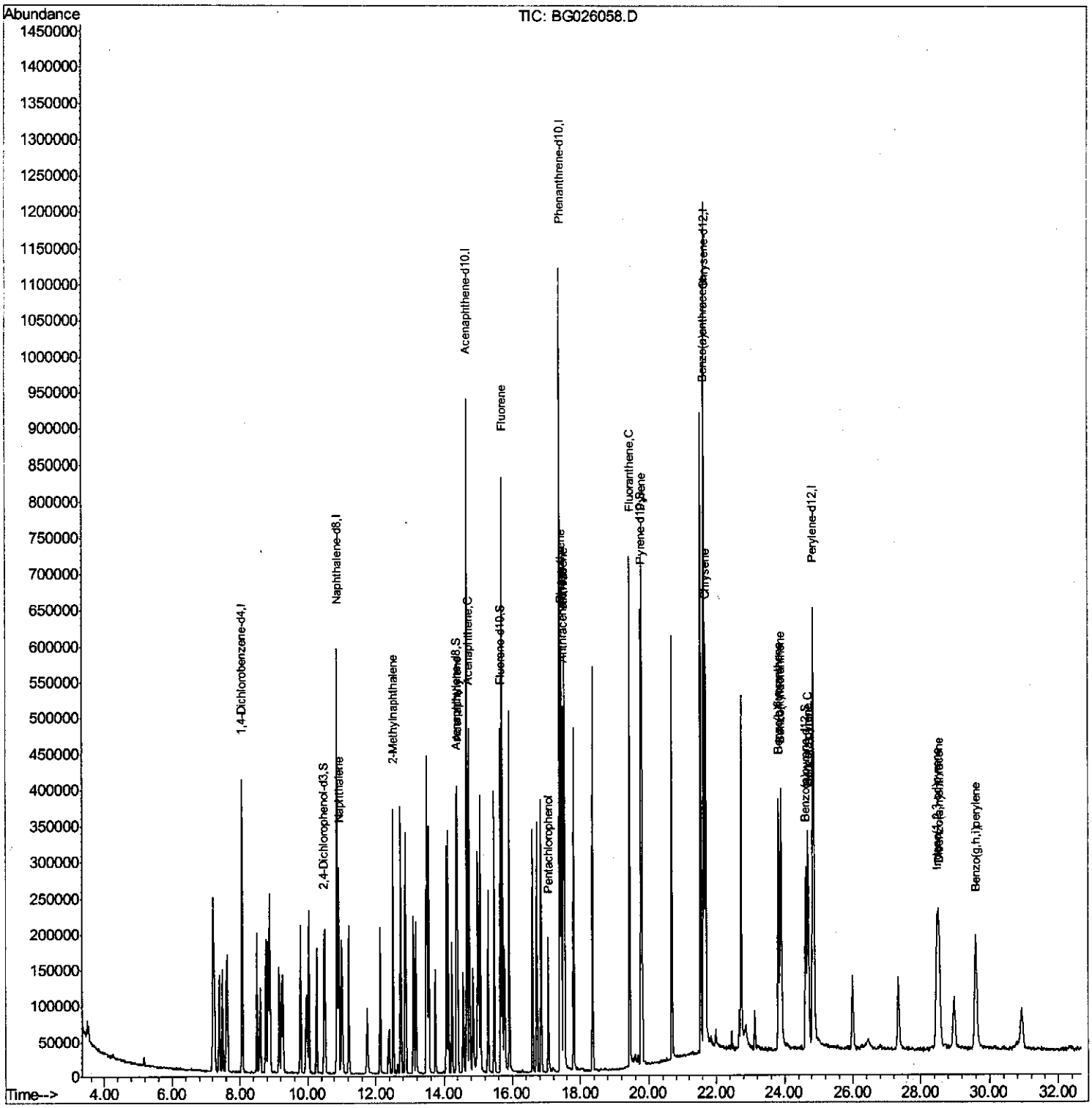
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
Data File : BG026058.D
Acq On : 3 Mar 2017 11:06
Operator : SJ/MA
Sample : SSTD01030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 15 14:02:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 13:58:04 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD01030

**Manual Integrations APPROVED**
mohammad
3/15/2017 3:09:23 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
Data File : BG026058.D
Acq On : 3 Mar 2017 11:06
Operator : SJ/MA
Sample : SSTD01030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 15 13:59:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 13:58:04 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD01030

**Manual Integrations APPROVED**
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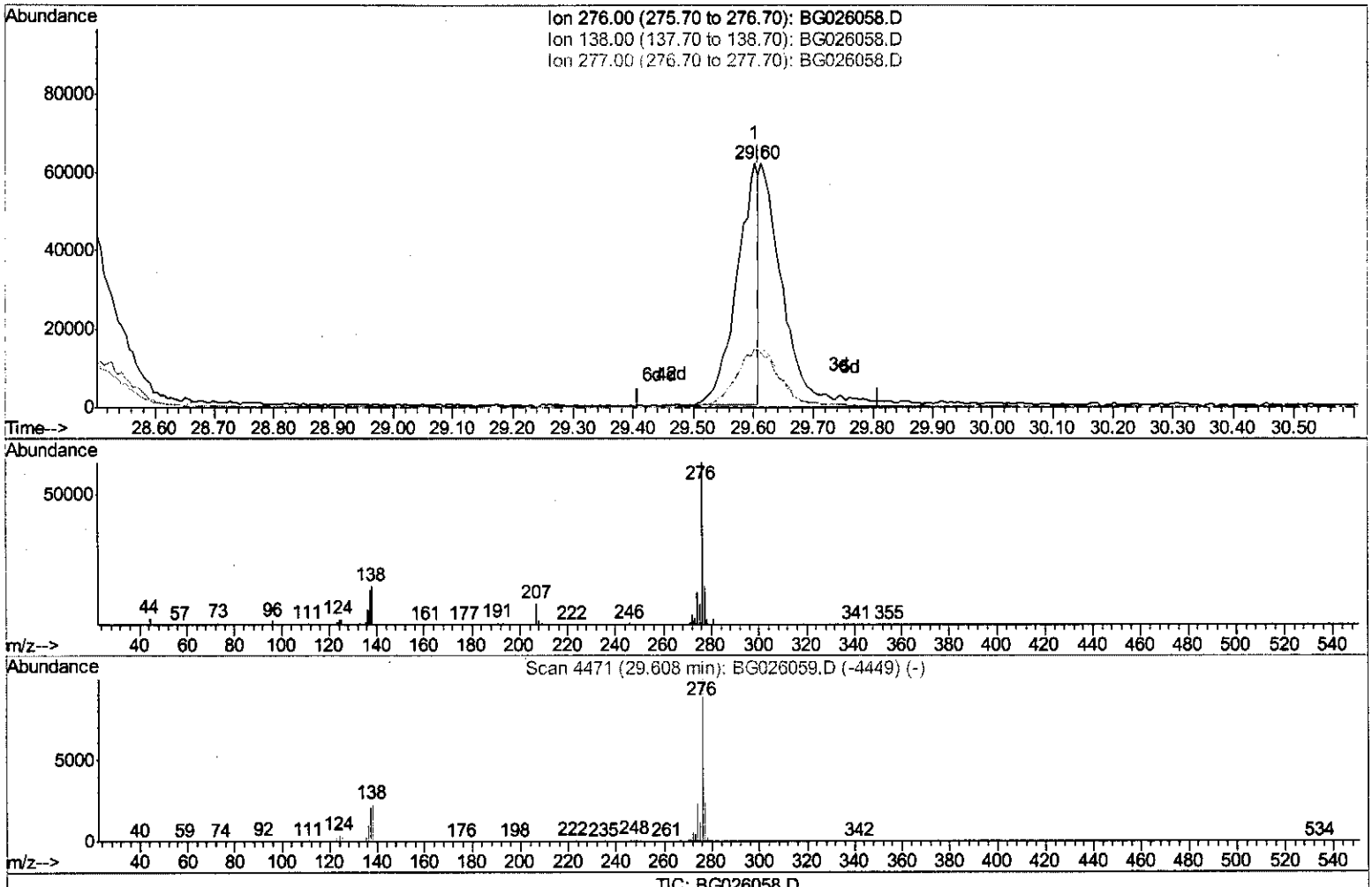
3/15/2017 3:09:23 PM




TIC: BG026058.D

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

29.602min (-0.006) 5.93ng/ul

response 156046

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100 | 100 |
| 138.00 | 23.70 | 24.35 |
| 277.00 | 24.60 | 24.17 |
| 0.00 | 0.00 | 0.00 |

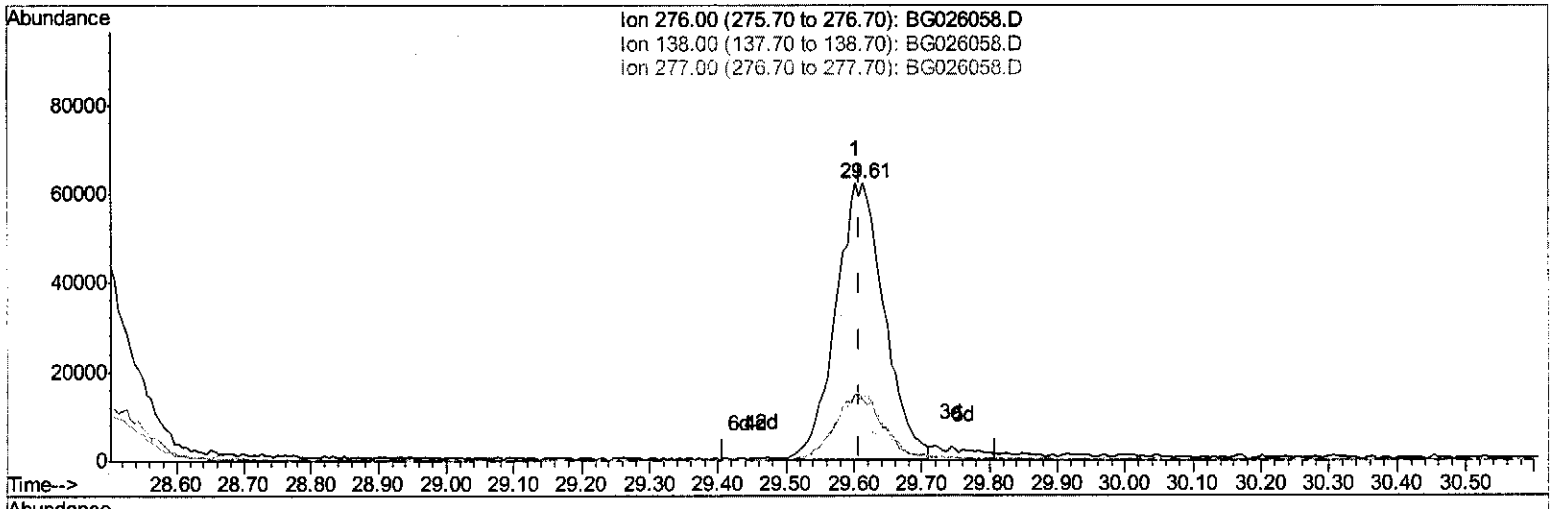
Quantitation Report (Qedit)

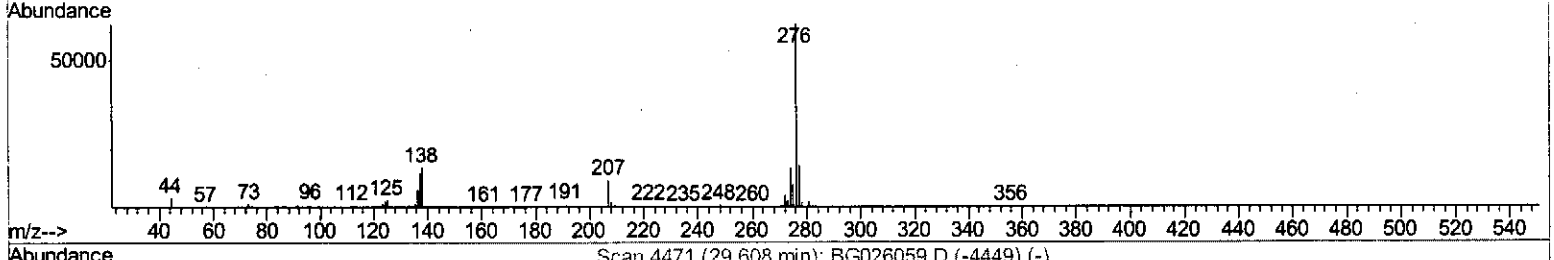
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
Data File : BG026058.D
Acq On : 3 Mar 2017 11:06
Operator : SJ/MA
Sample : SSTD01030
Misc :
ALS Vial : 3 Sample Multiplier: 1

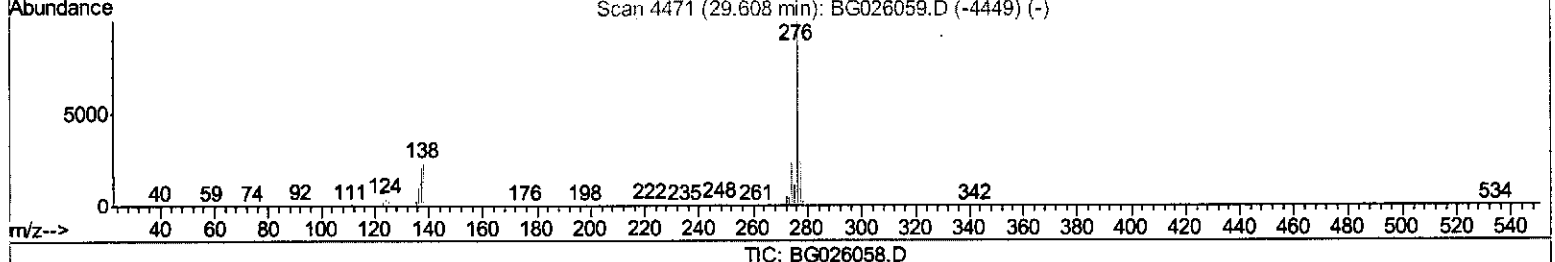
Quant Time: Mar 15 13:59:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 13:58:04 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD01030

**Manual Integrations APPROVED**
mohammad
3/15/2017 3:09:23 PM




TIC: BG026058.D

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

29.614min (+0.005) 11.61ng/ul m SJ 3/16/17

response 305697

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100 | 100 |
| 138.00 | 23.70 | 22.08 |
| 277.00 | 24.60 | 22.97 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
Data File : BG026058.D
Acq On : 3 Mar 2017 11:06
Operator : SJ/MA
Sample : SSTD01030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 15 14:02:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 13:58:04 2017
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** SSTD01030

**Manual Integrations APPROVED**
mohammad
3/15/2017 3:09:23 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 125875 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.87 | 136 | 532837 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.67 | 164 | 346553 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.40 | 188 | 683637 | 20.00 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 21.65 | 240 | 639138 | 20.00 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.84 | 264 | 624920 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 2,4-Dichlorophenol-d3 | 10.49 | 165 | 77978 | 9.91 | ng/uL | 0.00 |
| 7) Acenaphthylene-d8 | 14.37 | 160 | 285747 | 10.02 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.66 | 176 | 208983 | 10.00 | ng/ul | 0.00 |
| 15) Anthracene-d10 | 17.50 | 188 | 313501 | 10.67 | ng/ul | 0.00 |
| 19) Pyrene-d10 | 19.77 | 212 | 345593 | 11.09 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 24.62 | 264 | 265258 | 9.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Naphthalene | 10.92 | 128 | 264273 | 10.45 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.52 | 142 | 193104 | 10.24 | ng/ul | 99 |
| 8) Acenaphthylene | 14.40 | 152 | 296015 | 10.25 | ng/ul | 98 |
| 9) Acenaphthene | 14.74 | 153 | 207488 | 10.04 | ng/ul | 99 |
| 11) Fluorene | 15.71 | 166 | 239870 | 10.38 | ng/ul | 99 |
| 13) Pentachlorophenol | 17.05 | 266 | 36698 | 8.79 | ng/uL | 91 |
| 14) Phenanthrene | 17.45 | 178 | 384969 | 11.10 | ng/ul | 98 |
| 16) Anthracene | 17.53 | 178 | 383476 | 11.01 | ng/ul | 99 |
| 17) Fluoranthene | 19.44 | 202 | 422963 | 11.02 | ng/ul | 98 |
| 20) Pyrene | 19.80 | 202 | 437574 | 11.45 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.63 | 228 | 363864 | 10.60 | ng/ul | 97 |
| 22) Chrysene | 21.69 | 228 | 334332 | 10.44 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.83 | 252 | 348163 | 10.00 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.90 | 252 | 331563 | 10.08 | ng/ul | 100 |
| 27) Benzo(a)pyrene | 24.69 | 252 | 321166 | 9.95 | ng/ul | 99 |
| 28) Indeno(1,2,3-cd)pyrene | 28.48 | 276 | 356687 | 10.02 | ng/ul | 96 |
| 29) Dibenzo(a,h)anthracene | 28.53 | 278 | 281919 | 9.83 | ng/ul | 95 |
| 30) Benzo(g,h,i)perylene | 29.61 | 276 | 305697m> | 11.61 | ng/ul | |

SJ 3/16/17

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