

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080324\  
 Data File : BN033237.D  
 Acq On : 03 Aug 2024 14:00  
 Operator : MA/JU  
 Sample : P3426-02RE  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 927-K1-WS-073124-FDRE

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024  
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:27:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 02 22:49:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.517  | 152  | 4565     | 0.400 | ng    | 0.01     |
| 7) Naphthalene-d8             | 10.265 | 136  | 16642    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.137 | 164  | 9402     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.908 | 188  | 19875    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.134 | 240  | 14622    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.306 | 264  | 14874    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.228  | 112  | 1472m    | 0.127 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.874  | 99   | 2139m    | 0.149 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.803  | 82   | 2074m    | 0.166 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.871 | 152  | 3396     | 0.133 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.679 | 330  | 615      | 0.153 | ng    | -0.04    |
| 15) 2-Fluorobiphenyl          | 12.758 | 172  | 5686     | 0.162 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 18.950 | 212  | 9116     | 0.177 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.540 | 244  | 19950    | 0.666 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.083  | 88   | 642      | 0.114 | ng    | # 54     |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 3357     | 0.131 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

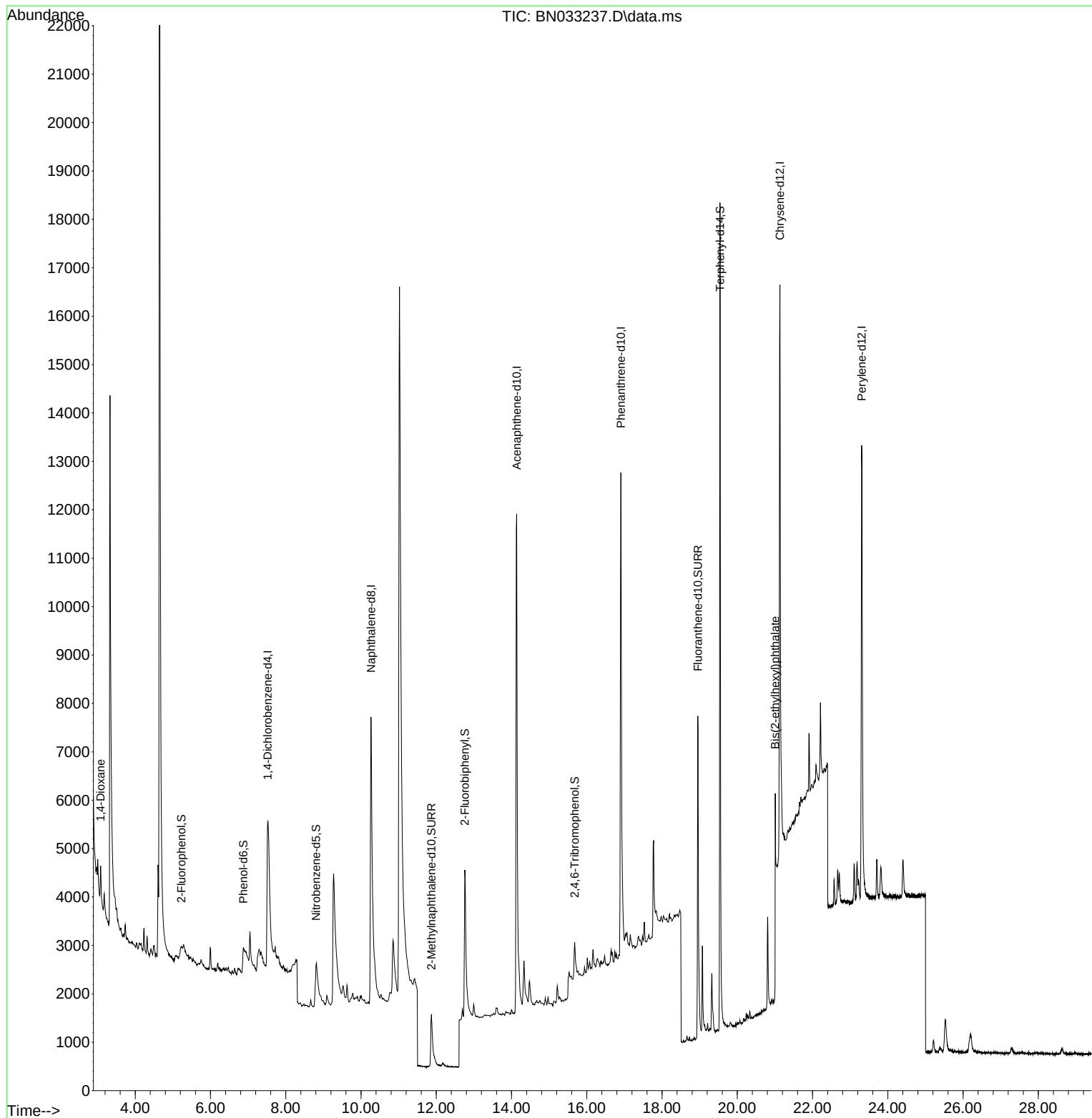
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080324\  
Data File : BN033237.D  
Acq On : 03 Aug 2024 14:00  
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ALS Vial : 42 Sample Multiplier: 1

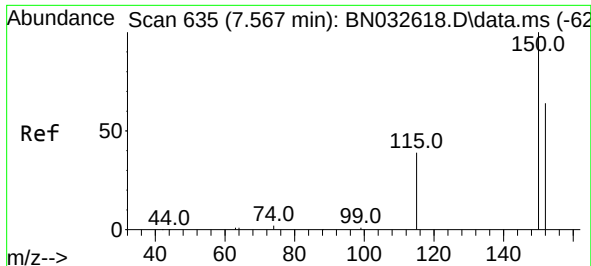
Instrument :  
BNA\_N  
ClientSampleId :  
927-K1-WS-073124-FDRE

Quant Time: Aug 05 03:27:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 02 22:49:47 2024  
Response via : Initial Calibration

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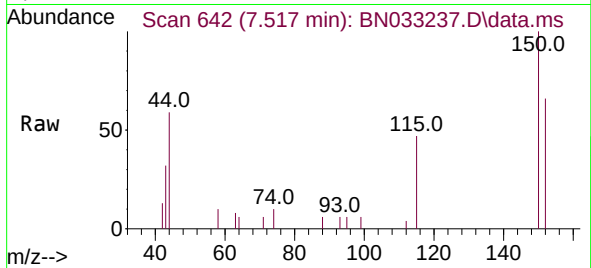
Reviewed By :Jagrut Upadhyay 08/05/2024  
Supervised By :mohammad ahmed 08/07/2024





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.517 min Scan# 64  
 Delta R.T. 0.014 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

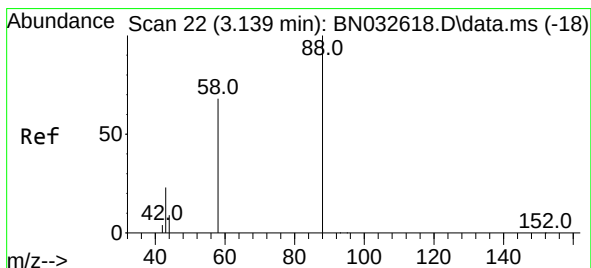
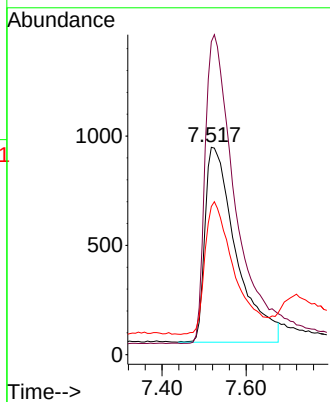
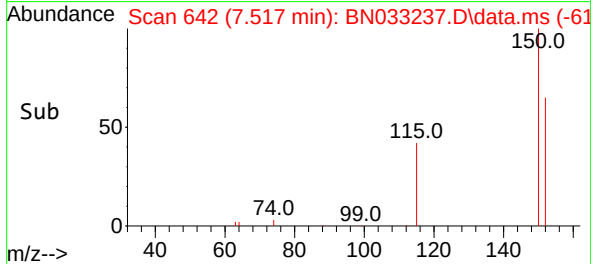
Instrument :  
 BNA\_N  
 ClientSampleId :  
 927-K1-WS-073124-FDRE



Tgt Ion:152 Resp: 456  
 Ion Ratio Lower Upper  
 152 100  
 150 150.9 123.8 185.6  
 115 71.4 52.8 79.2

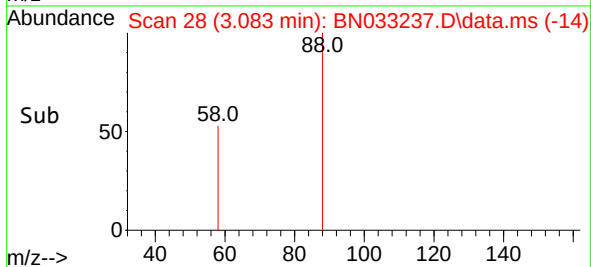
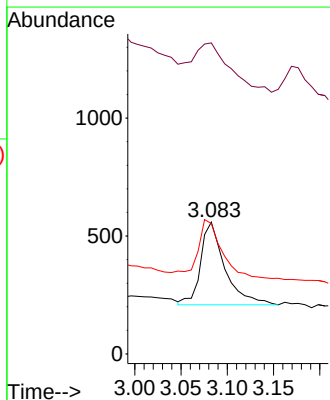
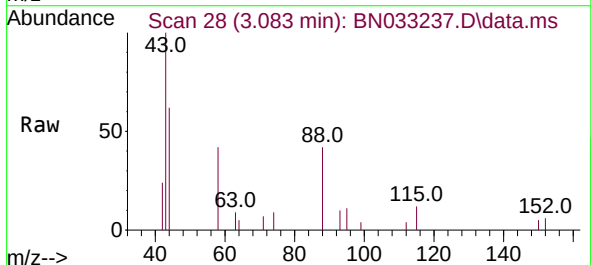
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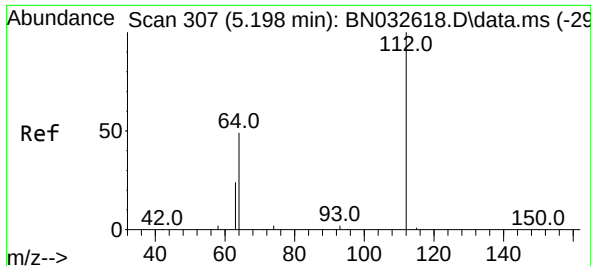
Reviewed By :Jagrut Upadhyay 08/05/2024  
 Supervised By :mohammad ahmed 08/07/2024



#2  
 1,4-Dioxane  
 Concen: 0.114 ng  
 RT: 3.083 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

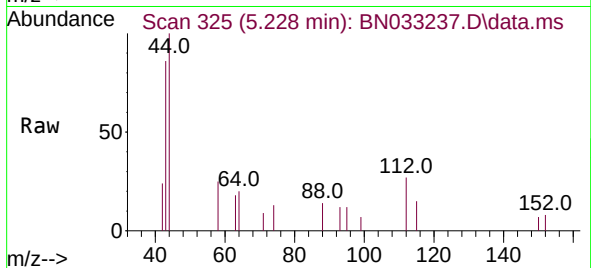
Tgt Ion: 88 Resp: 642  
 Ion Ratio Lower Upper  
 88 100  
 43 87.1 18.4 27.6#  
 58 72.0 49.2 73.8





#4  
2-Fluorophenol  
Concen: 0.127 ng m  
RT: 5.228 min Scan# 31  
Delta R.T. -0.014 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

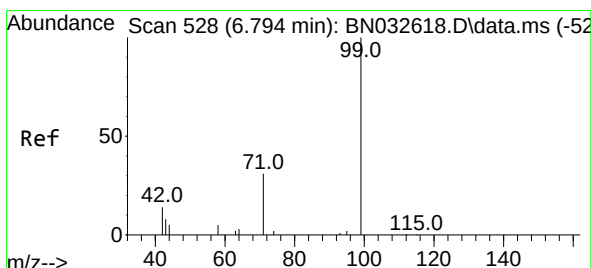
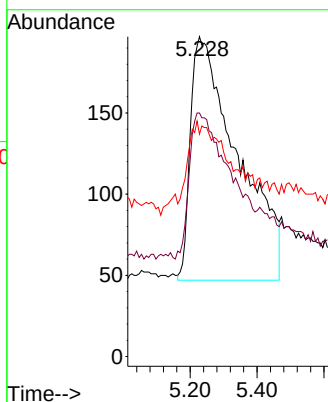
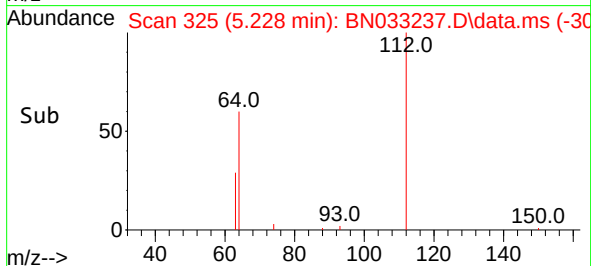
Instrument :  
BNA\_N  
ClientSampleId :  
927-K1-WS-073124-FDRE



Tgt Ion:112 Resp: 147  
Ion Ratio Lower Upper  
112 100  
64 52.9 40.2 60.4  
63 8.2 22.2 33.4

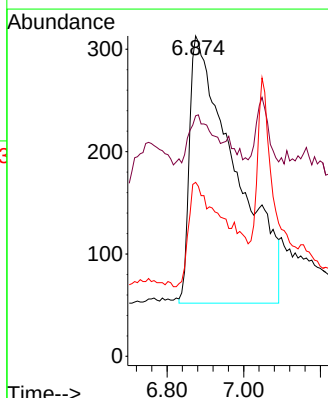
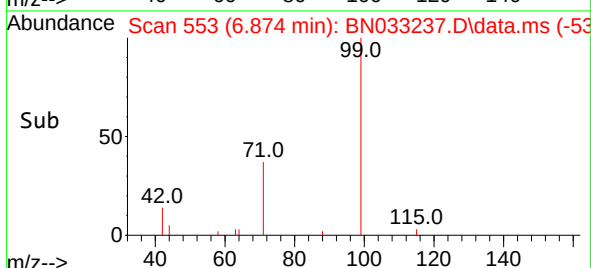
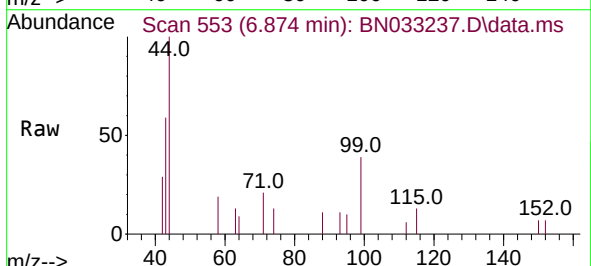
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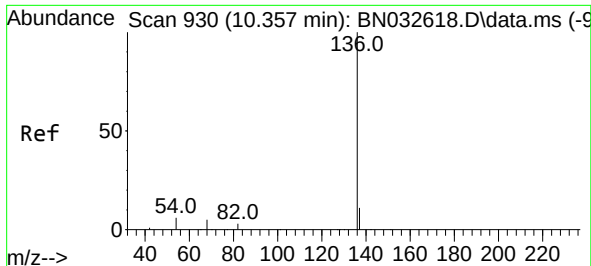
Reviewed By :Jagrut Upadhyay 08/05/2024  
Supervised By :mohammad ahmed 08/07/2024



#5  
Phenol-d6  
Concen: 0.149 ng m  
RT: 6.874 min Scan# 553  
Delta R.T. -0.007 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

Tgt Ion: 99 Resp: 2139  
Ion Ratio Lower Upper  
99 100  
42 9.6 10.5 15.7#  
71 33.0 22.3 33.5





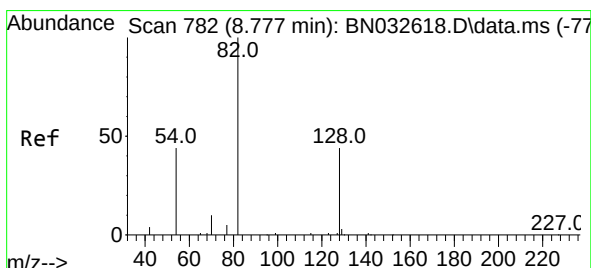
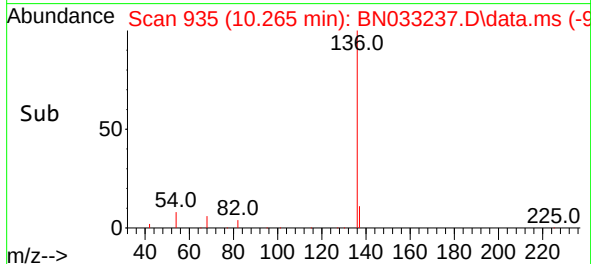
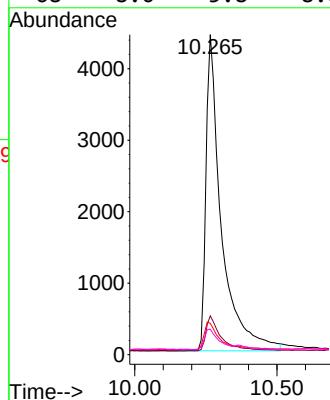
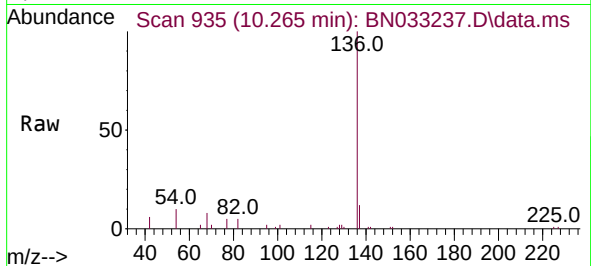
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.265 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

Instrument :  
BNA\_N  
ClientSampleId :  
927-K1-WS-073124-FDRE

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1664 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.2  | 9.9   | 14.9 |
| 54        | 9.8   | 6.5   | 9.7  |
| 68        | 8.0   | 5.8   | 8.8  |

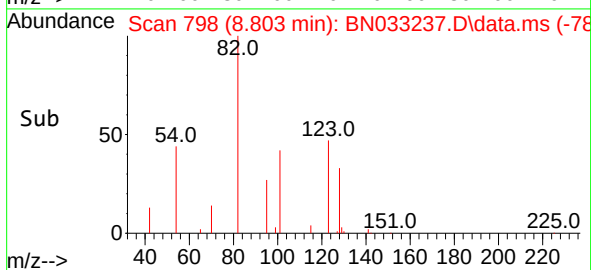
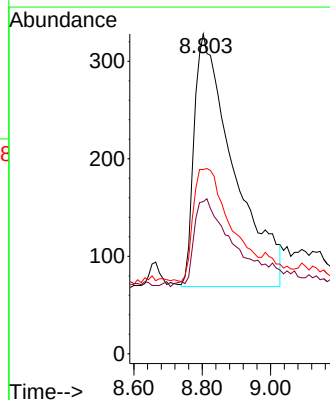
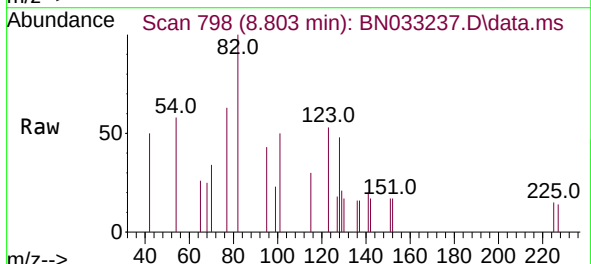
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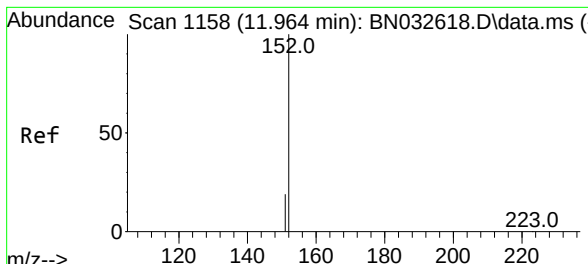
Reviewed By :Jagrut Upadhyay 08/05/2024  
Supervised By :mohammad ahmed 08/07/2024



#8  
Nitrobenzene-d5  
Concen: 0.166 ng m  
RT: 8.803 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2074 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.6  | 41.7  | 62.5 |
| 54        | 57.6  | 39.5  | 59.3 |





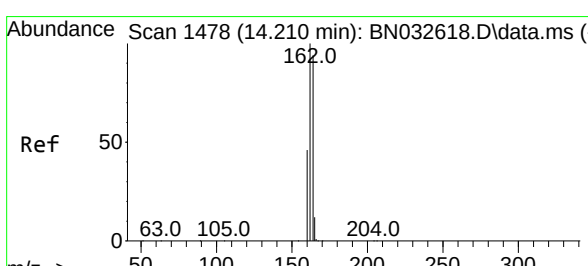
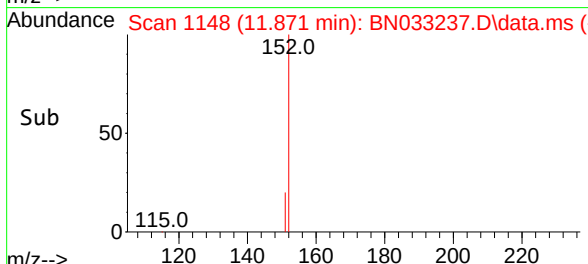
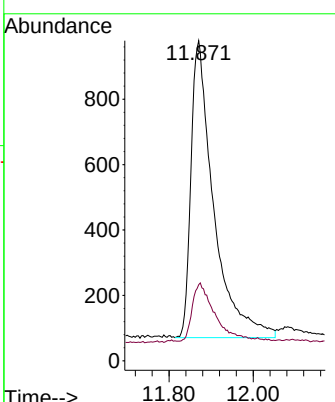
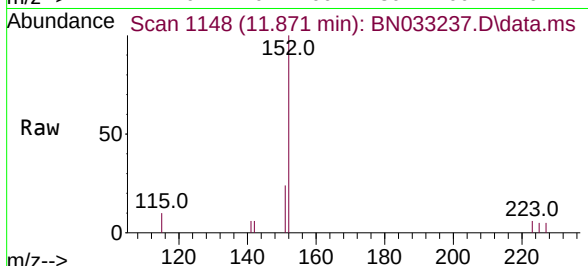
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.133 ng  
 RT: 11.871 min Scan# 1158  
 Delta R.T. -0.030 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

Instrument : BNA\_N  
 ClientSampleId : 927-K1-WS-073124-FDRE

Tgt Ion:152 Resp: 3390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 16.2  | 24.2  |

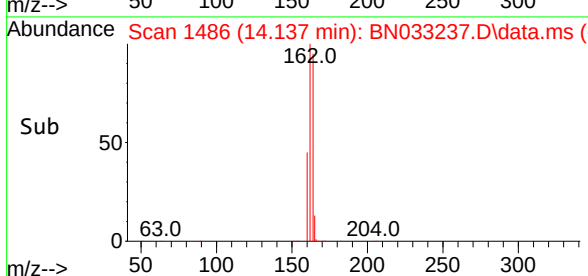
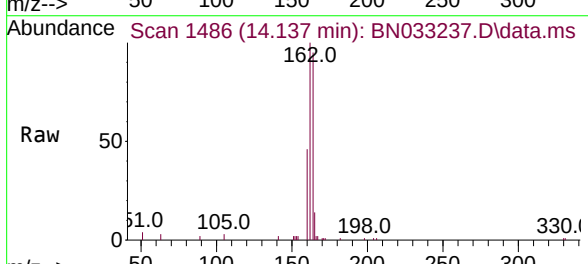
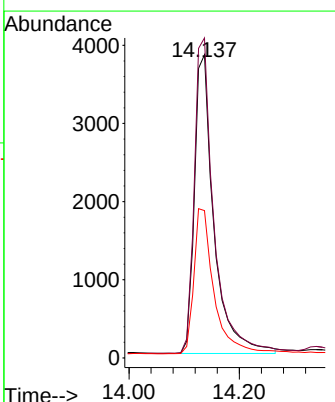
Manual Integrations  
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 Reviewed By :Jagrut Upadhyay 08/05/2024  
 Supervised By :mohammad ahmed 08/07/2024

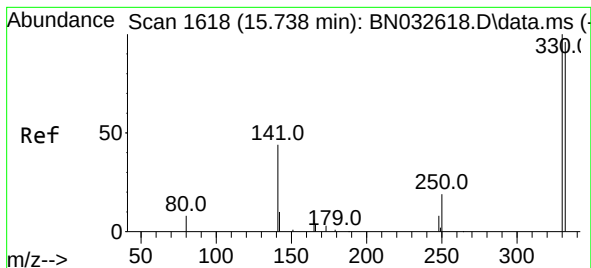


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.137 min Scan# 1486  
 Delta R.T. 0.000 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

Tgt Ion:164 Resp: 9402

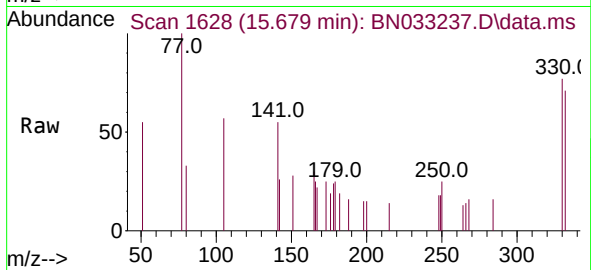
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.5 | 85.0  | 127.4 |
| 160 | 48.6  | 39.4  | 59.2  |





#14  
2,4,6-Tribromophenol  
Concen: 0.153 ng  
RT: 15.679 min Scan# 1618  
Delta R.T. -0.037 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

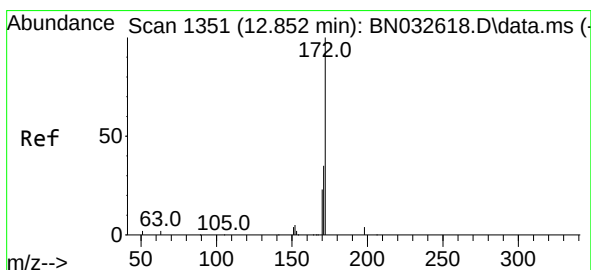
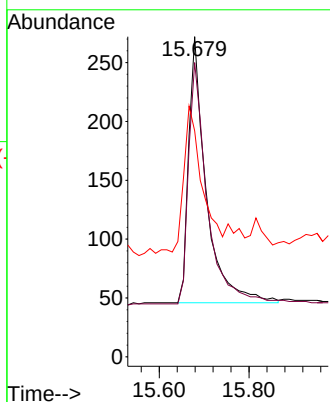
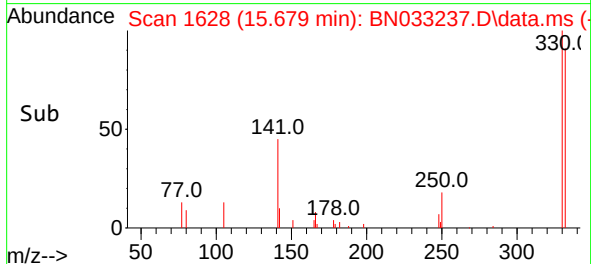
Instrument :  
BNA\_N  
ClientSampleId :  
927-K1-WS-073124-FDRE



Tgt Ion:330 Resp: 618  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 47.6 34.2 51.2

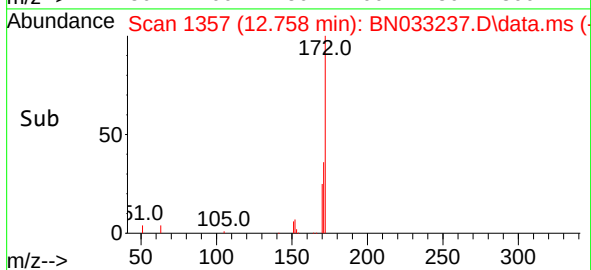
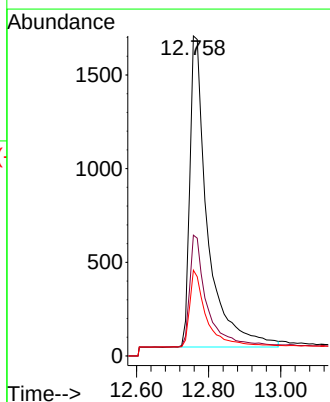
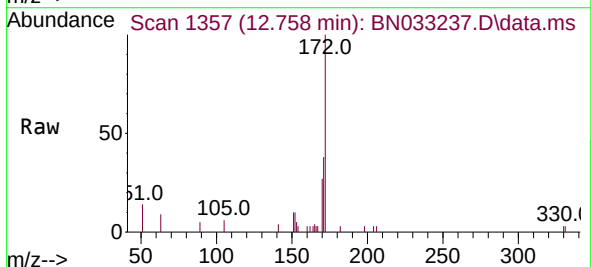
Manual Integrations  
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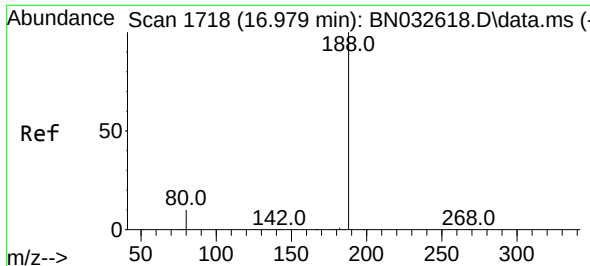
Reviewed By :Jagrut Upadhyay 08/05/2024  
Supervised By :mohammad ahmed 08/07/2024



#15  
2-Fluorobiphenyl  
Concen: 0.162 ng  
RT: 12.758 min Scan# 1357  
Delta R.T. -0.032 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

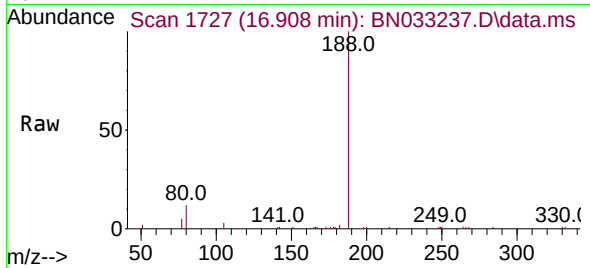
Tgt Ion:172 Resp: 5686  
Ion Ratio Lower Upper  
172 100  
171 37.8 28.6 43.0  
170 26.8 19.0 28.6





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.908 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

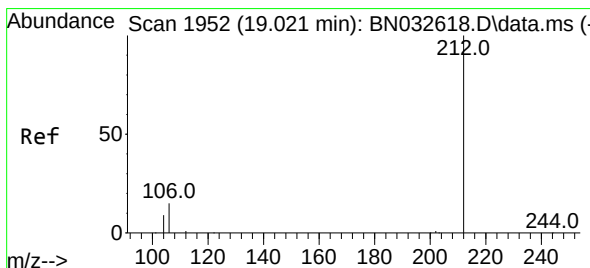
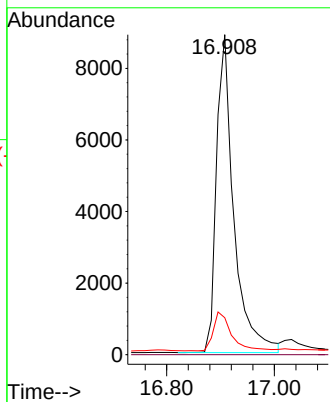
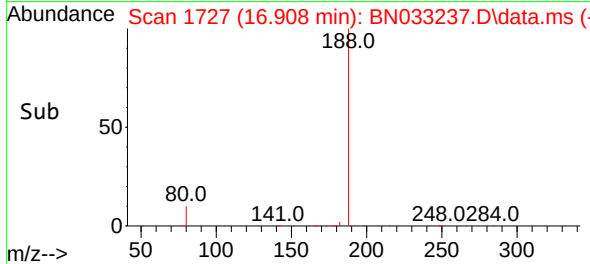
Instrument :  
BNA\_N  
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927-K1-WS-073124-FDRE



Tgt Ion:188 Resp: 1987  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 8.8 13.2

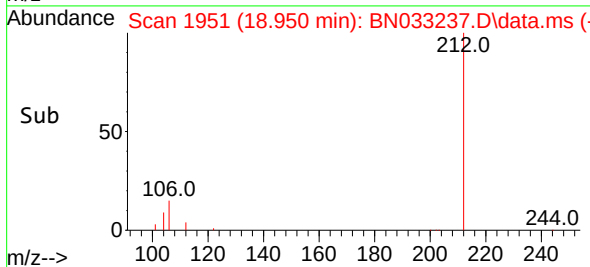
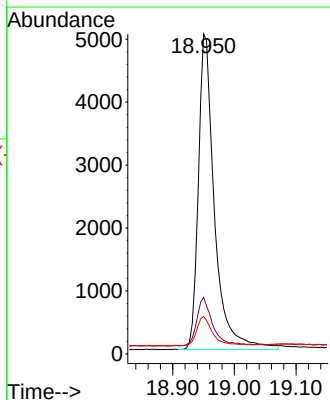
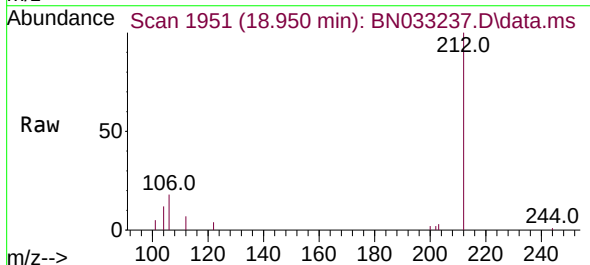
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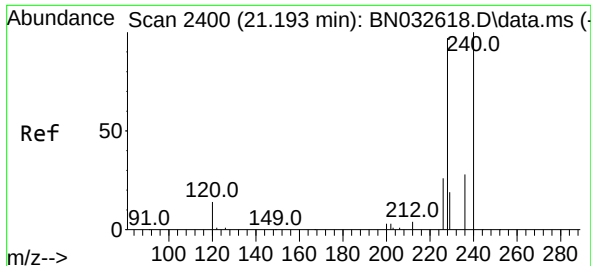


#27  
Fluoranthene-d10  
Concen: 0.177 ng  
RT: 18.950 min Scan# 1951  
Delta R.T. -0.009 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

Tgt Ion:212 Resp: 9116  
Ion Ratio Lower Upper  
212 100  
106 15.2 11.9 17.9  
104 9.2 6.9 10.3

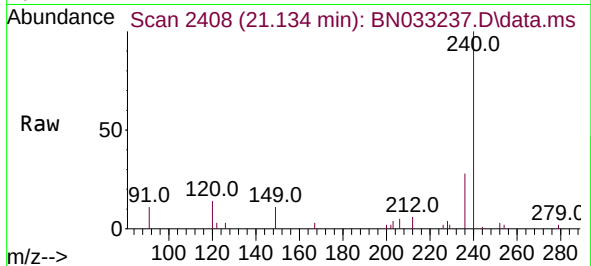






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.134 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

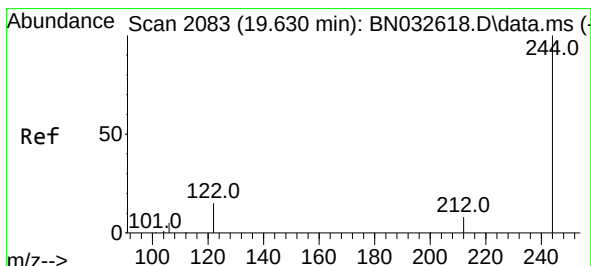
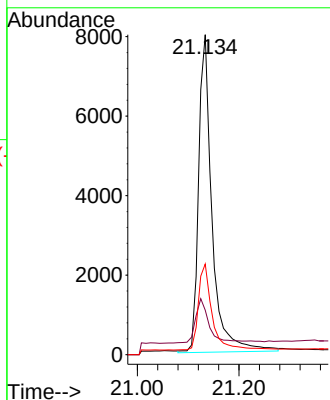
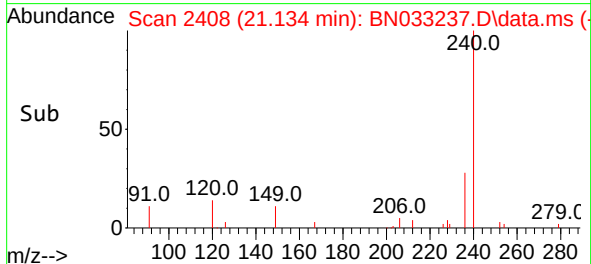
Instrument :  
BNA\_N  
ClientSampleId :  
927-K1-WS-073124-FDRE



Tgt Ion:240 Resp: 1462  
Ion Ratio Lower Upper  
240 100  
120 13.9 14.8 22.2  
236 28.4 23.3 34.9

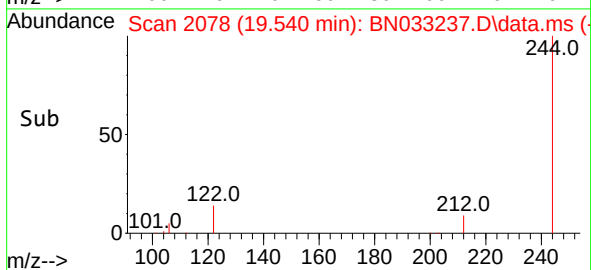
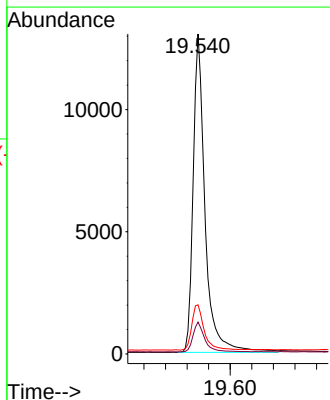
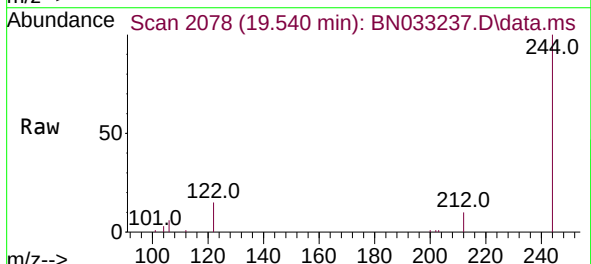
Manual Integrations  
APPROVED

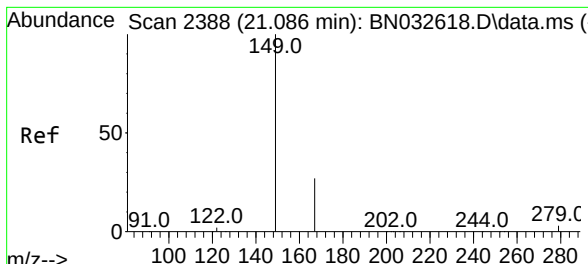
Reviewed By :Jagrut Upadhyay 08/05/2024  
Supervised By :mohammad ahmed 08/07/2024



#31  
Terphenyl-d14  
Concen: 0.666 ng  
RT: 19.540 min Scan# 2078  
Delta R.T. -0.023 min  
Lab File: BN033237.D  
Acq: 03 Aug 2024 14:00

Tgt Ion:244 Resp: 19950  
Ion Ratio Lower Upper  
244 100  
212 9.9 7.5 11.3  
122 15.4 12.6 19.0





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.131 ng  
 RT: 21.008 min Scan# 2108  
 Delta R.T. 0.000 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

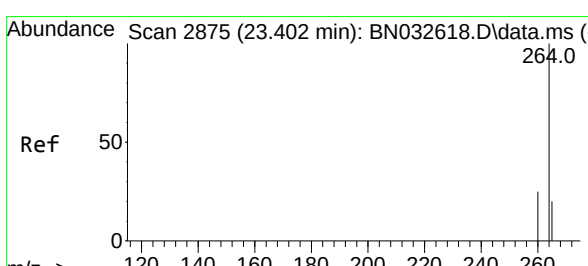
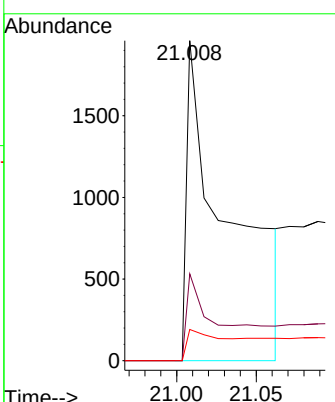
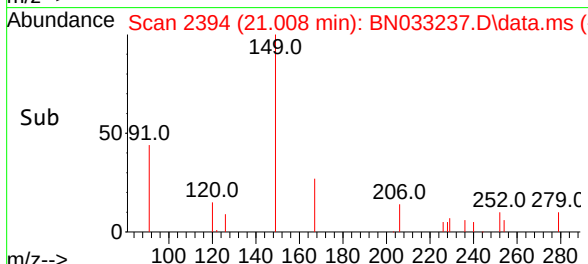
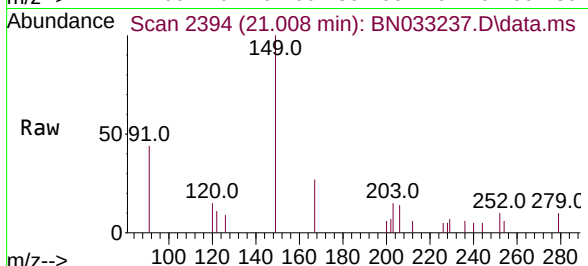
Instrument : BNA\_N  
 ClientSampleId : 927-K1-WS-073124-FDRE

Tgt Ion: 149 Resp: 335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 21.4  | 32.2  |
| 279 | 8.0   | 2.8   | 4.2   |

Manual Integrations  
 APPROVED

Reviewed By : Jagrut Upadhyay 08/05/2024  
 Supervised By : mohammad ahmed 08/07/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.306 min Scan# 2858  
 Delta R.T. -0.009 min  
 Lab File: BN033237.D  
 Acq: 03 Aug 2024 14:00

Tgt Ion: 264 Resp: 14874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.5  | 20.9  | 31.3  |
| 265 | 54.2  | 85.4  | 128.2 |

