Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

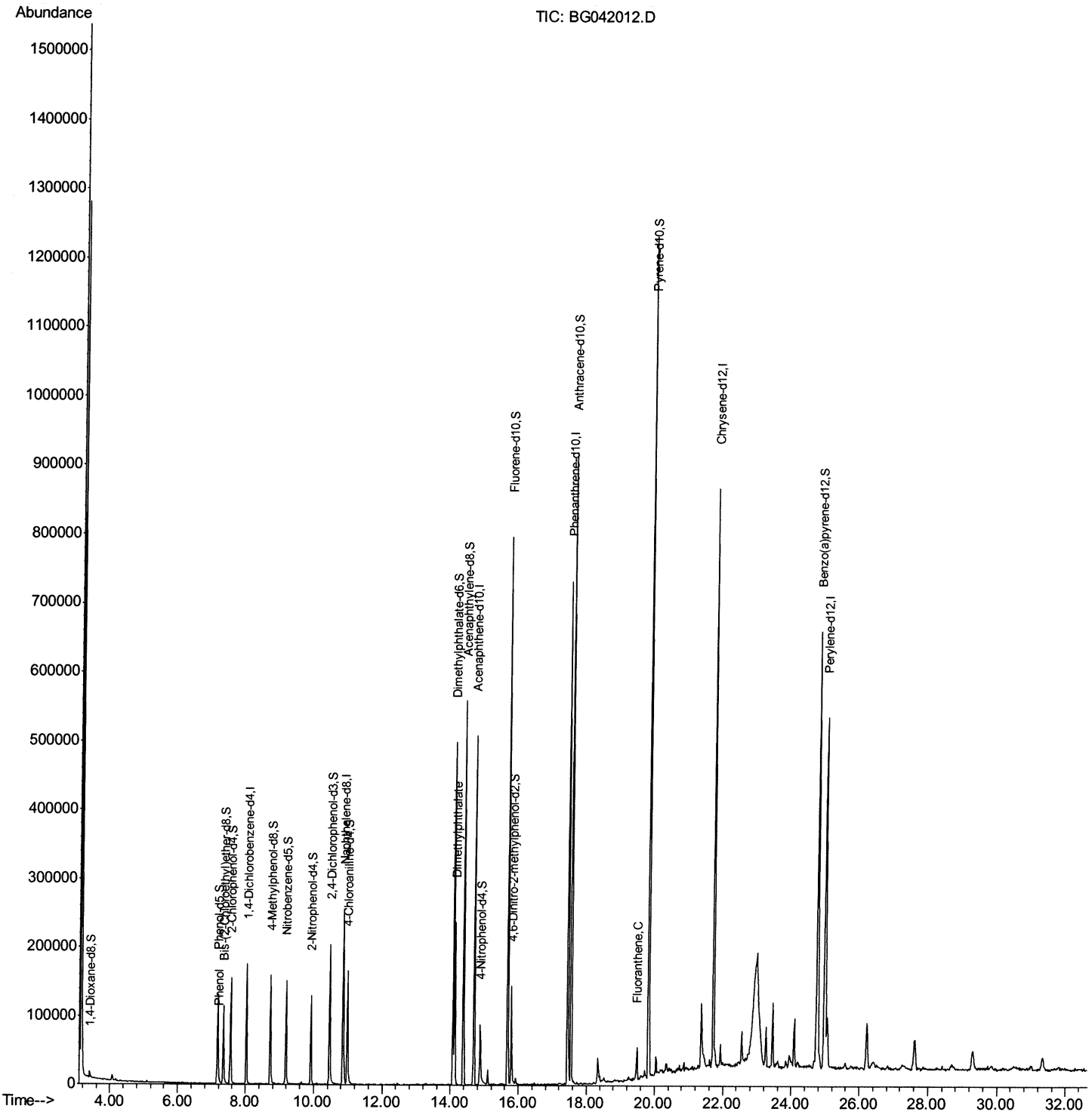
Quantitation Report (QT Reviewed)

Data File : BG042012.D
Acq On : 7 Aug 2019 00:51
Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:58:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENX8

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:16 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

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Acq On : 7 Aug 2019 00:51
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**Manual Integrations APPROVED**
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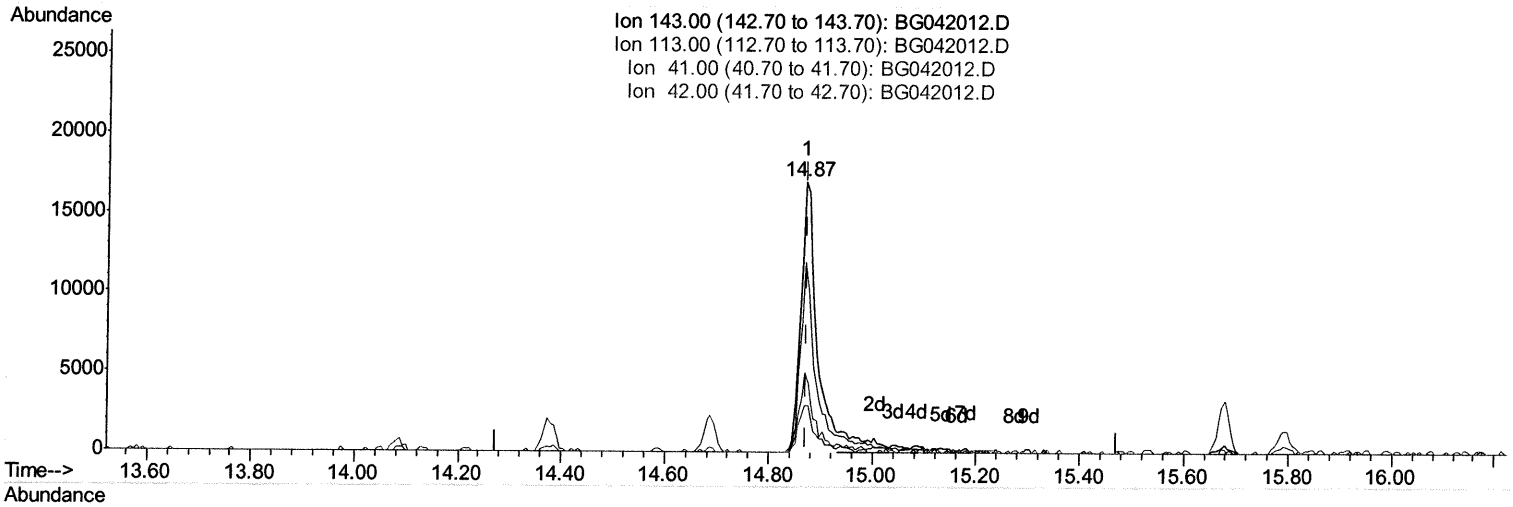
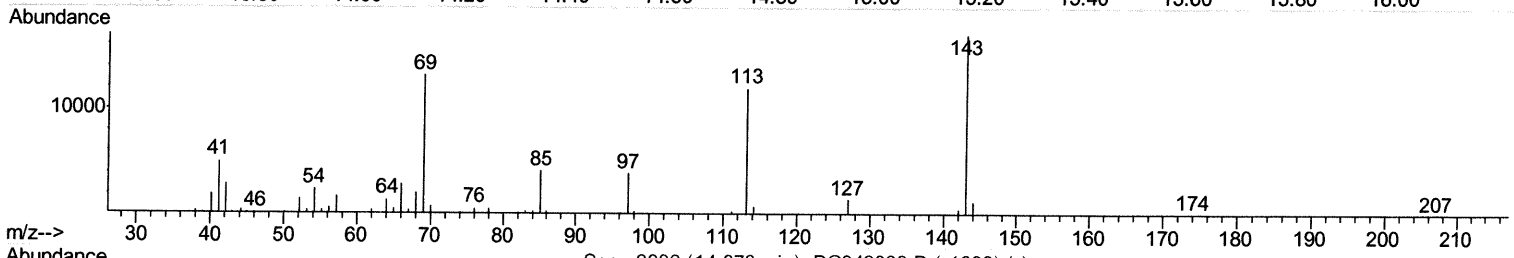
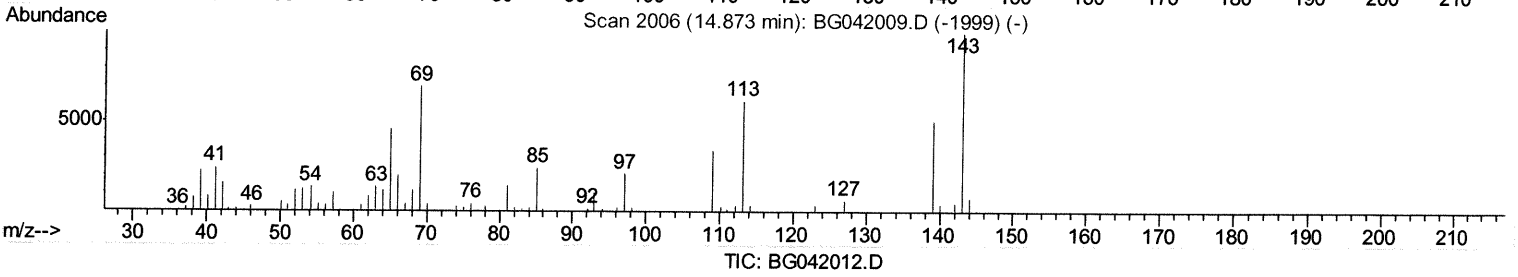



Scan 2006 (14.873 min): BG042009.D (-1999) (-)




TIC: BG042012.D

(51) 4-Nitrophenol-d4 (S)

14.868min (-0.005) 13.91ng/ul

response 36075

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 68.30 | 70.50 |
| 41.00 | 31.00 | 29.54 |
| 42.00 | 21.10 | 17.09 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

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BNA_G
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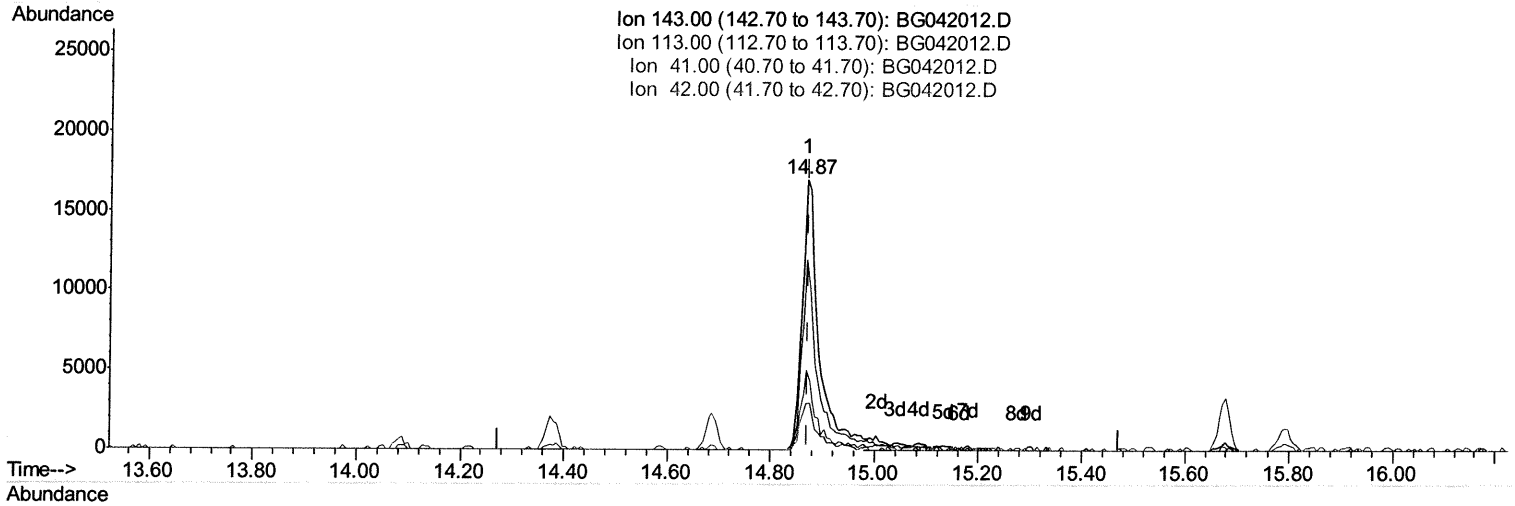
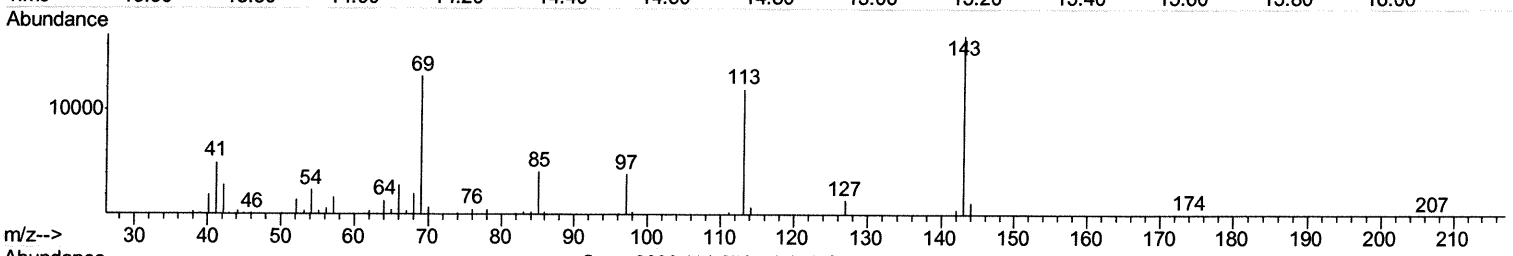
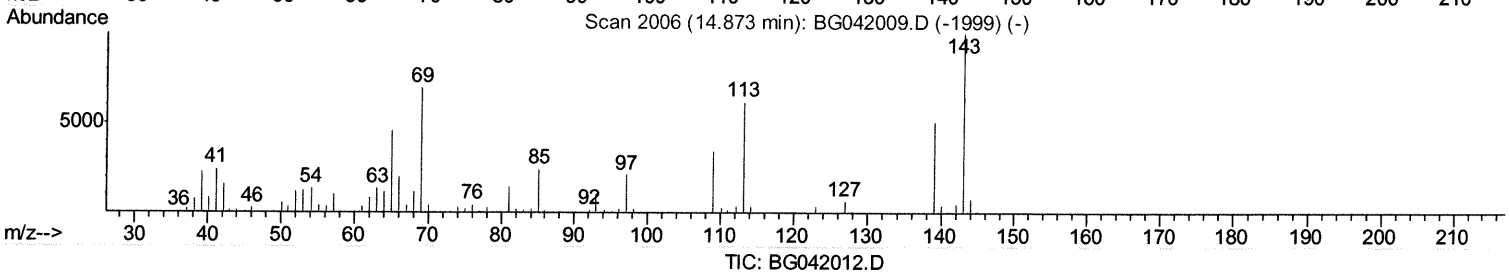
BENX8

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:16 PM




Scan 2006 (14.873 min): BG042009.D (-1999) (-)




TIC: BG042012.D

(51) 4-Nitrophenol-d4 (S)

14.868min (-0.005) 15.03ng/ul m JG 08/08/19

response 38975

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 68.30 | 70.50 |
| 41.00 | 31.00 | 29.54 |
| 42.00 | 21.10 | 17.09 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

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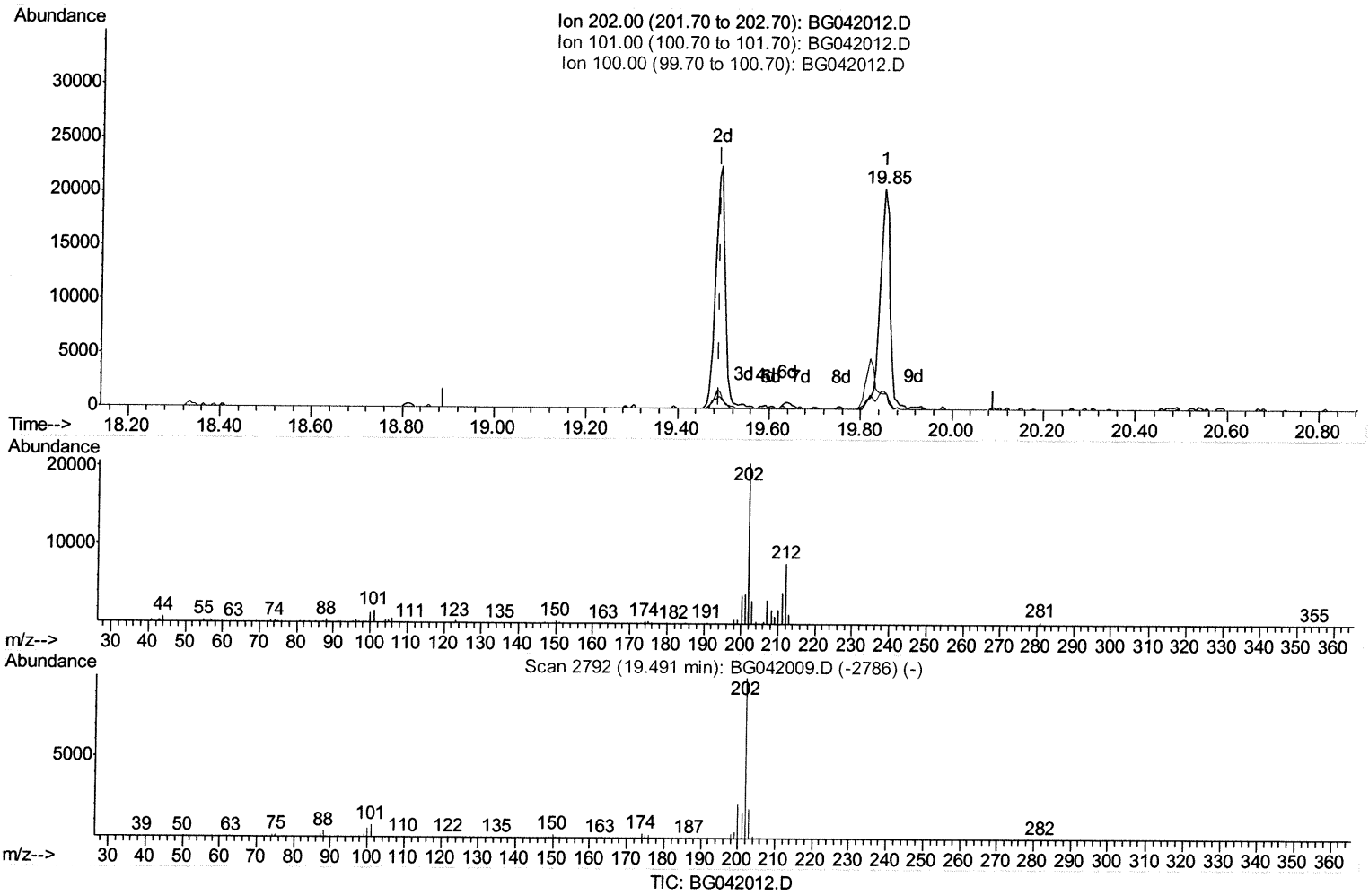
**Instrument :**
BNA_G
**ClientSampleId :**
BENX8

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:16 PM




TIC: BG042012.D

(76) Fluoranthene (C)

19.850min (+0.360) 0.99ng/ul

response 30818

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 8.40 | 8.55 |
| 100.00 | 6.60 | 6.97 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

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Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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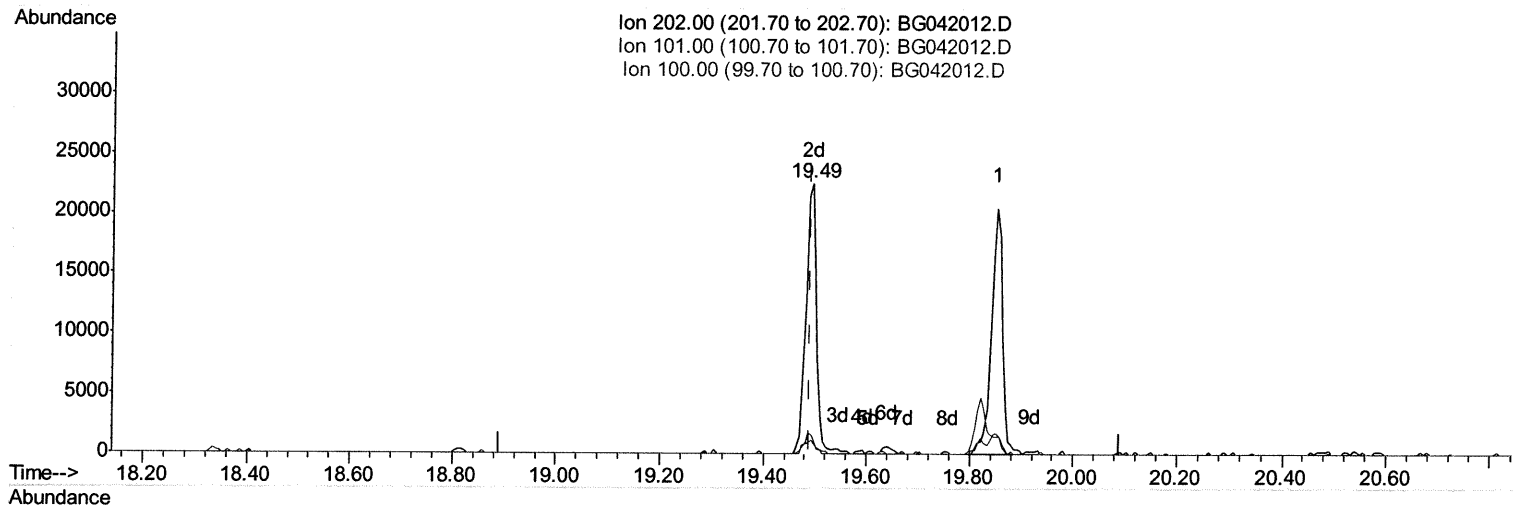
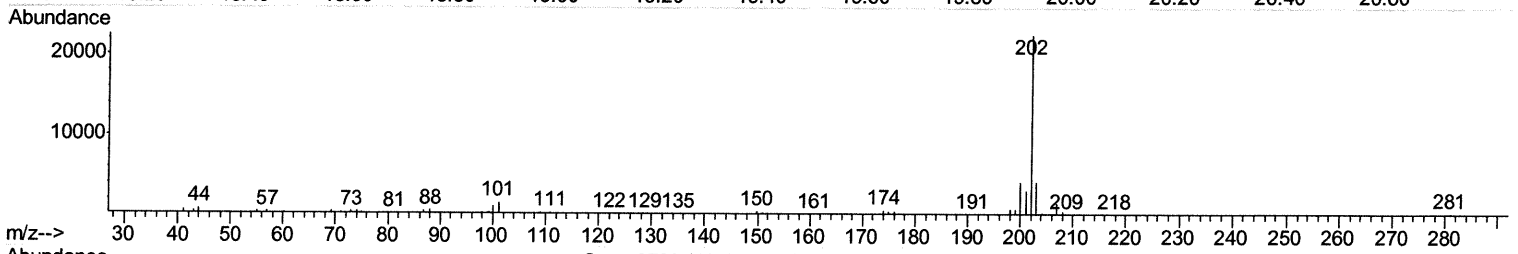
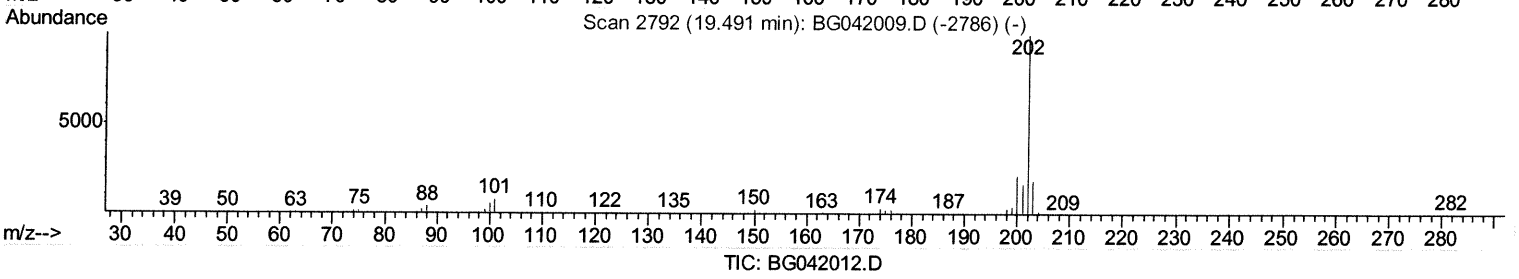
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENX8

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:16 PM




TIC: BG042012.D

(76) Fluoranthene (C)

19.492min (+0.001) 1.06ng/ul m JC 08/08/19

response 32804

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 8.40 | 6.83 |
| 100.00 | 6.60 | 5.10# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (QT Reviewed)

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QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** BENX8

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:16 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 59222 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 254297 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 199079 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 491462 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 510044 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.99 | 264 | 588099 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 4624 | 3.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 92228 | 19.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 55120 | 21.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 90263 | 22.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 74573 | 19.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 48034 | 25.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 57090 | 25.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 98355 | 21.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 121320 | 24.37 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 401532 | 26.01 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 429973 | 24.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.87 | 143 | 38975m → | 15.03 | ng/ul > | 0.00 JU 08/08/19 |
| 57) Fluorene-d10 | 15.68 | 176 | 357966 | 26.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 54642 | 17.33 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 589557 | 25.00 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.82 | 212 | 685370 | 24.08 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.76 | 264 | 731135 | 23.80 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.20 | 94 | 8229 | 1.715 | ng/ul | 97 |
| 44) Dimethylphthalate | 14.13 | 163 | 180770 | 11.792 | ng/ul | 98 |
| 76) Fluoranthene | 19.49 | 202 | 32804m → | 1.055 | ng/ul > | JU 08/08/19 |

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