

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037013.D  
 Acq On : 14 May 2025 14:46  
 Operator : RC/JU  
 Sample : Q1872-13  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOIL

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

Quant Time: May 14 15:18:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 2096     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.393 | 136  | 6097     | 0.40  | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.256 | 164  | 3702     | 0.40  | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.009 | 188  | 7619     | 0.40  | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.206 | 240  | 7847     | 0.40  | ng    | 0.00     |
| 35) Perylene-d12              | 23.412 | 264  | 7344     | 0.40  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 1363     | 0.25  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 1874     | 0.27  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1682     | 0.25  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.986 | 152  | 2460     | 0.29  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 409      | 0.25  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.878 | 172  | 4150     | 0.24  | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.049 | 212  | 7139     | 0.34  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 5177     | 0.31  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.436 | 128  | 49280    | 2.74  | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.062 | 142  | 76389    | 6.59  | ng    | 99       |
| 16) Acenaphthylene            | 13.978 | 152  | 262125   | 14.55 | ng    | 100      |
| 17) Acenaphthene              | 14.320 | 154  | 115342   | 9.80  | ng    | 98       |
| 18) Fluorene                  | 15.314 | 166  | 88886    | 5.75  | ng    | 99       |
| 25) Phenanthrene              | 17.046 | 178  | 68599    | 2.75  | ng    | 100      |
| 26) Anthracene                | 17.145 | 178  | 65623    | 2.90  | ng    | 100      |
| 28) Fluoranthene              | 19.077 | 202  | 142969   | 4.81  | ng    | 99       |
| 30) Pyrene                    | 19.440 | 202  | 245073   | 7.30  | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.188 | 228  | 38038    | 1.29  | ng    | 99       |
| 33) Chrysene                  | 21.242 | 228  | 233087   | 7.46  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 10564    | 0.58  | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.625 | 276  | 111106   | 3.70  | ng    | # 88     |
| 37) Benzo(b)fluoranthene      | 22.752 | 252  | 158909m  | 5.22  | ng    |          |
| 38) Benzo(k)fluoranthene      | 22.795 | 252  | 147983   | 4.92  | ng    | 92       |
| 39) Benzo(a)pyrene            | 23.316 | 252  | 151426   | 5.86  | ng    | # 81     |
| 40) Dibenzo(a,h)anthracene    | 25.637 | 278  | 155978   | 6.68  | ng    | # 92     |
| 41) Benzo(g,h,i)perylene      | 26.298 | 276  | 51432    | 2.03  | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

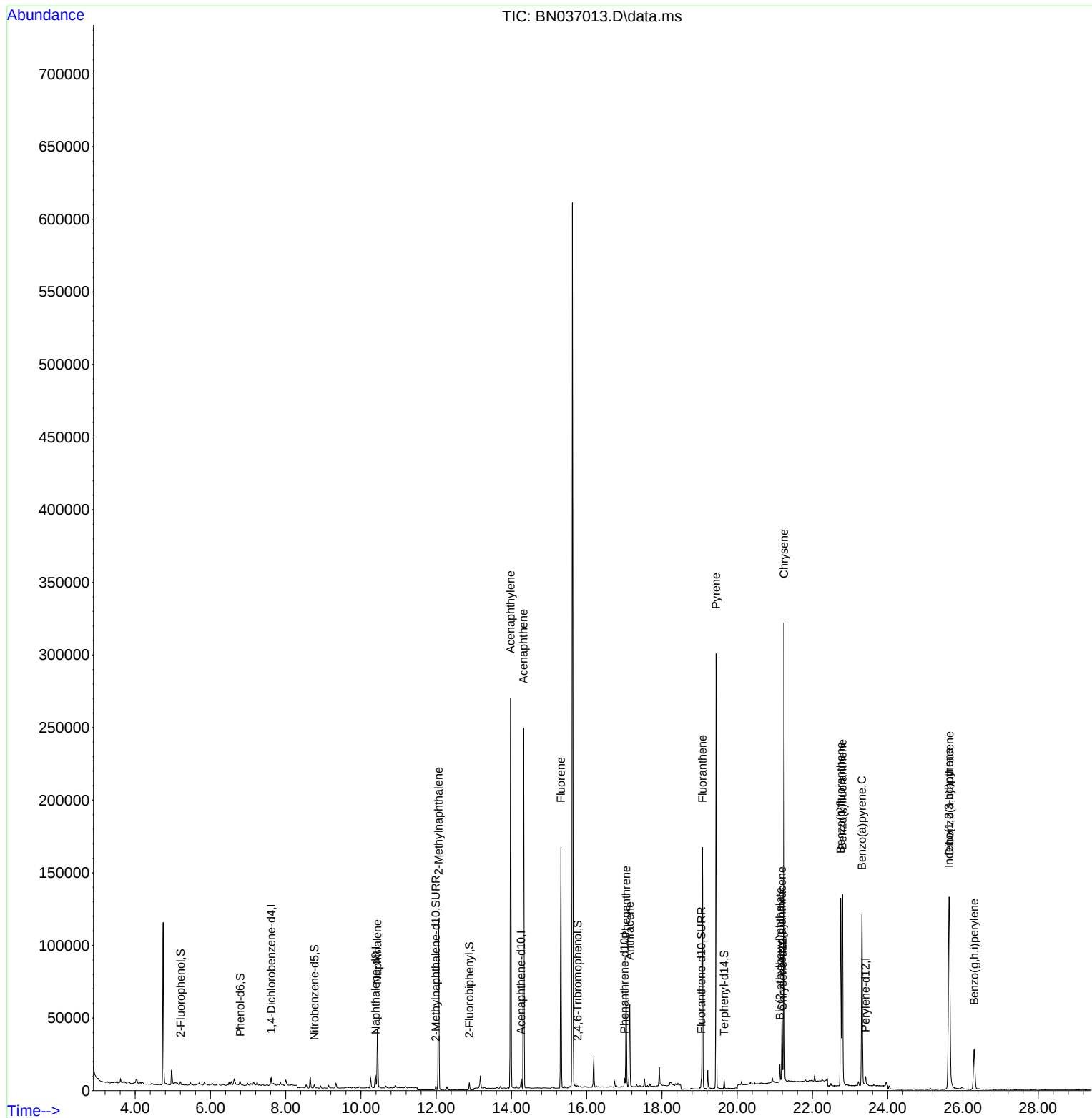
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
Data File : BN037013.D  
Acq On : 14 May 2025 14:46  
Operator : RC/JU  
Sample : Q1872-13  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

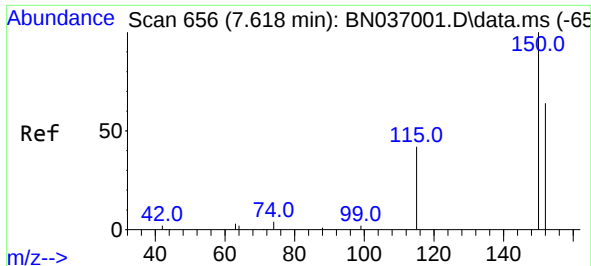
Instrument :  
BNA\_N  
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HW0425-PT-PAH-SOIL

Manual Integrations  
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Supervised By :Jagrut Upadhyay 05/15/2025

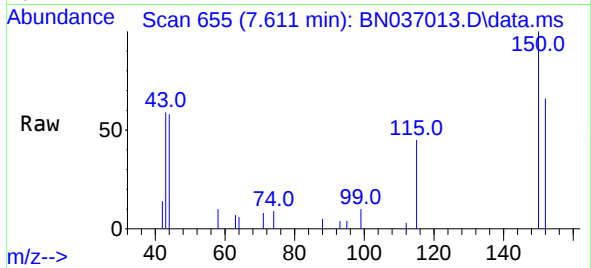
Quant Time: May 14 15:18:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.611 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

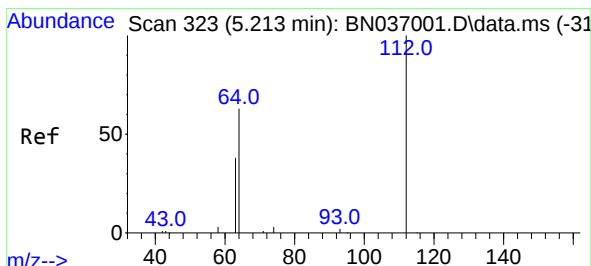
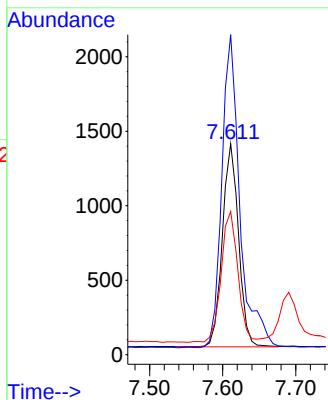
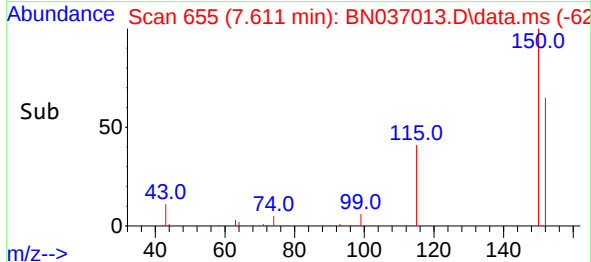
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:152 Resp: 2090  
Ion Ratio Lower Upper  
152 100  
150 151.7 123.9 185.9  
115 67.9 55.8 83.8

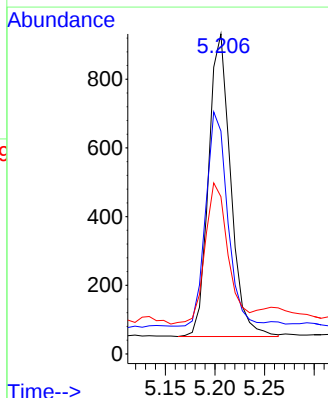
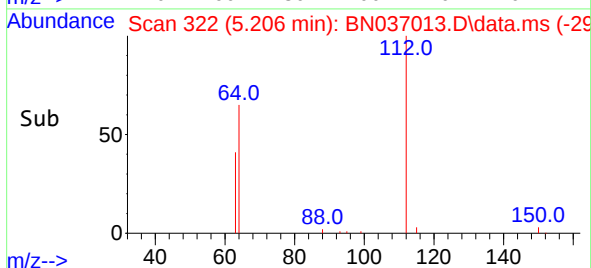
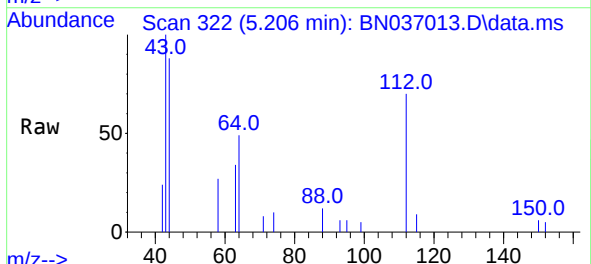
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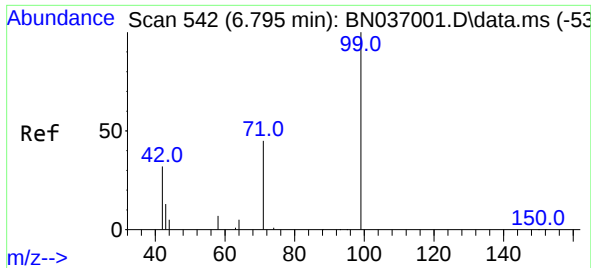
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#4  
2-Fluorophenol  
Concen: 0.25 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

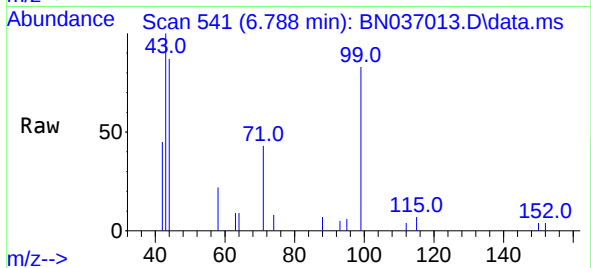
Tgt Ion:112 Resp: 1363  
Ion Ratio Lower Upper  
112 100  
64 70.0 55.7 83.5  
63 48.9 34.6 51.8





#5  
Phenol-d6  
Concen: 0.27 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

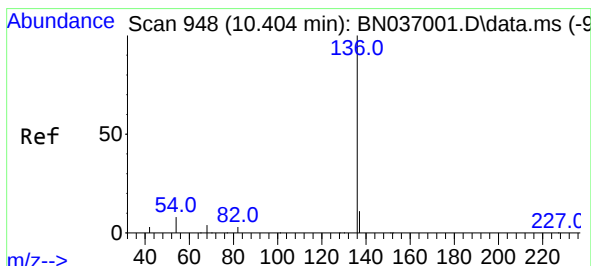
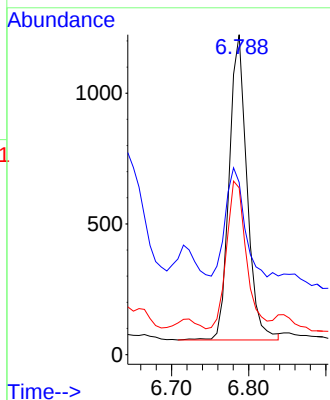
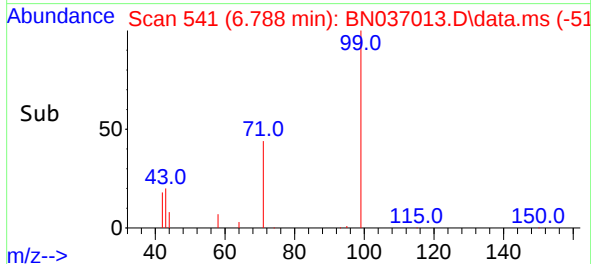
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



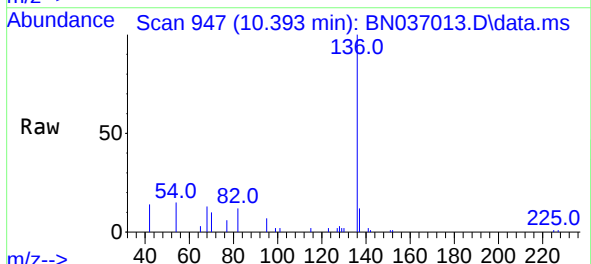
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Ion Ratio Lower Upper  
99 100  
42 37.1 29.3 43.9  
71 54.4 35.7 53.5

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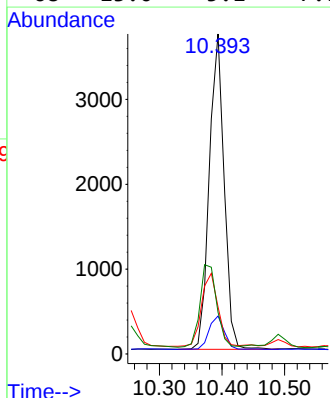
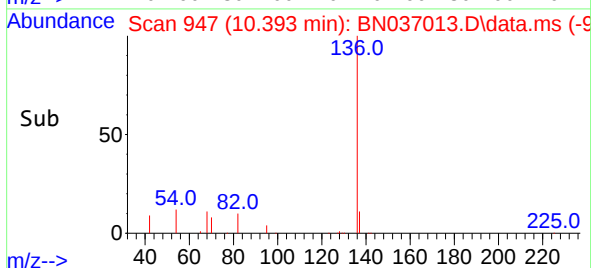
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

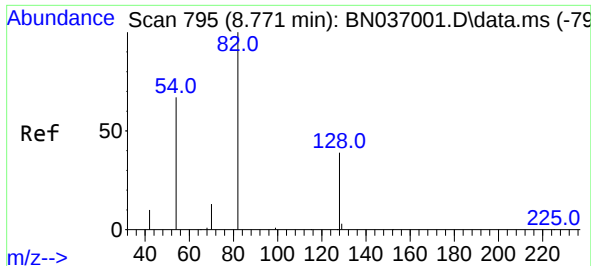


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.393 min Scan# 947  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46



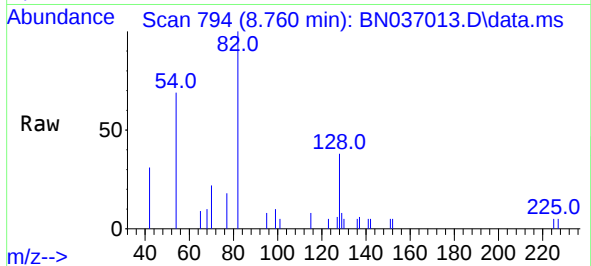
Tgt Ion:136 Resp: 6097  
Ion Ratio Lower Upper  
136 100  
137 11.9 10.4 15.6  
54 14.7 8.5 12.7#  
68 13.0 5.1 7.7#





#8  
Nitrobenzene-d5  
Concen: 0.25 ng  
RT: 8.760 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

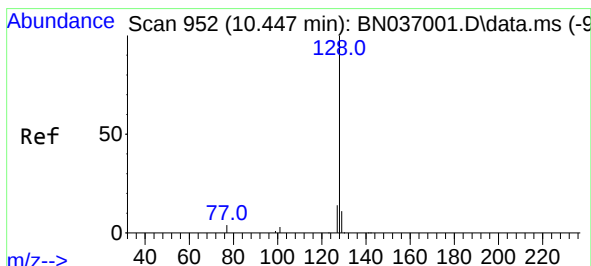
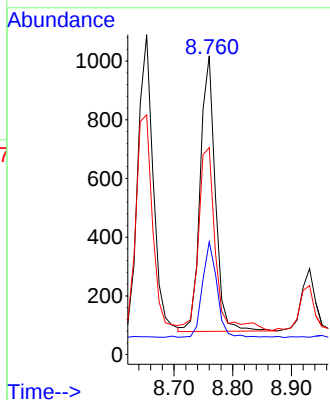
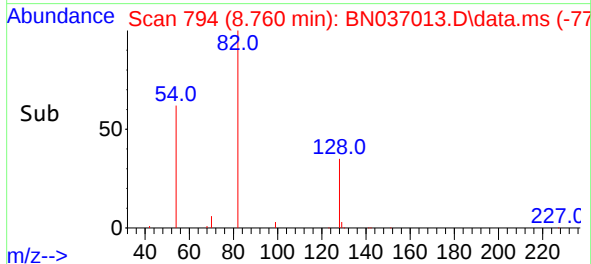
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion: 82 Resp: 168  
Ion Ratio Lower Upper  
82 100  
128 37.7 34.0 51.0  
54 69.3 55.0 82.4

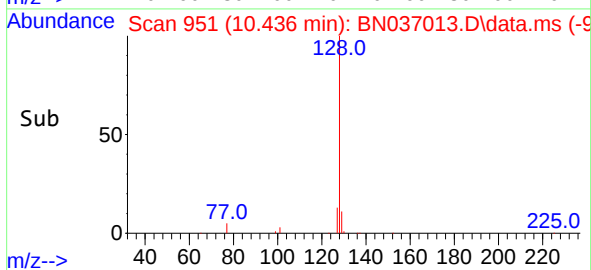
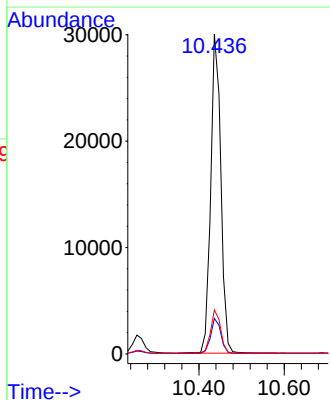
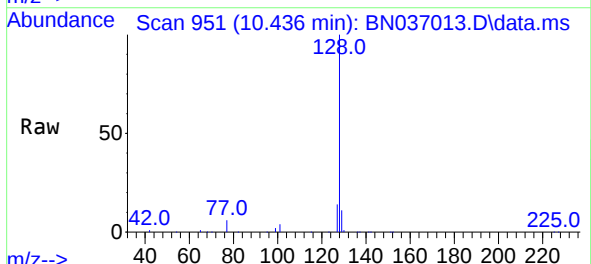
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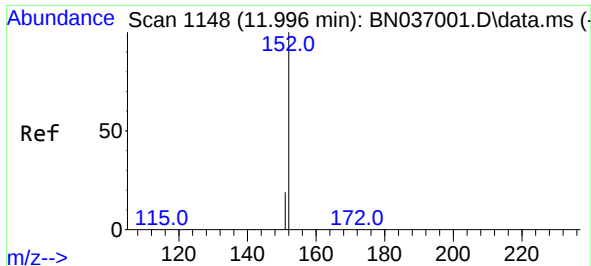
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#9  
Naphthalene  
Concen: 2.74 ng  
RT: 10.436 min Scan# 951  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

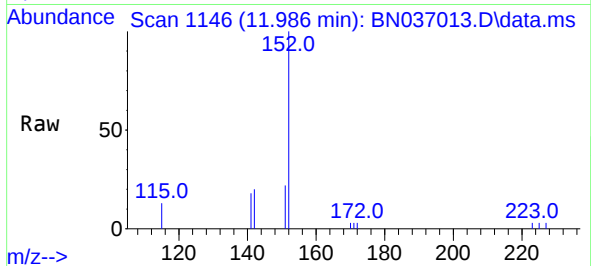
Tgt Ion:128 Resp: 49280  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.7 14.5  
127 13.7 12.4 18.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.29 ng  
RT: 11.986 min Scan# 1146  
Delta R.T. -0.010 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

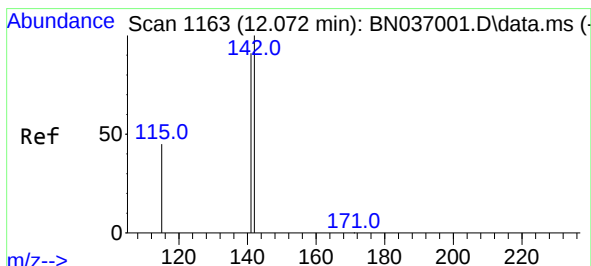
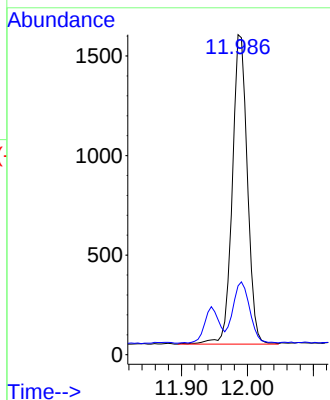
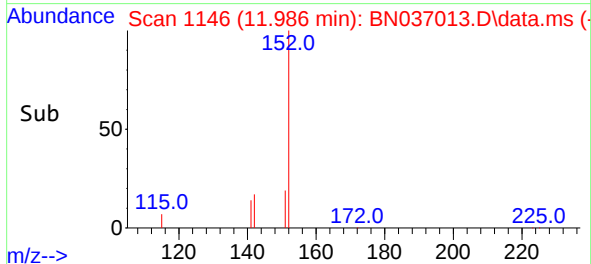
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:152 Resp: 2460  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.5 26.3

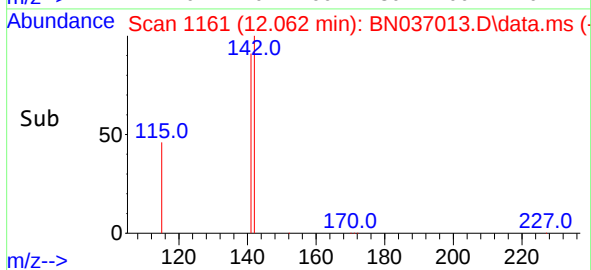
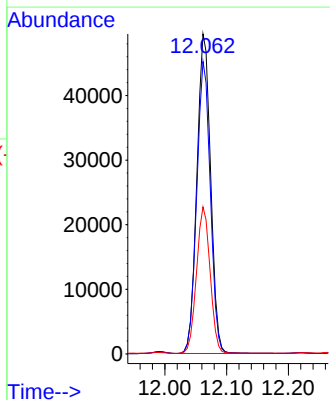
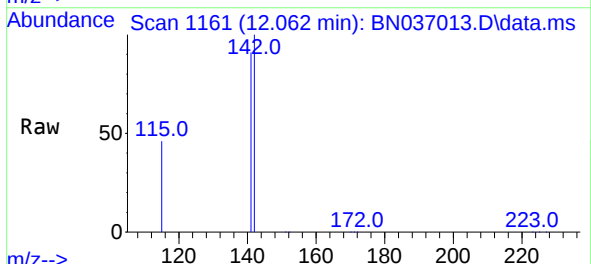
Manual Integrations  
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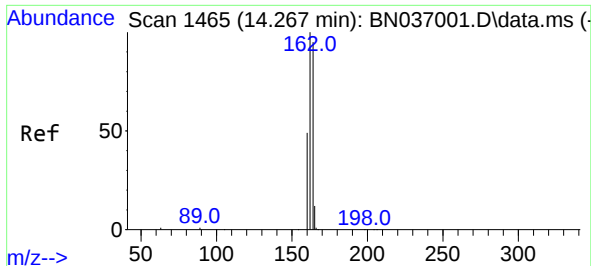
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#12  
2-Methylnaphthalene  
Concen: 6.59 ng  
RT: 12.062 min Scan# 1161  
Delta R.T. -0.010 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

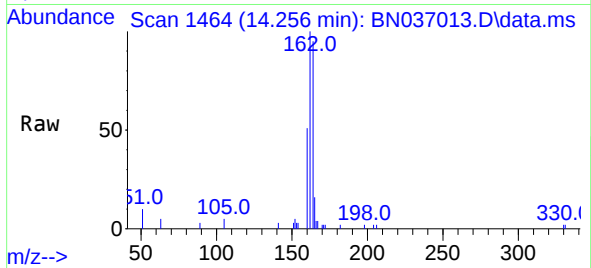
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Ion Ratio Lower Upper  
142 100  
141 91.4 73.3 109.9  
115 45.9 38.4 57.6





#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.256 min Scan# 1465  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

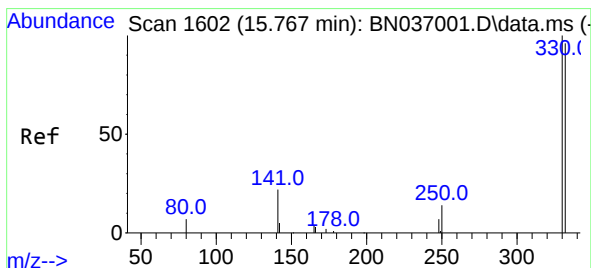
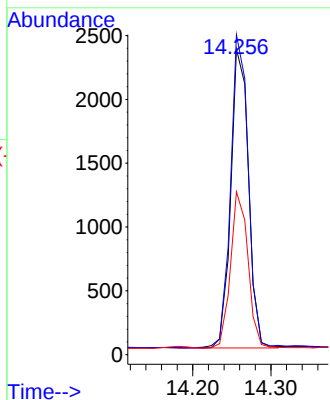
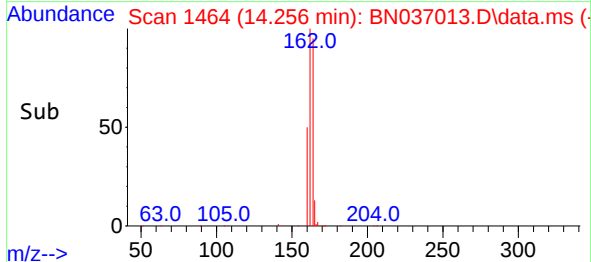
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:164 Resp: 370  
Ion Ratio Lower Upper  
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162 104.7 84.2 126.4  
160 53.3 42.6 63.8

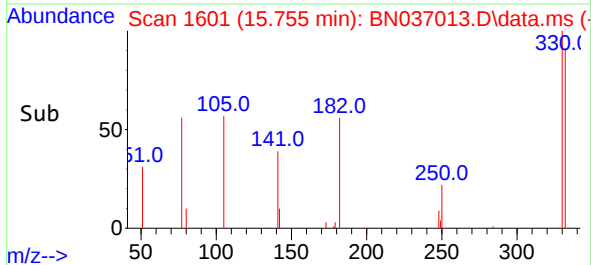
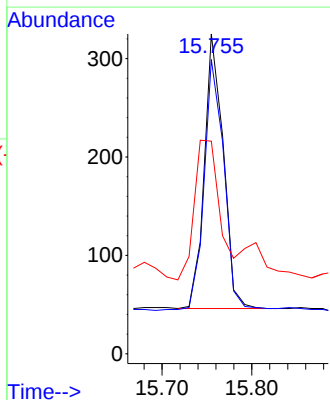
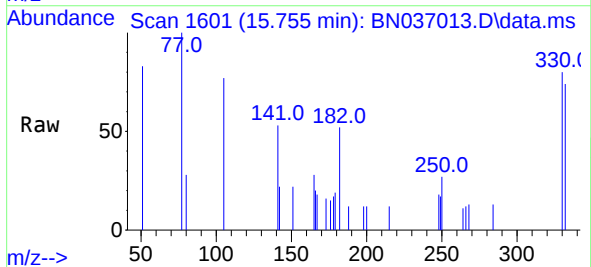
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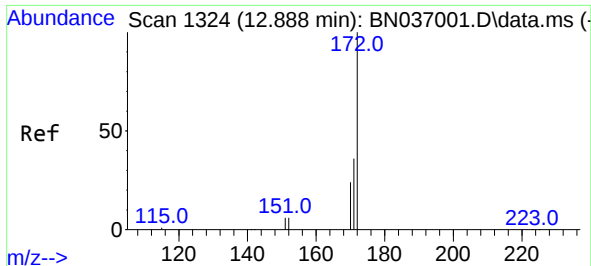
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#14  
2,4,6-Tribromophenol  
Concen: 0.25 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

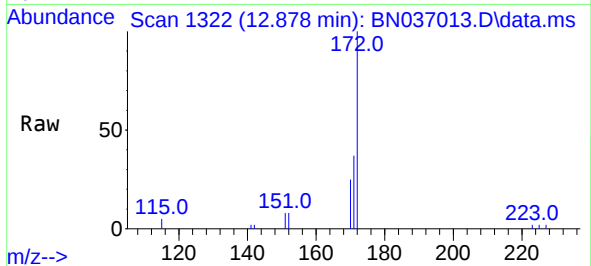
Tgt Ion:330 Resp: 409  
Ion Ratio Lower Upper  
330 100  
332 96.3 73.8 110.8  
141 87.5 43.9 65.9#





#15  
2-Fluorobiphenyl  
Concen: 0.24 ng  
RT: 12.878 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

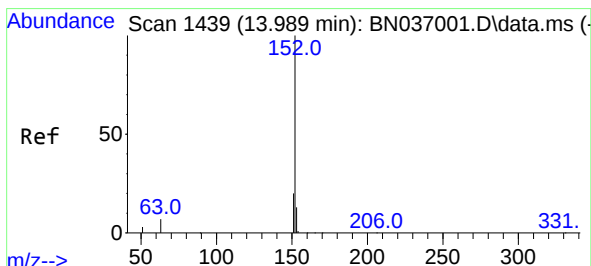
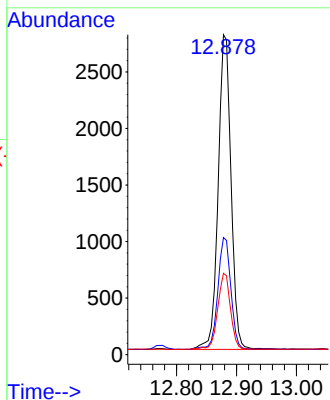
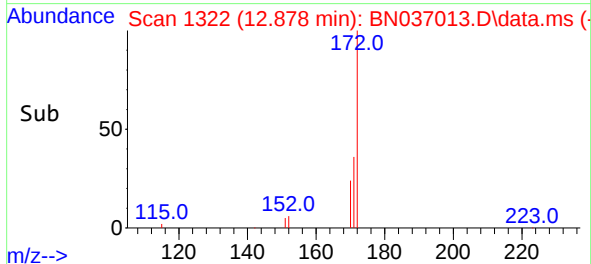
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:172 Resp: 4150  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.2 43.8  
170 25.5 20.5 30.7

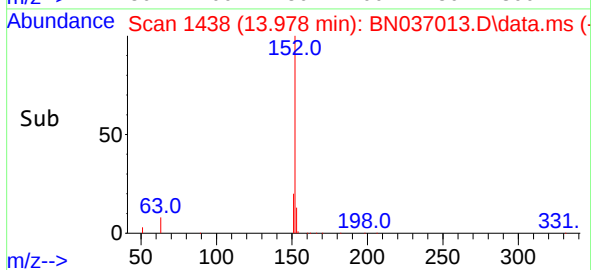
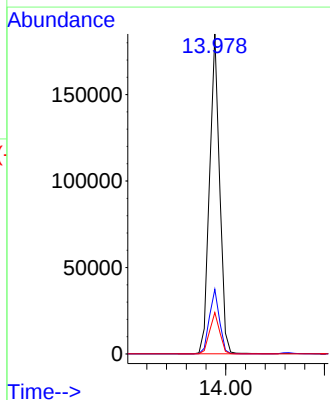
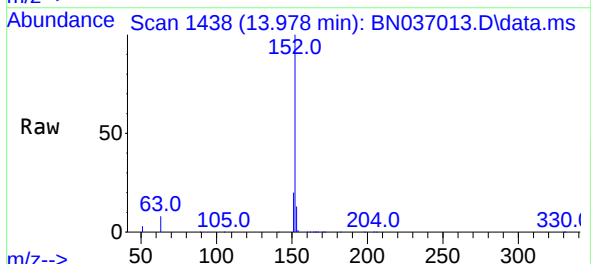
Manual Integrations  
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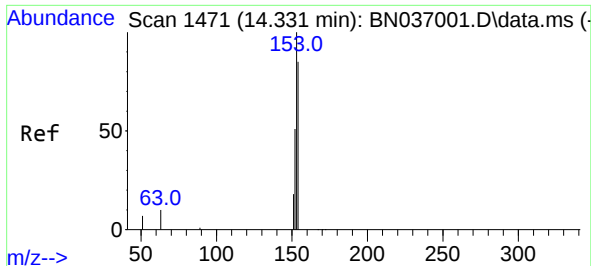
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#16  
Acenaphthylene  
Concen: 14.55 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

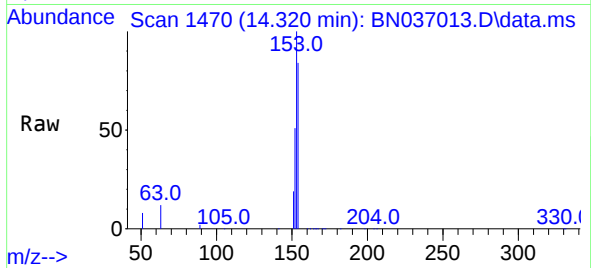
Tgt Ion:152 Resp: 262125  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.1 24.1  
153 13.0 10.5 15.7





#17  
Acenaphthene  
Concen: 9.80 ng  
RT: 14.320 min Scan# 1471  
Delta R.T. -0.011 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

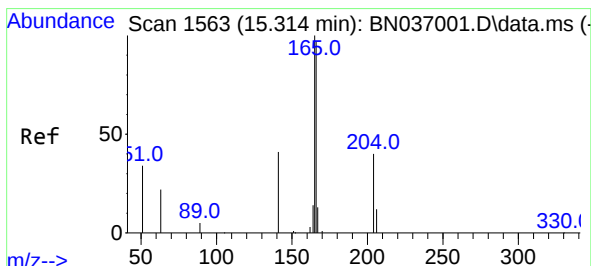
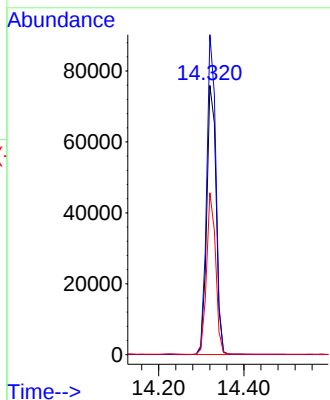
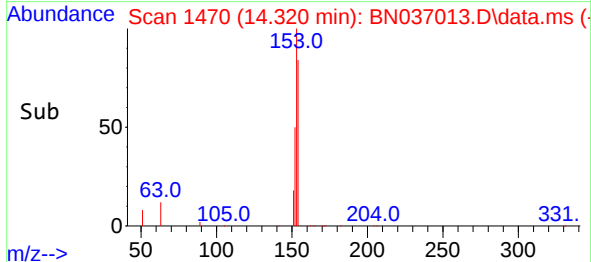
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:154 Resp: 11534  
Ion Ratio Lower Upper  
154 100  
153 116.6 94.2 141.4  
152 58.1 49.4 74.0

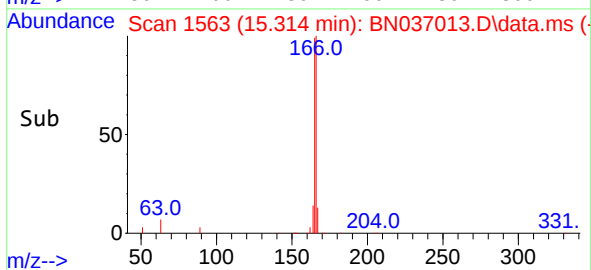
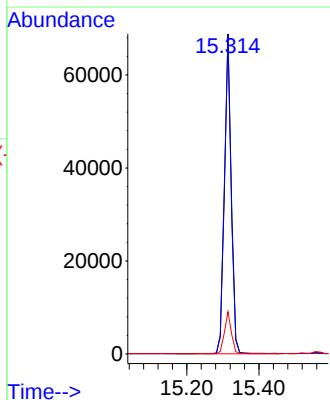
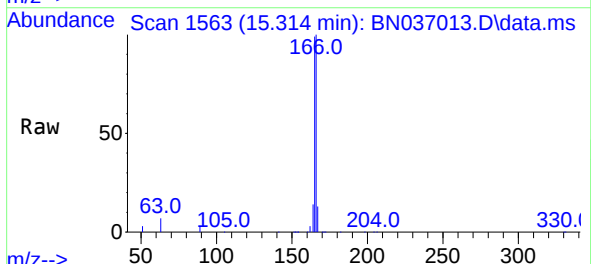
Manual Integrations  
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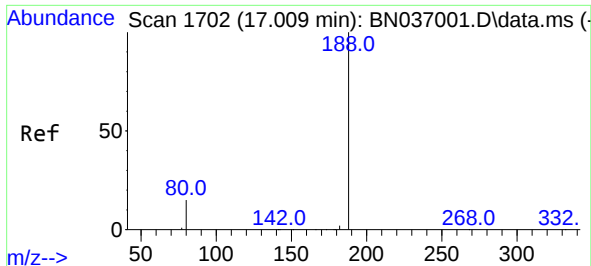
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#18  
Fluorene  
Concen: 5.75 ng  
RT: 15.314 min Scan# 1563  
Delta R.T. -0.000 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

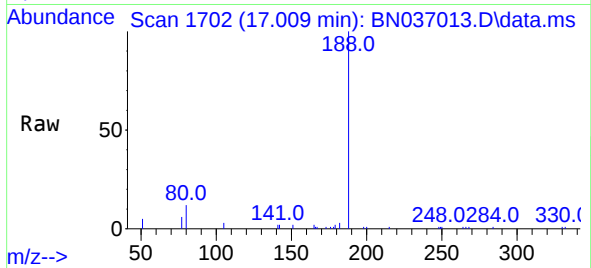
Tgt Ion:166 Resp: 88886  
Ion Ratio Lower Upper  
166 100  
165 99.2 80.6 120.8  
167 13.2 10.6 16.0





#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

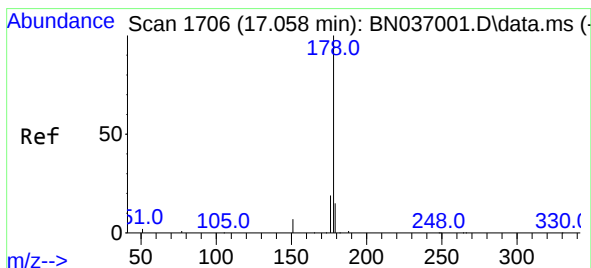
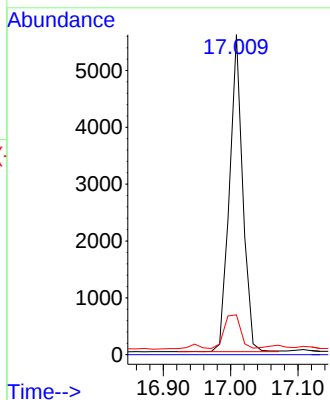
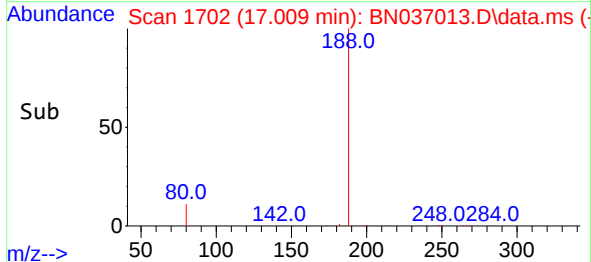
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



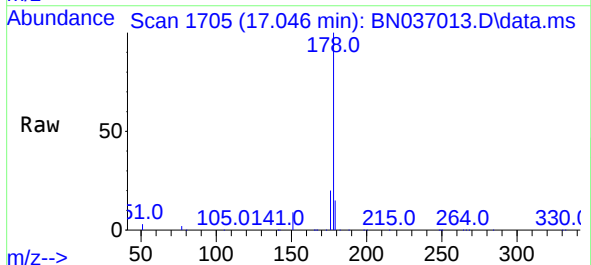
Tgt Ion:188 Resp: 7619  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.5 13.4 20.0

Manual Integrations  
APPROVED

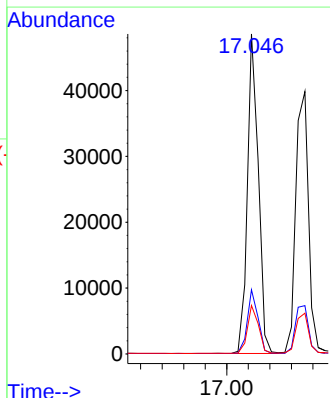
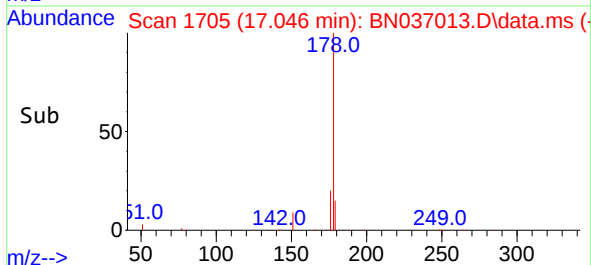
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

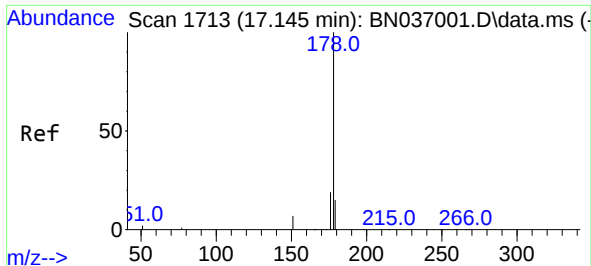


#25  
Phenanthrene  
Concen: 2.75 ng  
RT: 17.046 min Scan# 1705  
Delta R.T. -0.012 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46



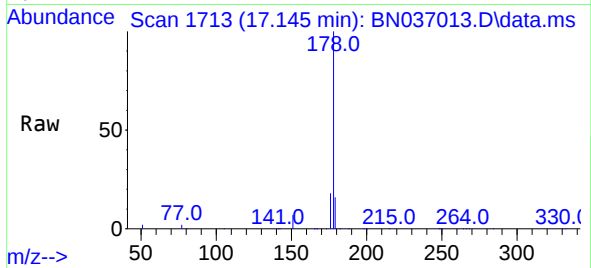
Tgt Ion:178 Resp: 68599  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.2 12.2 18.2





#26  
 Anthracene  
 Concen: 2.90 ng  
 RT: 17.145 min Scan# 1713  
 Delta R.T. -0.000 min  
 Lab File: BN037013.D  
 Acq: 14 May 2025 14:46

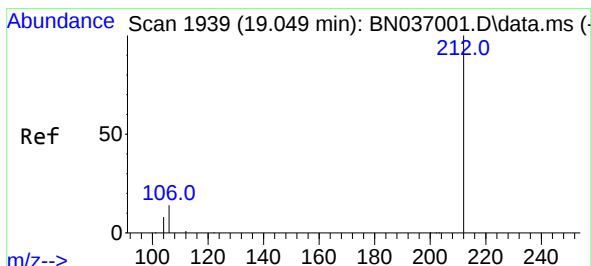
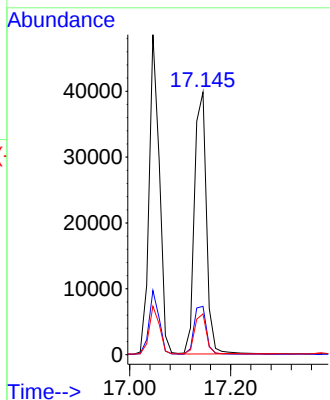
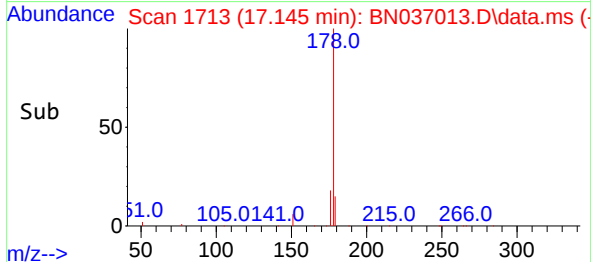
Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOIL



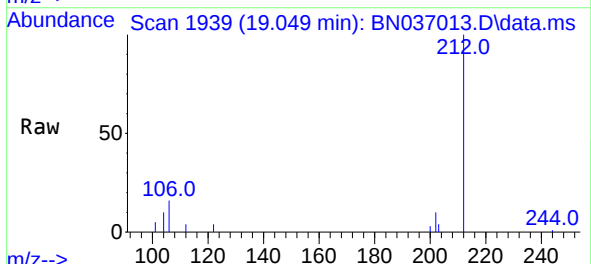
Tgt Ion:178 Resp: 6562  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.0 22.6  
 179 15.3 12.3 18.5

Manual Integrations  
 APPROVED

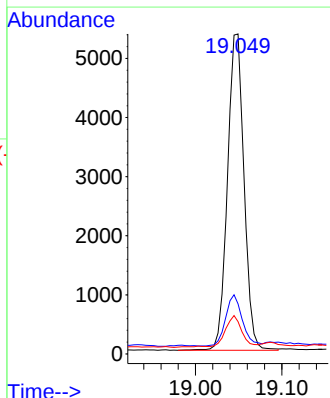
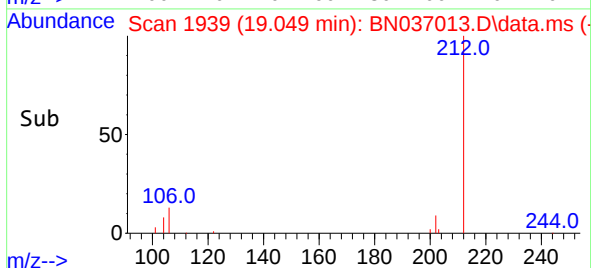
Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

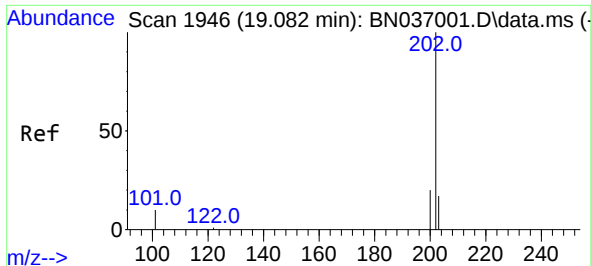


#27  
 Fluoranthene-d10  
 Concen: 0.34 ng  
 RT: 19.049 min Scan# 1939  
 Delta R.T. -0.000 min  
 Lab File: BN037013.D  
 Acq: 14 May 2025 14:46



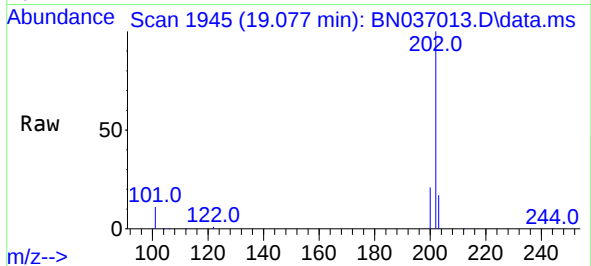
Tgt Ion:212 Resp: 7139  
 Ion Ratio Lower Upper  
 212 100  
 106 16.3 11.3 16.9  
 104 9.5 6.7 10.1





#28  
Fluoranthene  
Concen: 4.81 ng  
RT: 19.077 min Scan# 1946  
Delta R.T. -0.005 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

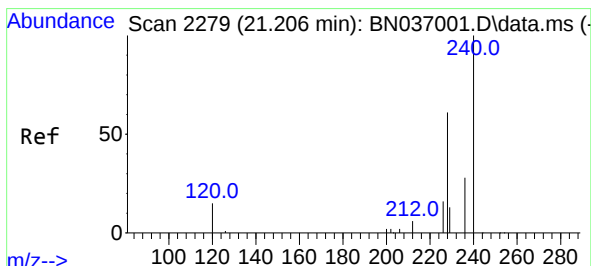
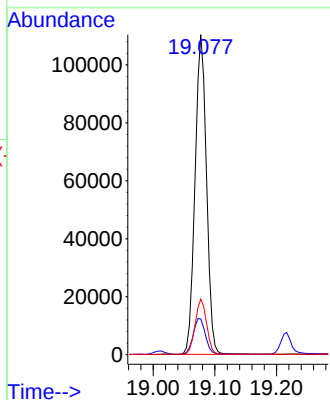
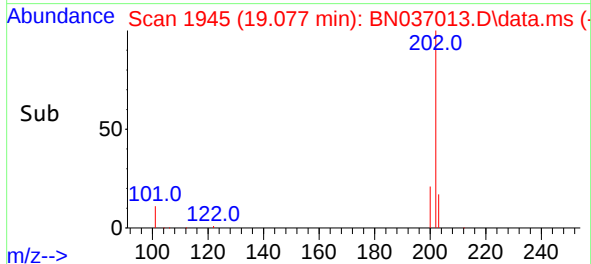
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:202 Resp: 142969  
Ion Ratio Lower Upper  
202 100  
101 12.0 8.9 13.3  
203 17.1 13.8 20.8

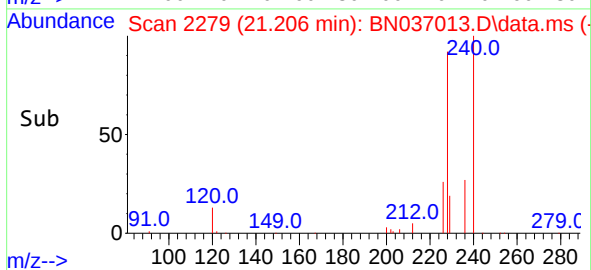
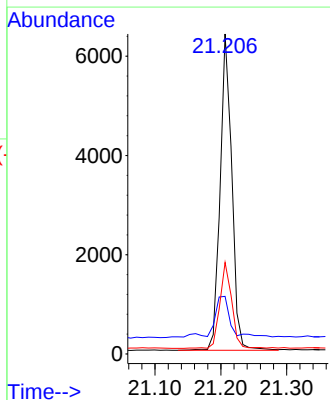
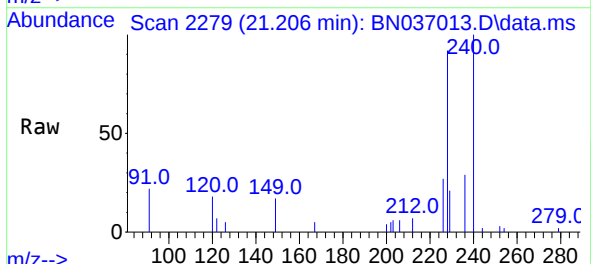
Manual Integrations  
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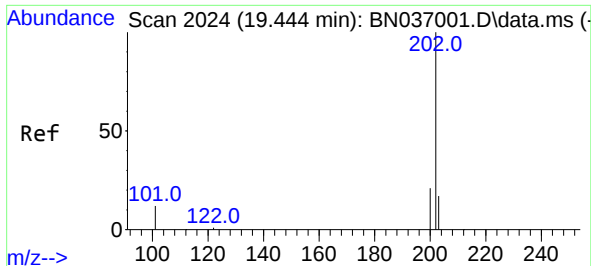
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.206 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

Tgt Ion:240 Resp: 7847  
Ion Ratio Lower Upper  
240 100  
120 18.0 15.1 22.7  
236 28.6 24.0 36.0





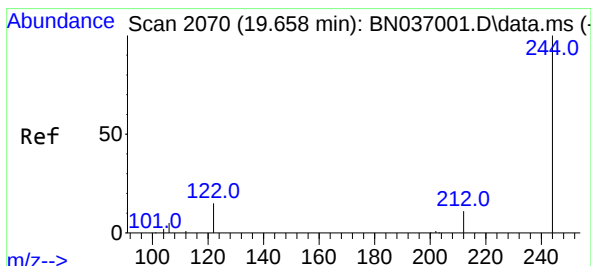
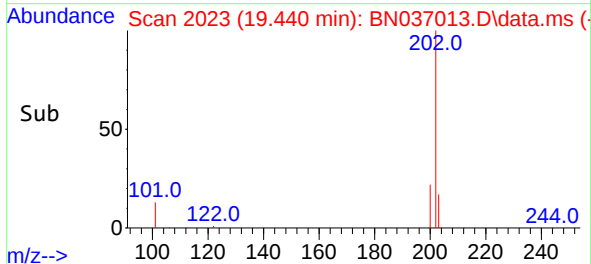
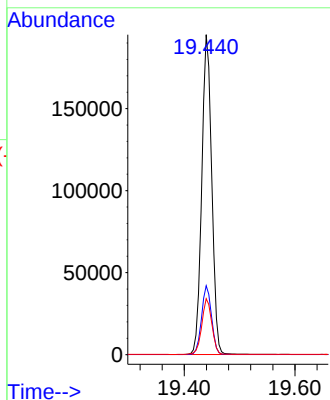
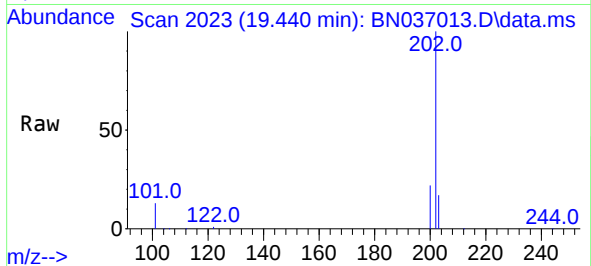
#30  
Pyrene  
Concen: 7.30 ng  
RT: 19.440 min Scan# 2024  
Delta R.T. -0.005 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL

Tgt Ion:202 Resp: 24507  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.1 25.7  
203 17.5 14.2 21.4

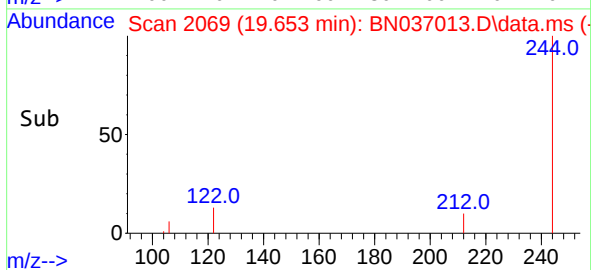
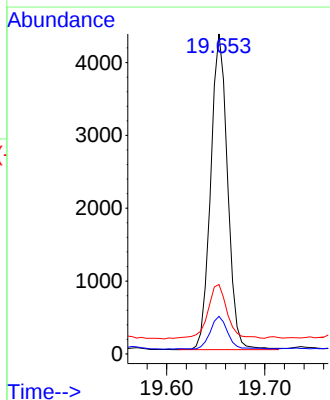
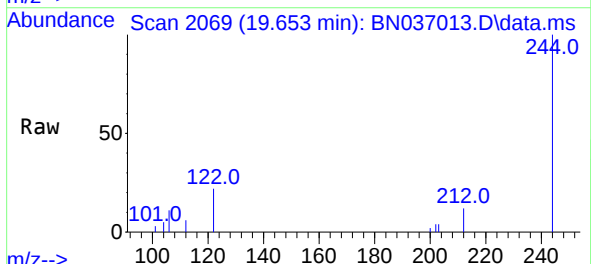
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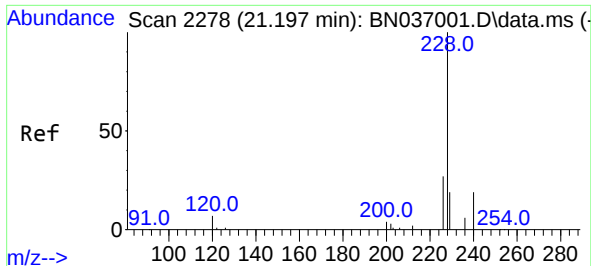
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#31  
Terphenyl-d14  
Concen: 0.31 ng  
RT: 19.653 min Scan# 2069  
Delta R.T. -0.005 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

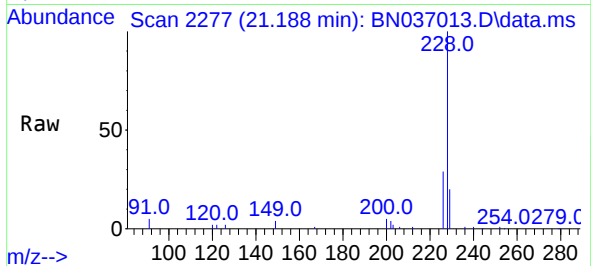
Tgt Ion:244 Resp: 5177  
Ion Ratio Lower Upper  
244 100  
212 11.7 9.7 14.5  
122 21.7 13.4 20.0#





#32  
Benzo(a)anthracene  
Concen: 1.29 ng  
RT: 21.188 min Scan# 21188  
Delta R.T. -0.009 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

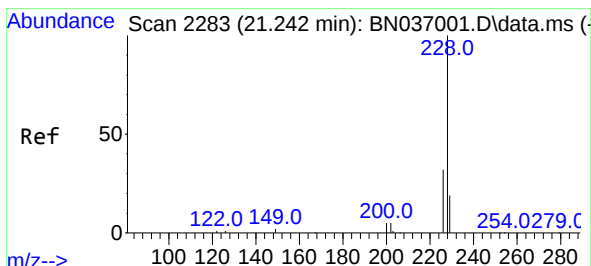
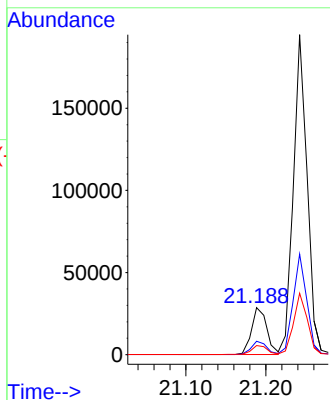
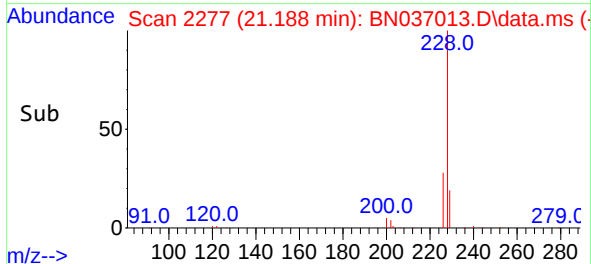
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



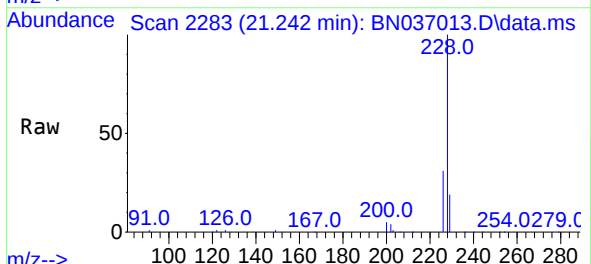
Tgt Ion:228 Resp: 38038  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.2 33.4  
229 19.6 16.0 24.0

Manual Integrations  
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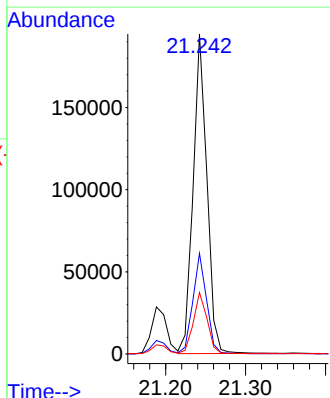
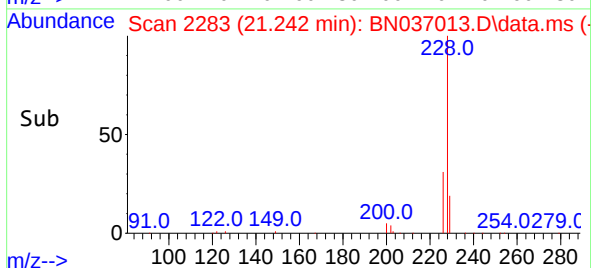
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

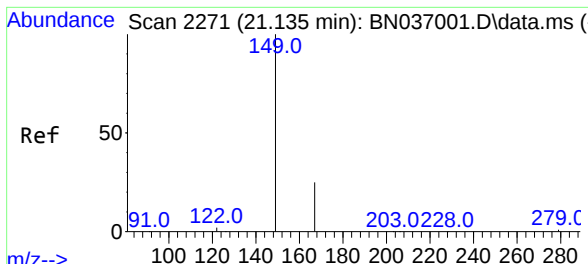


#33  
Chrysene  
Concen: 7.46 ng  
RT: 21.242 min Scan# 2283  
Delta R.T. -0.000 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46



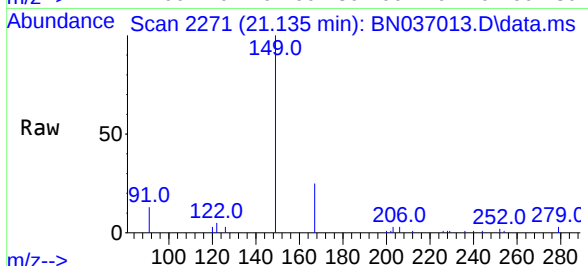
Tgt Ion:228 Resp: 233087  
Ion Ratio Lower Upper  
228 100  
226 31.4 26.3 39.5  
229 19.2 16.2 24.2





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.58 ng  
 RT: 21.135 min Scan# 2113  
 Delta R.T. -0.000 min  
 Lab File: BN037013.D  
 Acq: 14 May 2025 14:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOIL

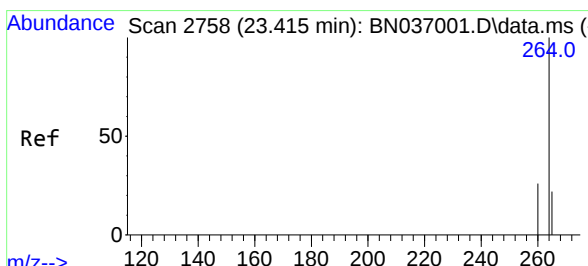
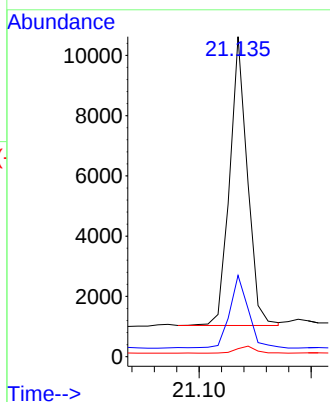
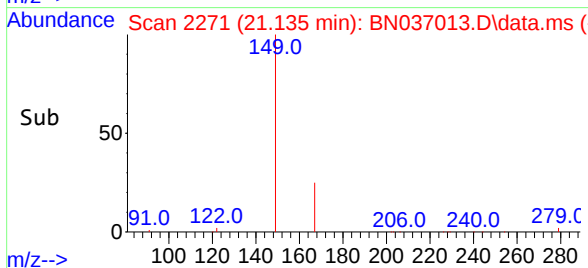


Tgt Ion:149 Resp: 10564

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 20.6  | 30.8  |
| 279 | 2.6   | 2.6   | 3.8   |

Manual Integrations  
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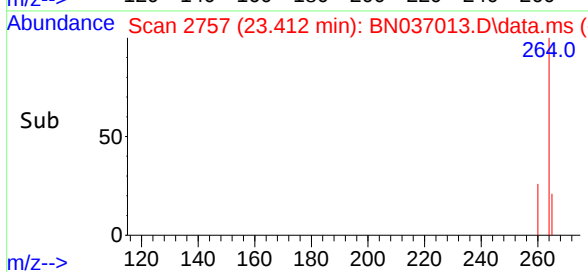
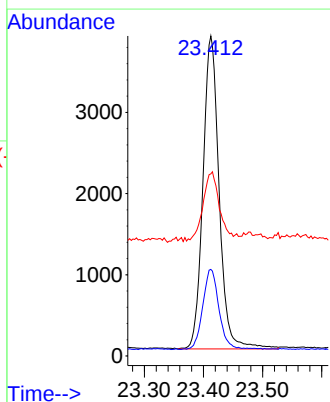
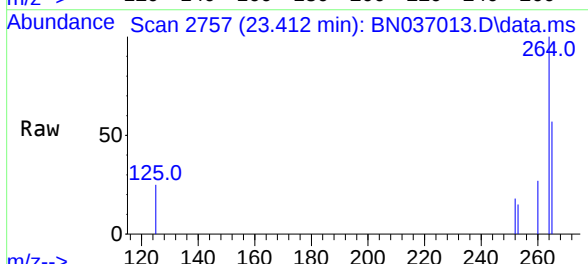
Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

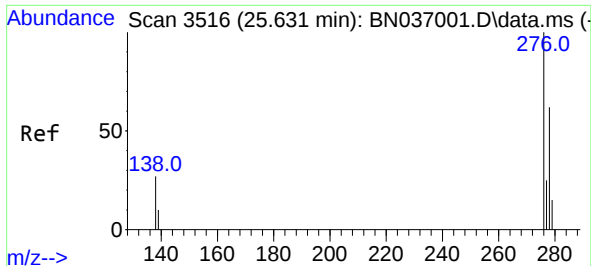


#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.412 min Scan# 2757  
 Delta R.T. -0.003 min  
 Lab File: BN037013.D  
 Acq: 14 May 2025 14:46

Tgt Ion:264 Resp: 7344

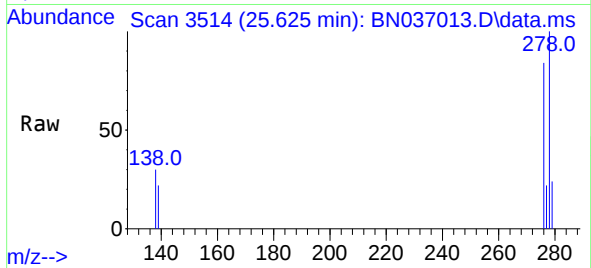
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.0  | 21.9  | 32.9  |
| 265 | 56.9  | 51.6  | 77.4  |





#36  
Indeno(1,2,3-cd)pyrene  
Concen: 3.70 ng  
RT: 25.625 min Scan# 3514  
Delta R.T. -0.006 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

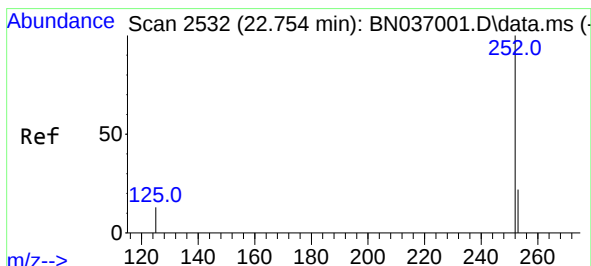
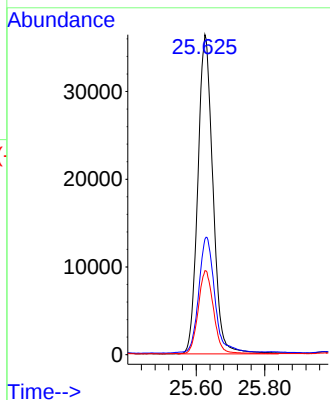
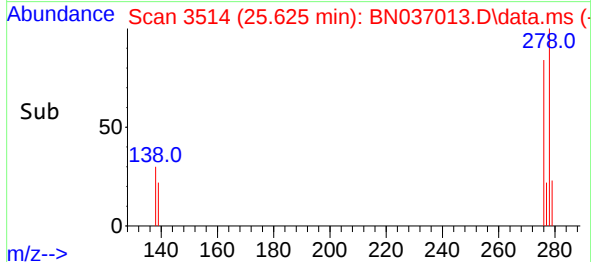
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



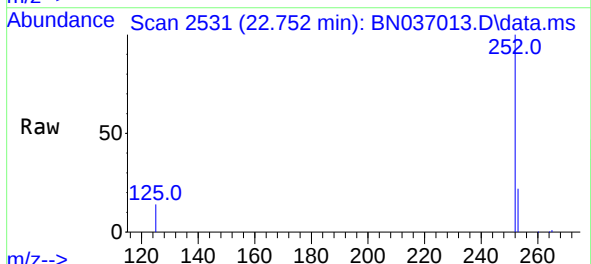
Tgt Ion:276 Resp: 111100  
Ion Ratio Lower Upper  
276 100  
138 38.8 22.7 34.1  
277 26.2 20.0 30.0

Manual Integrations  
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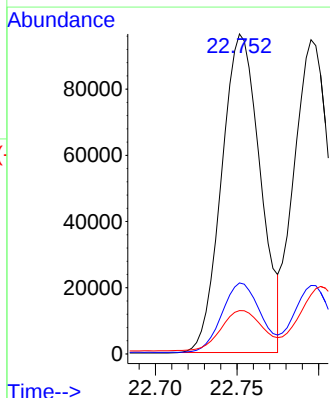
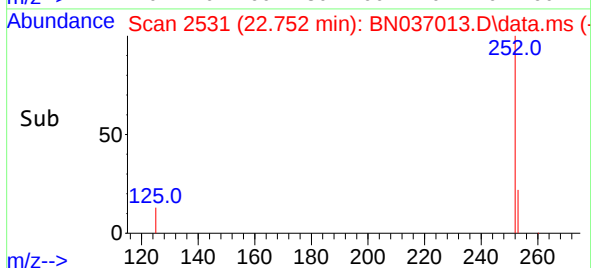
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

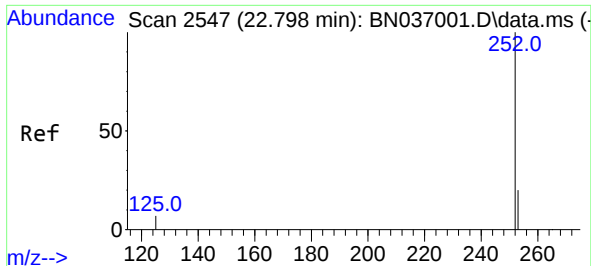


#37  
Benzo(b)fluoranthene  
Concen: 5.22 ng m  
RT: 22.752 min Scan# 2531  
Delta R.T. -0.003 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46



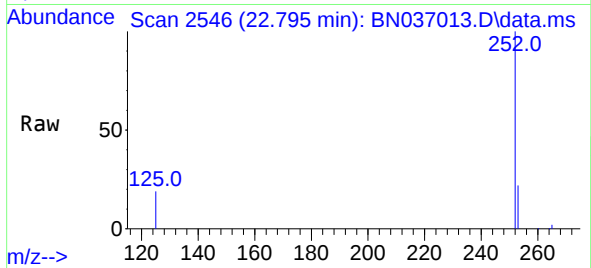
Tgt Ion:252 Resp: 158909  
Ion Ratio Lower Upper  
252 100  
253 22.2 21.8 32.6  
125 13.6 14.6 21.8#





#38  
Benzo(k)fluoranthene  
Concen: 4.92 ng  
RT: 22.795 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

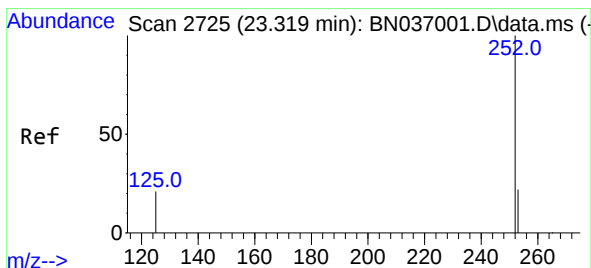
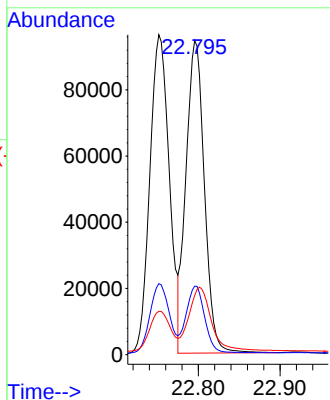
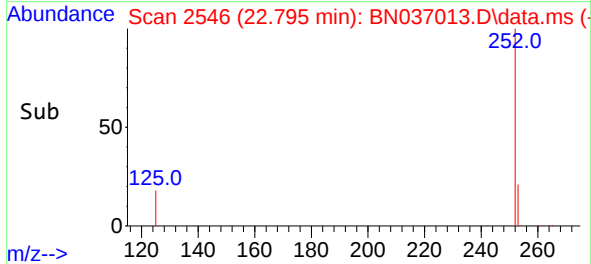
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



Tgt Ion:252 Resp: 147983  
Ion Ratio Lower Upper  
252 100  
253 21.8 21.4 32.2  
125 18.8 13.0 19.4

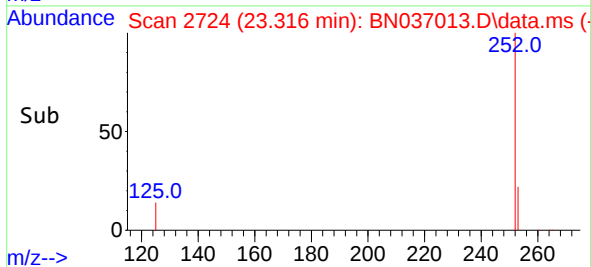
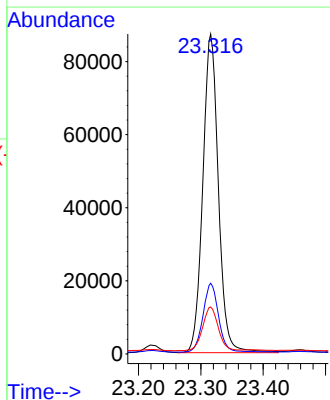
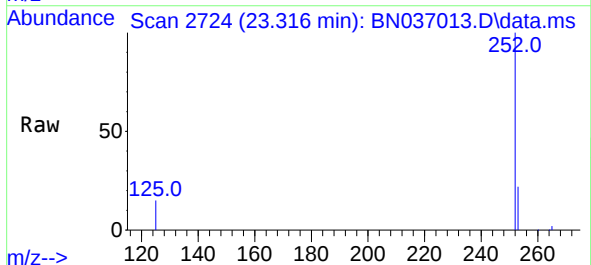
Manual Integrations  
APPROVED

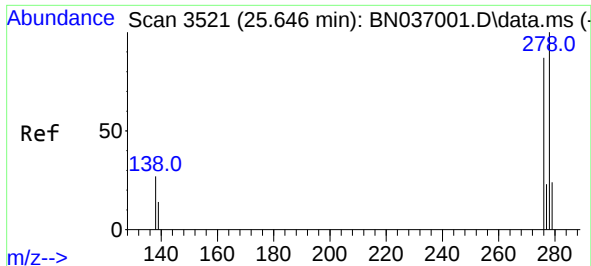
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#39  
Benzo(a)pyrene  
Concen: 5.86 ng  
RT: 23.316 min Scan# 2724  
Delta R.T. -0.003 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

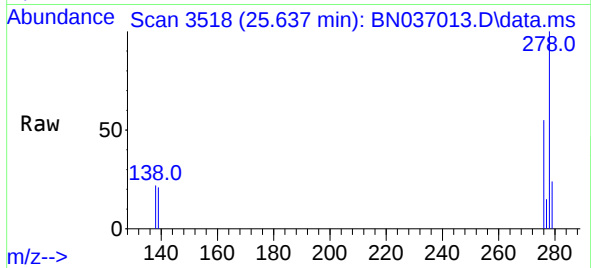
Tgt Ion:252 Resp: 151426  
Ion Ratio Lower Upper  
252 100  
253 22.1 23.8 35.6#  
125 14.7 21.8 32.6#





#40  
Dibenzo(a,h)anthracene  
Concen: 6.68 ng  
RT: 25.637 min Scan# 3518  
Delta R.T. -0.009 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46

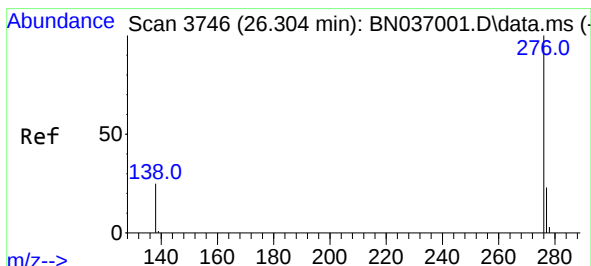
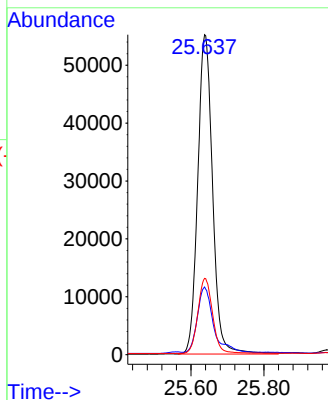
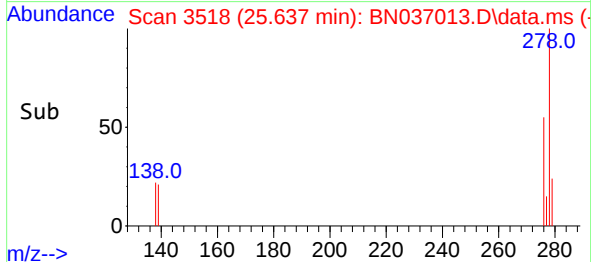
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOIL



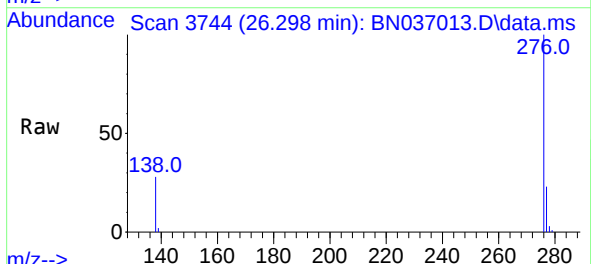
Tgt Ion:278 Resp: 155978  
Ion Ratio Lower Upper  
278 100  
139 21.1 17.4 26.0  
279 23.9 24.6 37.0

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#41  
Benzo(g,h,i)perylene  
Concen: 2.03 ng  
RT: 26.298 min Scan# 3744  
Delta R.T. -0.006 min  
Lab File: BN037013.D  
Acq: 14 May 2025 14:46



Tgt Ion:276 Resp: 51432  
Ion Ratio Lower Upper  
276 100  
277 23.5 20.2 30.4  
138 27.7 22.0 33.0

