

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012522\  
 Data File : BN018465.D  
 Acq On : 25 Jan 2022 18:37  
 Operator : CG/JU  
 Sample : PB142256BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB142256BL

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 01/26/2022  
 Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 04:07:43 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 18:25:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.956  | 152  | 34246    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.761 | 136  | 150745   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.573 | 164  | 78521    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.309 | 188  | 144834   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.482 | 240  | 96453    | 0.400 | ng    | -0.01    |
| 35) Perylene-d12            | 23.888 | 264  | 68017    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.531  | 112  | 32085    | 0.378 | ng    | 0.02     |
| 5) Phenol-d6                | 7.116  | 99   | 34141    | 0.370 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.101  | 82   | 33097m   | 0.381 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.340 | 152  | 89452    | 0.354 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.056 | 330  | 4883     | 0.206 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.203 | 172  | 125147   | 0.444 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 19.331 | 212  | 149812   | 0.343 | ng    | -0.01    |
| 31) Terphenyl-d14           | 19.926 | 244  | 134835   | 0.450 | ng    | -0.01    |

Target Compounds Qvalue

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

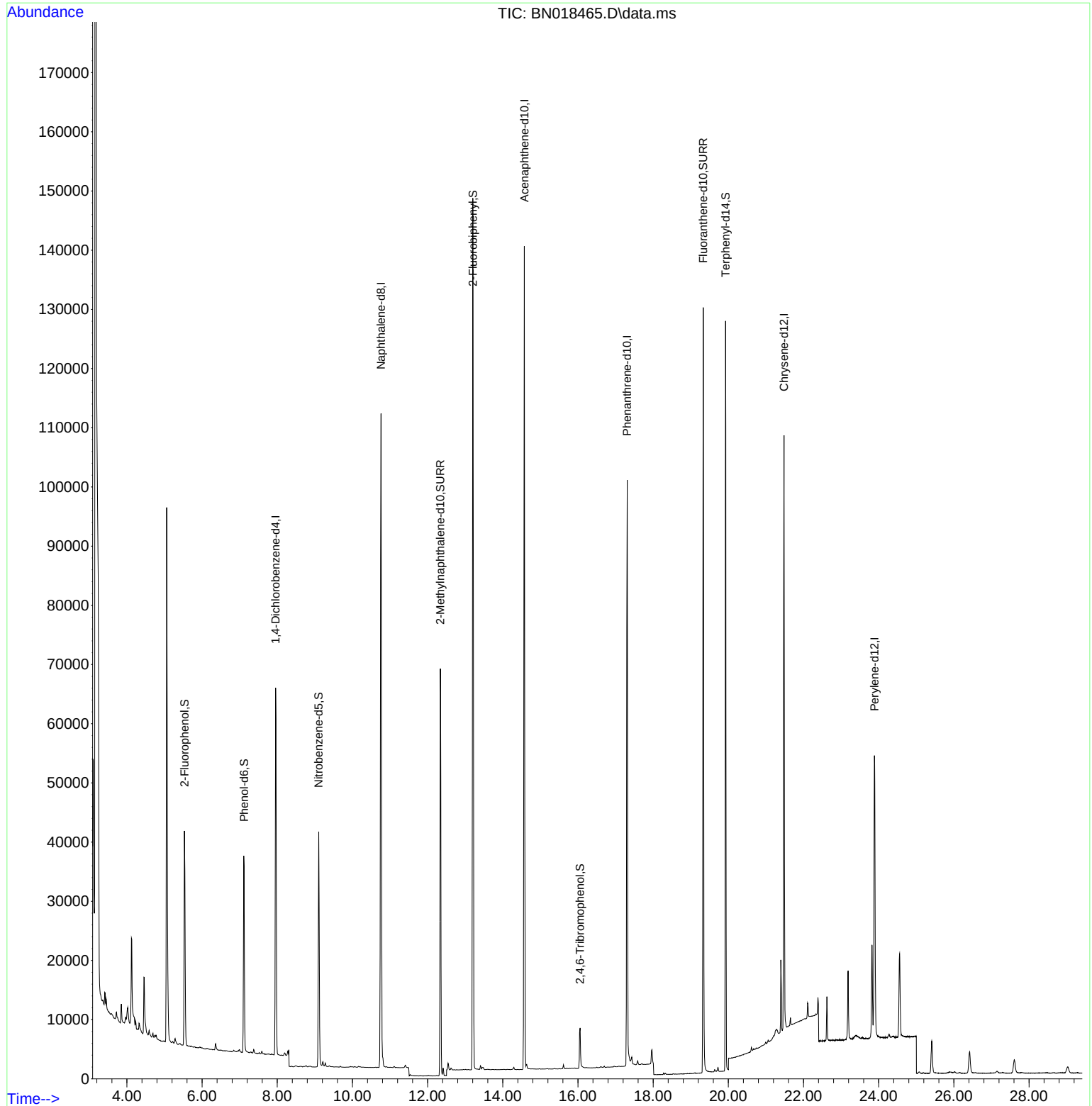
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012522\  
Data File : BN018465.D  
Acq On : 25 Jan 2022 18:37  
Operator : CG/JU  
Sample : PB142256BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

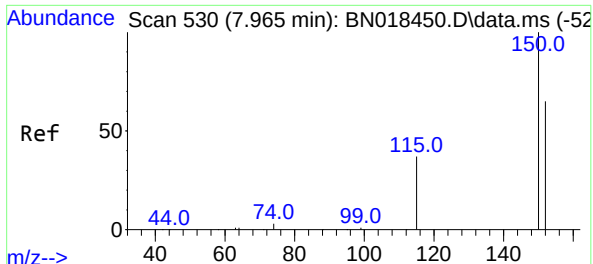
Instrument :  
BNA\_N  
ClientSampleId :  
PB142256BL

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Supervised By : Jagrut Upadhyay 01/26/2022

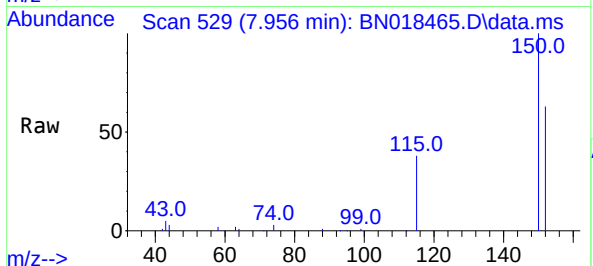
Quant Time: Jan 26 04:07:43 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN012422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 24 18:25:49 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.956 min Scan# 51  
Delta R.T. -0.009 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

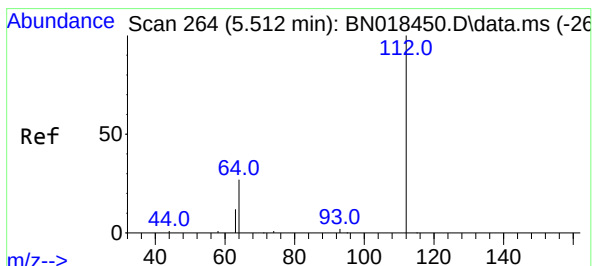
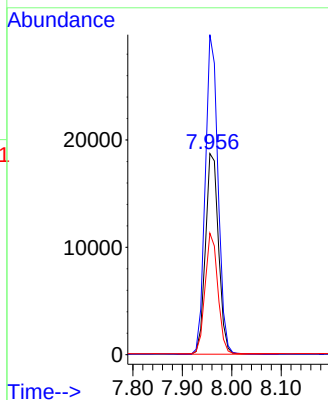
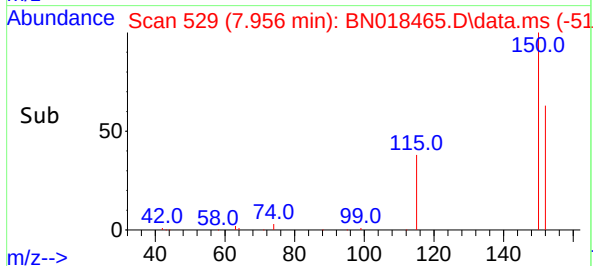
Instrument :  
BNA\_N  
ClientSampleId :  
PB142256BL



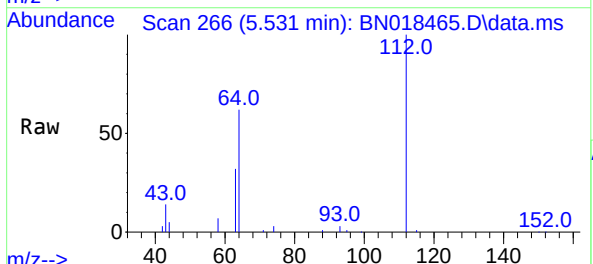
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Ion Ratio Lower Upper  
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150 159.1 121.7 182.5  
115 60.4 43.8 65.8

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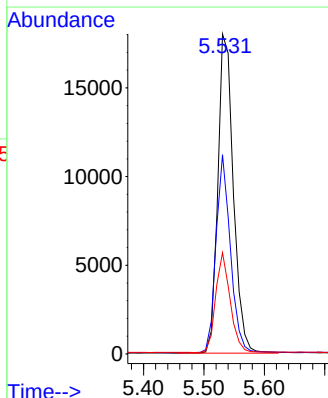
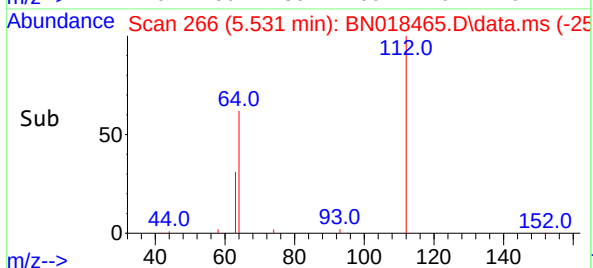
Reviewed By :Christian Giraldo 01/26/2022  
Supervised By :Jagrut Upadhyay 01/26/2022

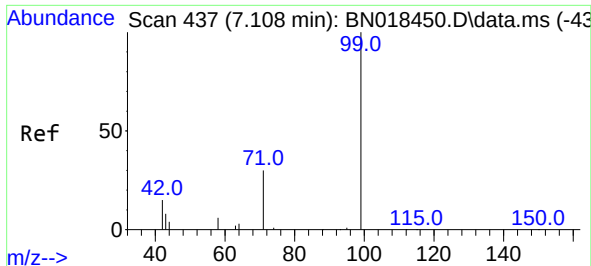


#4  
2-Fluorophenol  
Concen: 0.378 ng  
RT: 5.531 min Scan# 266  
Delta R.T. 0.018 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37



Tgt Ion:112 Resp: 32085  
Ion Ratio Lower Upper  
112 100  
64 57.6 48.0 72.0  
63 29.2 25.3 37.9





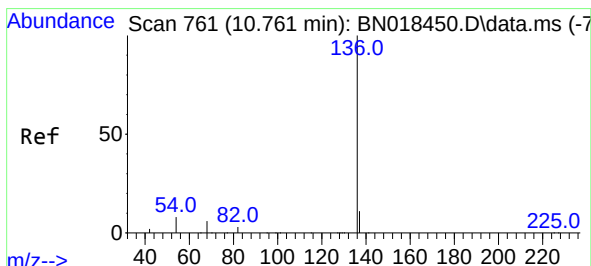
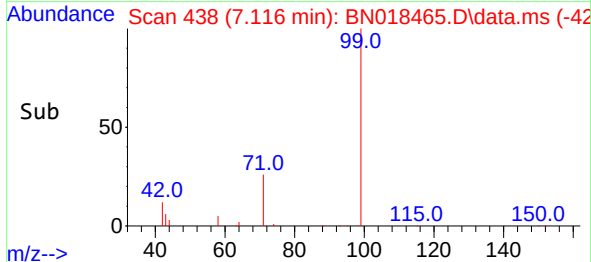
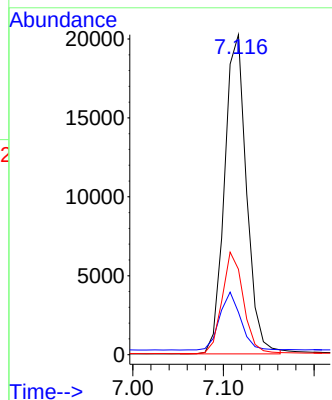
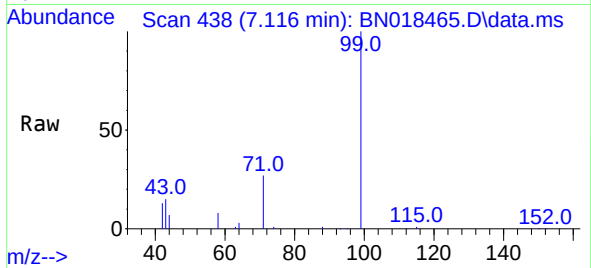
#5  
Phenol-d6  
Concen: 0.370 ng  
RT: 7.116 min Scan# 41  
Delta R.T. 0.009 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

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BNA\_N  
ClientSampleId :  
PB142256BL

Tgt Ion: 99 Resp: 3414  
Ion Ratio Lower Upper  
99 100  
42 17.3 16.3 24.5  
71 30.8 26.8 40.2

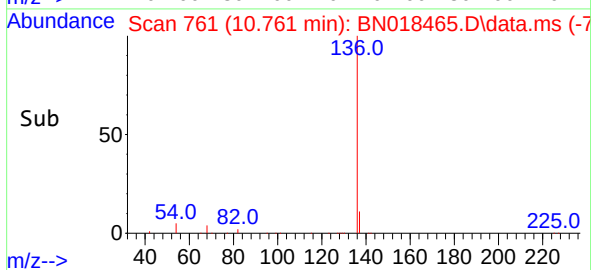
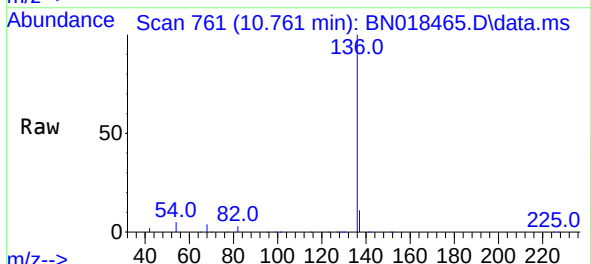
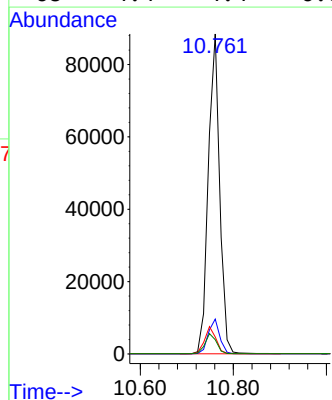
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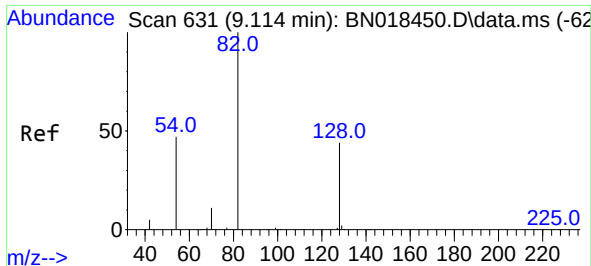
Reviewed By :Christian Giraldo 01/26/2022  
Supervised By :Jagrut Upadhyay 01/26/2022



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.761 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

Tgt Ion:136 Resp: 150745  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 5.3 5.0 7.6  
68 4.4 4.4 6.6





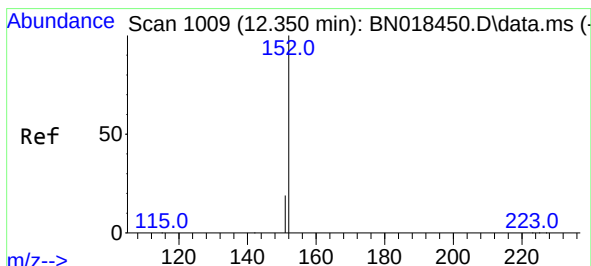
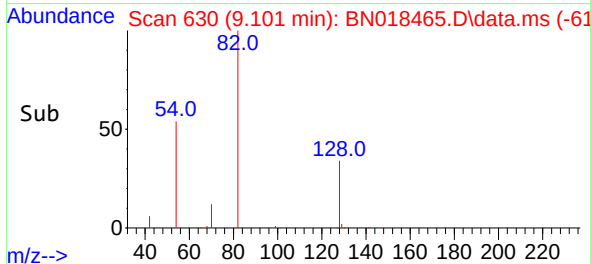
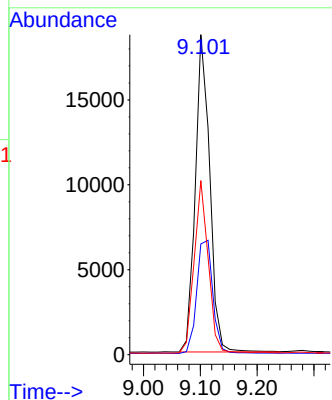
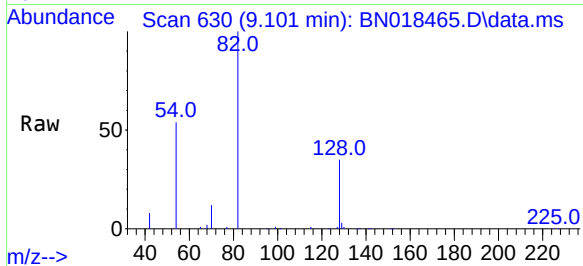
#8  
Nitrobenzene-d5  
Concen: 0.381 ng m  
RT: 9.101 min Scan# 61  
Delta R.T. -0.013 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

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ClientSampleId :  
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Tgt Ion: 82 Resp: 3309  
Ion Ratio Lower Upper  
82 100  
128 34.6 33.7 50.5  
54 54.4 36.6 55.0

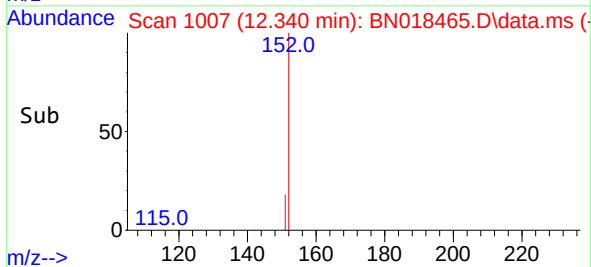
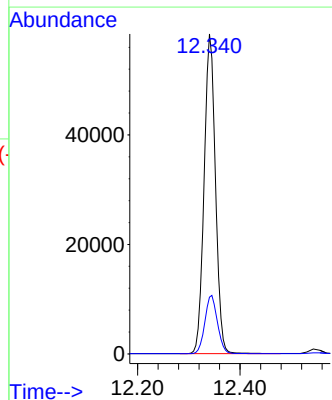
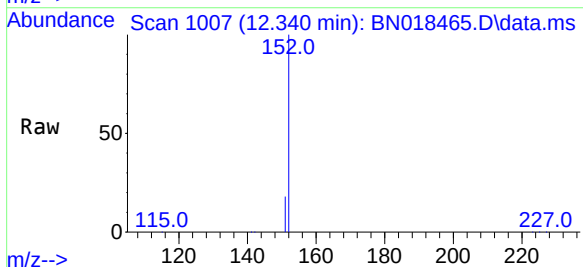
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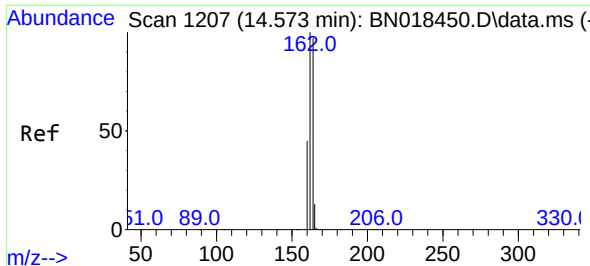
Reviewed By :Christian Giraldo 01/26/2022  
Supervised By :Jagrut Upadhyay 01/26/2022



#11  
2-Methylnaphthalene-d10  
Concen: 0.354 ng  
RT: 12.340 min Scan# 1007  
Delta R.T. -0.009 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

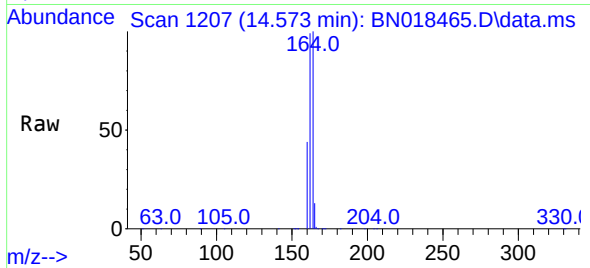
Tgt Ion:152 Resp: 89452  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.573 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

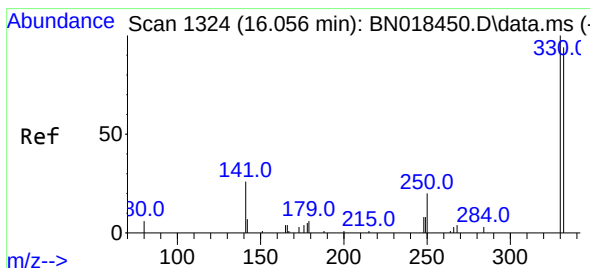
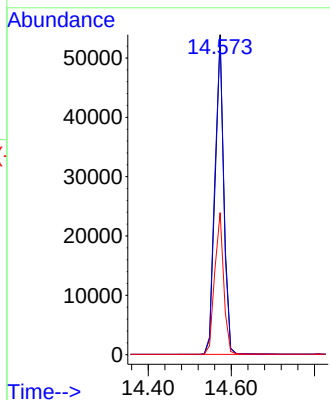
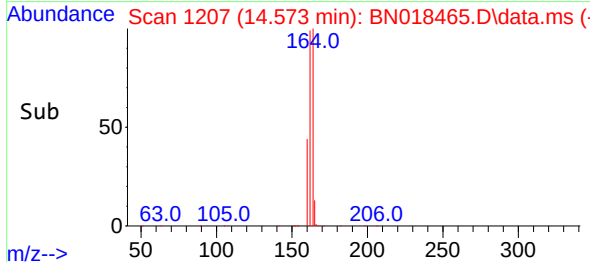
Instrument :  
BNA\_N  
ClientSampleId :  
PB142256BL



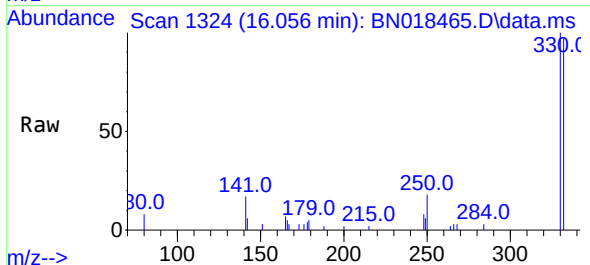
Tgt Ion:164 Resp: 7852  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.2 120.2  
160 44.4 36.9 55.3

Manual Integrations  
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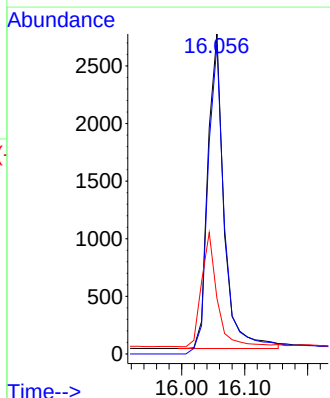
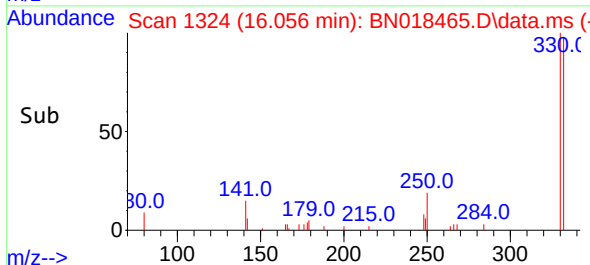
Reviewed By :Christian Giraldo 01/26/2022  
Supervised By :Jagrut Upadhyay 01/26/2022

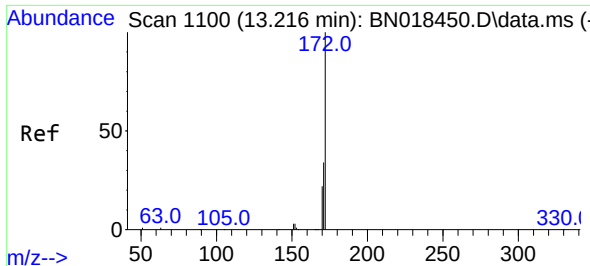


#14  
2,4,6-Tribromophenol  
Concen: 0.206 ng  
RT: 16.056 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37



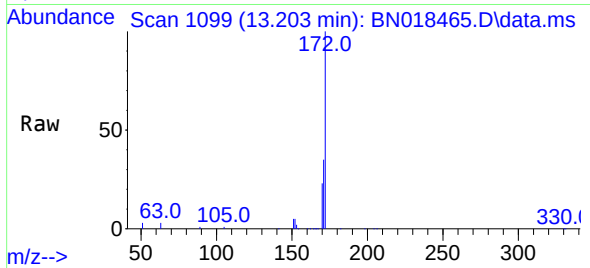
Tgt Ion:330 Resp: 4883  
Ion Ratio Lower Upper  
330 100  
332 105.3 0.0 0.0#  
141 34.9 21.3 31.9#





#15  
2-Fluorobiphenyl  
Concen: 0.444 ng  
RT: 13.203 min Scan# 1099  
Delta R.T. -0.013 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

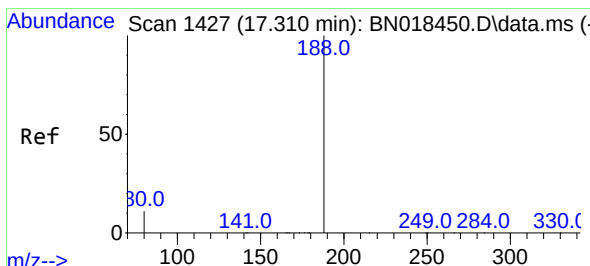
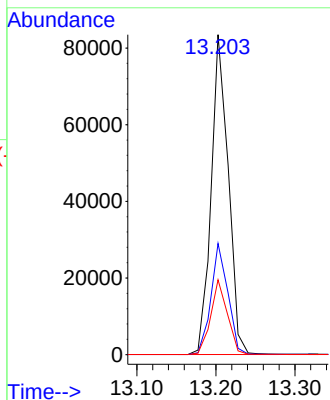
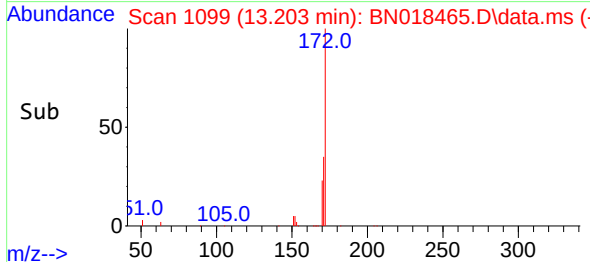
Instrument :  
BNA\_N  
ClientSampleId :  
PB142256BL



Tgt Ion:172 Resp: 12514  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.0  
170 23.4 18.4 27.6

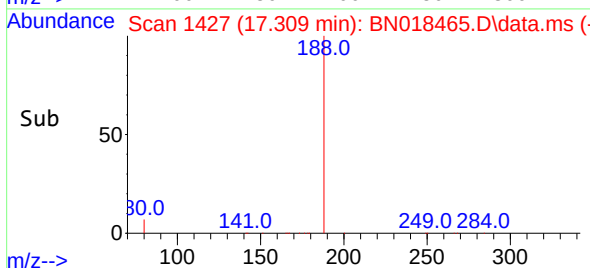
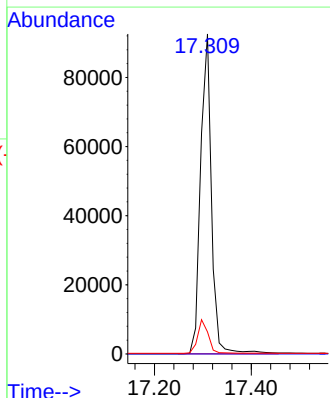
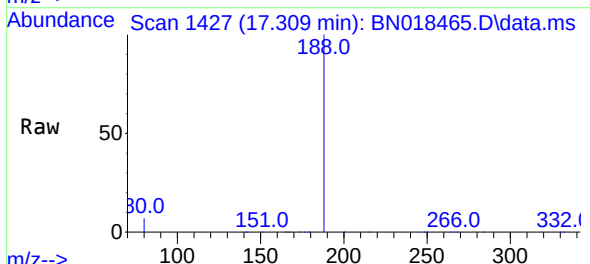
Manual Integrations  
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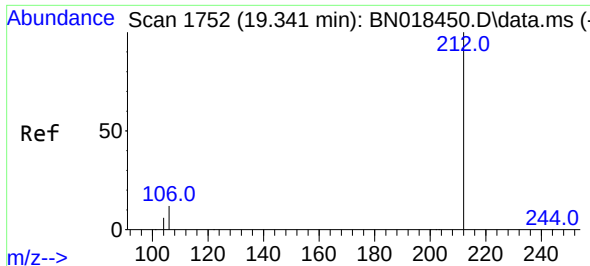
Reviewed By :Christian Giraldo 01/26/2022  
Supervised By :Jagrut Upadhyay 01/26/2022



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.309 min Scan# 1427  
Delta R.T. -0.001 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

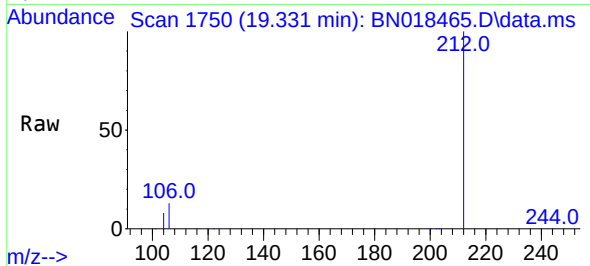
Tgt Ion:188 Resp: 144834  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.9 7.0 10.4





#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.331 min Scan# 1750  
Delta R.T. -0.010 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

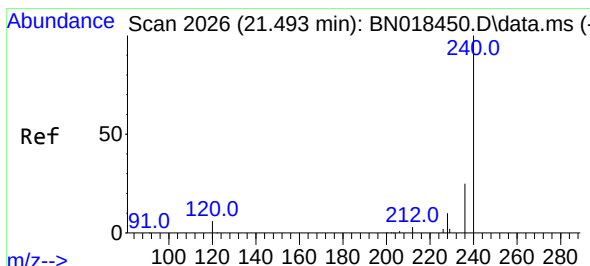
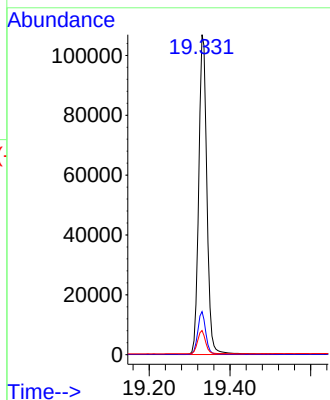
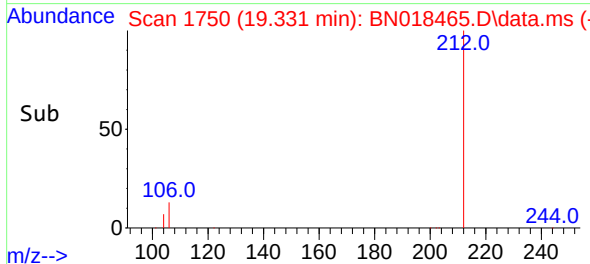
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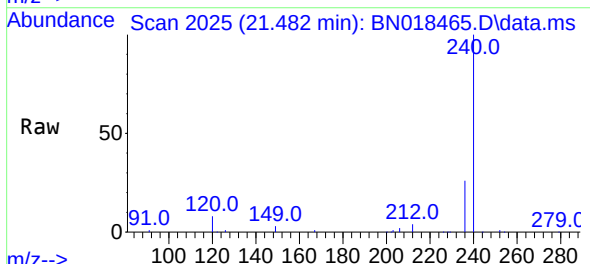
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106 13.1 8.4 12.6  
104 7.1 4.5 6.7

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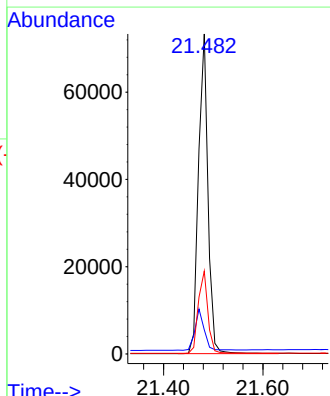
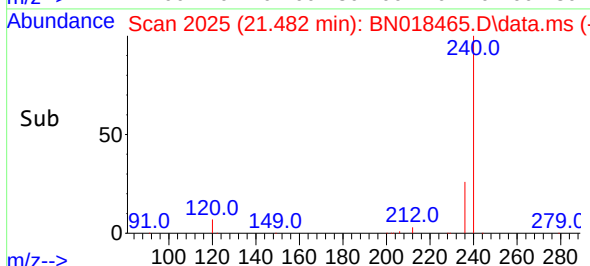
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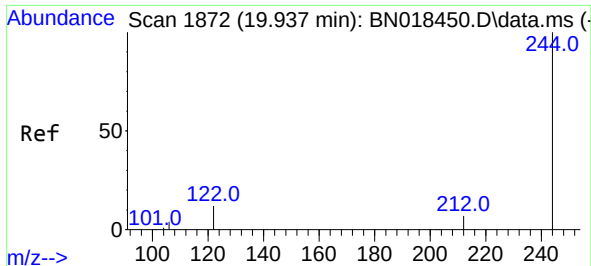
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.482 min Scan# 2025  
Delta R.T. -0.011 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37



Tgt Ion:240 Resp: 96453  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.0 9.0  
236 25.9 21.4 32.2

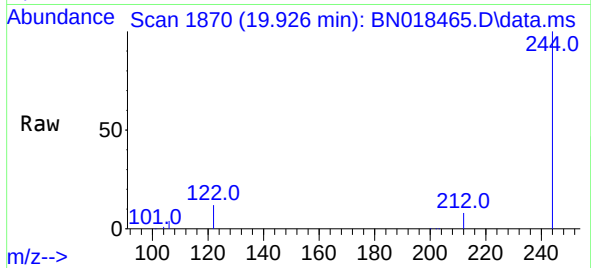






#31  
Terphenyl-d14  
Concen: 0.450 ng  
RT: 19.926 min Scan# 1872  
Delta R.T. -0.010 min  
Lab File: BN018465.D  
Acq: 25 Jan 2022 18:37

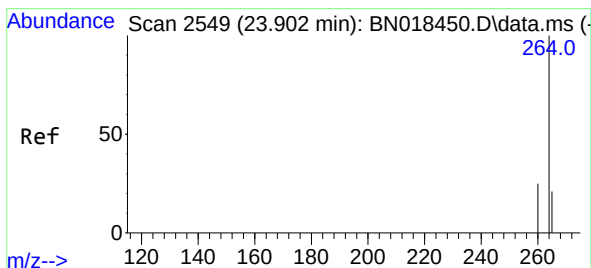
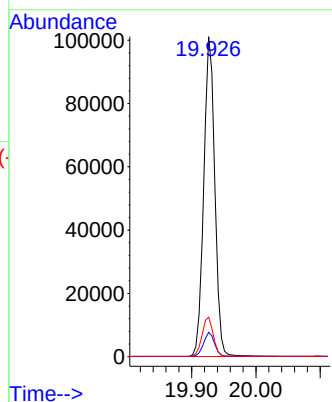
Instrument :  
BNA\_N  
ClientSampleId :  
PB142256BL



Tgt Ion:244 Resp: 134835  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.2 9.2  
122 12.4 7.9 11.9

Manual Integrations  
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#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.888 min Scan# 2545  
Delta R.T. -0.014 min  
Lab File: BN018465.D  
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Tgt Ion:264 Resp: 68017  
Ion Ratio Lower Upper  
264 100  
260 24.8 20.2 30.4  
265 34.3 18.2 27.2

