

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040824\  
 Data File : BN030780.D  
 Acq On : 08 Apr 2024 22:02  
 Operator : MA/JU  
 Sample : PB160073BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160073BL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:27:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN033024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 00:04:36 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.689  | 152  | 4932     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8           | 10.464 | 136  | 14735    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10        | 14.327 | 164  | 7876     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.078 | 188  | 21349    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.276 | 240  | 16818    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.516 | 264  | 11607    | 0.400 | ng    | #-0.01   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.284  | 112  | 5163     | 0.481 | ng    | -0.01    |
| 5) Phenol-d6                | 6.859  | 99   | 4730     | 0.343 | ng    | -0.01    |
| 8) Nitrobenzene-d5          | 8.841  | 82   | 4044     | 0.391 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.062 | 152  | 8466     | 0.376 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.836 | 330  | 1090m    | 0.366 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.948 | 172  | 11620    | 0.382 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 19.112 | 212  | 24789    | 0.431 | ng    | -0.01    |
| 31) Terphenyl-d14           | 19.716 | 244  | 20405    | 0.525 | ng    | -0.01    |

Target Compounds Qvalue

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

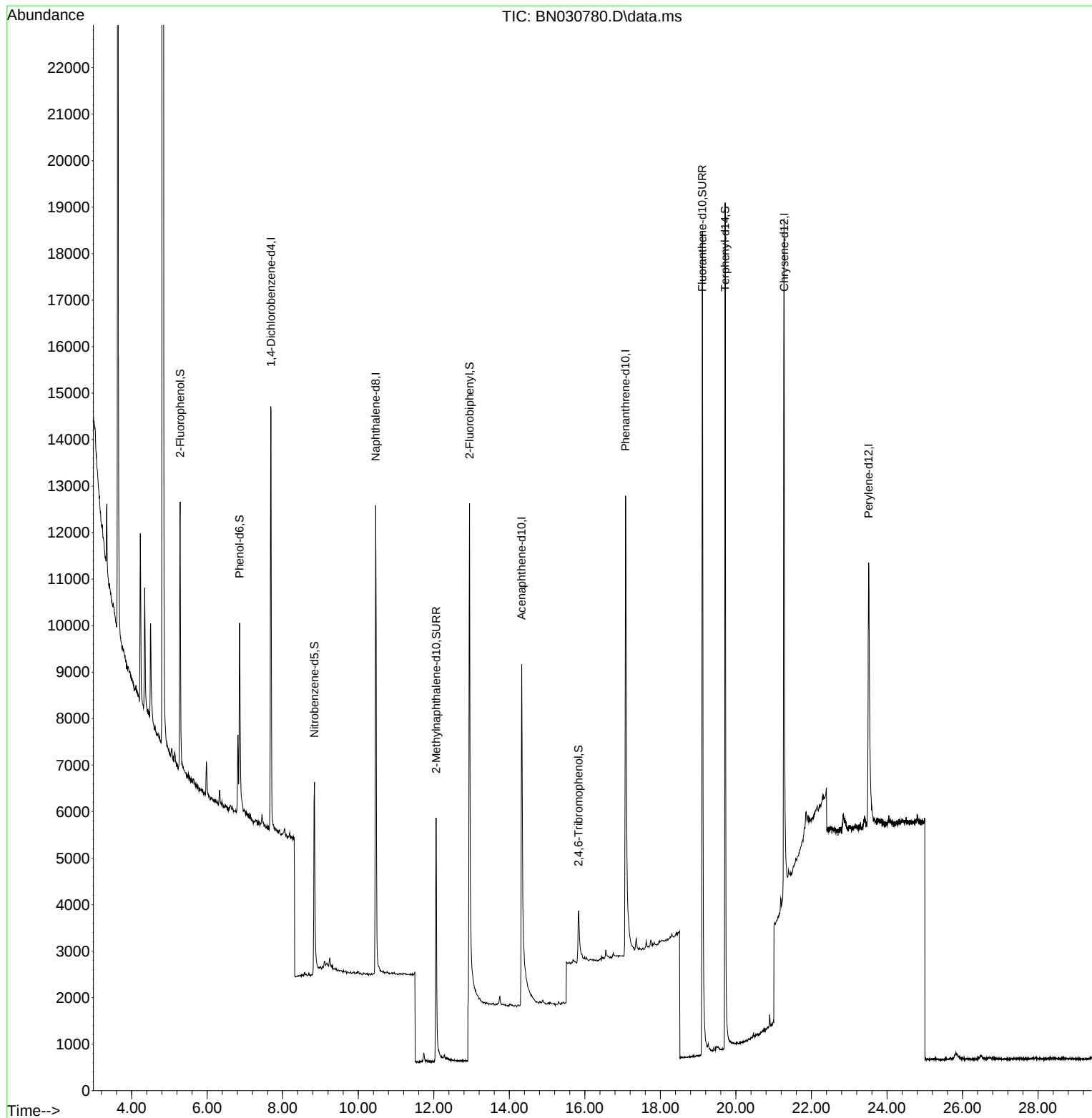
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040824\  
Data File : BN030780.D  
Acq On : 08 Apr 2024 22:02  
Operator : MA/JU  
Sample : PB160073BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:27:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN033024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 30 00:04:36 2024  
Response via : Initial Calibration





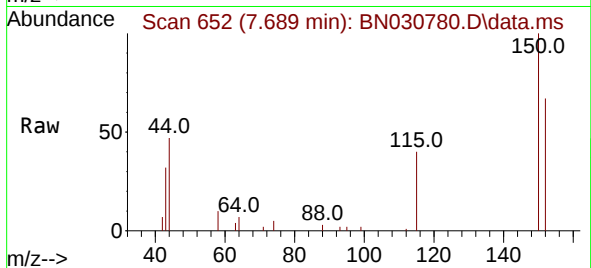
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.689 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Instrument :

BNA\_N

ClientSampleId :

PB160073BL



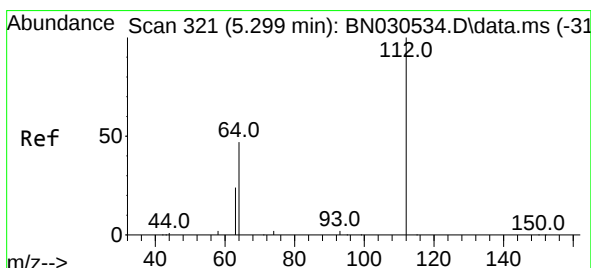
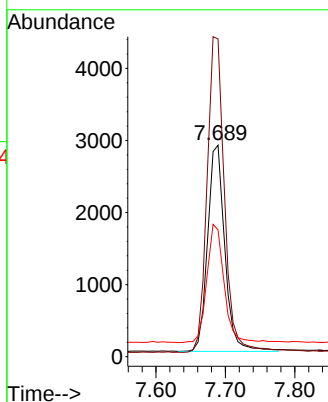
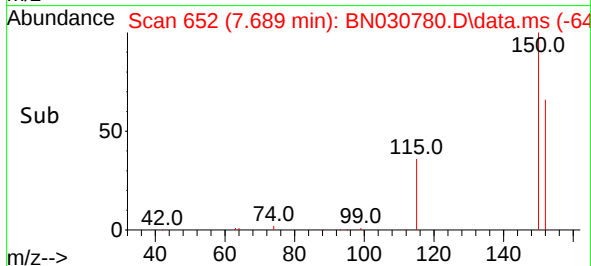
Tgt Ion:152 Resp: 4932  
Ion Ratio Lower Upper  
152 100  
150 150.2 124.2 186.4  
115 60.0 48.6 72.8

Manual Integrations

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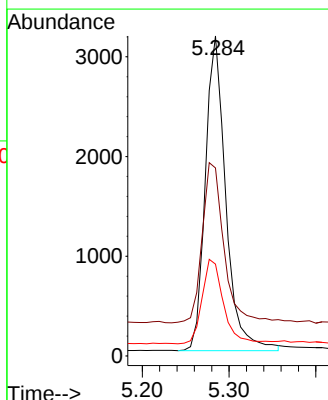
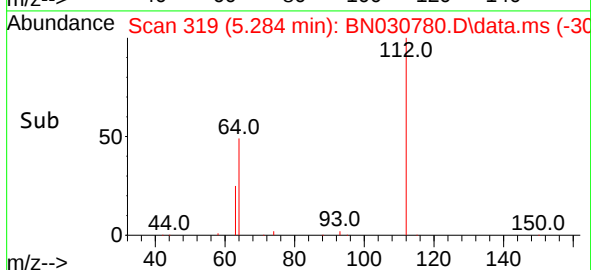
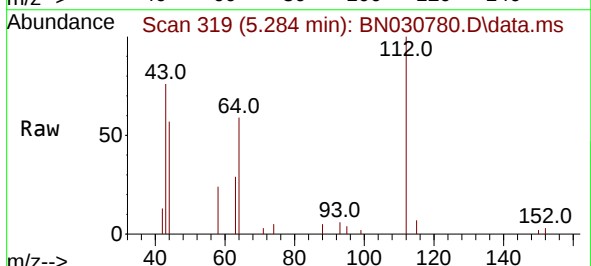
Reviewed By :Yogesh Patel 04/10/2024

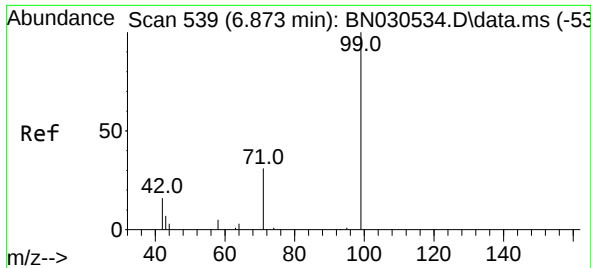
Supervised By :mohammad ahmed 04/10/2024



#4  
2-Fluorophenol  
Concen: 0.481 ng  
RT: 5.284 min Scan# 319  
Delta R.T. -0.015 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

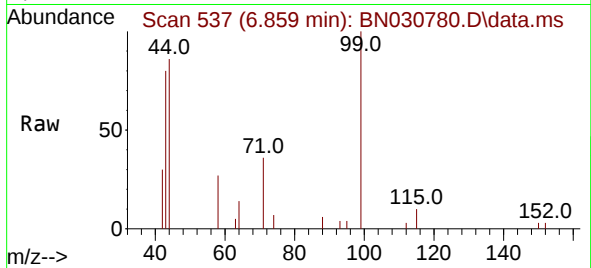
Tgt Ion:112 Resp: 5163  
Ion Ratio Lower Upper  
112 100  
64 53.8 43.2 64.8  
63 28.3 22.5 33.7





#5  
Phenol-d6  
Concen: 0.343 ng  
RT: 6.859 min Scan# 51  
Delta R.T. -0.015 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

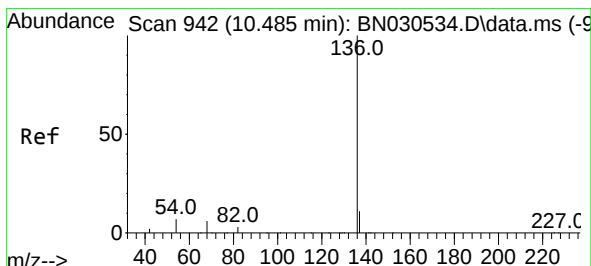
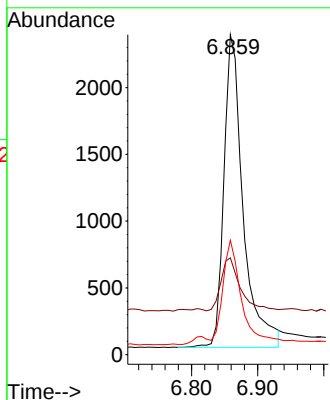
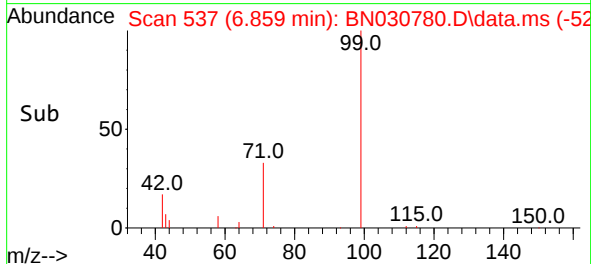
Instrument :  
BNA\_N  
ClientSampleId :  
PB160073BL



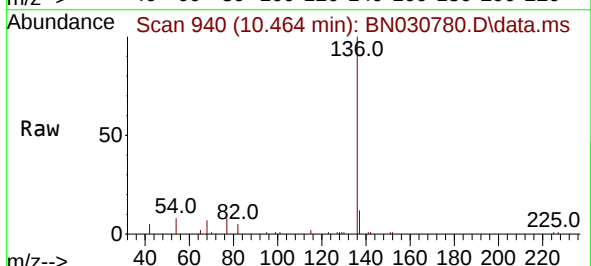
Tgt Ion: 99 Resp: 4730  
Ion Ratio Lower Upper  
99 100  
42 17.0 15.8 23.6  
71 29.6 25.9 38.9

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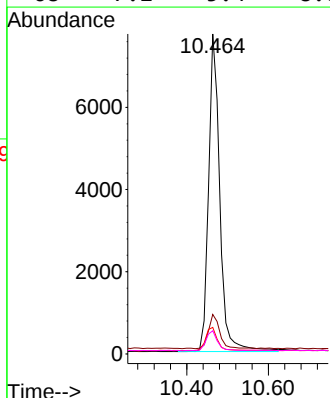
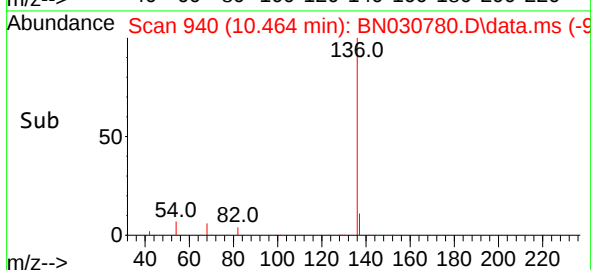
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

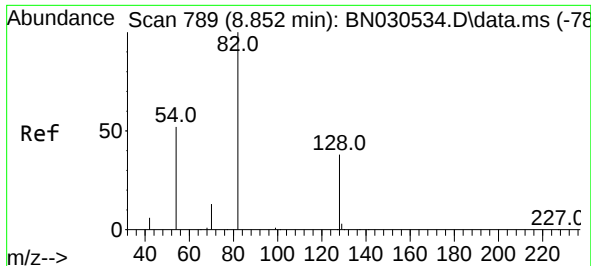


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.464 min Scan# 940  
Delta R.T. -0.021 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02



Tgt Ion:136 Resp: 14735  
Ion Ratio Lower Upper  
136 100  
137 12.3 9.1 13.7  
54 8.3 6.4 9.6  
68 7.2 5.4 8.0





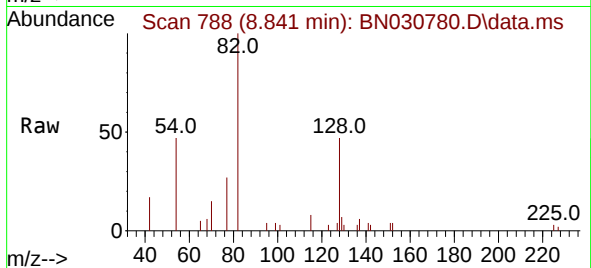
#8  
Nitrobenzene-d5  
Concen: 0.391 ng  
RT: 8.841 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Instrument :

BNA\_N

ClientSampleId :

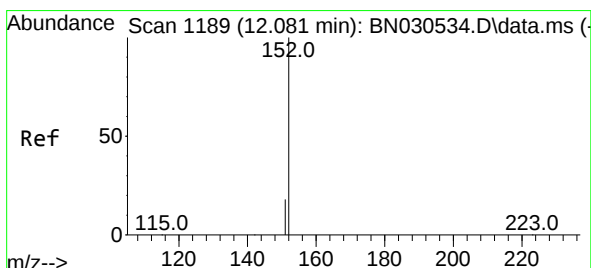
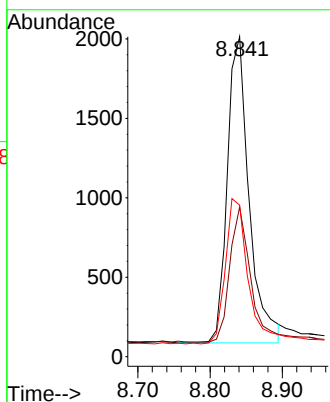
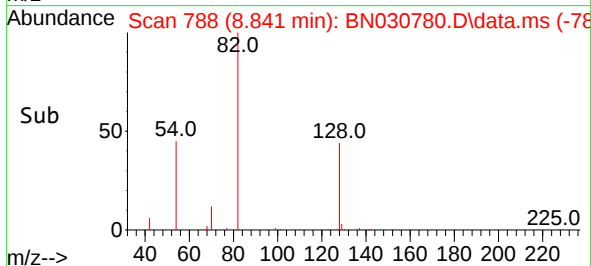
PB160073BL



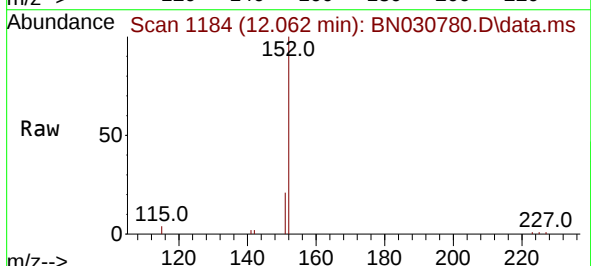
Tgt Ion: 82 Resp: 4044  
Ion Ratio Lower Upper  
82 100  
128 46.8 32.3 48.5  
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Manual Integrations  
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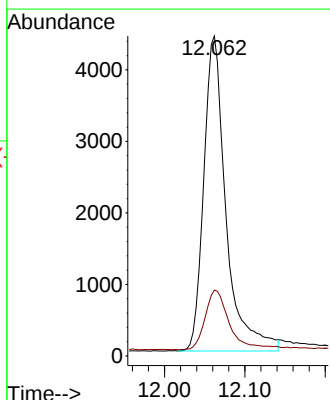
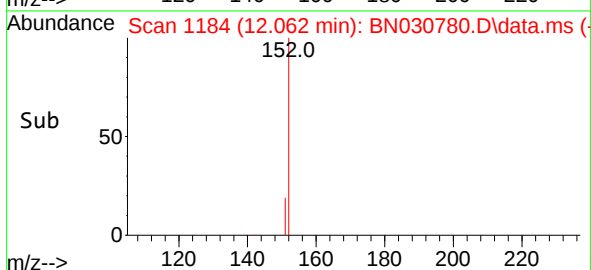
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

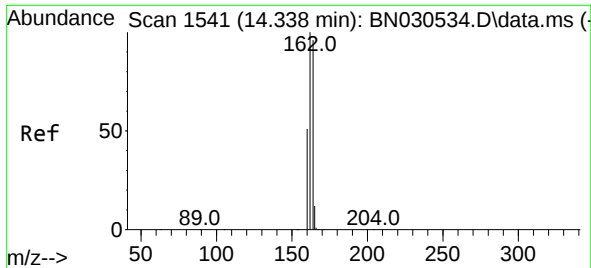


#11  
2-Methylnaphthalene-d10  
Concen: 0.376 ng  
RT: 12.062 min Scan# 1184  
Delta R.T. -0.019 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02



Tgt Ion:152 Resp: 8466  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1





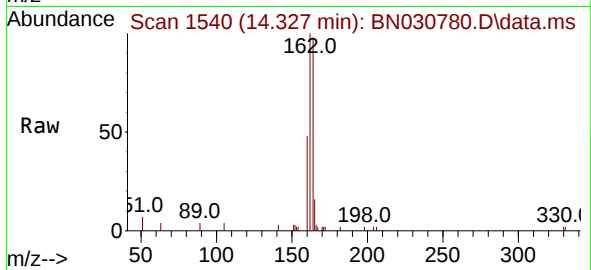
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.327 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Instrument :

BNA\_N

ClientSampleId :

PB160073BL



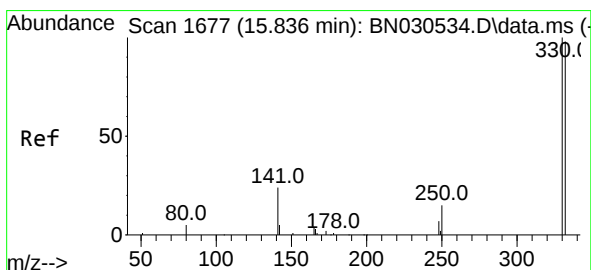
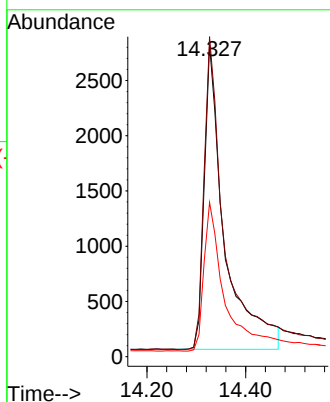
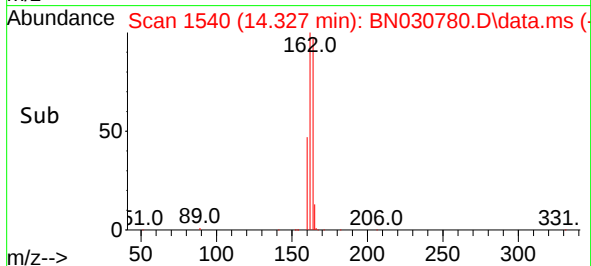
Tgt Ion:164 Resp: 7870  
Ion Ratio Lower Upper  
164 100  
162 102.5 83.5 125.3  
160 49.4 42.5 63.7

Manual Integrations

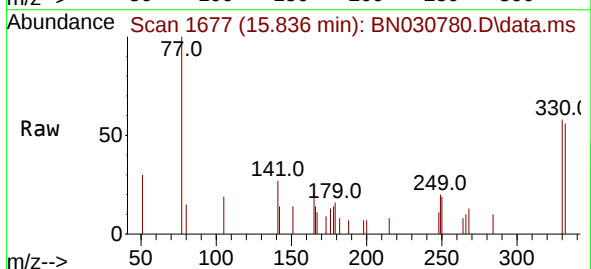
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

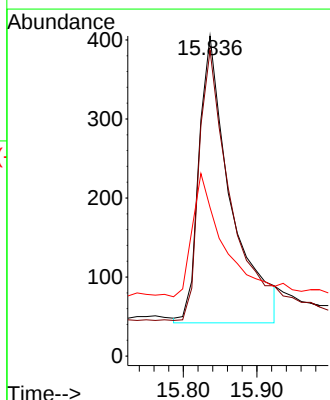
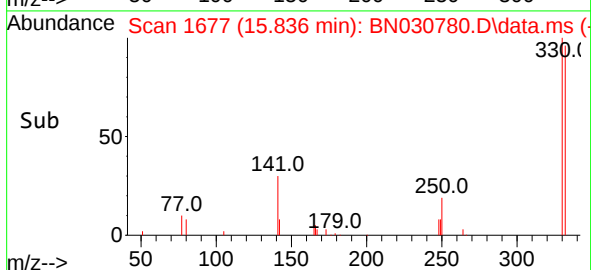
Supervised By :mohammad ahmed 04/10/2024

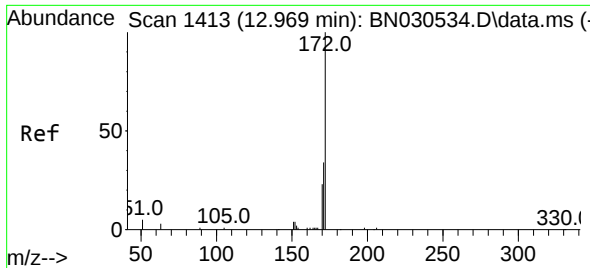


#14  
2,4,6-Tribromophenol  
Concen: 0.366 ng m  
RT: 15.836 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02



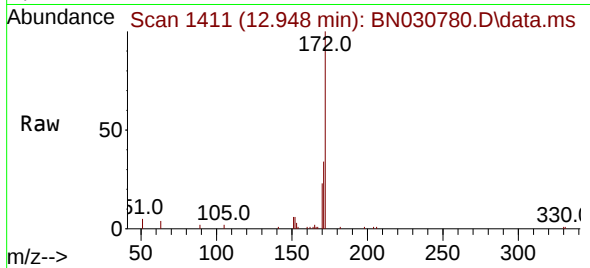
Tgt Ion:330 Resp: 1090  
Ion Ratio Lower Upper  
330 100  
332 78.6 77.0 115.6  
141 35.4 35.9 53.9#





#15  
2-Fluorobiphenyl  
Concen: 0.382 ng  
RT: 12.948 min Scan# 1411  
Delta R.T. -0.021 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

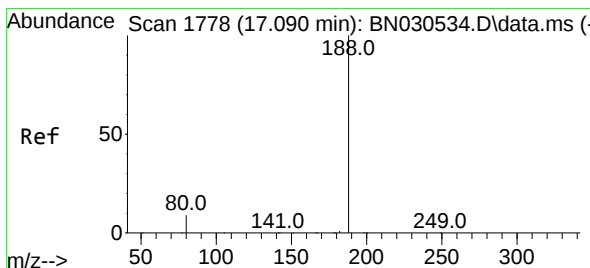
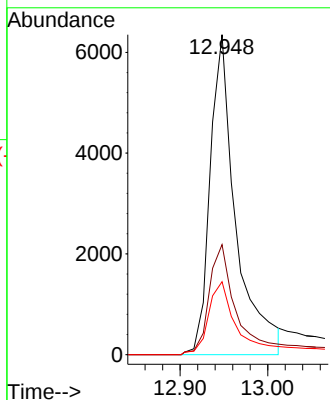
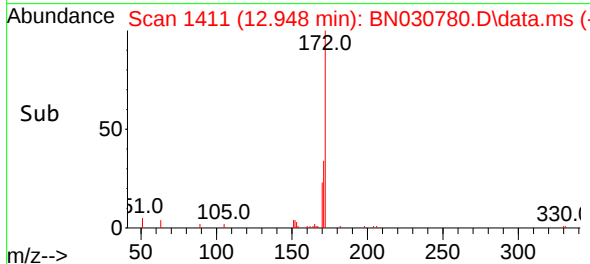
Instrument :  
BNA\_N  
ClientSampleId :  
PB160073BL



Tgt Ion:172 Resp: 11620  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.1 40.7  
170 22.8 18.3 27.5

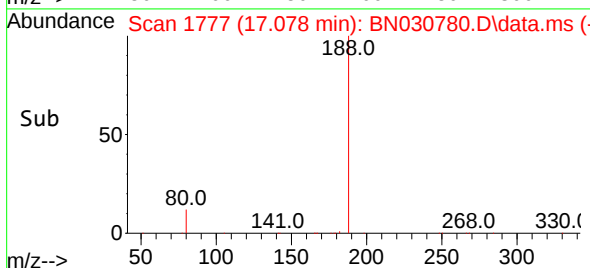
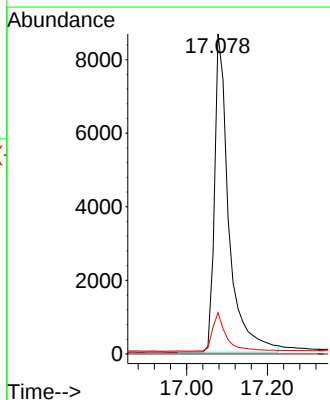
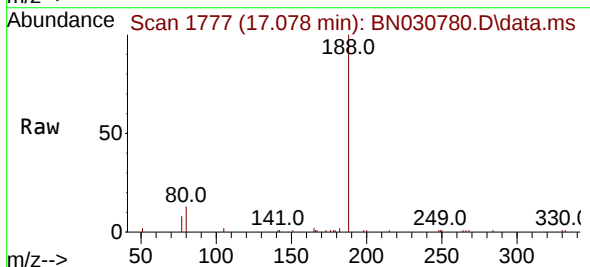
Manual Integrations  
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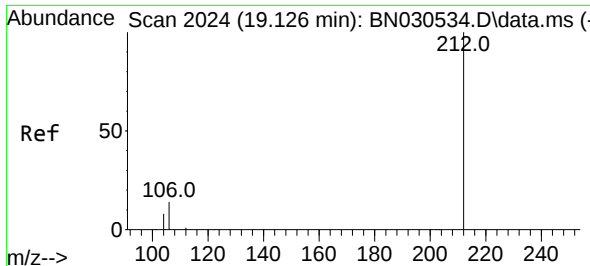
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.078 min Scan# 1777  
Delta R.T. -0.012 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Tgt Ion:188 Resp: 21349  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.9 7.4 11.0#





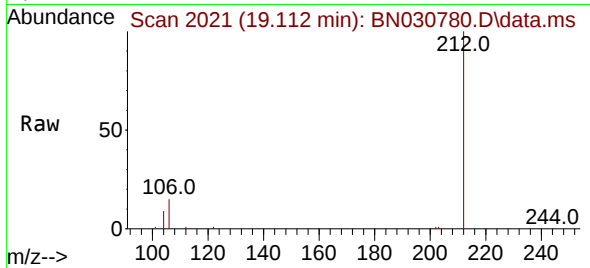
#27  
Fluoranthene-d10  
Concen: 0.431 ng  
RT: 19.112 min Scan# 20  
Delta R.T. -0.014 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Instrument :

BNA\_N

ClientSampleId :

PB160073BL



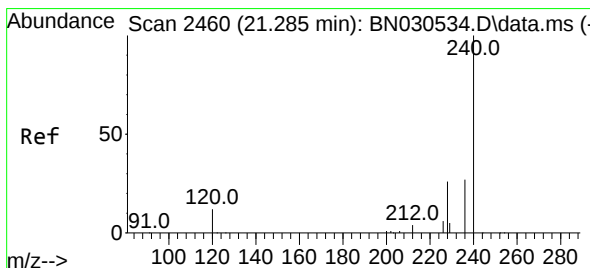
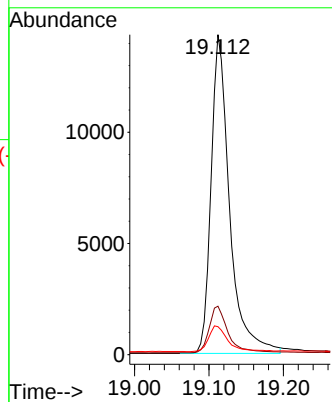
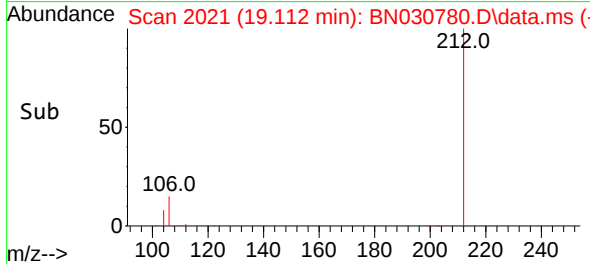
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212 100  
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104 8.4 6.6 9.8

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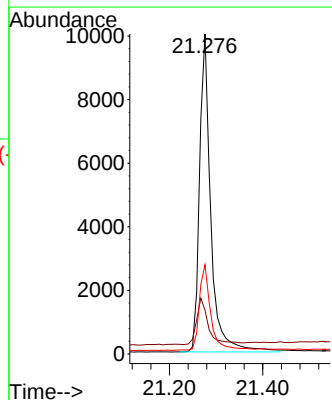
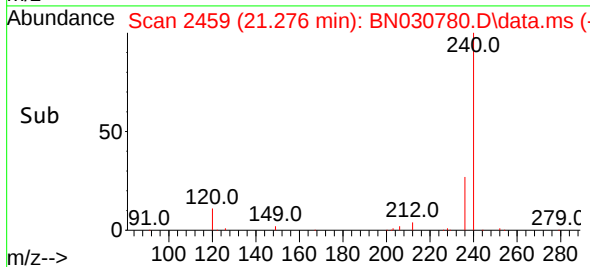
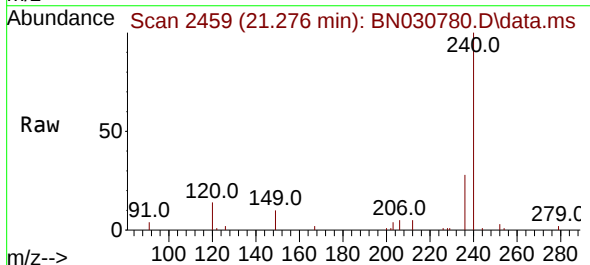
Reviewed By :Yogesh Patel 04/10/2024

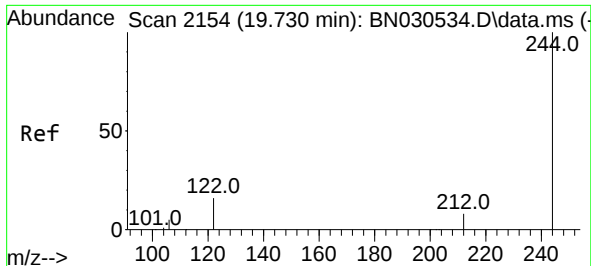
Supervised By :mohammad ahmed 04/10/2024



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.276 min Scan# 2459  
Delta R.T. -0.009 min  
Lab File: BN030780.D  
Acq: 08 Apr 2024 22:02

Tgt Ion:240 Resp: 16818  
Ion Ratio Lower Upper  
240 100  
120 13.7 10.6 15.8  
236 27.9 22.1 33.1





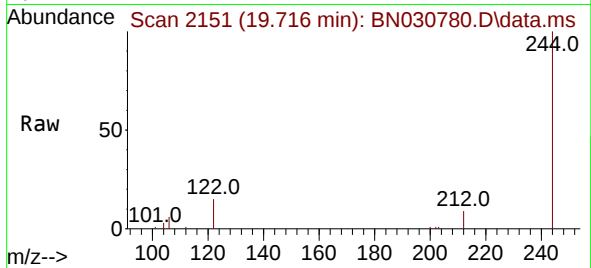
#31  
 Terphenyl-d14  
 Concen: 0.525 ng  
 RT: 19.716 min Scan# 2151  
 Delta R.T. -0.014 min  
 Lab File: BN030780.D  
 Acq: 08 Apr 2024 22:02

Instrument :

BNA\_N

ClientSampleId :

PB160073BL



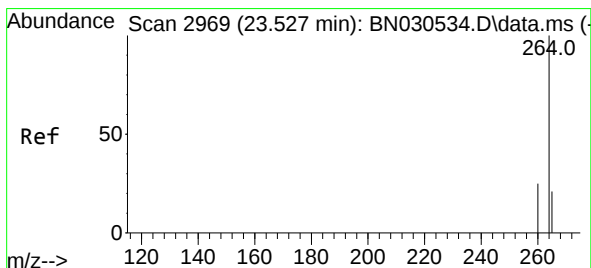
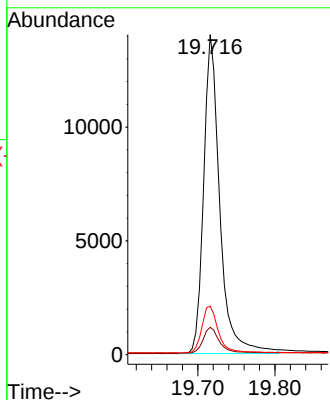
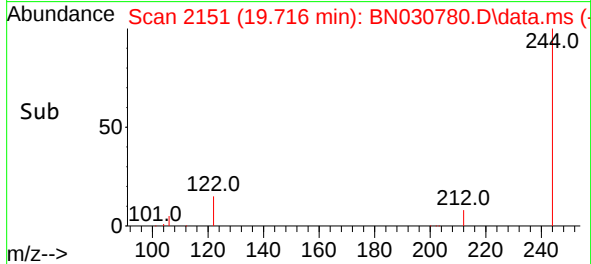
Tgt Ion:244 Resp: 2040  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.9 10.3  
 122 15.1 12.7 19.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.516 min Scan# 2965  
 Delta R.T. -0.012 min  
 Lab File: BN030780.D  
 Acq: 08 Apr 2024 22:02

Tgt Ion:264 Resp: 11607  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 20.6 30.8  
 265 110.8 41.8 62.8#

