

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112724\  
 Data File : BN035358.D  
 Acq On : 27 Nov 2024 20:57  
 Operator : RC/JU  
 Sample : PB165224BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB165224BL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024  
 Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:30:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 23:03:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.308  | 152  | 1607     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.063 | 136  | 3806     | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 13.967 | 164  | 2822     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.736 | 188  | 7341     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 20.974 | 240  | 7132     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.067 | 264  | 8113     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 4.968  | 112  | 1264     | 0.314 | ng    | 0.00     |
| 5) Phenol-d6                | 6.513  | 99   | 1363     | 0.282 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.450  | 82   | 887m     | 0.382 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 11.661 | 152  | 2528     | 0.424 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.485 | 330  | 349      | 0.174 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.579 | 172  | 4240     | 0.397 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 18.785 | 212  | 8826     | 0.424 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.412 | 244  | 6801     | 0.483 | ng    | 0.00     |

Target Compounds Qvalue

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

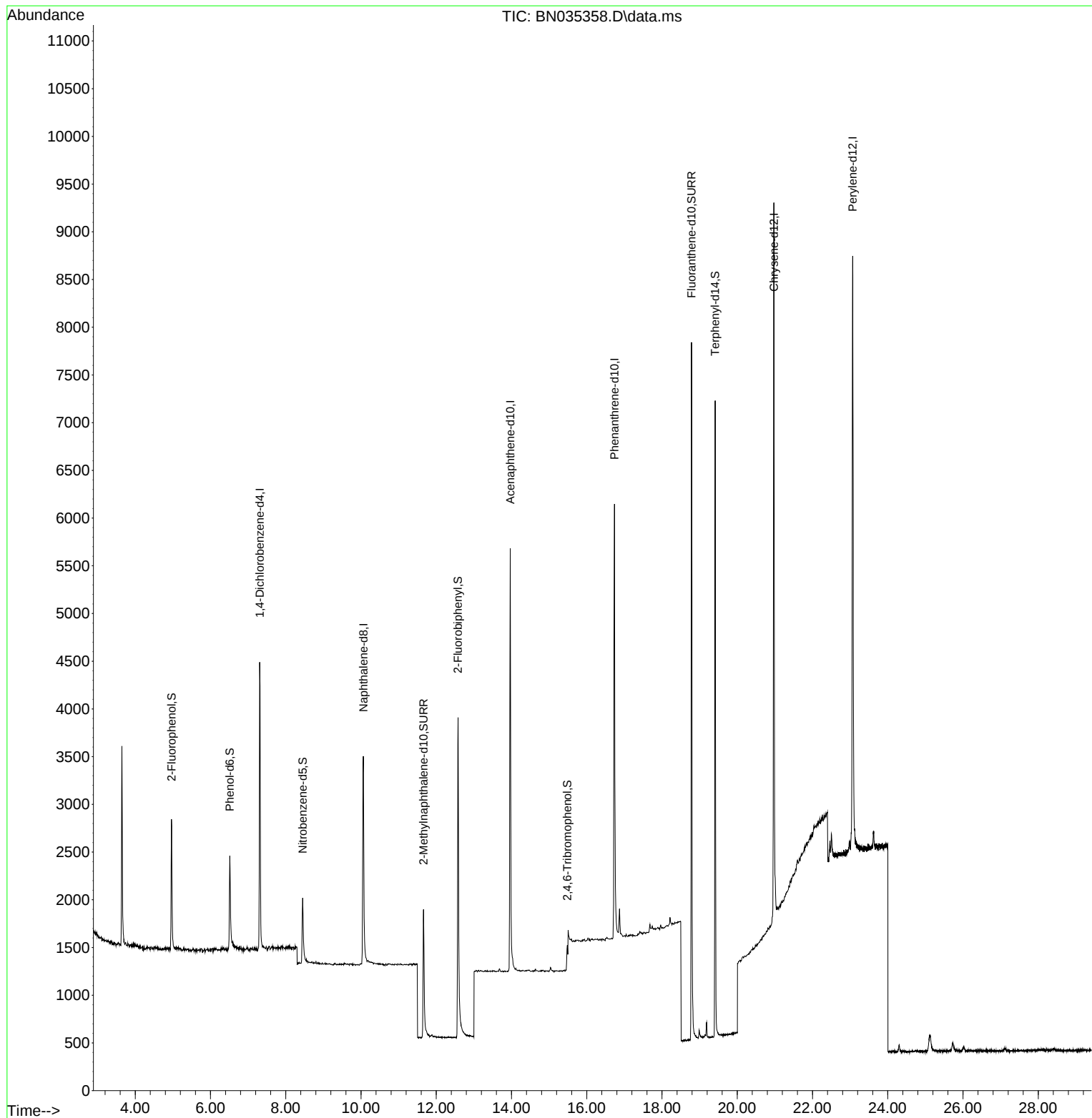
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112724\  
Data File : BN035358.D  
Acq On : 27 Nov 2024 20:57  
Operator : RC/JU  
Sample : PB165224BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

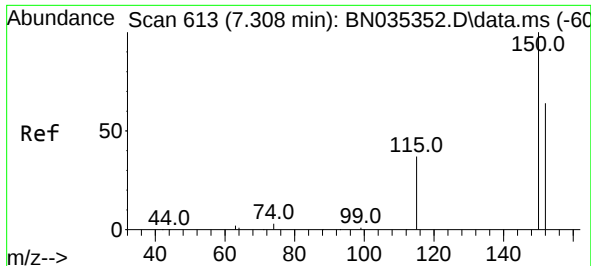
Instrument :  
BNA\_N  
ClientSampleId :  
PB165224BL

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Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:30:01 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 27 23:03:24 2024  
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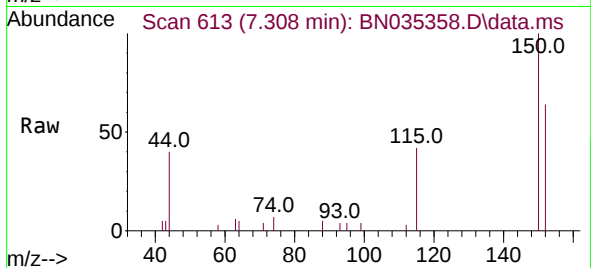
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.308 min Scan# 613  
Delta R.T. -0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

Instrument :

BNA\_N

ClientSampleId :

PB165224BL



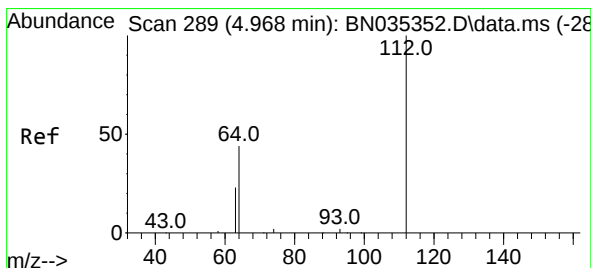
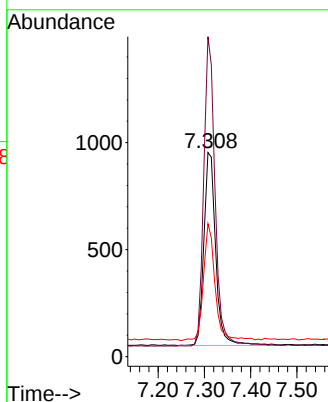
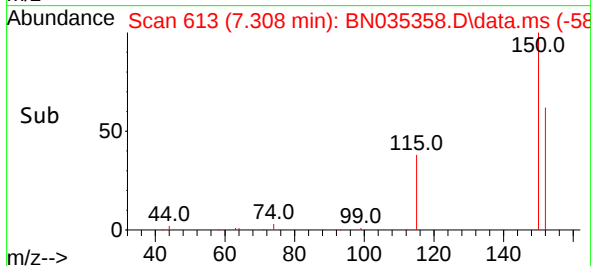
Tgt Ion:152 Resp: 160  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.0 186.0  
115 65.1 49.6 74.4

Manual Integrations

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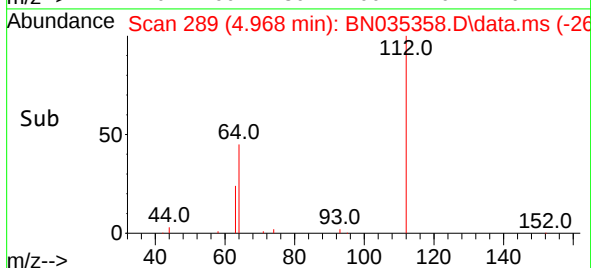
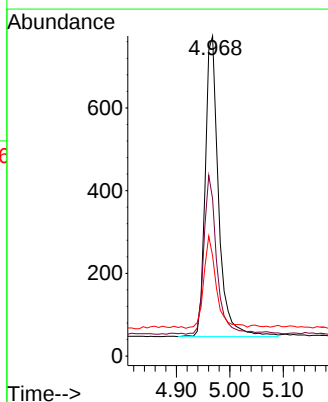
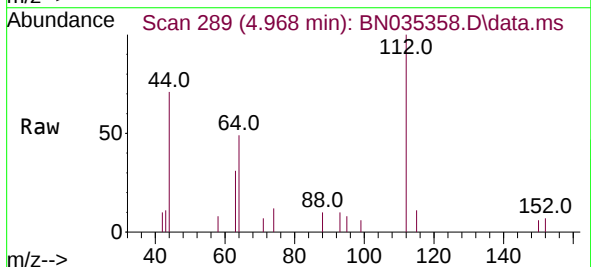
Reviewed By :Yogesh Patel 11/29/2024

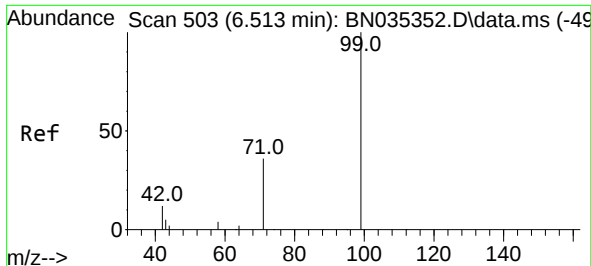
Supervised By :mohammad ahmed 12/03/2024



#4  
2-Fluorophenol  
Concen: 0.314 ng  
RT: 4.968 min Scan# 289  
Delta R.T. -0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

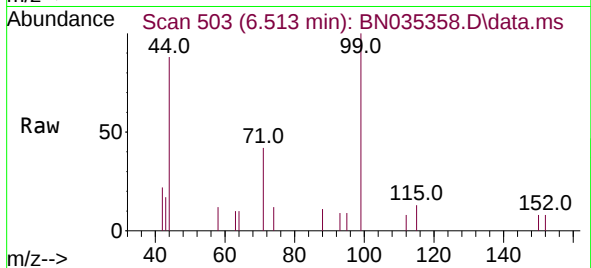
Tgt Ion:112 Resp: 1264  
Ion Ratio Lower Upper  
112 100  
64 50.8 39.8 59.8  
63 28.9 21.0 31.6





#5  
Phenol-d6  
Concen: 0.282 ng  
RT: 6.513 min Scan# 503  
Delta R.T. 0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

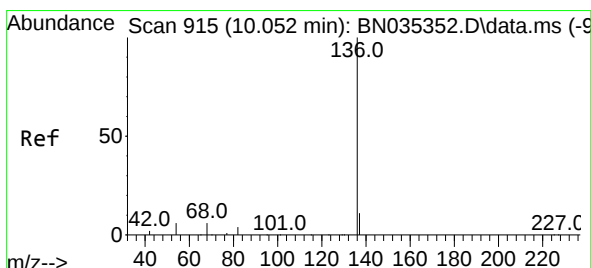
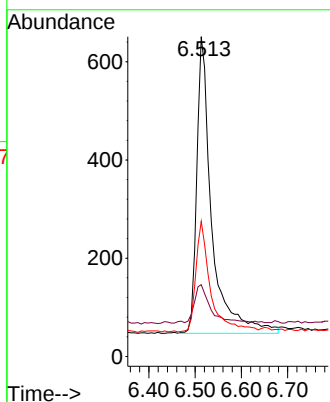
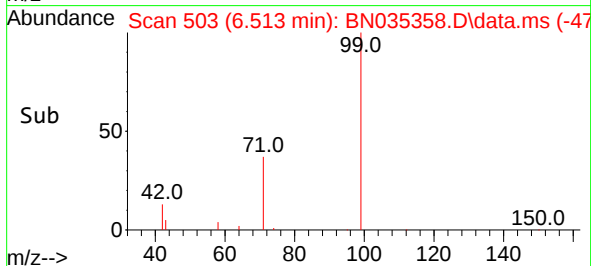
Instrument :  
BNA\_N  
ClientSampleId :  
PB165224BL



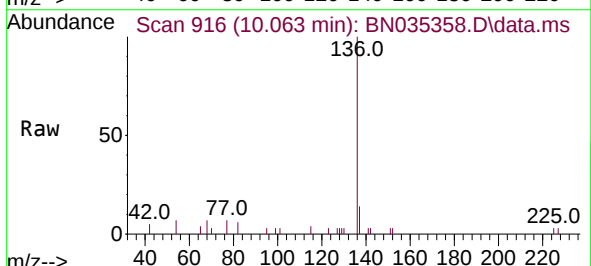
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Ion Ratio Lower Upper  
99 100  
42 13.9 11.4 17.2  
71 36.6 29.3 43.9

Manual Integrations  
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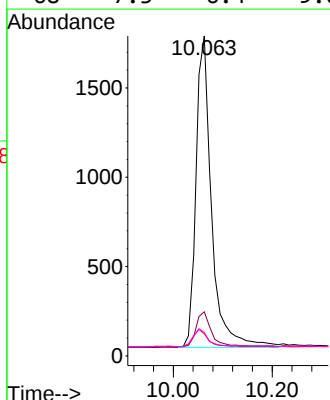
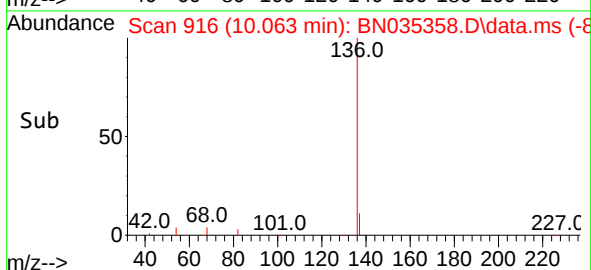
Reviewed By :Yogesh Patel 11/29/2024  
Supervised By :mohammad ahmed 12/03/2024

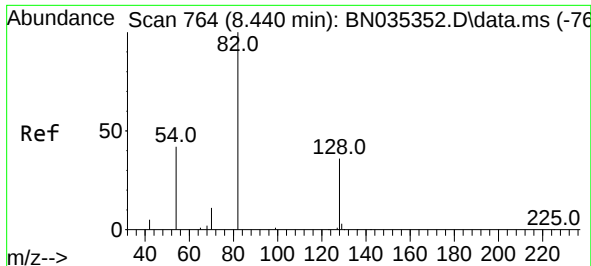


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.063 min Scan# 916  
Delta R.T. 0.011 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57



Tgt Ion:136 Resp: 3806  
Ion Ratio Lower Upper  
136 100  
137 13.8 10.2 15.2  
54 6.9 6.1 9.1  
68 7.3 6.4 9.6





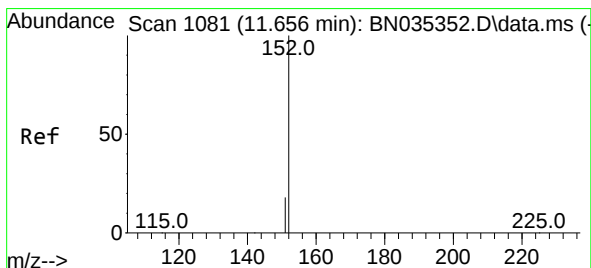
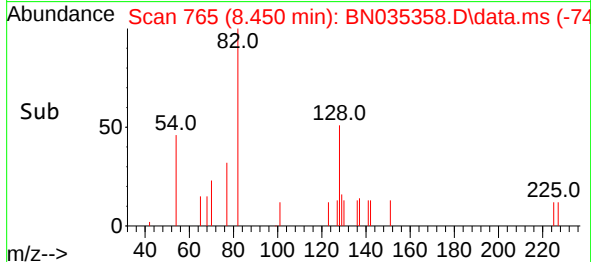
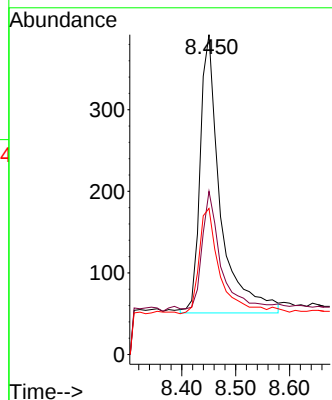
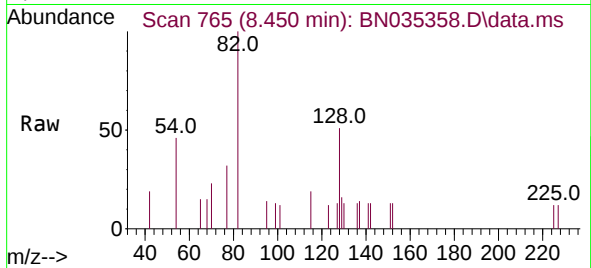
#8  
Nitrobenzene-d5  
Concen: 0.382 ng m  
RT: 8.450 min Scan# 765  
Delta R.T. 0.011 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

Instrument :  
BNA\_N  
ClientSampleId :  
PB165224BL

Tgt Ion: 82 Resp: 88  
Ion Ratio Lower Upper  
82 100  
128 51.0 33.4 50.0  
54 45.7 36.7 55.1

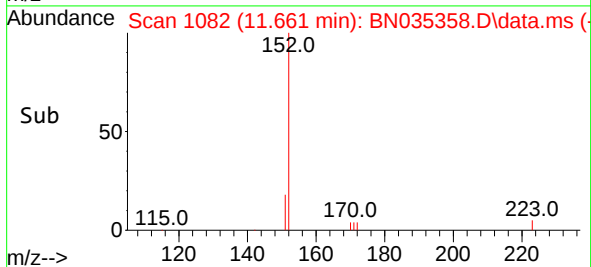
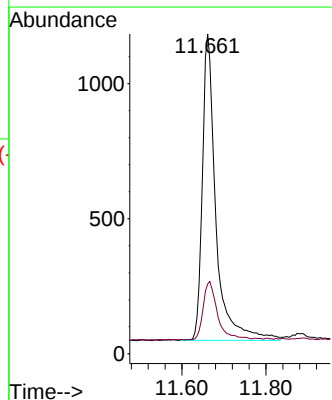
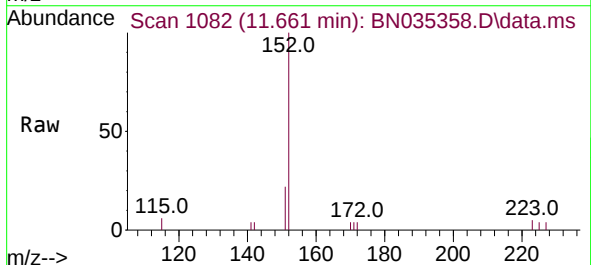
Manual Integrations  
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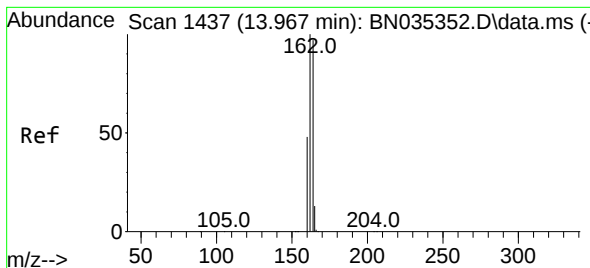
Reviewed By :Yogesh Patel 11/29/2024  
Supervised By :mohammad ahmed 12/03/2024



#11  
2-Methylnaphthalene-d10  
Concen: 0.424 ng  
RT: 11.661 min Scan# 1082  
Delta R.T. 0.005 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

Tgt Ion:152 Resp: 2528  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.6 25.0





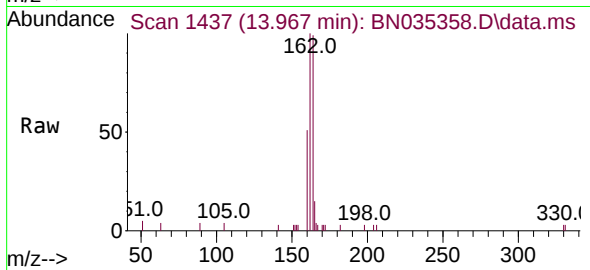
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.967 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

Instrument :

BNA\_N

ClientSampleId :

PB165224BL



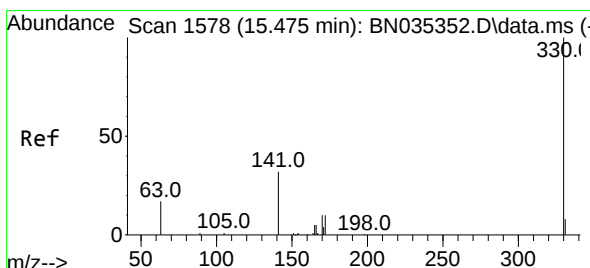
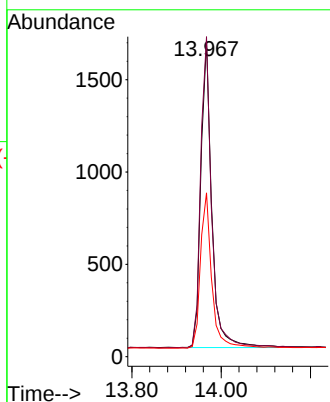
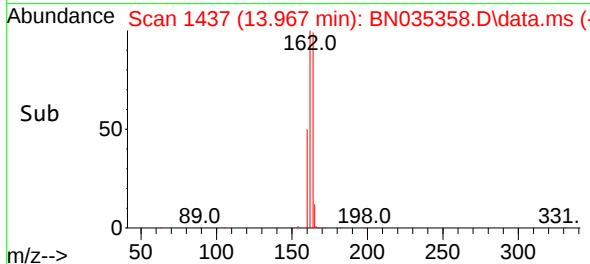
Tgt Ion:164 Resp: 282  
Ion Ratio Lower Upper  
164 100  
162 101.3 82.2 123.2  
160 51.8 40.1 60.1

Manual Integrations

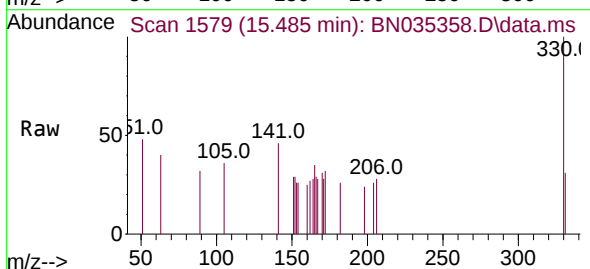
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

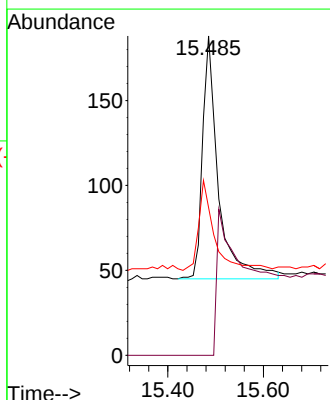
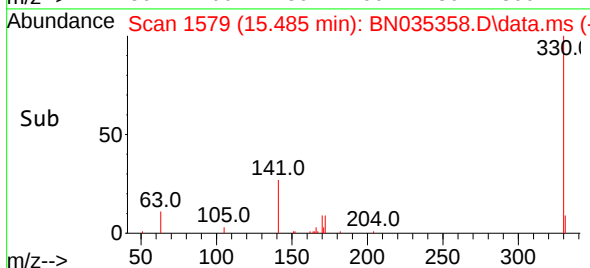
Supervised By :mohammad ahmed 12/03/2024

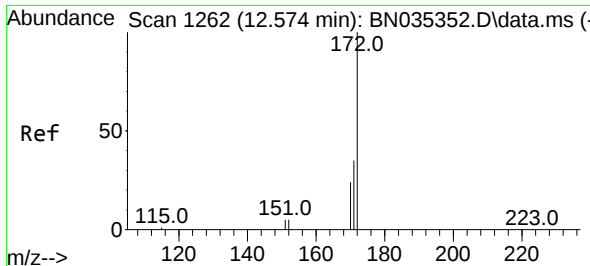


#14  
2,4,6-Tribromophenol  
Concen: 0.174 ng  
RT: 15.485 min Scan# 1579  
Delta R.T. 0.011 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57



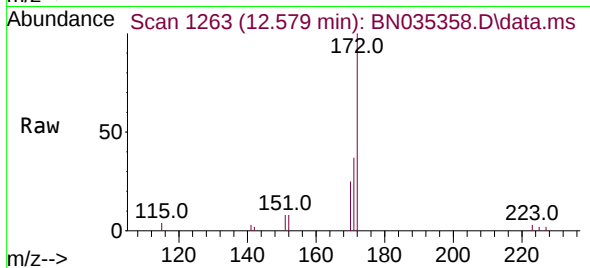
Tgt Ion:330 Resp: 349  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.0 26.6 40.0





#15  
2-Fluorobiphenyl  
Concen: 0.397 ng  
RT: 12.579 min Scan# 1262  
Delta R.T. 0.005 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

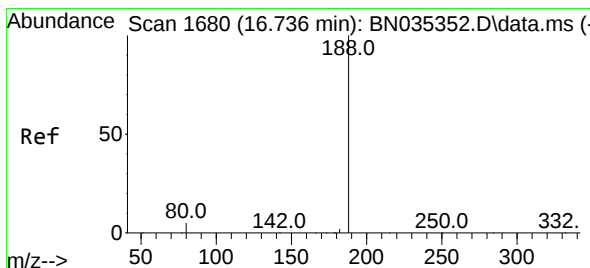
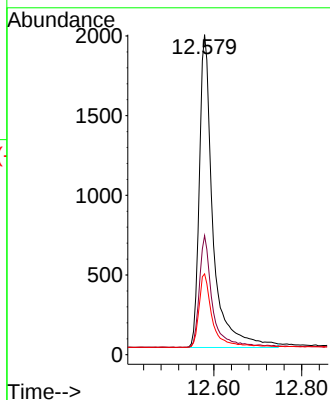
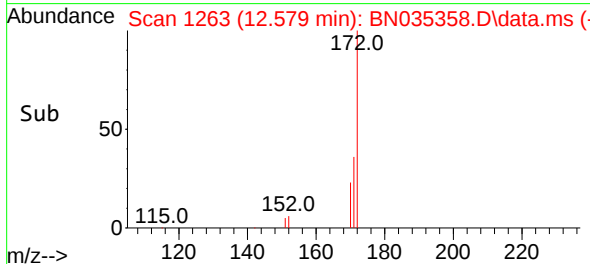
Instrument :  
BNA\_N  
ClientSampleId :  
PB165224BL



Tgt Ion:172 Resp: 4240  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.0 43.4  
170 25.2 19.8 29.8

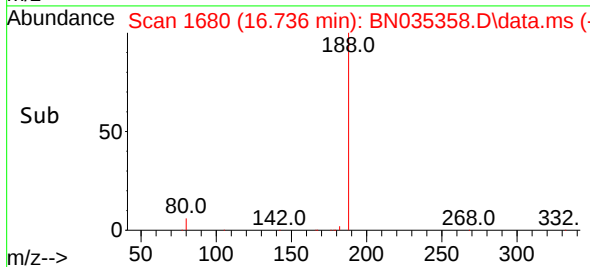
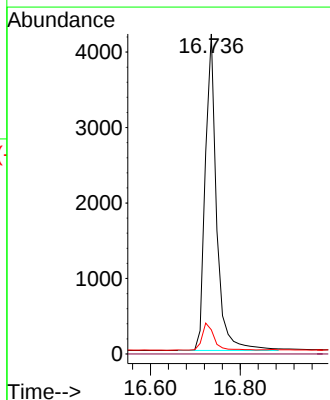
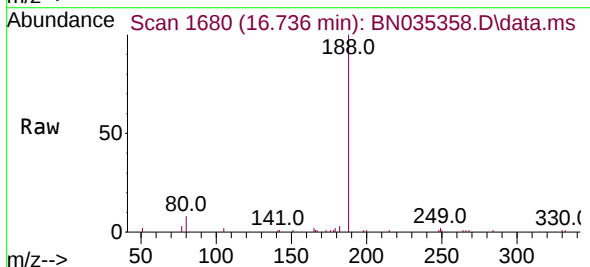
Manual Integrations  
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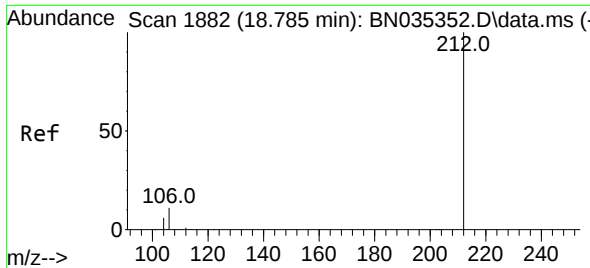
Reviewed By :Yogesh Patel 11/29/2024  
Supervised By :mohammad ahmed 12/03/2024



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.736 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

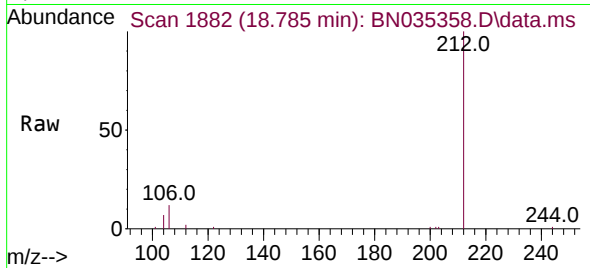
Tgt Ion:188 Resp: 7341  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.5 4.6 6.8





#27  
Fluoranthene-d10  
Concen: 0.424 ng  
RT: 18.785 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

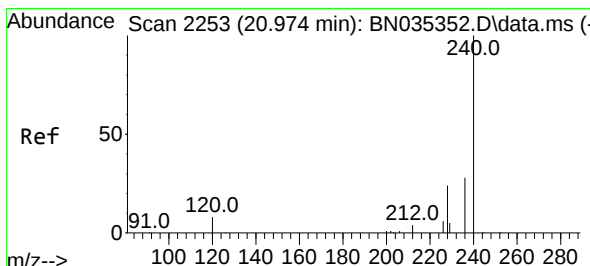
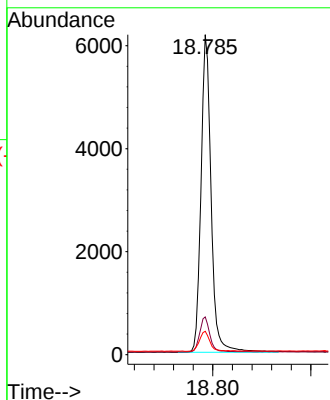
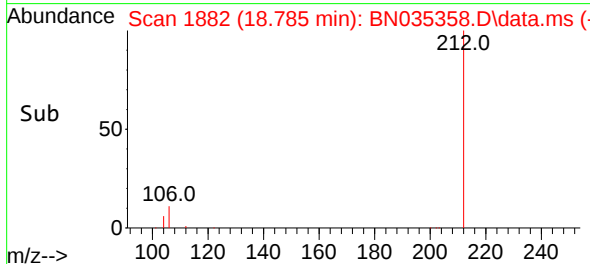
Instrument :  
BNA\_N  
ClientSampleId :  
PB165224BL



Tgt Ion:212 Resp: 8820  
Ion Ratio Lower Upper  
212 100  
106 11.2 9.2 13.8  
104 6.3 5.3 7.9

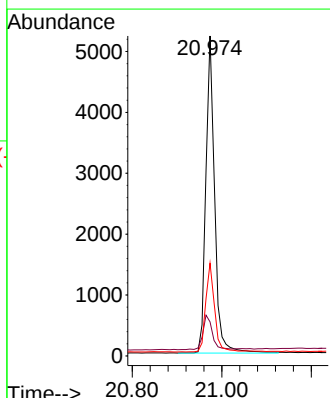
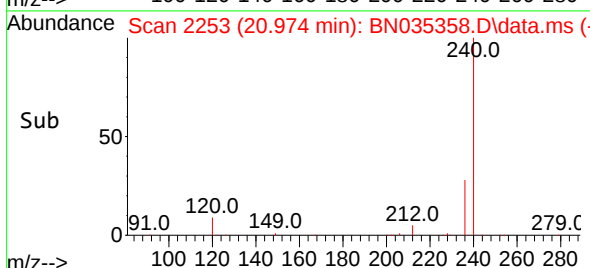
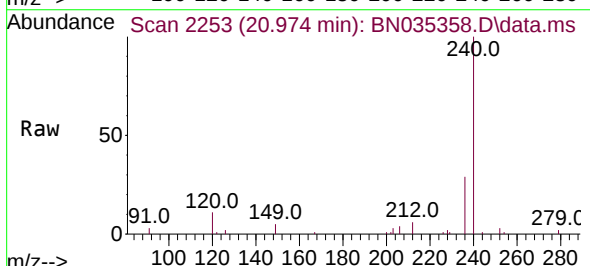
Manual Integrations  
APPROVED

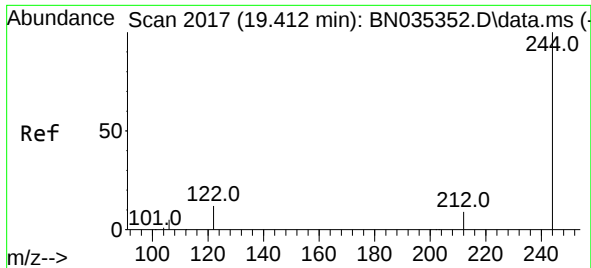
Reviewed By :Yogesh Patel 11/29/2024  
Supervised By :mohammad ahmed 12/03/2024



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.974 min Scan# 2253  
Delta R.T. -0.000 min  
Lab File: BN035358.D  
Acq: 27 Nov 2024 20:57

Tgt Ion:240 Resp: 7132  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.9 11.9  
236 29.0 22.9 34.3





#31  
 Terphenyl-d14  
 Concen: 0.483 ng  
 RT: 19.412 min Scan# 2017  
 Delta R.T. -0.000 min  
 Lab File: BN035358.D  
 Acq: 27 Nov 2024 20:57

Instrument :

BNA\_N

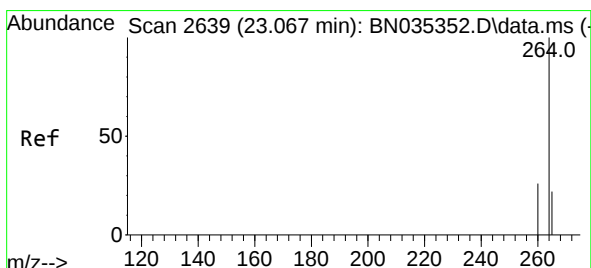
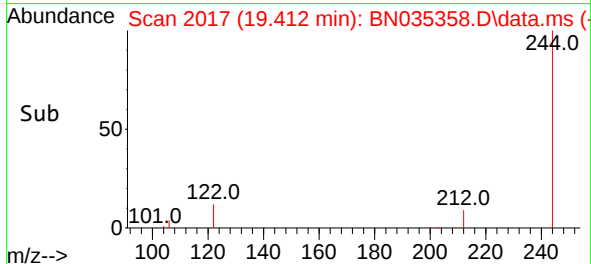
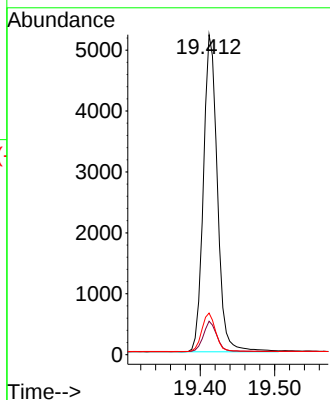
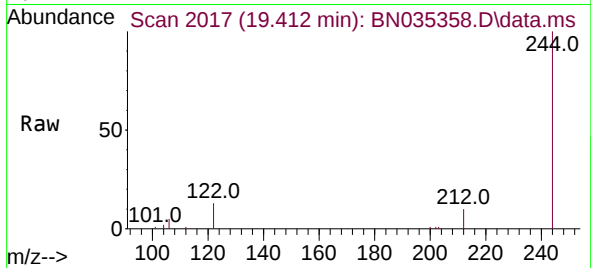
ClientSampleId :

PB165224BL

Tgt Ion:244 Resp: 680  
 Ion Ratio Lower Upper  
 244 100  
 212 10.4 8.1 12.1  
 122 13.0 10.3 15.5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024  
 Supervised By :mohammad ahmed 12/03/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.067 min Scan# 2639  
 Delta R.T. -0.000 min  
 Lab File: BN035358.D  
 Acq: 27 Nov 2024 20:57

Tgt Ion:264 Resp: 8113  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 21.4 32.2  
 265 57.7 40.2 60.4

