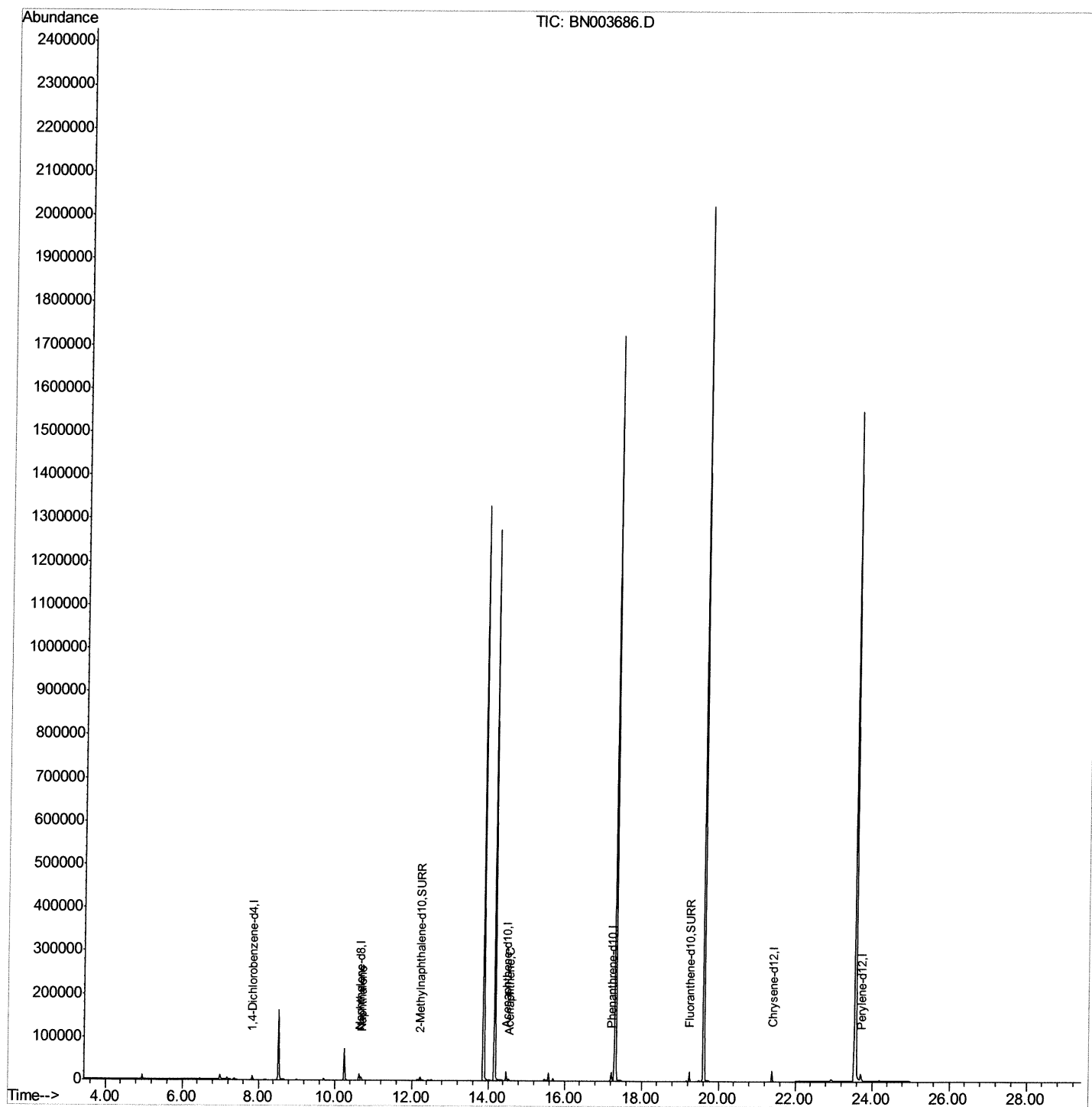


Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (QT Reviewed)  
Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

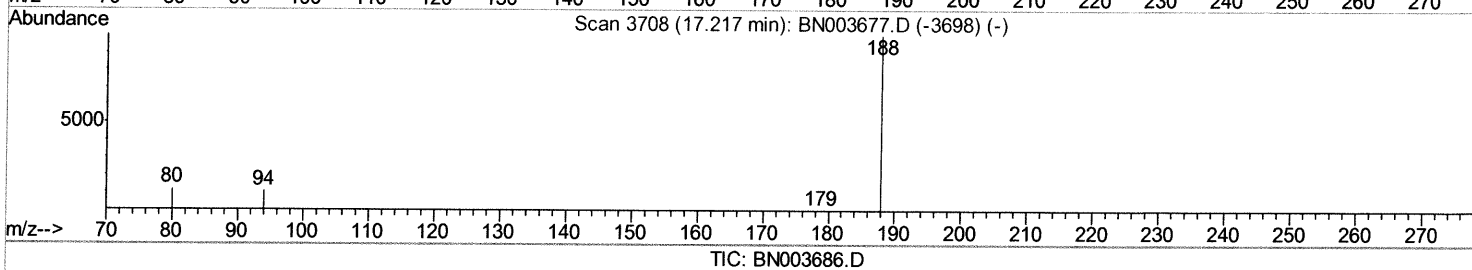
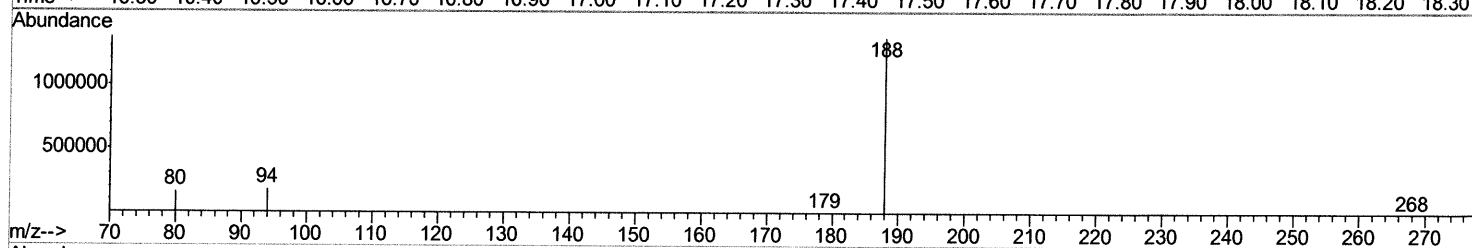
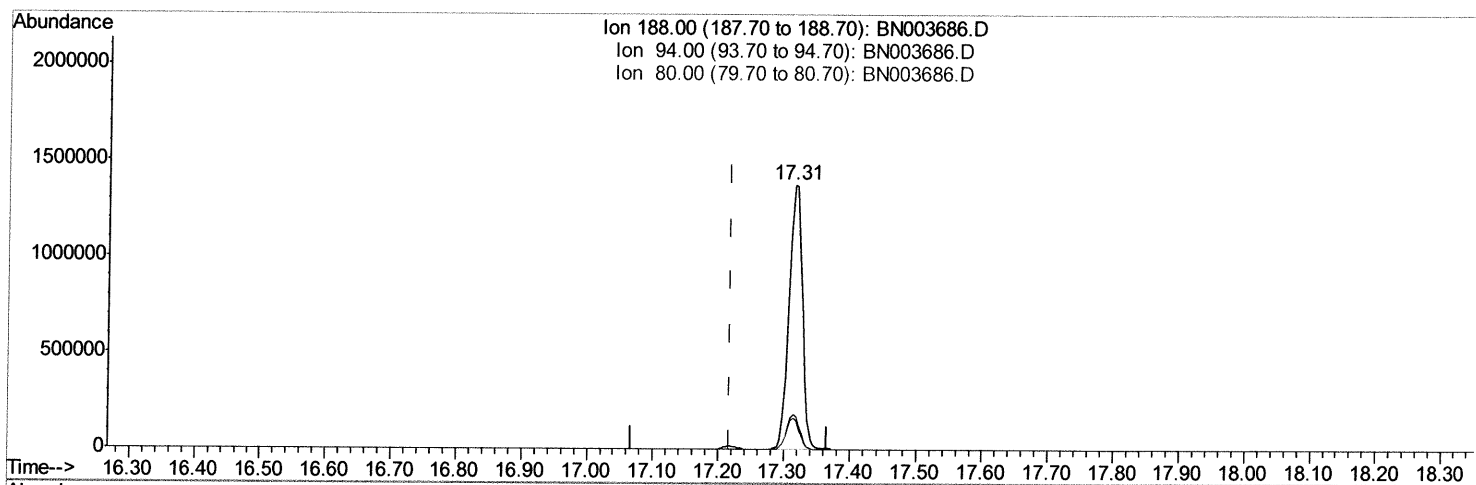
Quant Time: Dec 04 01:57:20 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:27:01 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



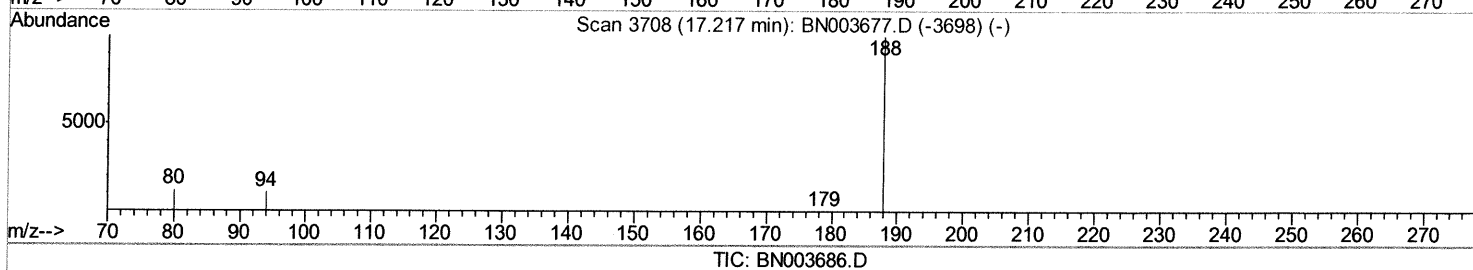
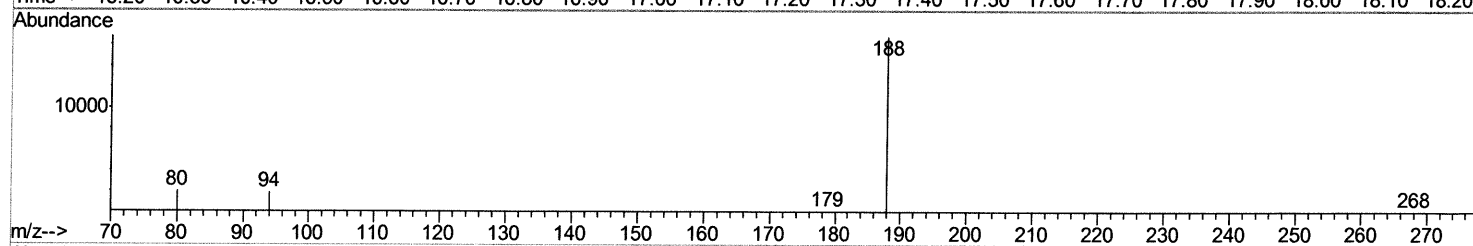
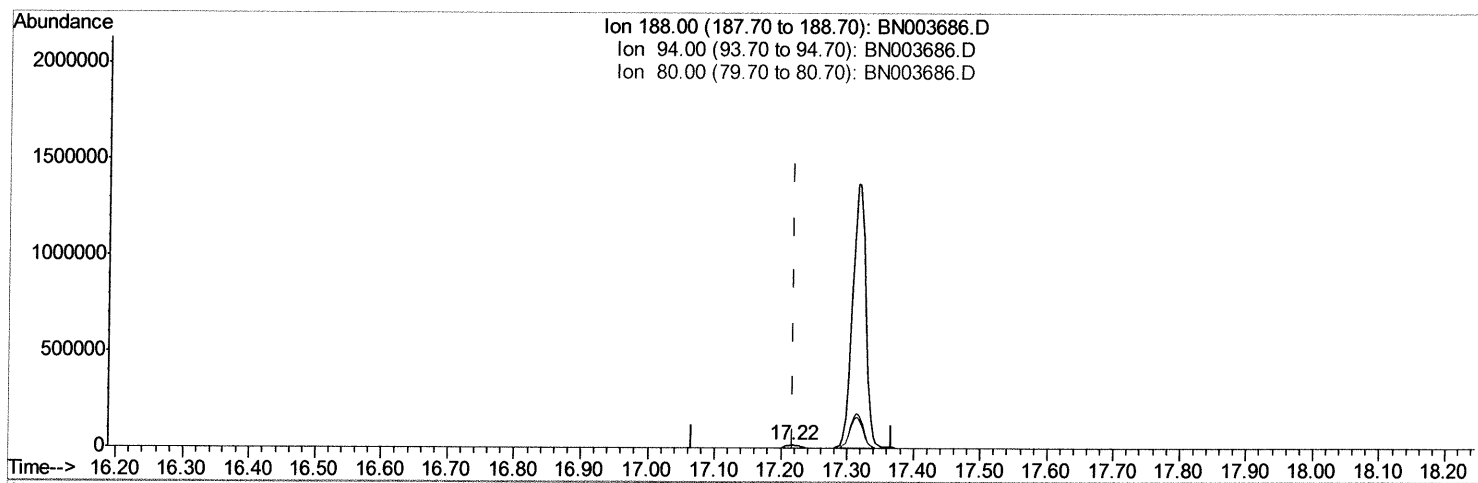
(10) Phenanthrene-d10 (I)  
17.314min (+0.097) 0.40ng/ul  
response 1920273

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.40 | 13.35# |
| 80.00  | 11.60 | 12.01  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:27:01 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m>SD 12/11/18

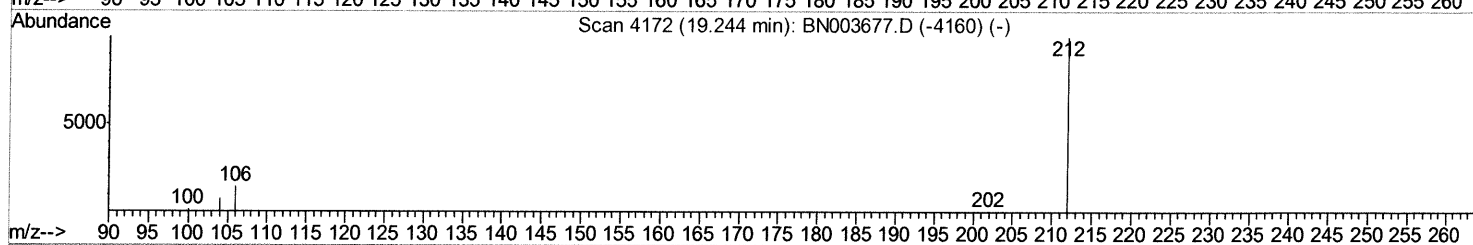
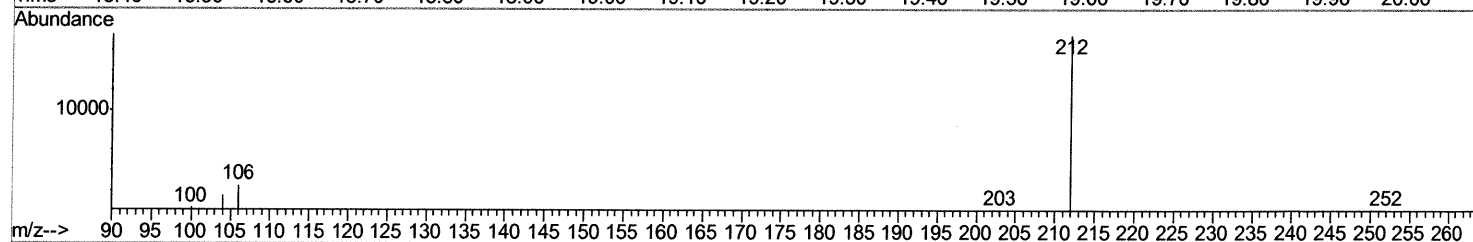
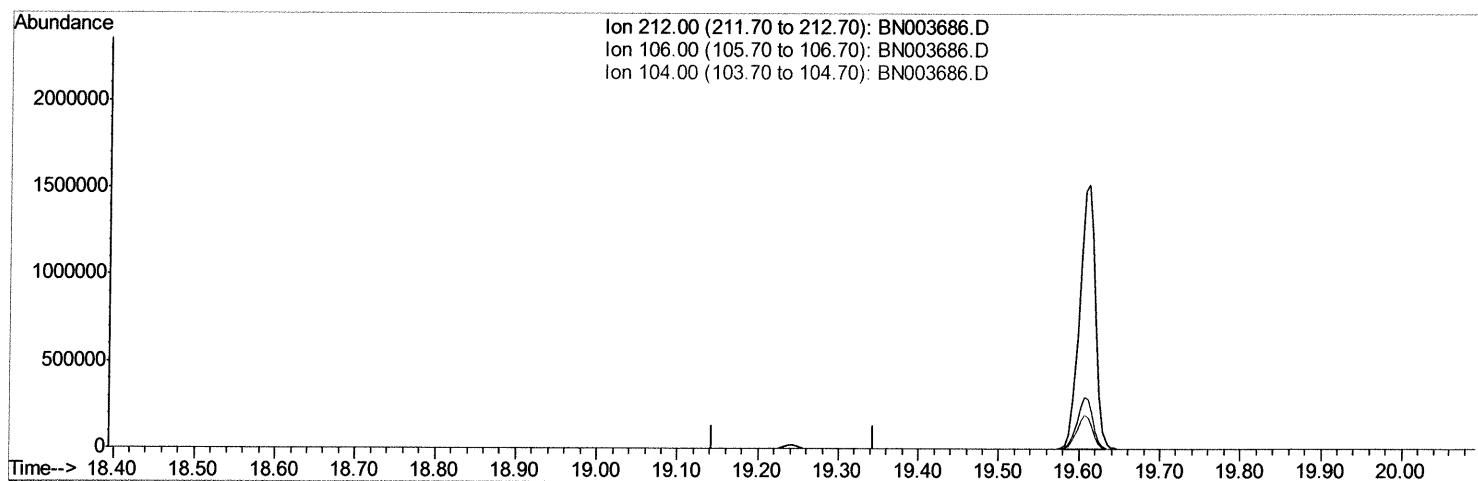
response 23703

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.40 | 10.96 |
| 80.00  | 11.60 | 11.84 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:03 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



TIC: BN003686.D

(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ul

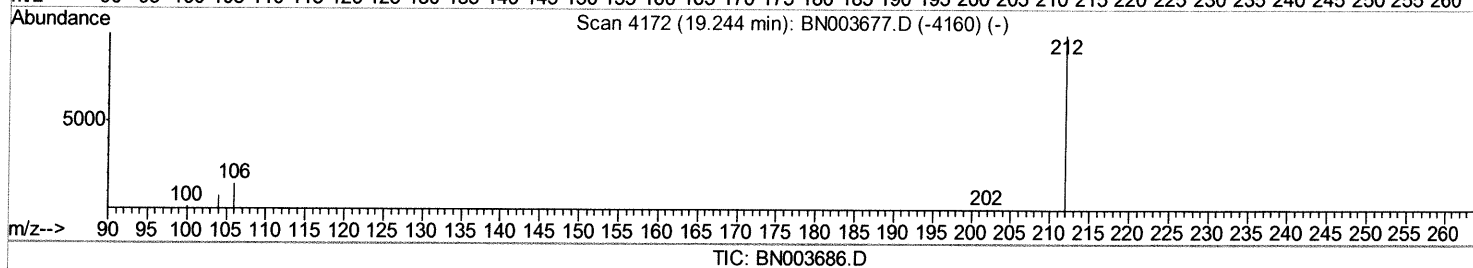
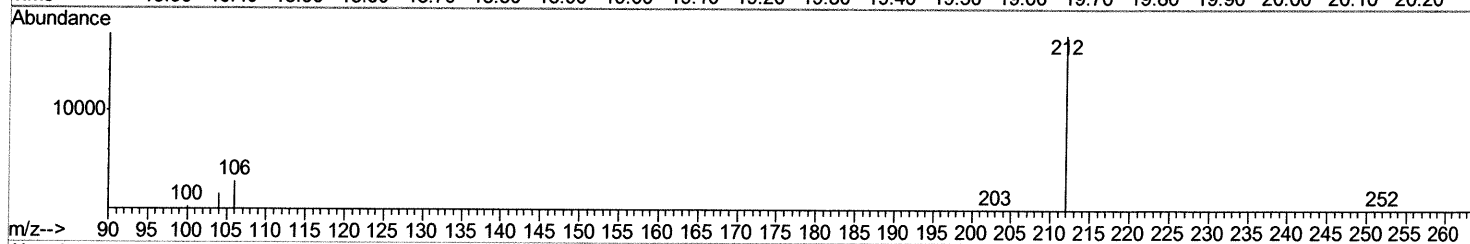
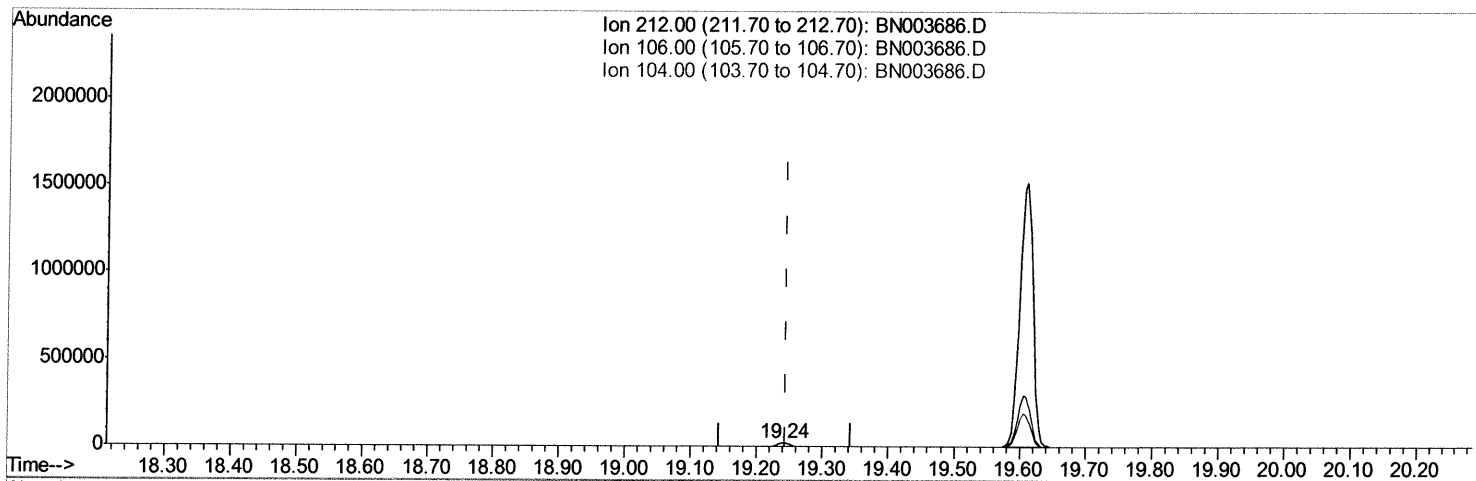
response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:03 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (-0.005) 0.36ng/ul m > 50 12/11/18

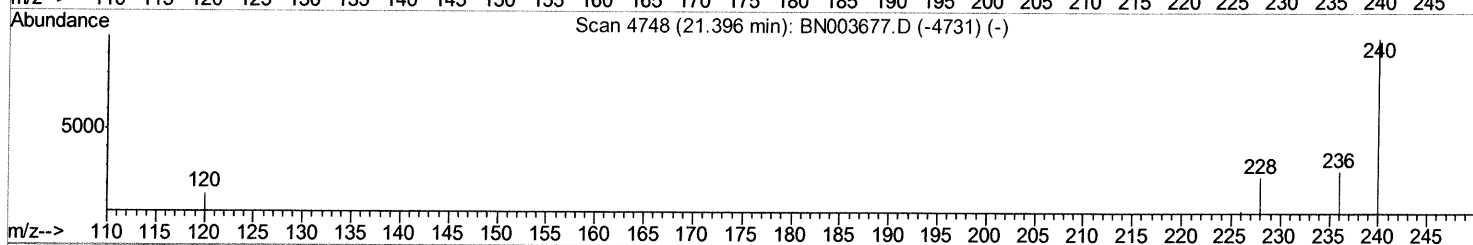
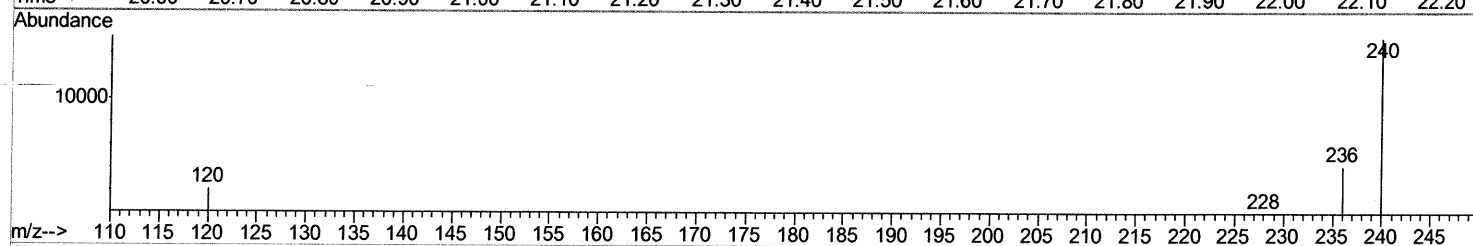
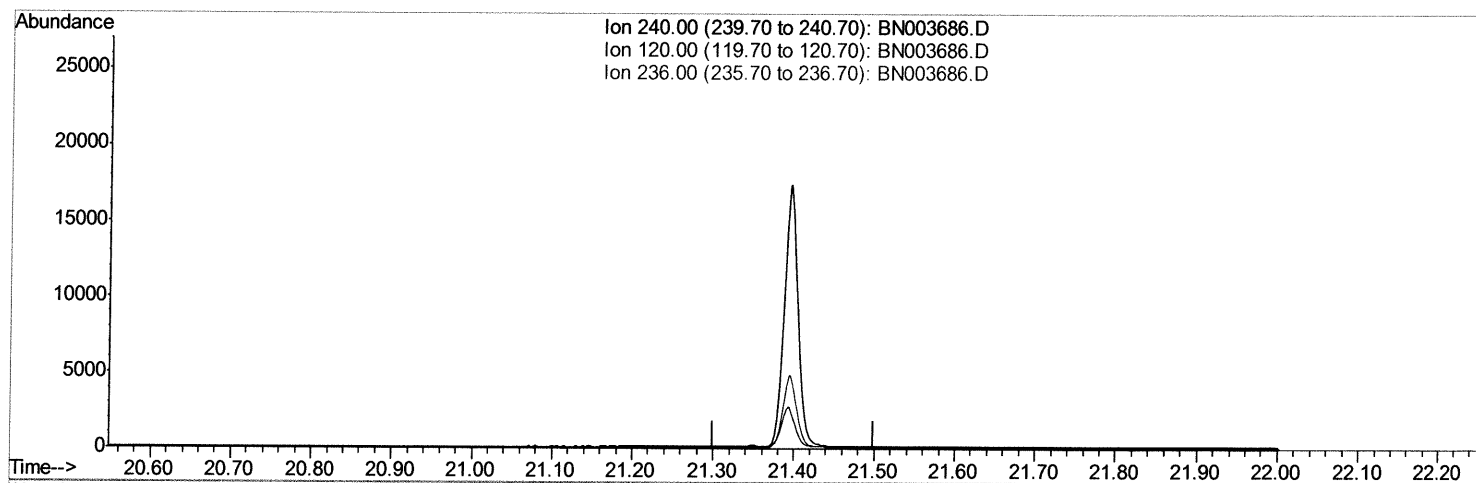
response 24989

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:03 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



TIC: BN003686.D

(16) Chrysene-d12 (I)

21.400min (-21.400) 0.00ng/ul

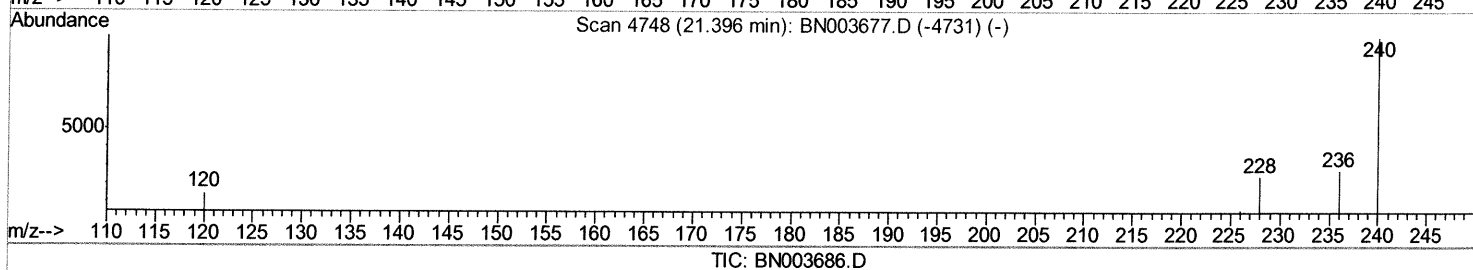
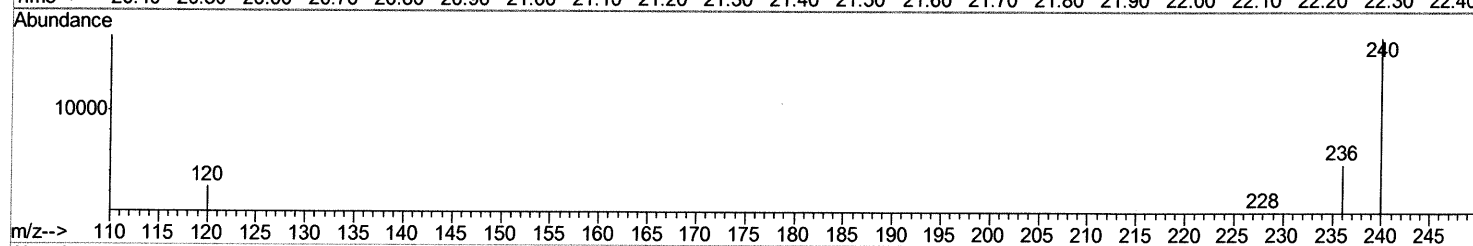
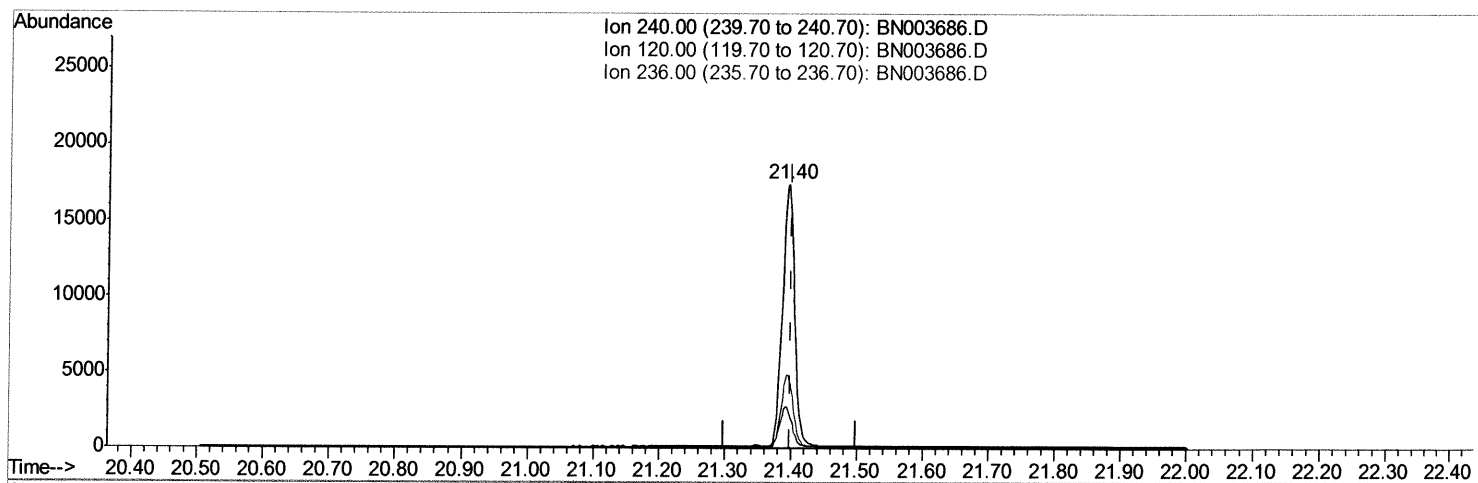
response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:03 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.395min (-0.004) 0.40ng/ul m> 50 1211118

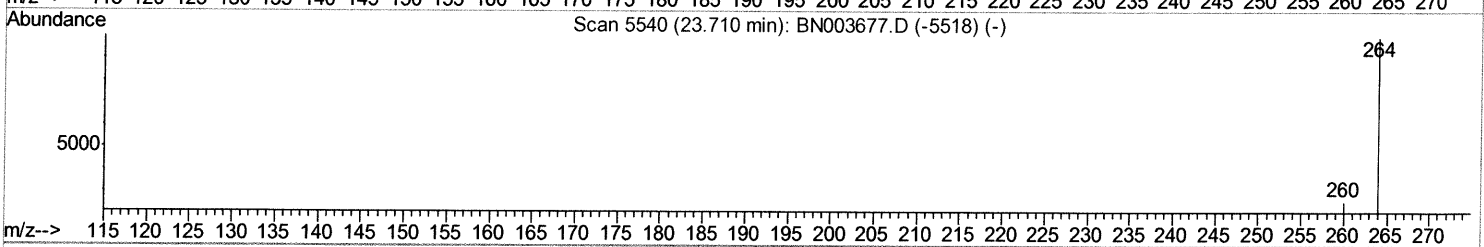
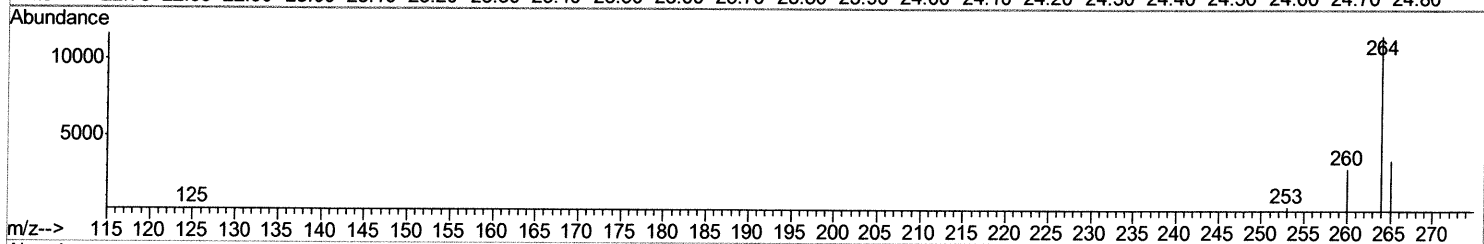
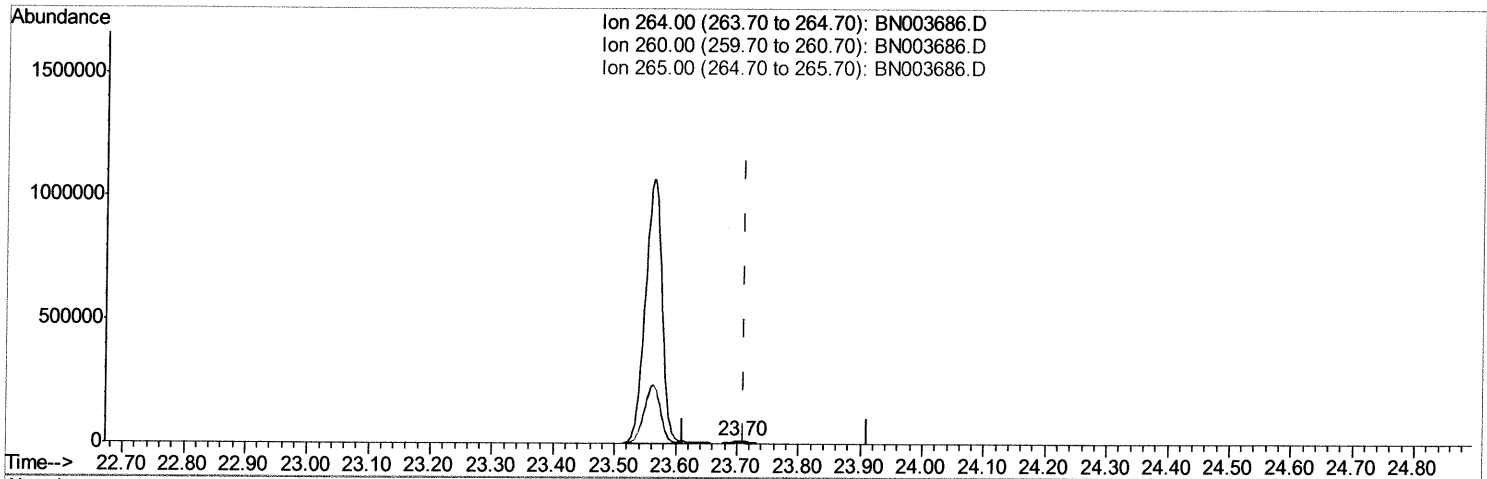
response 22044

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 14.00 | 14.48 |
| 236.00 | 27.60 | 27.74 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:36 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



TIC: BN003686.D

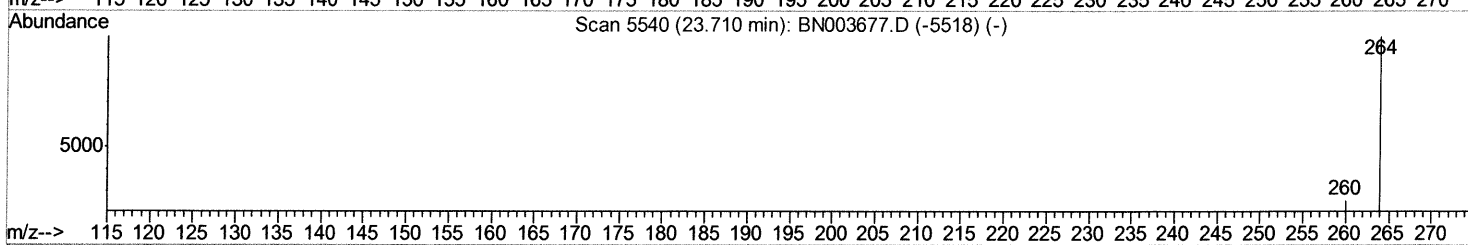
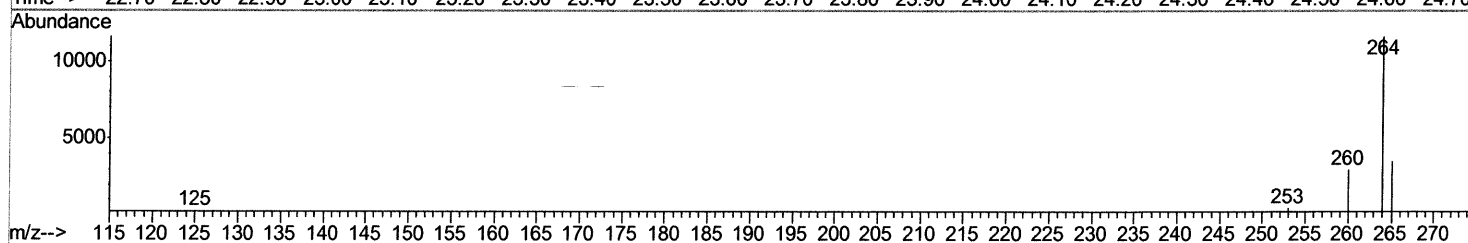
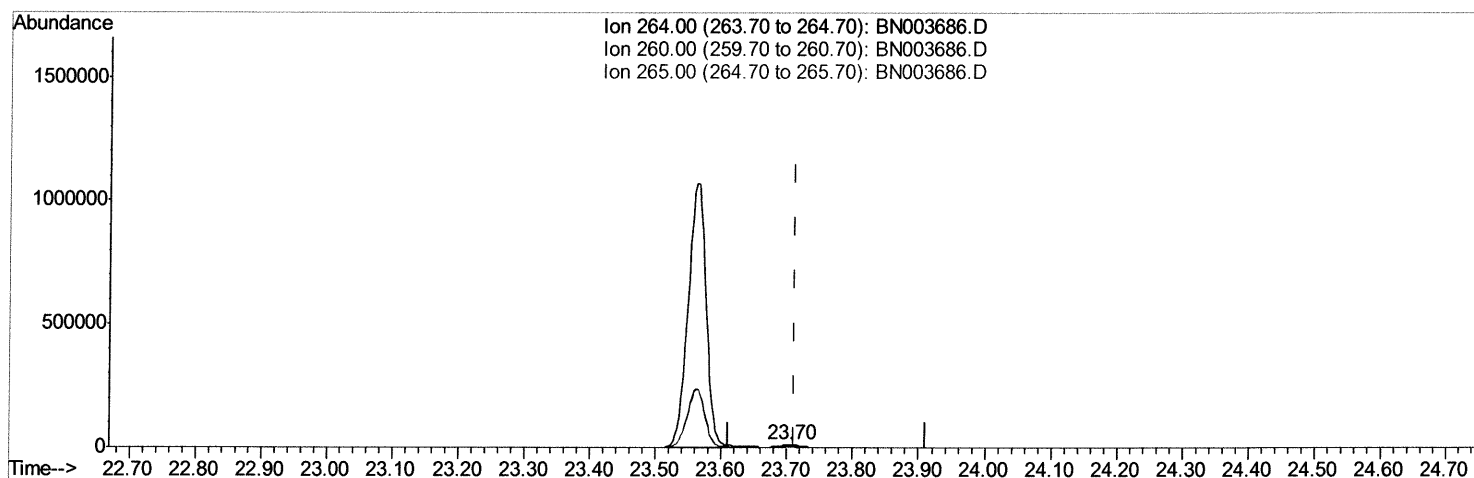
(20) Perylene-d12 (I)  
23.705min (-0.007) 0.40ng/ul  
response 26464

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 26.20 | 25.57 |
| 265.00 | 33.50 | 30.28 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (Qedit)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:56:36 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 : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration



TIC: BN003686.D

(20) Perylene-d12 (I)

23.705min (-0.007) 0.40ng/ul m) SJ 12/11/18

response 18461

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 26.20 | 25.57 |
| 265.00 | 33.50 | 30.28 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN120318\  
Quantitation Report (QT Reviewed)

Data File : BN003686.D  
Acq On : 03 Dec 2018 19:59  
Operator : JU/SJ  
Sample : J6137-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 01:57:20 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 04 01:23:55 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 4689     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.63 | 136  | 19140    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.47 | 164  | 11027    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.22 | 188  | 23703m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.40 | 240  | 22044m   | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.70 | 264  | 18461m   | 0.40 | ng/ul | 0.00     |

SJ 12/11/18

System Monitoring Compounds

|                            |       |     |        |      |       |      |
|----------------------------|-------|-----|--------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.22 | 152 | 10409  | 0.35 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.24 | 212 | 24989m | 0.36 | ng/ul | 0.00 |

SJ 12/11/18

Target Compounds

Qvalue

|                 |       |     |       |       |       |    |
|-----------------|-------|-----|-------|-------|-------|----|
| 3) Naphthalene  | 10.69 | 128 | 11867 | 0.221 | ng/ul | 99 |
| 8) Acenaphthene | 14.54 | 153 | 1378  | 0.032 | ng/ul | 97 |

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