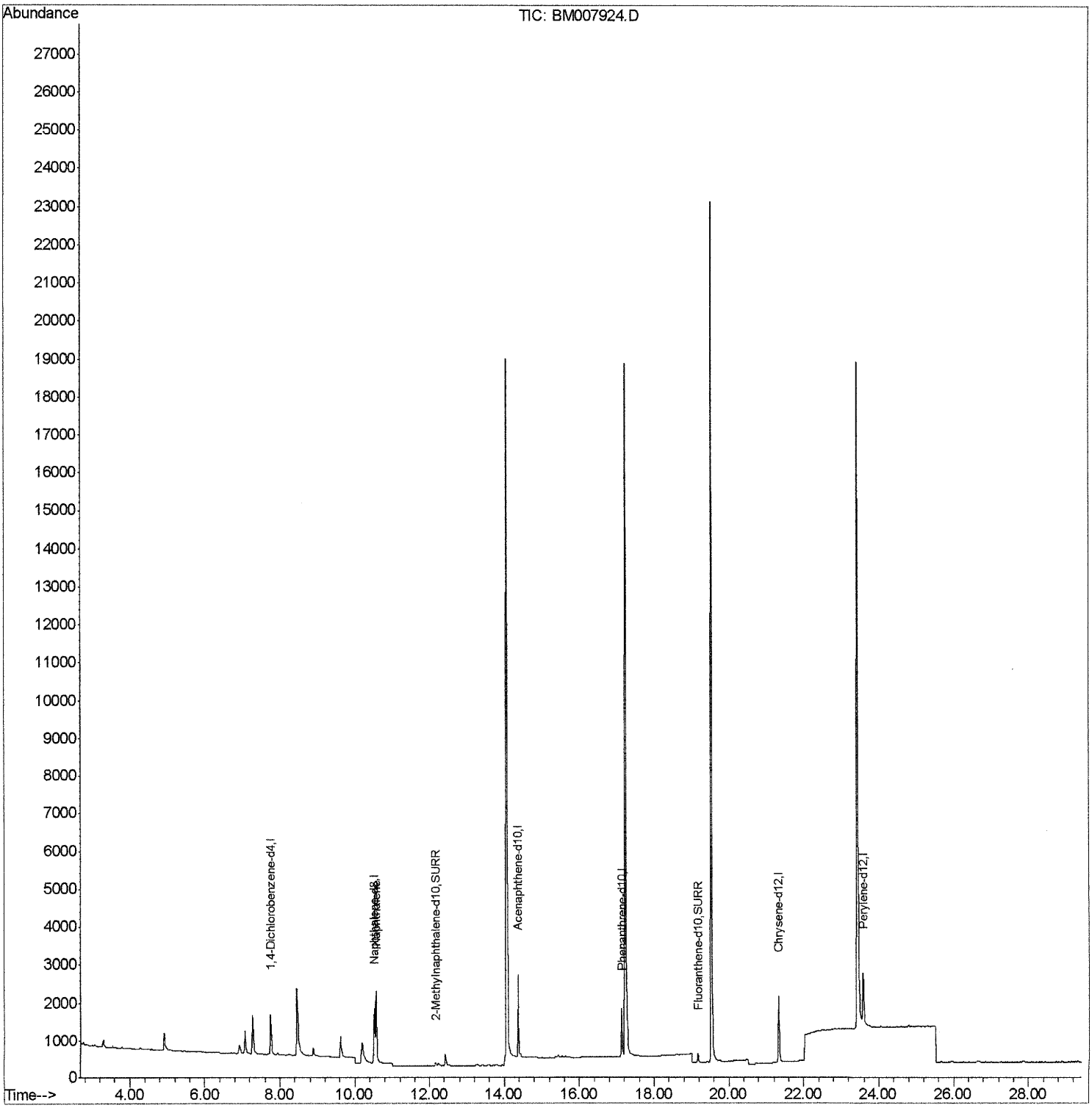
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007924.D
Acq On : 16 Nov 2016 16:53
Operator : UM/SJ
Sample : H5612-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 17:32:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 16:16:41 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
F2H09DL

**Manual Integrations APPROVED**
umangi
11/17/2016 5:55:35 PM



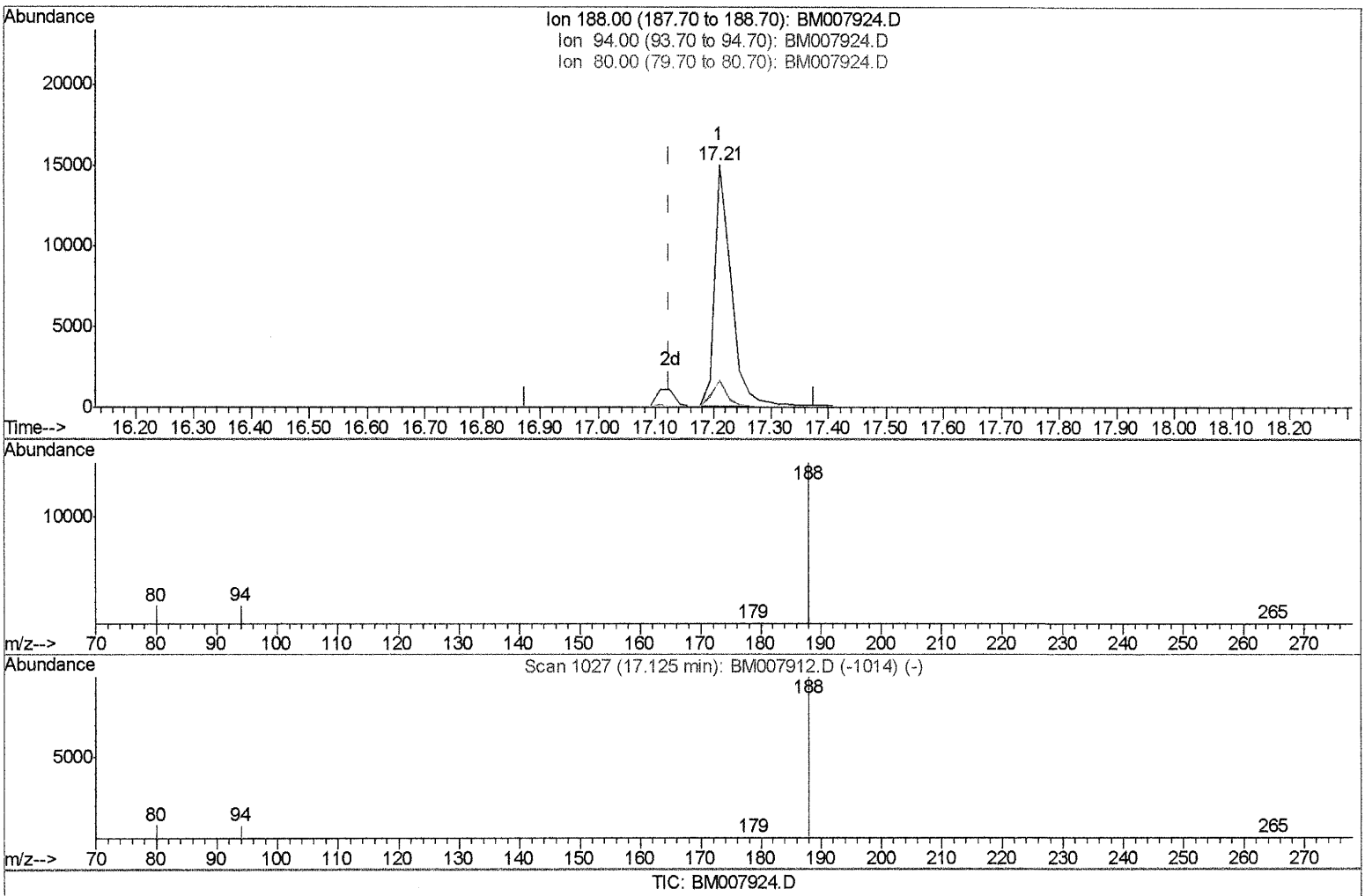
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007924.D
Acq On : 16 Nov 2016 16:53
Operator : UM/SJ
Sample : H5612-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 17:31:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 16:16:41 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
F2H09DL

**Manual Integrations APPROVED**
umangi
11/17/2016 5:55:35 PM




TIC: BM007924.D

(10) Phenanthrene-d10 (I)

17.211min (+0.086) 0.40ng/ul

response 30022

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.00 | 11.52 |
| 80.00 | 11.80 | 11.13 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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BNA_M
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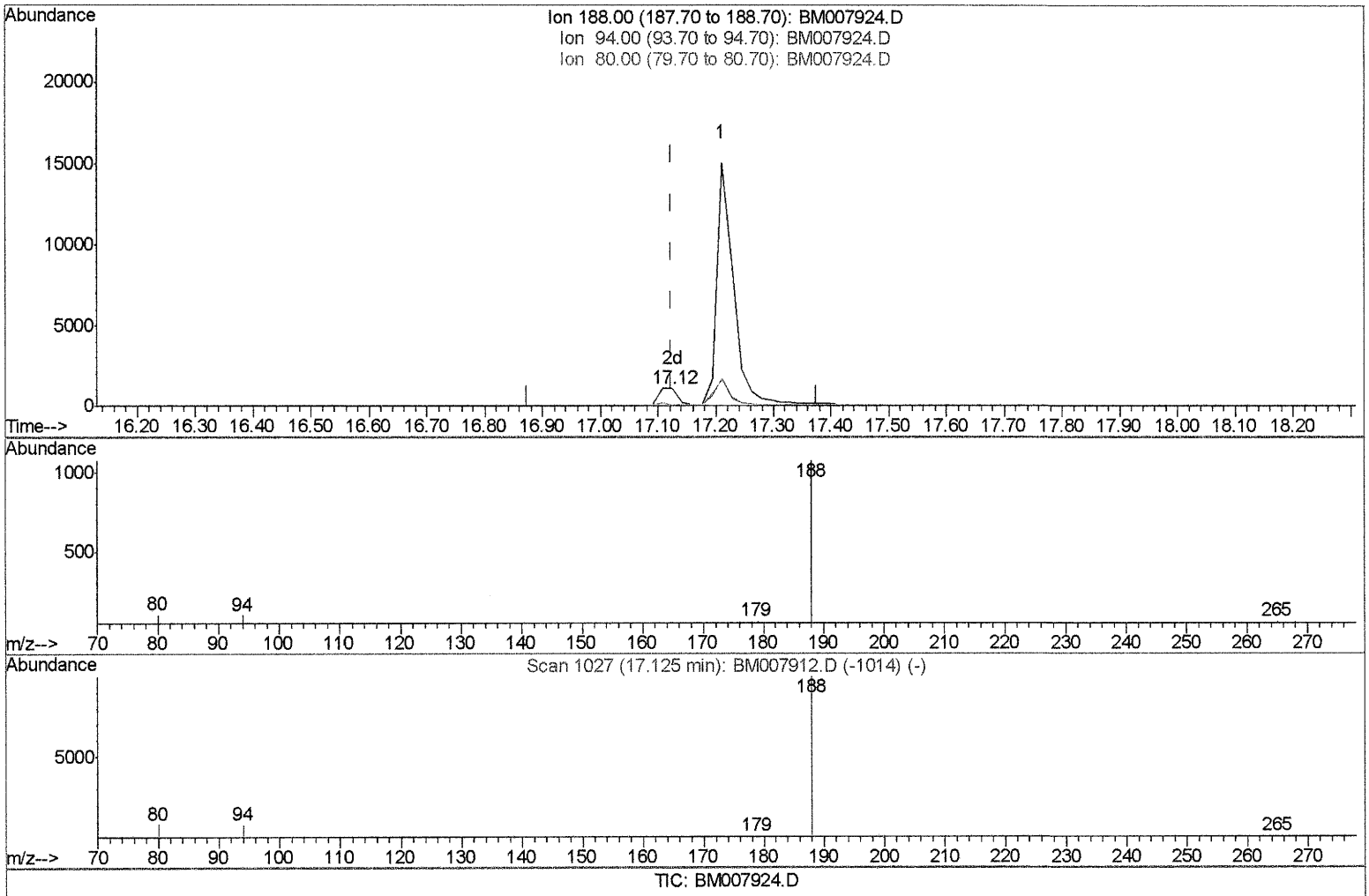
F2H09DL

**Manual Integrations APPROVED**
umangi
11/17/2016 5:55:35 PM




TIC: BM007924.D

(10) Phenanthrene-d10 (I)

17.125min (+0.000) 0.40ng/ul m

response 2696

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.00 | 8.93 |
| 80.00 | 11.80 | 9.21# |
| 0.00 | 0.00 | 0.00 |

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007924.D
Acq On : 16 Nov 2016 16:53
Operator : UM/SJ
Sample : H5612-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 17:32:15 2016
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**Instrument :**
BNA_M
**ClientSampleId :**
F2H09DL

**Manual Integrations APPROVED**
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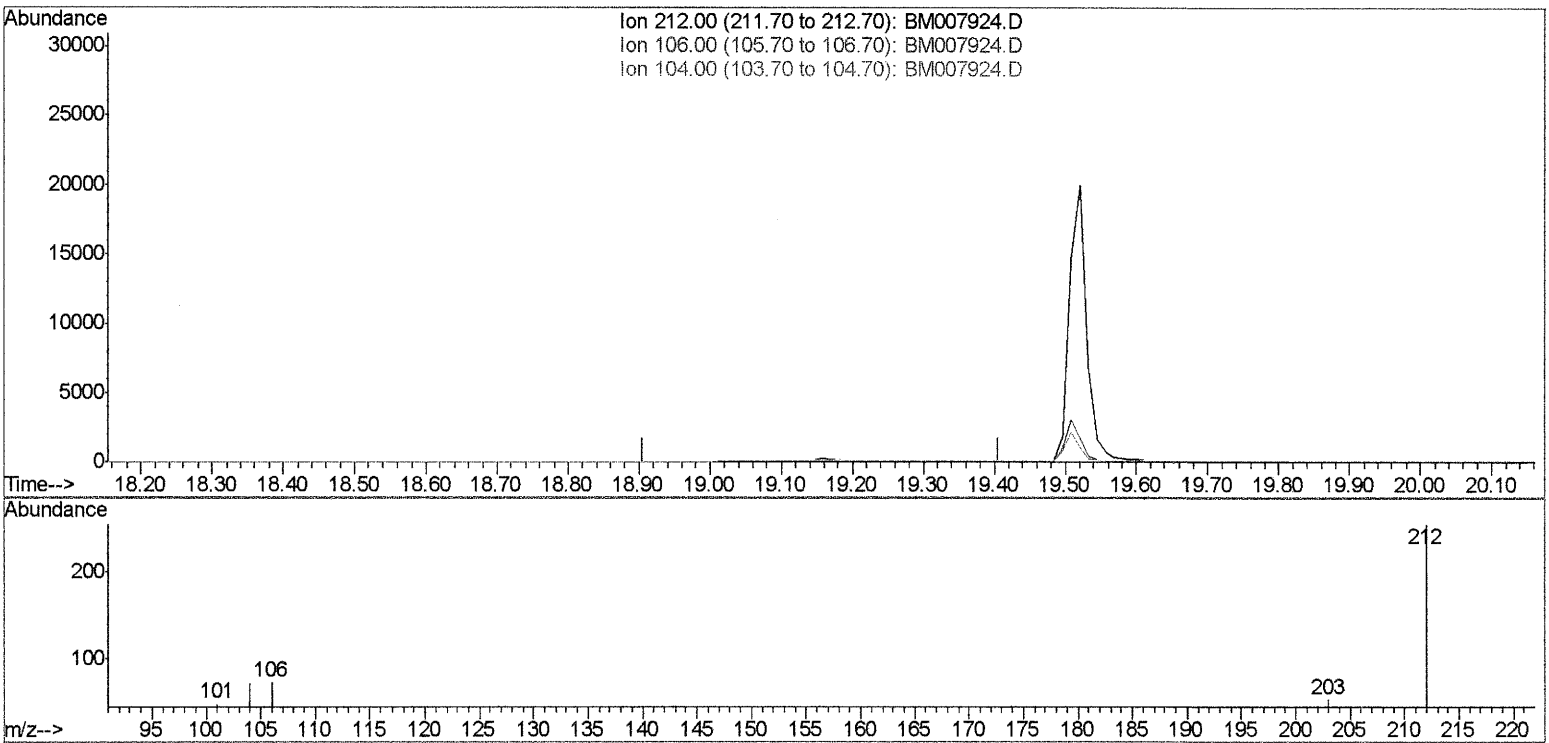





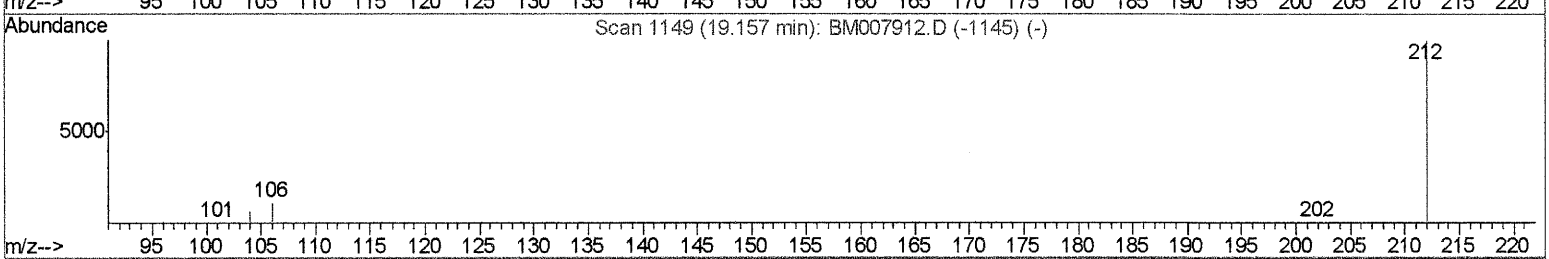


TIC: BM007924.D

(14) Fluoranthene-d10 (SURR)

19.157min (-19.157) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 0.00 |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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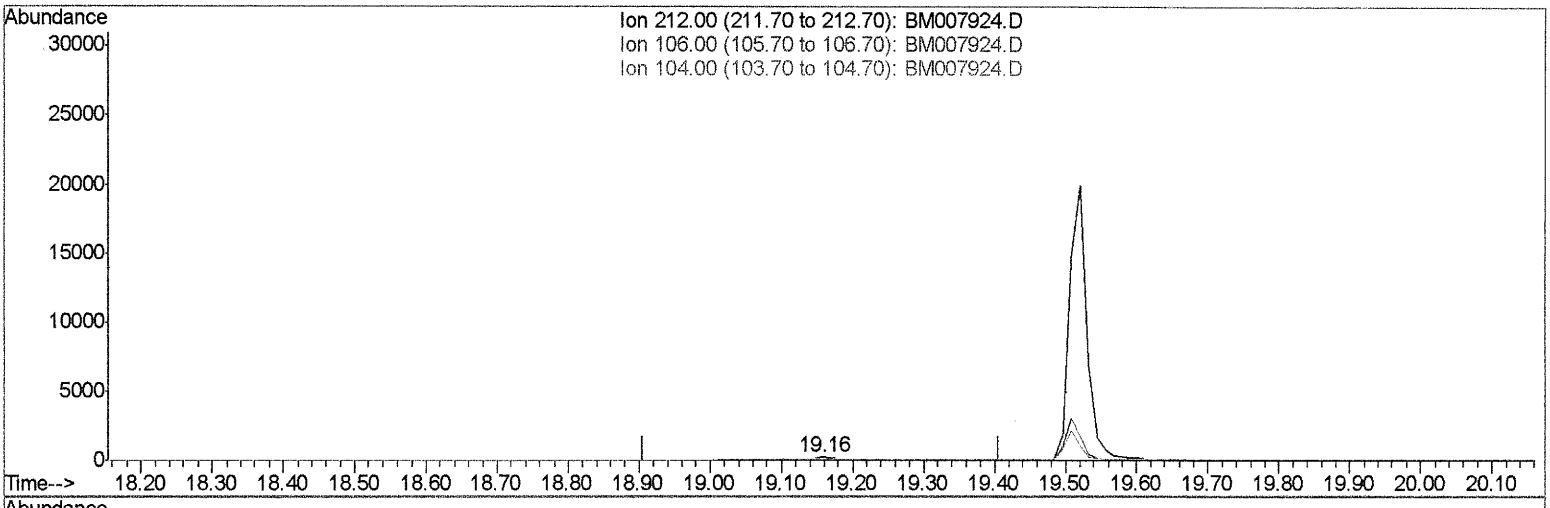
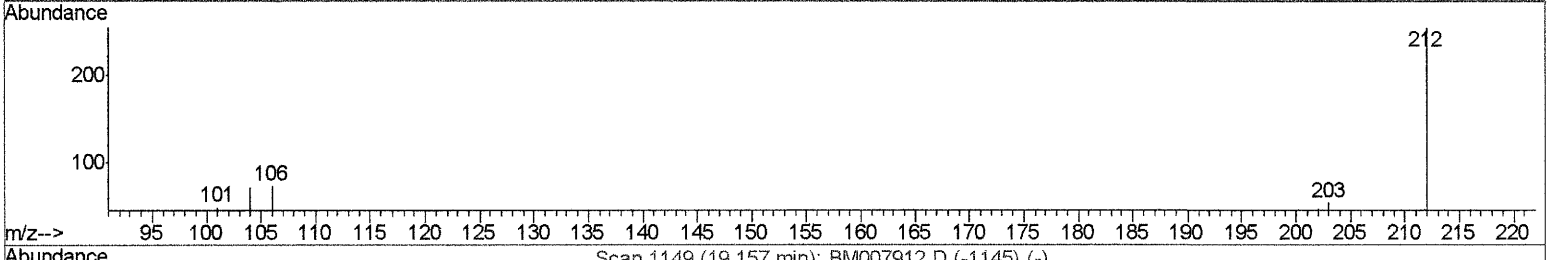
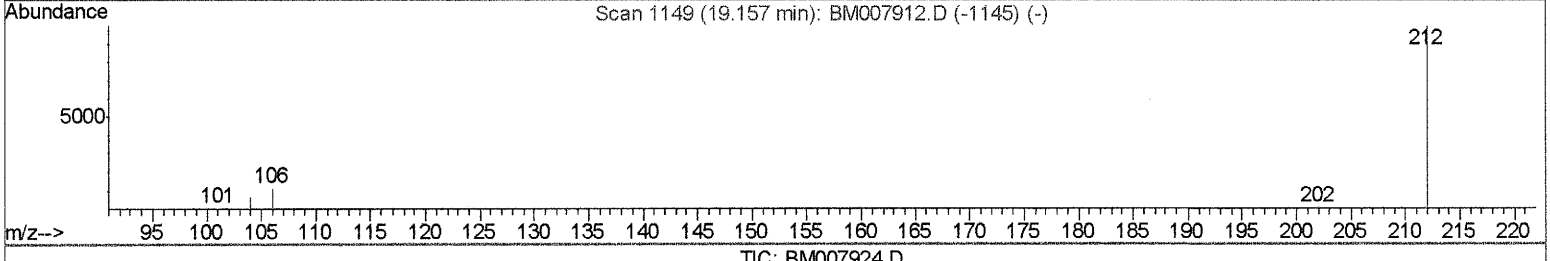
**Instrument :**
BNA_M
**ClientSampleId :**
F2H09DL

**Manual Integrations APPROVED**
umangi
11/17/2016 5:55:35 PM




TIC: BM007924.D

(14) Fluoranthene-d10 (SURR)

19.157min (+0.000) 0.06ng/ul m

response 365

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :** BNA_M
**ClientSampleId :** F2H09DL

**Manual Integrations APPROVED**
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11/17/2016 5:55:35 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 787 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.52 | 136 | 2413 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.37 | 164 | 1325 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.12 | 188 | 2696m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.32 | 240 | 2360 | 0.40 | ng/ul | 0.01 |
| 20) Perylene-d12 | 23.57 | 264 | 2802 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.15 | 152 | 173 | 0.06 | ng/ul | 0.02 |
| 14) Fluoranthene-d10 | 19.16 | 212 | 365m | 0.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.57 | 128 | 3386 | 0.55 | ng/ul | 98 |

UM 11/17/16

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