

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\  
 Data File : BN008545.D  
 Acq On : 14 Nov 2019 05:23  
 Operator : JU  
 Sample : K5678-19  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLMK4

Quant Time: Nov 14 07:07:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN111319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 13 15:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 333843   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 1386761  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 881121   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 1767779  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 1510279  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.38 | 264  | 1689901  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 25542   | 3.10  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 614092  | 20.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 389946  | 21.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 483895  | 21.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 440669  | 19.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 232460  | 24.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 242738  | 27.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 503135  | 22.22 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 339727  | 12.81 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 1584565 | 22.72 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 1846010 | 23.20 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 149839  | 13.86 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.25 | 176 | 1362667 | 23.52 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 115829  | 17.16 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.10 | 188 | 2003534 | 23.91 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.40 | 212 | 2149921 | 24.93 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.24 | 264 | 2088416 | 23.79 | ng/ul | 0.00 |

## Target Compounds

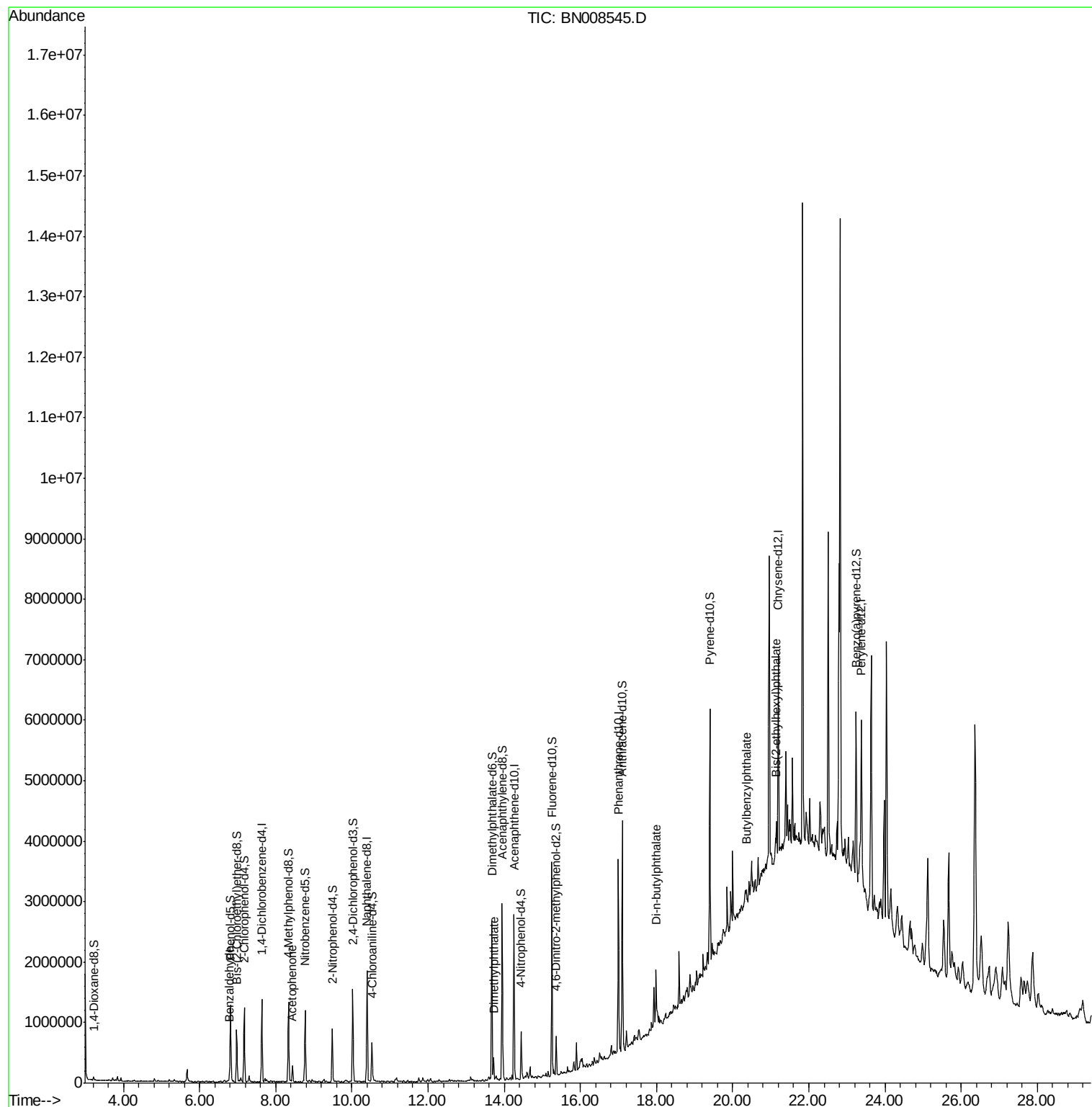
|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 4) Benzaldehyde                | 6.79  | 77  | 21631  | 1.289 | ng/ul 90  |
| 14) Acetophenone               | 8.44  | 105 | 128060 | 3.488 | ng/ul 95  |
| 44) Dimethylphthalate          | 13.72 | 163 | 218263 | 3.232 | ng/ul 99  |
| 75) Di-n-butylphthalate        | 17.99 | 149 | 564322 | 5.152 | ng/ul 98  |
| 80) Butylbenzylphthalate       | 20.35 | 149 | 43539  | 1.090 | ng/ul# 82 |
| 83) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 218704 | 3.339 | ng/ul# 99 |

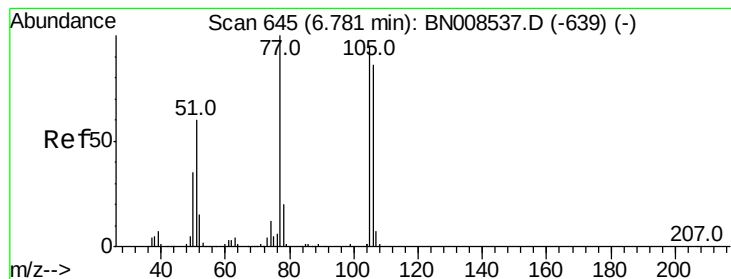
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.289 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BN008545.D

Acq: 14 Nov 2019 05:23

Instrument :

BNA\_N

ClientSampleId :

JLMK4

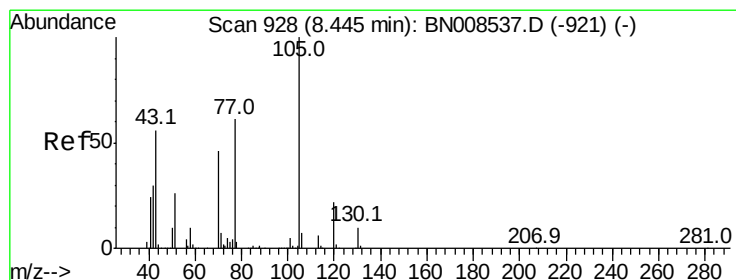
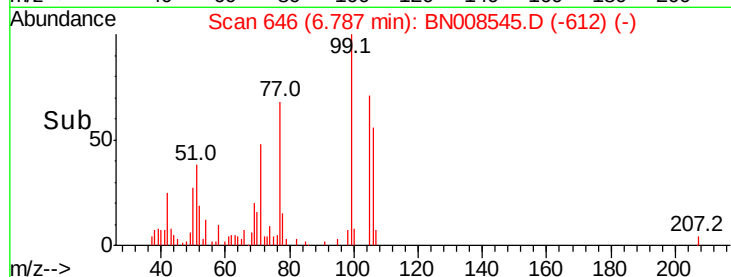
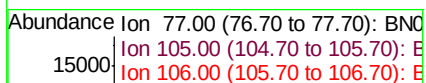
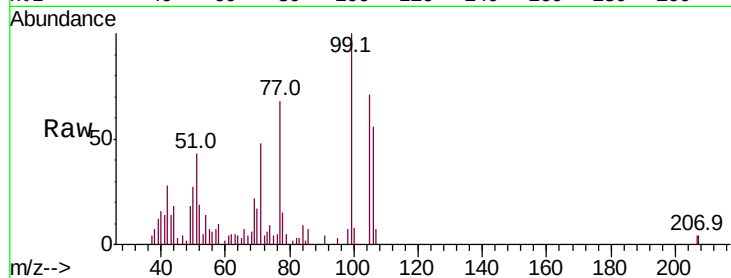
Tot Ion: 77 Resp: 21631

Ion Ratio Lower Upper

77 100

105 103.9 76.6 114.8

106 81.8 73.9 110.9



#14

Acetophenone

Concen: 3.488 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BN008545.D

Acq: 14 Nov 2019 05:23

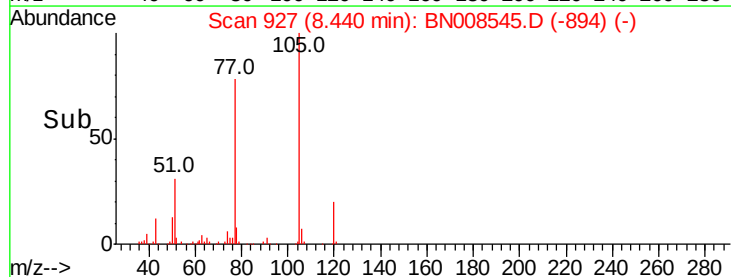
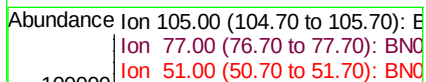
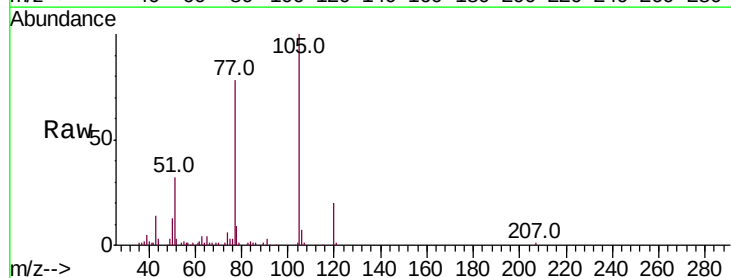
Tgt Ion: 105 Resp: 128060

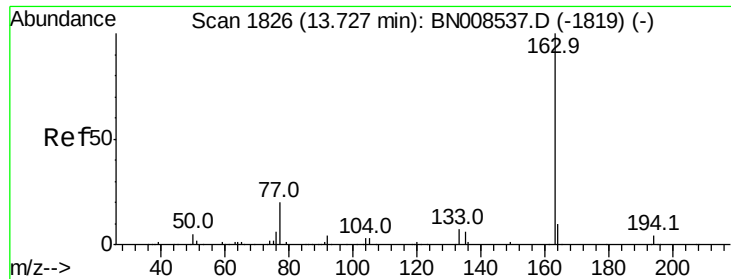
Ion Ratio Lower Upper

105 100

77 78.2 66.8 100.2

51 31.6 27.0 40.6

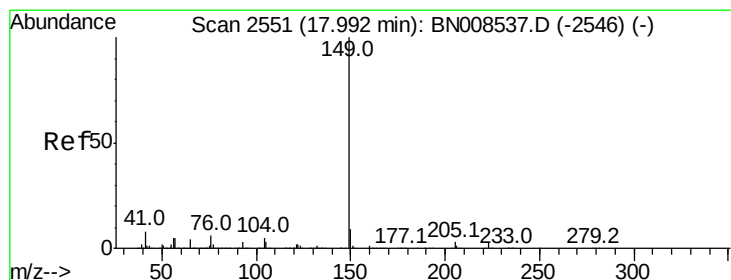
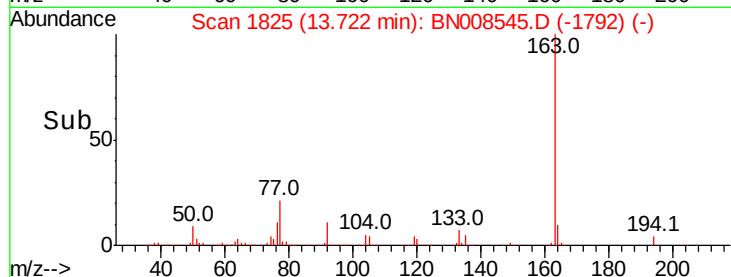
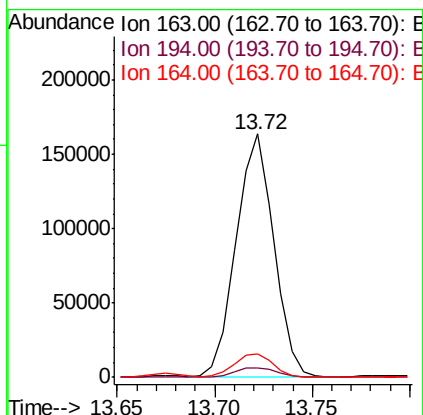
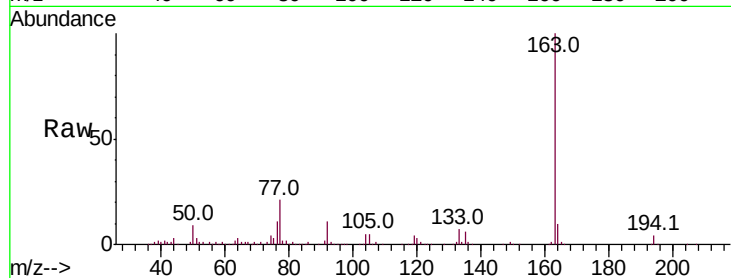




#44  
 Dimethylphthalate  
 Concen: 3.232 ng/ul  
 RT: 13.72 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BN008545.D  
 Acq: 14 Nov 2019 05:23

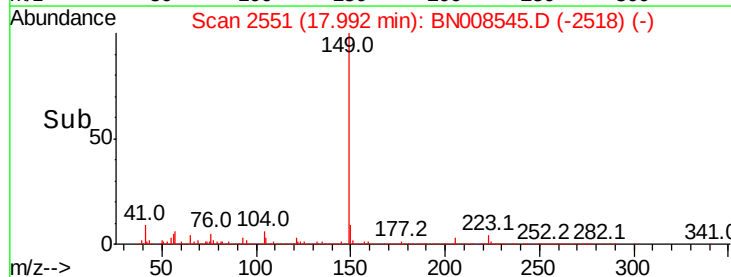
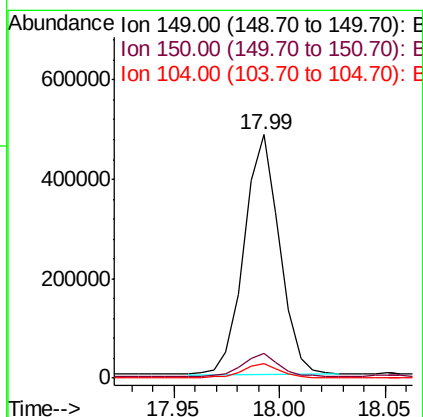
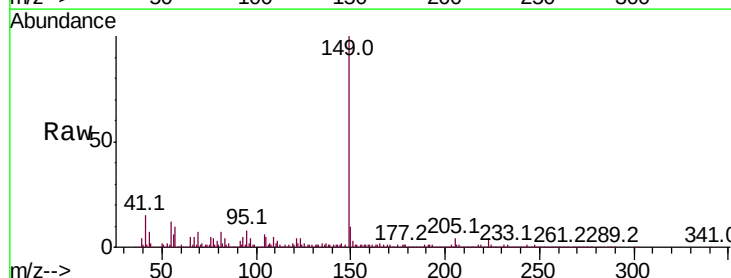
Instrument :  
 BNA\_N  
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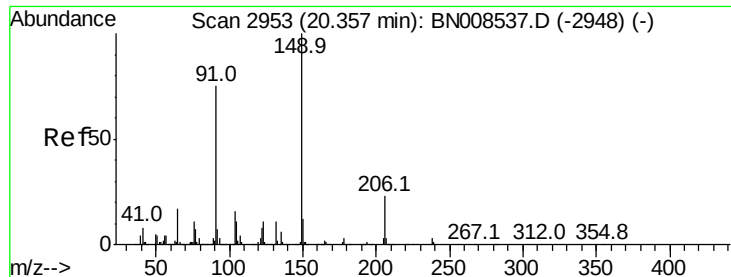
Tot Ion:163 Resp: 218263  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.6 5.4  
 164 9.7 8.1 12.1



#75  
 Di-n-butylphthalate  
 Concen: 5.152 ng/ul  
 RT: 17.99 min Scan# 2551  
 Delta R.T. -0.01 min  
 Lab File: BN008545.D  
 Acq: 14 Nov 2019 05:23

Tgt Ion:149 Resp: 564322  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.0 10.4  
 104 5.7 4.5 6.7





#80

Butylbenzylphthalate

Concen: 1.090 ng/ul

RT: 20.35 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BN008545.D

Acq: 14 Nov 2019 05:23

Instrument :

BNA\_N

ClientSampleId :

JLMK4

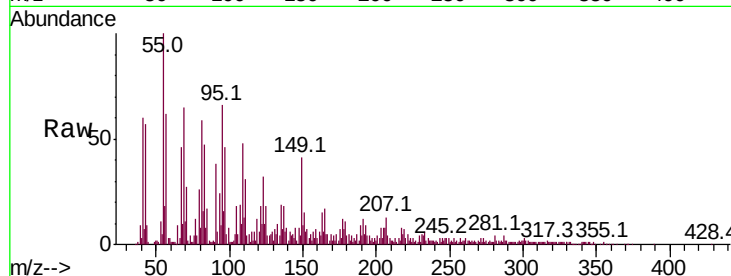
Tot Ion:149 Resp: 43539

Ion Ratio Lower Upper

149 100

91 94.9 60.9 91.3#

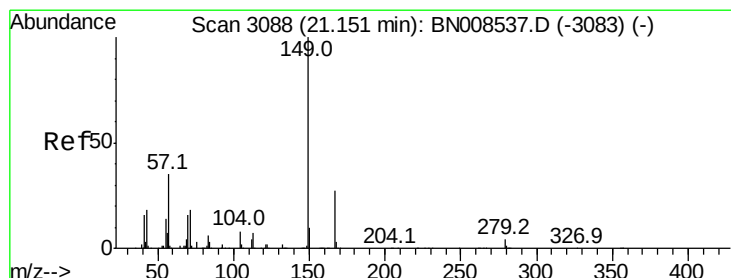
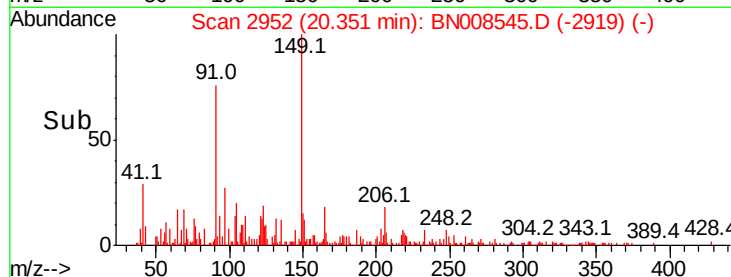
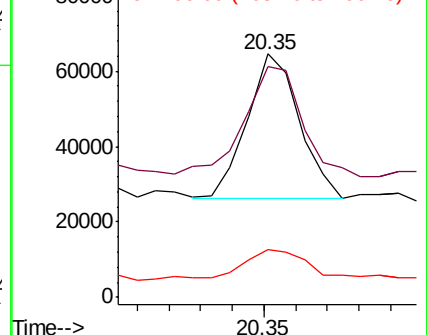
206 19.4 15.9 23.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNA\_N

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.339 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BN008545.D

Acq: 14 Nov 2019 05:23

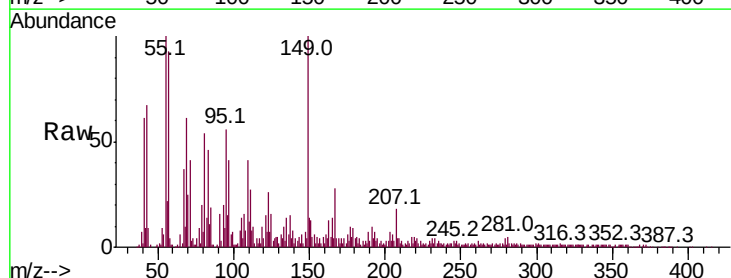
Tgt Ion:149 Resp: 218704

Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

