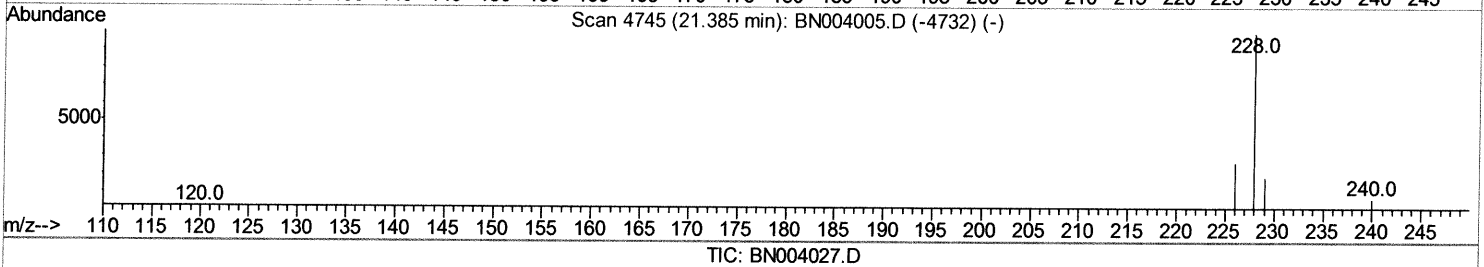
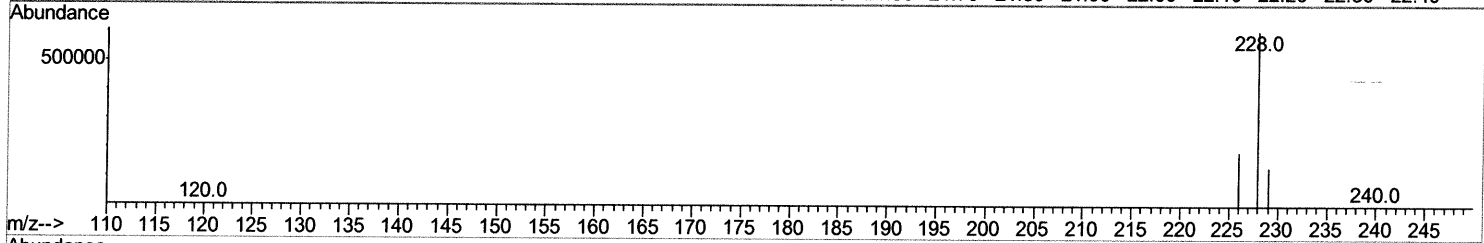
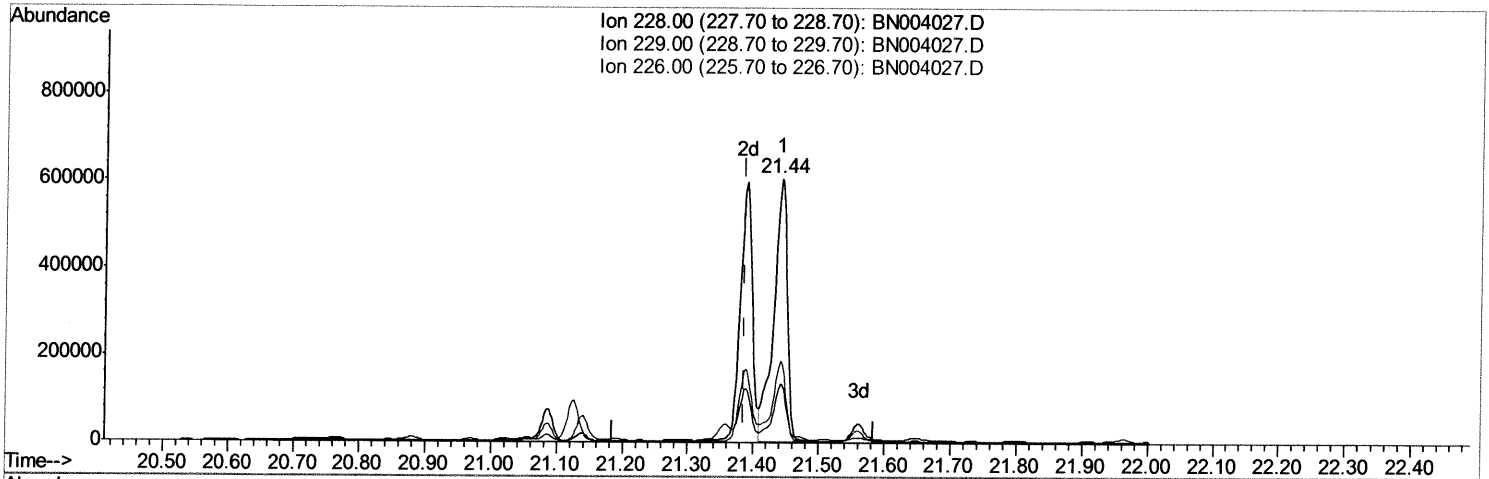
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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) 16.97ng/ul

response 869788

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.19
226.00	26.40	30.91
0.00	0.00	0.00

Quantitation Report (Qedit)

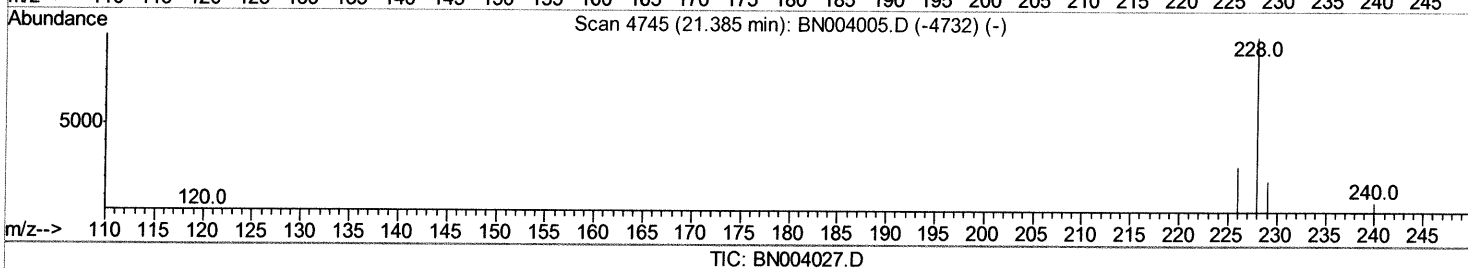
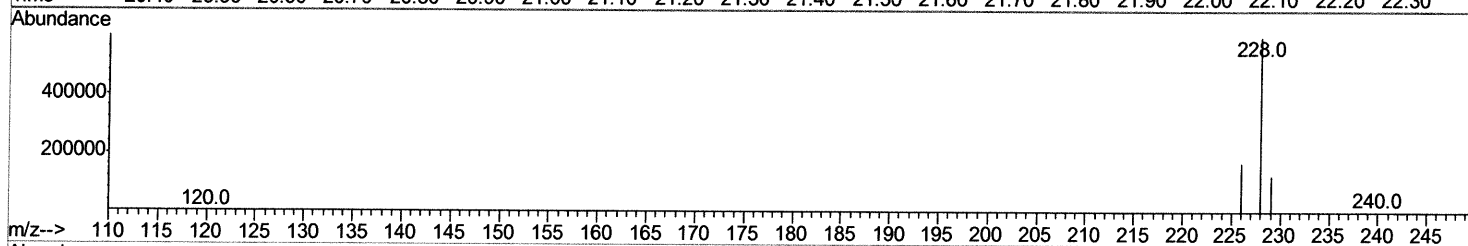
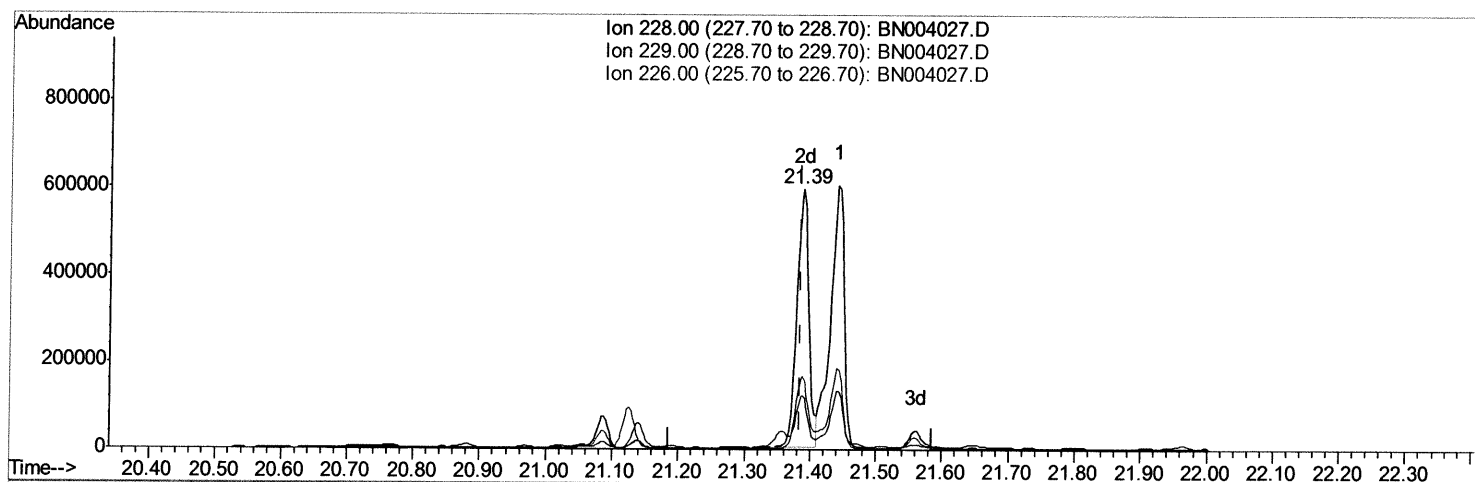
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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) 14.63ng/ul m

response 749963

Ion Exp% Act%

228.00 100 100

229.00 19.50 20.93

226.00 26.40 28.32

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

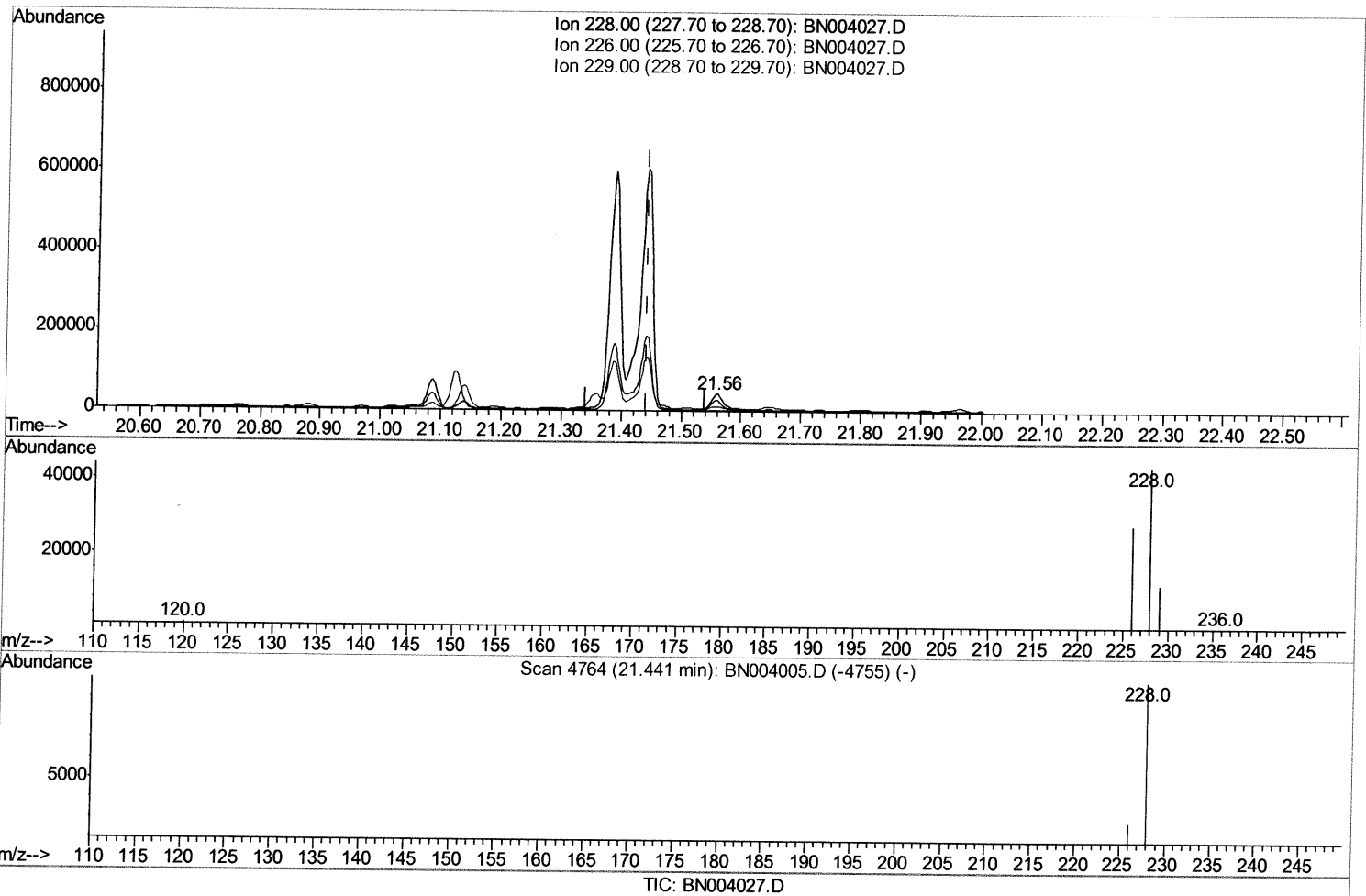
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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) 1.04ng/ul

response 60845

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	64.76#
229.00	19.60	28.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

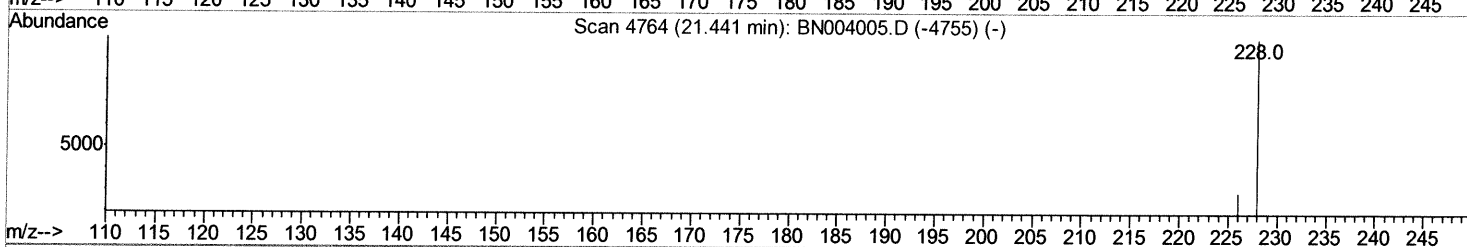
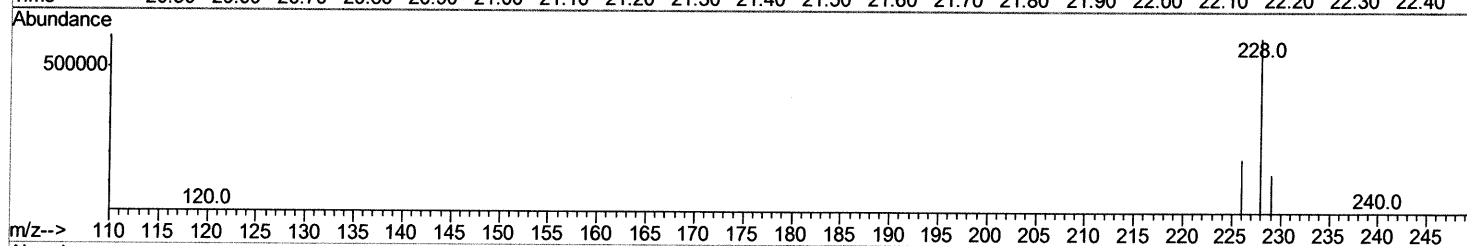
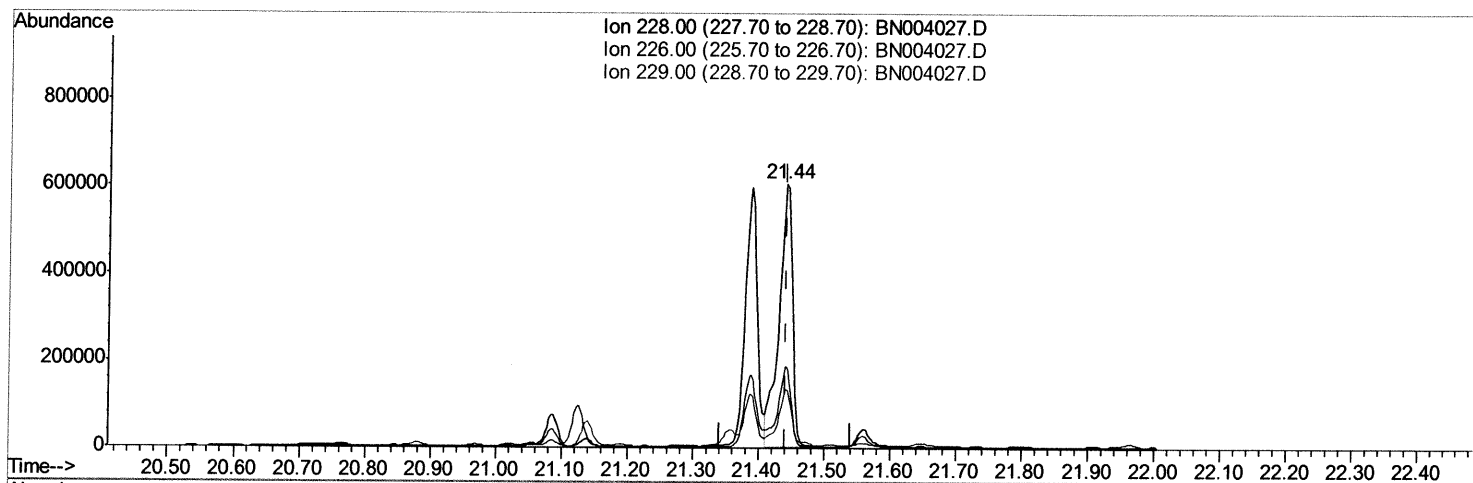
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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: BN004027.D

(19) Chrysene

21.441min (0.000) 14.86ng/ul m

response 871560

Ion Exp% Act%

228.00 100 100

226.00 30.00 30.91

229.00 19.60 22.19

0.00 0.00 0.00

> SJ
12/17/18

Quantitation Report (Qedit)

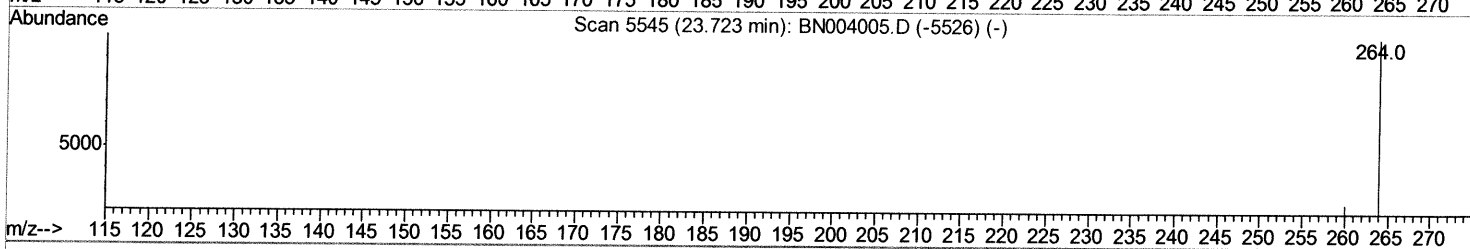
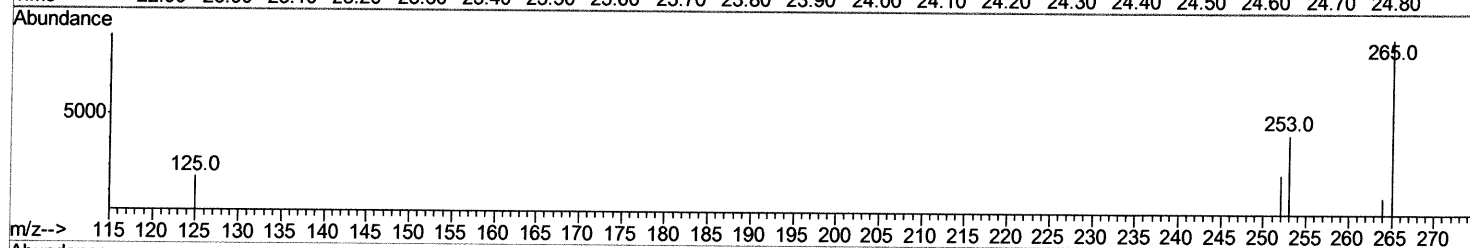
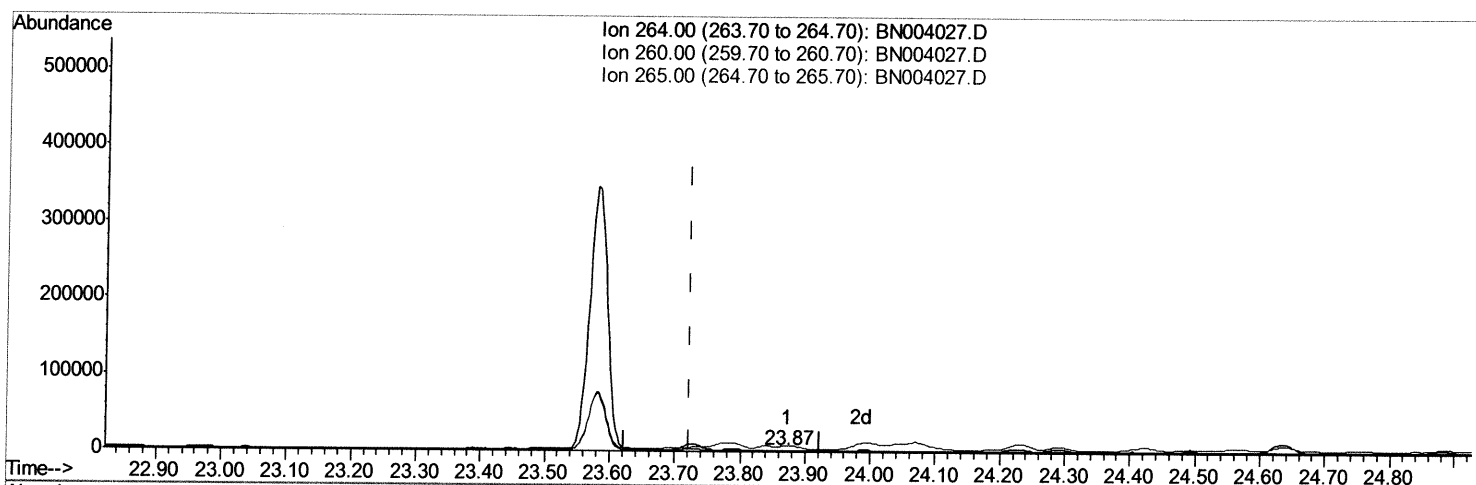
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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: BN004027.D

(20) Perylene-d12 (I)

23.873min (+0.149) 0.40ng/ul

response 3250

Ion	Exp%	Act%
-----	------	------

264.00	100	100
--------	-----	-----

260.00	26.20	66.20#
--------	-------	--------

265.00	33.50	421.07#
--------	-------	---------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

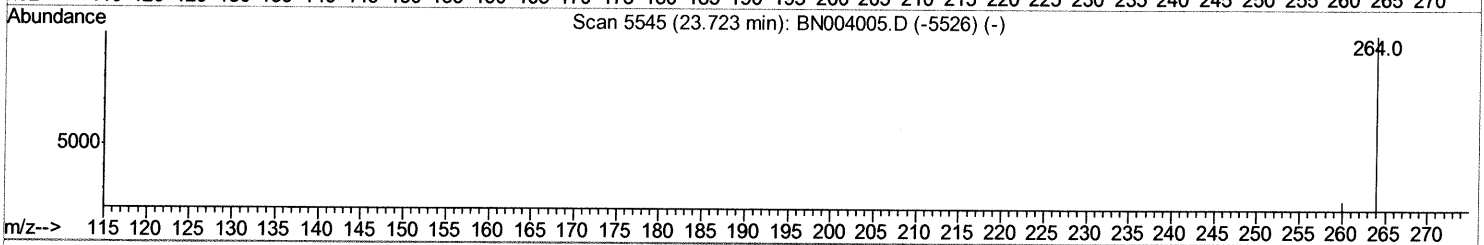
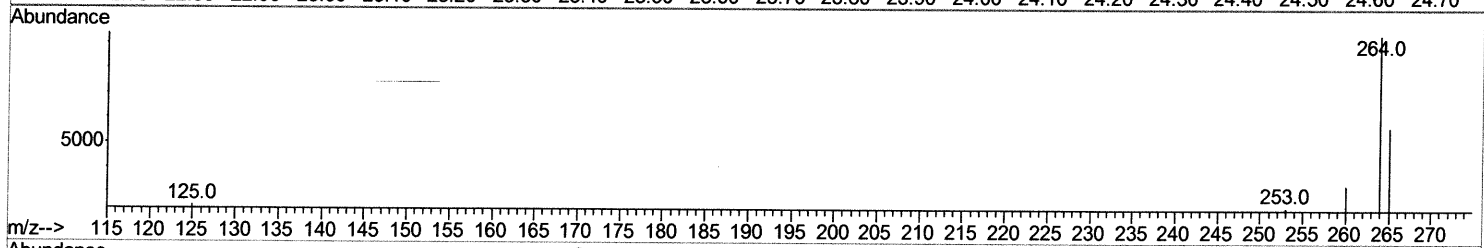
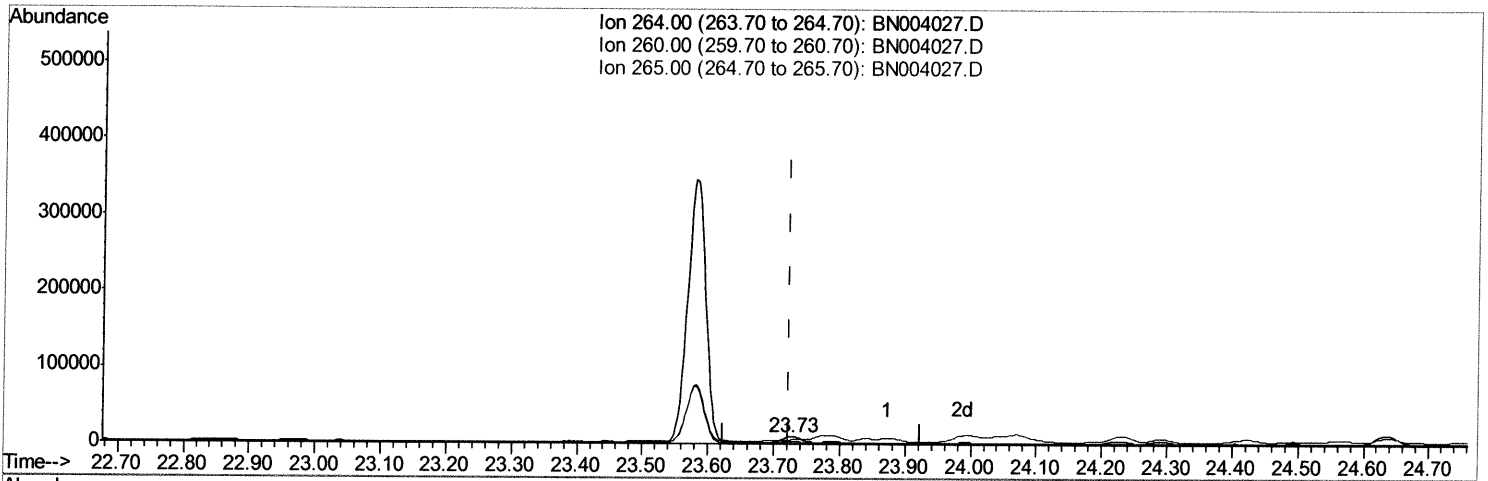
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:03:19 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: BN004027.D

(20) Perylene-d12 (I)

23.726min (+0.003) 0.40ng/ul m

response 15086

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	35.59#
265.00	33.50	60.07#
0.00	0.00	0.00

> $\frac{53}{12/17/18}$

Quantitation Report (Qedit)

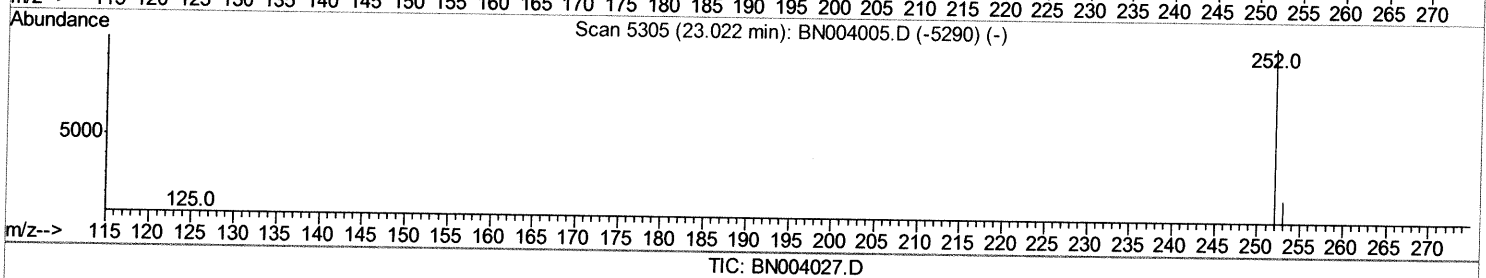
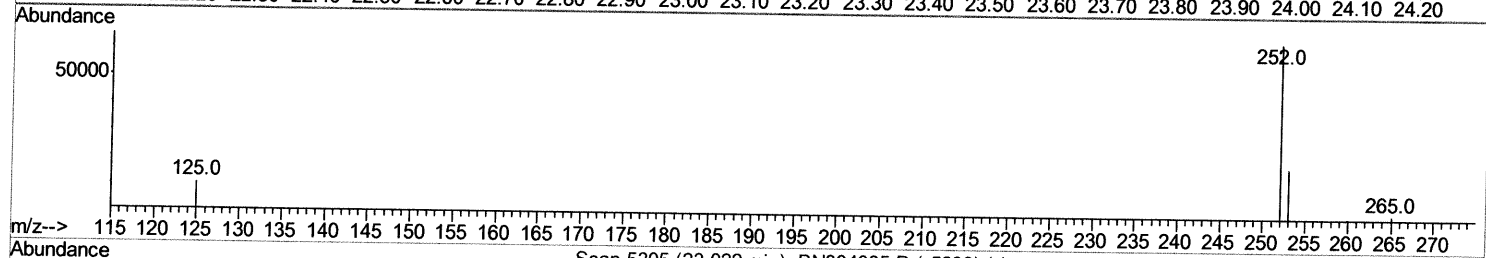
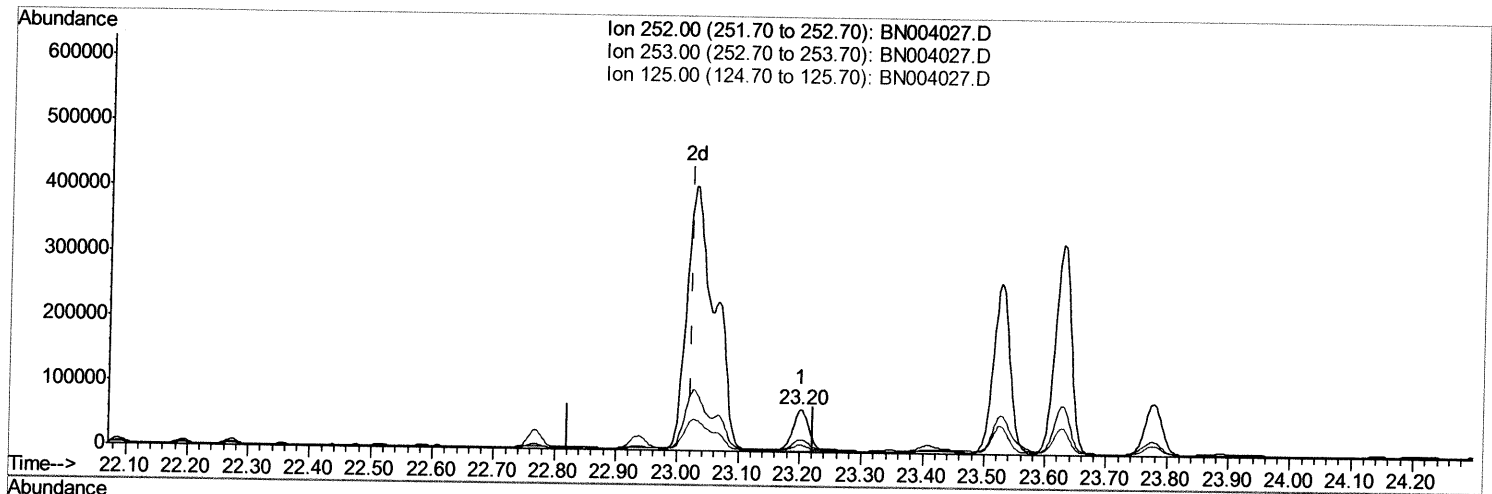
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.200min (+0.178) 1.83ng/ul

response 114255

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	29.63
125.00	11.20	16.55
0.00	0.00	0.00

Quantitation Report (Qedit)

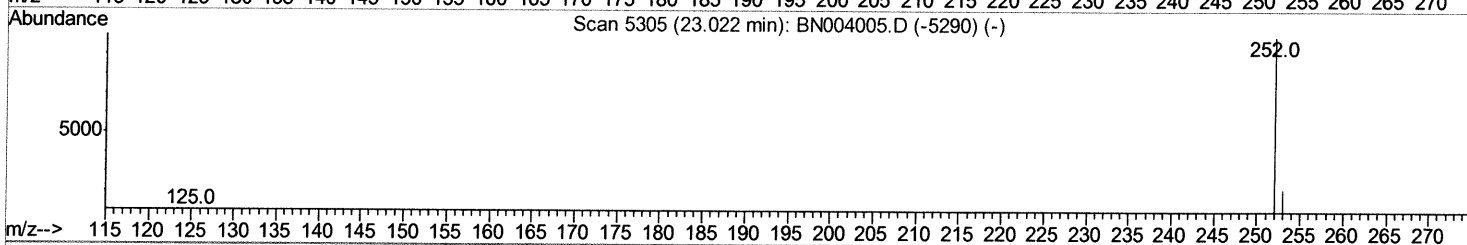
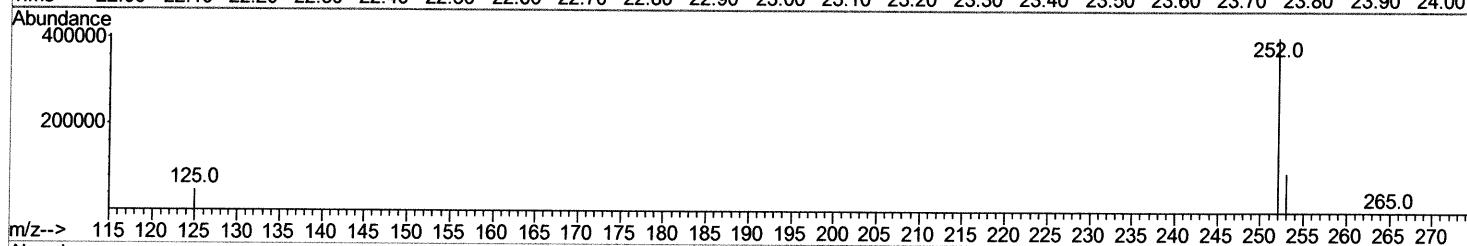
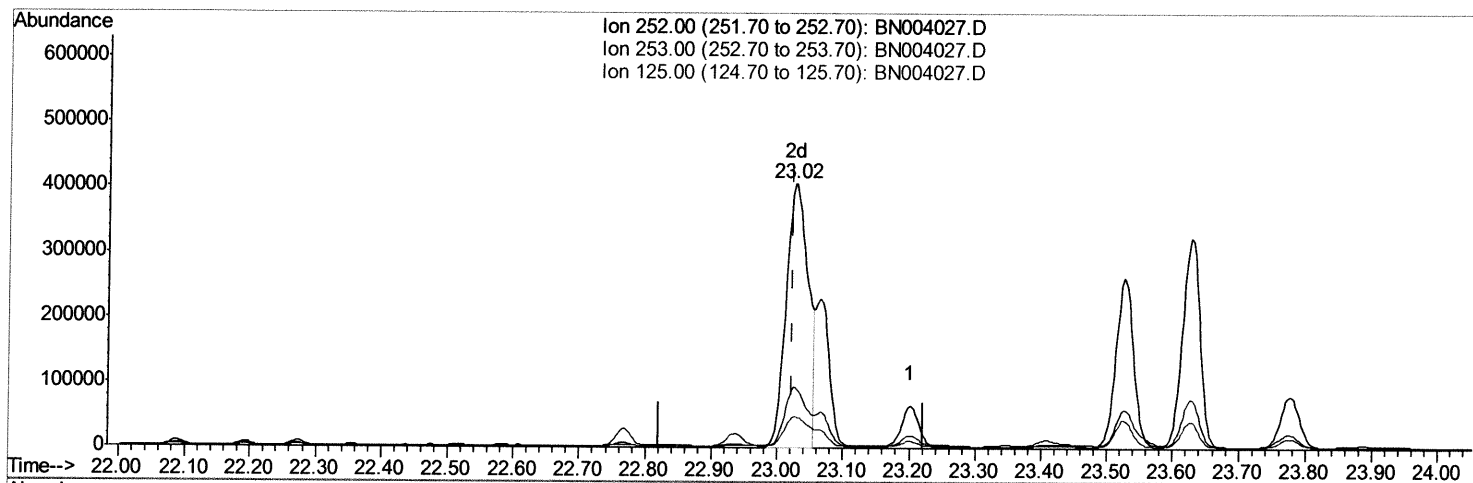
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004027.D

(21) Benzo(b)fluoranthene

23.025min (+0.003) 15.05ng/ul m

response 939387

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	23.00
125.00	11.20	11.91
0.00	0.00	0.00

> 57
12/17/18

Quantitation Report (Qedit)

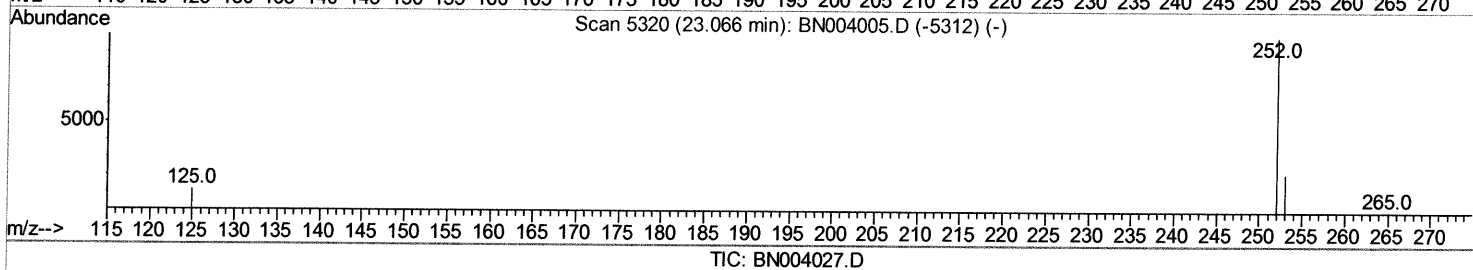
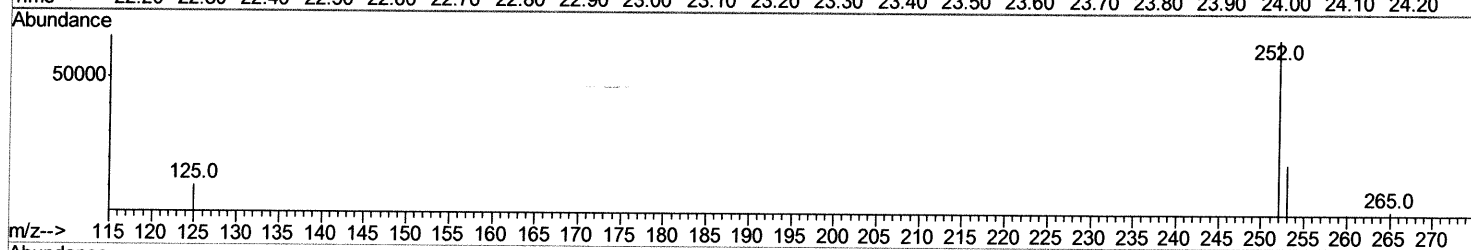
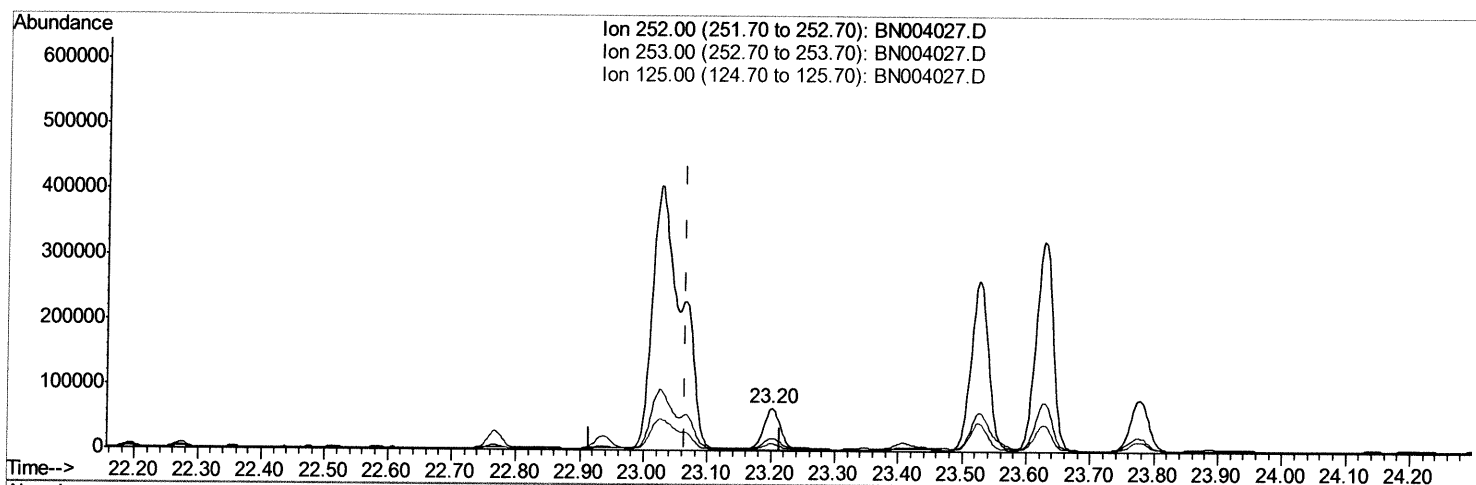
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.200min (+0.134) 1.88ng/ul

response 114255

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	29.63#
125.00	11.30	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

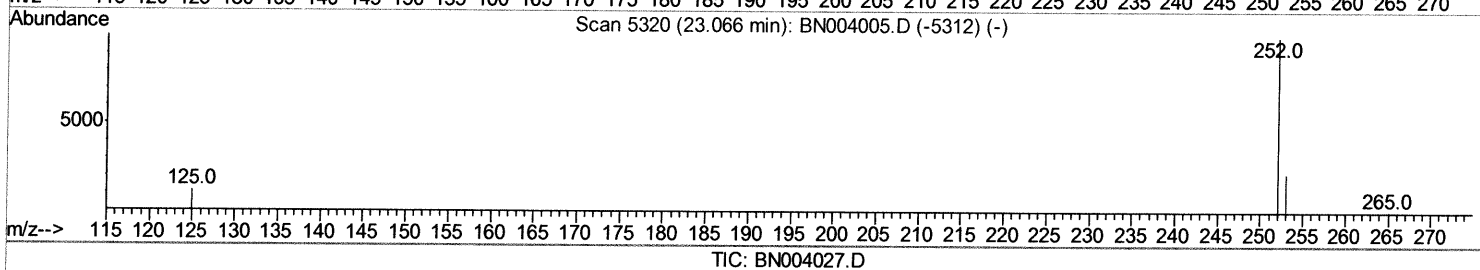
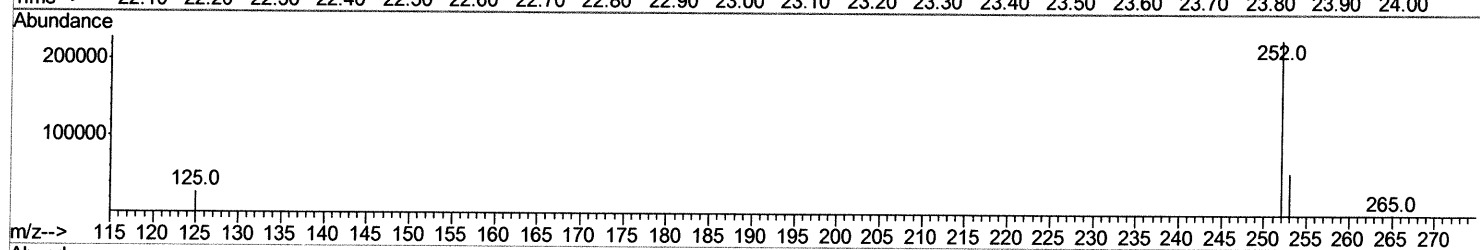
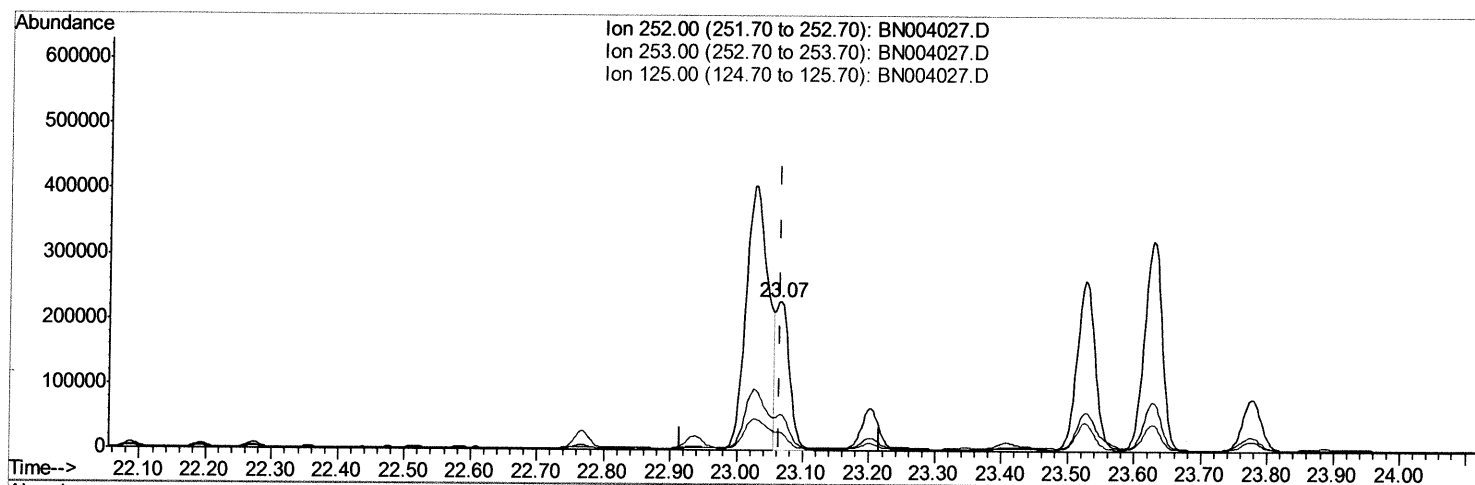
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.066min (0.000) 5.74ng/ul m

response 349191

Ion Exp% Act%

252.00 100 100

253.00 23.10 23.94

125.00 11.30 12.12

0.00 0.00 0.00

> 55
12/17/18

Quantitation Report (Qedit)

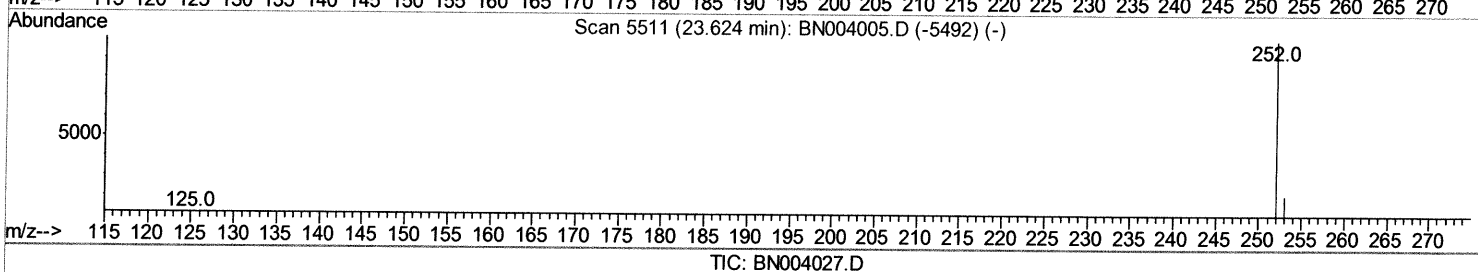
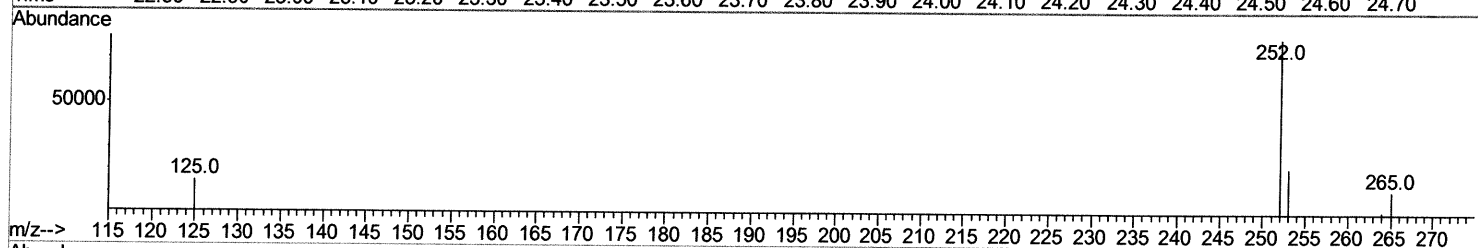
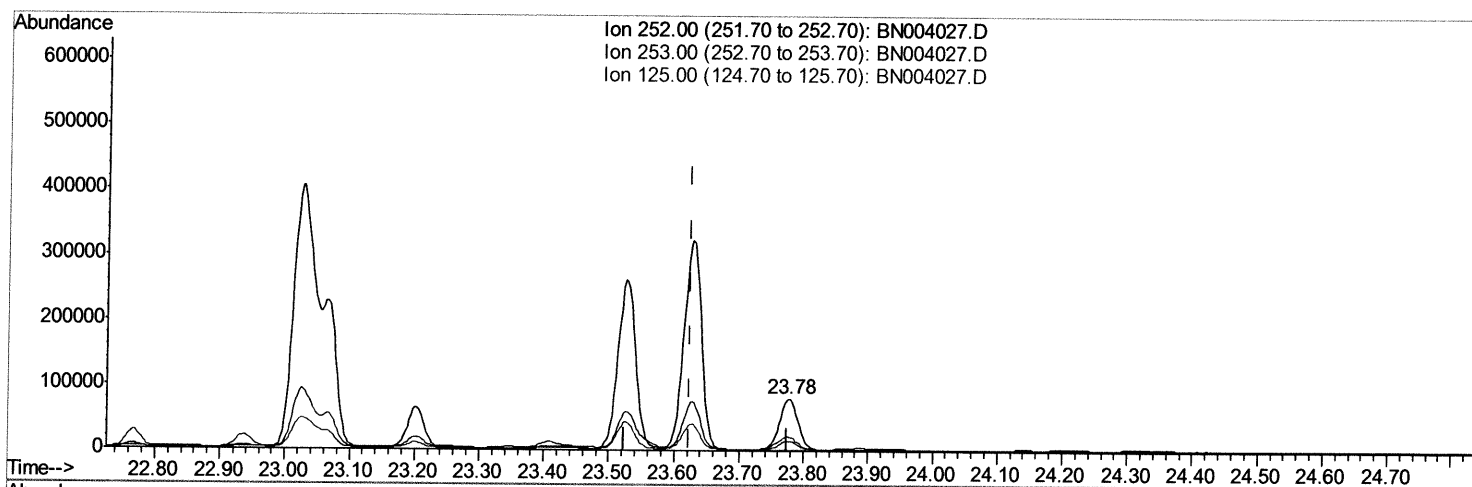
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.776min (+0.152) 2.84ng/ul

response 153588

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	27.08
125.00	12.80	19.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

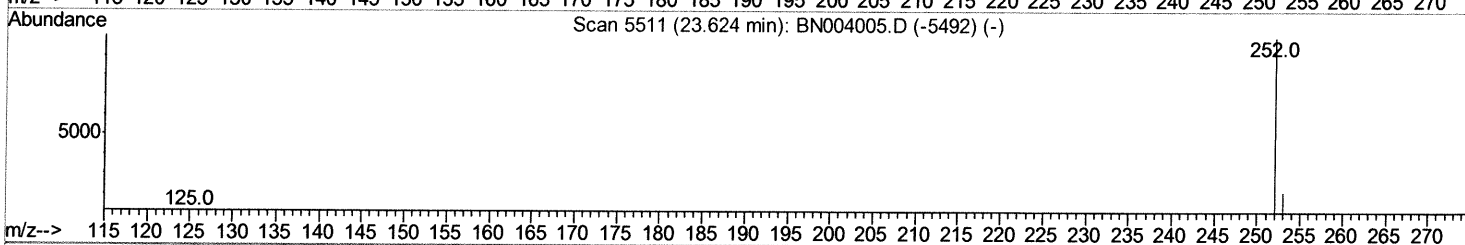
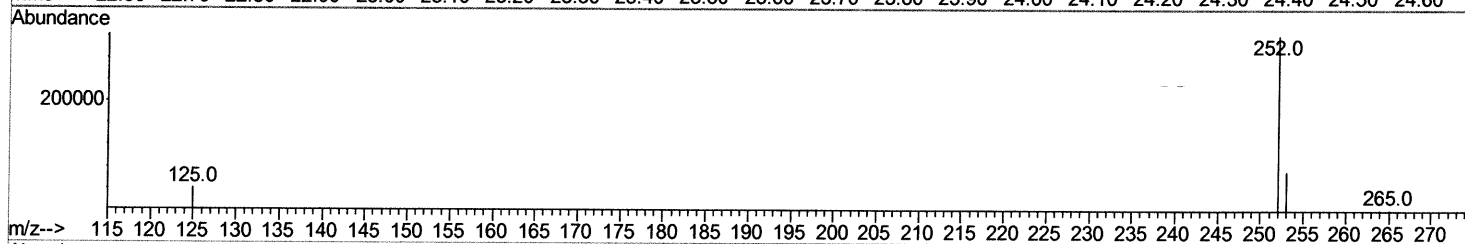
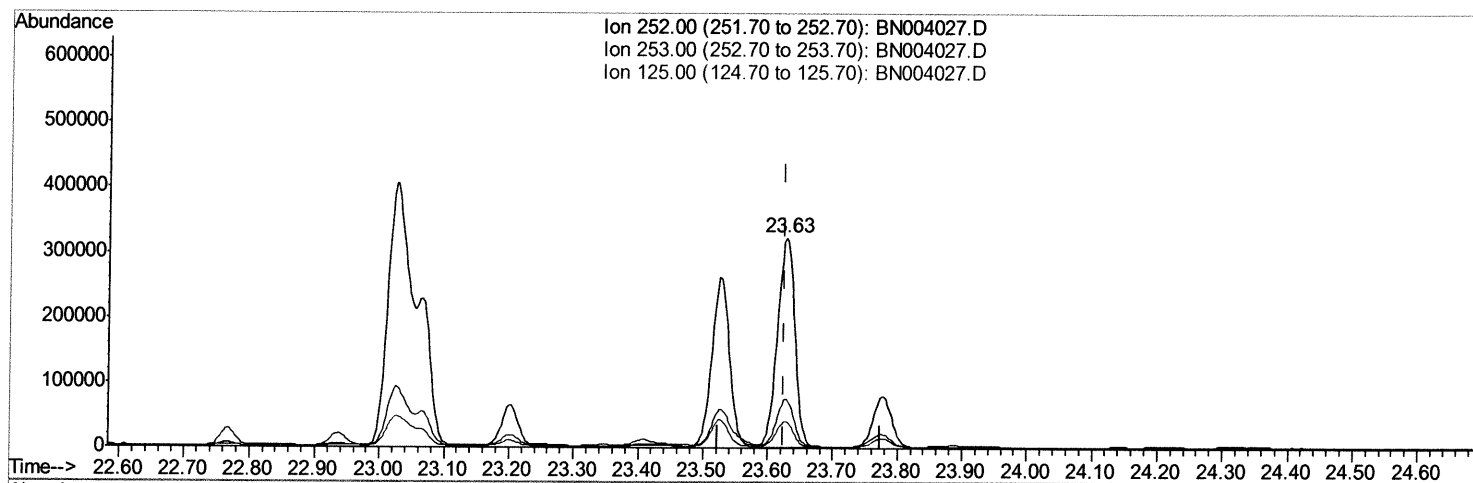
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004027.D

(23) Benzo(a)pyrene (C)

23.627min (+0.003) 10.97ng/ul m

response 593073

Ion Exp% Act%

252.00 100 100

253.00 23.70 23.17

125.00 12.80 12.59

0.00 0.00 0.00

> $\frac{53}{12/17/18}$

Quantitation Report (Qedit)

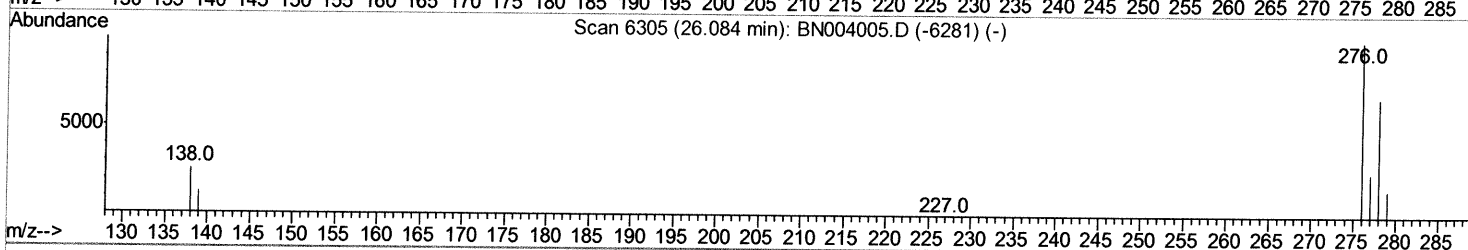
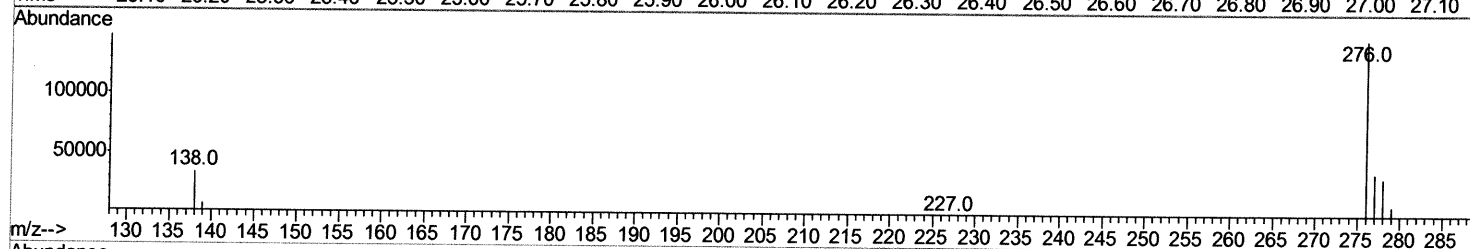
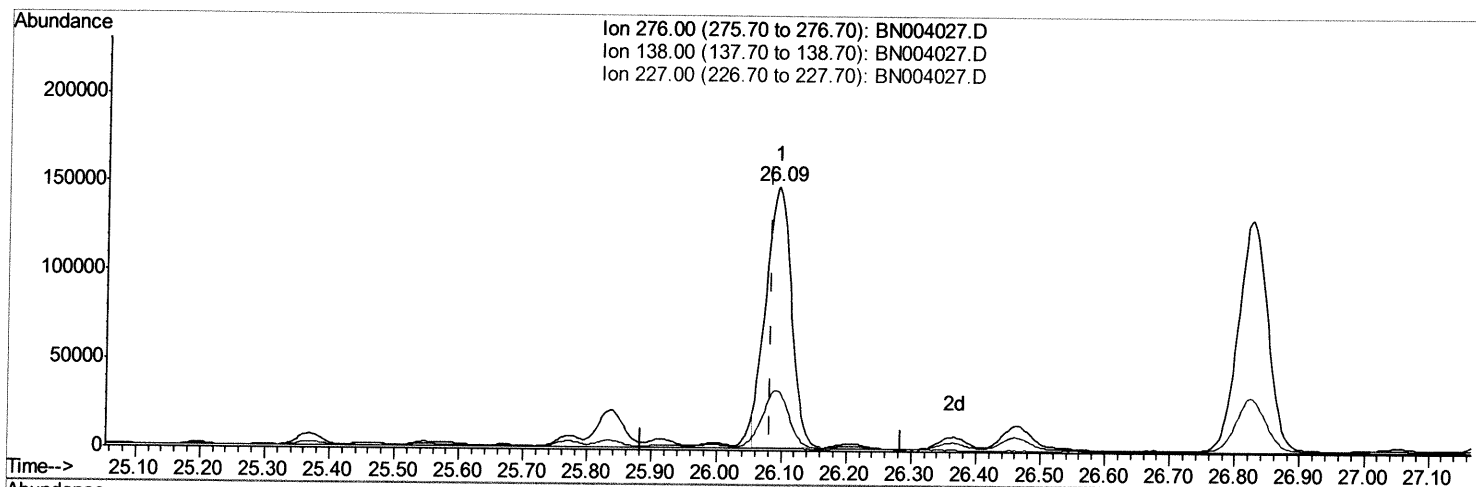
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004027.D

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

26.094min (+0.010) 6.45ng/ul

response 399593

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	22.47
227.00	0.20	0.17
0.00	0.00	0.00

Quantitation Report (Qedit)

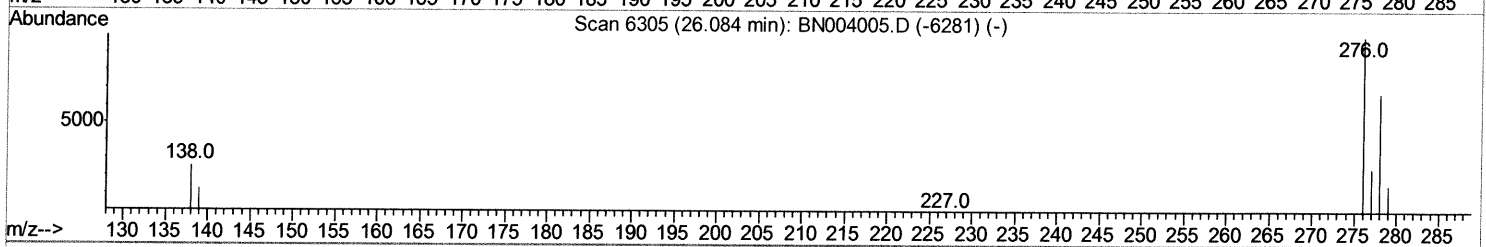
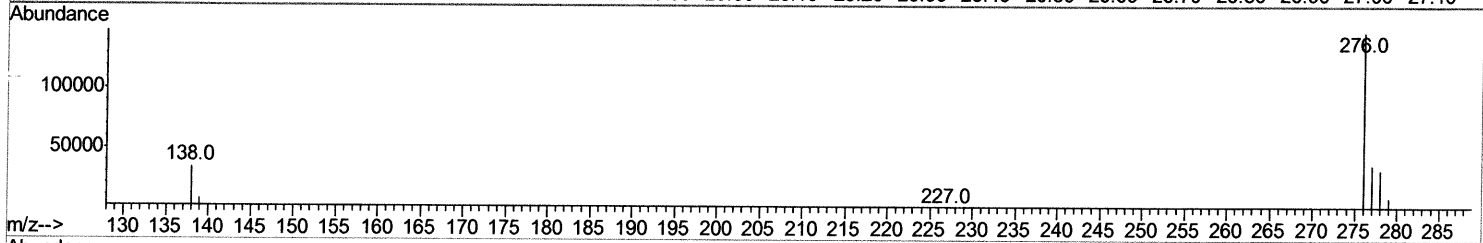
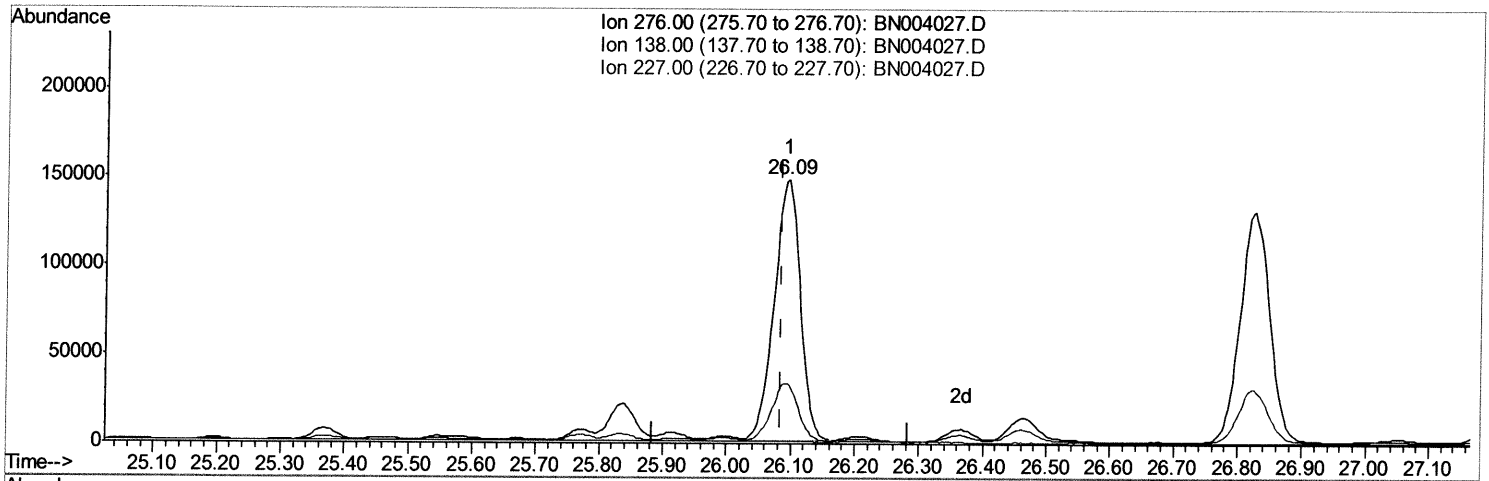
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004027.D

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

26.094min (+0.010) 6.63ng/ul m

response 411119

Ion	Exp%	Act%
276.00	100	100
138.00	25.40	21.84
227.00	0.20	0.16
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

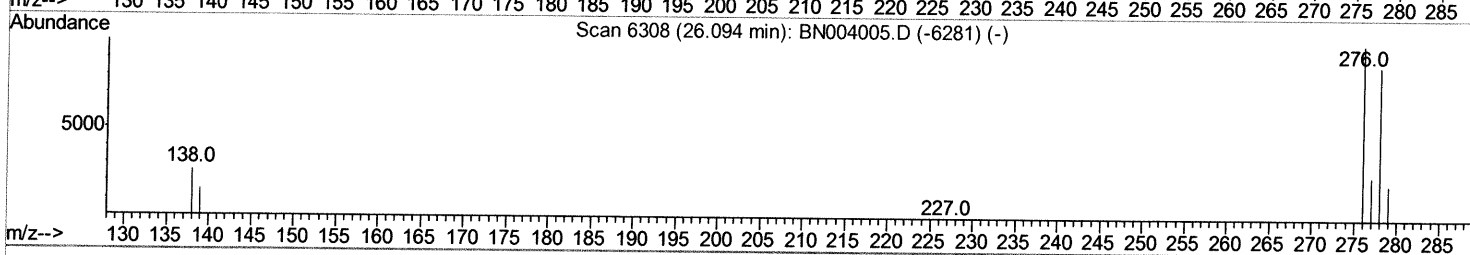
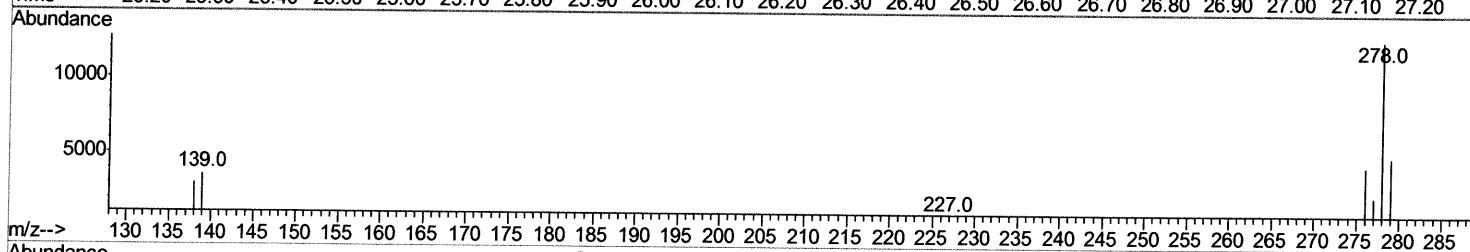
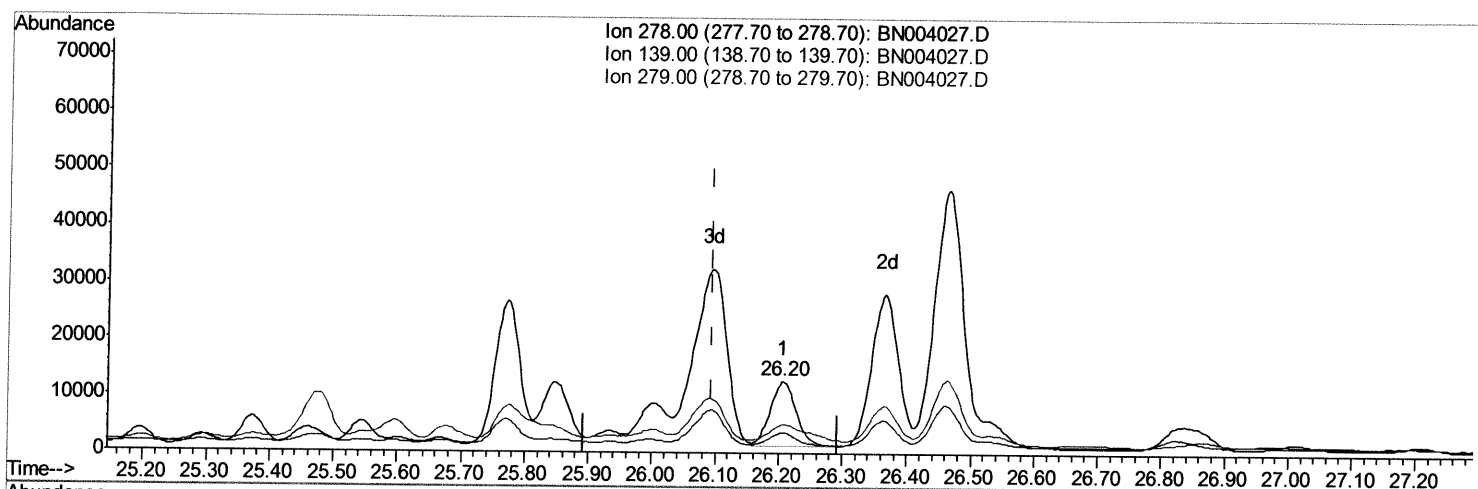
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.205min (+0.111) 0.66ng/ul

response 32778

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	28.19#
279.00	24.70	39.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

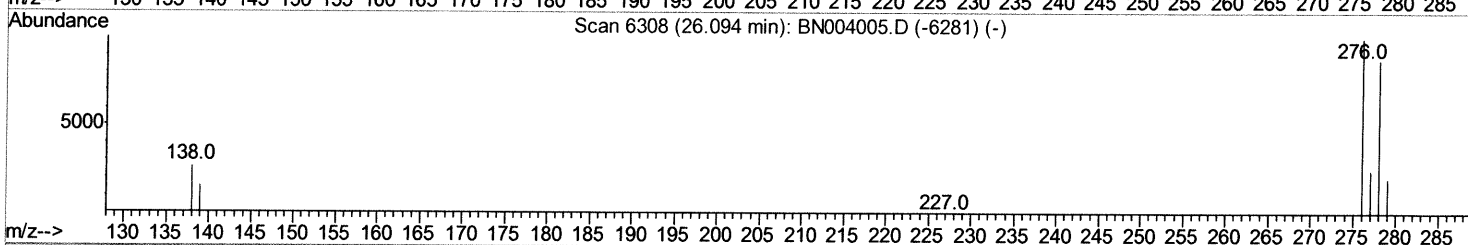
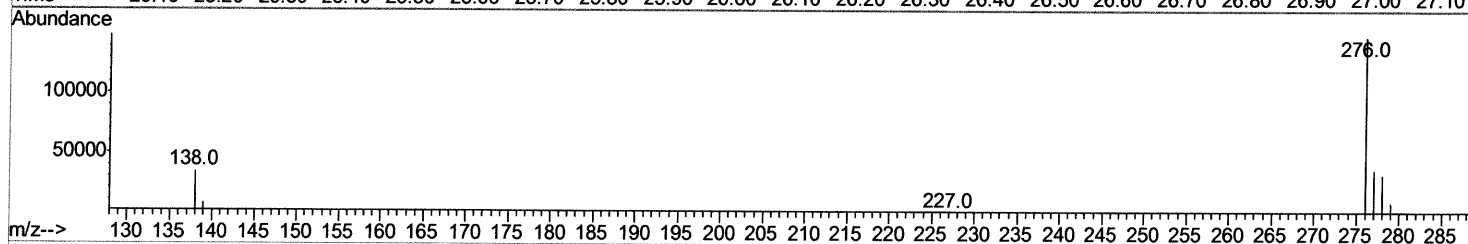
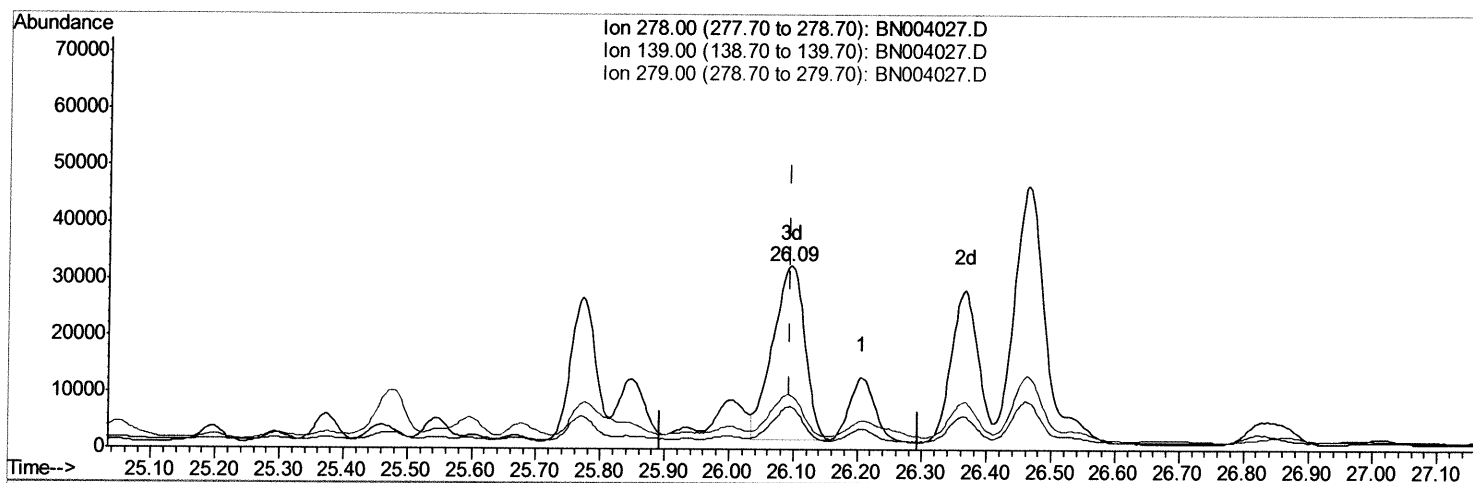
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004027.D

(25) Dibenzo(a,h)anthracene

26.094min (0.000) 2.16ng/ul m

response 107722

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	23.46#
279.00	24.70	29.58
0.00	0.00	0.00

> SJ
12/17/18

Quantitation Report (Qedit)

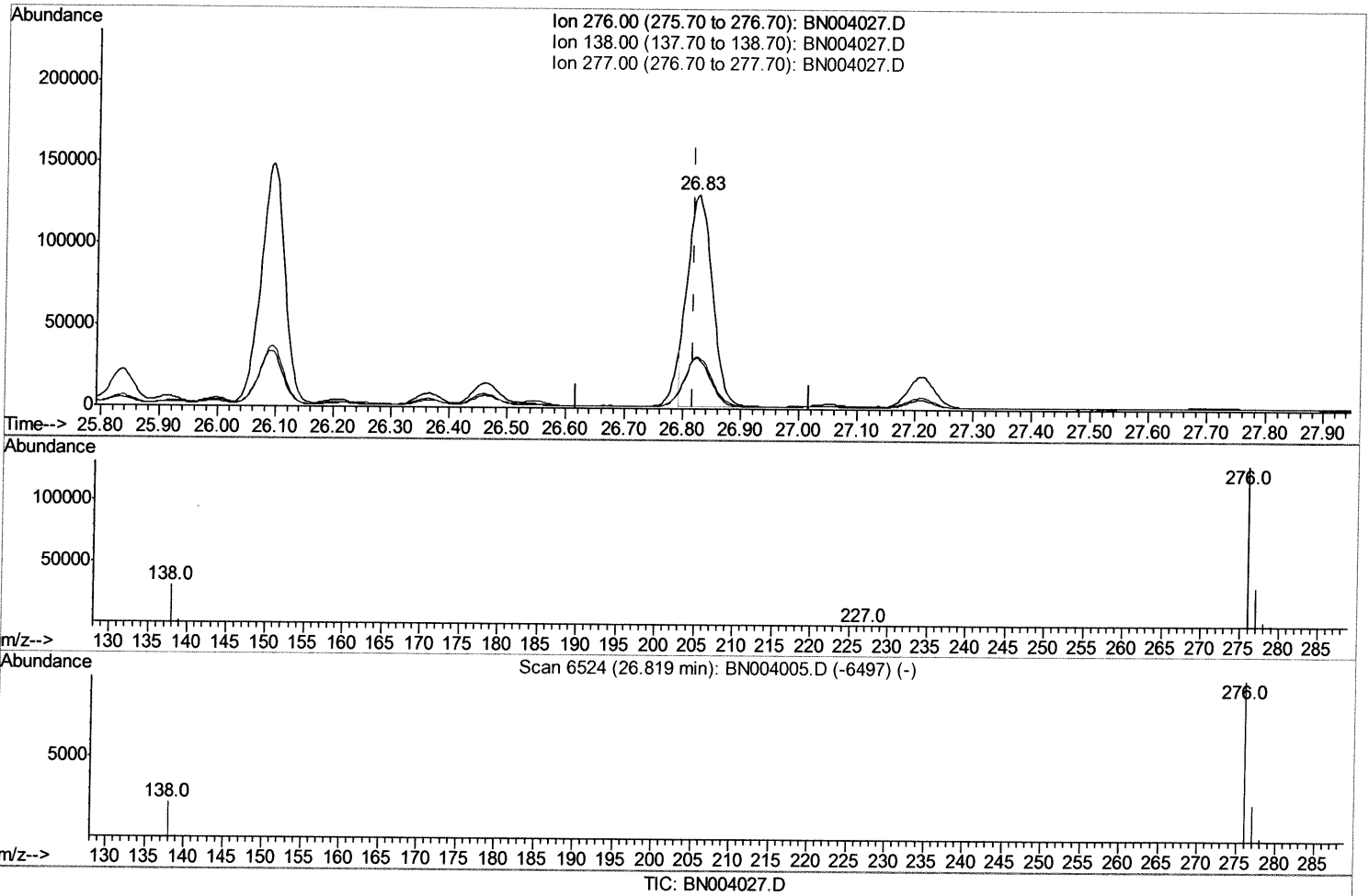
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.825min (+0.007) 7.18ng/ul
 response 386452

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	23.73
277.00	24.10	24.48
0.00	0.00	0.00

Quantitation Report (Qedit)

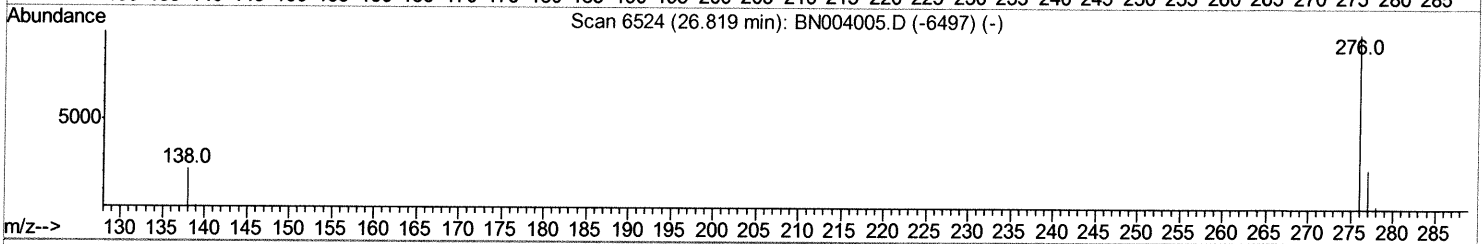
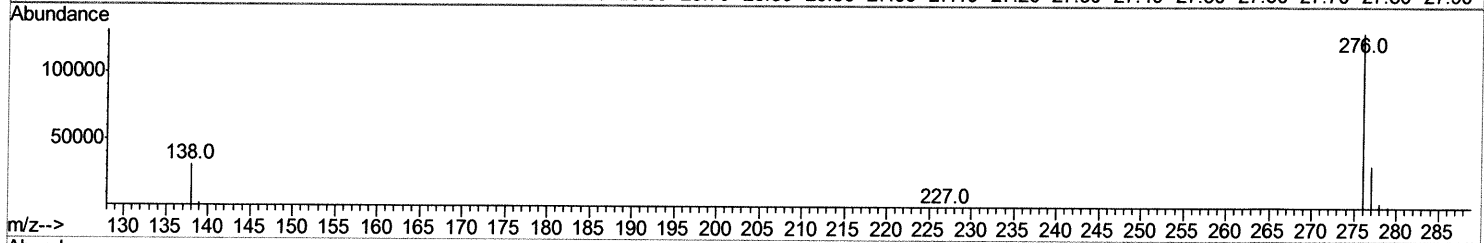
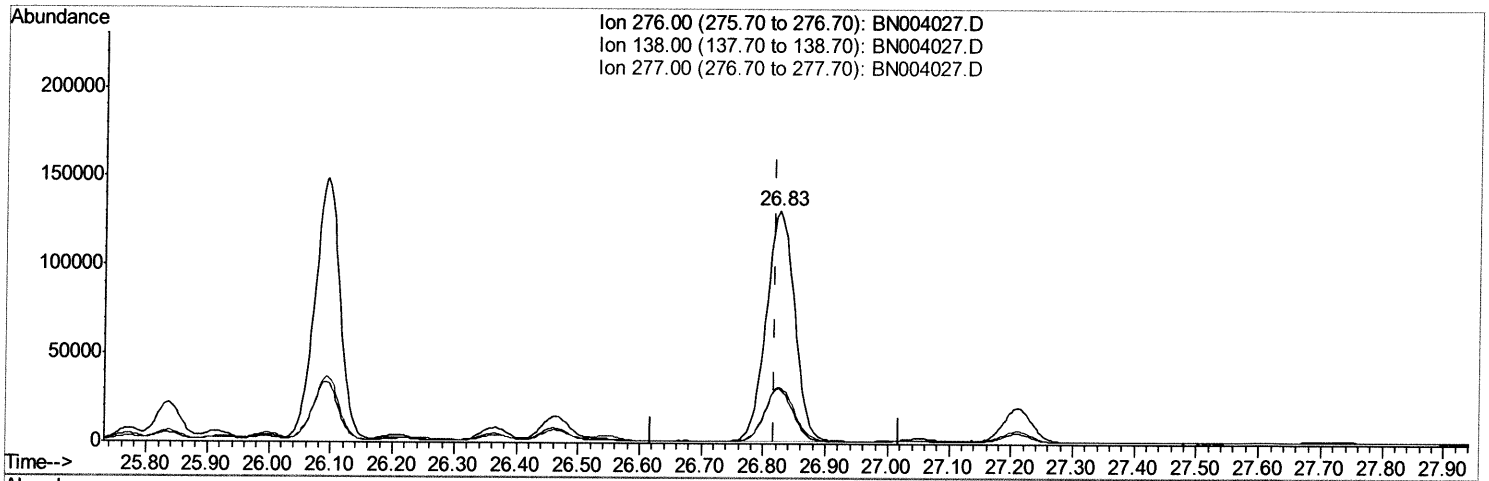
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004027.D

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

26.825min (+0.007) 7.66ng/ul m

response 412731

Ion	Exp%	Act%
276.00	100	100
138.00	22.10	23.73
277.00	24.10	24.48
0.00	0.00	0.00

> 55
 12/17/18

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121618\
 Data File : BN004027.D
 Acq On : 17 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6229-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:08:47 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	1840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14618m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16230m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	15086m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	2625	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8629m	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.68	128	11043	0.427	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	7877	0.436	ng/ul	100
7) Acenaphthylene	14.19	152	30701	1.206	ng/ul	99
8) Acenaphthene	14.53	153	16733	0.750	ng/ul	100
9) Fluorene	15.52	166	20456	0.787	ng/ul	100
12) Phenanthrene	17.26	178	969518m	20.209	ng/ul	
13) Anthracene	17.35	178	123389m	3.129	ng/ul	
15) Fluoranthene	19.28	202	1807762m	31.907	ng/ul	
17) Pyrene	19.64	202	1674081	28.759	ng/ul	97
18) Benzo(a)anthracene	21.39	228	749963m	14.630	ng/ul	
19) Chrysene	21.44	228	871560m	14.857	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	939387m	15.053	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	349191m	5.744	ng/ul	
23) Benzo(a)pyrene	23.63	252	593073m	10.975	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	411119m	6.634	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	107722m	2.160	ng/ul	
26) Benzo(g,h,i)perylene	26.83	276	412731m	7.663	ng/ul	

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 12/17/18

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