

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010524\  
 Data File : BP019283.D  
 Acq On : 05 Jan 2024 15:56  
 Operator : MA/JU  
 Sample : 05951-21DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCF85DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/08/2024  
 Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 05 16:26:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 03:48:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 107279   | 20.000  | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.592 | 136  | 412875   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 334172   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 743774   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 694146   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.674 | 264  | 971781   | 20.000  | ng/ul  | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 1784     | 0.568   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.669  | 84   | 12033    | 1.526   | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.993  | 99   | 24897    | 2.588   | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 16206    | 2.912   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 20893    | 2.694   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 19043    | 2.542   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 9801     | 2.746   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 11726    | 3.040   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.234 | 165  | 21239    | 2.727   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.751 | 131  | 6222     | 0.649   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 83870    | 2.841   | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 95184    | 2.972   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.704 | 143  | 10685m   | 2.144   | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.433 | 176  | 69694    | 2.733   | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.574 | 200  | 8387     | 1.720   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.298 | 188  | 115260   | 2.967   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.545 | 212  | 133311   | 3.151   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.515 | 264  | 159835   | 2.861   | ng/ul  | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.080 | 232  | 53224m   | 6.987   | ng/ul  | Qvalue   |
| 71) Pentachlorophenol         | 16.863 | 266  | 2814210  | 424.277 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.245 | 178  | 71604    | 1.589   | ng/ul# | 90       |
| 83) Butylbenzylphthalate      | 20.451 | 149  | 65301    | 3.594   | ng/ul# | 78       |
| 86) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 628770   | 23.504  | ng/ul  | 98       |
| -----                         |        |      |          |         |        |          |

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

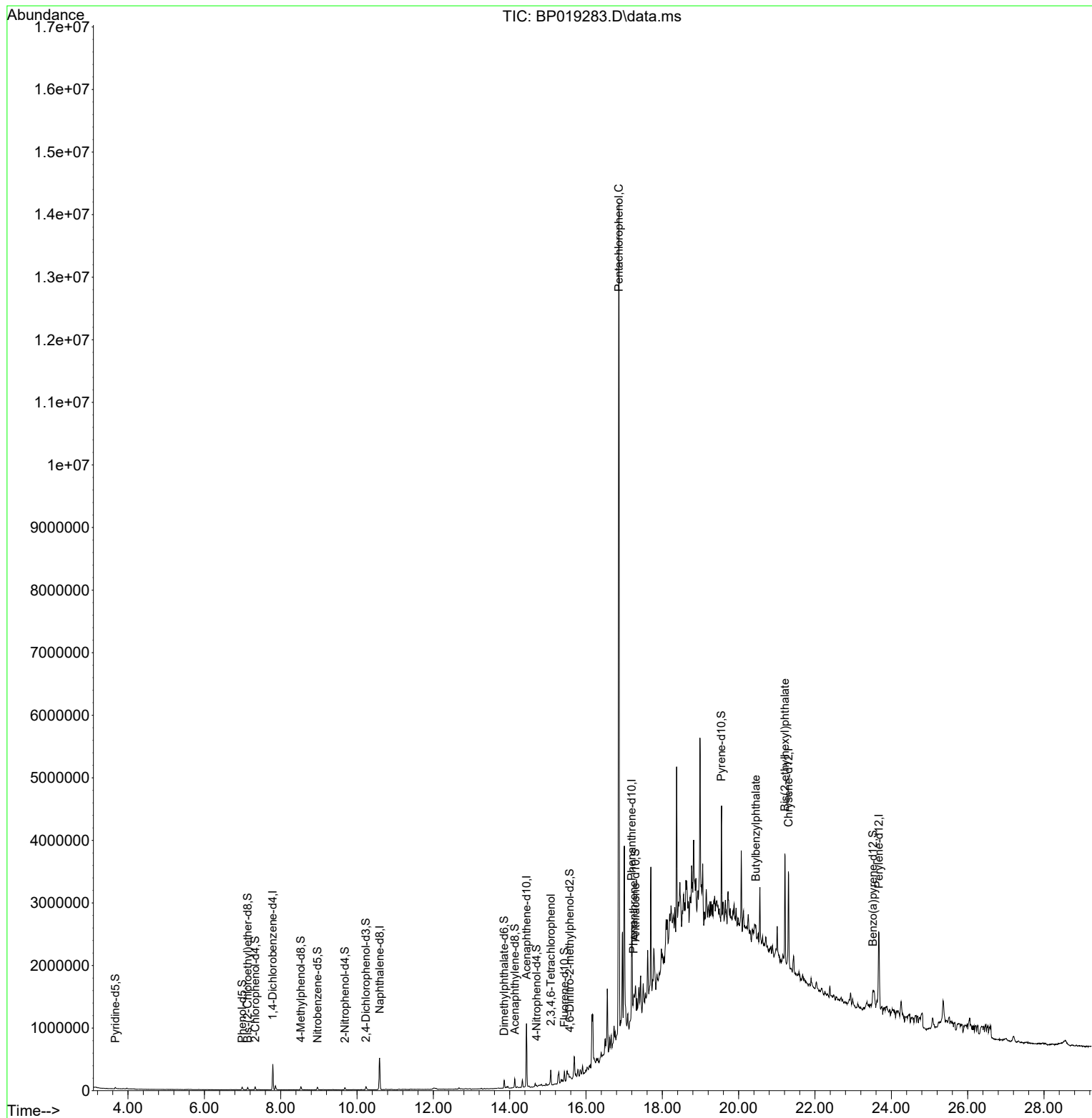
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010524\  
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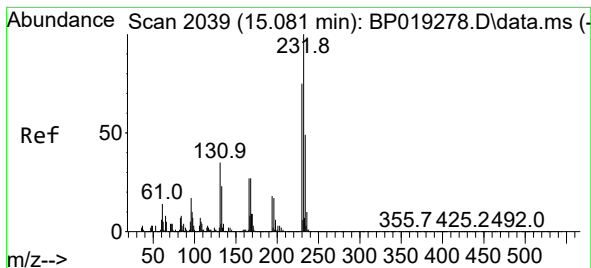
Instrument :  
BNA\_P  
ClientSampleId :  
GCF85DL

Quant Time: Jan 05 16:26:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
Quant Title : SVOA CALIBRATION  
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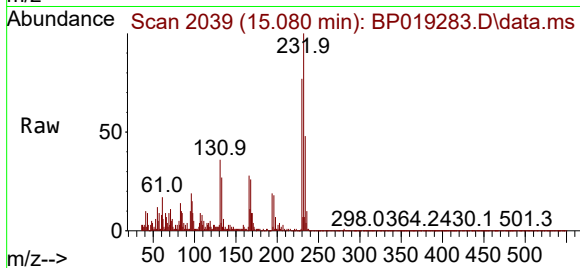
Reviewed By :Yogesh Patel 01/08/2024  
Supervised By :mohammad ahmed 01/08/2024





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 6.987 ng/ul m  
RT: 15.080 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: BP019283.D  
Acq: 05 Jan 2024 15:56

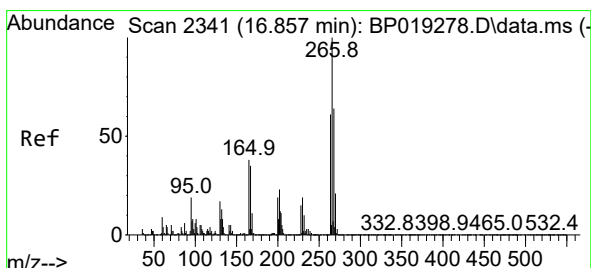
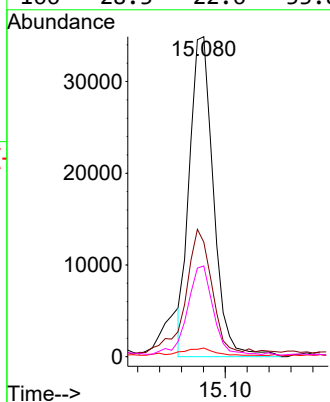
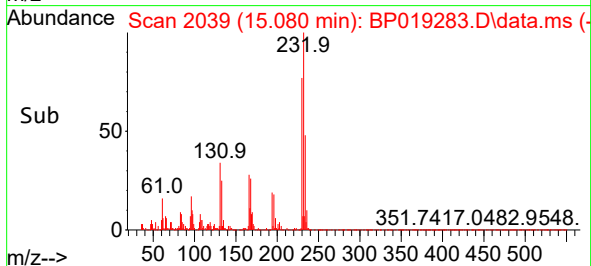
Instrument :  
BNA\_P  
ClientSampleId :  
GCF85DL



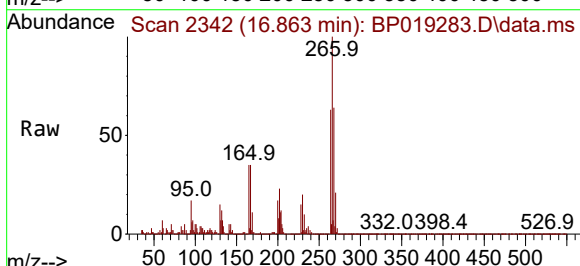
Tgt Ion:232 Resp: 53224  
Ion Ratio Lower Upper  
232 100  
131 35.8 29.3 43.9  
130 2.7 1.4 2.2  
166 28.3 22.6 33.8

Manual Integrations  
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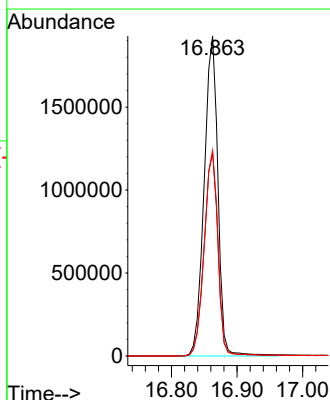
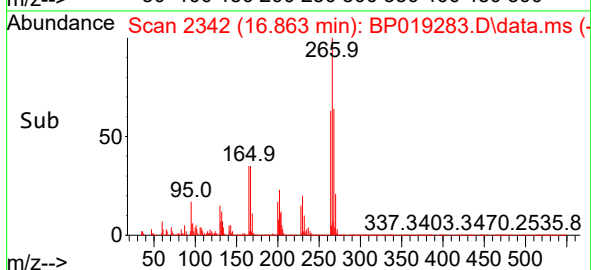
Reviewed By :Yogesh Patel 01/08/2024  
Supervised By :mohammad ahmed 01/08/2024

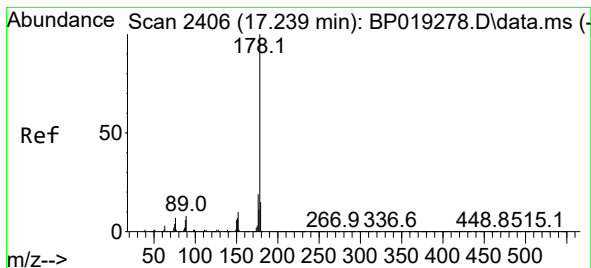


#71  
Pentachlorophenol  
Concen: 424.277 ng/ul  
RT: 16.863 min Scan# 2342  
Delta R.T. 0.011 min  
Lab File: BP019283.D  
Acq: 05 Jan 2024 15:56



Tgt Ion:266 Resp: 2814210  
Ion Ratio Lower Upper  
266 100  
264 63.5 50.0 75.0  
268 64.2 52.8 79.2





#72

Phenanthrene

Concen: 1.589 ng/ul

RT: 17.245 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BP019283.D

Acq: 05 Jan 2024 15:56

Instrument :

BNA\_P

ClientSampleId :

GCF85DL

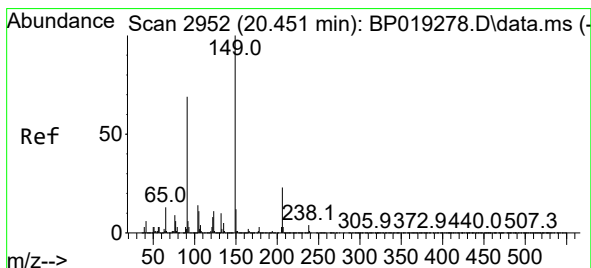
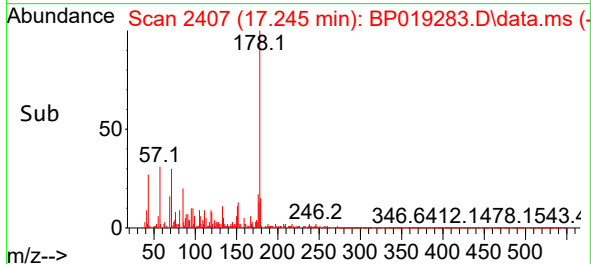
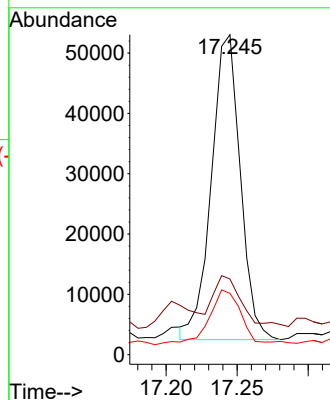
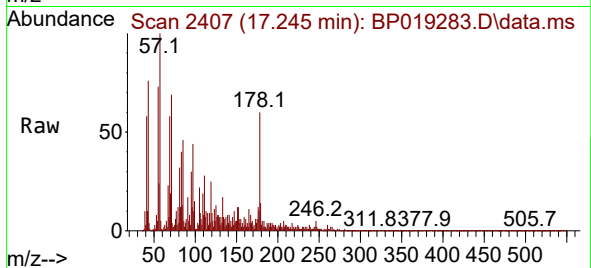
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 71604     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 23.6  | 11.9 17.9 |
| 176         | 19.1  | 15.0 22.6 |

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#83

Butylbenzylphthalate

Concen: 3.594 ng/ul

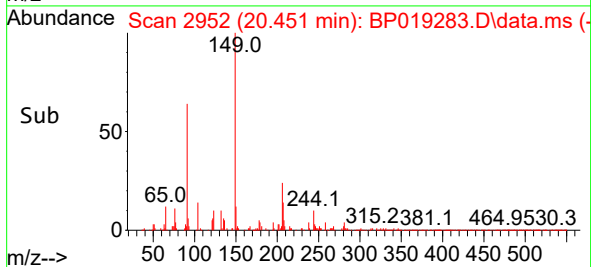
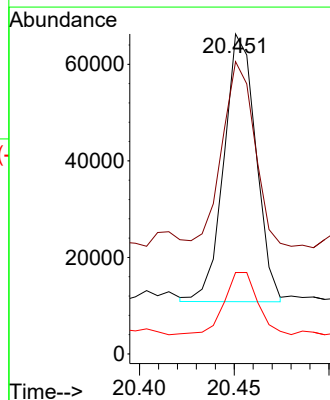
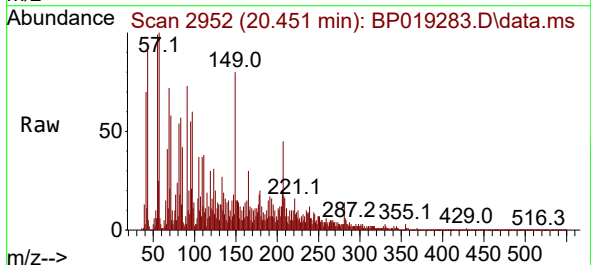
RT: 20.451 min Scan# 2952

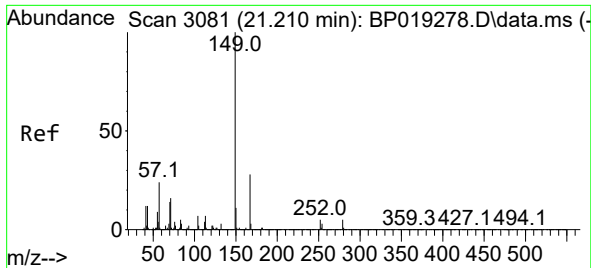
Delta R.T. -0.006 min

Lab File: BP019283.D

Acq: 05 Jan 2024 15:56

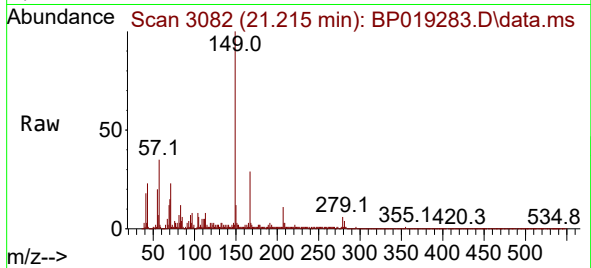
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 65301     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 91          | 91.4  | 55.6 83.4 |
| 206         | 25.5  | 17.9 26.9 |





#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 23.504 ng/ul  
 RT: 21.215 min Scan# 3082  
 Delta R.T. -0.006 min  
 Lab File: BP019283.D  
 Acq: 05 Jan 2024 15:56

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCF85DL



Tgt Ion:149 Resp: 628770  
 Ion Ratio Lower Upper  
 149 100  
 167 29.3 22.5 33.7  
 279 5.8 4.0 6.0

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