

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (QT Reviewed)

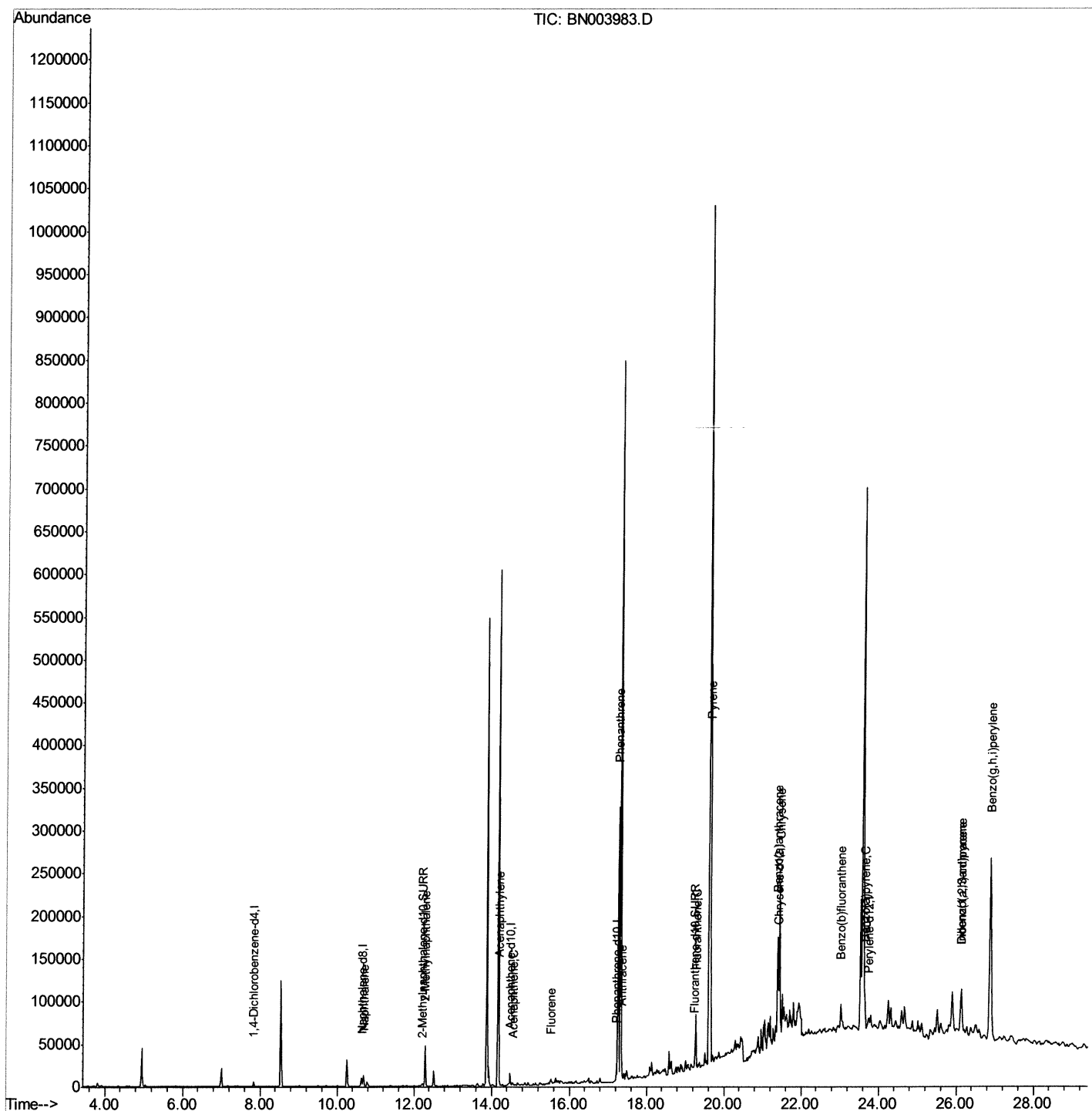
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:38:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

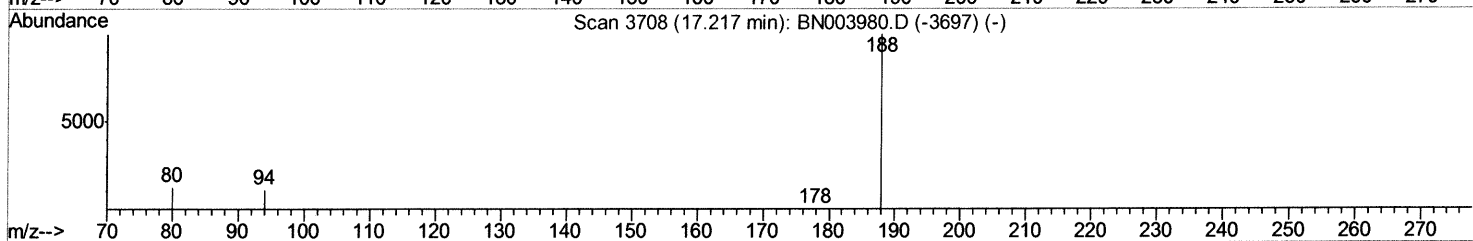
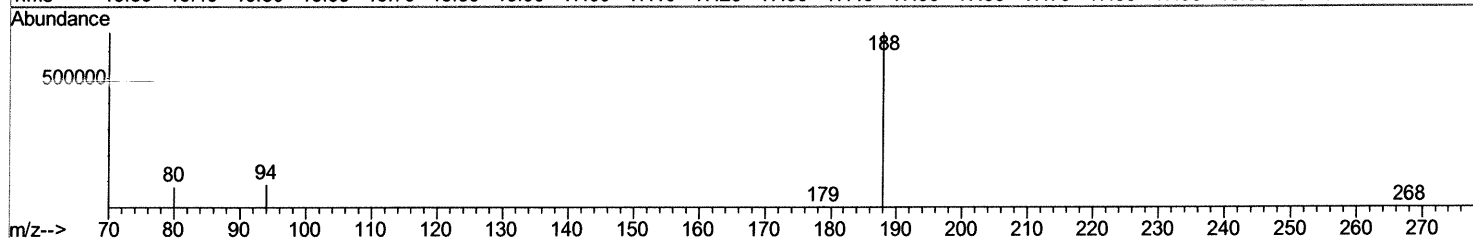
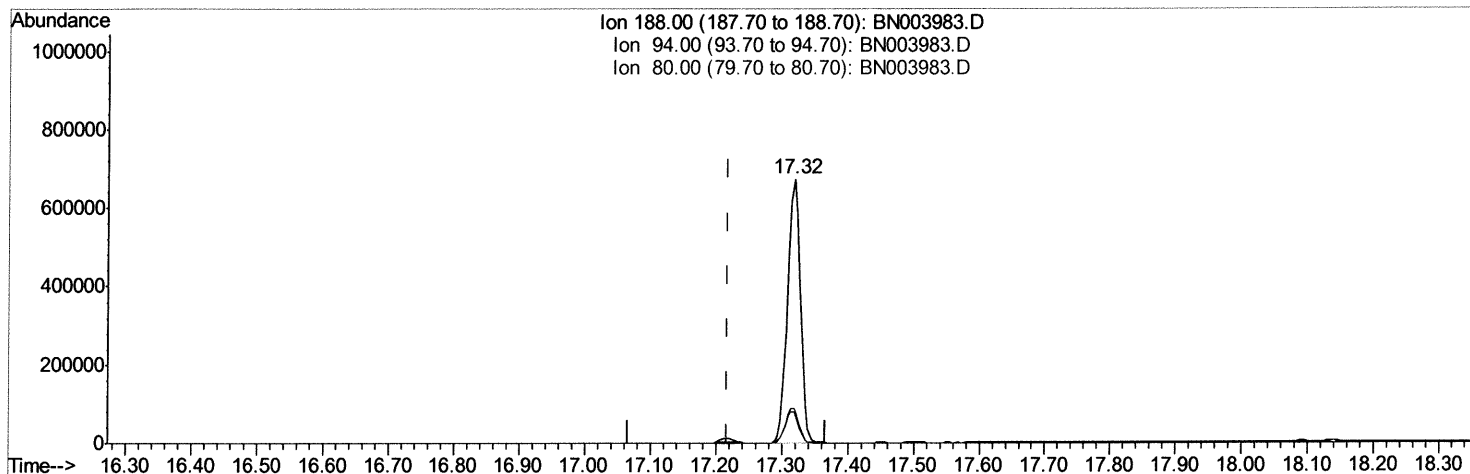
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:16:41 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 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(10) Phenanthrene-d10 (I)

17.318min (+0.101) 0.40ng/ul

response 920766

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.40 | 13.25# |
| 80.00  | 11.60 | 11.75  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

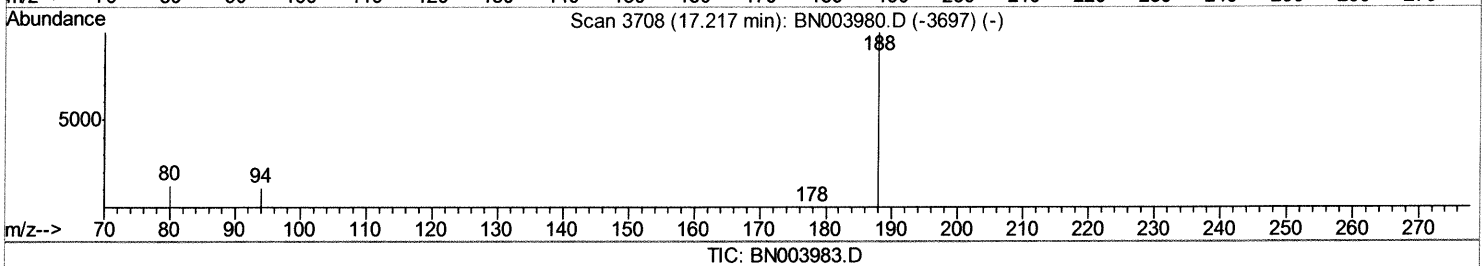
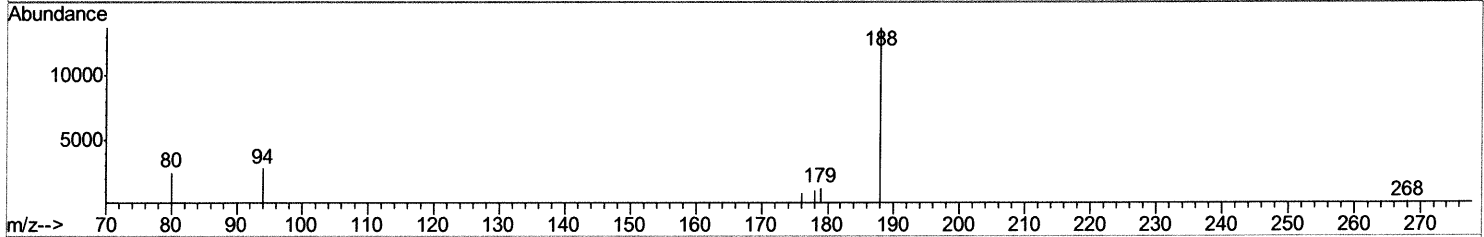
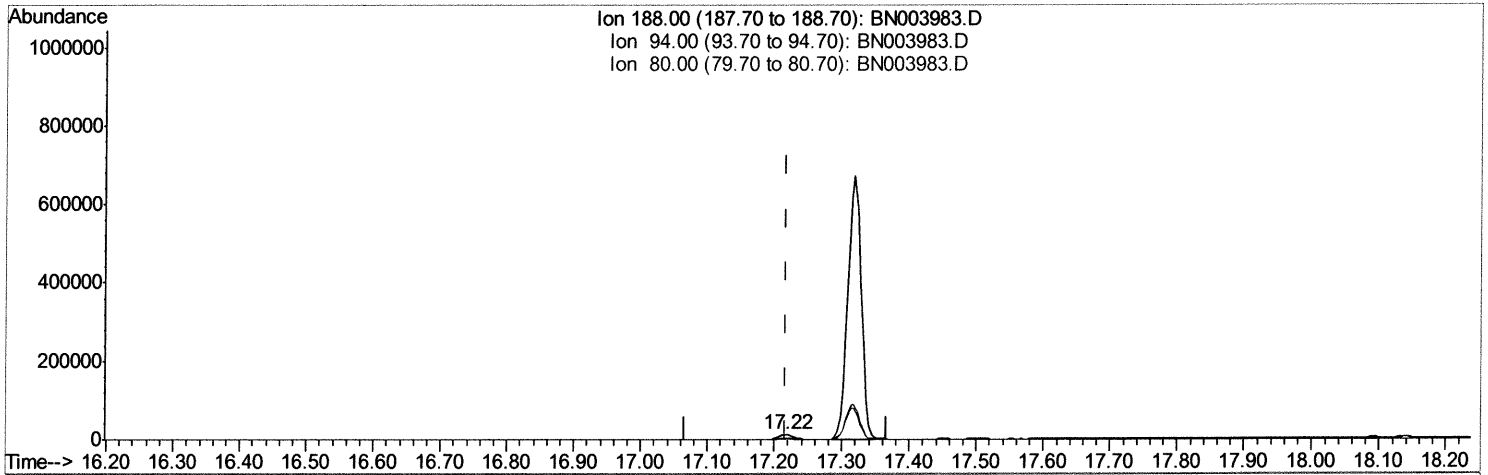
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:16:41 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 00:13:33 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m

SJ 12/17/18

response 18470

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.40 | 20.38# |
| 80.00  | 11.60 | 17.93# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

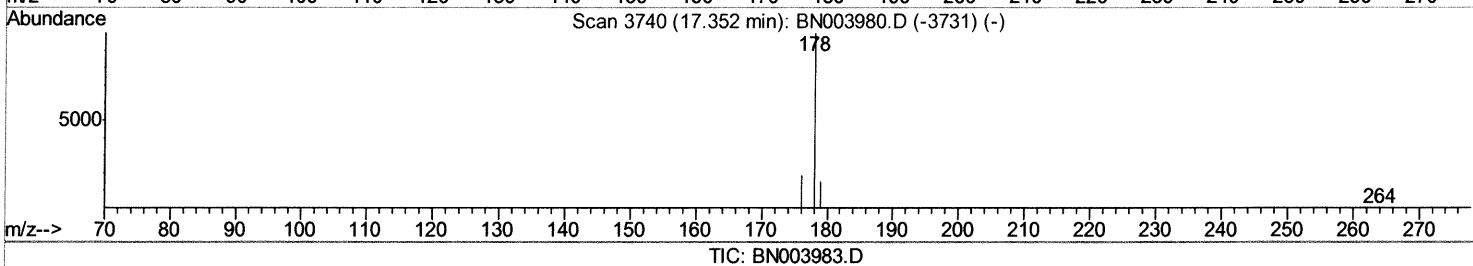
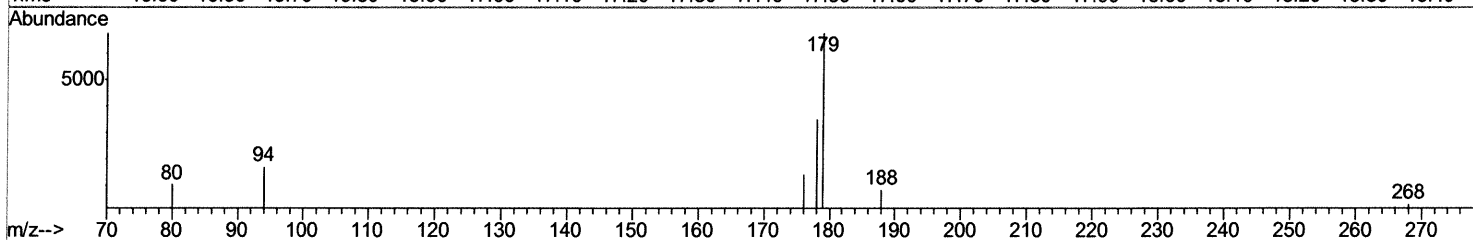
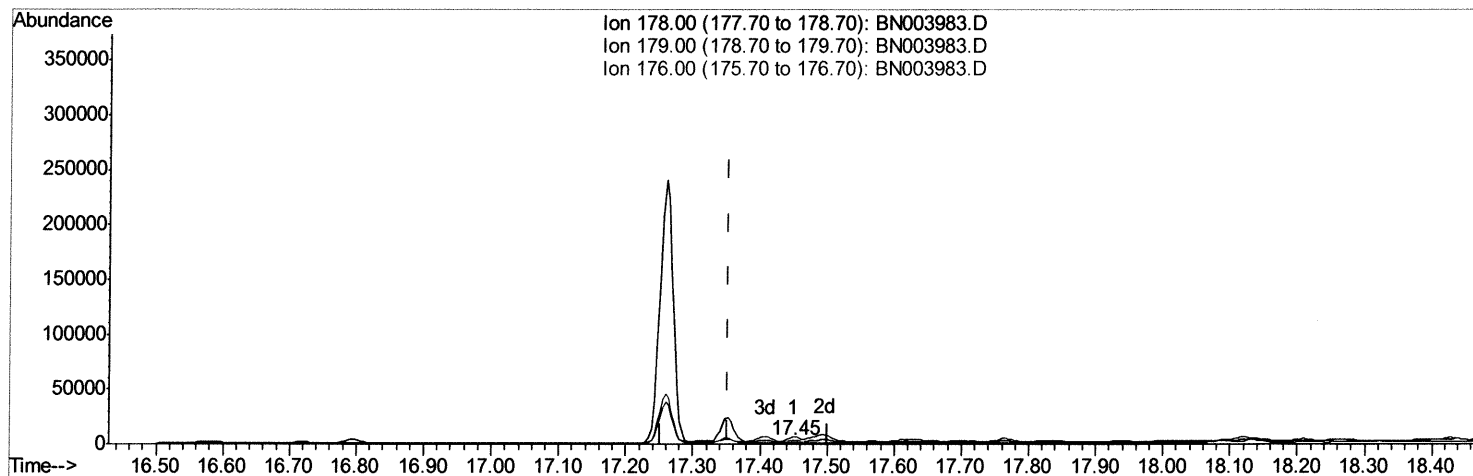
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



(13) Anthracene

17.449min (+0.097) 0.04ng/ul

response 2080

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 15.40 | 193.83# |
| 176.00 | 18.50 | 40.91#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

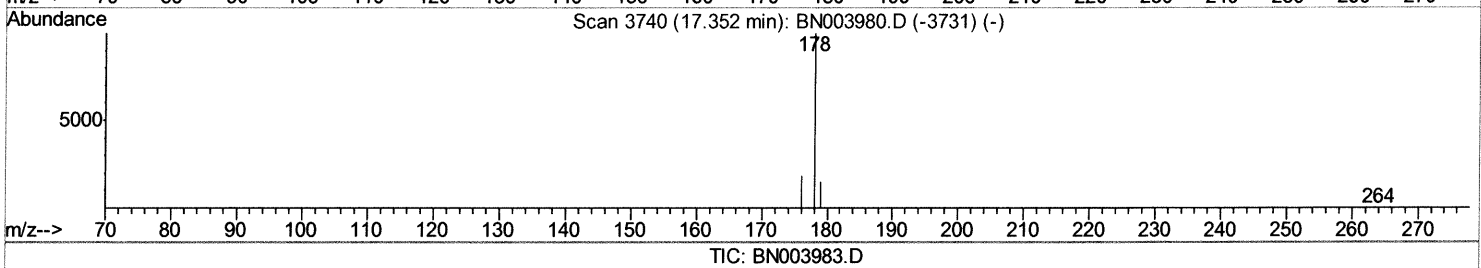
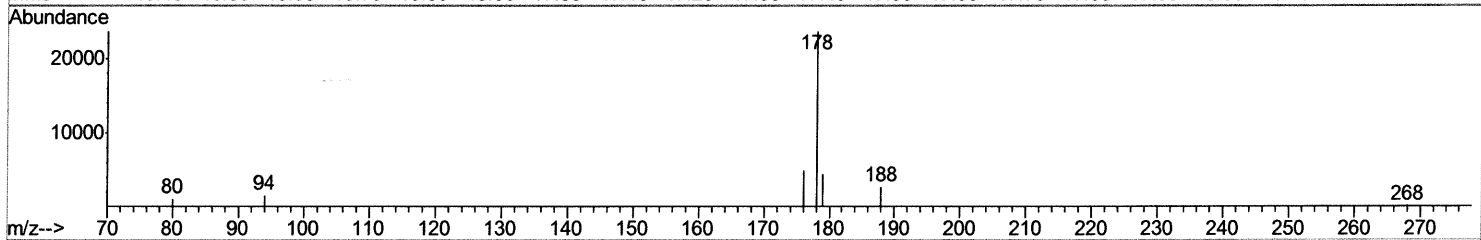
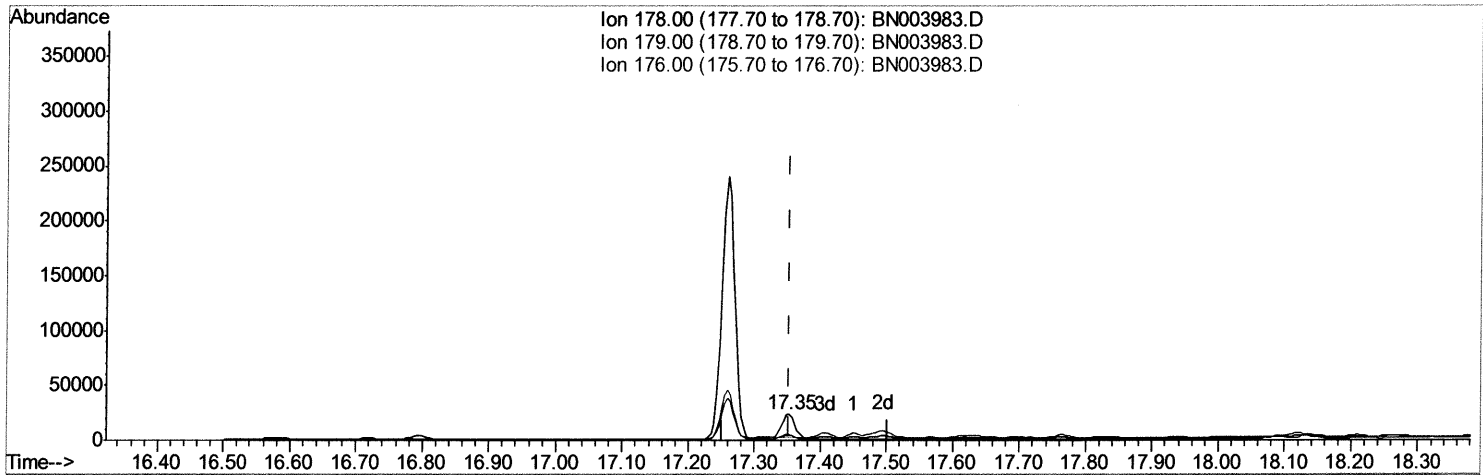
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



(13) Anthracene

17.352min (-0.000) 0.59ng/ul m

SD 12/17/18

response 29458

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.40 | 19.24# |
| 176.00 | 18.50 | 21.18  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

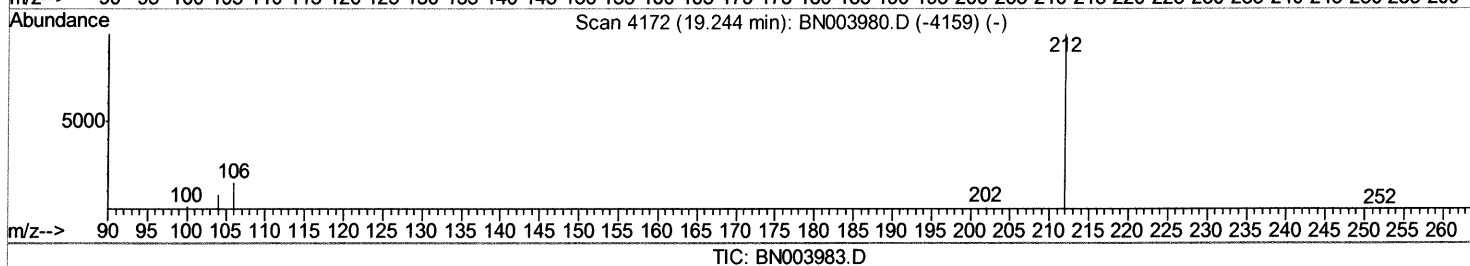
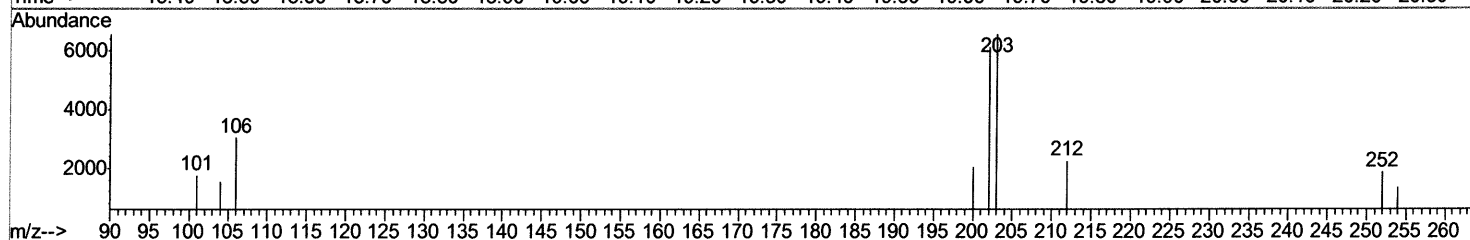
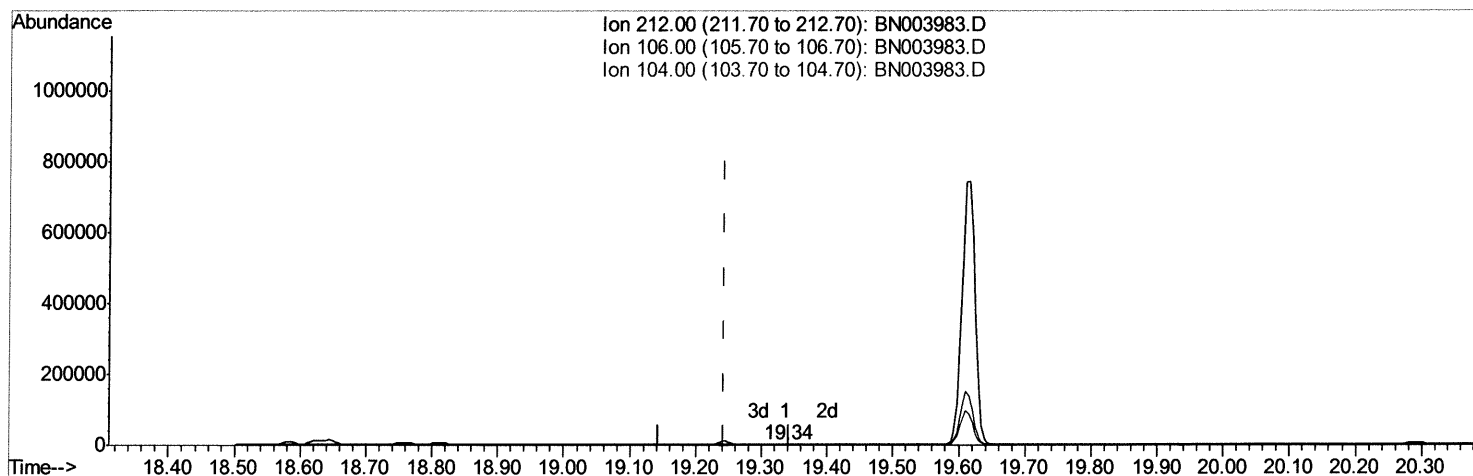
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleID :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.336min (+0.093) 0.02ng/ul

response 906

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 212.00 | 100   | 100    |
| 106.00 | 14.20 | 7.73#  |
| 104.00 | 8.00  | 64.02# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

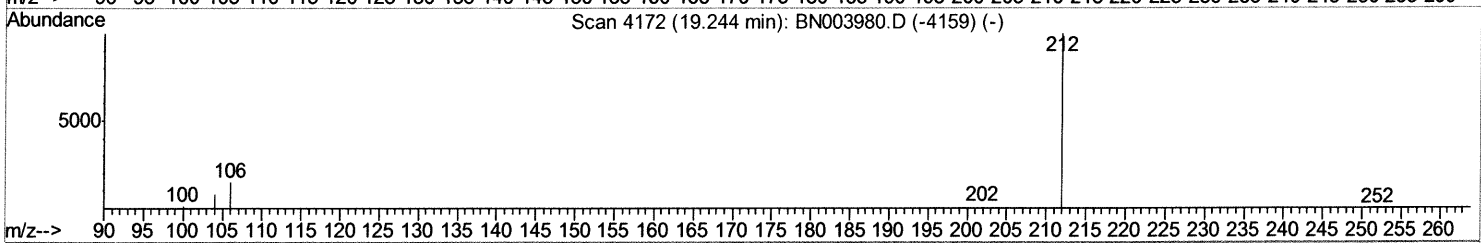
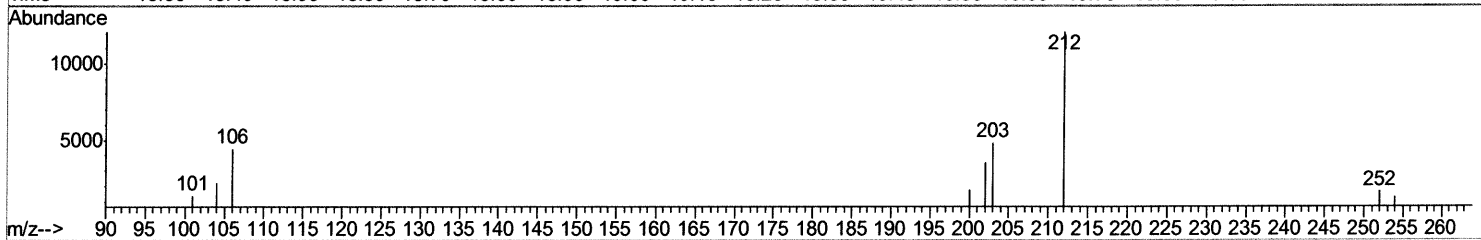
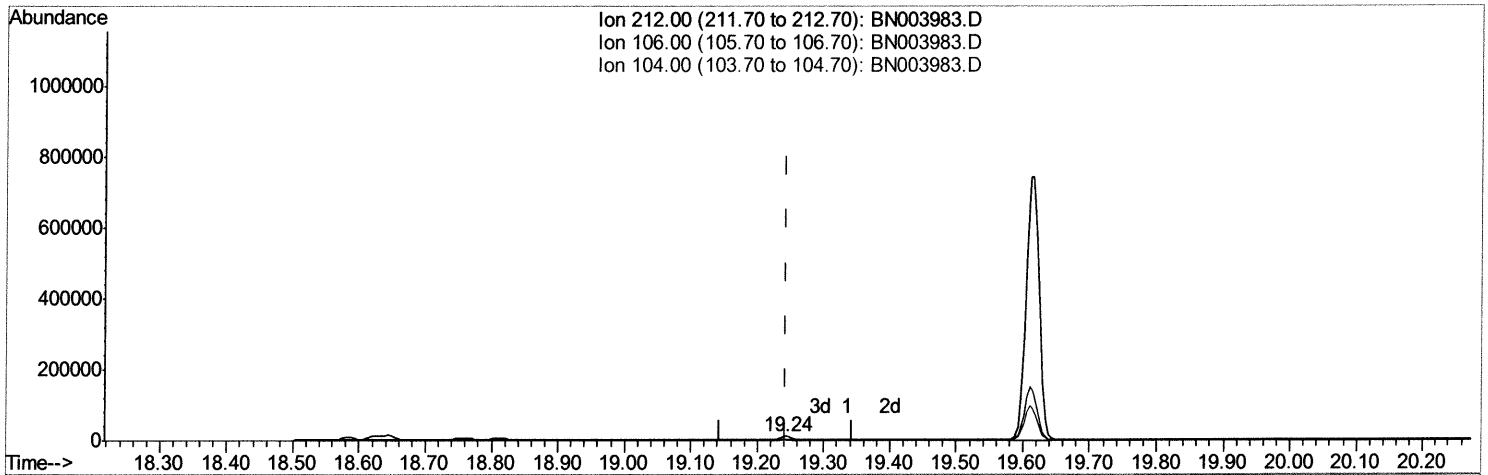
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(14) Fluoranthene-d10 (SURR)

19.244min (0.000) 0.27ng/ul m

SD 12/19/18

response 14514

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 14.20 | 0.48# |
| 104.00 | 8.00  | 4.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

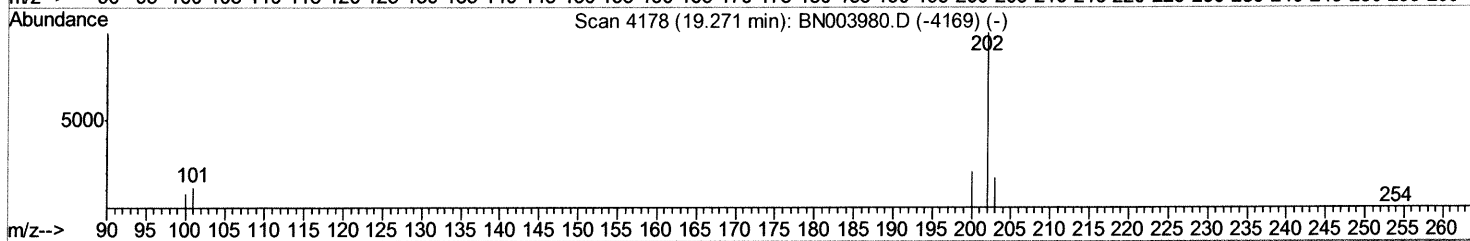
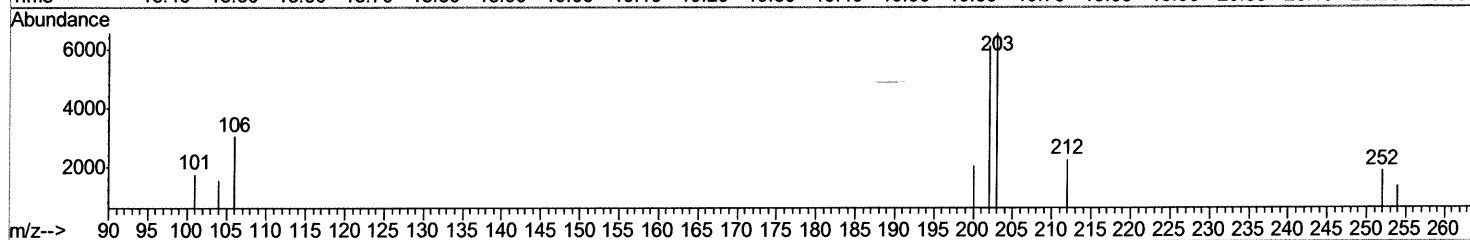
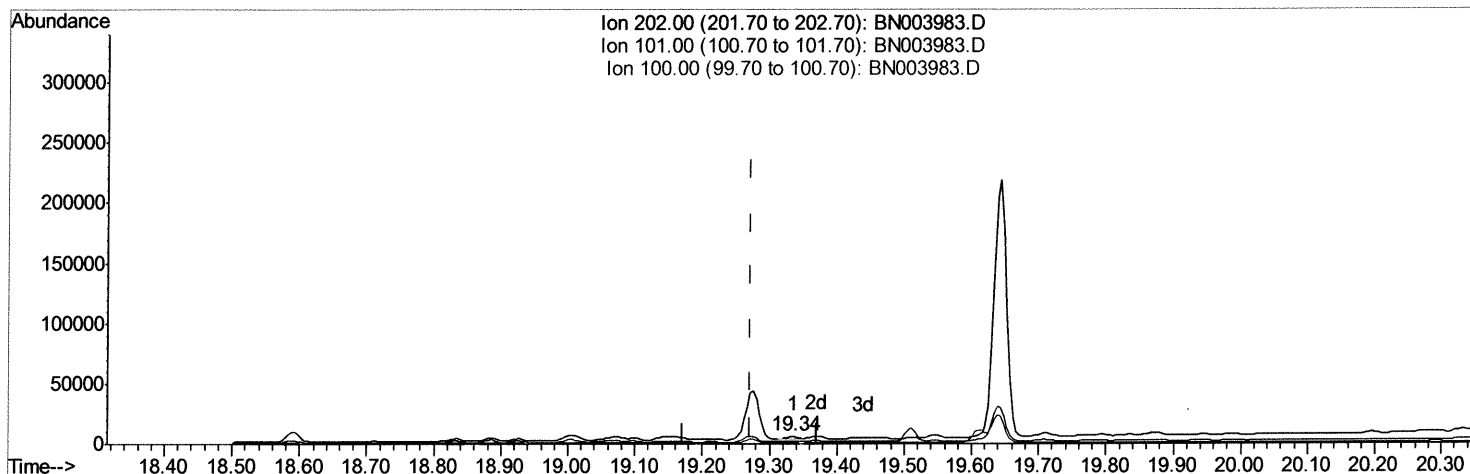
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(15) Fluoranthene (C)

19.336min (+0.065) 0.03ng/ul

response 2373

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 28.71 |
| 100.00 | 8.10  | 9.83  |
| 0.00   | 0.00  | 0.00  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

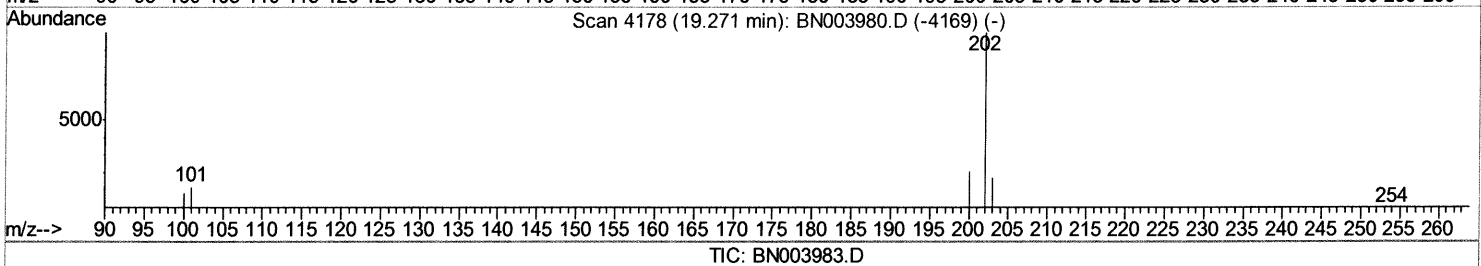
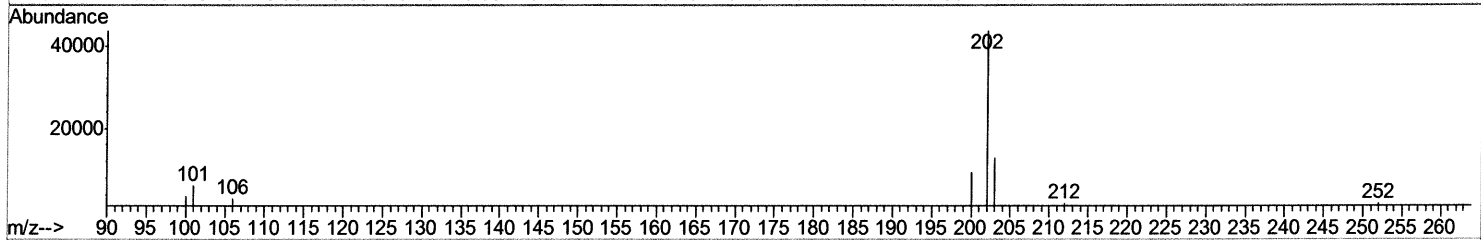
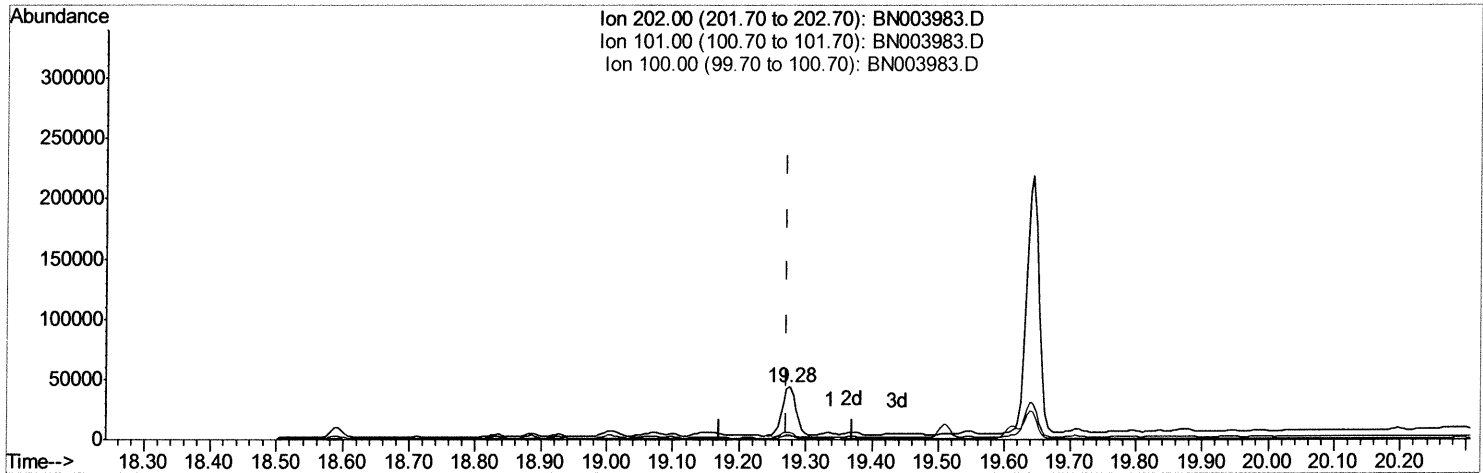
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (+0.005) 0.81ng/ul m

52 12/17/18

response 58336

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 14.26 |
| 100.00 | 8.10  | 8.60  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

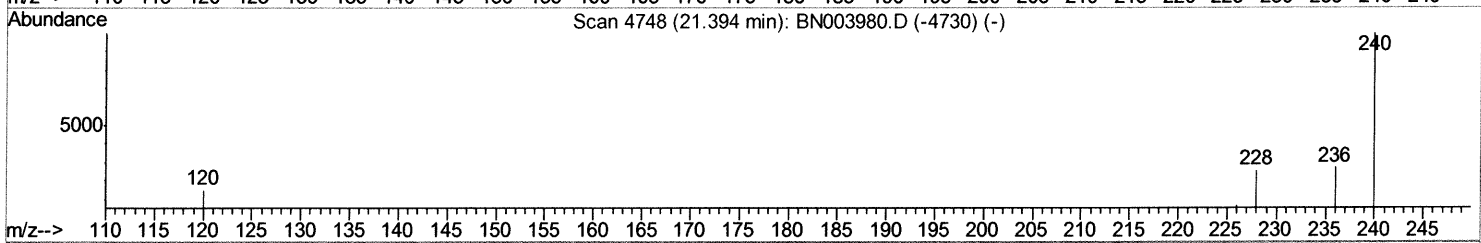
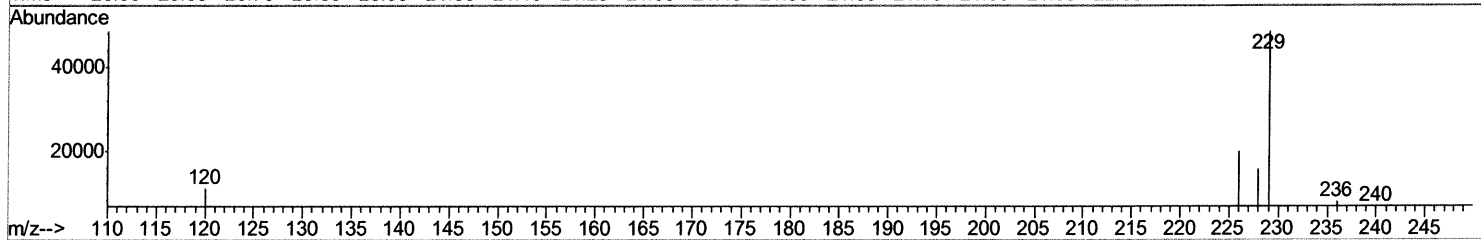
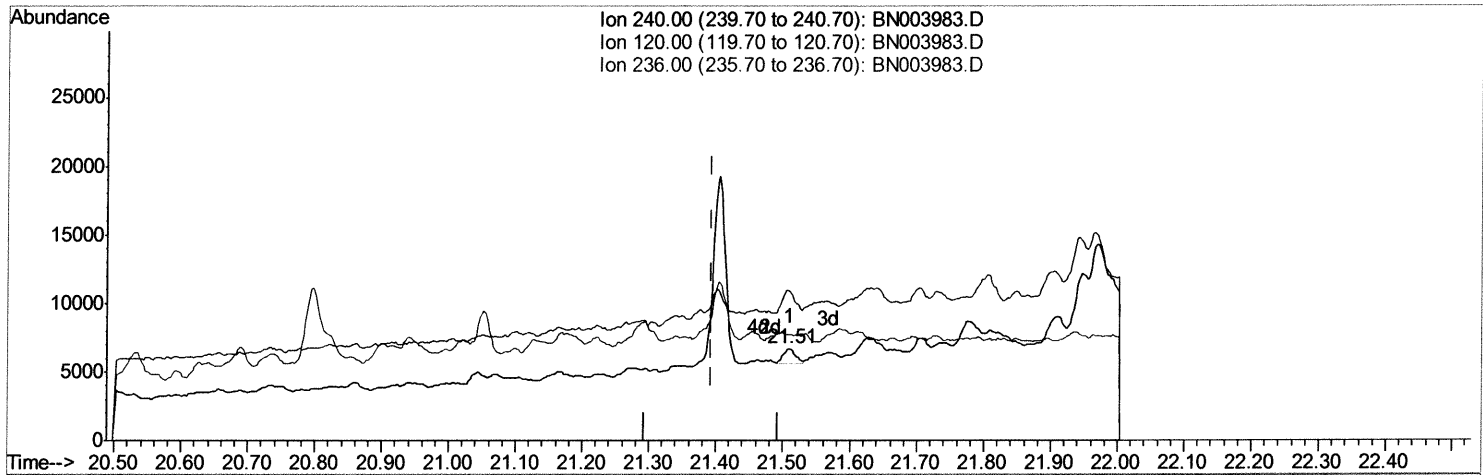
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(16) Chrysene-d12 (I)

21.511min (+0.117) 0.40ng/ul

response 1287

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 14.00 | 162.64# |
| 236.00 | 27.60 | 115.75# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

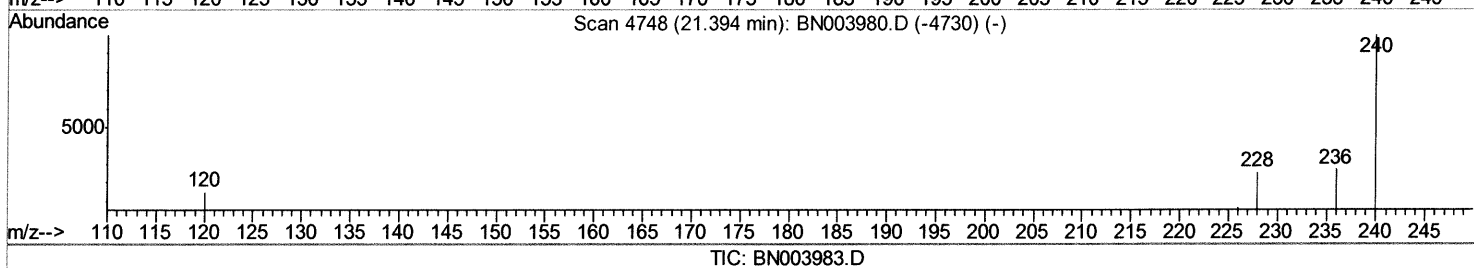
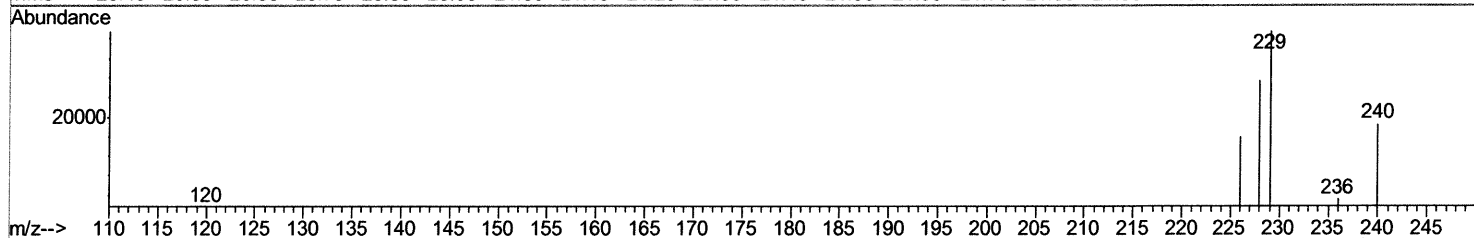
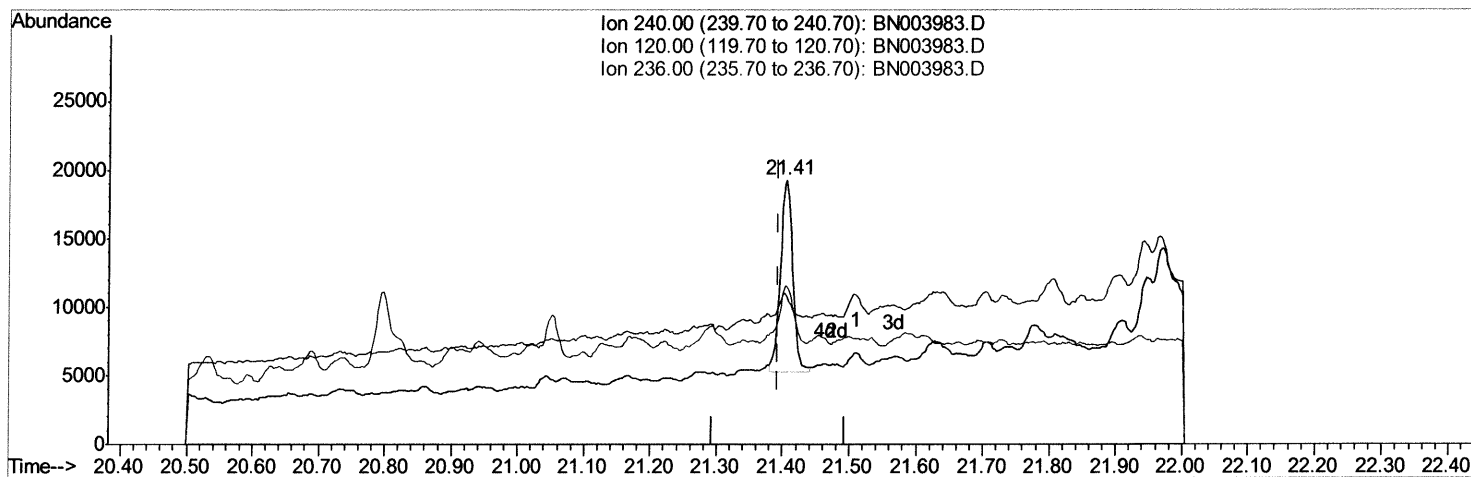
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:34:43 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 00:13:33 2018  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.405min (+0.012) 0.40ng/ul m

50 12/17/18

response 18107

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 14.00 | 56.36# |
| 236.00 | 27.60 | 60.11# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

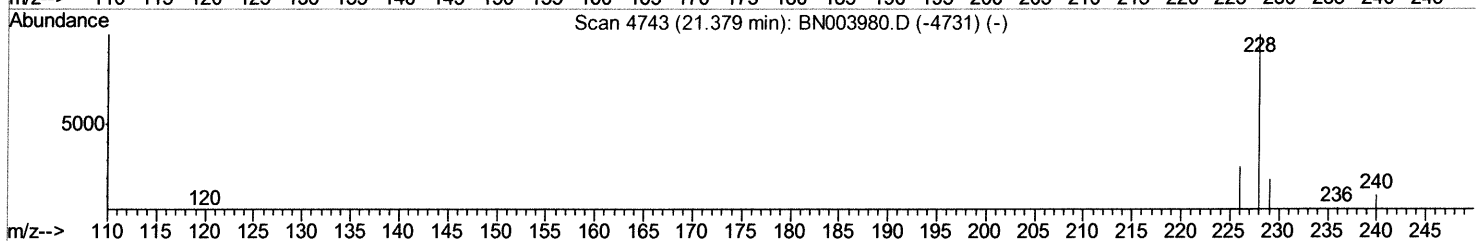
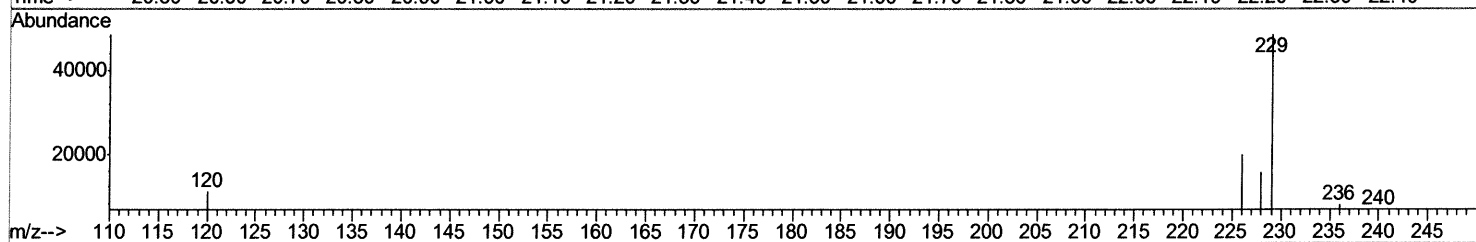
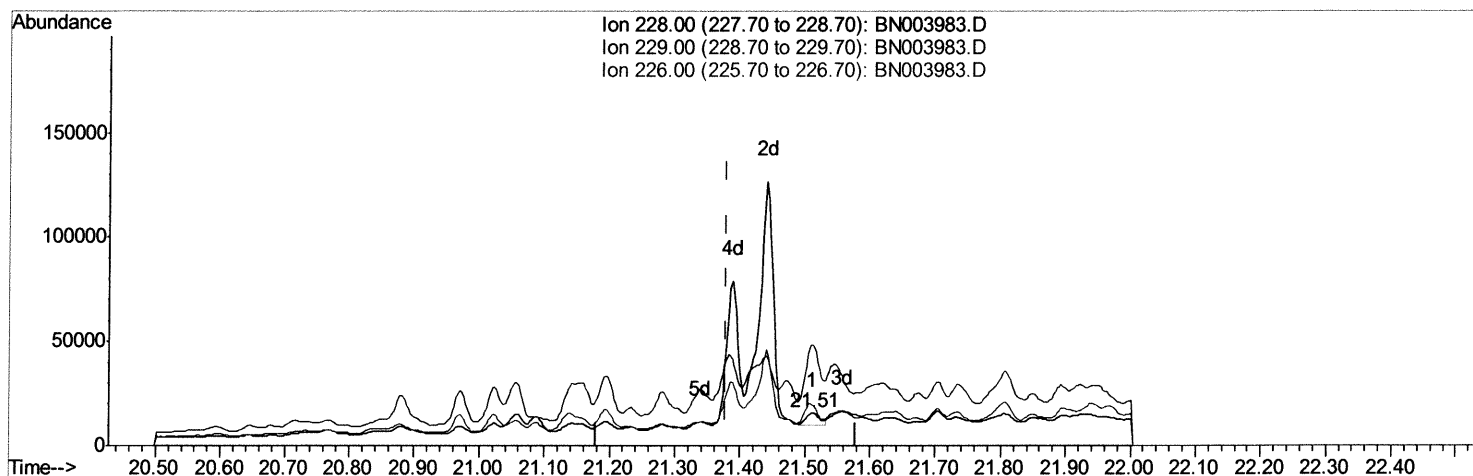
Data File : BN003983.D  
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Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:36:22 2018  
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QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(18) Benzo(a)anthracene  
21.511min (+0.131) 0.15ng/ul  
response 8372

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 229.00 | 19.50 | 311.56# |
| 226.00 | 26.40 | 127.43# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

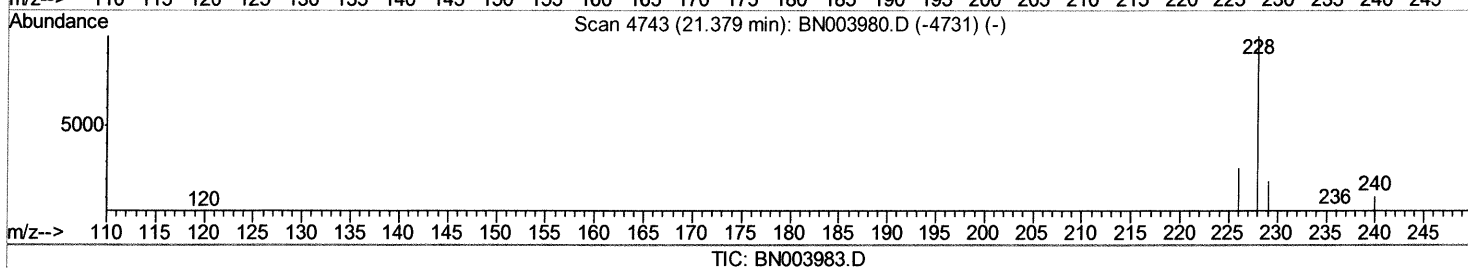
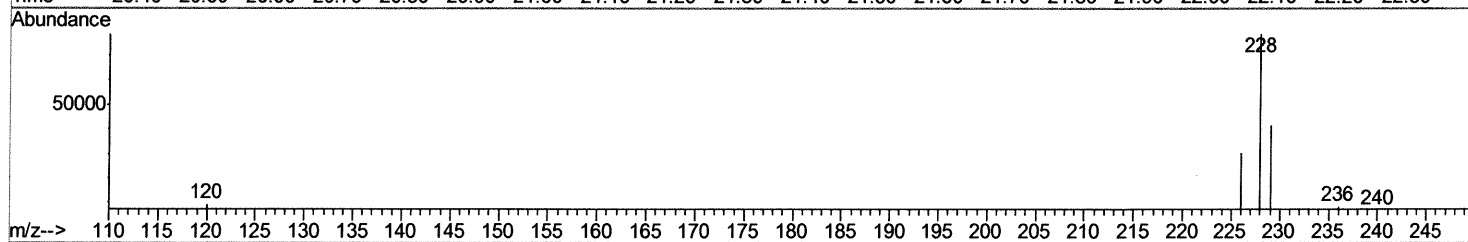
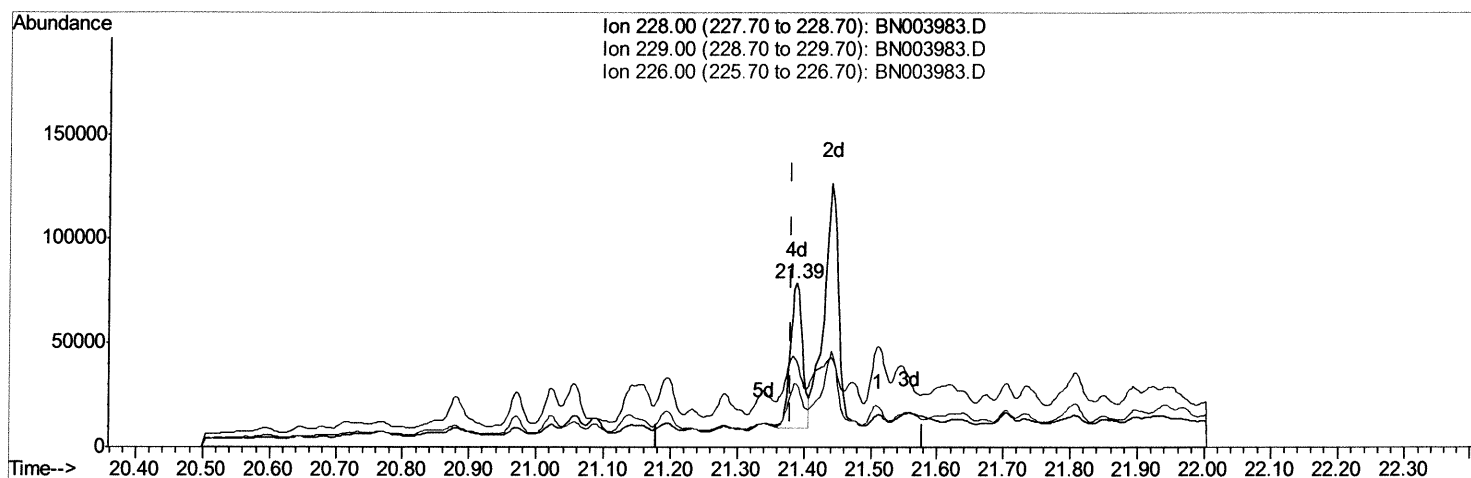
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Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

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(18) Benzo(a)anthracene

21.388min (+0.009) 1.54ng/ul m

SS 12/17/18

response 87966

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.50 | 52.85# |
| 226.00 | 26.40 | 38.60# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

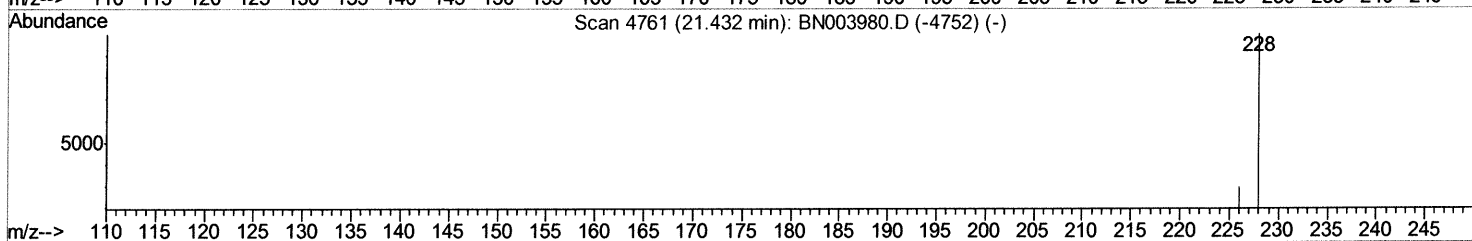
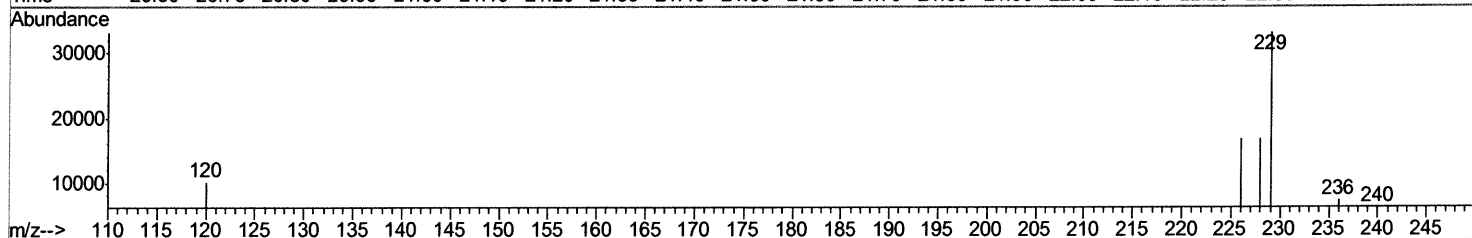
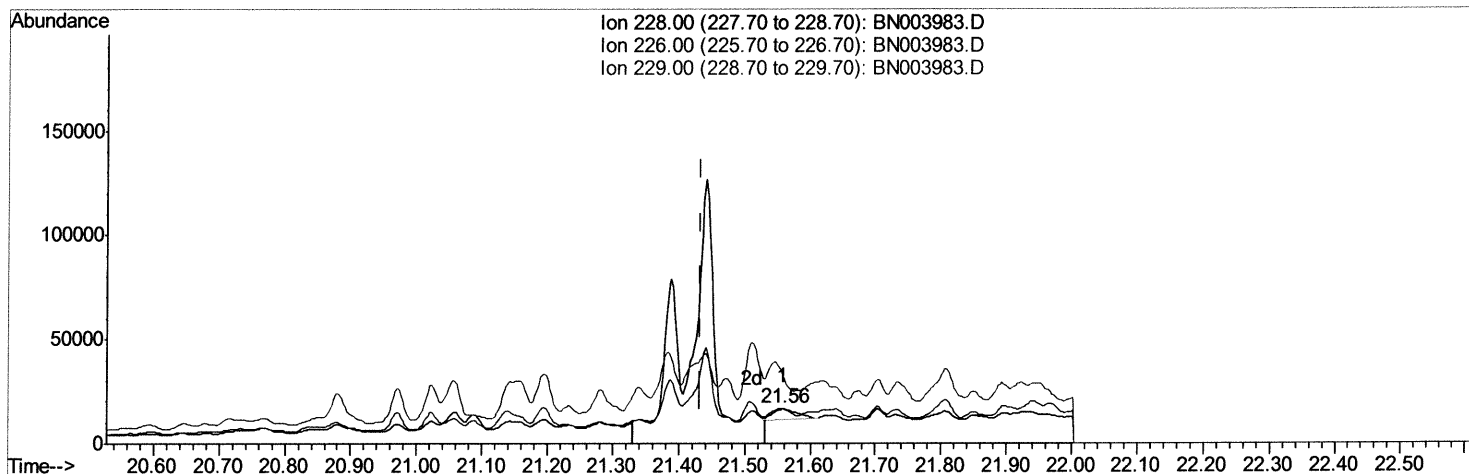
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:36:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(19) Chrysene

21.557min (+0.126) 0.22ng/ul

response 14553

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 226.00 | 30.00 | 100.43# |
| 229.00 | 19.60 | 198.66# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

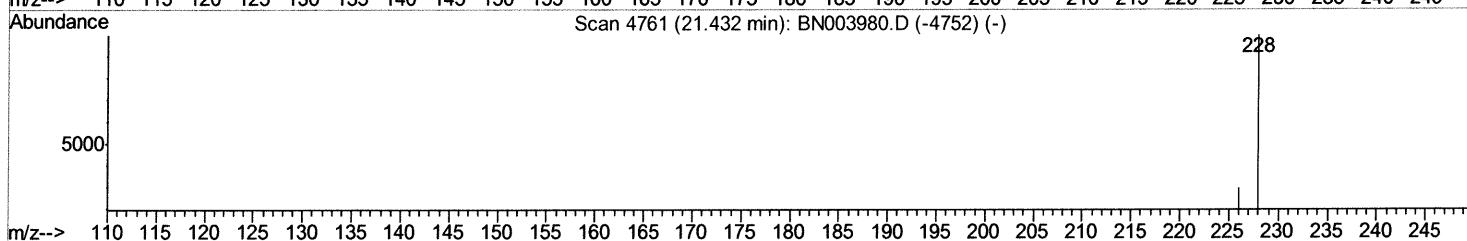
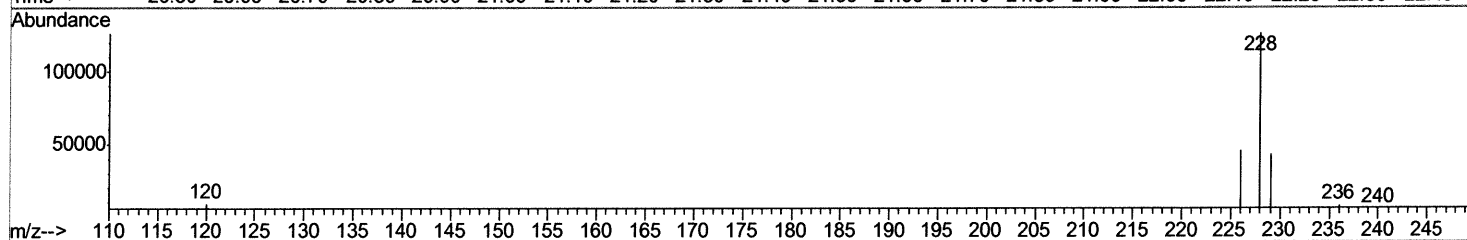
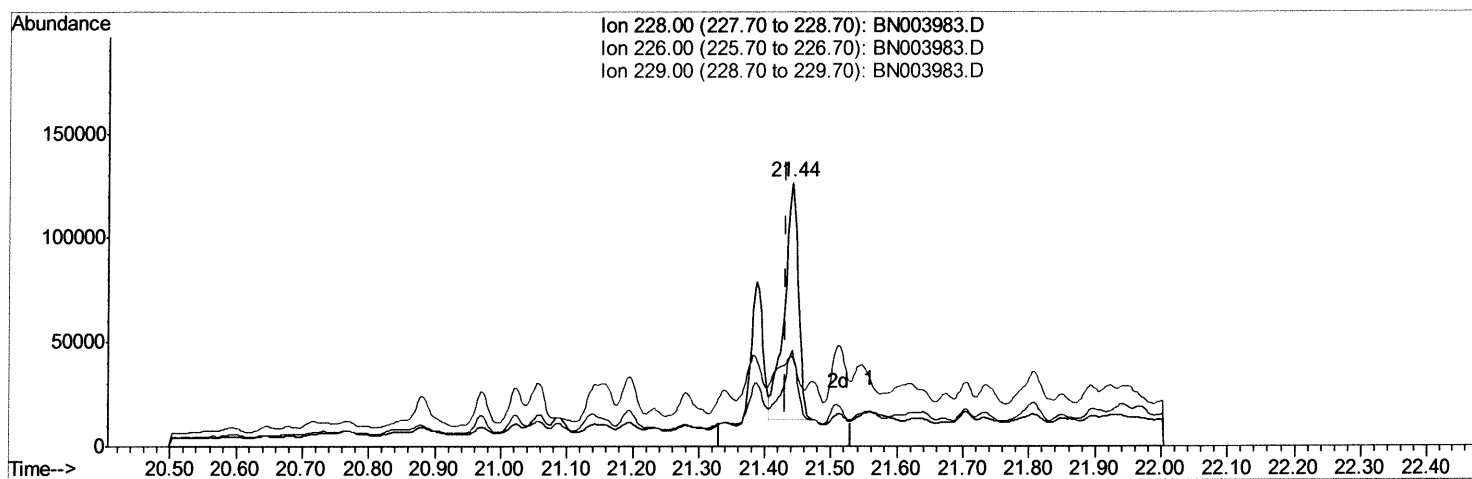
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:36:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(19) Chrysene

21.441min (+0.009) 2.56ng/ul m

SJ 12/17/18

response 167487

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.00 | 36.16# |
| 229.00 | 19.60 | 34.19# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

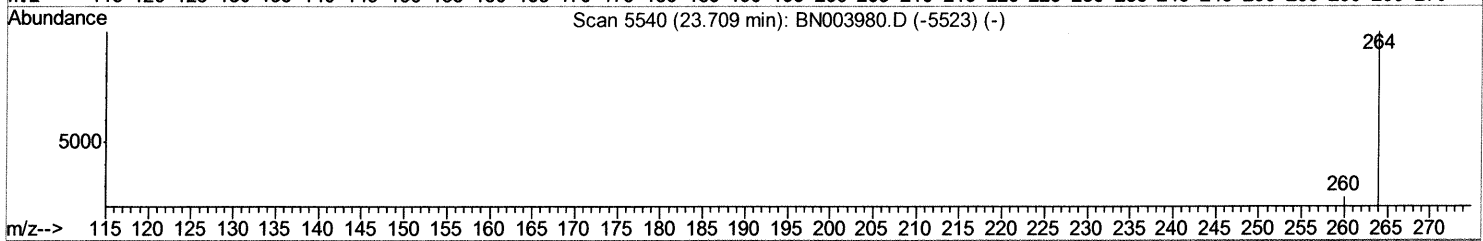
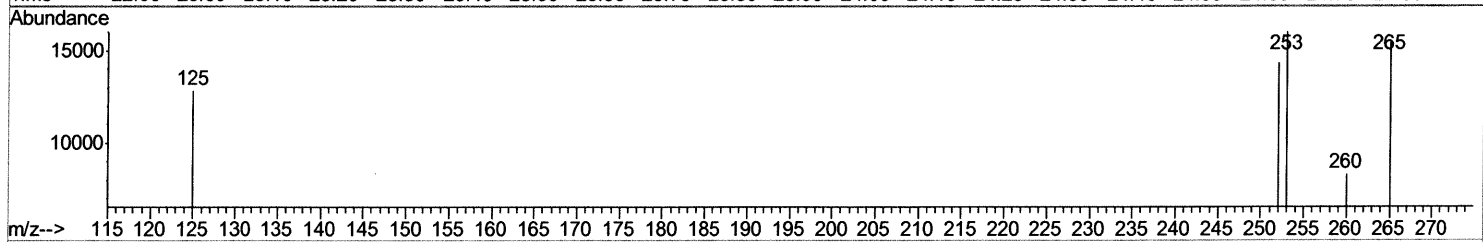
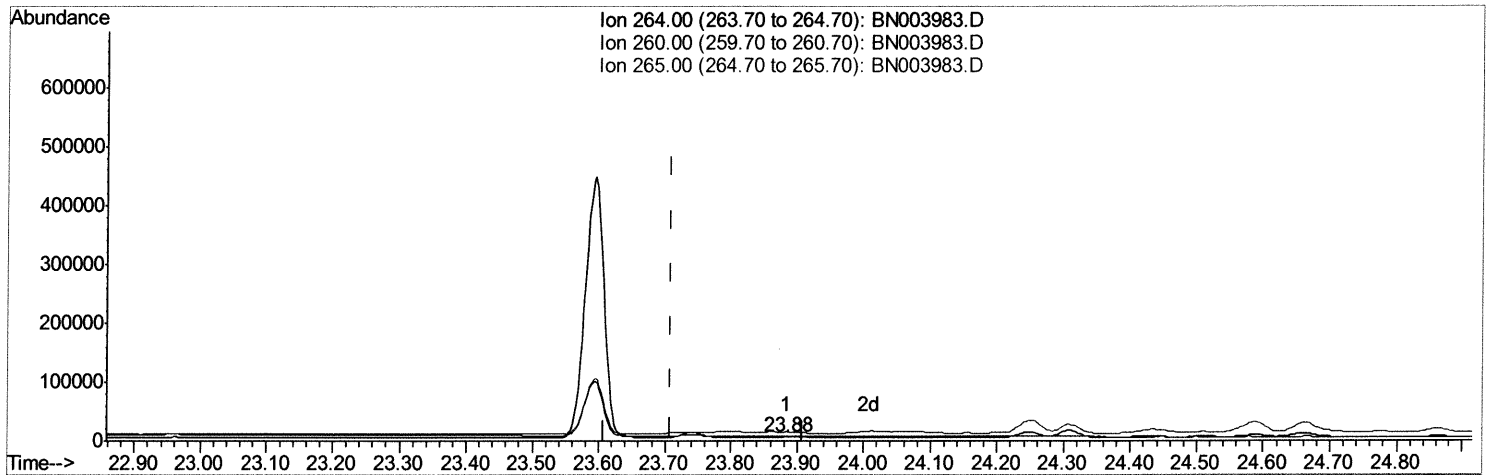
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:36:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(20) Perylene-d12 (I)  
23.884min (+0.175) 0.40ng/ul  
response 674

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 264.00 | 100   | 100     |
| 260.00 | 26.20 | 127.15# |
| 265.00 | 33.50 | 235.09# |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

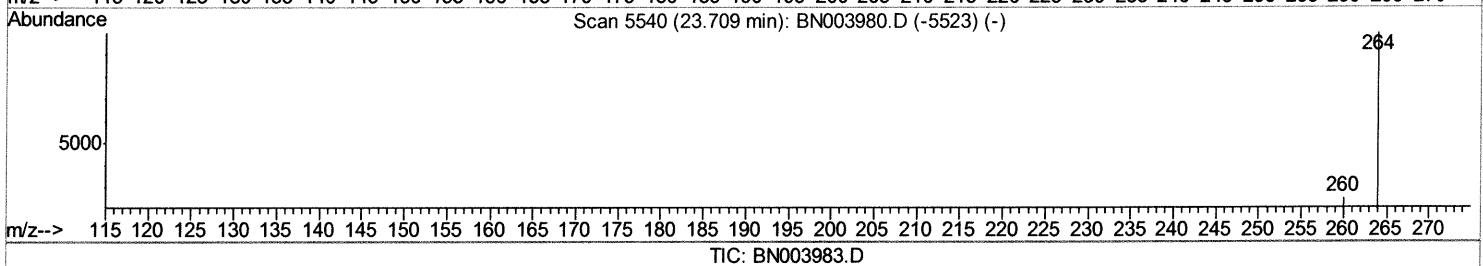
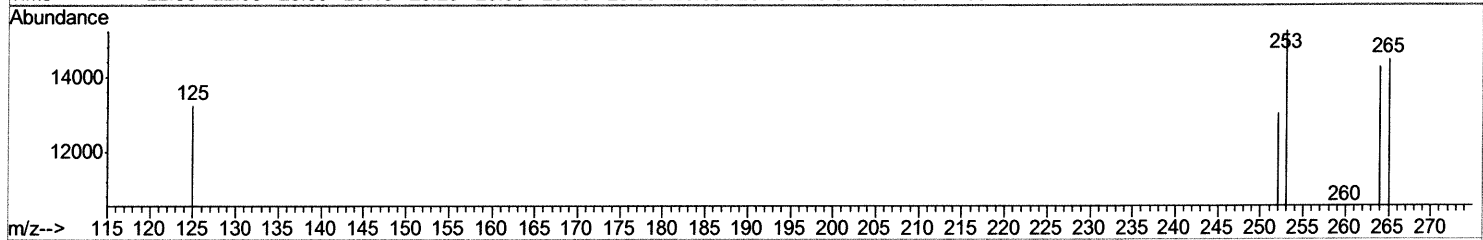
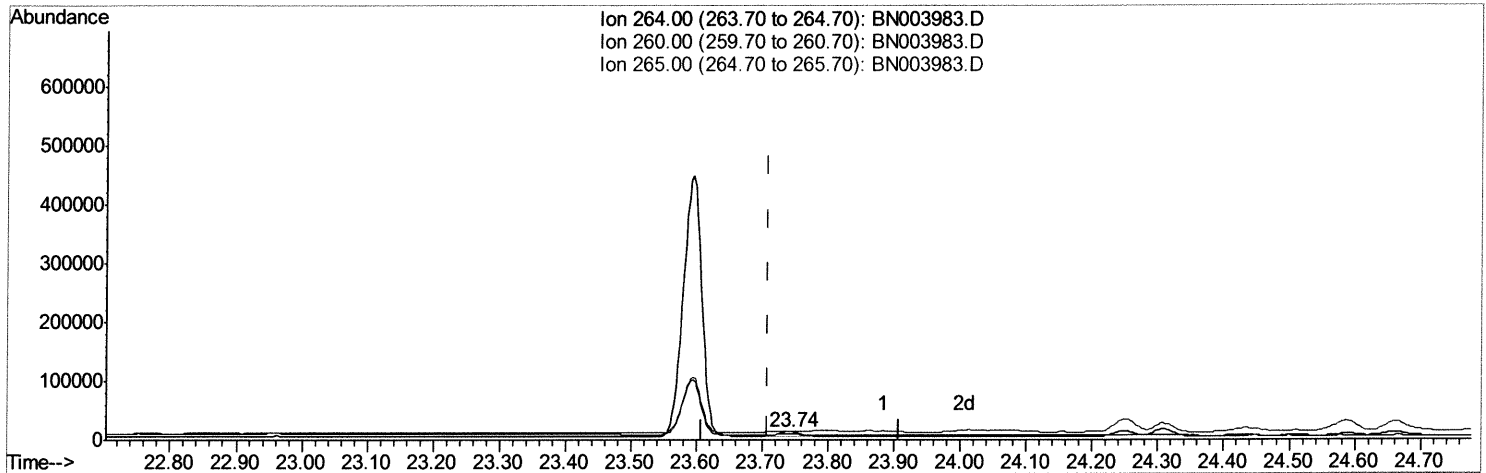
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:36:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.744min (+0.035) 0.40ng/ul m *SJ 12/17/18*

response 16062

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 264.00 | 100   | 100     |
| 260.00 | 26.20 | 73.95#  |
| 265.00 | 33.50 | 101.46# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

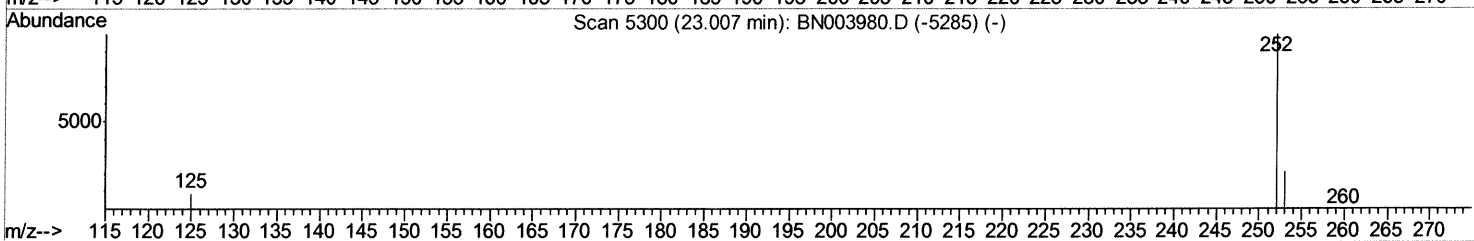
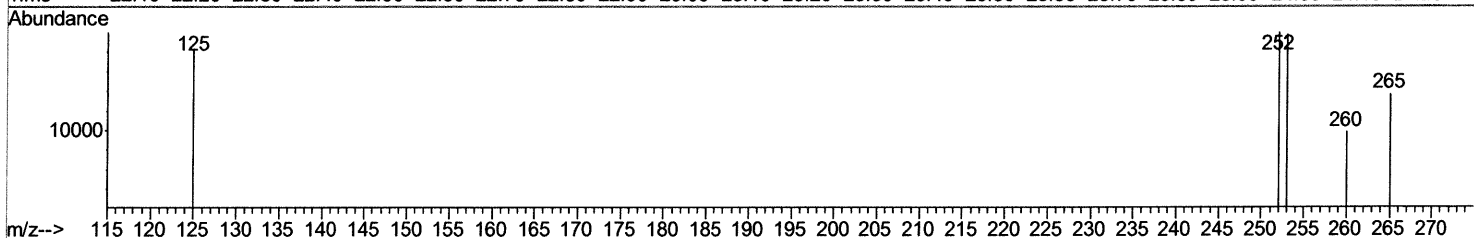
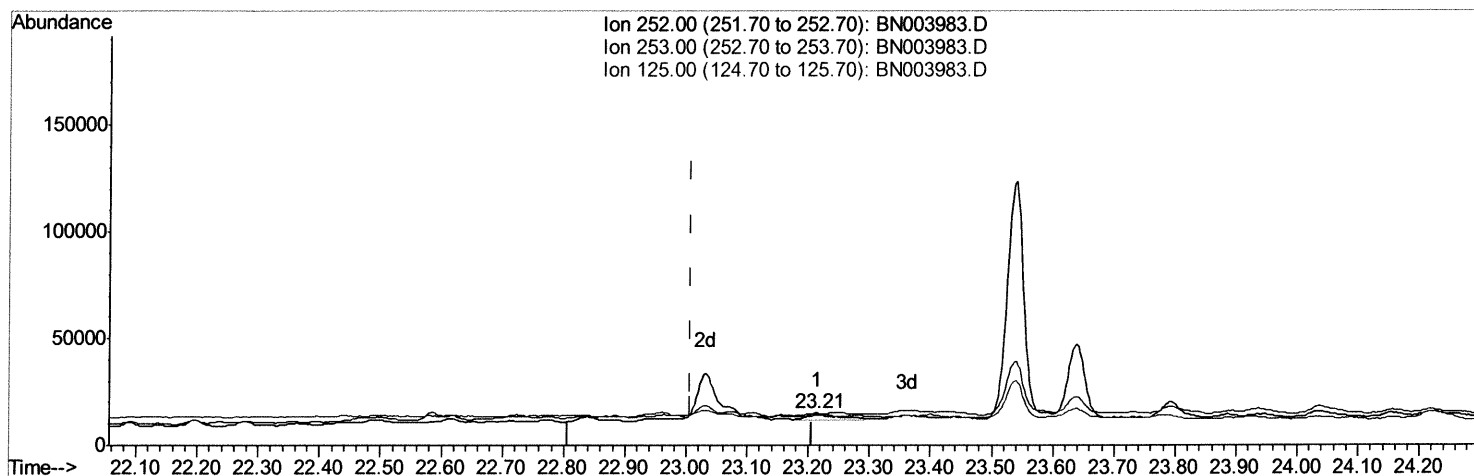
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(21) Benzo(b)fluoranthene  
23.215min (+0.208) 0.12ng/ul  
response 8302

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.00 | 99.29# |
| 125.00 | 11.20 | 94.30# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

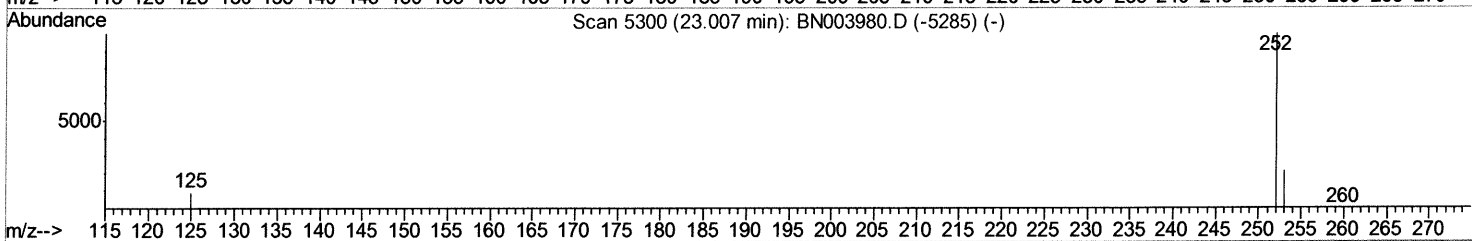
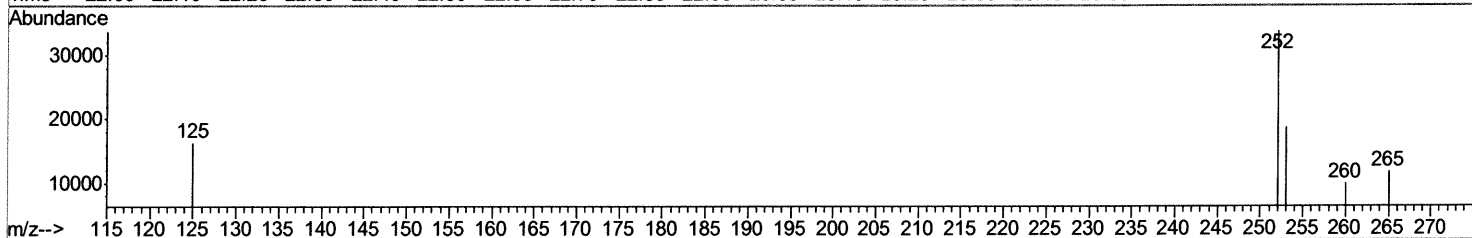
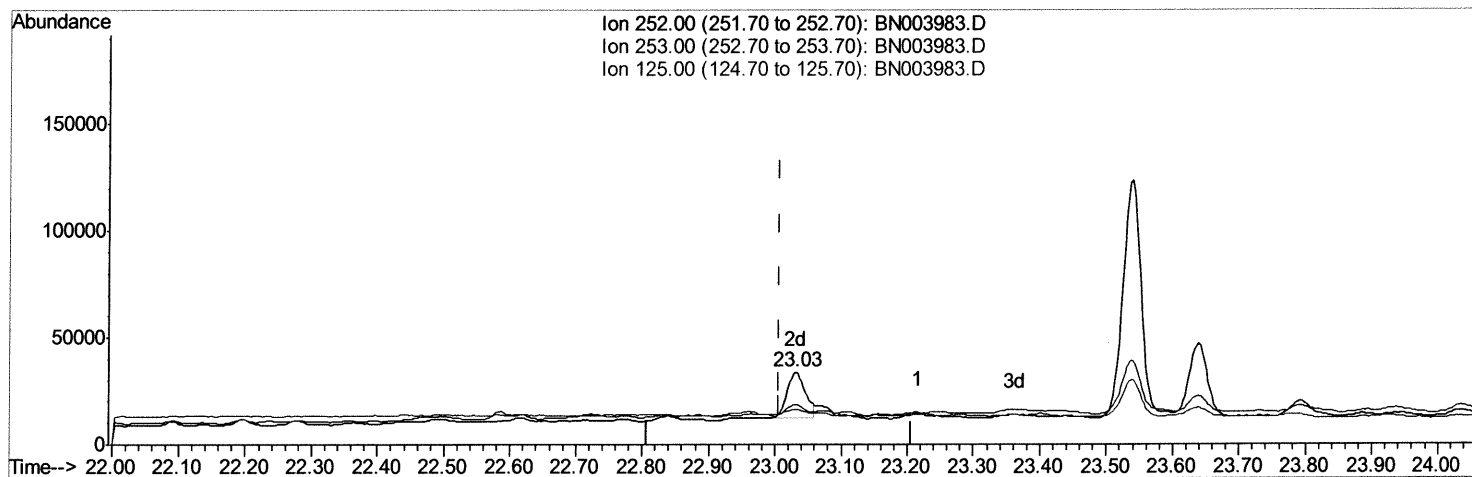
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(21) Benzo(b)fluoranthene

23.030min (+0.023) 0.61ng/ul m

SJ 12/17/18

response 40347

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.00 | 55.61# |
| 125.00 | 11.20 | 48.45# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

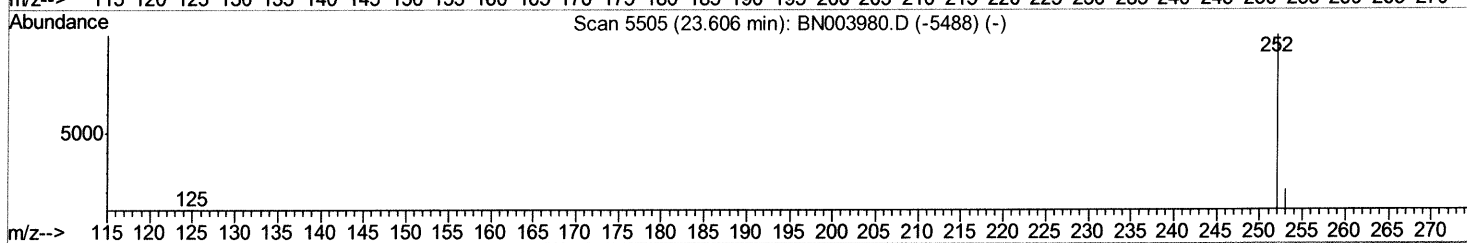
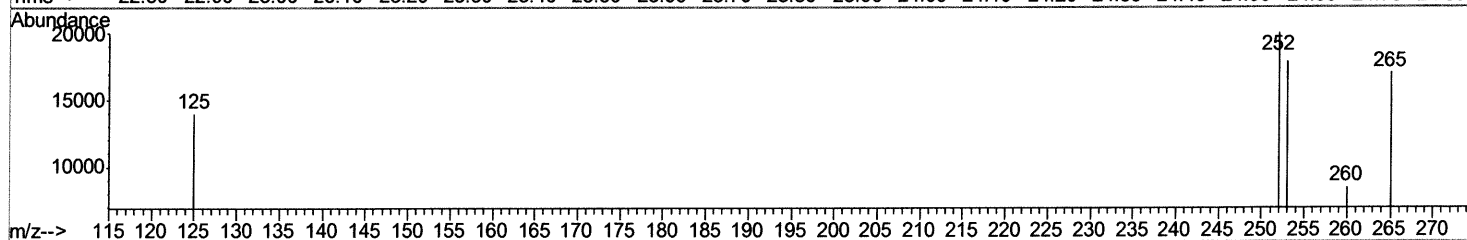
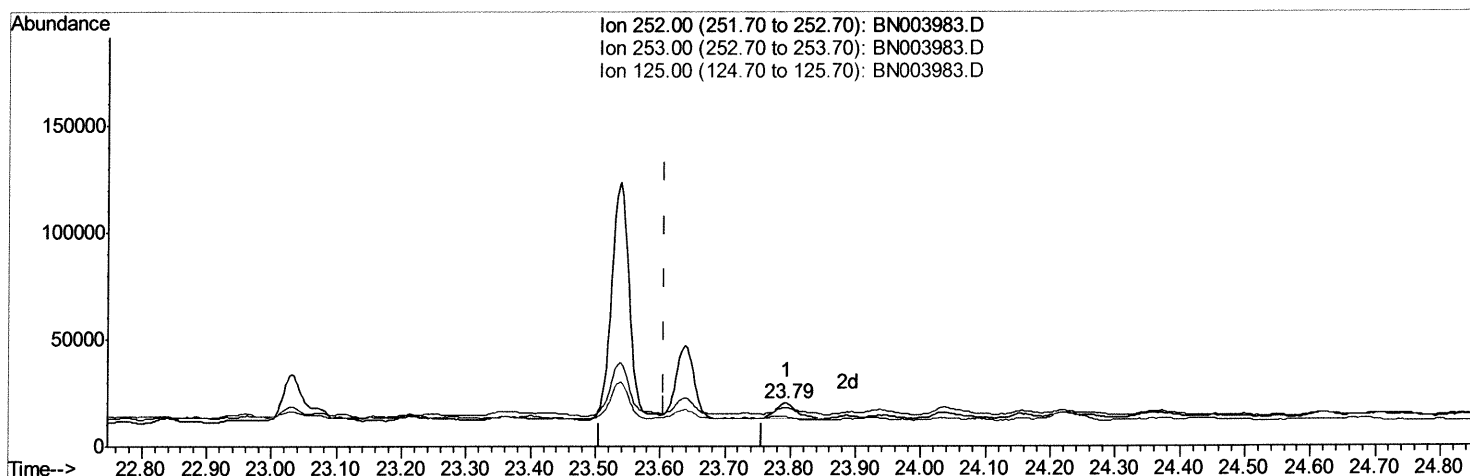
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(23) Benzo(a)pyrene (C)  
23.794min (+0.187) 0.28ng/ul  
response 16375

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.70 | 89.46# |
| 125.00 | 12.80 | 70.00# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

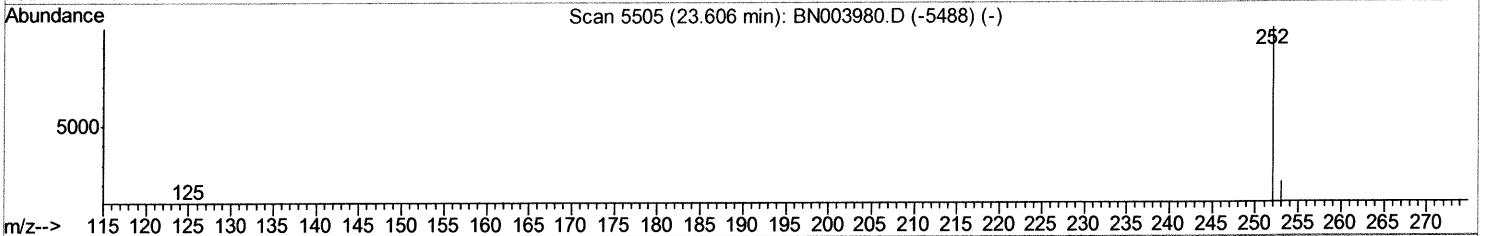
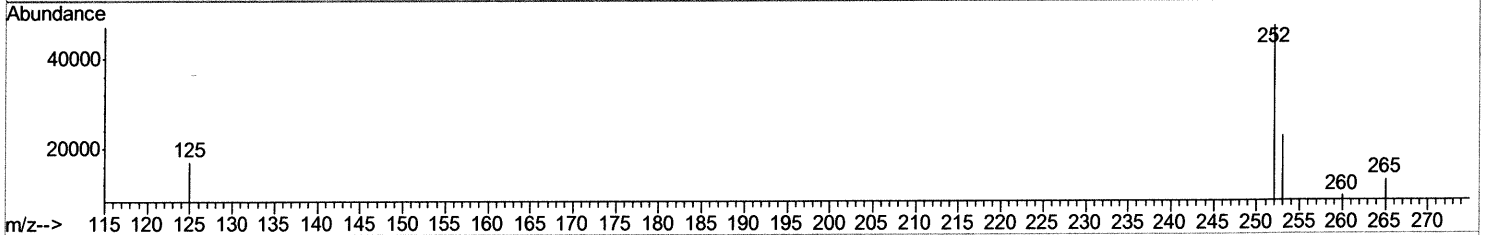
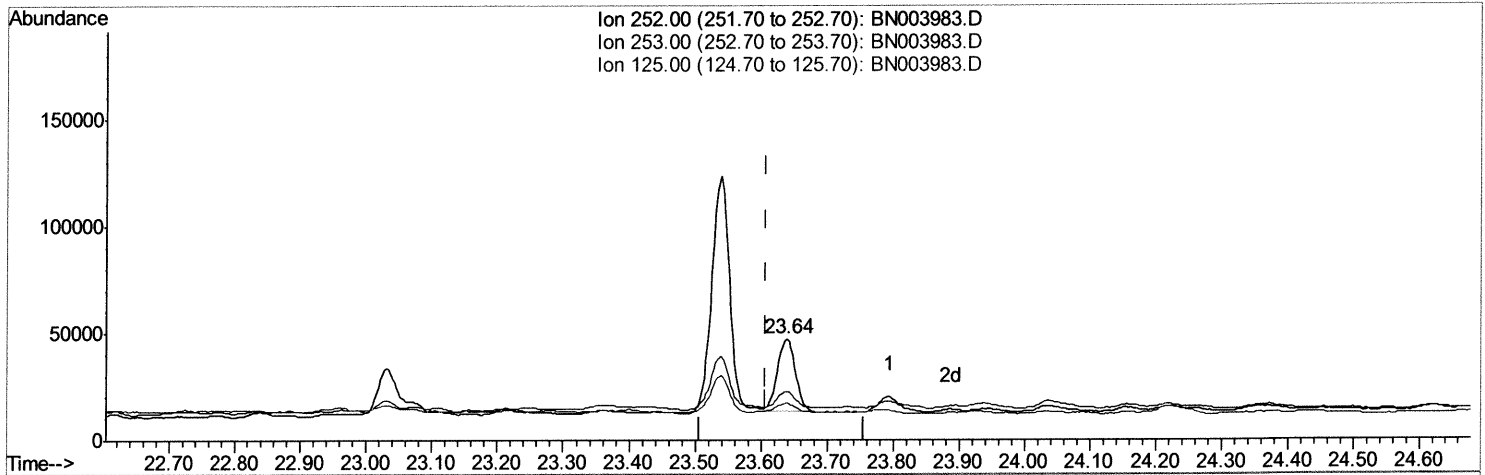
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(23) Benzo(a)pyrene (C)

23.639min (+0.032) 1.09ng/ul m

SJ 12/17/18

response 62936

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.70 | 47.86# |
| 125.00 | 12.80 | 36.35# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

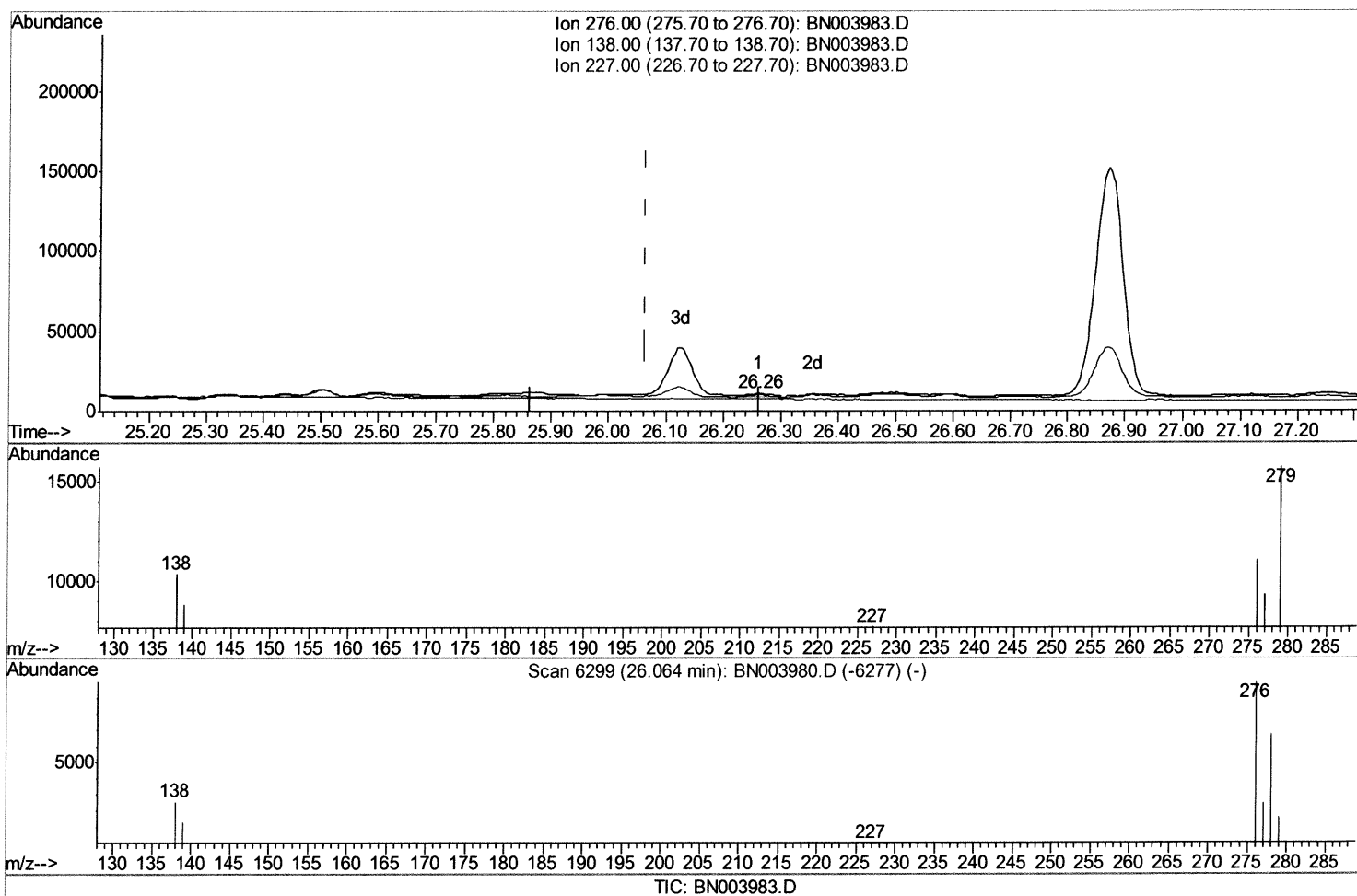
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



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

26.262min (+0.198) 0.06ng/ul

response 4187

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 25.40 | 97.42# |
| 227.00 | 0.20  | 21.71# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

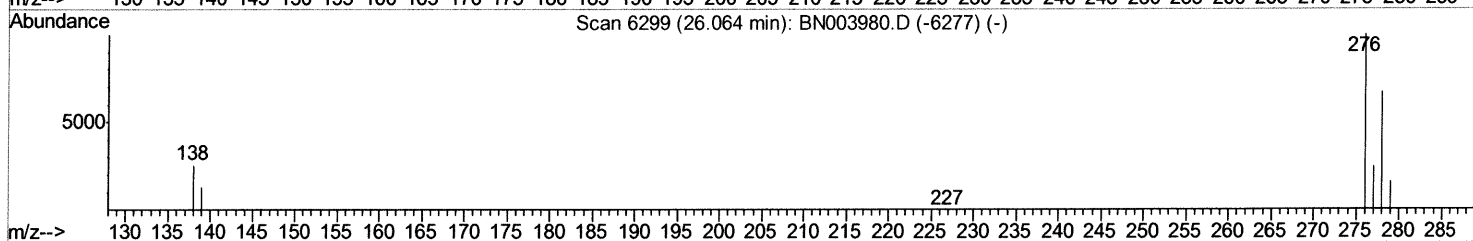
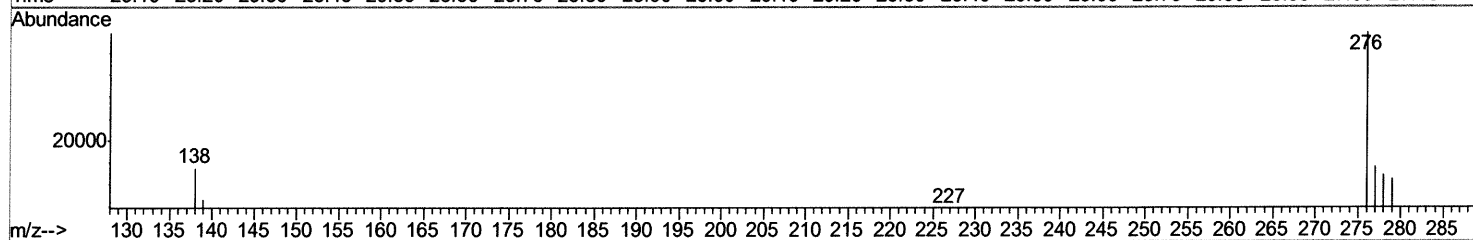
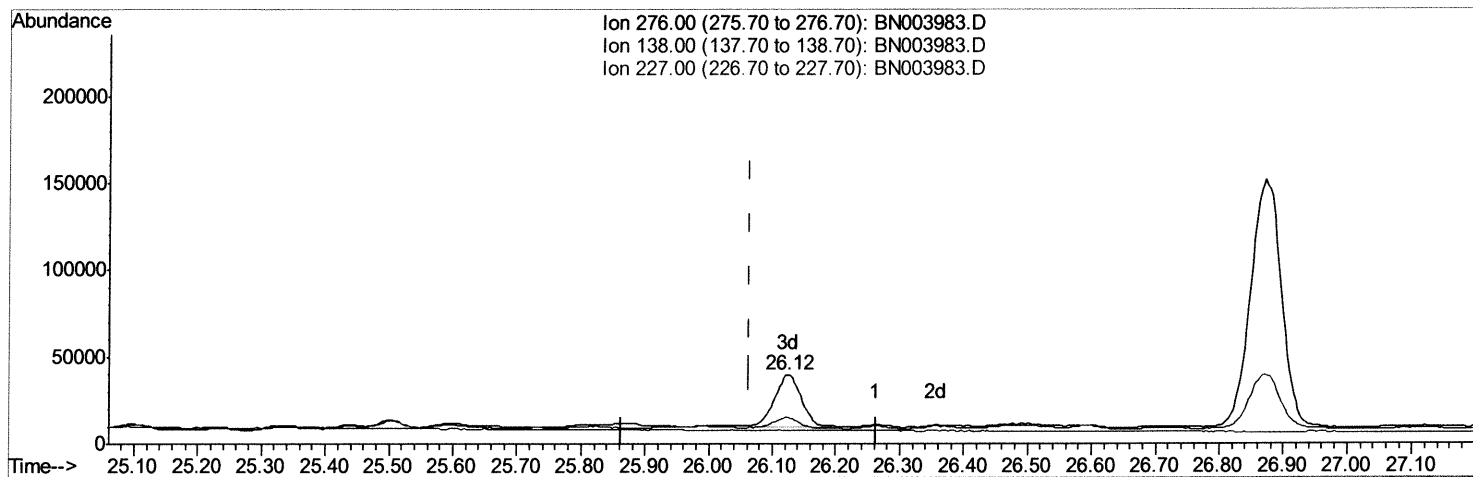
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

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

26.124min (+0.060) 1.32ng/ul m

SD 12/12/18

response 87135

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 25.40 | 4.68# |
| 227.00 | 0.20  | 1.04# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

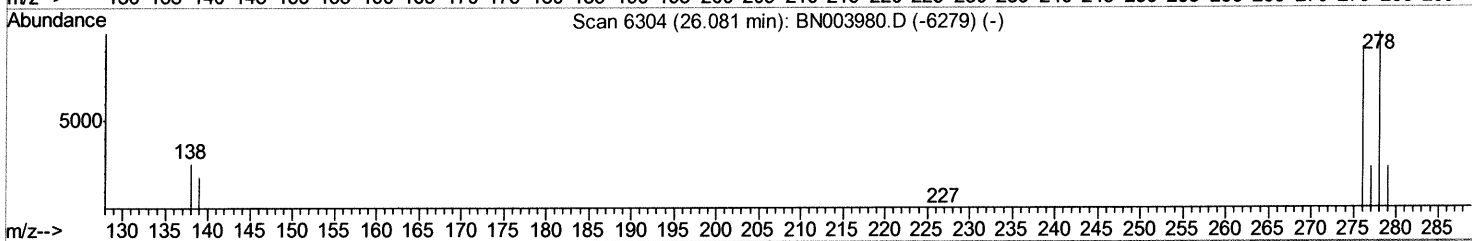
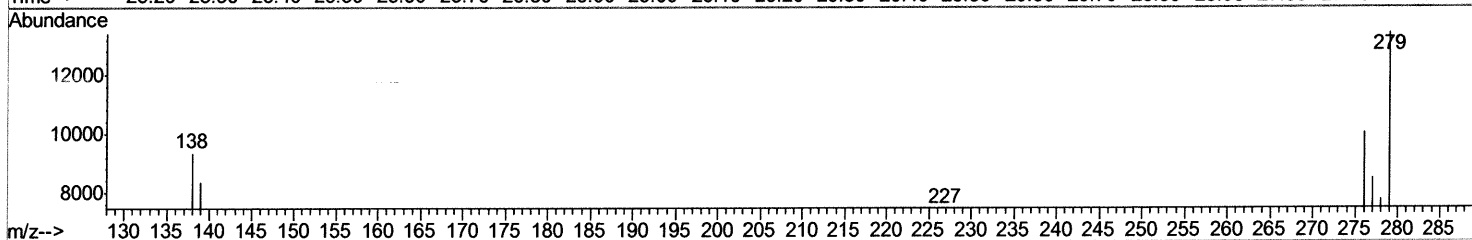
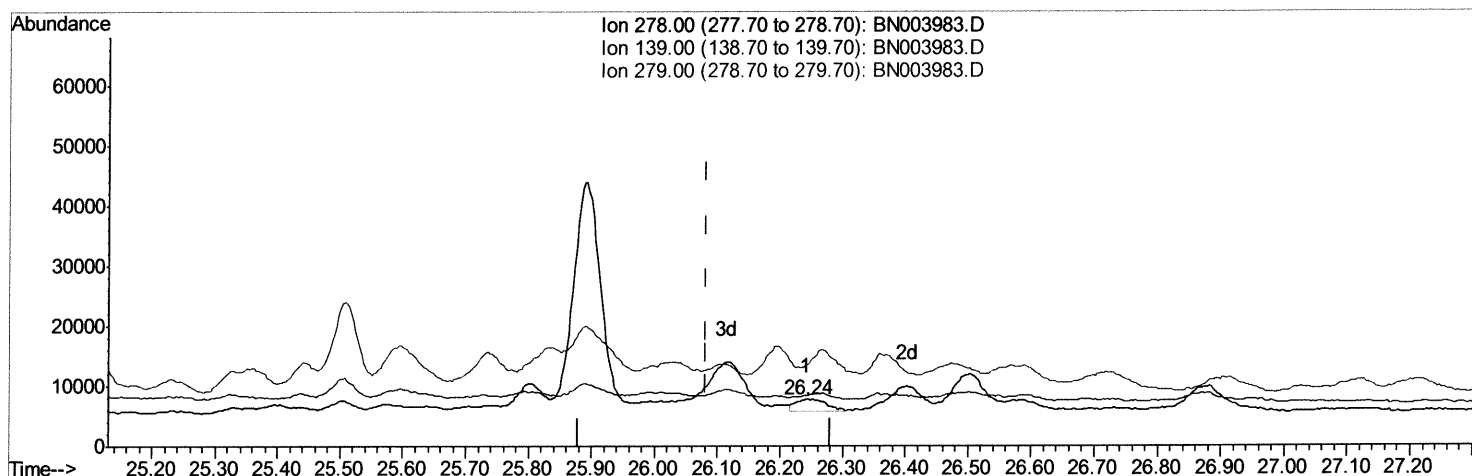
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(25) Dibenzo(a,h)anthracene

26.241min (+0.161) 0.12ng/ul

response 6479

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 278.00 | 100   | 100     |
| 139.00 | 17.80 | 107.59# |
| 279.00 | 24.70 | 172.73# |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (Qedit)

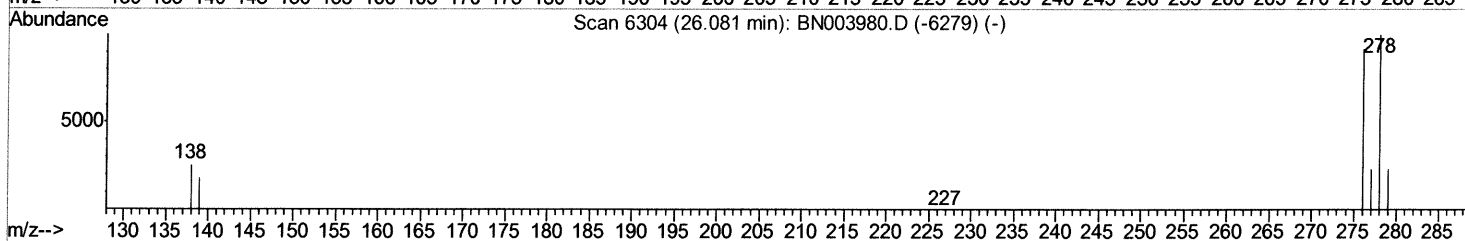
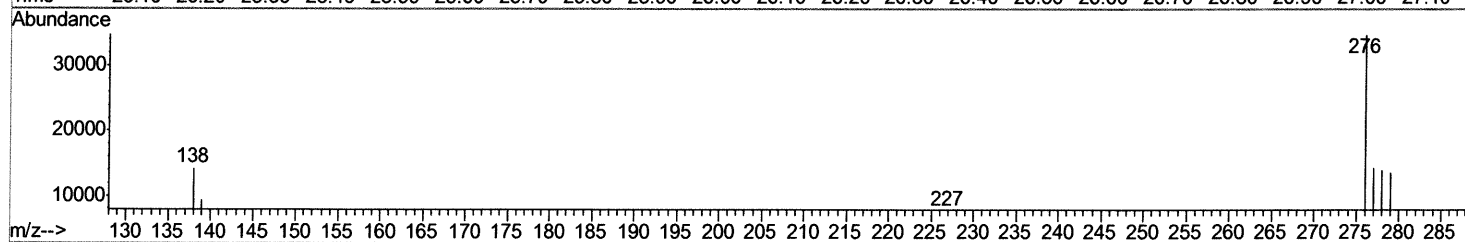
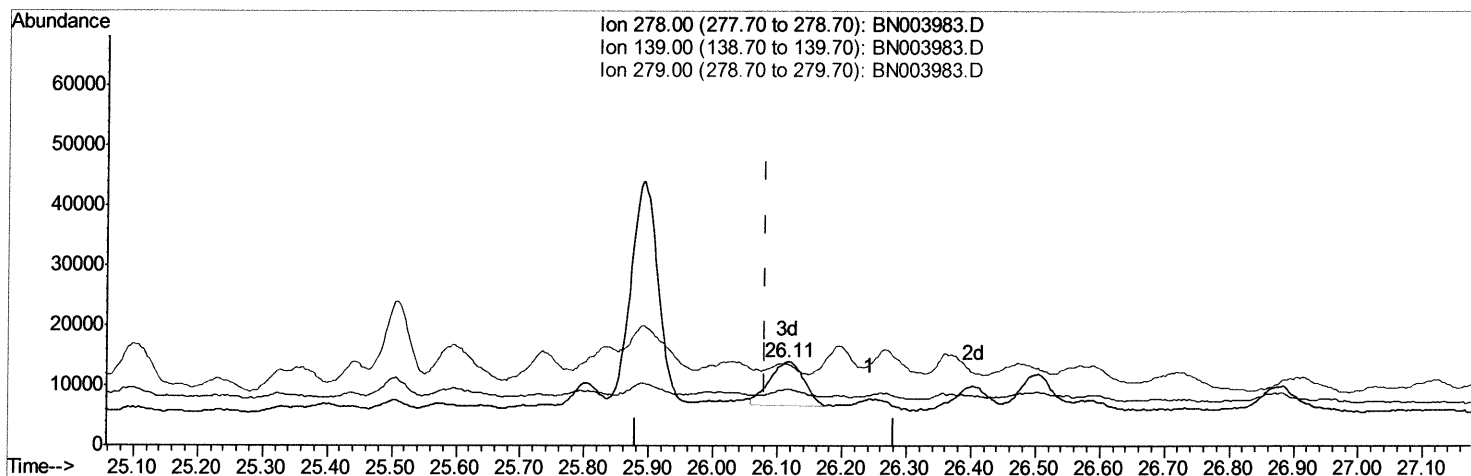
Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:37:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration



TIC: BN003983.D

(25) Dibenzo(a,h)anthracene

26.114min (+0.034) 0.51ng/ul m

SJ 12/17/18

response 26818

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 17.80 | 66.76# |
| 279.00 | 24.70 | 97.51# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121518\  
Quantitation Report (QT Reviewed)

Data File : BN003983.D  
Acq On : 16 Dec 2018 06:30  
Operator : JU/SJ  
Sample : J6171-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9Y26

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:24:15 PM

Quant Time: Dec 17 00:38:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 00:13:33 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 2720     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.63 | 136  | 12333    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.47 | 164  | 7976     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.22 | 188  | 18470m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.41 | 240  | 18107m   | 0.40 | ng/ul | 0.01     |
| 20) Perylene-d12          | 23.74 | 264  | 16062m   | 0.40 | ng/ul | 0.04     |

|                             |       |     |        |      |       |      |
|-----------------------------|-------|-----|--------|------|-------|------|
| System Monitoring Compounds |       |     |        |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152 | 4587   | 0.24 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.24 | 212 | 14514m | 0.27 | ng/ul | 0.00 |

| Target Compounds           |       |     |         |              | Qvalue |
|----------------------------|-------|-----|---------|--------------|--------|
| 3) Naphthalene             | 10.68 | 128 | 17147   | 0.495 ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 12.29 | 142 | 33366   | 1.379 ng/ul  | 100    |
| 7) Acenaphthylene          | 14.19 | 152 | 1974    | 0.055 ng/ul# | 61     |
| 8) Acenaphthene            | 14.54 | 153 | 2384    | 0.076 ng/ul  | 93     |
| 9) Fluorene                | 15.52 | 166 | 4940    | 0.135 ng/ul# | 95     |
| 12) Phenanthrene           | 17.26 | 178 | 331547  | 5.469 ng/ul  | 99     |
| 13) Anthracene             | 17.35 | 178 | 29458m  | 0.591 ng/ul  |        |
| 15) Fluoranthene           | 19.28 | 202 | 58336m  | 0.815 ng/ul  |        |
| 17) Pyrene                 | 19.64 | 202 | 284857  | 4.386 ng/ul  | 98     |
| 18) Benzo(a)anthracene     | 21.39 | 228 | 87966m  | 1.538 ng/ul  |        |
| 19) Chrysene               | 21.44 | 228 | 167487m | 2.559 ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 23.03 | 252 | 40347m  | 0.607 ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.64 | 252 | 62936m  | 1.094 ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 26.12 | 276 | 87135m  | 1.321 ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 26.11 | 278 | 26818m  | 0.505 ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.87 | 276 | 478187  | 8.339 ng/ul  | 93     |

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

50  
12/17/18