

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122722\  
 Data File : BN023504.D  
 Acq On : 28 Dec 2022 02:07  
 Operator : CG/JU  
 Sample : PB149847BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149847BL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022  
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 04:18:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 03:57:20 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.977  | 152  | 4521     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.797 | 136  | 12814    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.623 | 164  | 7369     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.365 | 188  | 15647    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.558 | 240  | 12174    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12            | 24.002 | 264  | 9765     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.522  | 112  | 4513     | 0.451 | ng    | 0.00     |
| 5) Phenol-d6                | 7.139  | 99   | 5489     | 0.447 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.142  | 82   | 3399m    | 0.339 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.382 | 152  | 6130     | 0.328 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.123 | 330  | 850      | 0.235 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.255 | 172  | 10304    | 0.353 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.401 | 212  | 13413    | 0.351 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.000 | 244  | 13827    | 0.487 | ng    | 0.00     |

Target Compounds Qvalue

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

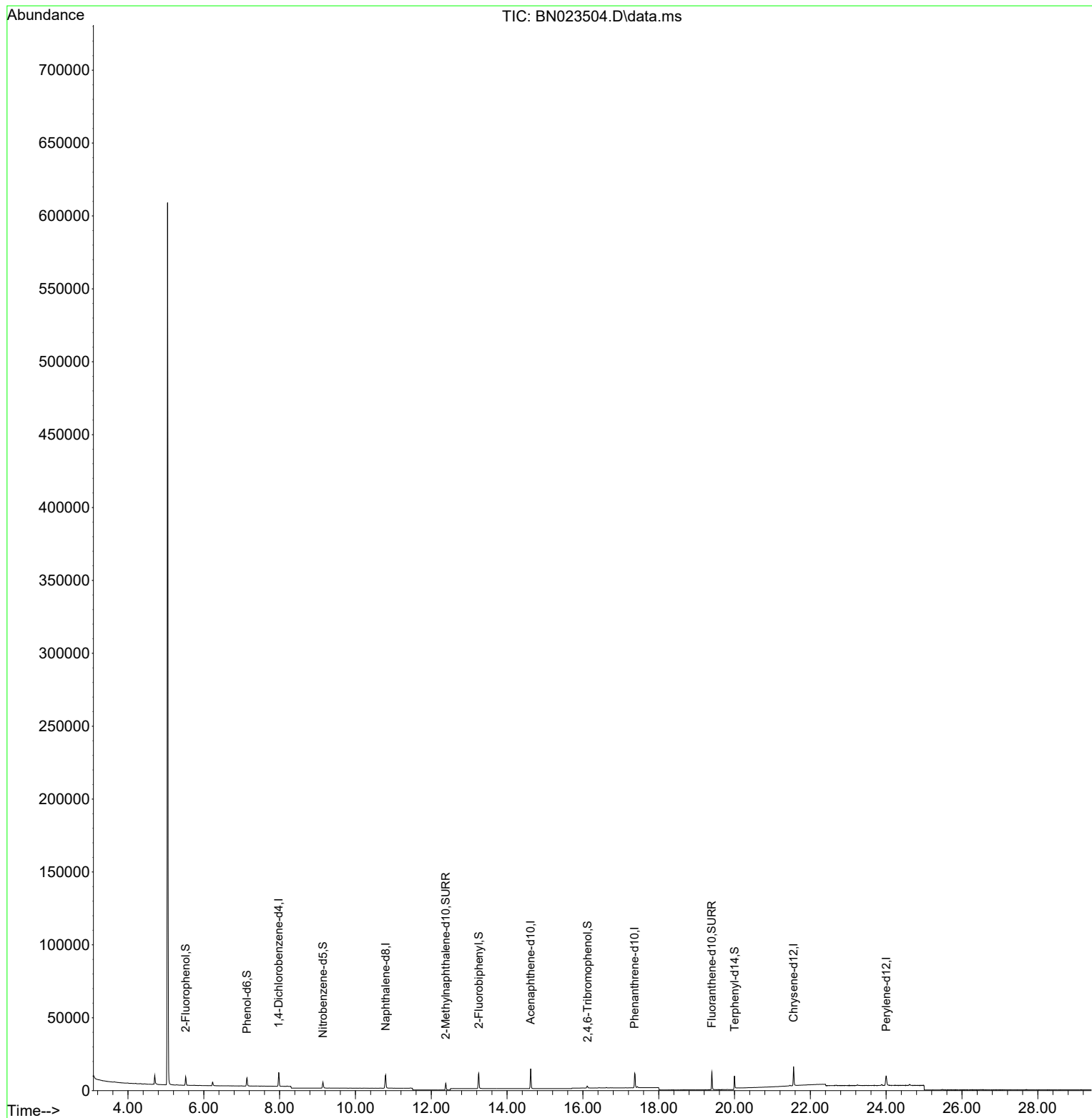
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122722\  
Data File : BN023504.D  
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Sample : PB149847BL  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

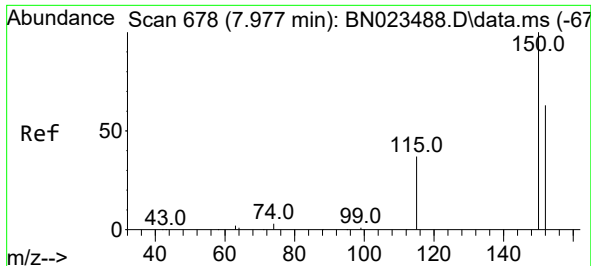
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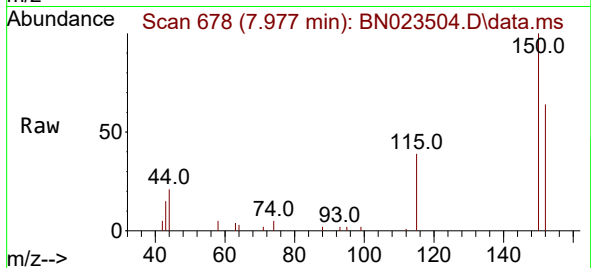
Quant Time: Dec 28 04:18:31 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 28 03:57:20 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.977 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

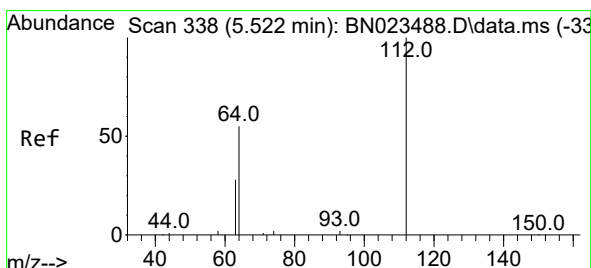
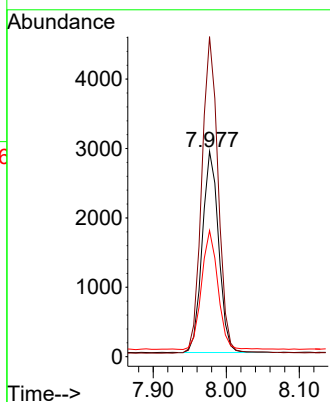
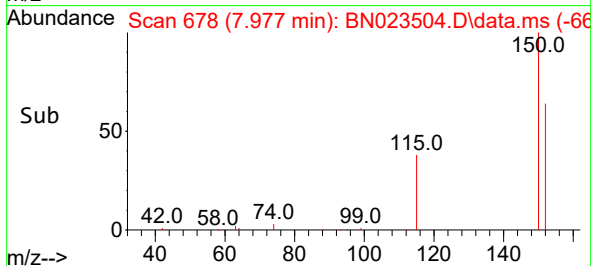
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BNA\_N  
ClientSampleId :  
PB149847BL



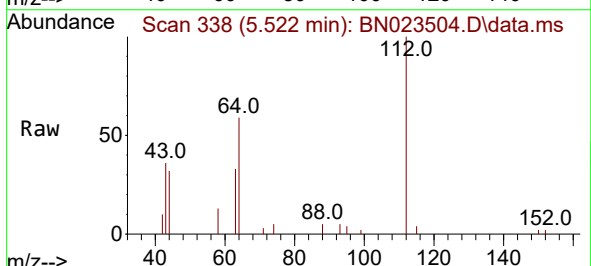
Tgt Ion:152 Resp: 452  
Ion Ratio Lower Upper  
152 100  
150 155.9 125.0 187.6  
115 61.4 48.8 73.2

Manual Integrations  
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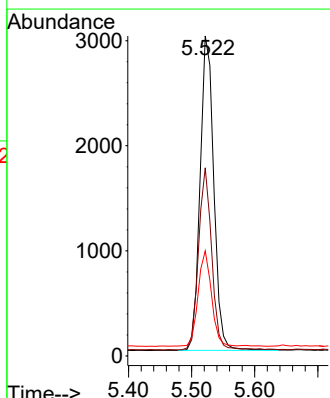
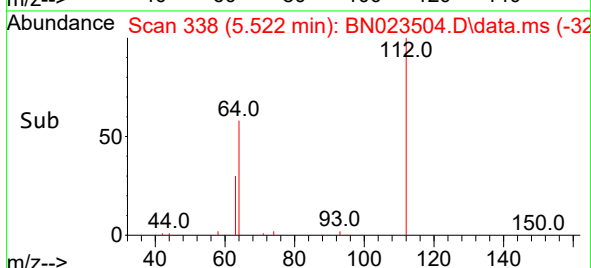
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

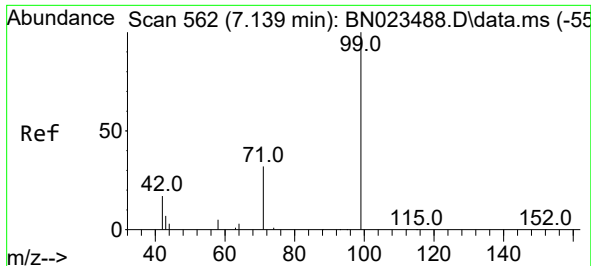


#4  
2-Fluorophenol  
Concen: 0.451 ng  
RT: 5.522 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07



Tgt Ion:112 Resp: 4513  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.3 66.5  
63 29.5 23.8 35.6





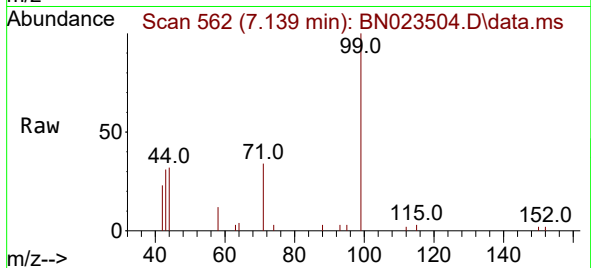
#5  
Phenol-d6  
Concen: 0.447 ng  
RT: 7.139 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

Instrument :

BNA\_N

ClientSampleId :

PB149847BL

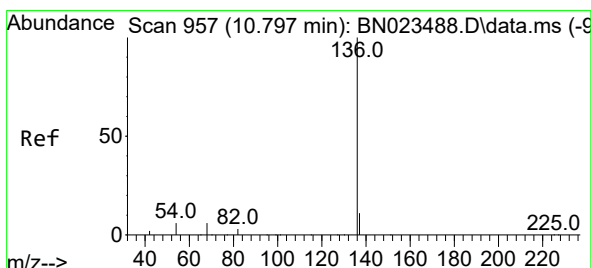
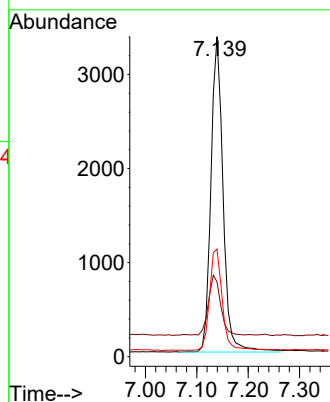
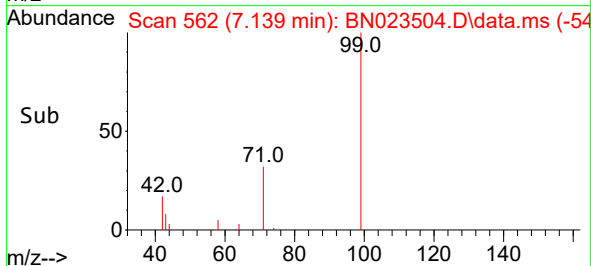


Tgt Ion: 99 Resp: 5489  
Ion Ratio Lower Upper  
99 100  
42 18.8 16.8 25.2  
71 33.7 27.0 40.4

Manual Integrations

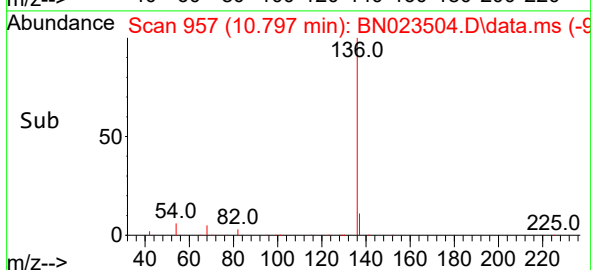
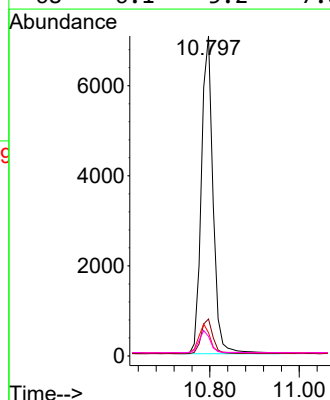
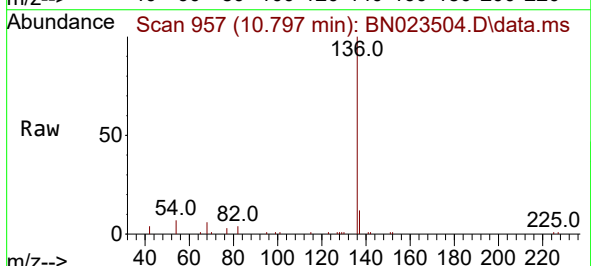
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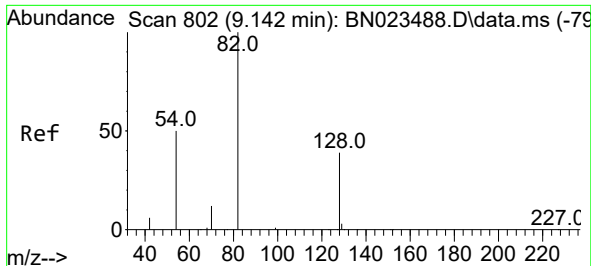
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Supervised By :Jagrut Upadhyay 12/28/2022



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.797 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

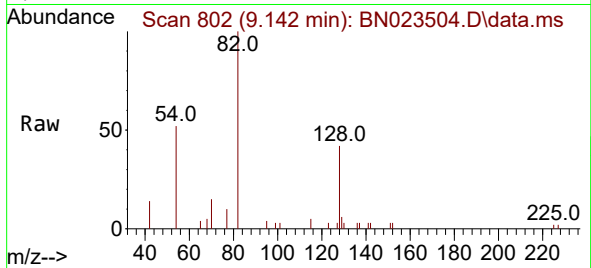
Tgt Ion:136 Resp: 12814  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.4  
54 7.2 5.8 8.8  
68 6.1 5.2 7.8





#8  
Nitrobenzene-d5  
Concen: 0.339 ng m  
RT: 9.142 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

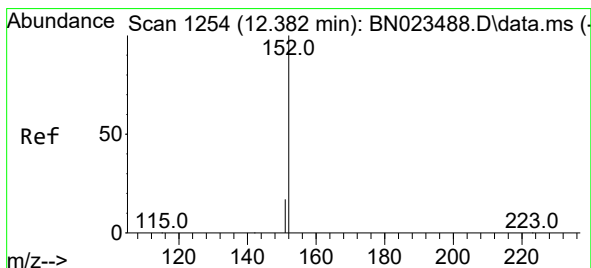
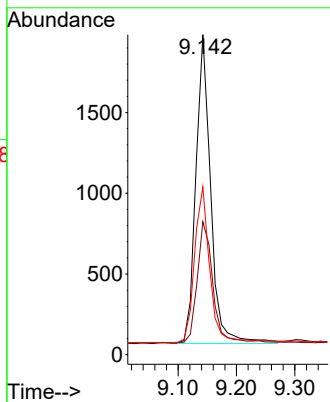
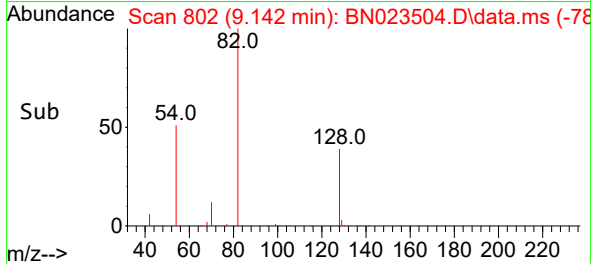
Instrument :  
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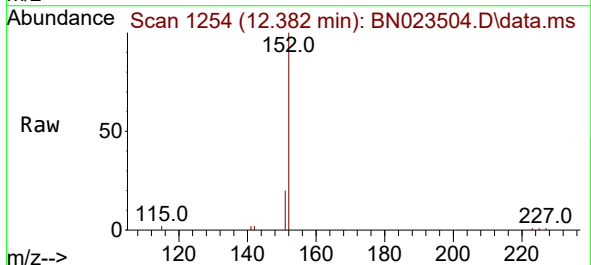
Tgt Ion: 82 Resp: 3399  
Ion Ratio Lower Upper  
82 100  
128 41.6 32.6 49.0  
54 52.5 41.4 62.0

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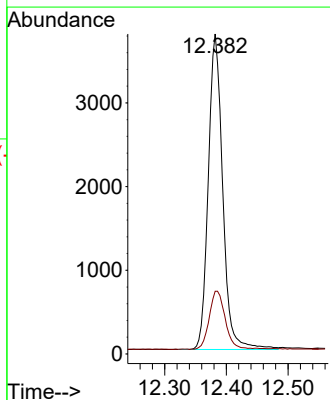
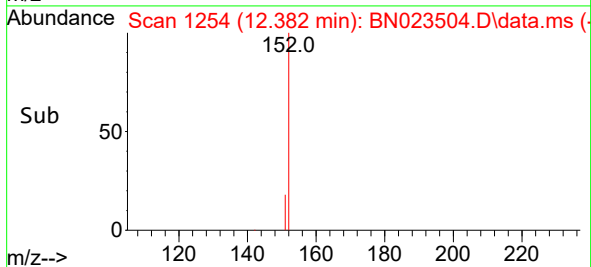
Reviewed By :Christian Giraldo 12/28/2022  
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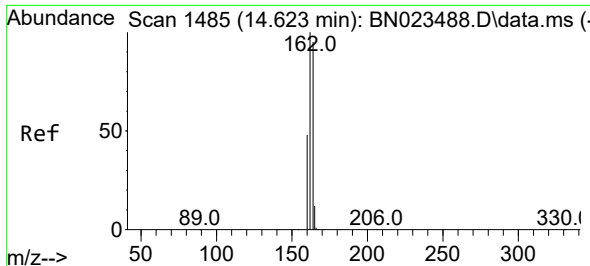


#11  
2-Methylnaphthalene-d10  
Concen: 0.328 ng  
RT: 12.382 min Scan# 1254  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07



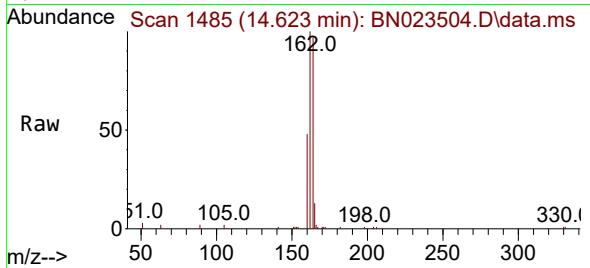
Tgt Ion:152 Resp: 6130  
Ion Ratio Lower Upper  
152 100  
151 20.6 14.8 22.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.623 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

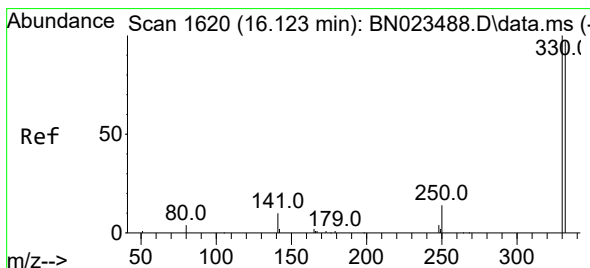
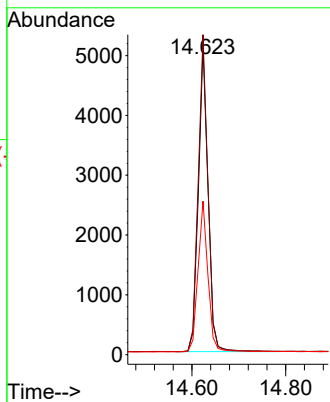
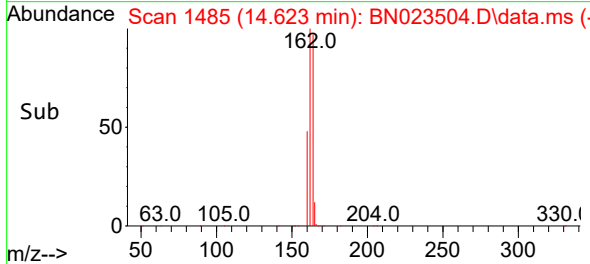
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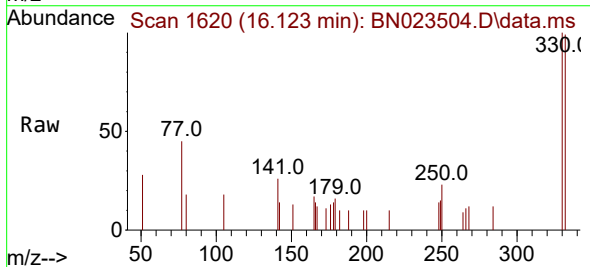
Tgt Ion:164 Resp: 7369  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.9 125.9  
160 49.6 40.9 61.3

Manual Integrations  
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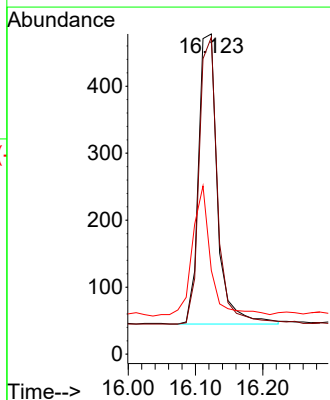
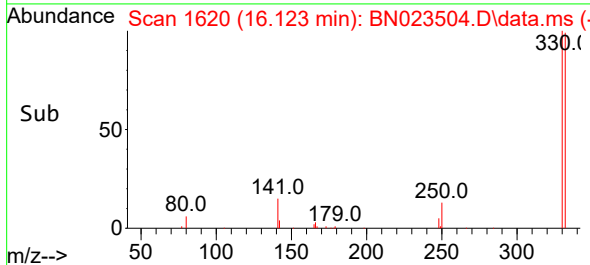
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

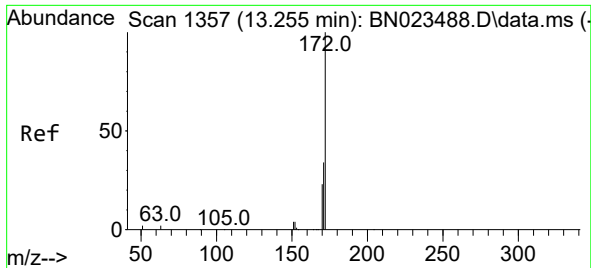


#14  
2,4,6-Tribromophenol  
Concen: 0.235 ng  
RT: 16.123 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07



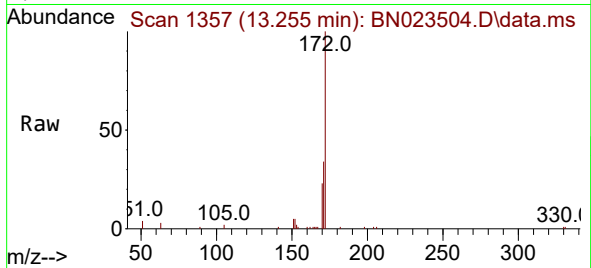
Tgt Ion:330 Resp: 850  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.7 115.1  
141 41.2 29.8 44.6





#15  
2-Fluorobiphenyl  
Concen: 0.353 ng  
RT: 13.255 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

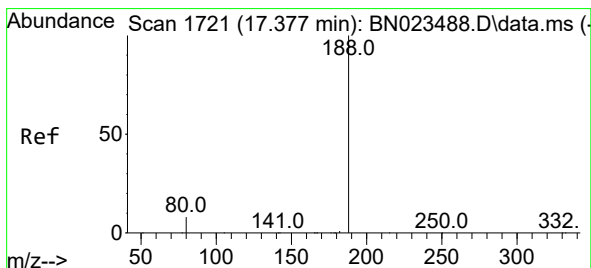
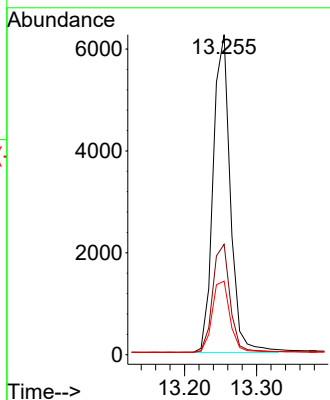
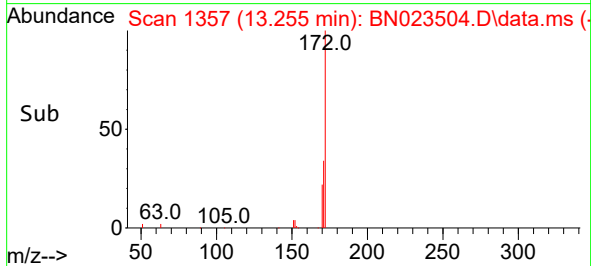
Instrument :  
BNA\_N  
ClientSampleId :  
PB149847BL



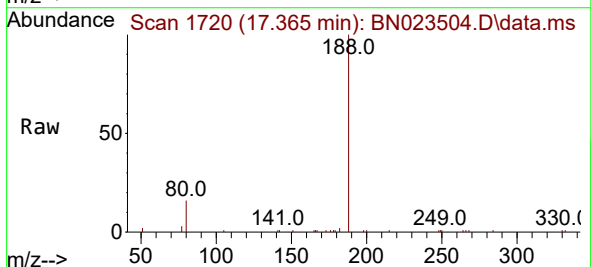
Tgt Ion:172 Resp: 10304  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.6 41.4  
170 23.0 18.7 28.1

Manual Integrations  
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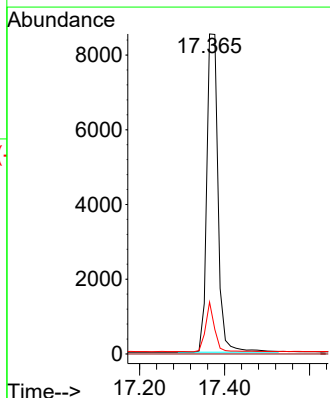
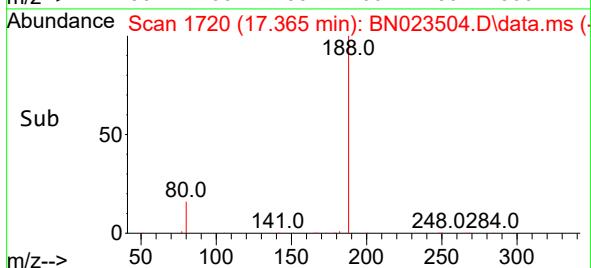
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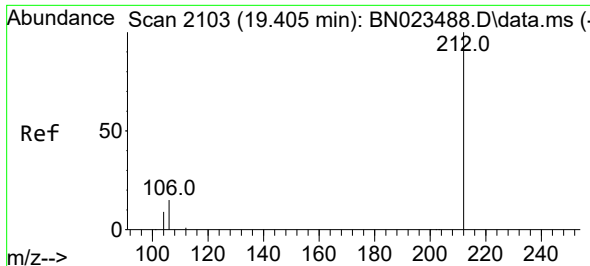


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.365 min Scan# 1720  
Delta R.T. -0.012 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07



Tgt Ion:188 Resp: 15647  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.2 6.7 10.1





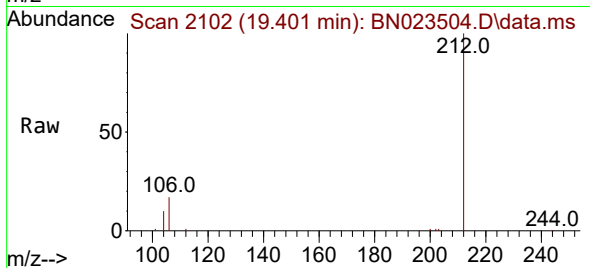
#27  
Fluoranthene-d10  
Concen: 0.351 ng  
RT: 19.401 min Scan# 2102  
Delta R.T. -0.004 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

Instrument :

BNA\_N

ClientSampleId :

PB149847BL

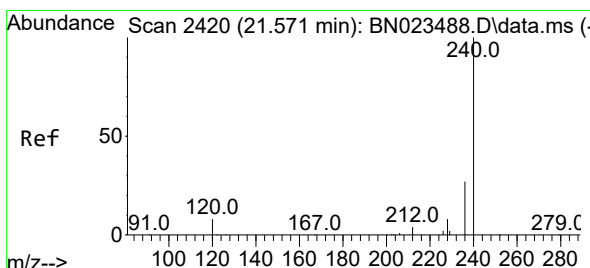
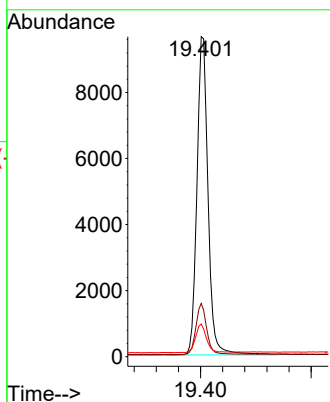
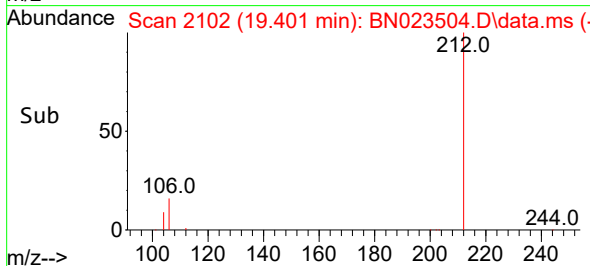


Tgt Ion:212 Resp: 1341  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.3 18.5  
104 8.9 6.8 10.2

Manual Integrations

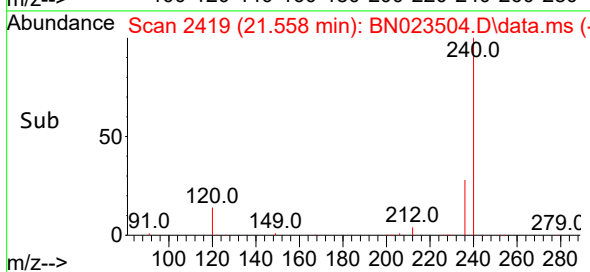
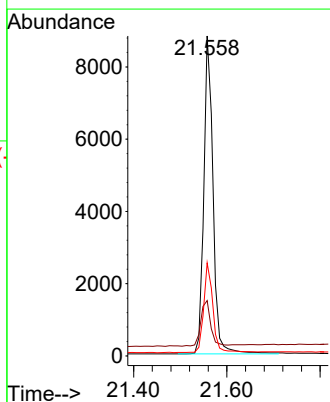
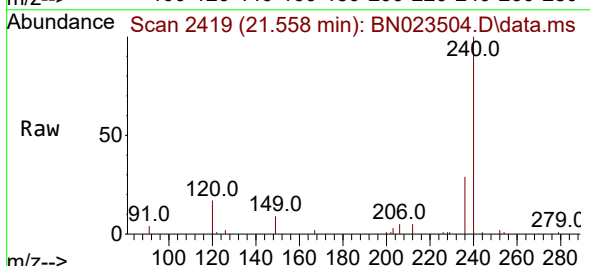
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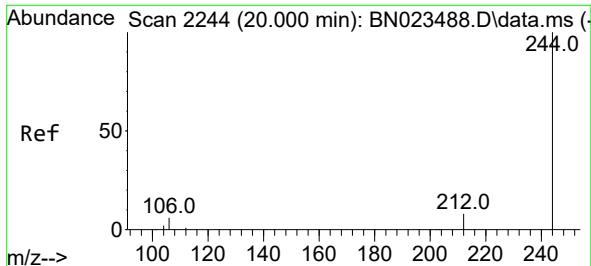


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.558 min Scan# 2419  
Delta R.T. -0.014 min  
Lab File: BN023504.D  
Acq: 28 Dec 2022 02:07

Tgt Ion:240 Resp: 12174  
Ion Ratio Lower Upper  
240 100  
120 17.3 8.9 13.3#  
236 29.1 22.5 33.7







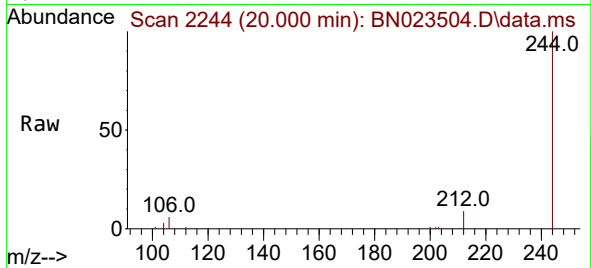
#31  
 Terphenyl-d14  
 Concen: 0.487 ng  
 RT: 20.000 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN023504.D  
 Acq: 28 Dec 2022 02:07

Instrument :

BNA\_N

ClientSampleId :

PB149847BL

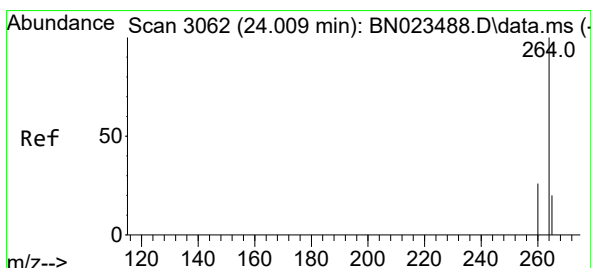
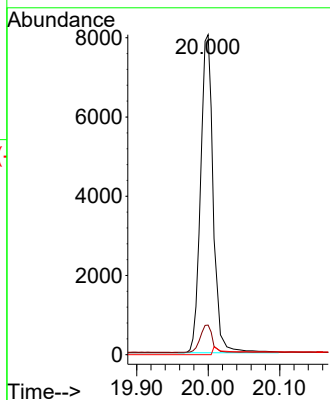
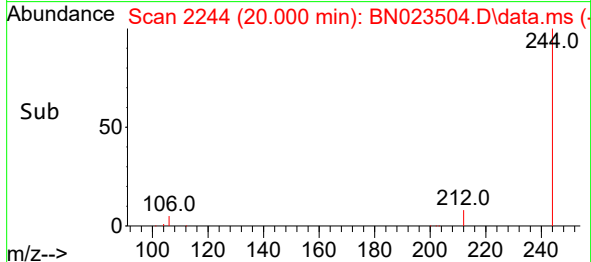


Tgt Ion:244 Resp: 1382  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.4 11.0  
 122 0.0 0.0 0.0

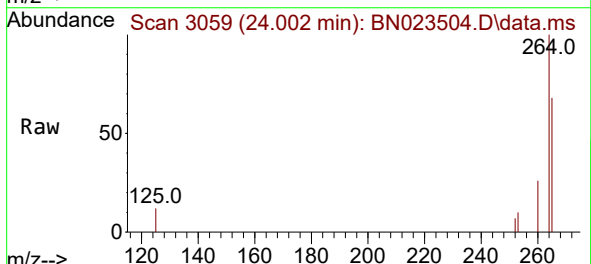
Manual Integrations

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#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.002 min Scan# 3059  
 Delta R.T. -0.007 min  
 Lab File: BN023504.D  
 Acq: 28 Dec 2022 02:07



Tgt Ion:264 Resp: 9765  
 Ion Ratio Lower Upper  
 264 100  
 260 26.0 21.1 31.7  
 265 68.1 48.9 73.3

