

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\  
 Data File : BN008576.D  
 Acq On : 15 Nov 2019 03:32  
 Operator : JU  
 Sample : K5819-01  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9

Quant Time: Nov 15 06:02:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN111319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 15 04:28:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 432008   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1678134  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 1044958  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 2057540  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 1510843  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 1609068  | 20.00 | ng/ul | -0.01    |

| 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                   | 0.00 | 99   | 0        | 0.00 | ng/ul |          |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67   | 0d       | 0.00 | ng/ul |          |
| 9) 2-Chlorophenol-d4           | 0.00 | 132  | 0        | 0.00 | ng/ul |          |
| 13) 4-Methylphenol-d8          | 0.00 | 113  | 0        | 0.00 | ng/ul |          |
| 19) Nitrobenzene-d5            | 0.00 | 128  | 0        | 0.00 | ng/ul |          |
| 22) 2-Nitrophenol-d4           | 0.00 | 143  | 0        | 0.00 | ng/ul |          |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165  | 0        | 0.00 | ng/ul |          |
| 29) 4-Chloroaniline-d4         | 0.00 | 131  | 0d       | 0.00 | ng/ul |          |
| 43) Dimethylphthalate-d6       | 0.00 | 166  | 0        | 0.00 | ng/ul |          |
| 46) Acenaphthylene-d8          | 0.00 | 160  | 0d       | 0.00 | ng/ul |          |
| 51) 4-Nitrophenol-d4           | 0.00 | 143  | 0        | 0.00 | ng/ul |          |
| 57) Fluorene-d10               | 0.00 | 176  | 0        | 0.00 | ng/ul |          |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200  | 0        | 0.00 | ng/ul |          |
| 70) Anthracene-d10             | 0.00 | 188  | 0d       | 0.00 | ng/ul |          |
| 78) Pyrene-d10                 | 0.00 | 212  | 0d       | 0.00 | ng/ul |          |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264  | 0d       | 0.00 | ng/ul |          |

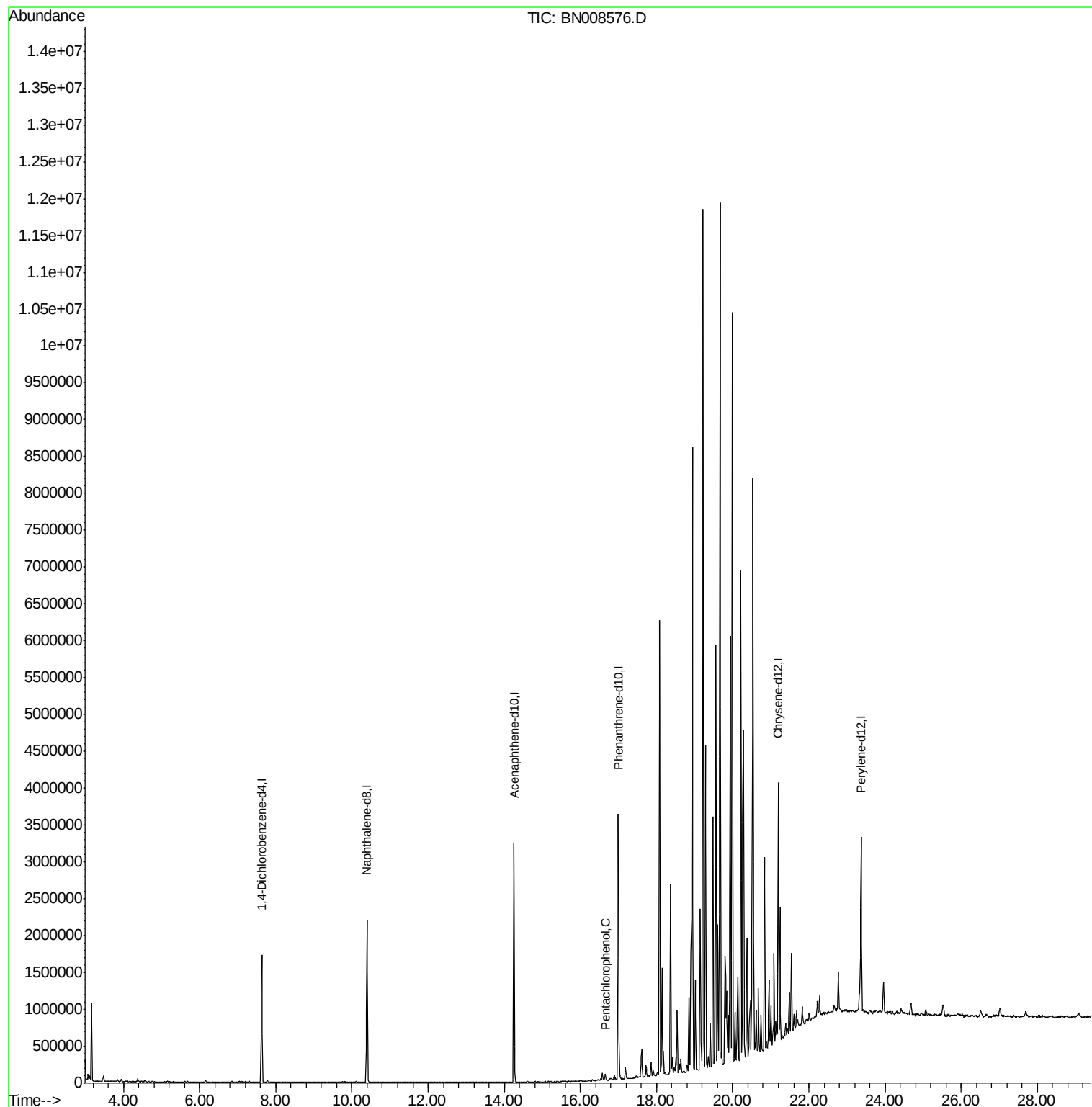
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 68) Pentachlorophenol | 16.66 | 266  | 13624    | 1.058 | ng/ul | 88     |

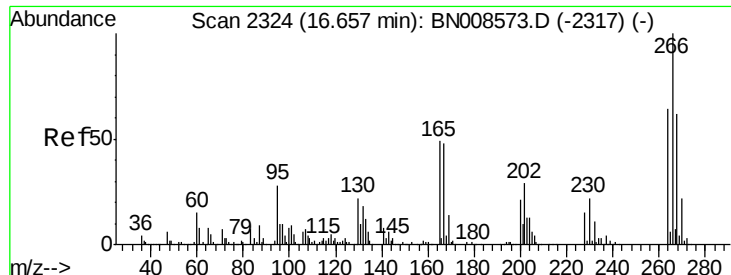
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#68

Pentachlorophenol

Concen: 1.058 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BN008576.D

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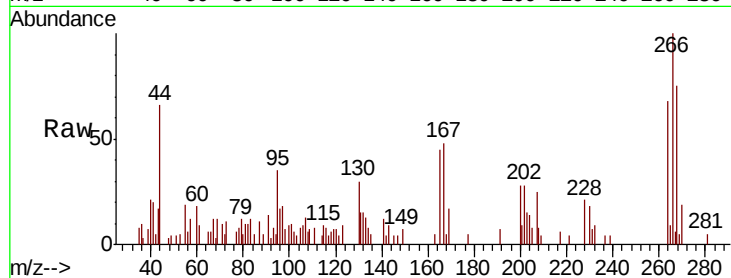
Tot Ion:266 Resp: 13624

Ion Ratio Lower Upper

266 100

264 67.6 48.2 72.4

268 75.0 51.6 77.4



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

