

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008433.D  
 Acq On : 16 Dec 2021 02:16  
 Operator : CG/JU  
 Sample : M5018-39  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP6

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/16/2021  
 Supervised By : Jagrut Upadhyay 12/16/2021

Quant Time: Dec 16 06:47:55 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 52524    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 182168   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.398 | 164  | 111993   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.157 | 188  | 232149   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.263 | 240  | 297118   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.633 | 264  | 355448   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 373099   | 112.180 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 454098   | 101.658 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 319606   | 74.327  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 185989   | 113.007 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 615901   | 69.909  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.733 | 244  | 1079687  | 63.243  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene            | 19.186 | 202  | 41933    | 2.954   | ng    | 97       |
| 83) Chrysene                | 21.304 | 228  | 40527m   | 2.131   | ng    |          |
| 88) Benzo(b)fluoranthene    | 22.921 | 252  | 51452    | 2.406   | ng    | # 97     |
| -----                       |        |      |          |         |       |          |

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

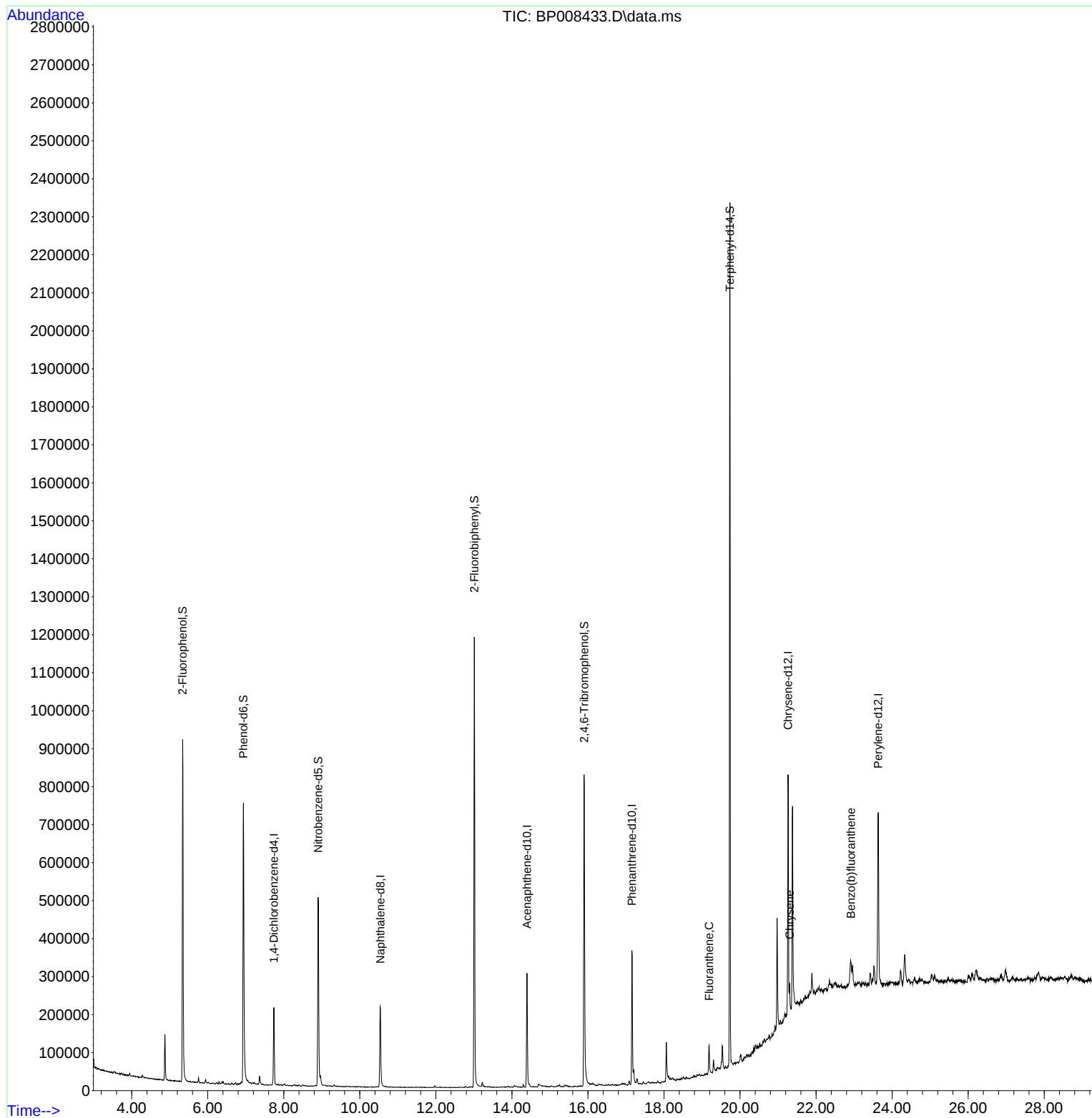
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
Data File : BP008433.D  
Acq On : 16 Dec 2021 02:16  
Operator : CG/JU  
Sample : M5018-39  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

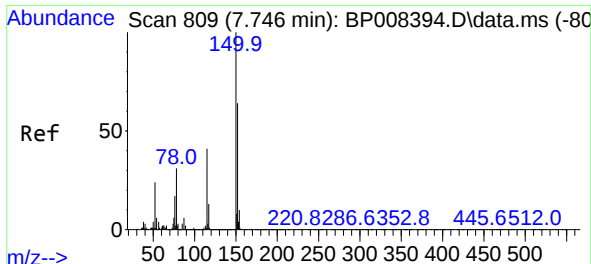
Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 14 17:59:47 2021  
Response via : Initial Calibration





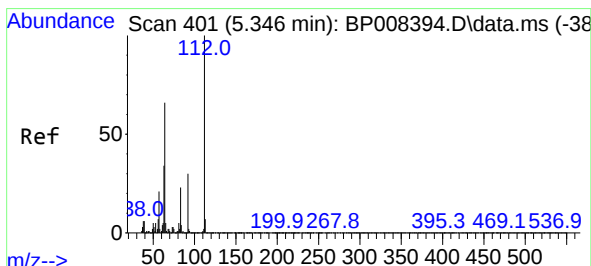
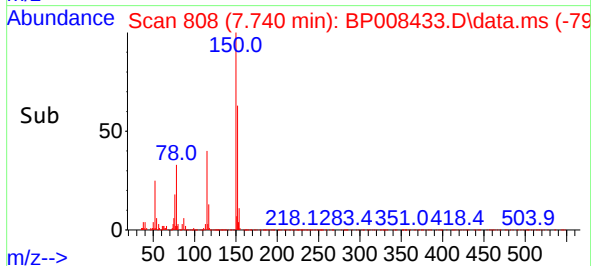
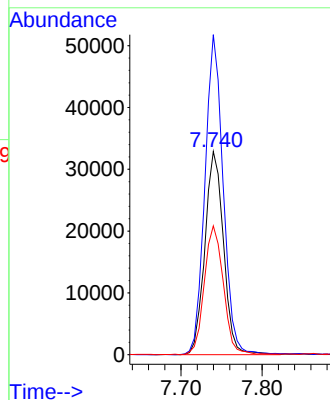
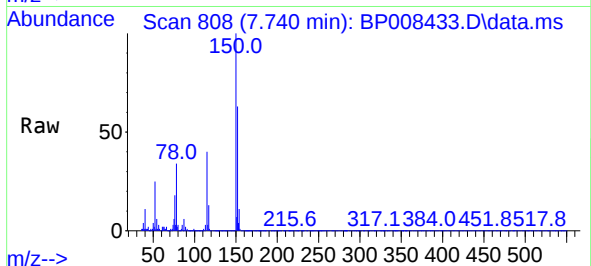
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

Instrument :  
BNA\_P  
ClientSampleId :  
TP6

Tgt Ion:152 Resp: 52524  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.7 188.5  
115 63.4 50.7 76.1

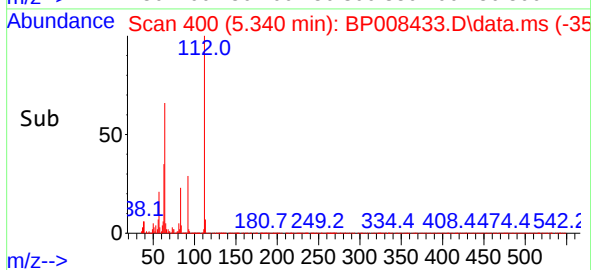
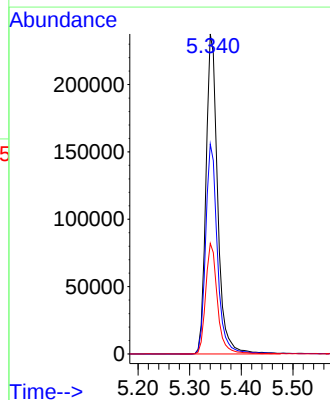
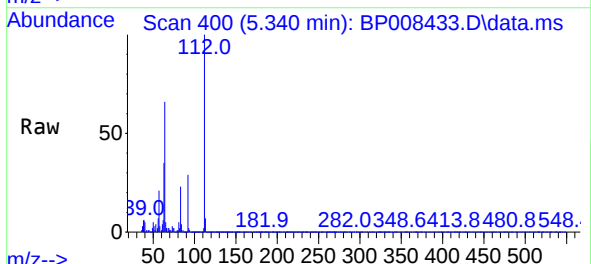
Manual Integrations  
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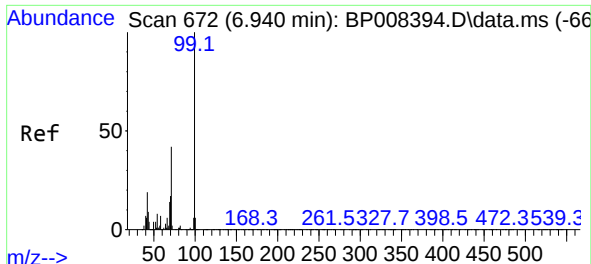
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021



#5  
2-Fluorophenol  
Concen: 112.180 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

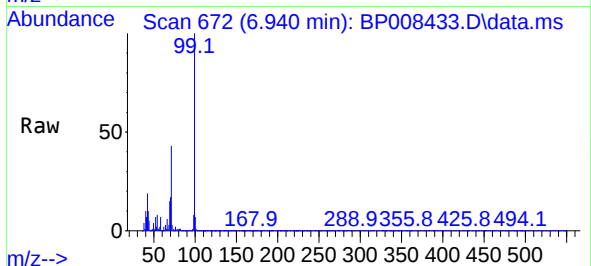
Tgt Ion:112 Resp: 373099  
Ion Ratio Lower Upper  
112 100  
64 65.6 53.4 80.2  
63 34.5 27.8 41.8





Phenol-d6  
Concen: 101.658 ng  
RT: 6.940 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

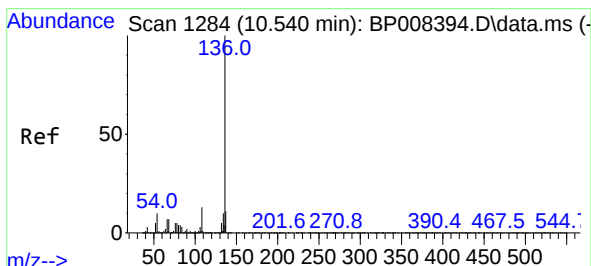
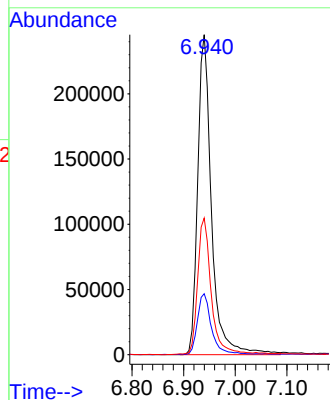
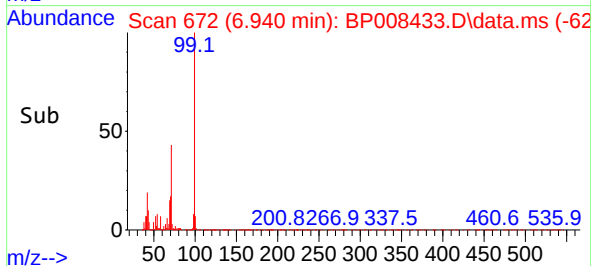
Instrument :  
BNA\_P  
ClientSampleId :  
TP6



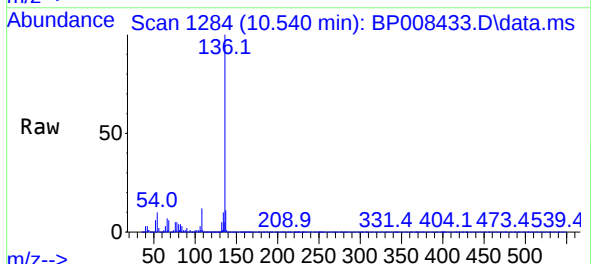
Tgt Ion: 99 Resp: 454098  
Ion Ratio Lower Upper  
99 100  
42 19.1 14.6 22.0  
71 42.7 31.1 46.7

Manual Integrations  
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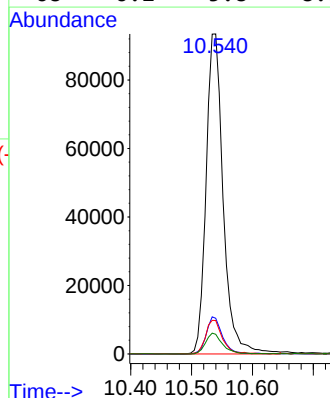
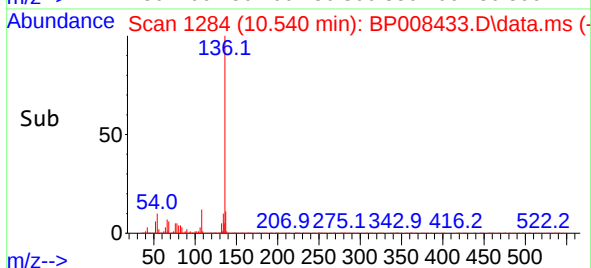
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021

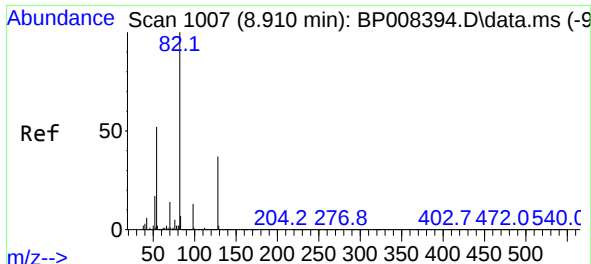


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16



Tgt Ion:136 Resp: 182168  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 10.5 8.2 12.4  
68 6.2 5.8 8.8





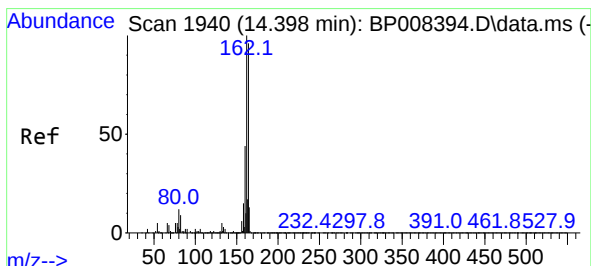
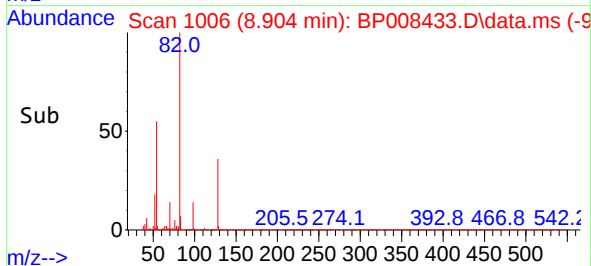
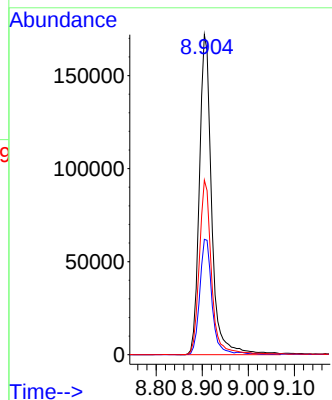
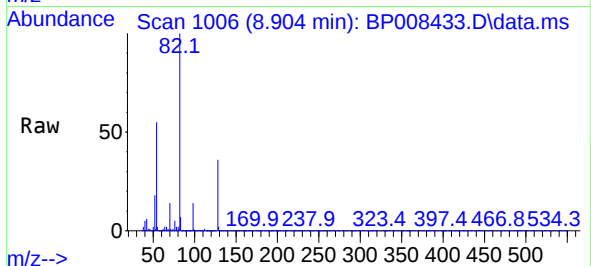
#23  
Nitrobenzene-d5  
Concen: 74.327 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

Instrument :  
BNA\_P  
ClientSampleId :  
TP6

Tgt Ion: 82 Resp: 319600  
Ion Ratio Lower Upper  
82 100  
128 36.1 29.6 44.4  
54 54.5 42.7 64.1

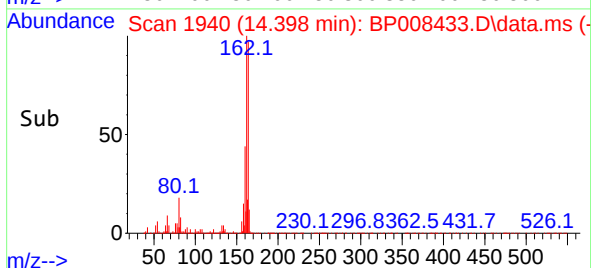
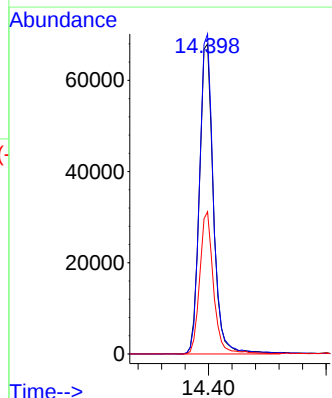
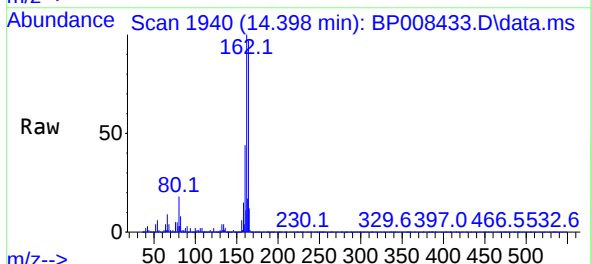
Manual Integrations  
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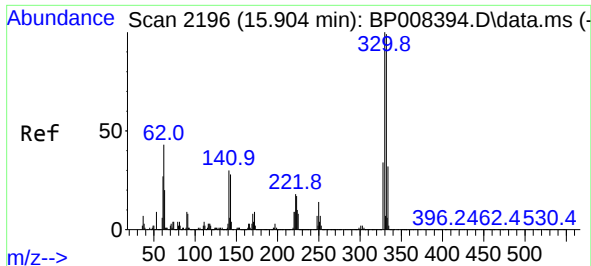
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

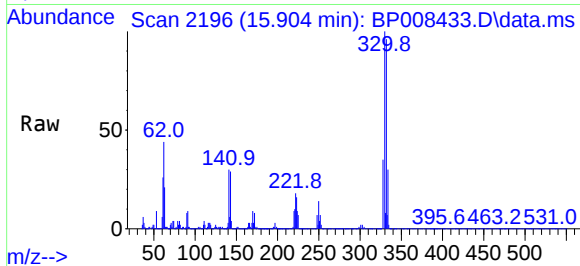
Tgt Ion:164 Resp: 111993  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.9 122.9  
160 45.9 35.4 53.0





#42  
2,4,6-Tribromophenol  
Concen: 113.007 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

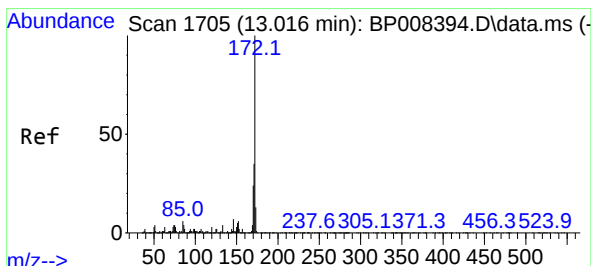
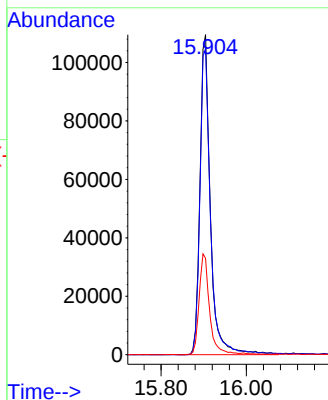
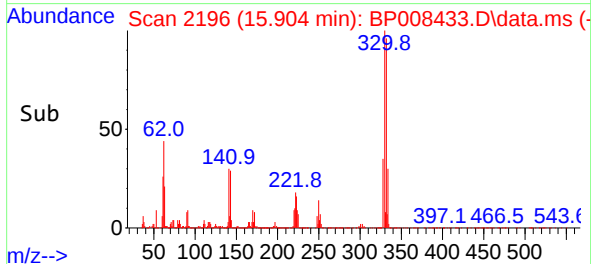
Instrument :  
BNA\_P  
ClientSampleId :  
TP6



Tgt Ion:330 Resp: 185989  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 31.4 28.4 42.6

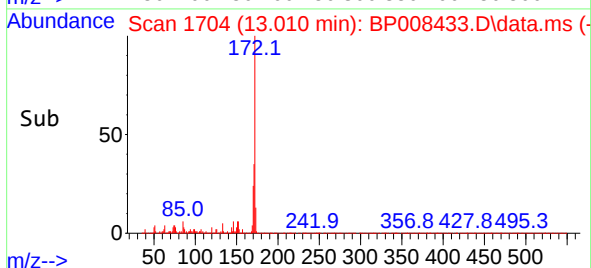
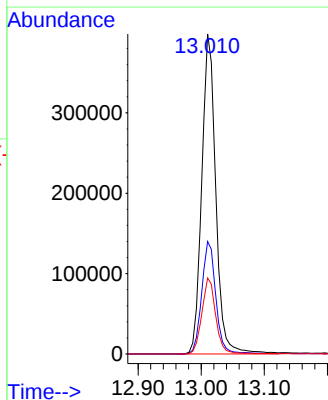
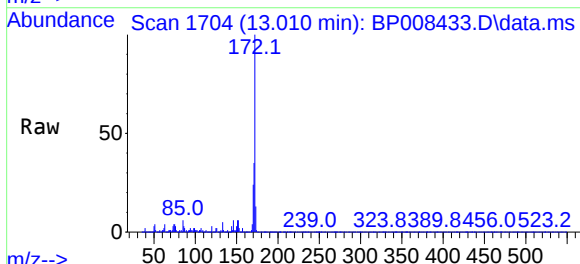
Manual Integrations  
APPROVED

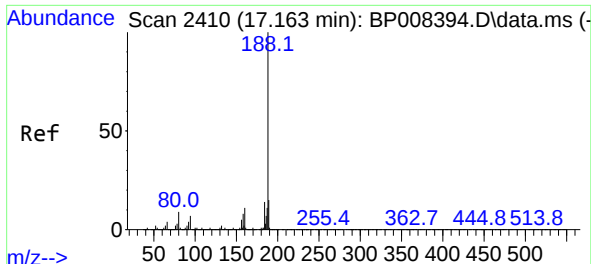
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021



#45  
2-Fluorobiphenyl  
Concen: 69.909 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

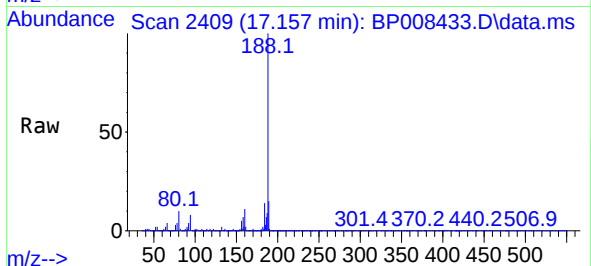
Tgt Ion:172 Resp: 615901  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.7 18.9 28.3





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2410  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

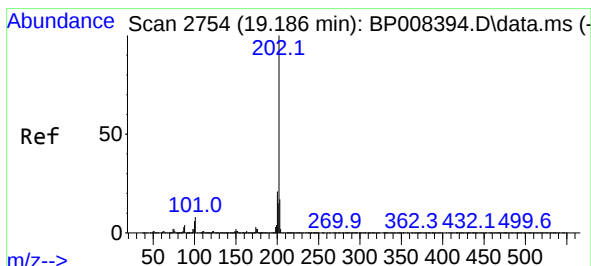
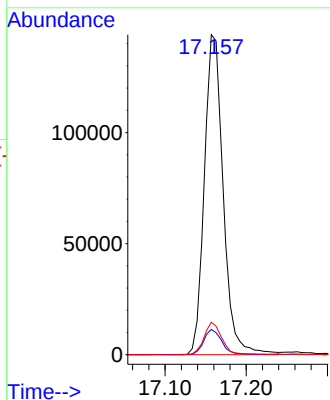
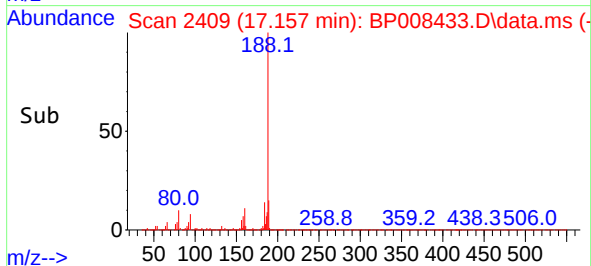
Instrument :  
BNA\_P  
ClientSampleId :  
TP6



Tgt Ion:188 Resp: 232149  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.2 10.8  
80 10.1 8.2 12.4

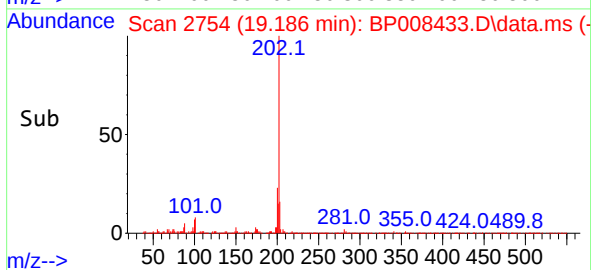
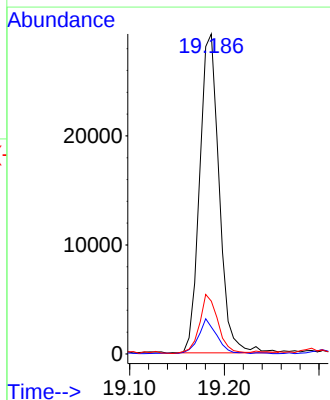
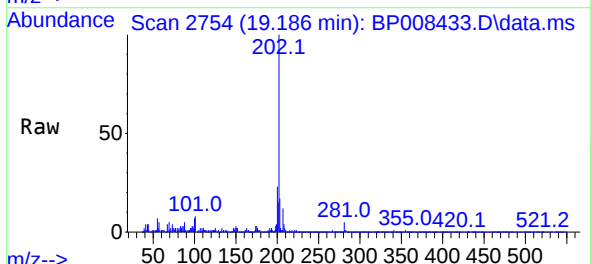
Manual Integrations  
APPROVED

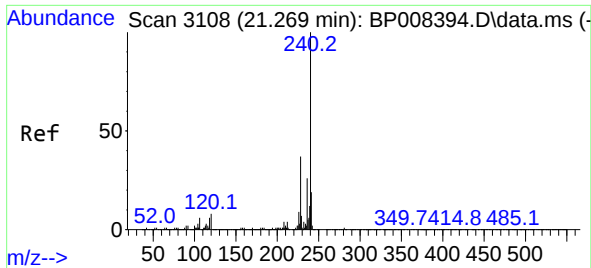
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021



#75  
Fluoranthene  
Concen: 2.954 ng  
RT: 19.186 min Scan# 2754  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

Tgt Ion:202 Resp: 41933  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 29.8  
203 16.5 0.0 37.7





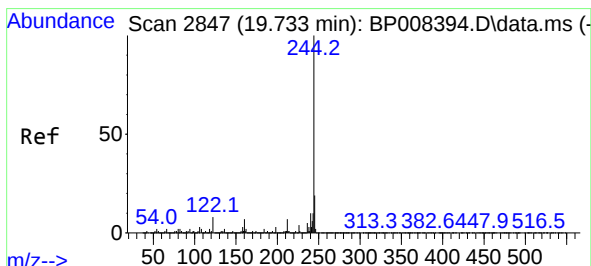
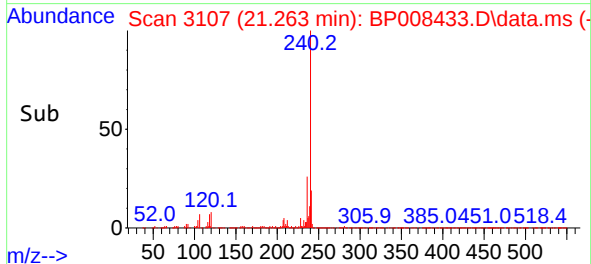
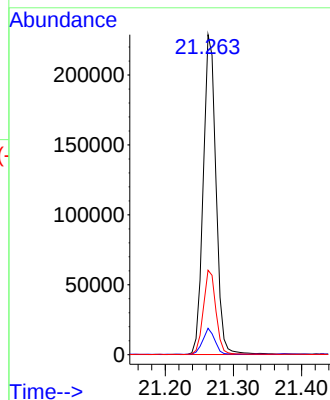
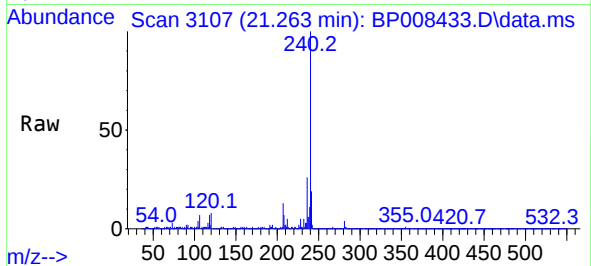
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.263 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

Instrument :  
BNA\_P  
ClientSampleId :  
TP6

Tgt Ion:240 Resp: 297118  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.3 10.9  
236 26.4 21.4 32.2

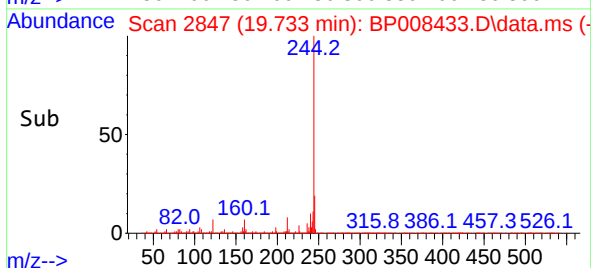
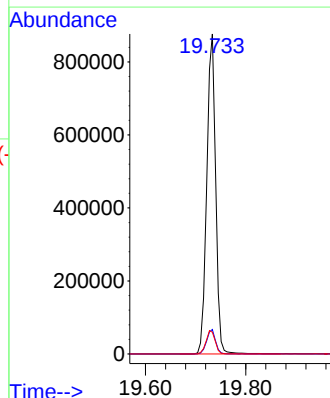
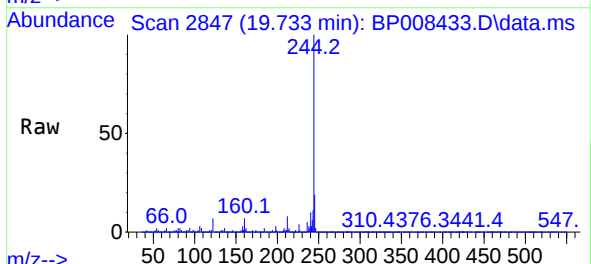
Manual Integrations  
APPROVED

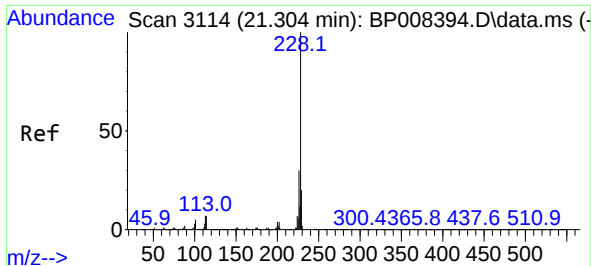
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021



#79  
Terphenyl-d14  
Concen: 63.243 ng  
RT: 19.733 min Scan# 2847  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

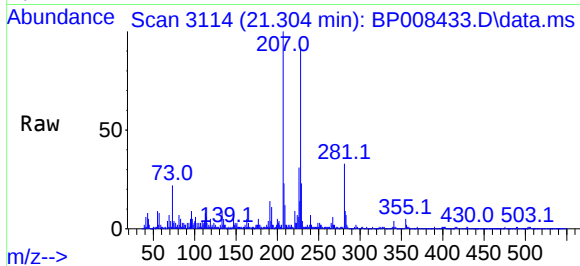
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Ion Ratio Lower Upper  
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212 7.6 6.0 9.0  
122 6.8 6.6 9.8





#83  
Chrysene  
Concen: 2.131 ng m  
RT: 21.304 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

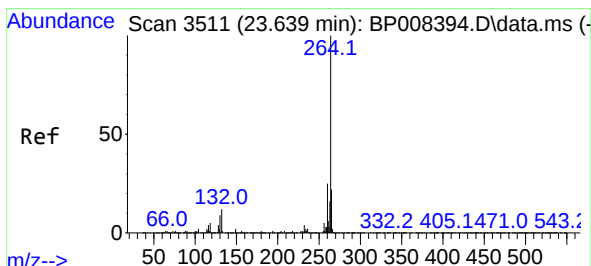
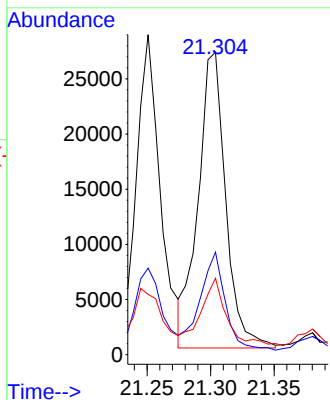
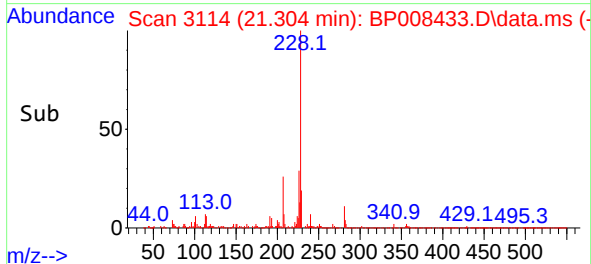
Instrument :  
BNA\_P  
ClientSampleId :  
TP6



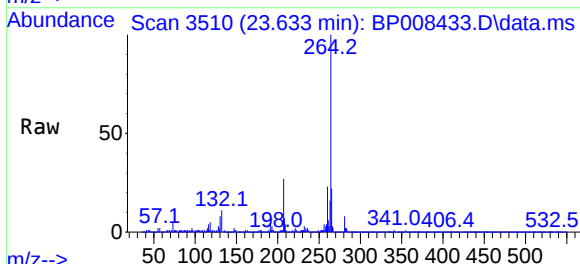
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Ion Ratio Lower Upper  
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229 25.3 15.8 23.8

Manual Integrations  
APPROVED

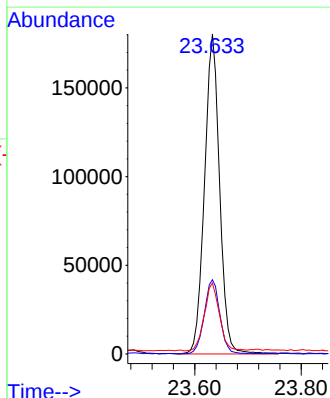
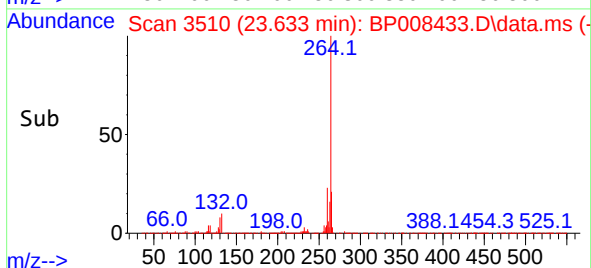
Reviewed By :Christian Giraldo 12/16/2021  
Supervised By :Jagrut Upadhyay 12/16/2021

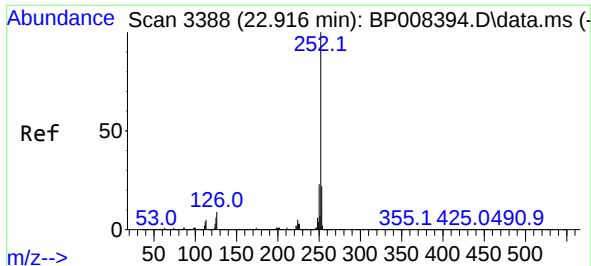


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.633 min Scan# 3510  
Delta R.T. -0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16



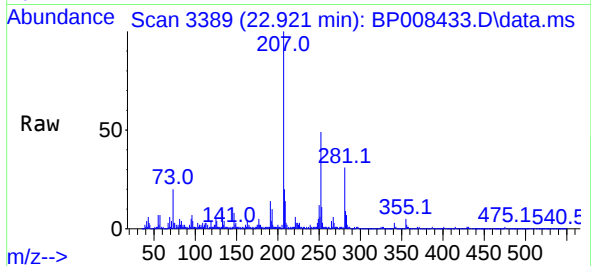
Tgt Ion:264 Resp: 355448  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.4 29.2  
265 22.2 17.6 26.4





#88  
Benzo(b)fluoranthene  
Concen: 2.406 ng  
RT: 22.921 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BP008433.D  
Acq: 16 Dec 2021 02:16

Instrument :  
BNA\_P  
ClientSampleId :  
TP6



Tgt Ion: 252 Resp: 5145  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.7 26.5  
125 9.7 6.2 9.4

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 12/16/2021  
Supervised By : Jagrut Upadhyay 12/16/2021

