

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\  
 Data File : BM026232.D  
 Acq On : 02 Jun 2020 17:52  
 Operator : JU/CG  
 Sample : L2829-05DL2 50X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5CC9DL2

Quant Time: Jun 02 18:28:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 02 03:00:44 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 142018   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 567688   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 316514   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.86 | 188  | 678205   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 713663   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.18 | 264  | 752923   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0d       | 0.00 | ng/uL |          |
| 5) Phenol-d5                   | 6.67  | 99   | 1575     | 0.12 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67   | 4671     | 0.52 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.01  | 132  | 4449     | 0.44 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0d       | 0.00 | ng/ul |          |
| 19) Nitrobenzene-d5            | 8.63  | 128  | 2393     | 0.52 | ng/ul | 0.01     |
| 22) 2-Nitrophenol-d4           | 9.34  | 143  | 2065     | 0.45 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.88  | 165  | 4009     | 0.44 | ng/ul | 0.01     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00 | ng/ul |          |
| 44) Dimethylphthalate-d6       | 13.54 | 166  | 15817    | 0.62 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.80 | 160  | 17144    | 0.57 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0d       | 0.00 | ng/ul |          |
| 58) Fluorene-d10               | 15.12 | 176  | 14182    | 0.64 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0d       | 0.00 | ng/ul |          |
| 71) Anthracene-d10             | 16.96 | 188  | 24264    | 0.73 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.27 | 212  | 24204    | 0.66 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.05 | 264  | 22548    | 0.56 | ng/ul | 0.00     |

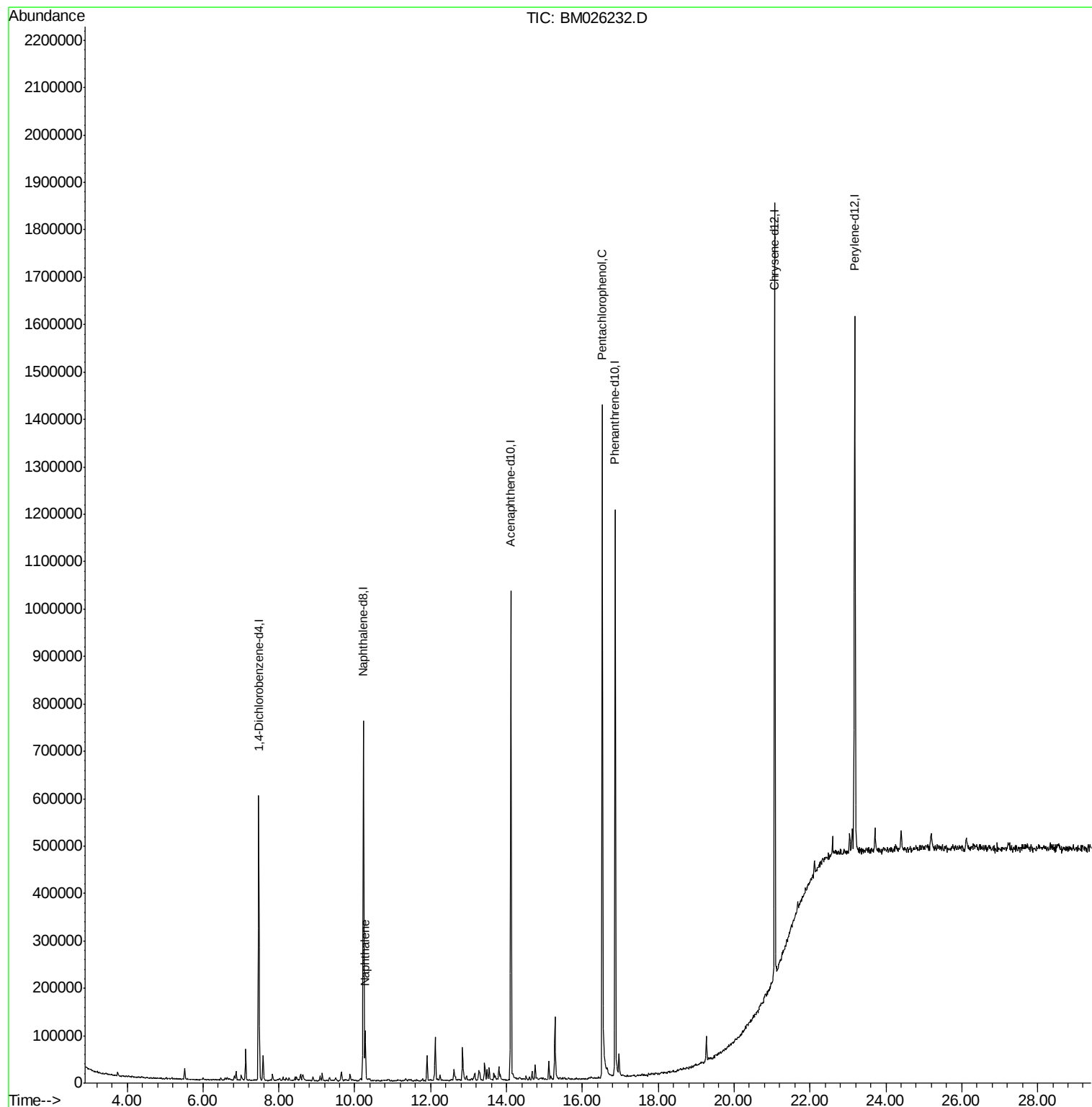
| Target Compounds      | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|-----------------------|-------|------|----------|--------|-------|--------|
| 28) Naphthalene       | 10.28 | 128  | 77246    | 2.225  | ng/ul | 100    |
| 69) Pentachlorophenol | 16.53 | 266  | 243021   | 49.691 | ng/ul | 97     |

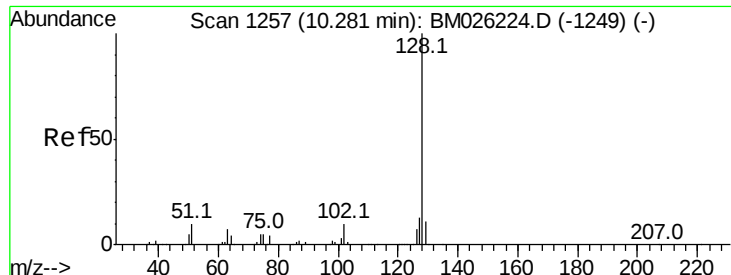
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.225 ng/ul

RT: 10.28 min Scan# 1257

Delta R.T. -0.00 min

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Instrument :

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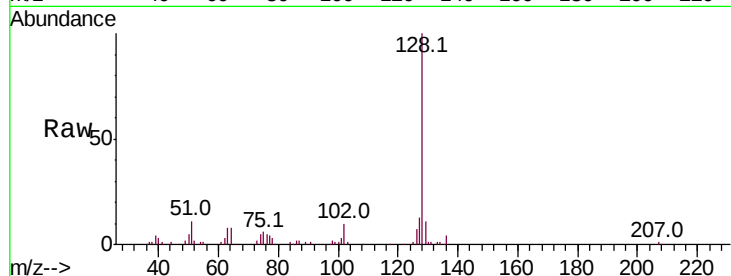
Tot Ion:128 Resp: 77246

Ion Ratio Lower Upper

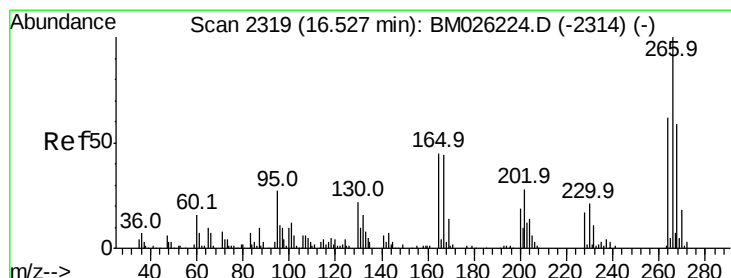
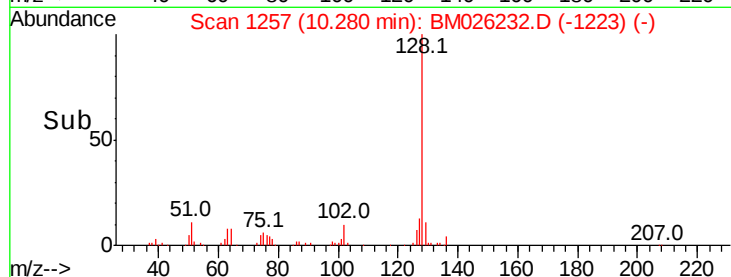
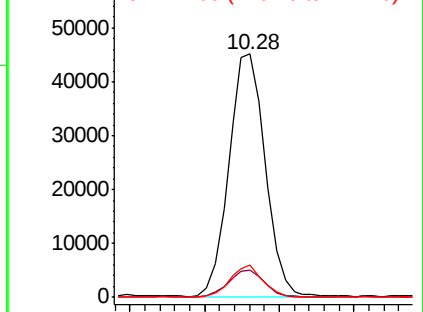
128 100

129 11.2 9.0 13.4

127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#69

Pentachlorophenol

Concen: 49.691 ng/ul

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

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Acq: 02 Jun 2020 17:52

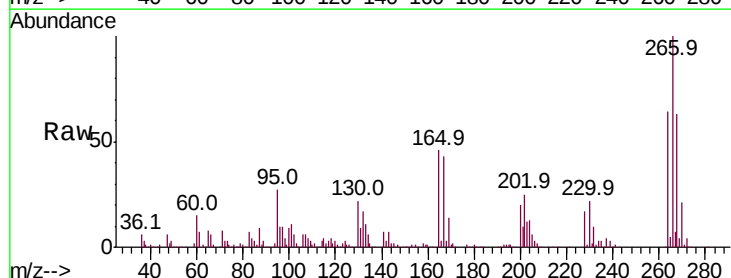
Tgt Ion:266 Resp: 243021

Ion Ratio Lower Upper

266 100

264 63.6 49.3 73.9

268 63.1 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 264.00 (263.70 to 264.70): E  
Ion 268.00 (267.70 to 268.70): E

