

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082624\  
 Data File : BN033628.D  
 Acq On : 26 Aug 2024 18:44  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 00:49:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.538  | 152  | 7281     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.304 | 136  | 20123    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.178 | 164  | 10353    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.929 | 188  | 21426    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.139 | 240  | 18899    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.300 | 264  | 19323    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.176  | 112  | 7302     | 0.316 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.729  | 99   | 9119     | 0.331 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.670  | 82   | 6329     | 0.379 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.896 | 152  | 10416    | 0.362 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.676 | 330  | 1935     | 0.348 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.788 | 172  | 15014    | 0.355 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.966 | 212  | 20464    | 0.397 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.584 | 244  | 13467    | 0.314 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.176  | 88   | 2878     | 0.344 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.472  | 42   | 3381     | 0.347 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 6.974  | 93   | 7705     | 0.395 | ng    | 100      |
| 9) Naphthalene                | 10.346 | 128  | 20012    | 0.372 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.645 | 225  | 4063     | 0.379 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.971 | 142  | 12700    | 0.373 | ng    | 99       |
| 16) Acenaphthylene            | 13.889 | 152  | 16747    | 0.369 | ng    | 100      |
| 17) Acenaphthene              | 14.242 | 154  | 11303    | 0.354 | ng    | 98       |
| 18) Fluorene                  | 15.226 | 166  | 14492    | 0.360 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.311 | 198  | 1029     | 0.308 | ng    | 86       |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248  | 4637     | 0.356 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.234 | 284  | 5236     | 0.364 | ng    | 98       |
| 23) Atrazine                  | 16.408 | 200  | 3849     | 0.371 | ng    | 100      |
| 24) Pentachlorophenol         | 16.582 | 266  | 2350     | 0.377 | ng    | 98       |
| 25) Phenanthrene              | 16.967 | 178  | 22192    | 0.372 | ng    | 100      |
| 26) Anthracene                | 17.054 | 178  | 20168    | 0.382 | ng    | 99       |
| 28) Fluoranthene              | 18.998 | 202  | 26557    | 0.403 | ng    | 100      |
| 30) Pyrene                    | 19.361 | 202  | 27687    | 0.328 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.121 | 228  | 26126    | 0.382 | ng    | 99       |
| 33) Chrysene                  | 21.175 | 228  | 25272    | 0.372 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149  | 19014m   | 0.440 | ng    |          |
| 36) Indeno(1,2,3-cd)pyrene    | 25.452 | 276  | 25788    | 0.321 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.657 | 252  | 26030    | 0.361 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.701 | 252  | 25908    | 0.365 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.206 | 252  | 22204    | 0.372 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.466 | 278  | 20759    | 0.324 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.101 | 276  | 21403    | 0.312 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

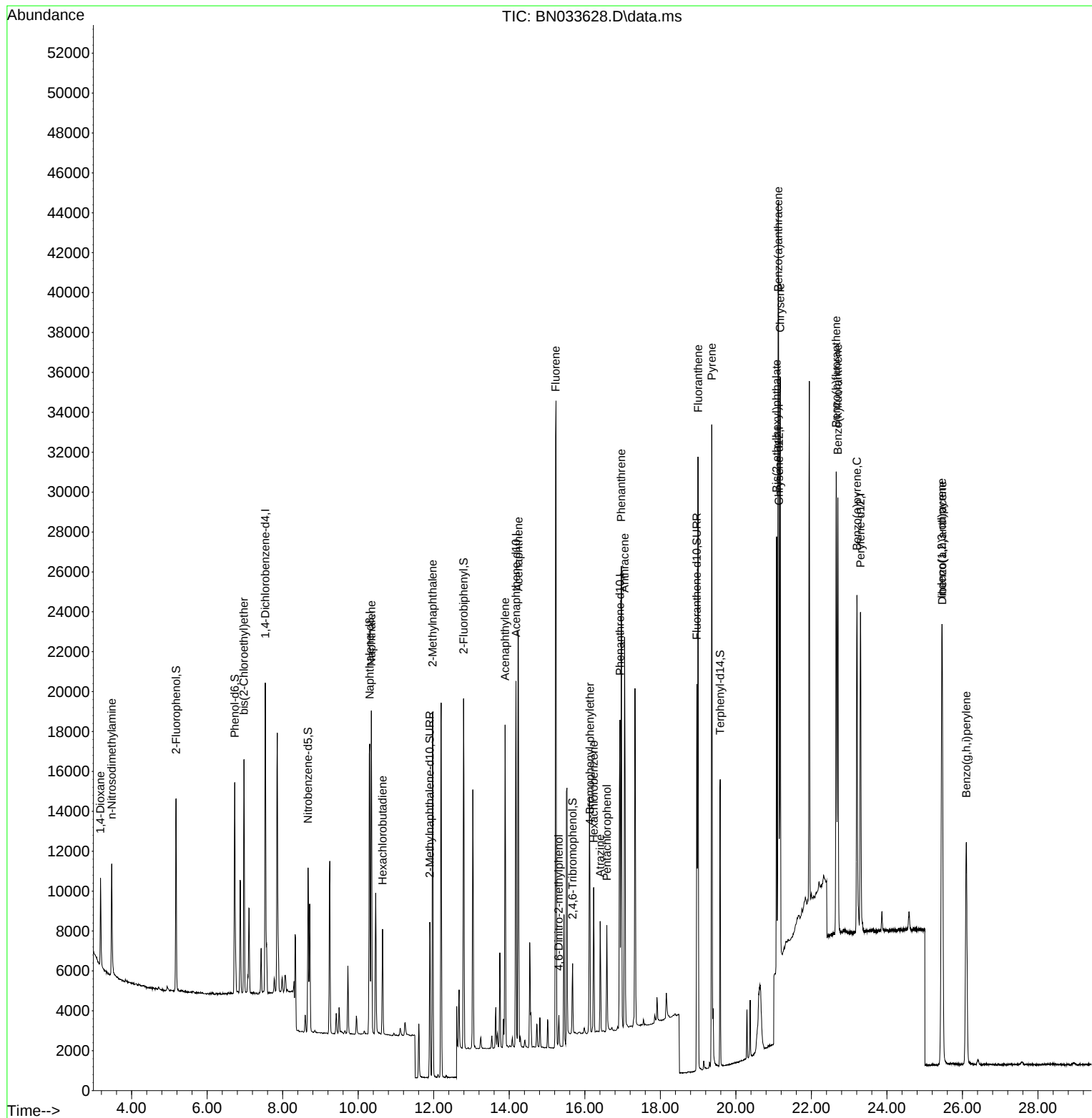
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082624\  
Data File : BN033628.D  
Acq On : 26 Aug 2024 18:44  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

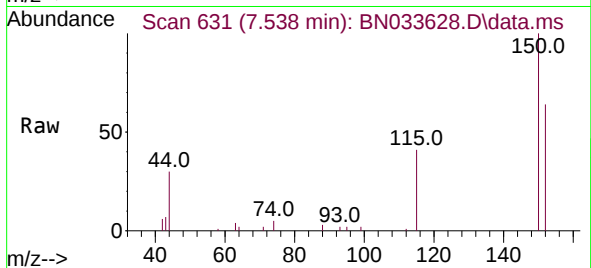
Quant Time: Aug 27 00:49:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 23 00:22:18 2024  
Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.538 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN033628.D  
 Acq: 26 Aug 2024 18:44

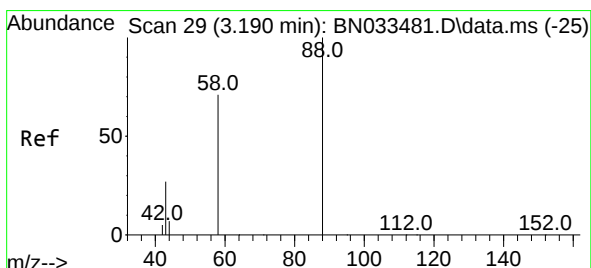
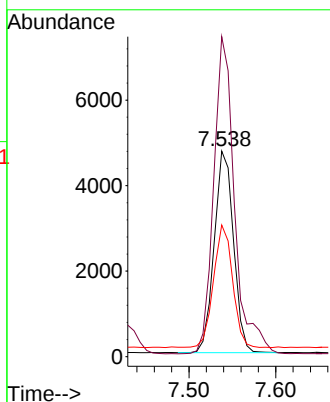
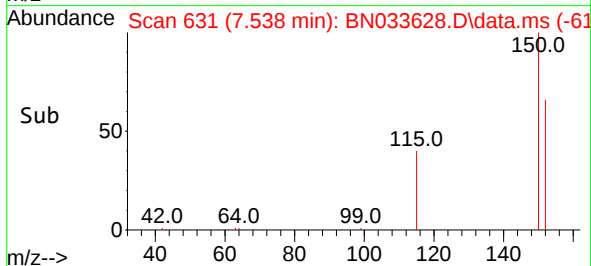
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 728  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 122.2 183.2  
 115 64.0 47.2 70.8

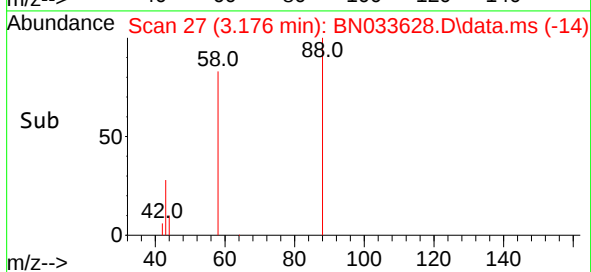
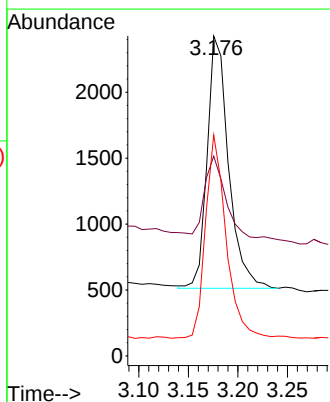
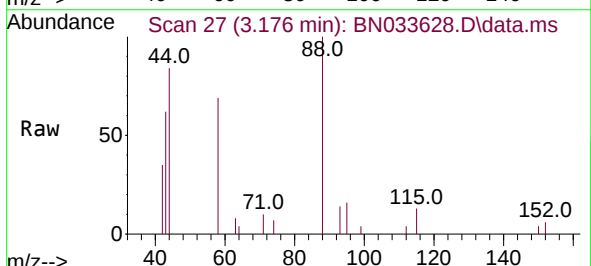
Manual Integrations  
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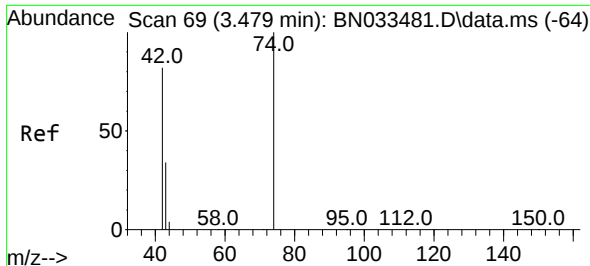
Reviewed By :Jagrut Upadhyay 08/27/2024  
 Supervised By :mohammad ahmed 08/28/2024



#2  
 1,4-Dioxane  
 Concen: 0.344 ng  
 RT: 3.176 min Scan# 27  
 Delta R.T. -0.007 min  
 Lab File: BN033628.D  
 Acq: 26 Aug 2024 18:44

Tgt Ion: 88 Resp: 2878  
 Ion Ratio Lower Upper  
 88 100  
 43 34.2 25.0 37.4  
 58 77.7 62.5 93.7





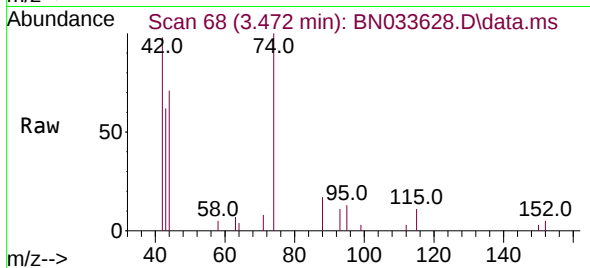
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n-Nitrosodimethylamine  
Concen: 0.347 ng  
RT: 3.472 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

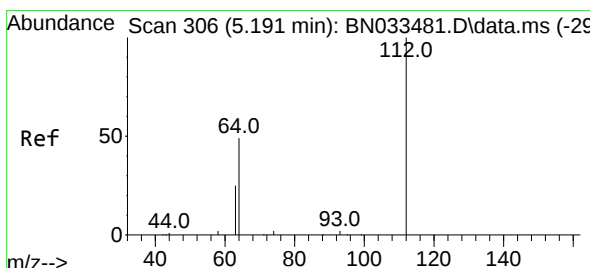
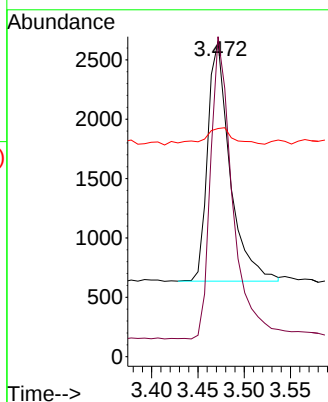
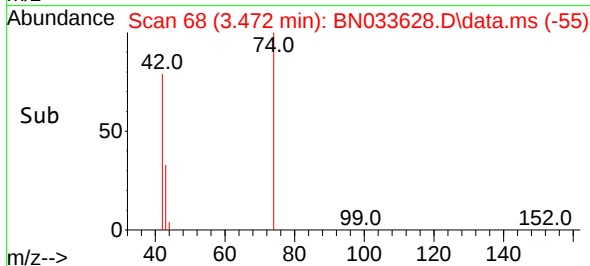


Tgt Ion: 42 Resp: 338  
Ion Ratio Lower Upper  
42 100  
74 125.1 100.2 150.2  
44 9.8 5.3 7.9

Manual Integrations

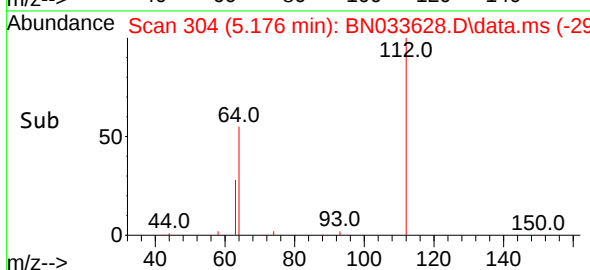
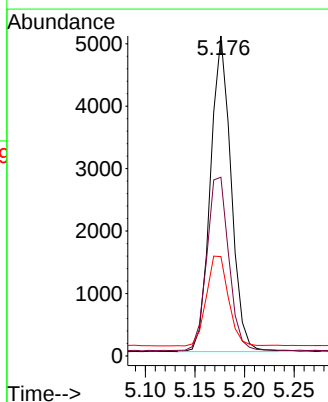
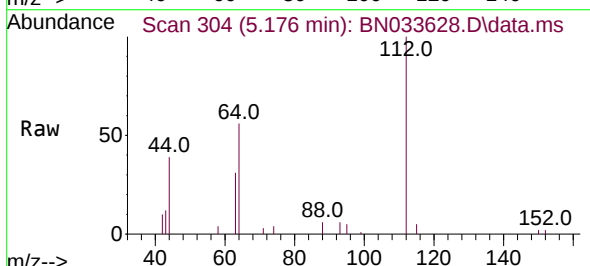
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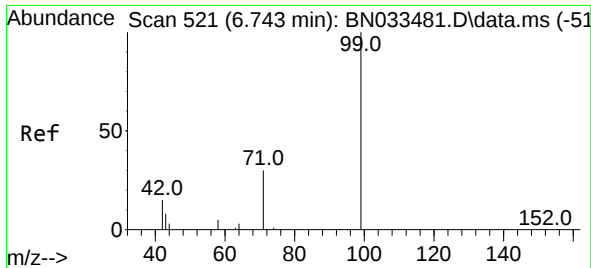
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#4  
2-Fluorophenol  
Concen: 0.316 ng  
RT: 5.176 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

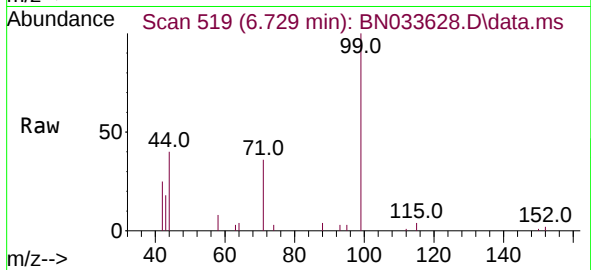
Tgt Ion:112 Resp: 7302  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.1 70.7  
63 30.4 24.9 37.3





#5  
Phenol-d6  
Concen: 0.331 ng  
RT: 6.729 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

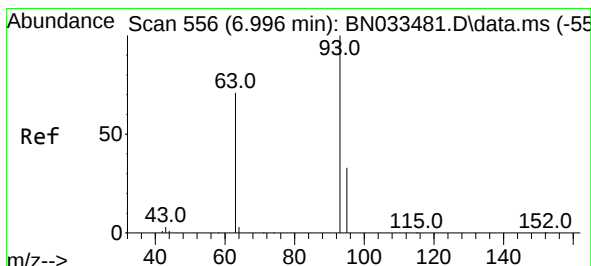
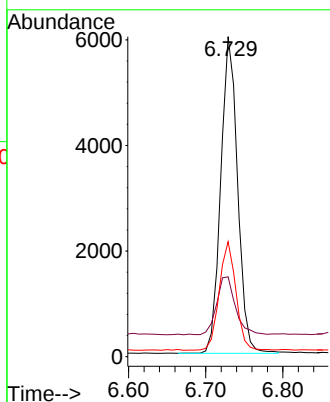
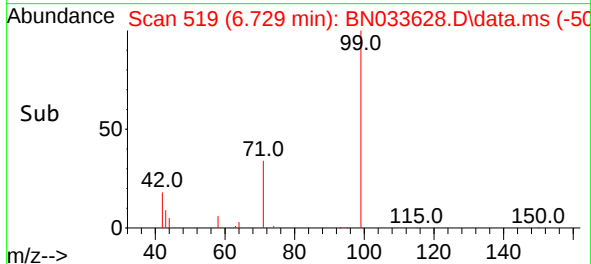
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 99 Resp: 9119  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.6 24.8  
71 33.9 26.2 39.4

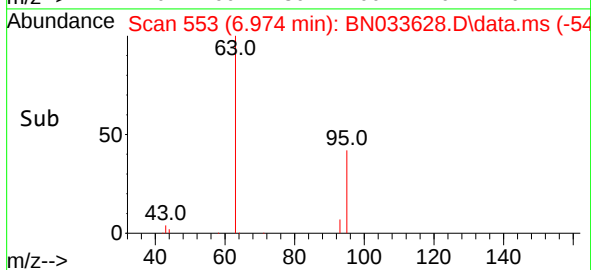
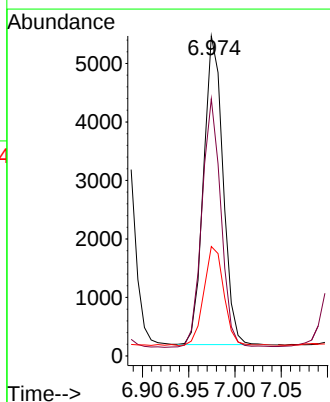
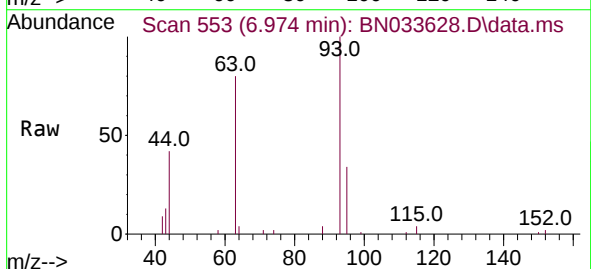
Manual Integrations  
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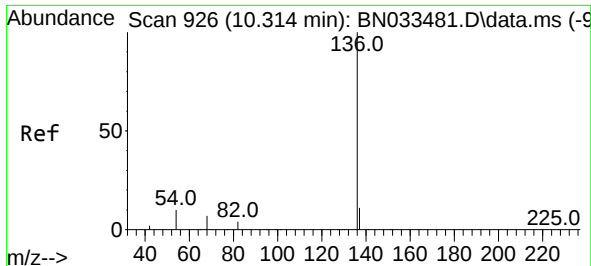
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.395 ng  
RT: 6.974 min Scan# 553  
Delta R.T. -0.007 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

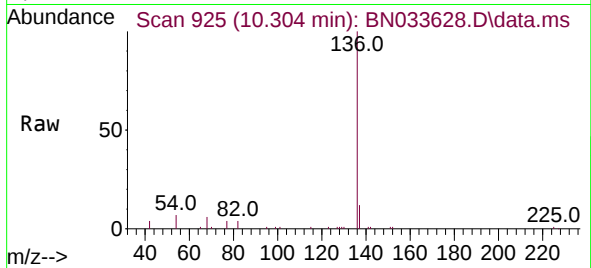
Tgt Ion: 93 Resp: 7705  
Ion Ratio Lower Upper  
93 100  
63 78.8 63.0 94.4  
95 32.9 26.0 39.0





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.304 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

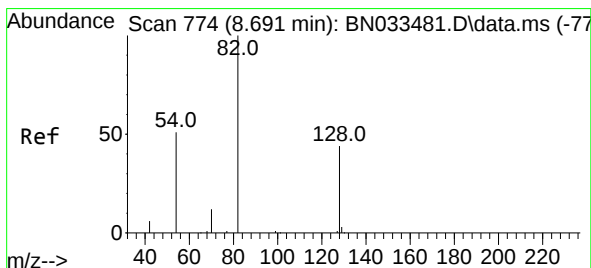
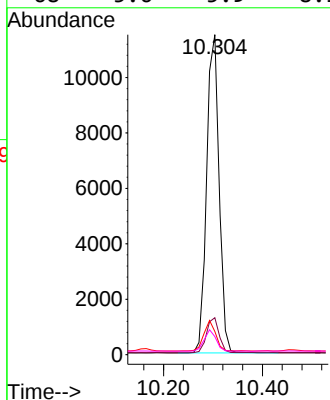
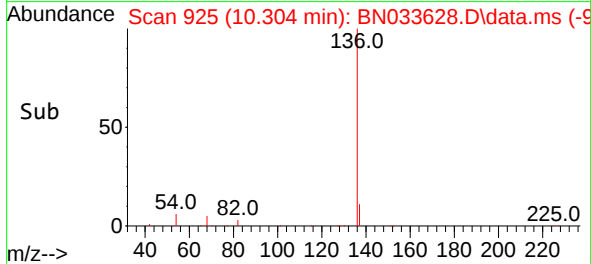
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:136 Resp: 2012  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.0 13.6  
54 7.3 8.3 12.5  
68 5.6 5.9 8.9#

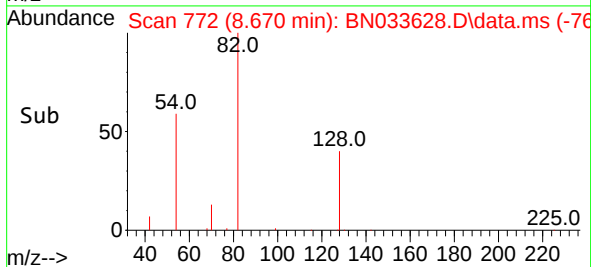
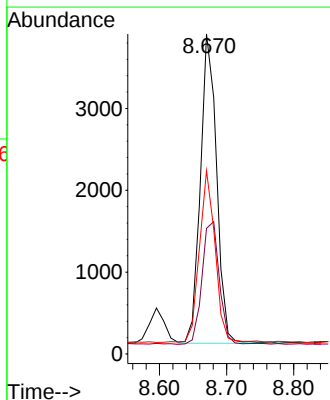
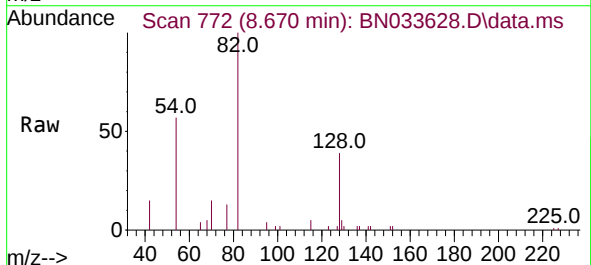
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#8  
Nitrobenzene-d5  
Concen: 0.379 ng  
RT: 8.670 min Scan# 772  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Tgt Ion: 82 Resp: 6329  
Ion Ratio Lower Upper  
82 100  
128 39.2 36.0 54.0  
54 57.3 42.0 63.0





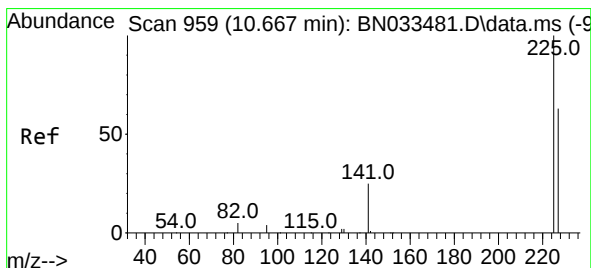
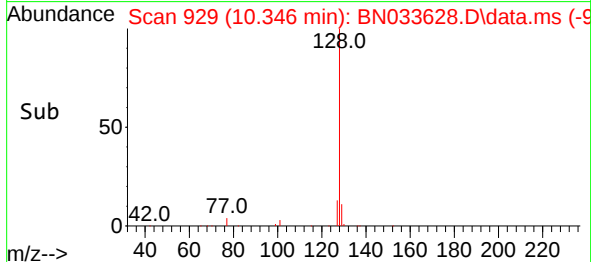
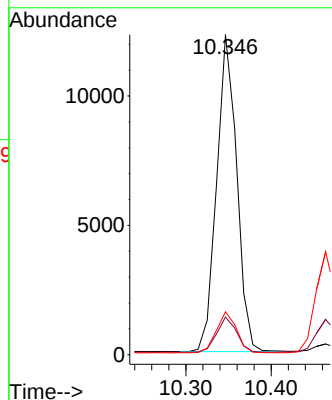
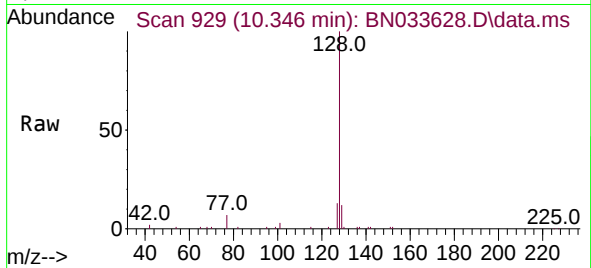
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Naphthalene  
Concen: 0.372 ng  
RT: 10.346 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 2001  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.1 13.7  
127 13.4 10.7 16.1

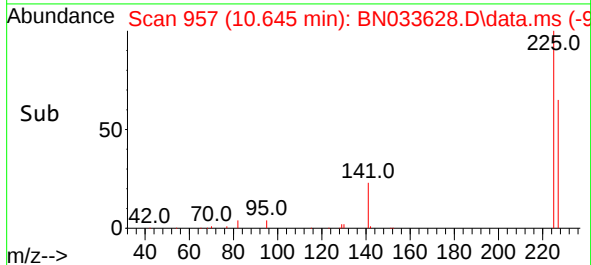
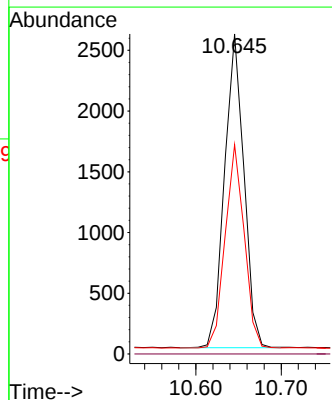
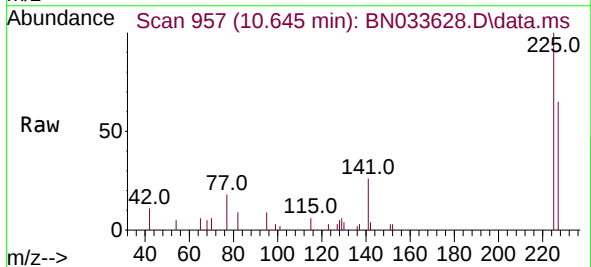
Manual Integrations  
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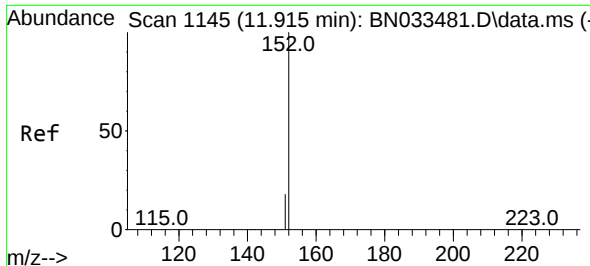
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#10  
Hexachlorobutadiene  
Concen: 0.379 ng  
RT: 10.645 min Scan# 957  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

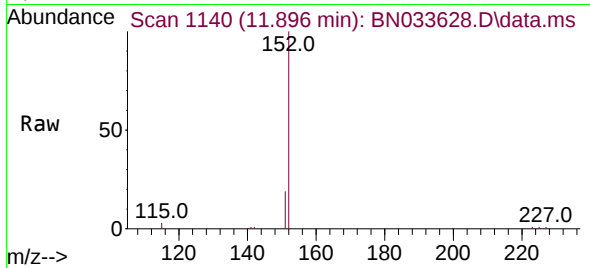
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.7 51.2 76.8





#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 11.896 min Scan# 1140  
Delta R.T. -0.008 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

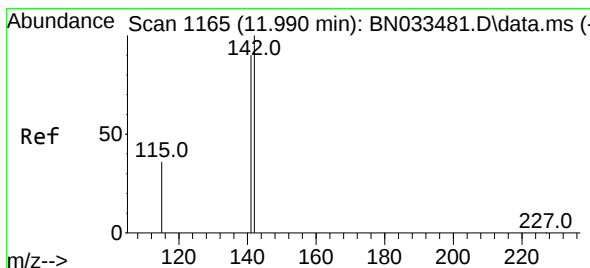
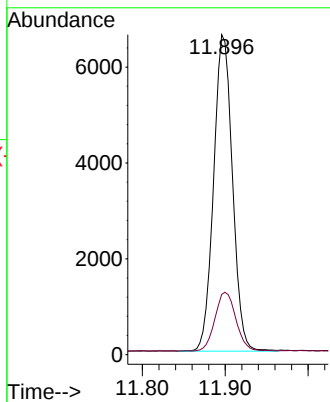
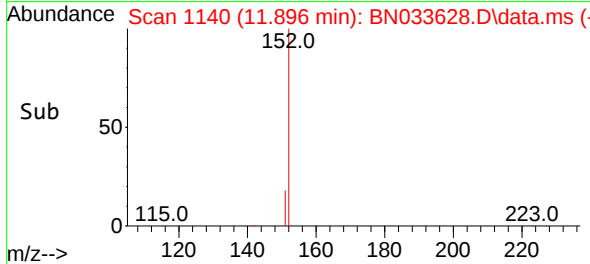
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 10410  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 25.0

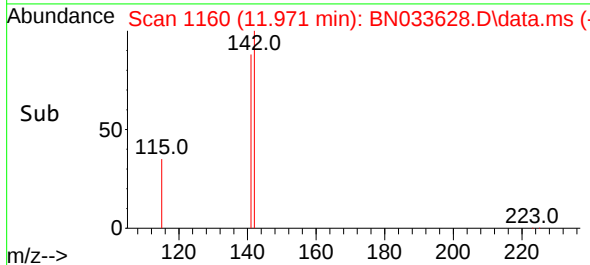
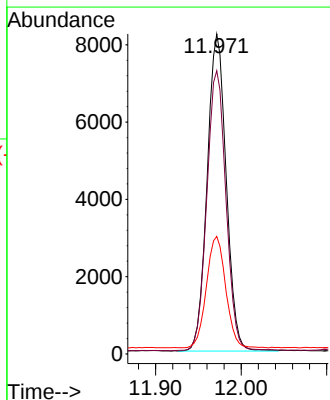
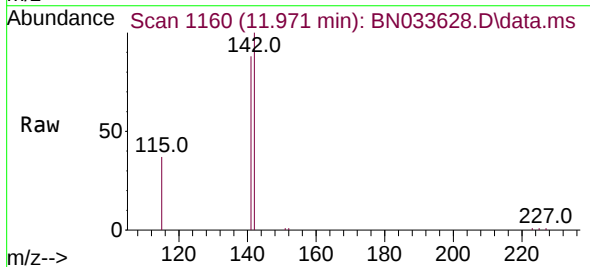
Manual Integrations  
APPROVED

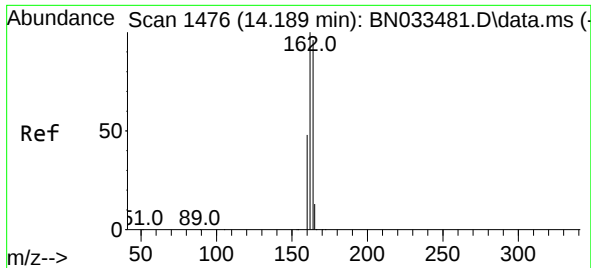
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#12  
2-Methylnaphthalene  
Concen: 0.373 ng  
RT: 11.971 min Scan# 1160  
Delta R.T. -0.008 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

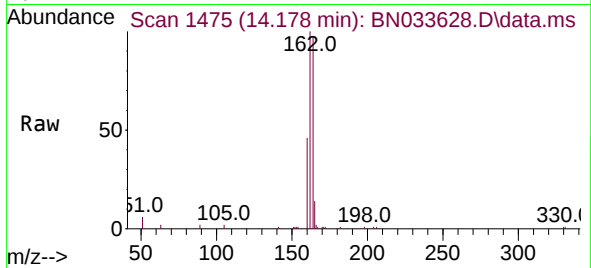
Tgt Ion:142 Resp: 12700  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.7 107.5  
115 36.8 29.4 44.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.178 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

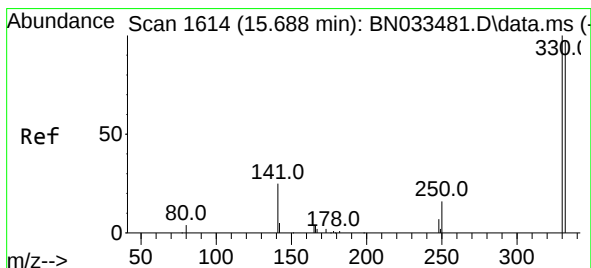
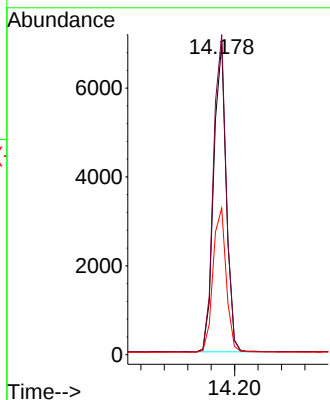
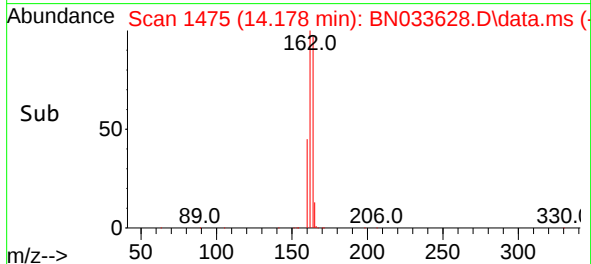
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



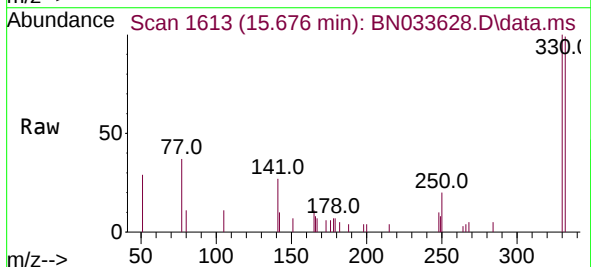
Tgt Ion:164 Resp: 1035  
Ion Ratio Lower Upper  
164 100  
162 102.9 83.5 125.3  
160 47.1 40.2 60.4

Manual Integrations  
APPROVED

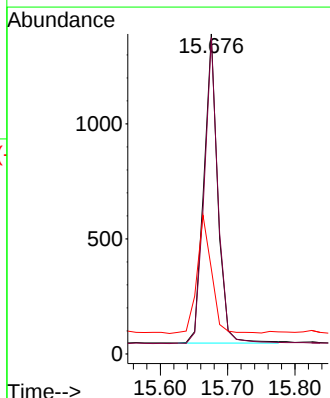
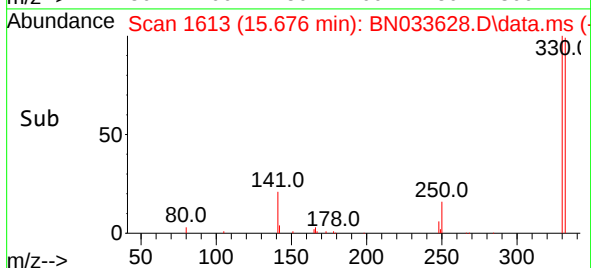
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

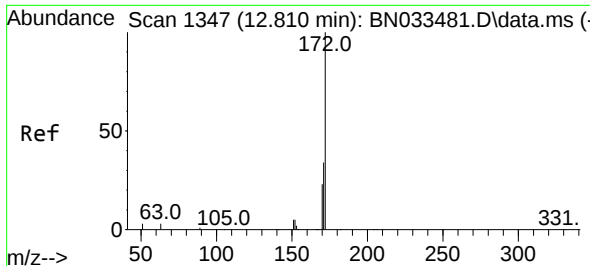


#14  
2,4,6-Tribromophenol  
Concen: 0.348 ng  
RT: 15.676 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44



Tgt Ion:330 Resp: 1935  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.5 116.3  
141 39.9 33.9 50.9





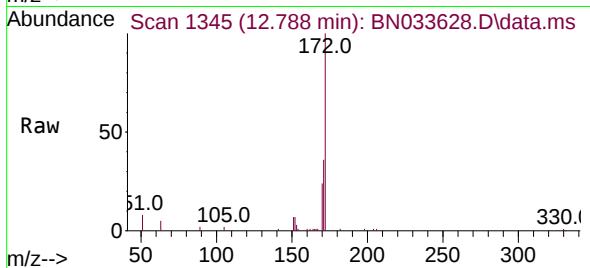
#15  
2-Fluorobiphenyl  
Concen: 0.355 ng  
RT: 12.788 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

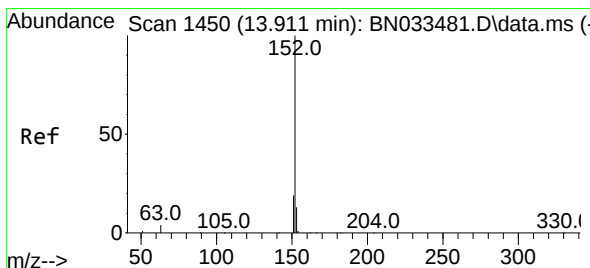
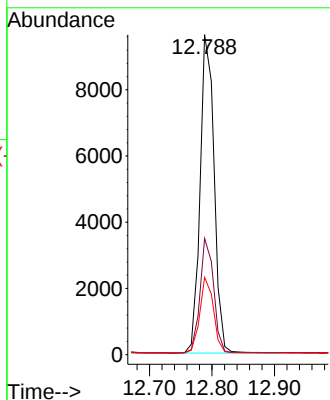
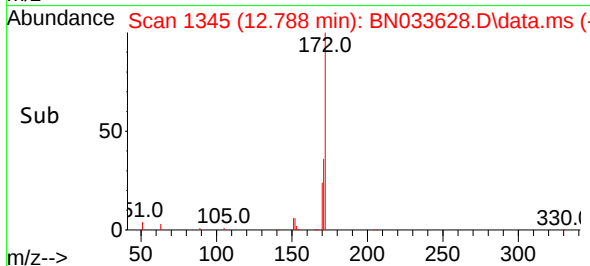


Tgt Ion:172 Resp: 15014  
Ion Ratio Lower Upper  
172 100  
171 36.4 27.7 41.5  
170 24.1 18.3 27.5

Manual Integrations

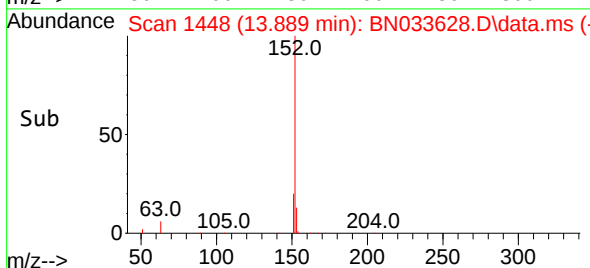
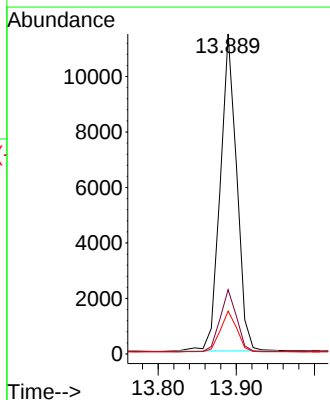
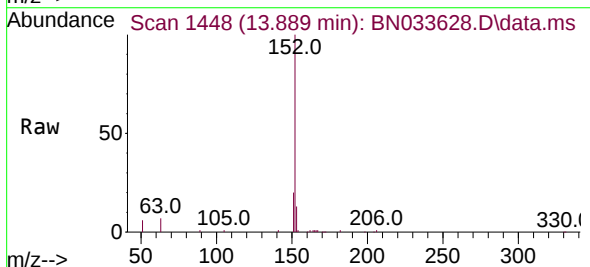
APPROVED

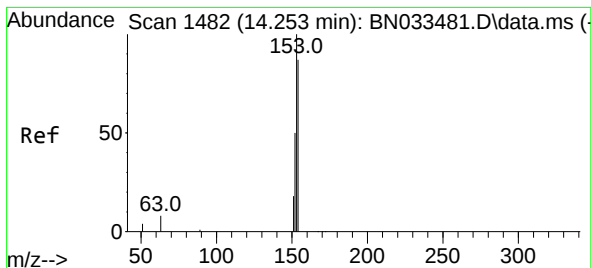
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#16  
Acenaphthylene  
Concen: 0.369 ng  
RT: 13.889 min Scan# 1448  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Tgt Ion:152 Resp: 16747  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.242 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

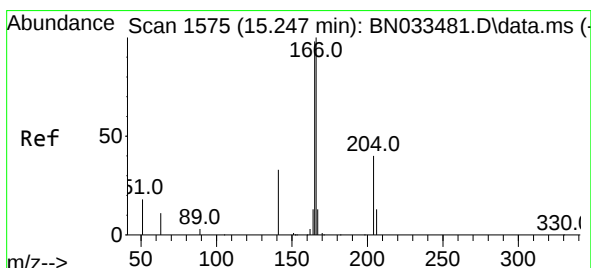
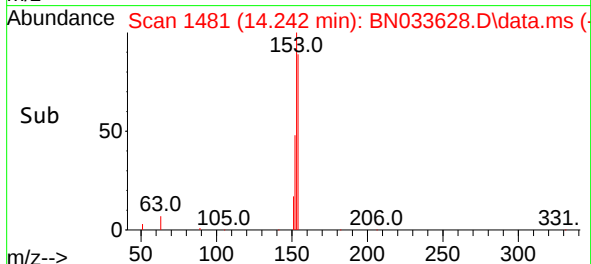
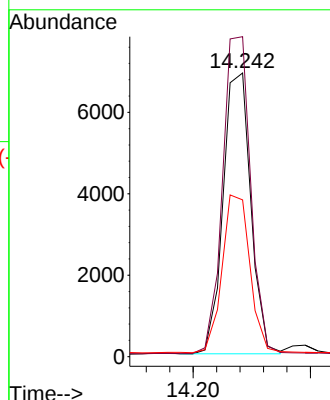
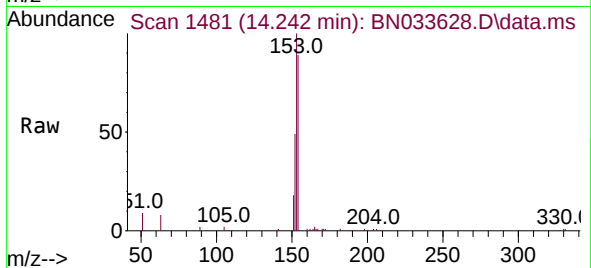
SSTDCCC0.4EC

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 1130       |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 114.3 | 89.0 133.6 |
| 152         | 56.4  | 45.2 67.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#18

Fluorene

Concen: 0.360 ng

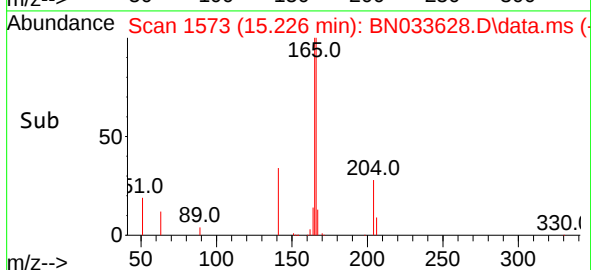
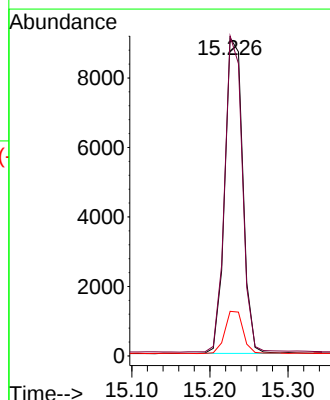
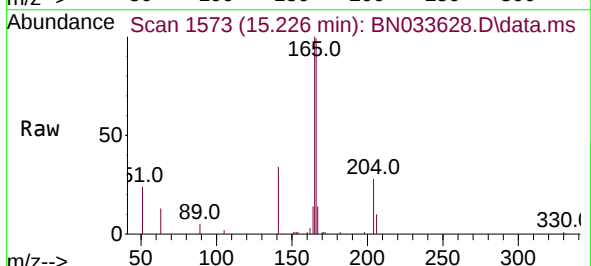
RT: 15.226 min Scan# 1573

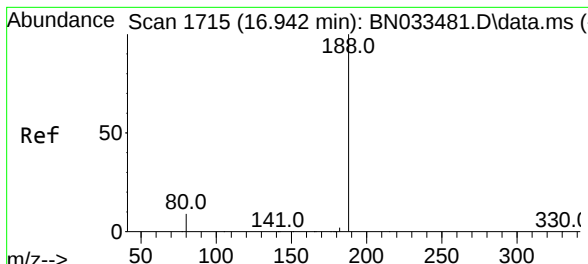
Delta R.T. -0.011 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 14492      |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 98.3  | 78.2 117.4 |
| 167         | 13.6  | 10.6 16.0  |





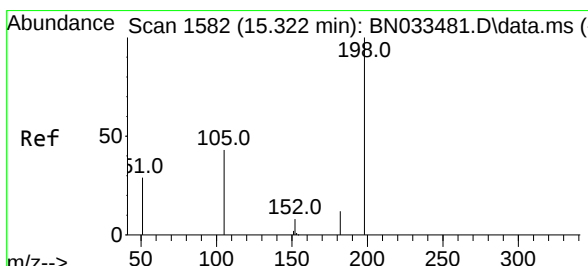
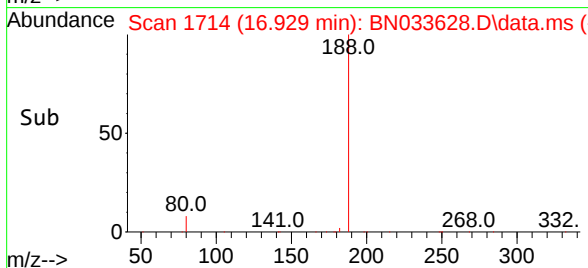
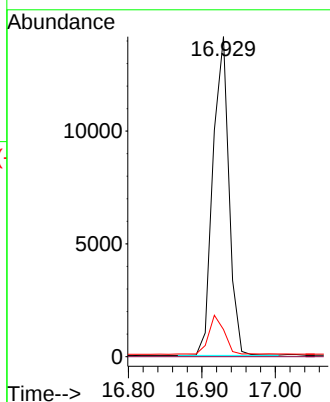
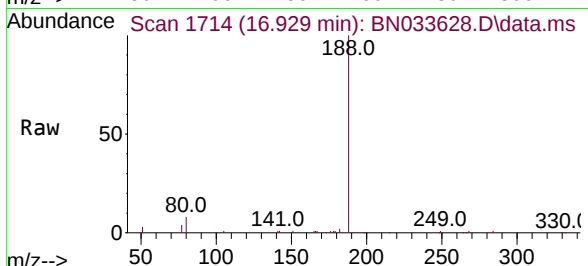
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.929 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:188 Resp: 21420  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.5 7.8 11.8

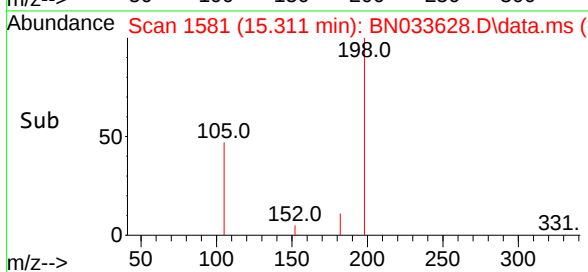
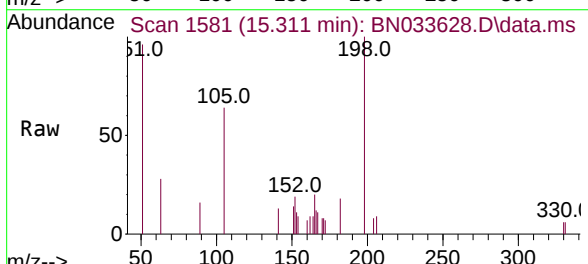
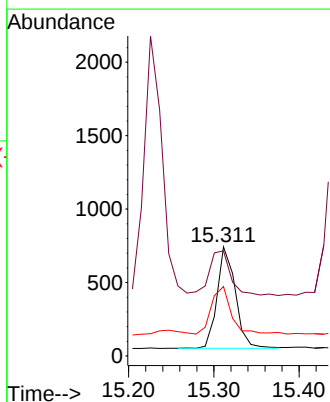
Manual Integrations  
APPROVED

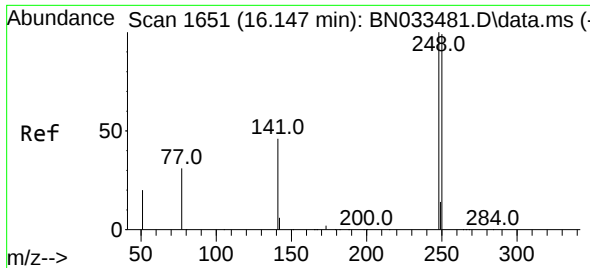
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.308 ng  
RT: 15.311 min Scan# 1581  
Delta R.T. -0.011 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Tgt Ion:198 Resp: 1029  
Ion Ratio Lower Upper  
198 100  
51 96.4 65.1 97.7  
105 63.7 44.8 67.2





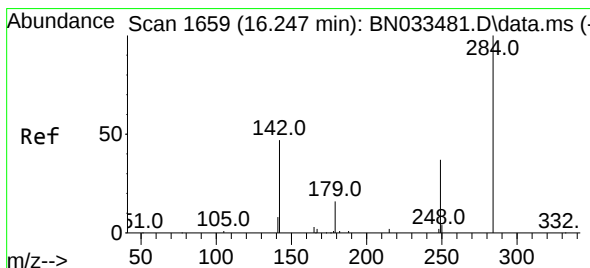
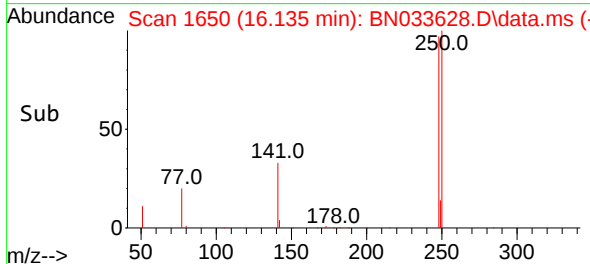
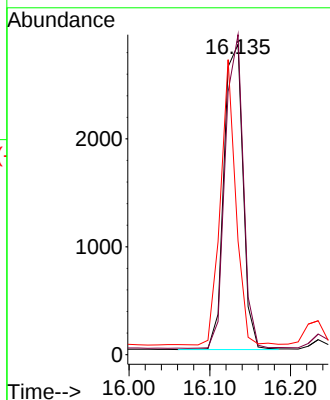
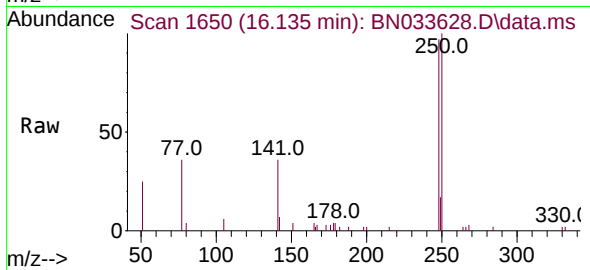
#21  
4-Bromophenyl-phenylether  
Concen: 0.356 ng  
RT: 16.135 min Scan# 1650  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:248 Resp: 463  
Ion Ratio Lower Upper  
248 100  
250 103.1 79.2 118.8  
141 36.6 37.9 56.9

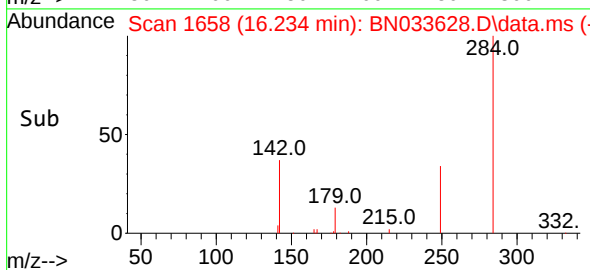
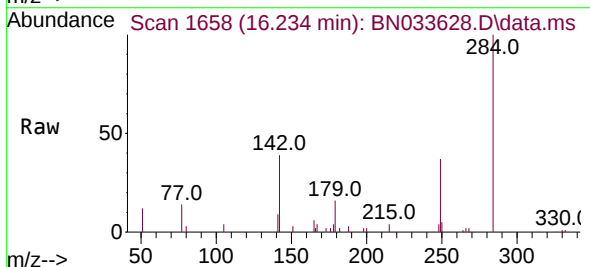
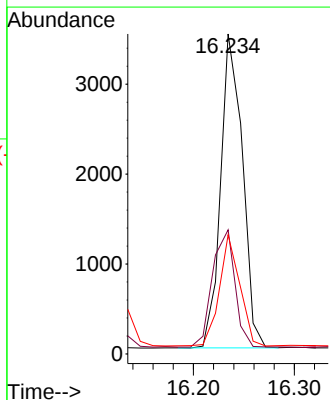
Manual Integrations  
APPROVED

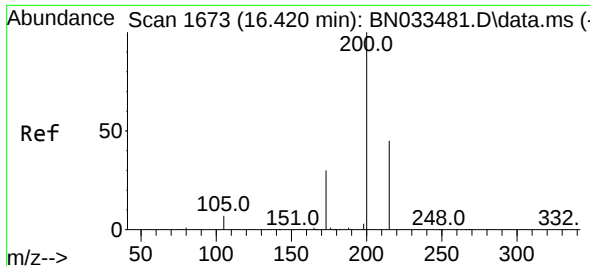
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#22  
Hexachlorobenzene  
Concen: 0.364 ng  
RT: 16.234 min Scan# 1658  
Delta R.T. -0.012 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

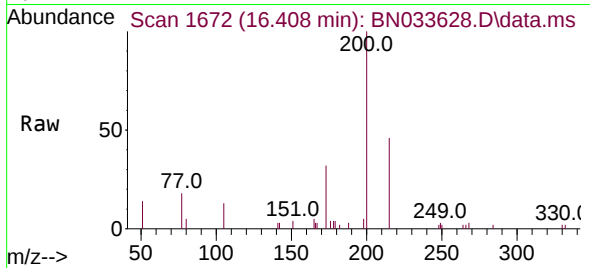
Tgt Ion:284 Resp: 5236  
Ion Ratio Lower Upper  
284 100  
142 38.4 31.8 47.6  
249 33.1 26.0 39.0





#23  
Atrazine  
Concen: 0.371 ng  
RT: 16.408 min Scan# 1672  
Delta R.T. -0.012 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

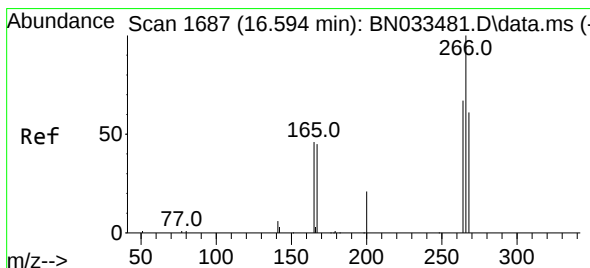
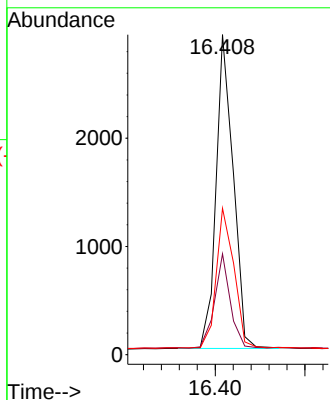
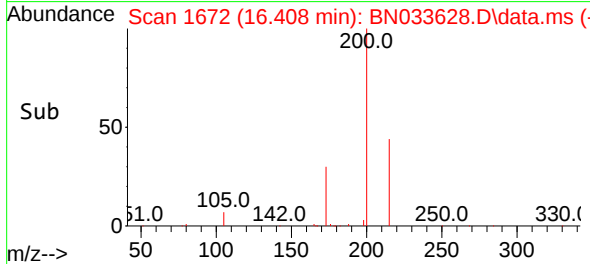
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:200 Resp: 3849  
Ion Ratio Lower Upper  
200 100  
173 31.5 25.3 37.9  
215 45.7 36.6 54.8

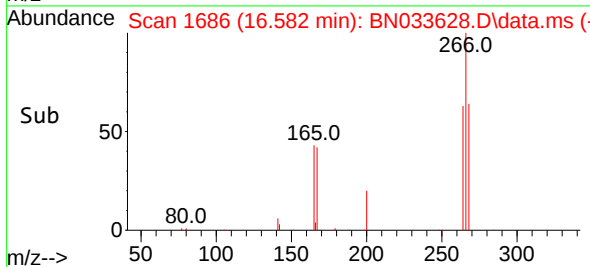
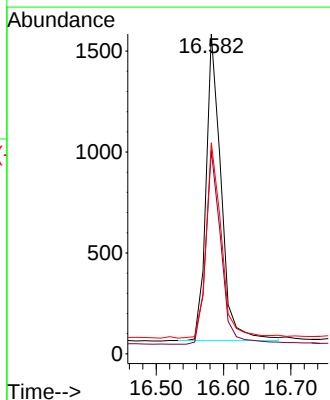
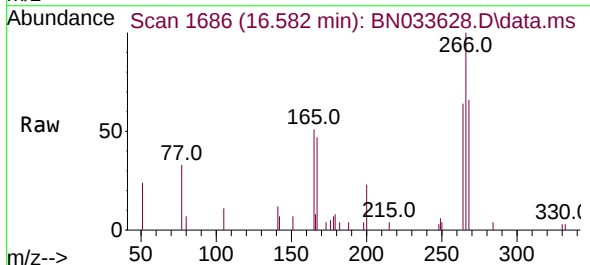
Manual Integrations  
APPROVED

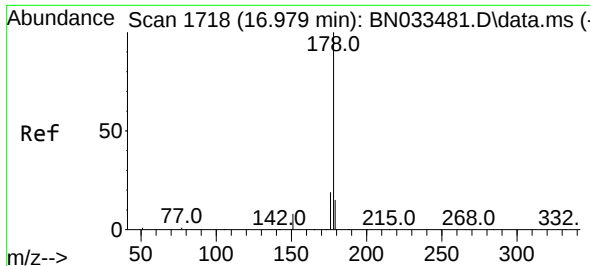
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#24  
Pentachlorophenol  
Concen: 0.377 ng  
RT: 16.582 min Scan# 1686  
Delta R.T. -0.012 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

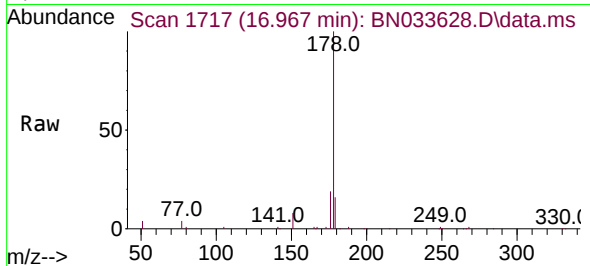
Tgt Ion:266 Resp: 2350  
Ion Ratio Lower Upper  
266 100  
264 64.3 51.9 77.9  
268 65.5 51.0 76.4





#25  
Phenanthrene  
Concen: 0.372 ng  
RT: 16.967 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

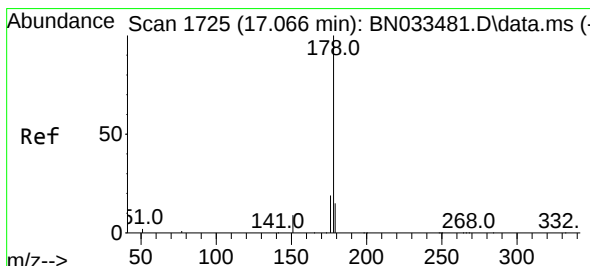
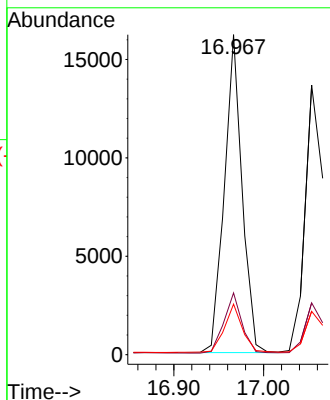
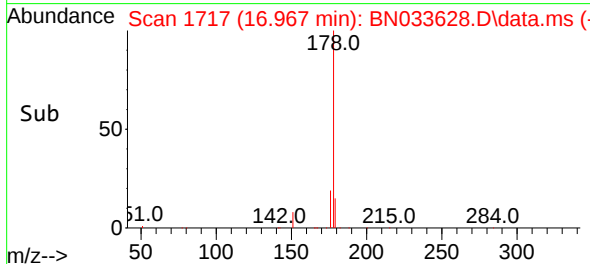
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:178 Resp: 22192  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.5 12.3 18.5

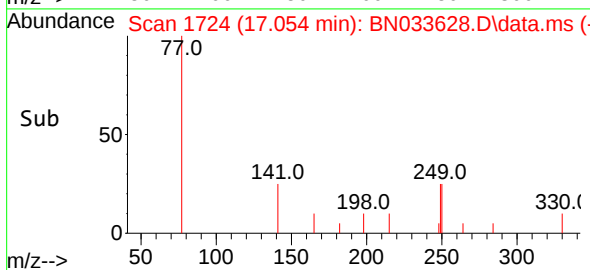
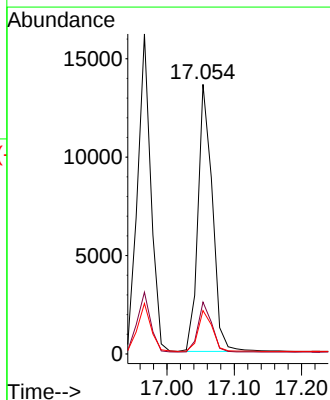
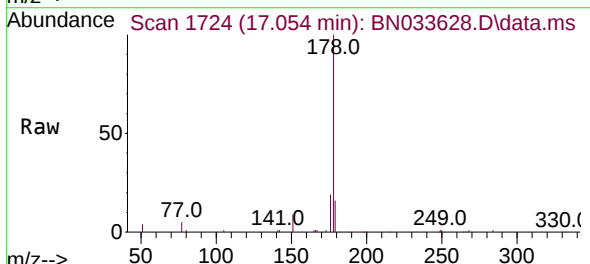
Manual Integrations  
APPROVED

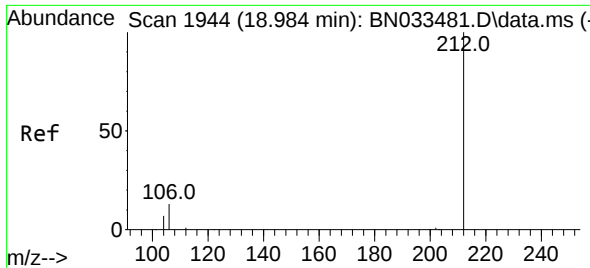
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#26  
Anthracene  
Concen: 0.382 ng  
RT: 17.054 min Scan# 1724  
Delta R.T. -0.012 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

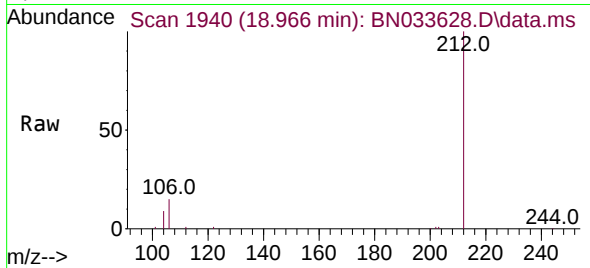
Tgt Ion:178 Resp: 20168  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.0 22.6  
179 15.4 12.4 18.6





#27  
Fluoranthene-d10  
Concen: 0.397 ng  
RT: 18.966 min Scan# 1940  
Delta R.T. -0.005 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

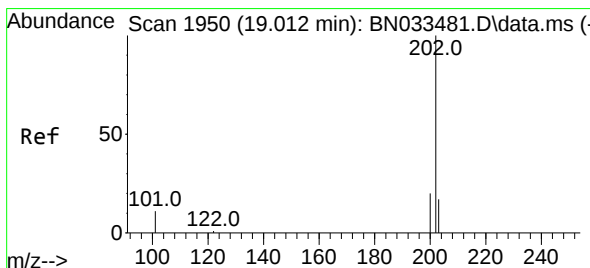
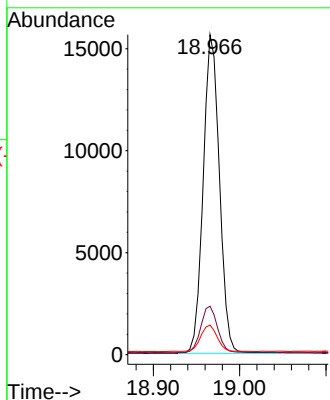
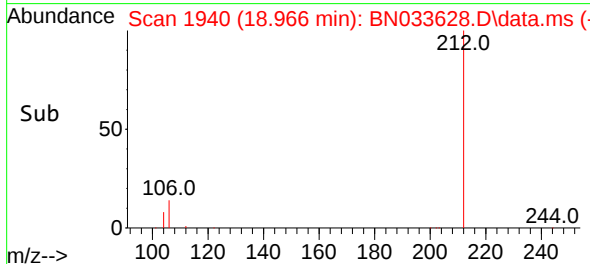
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



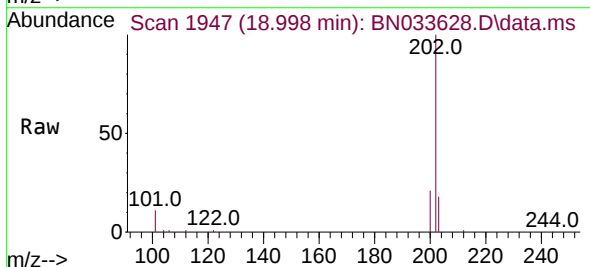
Tgt Ion:212 Resp: 20464  
Ion Ratio Lower Upper  
212 100  
106 14.7 12.3 18.5  
104 8.3 7.0 10.4

Manual Integrations  
APPROVED

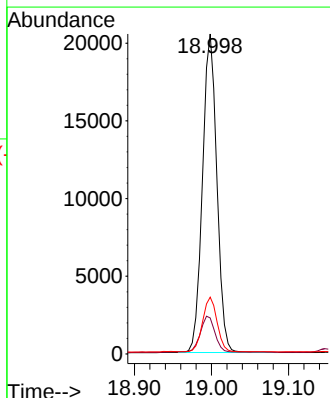
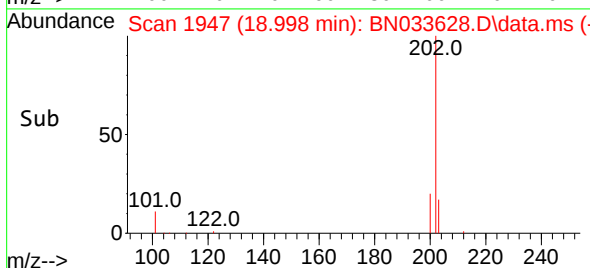
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

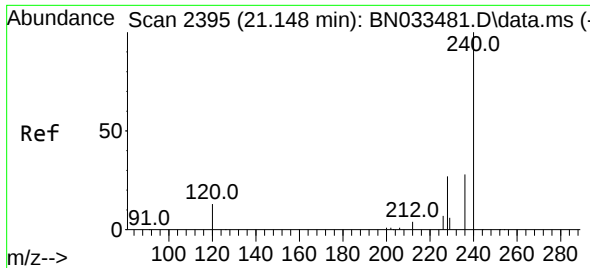


#28  
Fluoranthene  
Concen: 0.403 ng  
RT: 18.998 min Scan# 1947  
Delta R.T. -0.005 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44



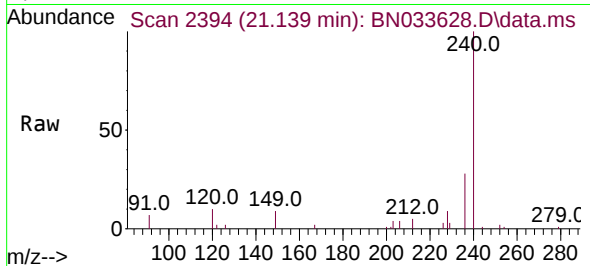
Tgt Ion:202 Resp: 26557  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.5 14.3  
203 17.3 13.8 20.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.139 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

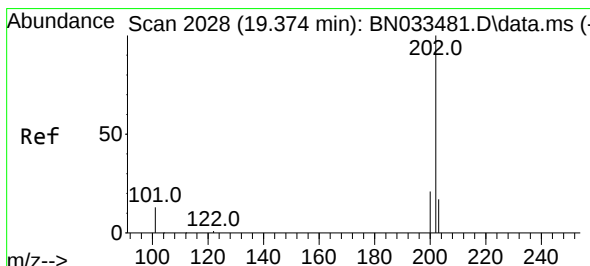
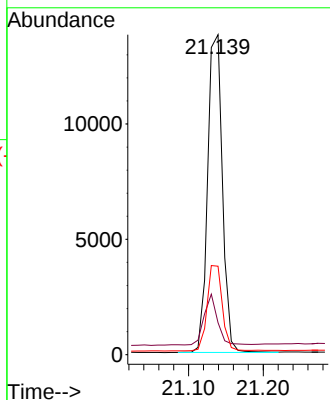
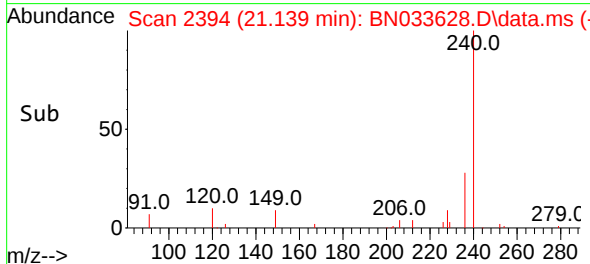
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



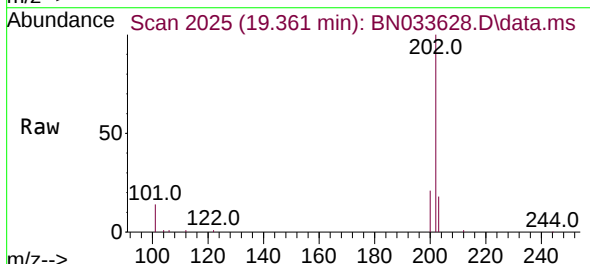
Tgt Ion:240 Resp: 1889  
Ion Ratio Lower Upper  
240 100  
120 10.0 12.4 18.6  
236 27.7 23.0 34.6

Manual Integrations  
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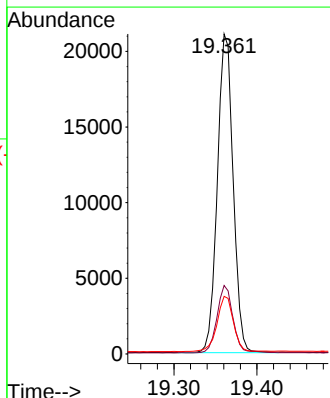
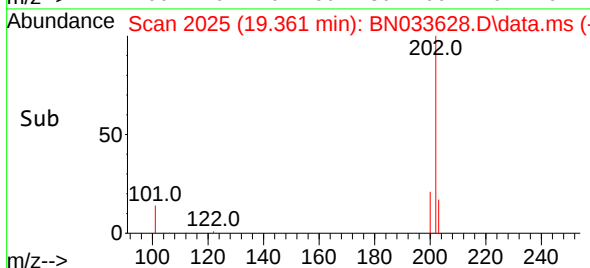
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

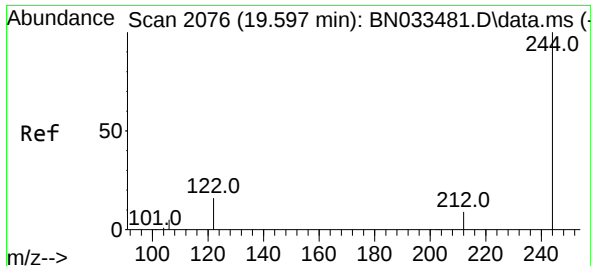


#30  
Pyrene  
Concen: 0.328 ng  
RT: 19.361 min Scan# 2025  
Delta R.T. -0.005 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44



Tgt Ion:202 Resp: 27687  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.6 24.8  
203 18.0 14.2 21.4





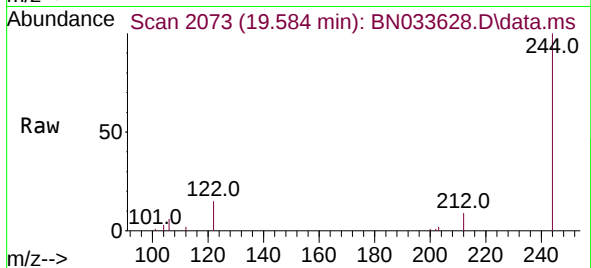
#31  
Terphenyl-d14  
Concen: 0.314 ng  
RT: 19.584 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

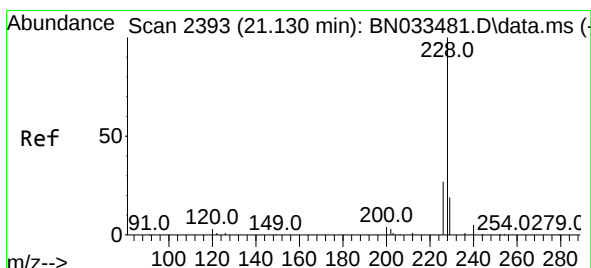
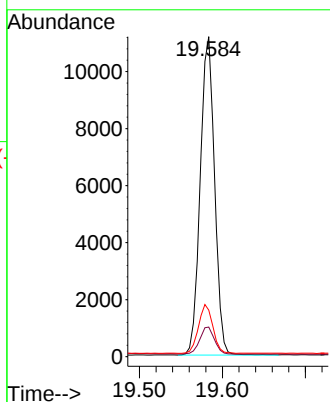
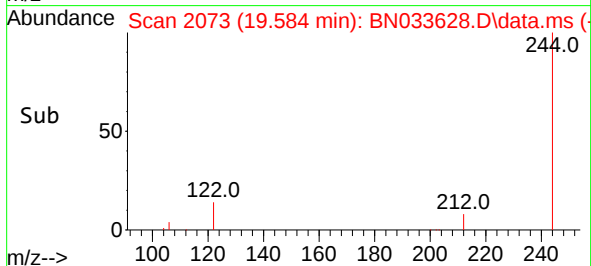


Tgt Ion:244 Resp: 1346  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.8 11.6  
122 14.5 13.3 19.9

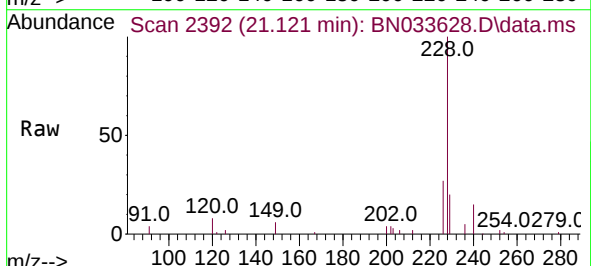
Manual Integrations

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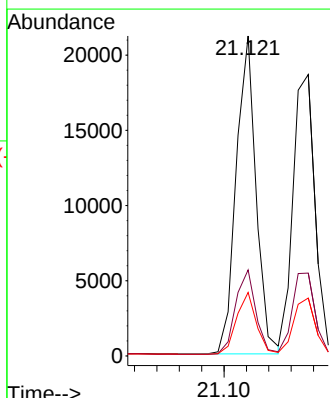
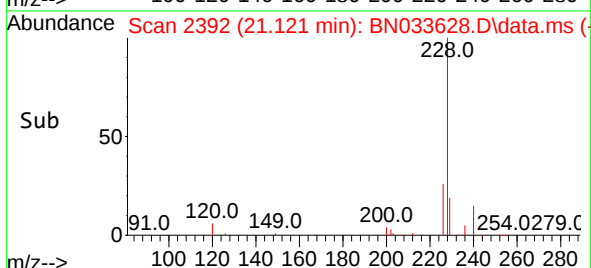
Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

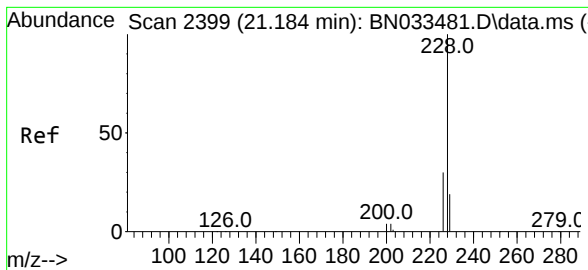


#32  
Benzo(a)anthracene  
Concen: 0.382 ng  
RT: 21.121 min Scan# 2392  
Delta R.T. -0.000 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44



Tgt Ion:228 Resp: 26126  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.6  
229 19.9 15.8 23.6





#33

Chrysene

Concen: 0.372 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

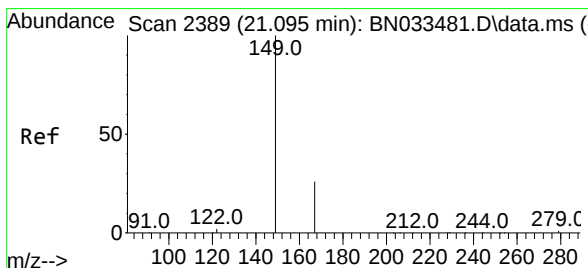
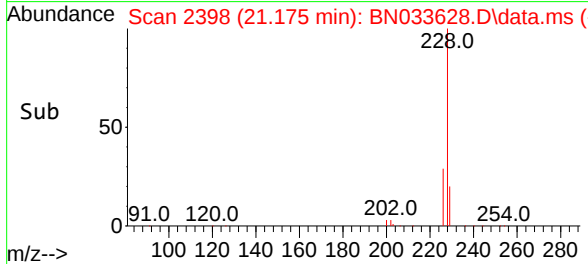
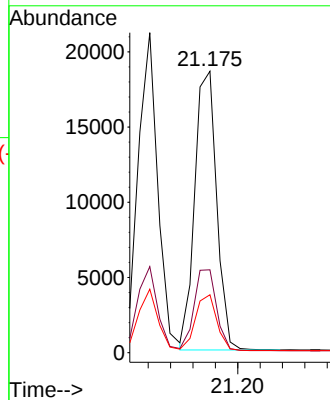
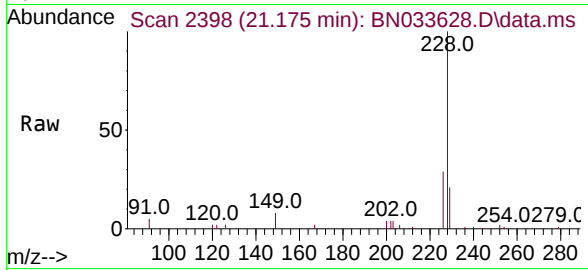
SSTDCCC0.4EC

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 2527 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.4  | 23.8  | 35.8 |
| 229       | 20.6  | 15.6  | 23.4 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.440 ng m

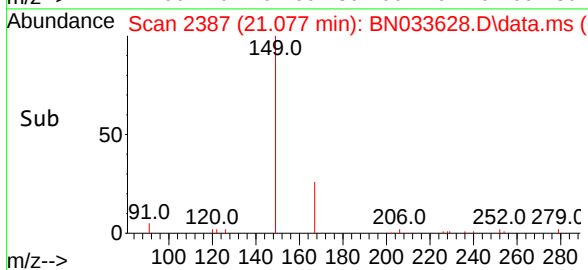
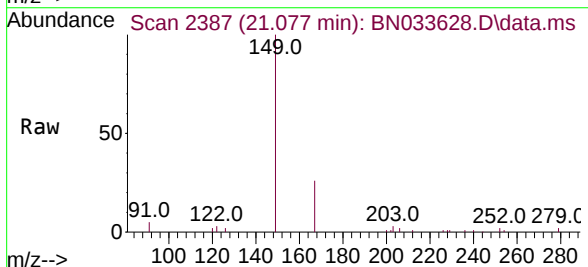
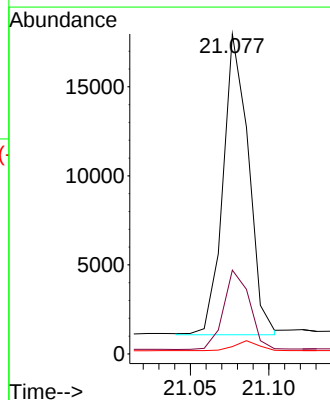
RT: 21.077 min Scan# 2387

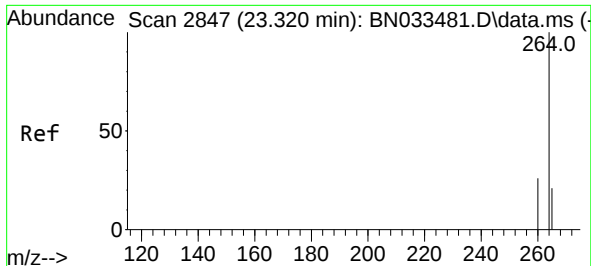
Delta R.T. -0.009 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 19014 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 29.0  | 21.5  | 32.3  |
| 279       | 11.7  | 2.2   | 3.2#  |





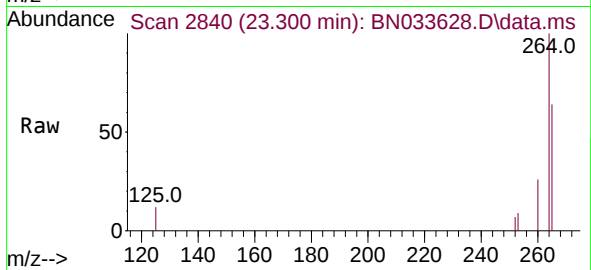
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.300 min Scan# 2847  
Delta R.T. -0.003 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

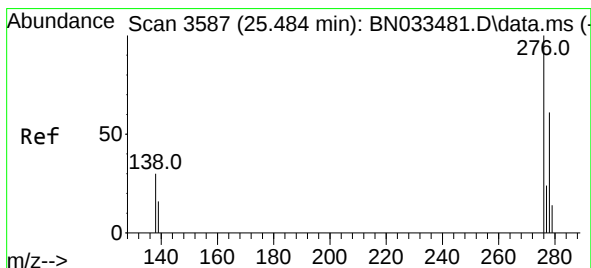
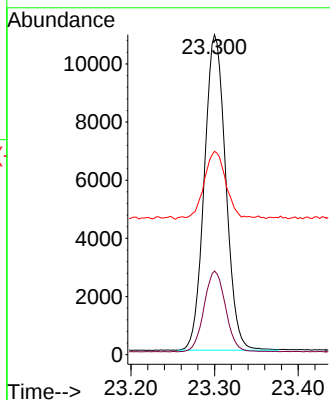
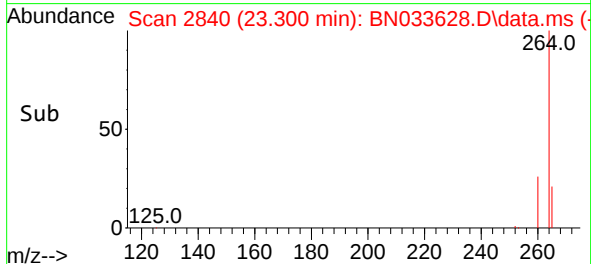


Tgt Ion:264 Resp: 1932  
Ion Ratio Lower Upper  
264 100  
260 26.1 20.8 31.2  
265 63.5 52.2 78.2

Manual Integrations

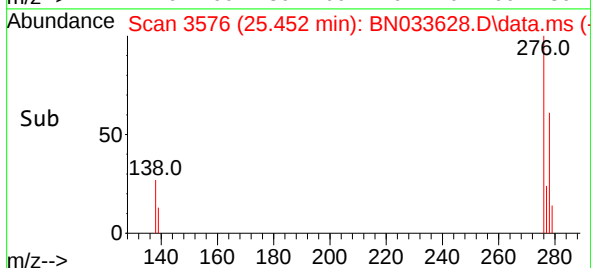
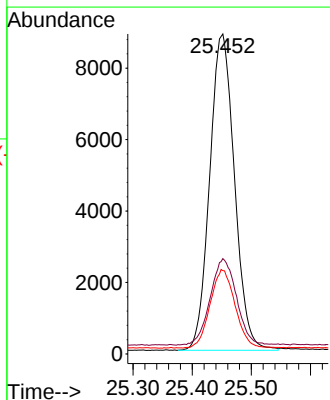
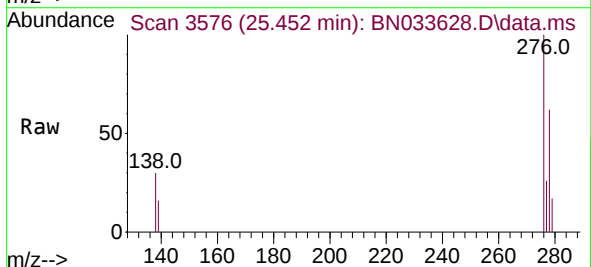
APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.321 ng  
RT: 25.452 min Scan# 3576  
Delta R.T. 0.003 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Tgt Ion:276 Resp: 25788  
Ion Ratio Lower Upper  
276 100  
138 29.0 24.4 36.6  
277 25.1 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.657 min Scan# 2603

Delta R.T. -0.003 min

Lab File: BN033628.D

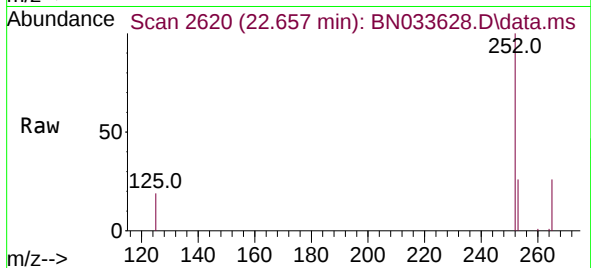
Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

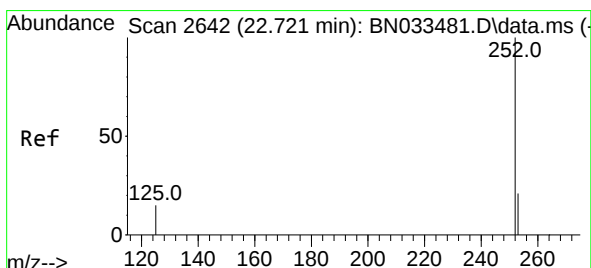
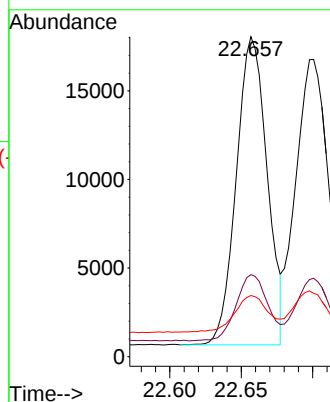


| Tgt Ion:  | 252  | Resp: | 2603  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 252       | 100  |       |       |
| 253       | 25.6 | 19.8  | 29.8  |
| 125       | 19.1 | 13.9  | 20.9  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#38

Benzo(k)fluoranthene

Concen: 0.365 ng

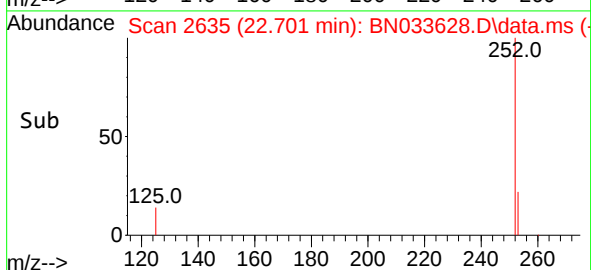
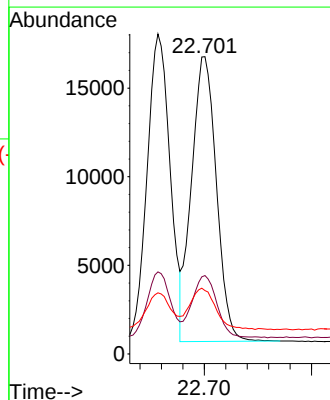
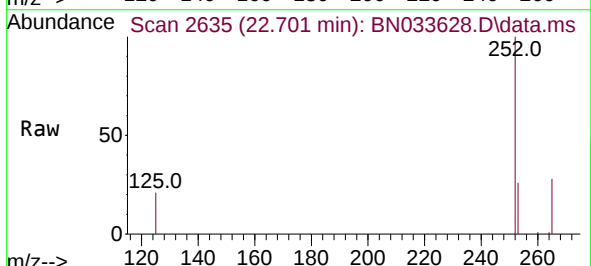
RT: 22.701 min Scan# 2635

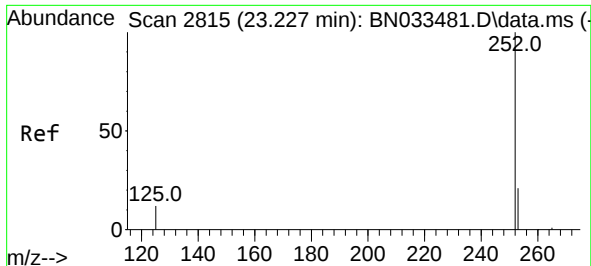
Delta R.T. -0.003 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

| Tgt Ion:  | 252  | Resp: | 25908 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 252       | 100  |       |       |
| 253       | 26.4 | 19.8  | 29.8  |
| 125       | 21.3 | 15.8  | 23.8  |





#39

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.206 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

Instrument :

BNA\_N

ClientSampleId :

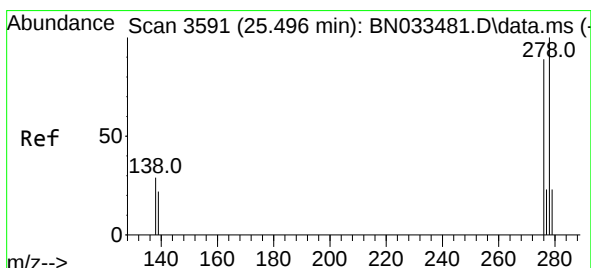
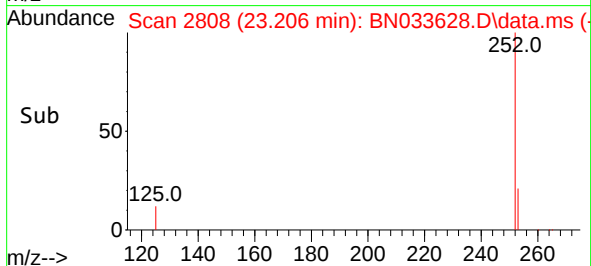
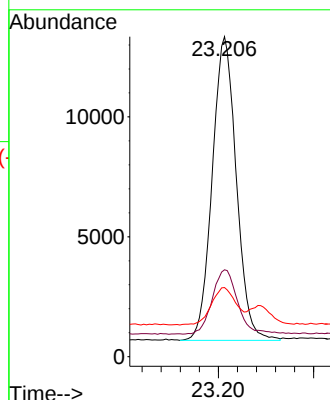
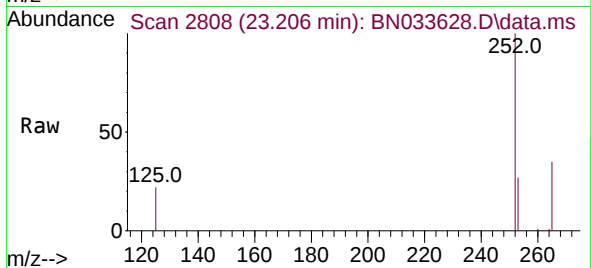
SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 22204 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 27.1  | 21.5  | 32.3  |
| 125       | 21.6  | 17.0  | 25.4  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.324 ng

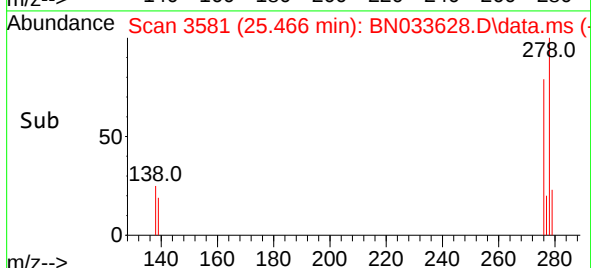
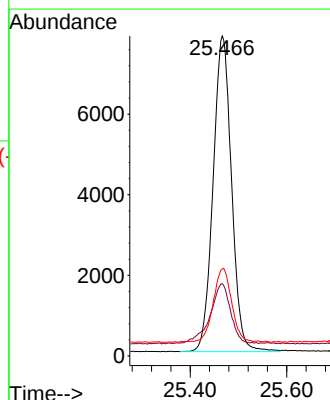
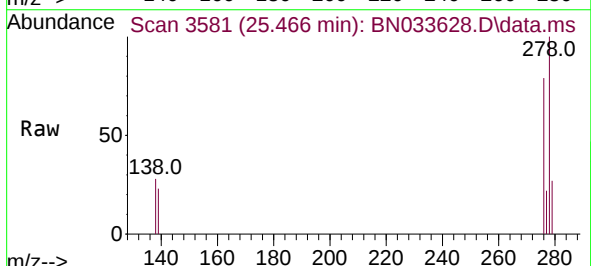
RT: 25.466 min Scan# 3581

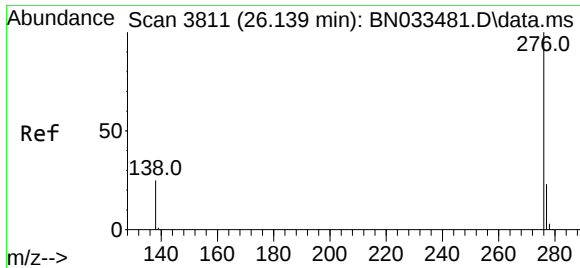
Delta R.T. -0.003 min

Lab File: BN033628.D

Acq: 26 Aug 2024 18:44

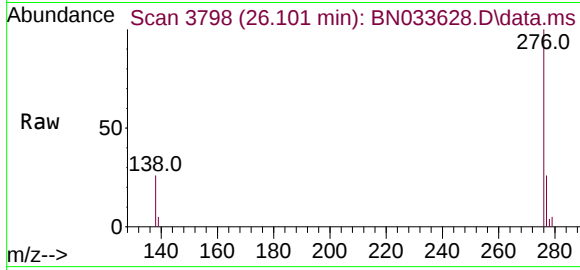
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 20759 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 22.6  | 19.1  | 28.7  |
| 279       | 27.2  | 21.0  | 31.4  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.312 ng  
RT: 26.101 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BN033628.D  
Acq: 26 Aug 2024 18:44

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 2140  
Ion Ratio Lower Upper  
276 100  
277 25.7 19.7 29.5  
138 26.4 21.8 32.6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024  
Supervised By :mohammad ahmed 08/28/2024

