

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072423\  
 Data File : BN026726.D  
 Acq On : 24 Jul 2023 23:59  
 Operator : MA/JU  
 Sample : PB154197BL  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB154197BL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 03:26:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 24 23:51:48 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 1256     | 0.400 | ng    | # 0.02   |
| 7) Naphthalene-d8           | 10.650 | 136  | 3881     | 0.400 | ng    | # 0.02   |
| 13) Acenaphthene-d10        | 14.469 | 164  | 3244     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.232 | 188  | 6306     | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.417 | 240  | 4859     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.785 | 264  | 5804     | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.430  | 112  | 1073     | 0.352 | ng    | 0.01     |
| 5) Phenol-d6                | 7.142  | 99   | 1067m    | 0.275 | ng    | 0.10     |
| 8) Nitrobenzene-d5          | 9.144  | 82   | 1024m    | 0.309 | ng    | 0.11     |
| 11) 2-Methylnaphthalene-d10 | 12.256 | 152  | 2287     | 0.403 | ng    | 0.03     |
| 14) 2,4,6-Tribromophenol    | 16.003 | 330  | 400      | 0.339 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl        | 13.122 | 172  | 3851m    | 0.307 | ng    | 0.02     |
| 27) Fluoranthene-d10        | 19.258 | 212  | 6363     | 0.476 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.853 | 244  | 4774     | 0.384 | ng    | 0.00     |

Target Compounds Qvalue

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

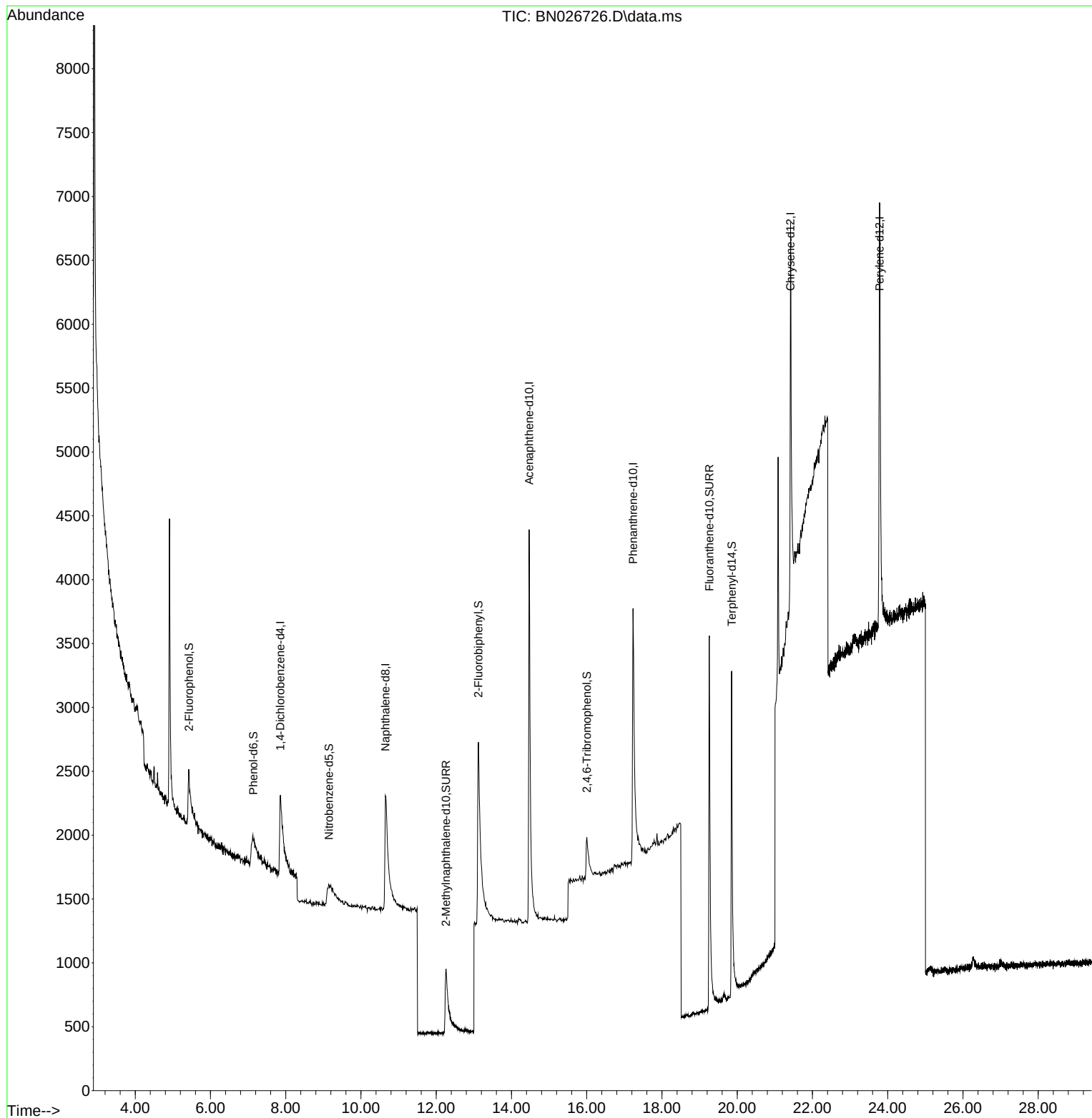
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072423\  
Data File : BN026726.D  
Acq On : 24 Jul 2023 23:59  
Operator : MA/JU  
Sample : PB154197BL  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

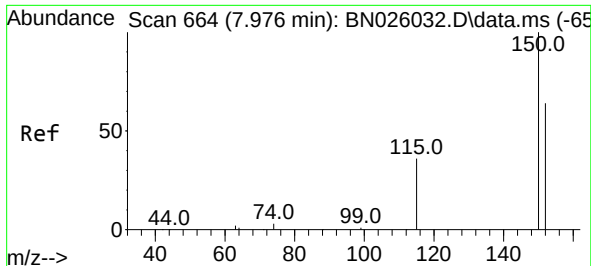
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 03:26:13 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 24 23:51:48 2023  
Response via : Initial Calibration





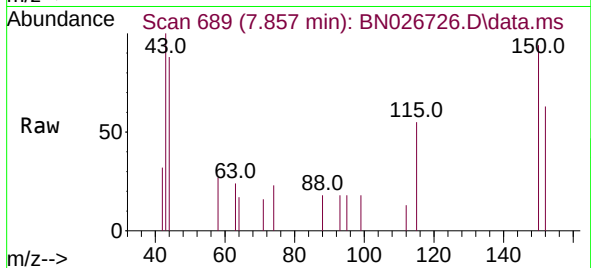
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.857 min Scan# 61  
Delta R.T. 0.022 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

Instrument :

BNA\_N

ClientSampleId :

PB154197BL

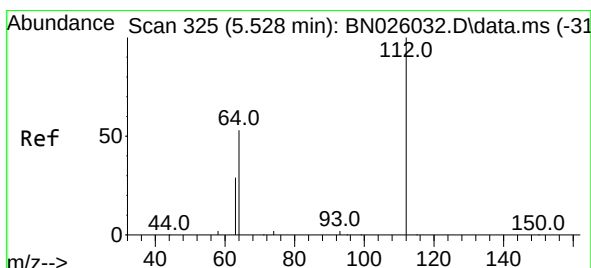
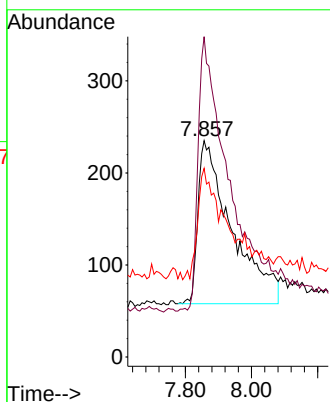
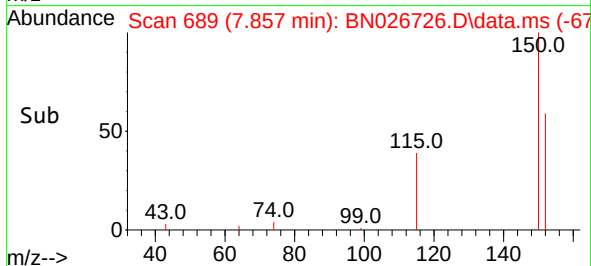


Tgt Ion:152 Resp: 1250  
Ion Ratio Lower Upper  
152 100  
150 148.1 124.7 187.1  
115 87.2 48.2 72.4

Manual Integrations

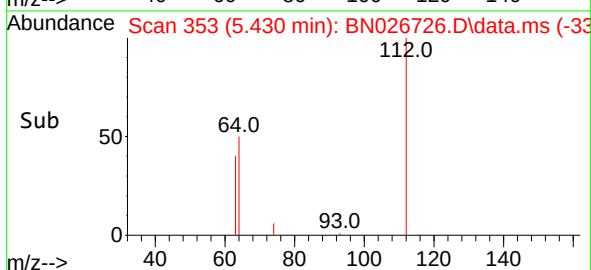
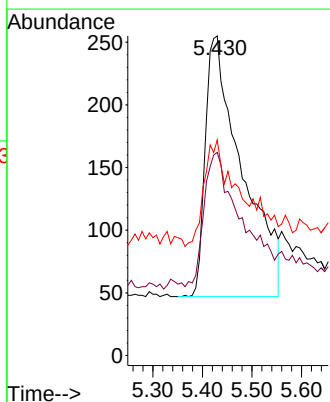
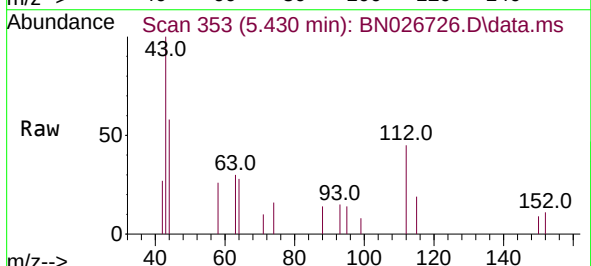
APPROVED

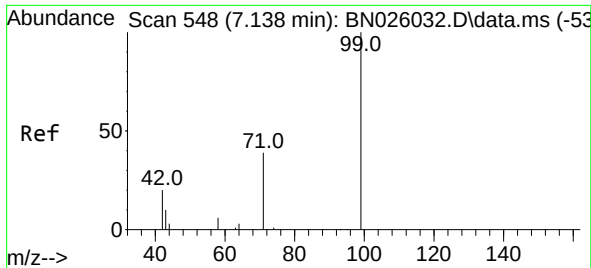
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#4  
2-Fluorophenol  
Concen: 0.352 ng  
RT: 5.430 min Scan# 353  
Delta R.T. 0.015 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

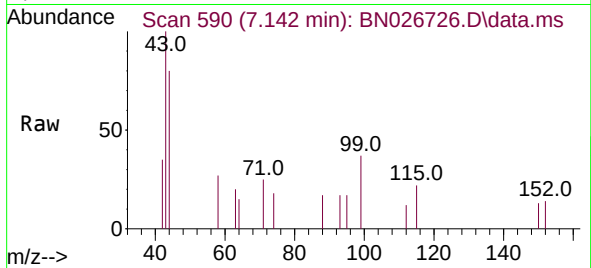
Tgt Ion:112 Resp: 1073  
Ion Ratio Lower Upper  
112 100  
64 52.7 45.8 68.6  
63 32.7 27.4 41.2





#5  
Phenol-d6  
Concen: 0.275 ng m  
RT: 7.142 min Scan# 548  
Delta R.T. 0.101 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

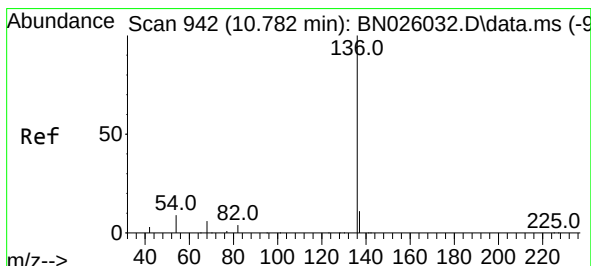
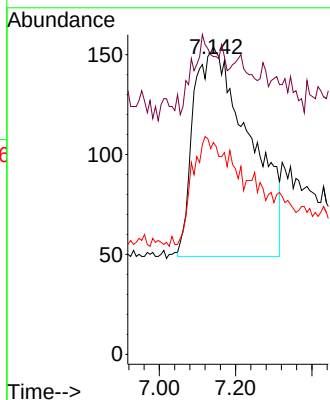
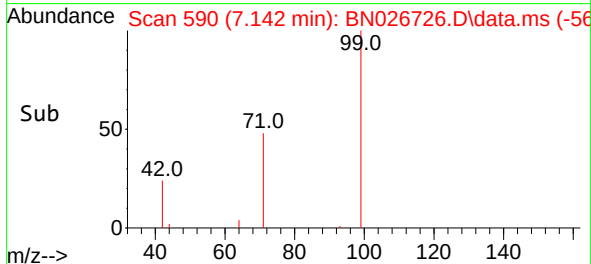
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL



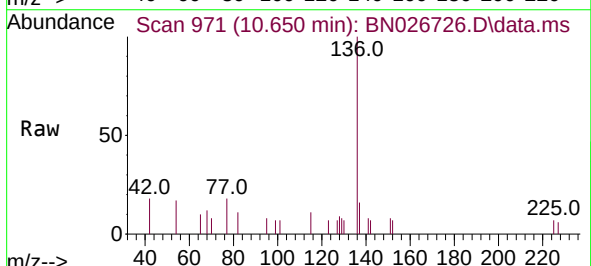
Tgt Ion: 99 Resp: 106  
Ion Ratio Lower Upper  
99 100  
42 0.0 18.4 27.6  
71 0.0 30.6 46.0

Manual Integrations  
APPROVED

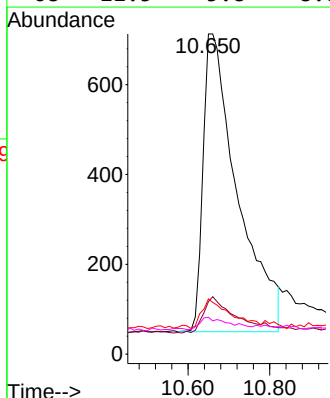
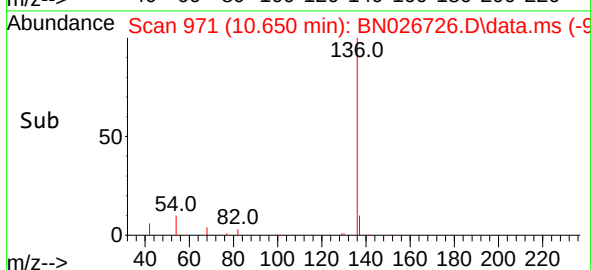
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

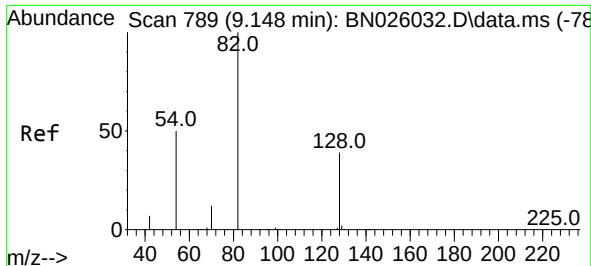


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.650 min Scan# 971  
Delta R.T. 0.021 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59



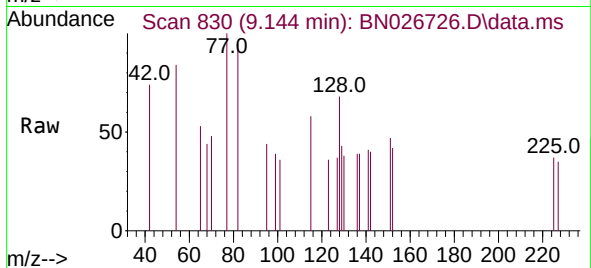
Tgt Ion:136 Resp: 3881  
Ion Ratio Lower Upper  
136 100  
137 16.4 9.0 13.4#  
54 17.3 7.8 11.6#  
68 11.5 5.8 8.8#





#8  
Nitrobenzene-d5  
Concen: 0.309 ng m  
RT: 9.144 min Scan# 81  
Delta R.T. 0.107 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

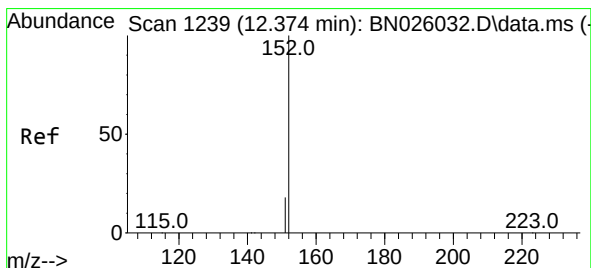
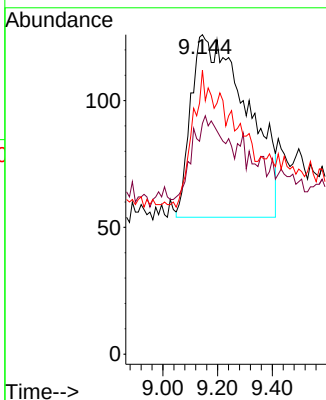
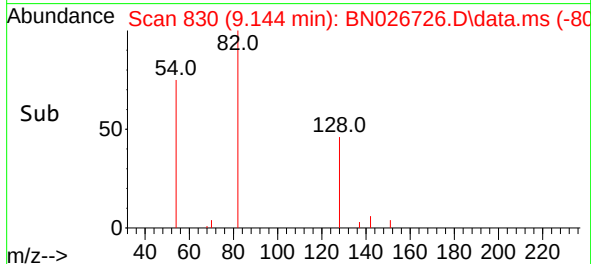
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL



Tgt Ion: 82 Resp: 1024  
Ion Ratio Lower Upper  
82 100  
128 72.2 33.4 50.2  
54 88.9 41.7 62.5

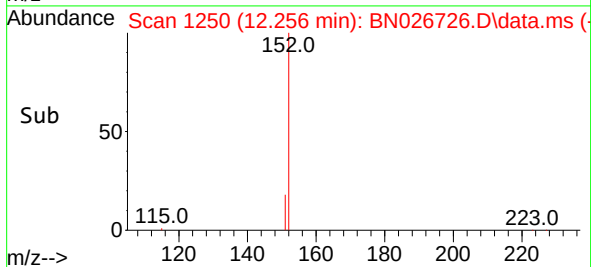
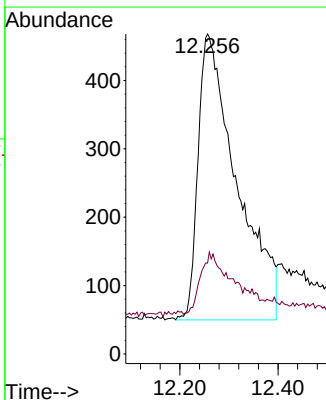
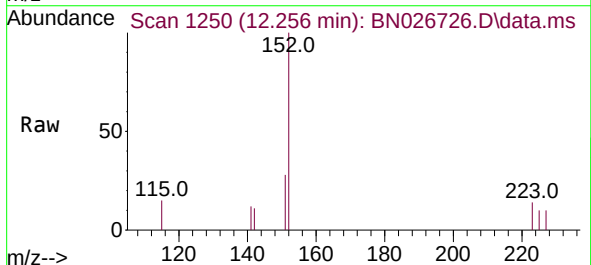
Manual Integrations  
APPROVED

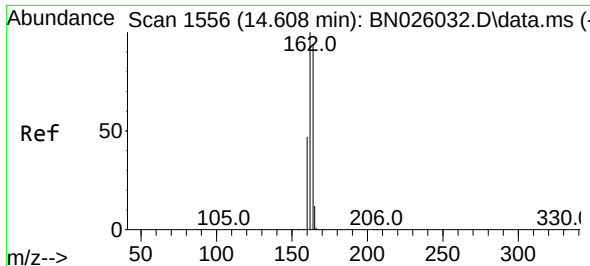
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#11  
2-Methylnaphthalene-d10  
Concen: 0.403 ng  
RT: 12.256 min Scan# 1250  
Delta R.T. 0.027 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

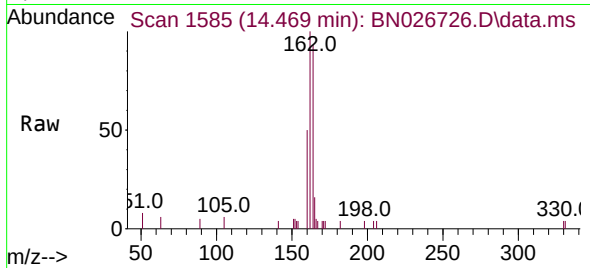
Tgt Ion:152 Resp: 2287  
Ion Ratio Lower Upper  
152 100  
151 15.2 16.2 24.2#





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.469 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

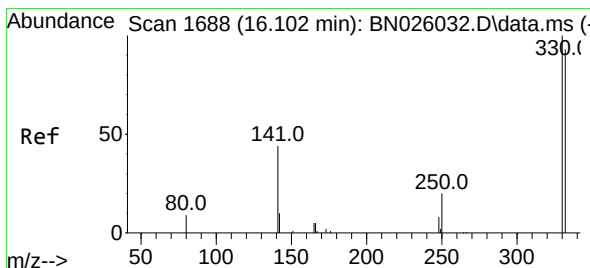
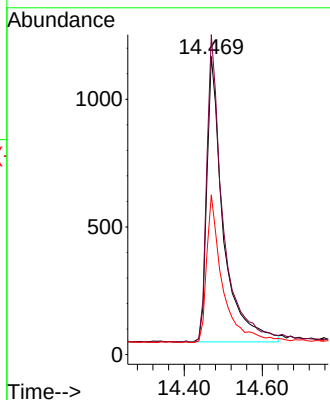
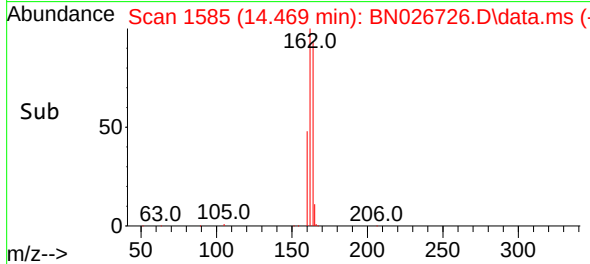
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL



Tgt Ion:164 Resp: 324  
Ion Ratio Lower Upper  
164 100  
162 107.4 85.3 127.9  
160 53.6 40.0 60.0

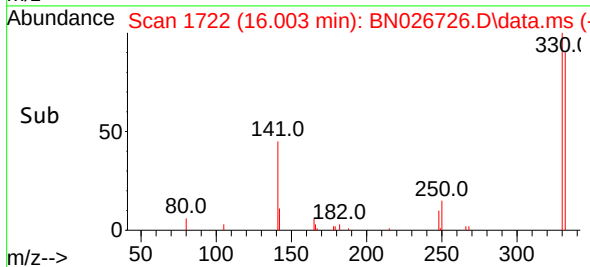
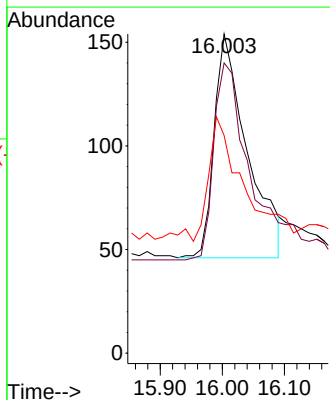
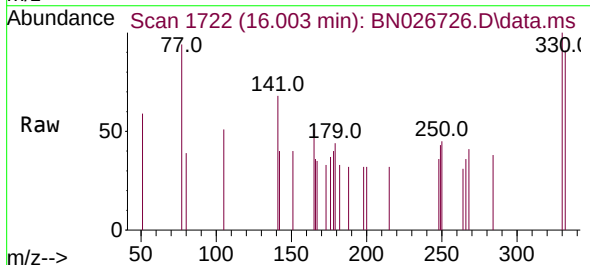
Manual Integrations  
APPROVED

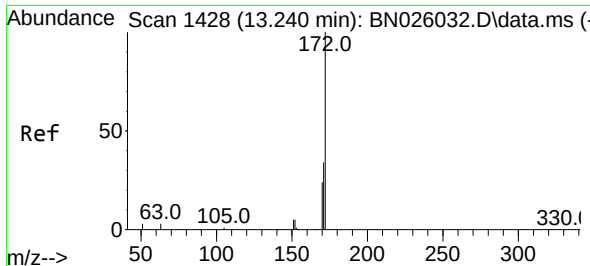
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#14  
2,4,6-Tribromophenol  
Concen: 0.339 ng  
RT: 16.003 min Scan# 1722  
Delta R.T. 0.025 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

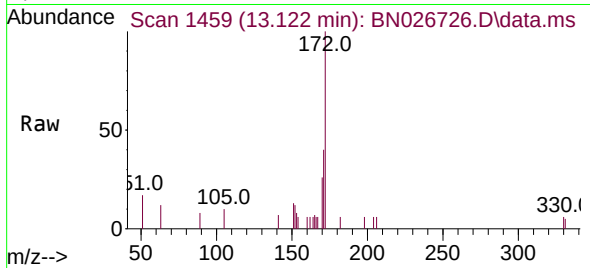
Tgt Ion:330 Resp: 400  
Ion Ratio Lower Upper  
330 100  
332 91.0 76.0 114.0  
141 52.5 42.8 64.2





#15  
2-Fluorobiphenyl  
Concen: 0.307 ng m  
RT: 13.122 min Scan# 1428  
Delta R.T. 0.021 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

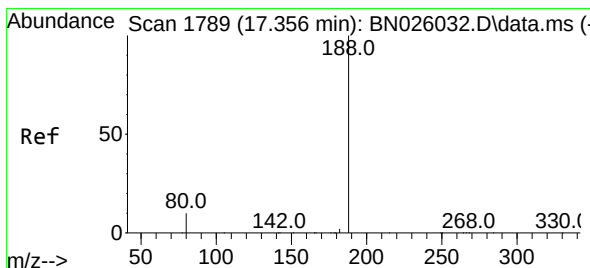
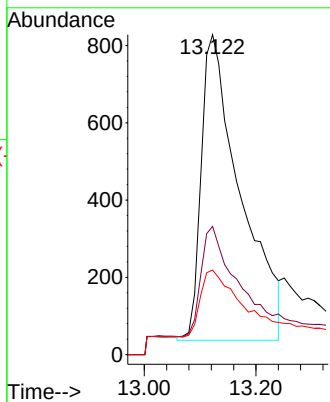
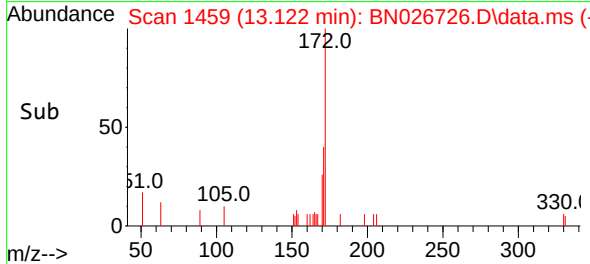
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL



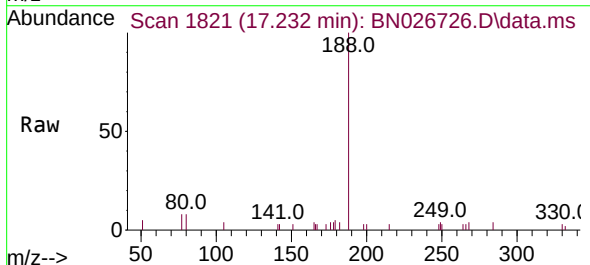
Tgt Ion:172 Resp: 385  
Ion Ratio Lower Upper  
172 100  
171 40.1 27.8 41.8  
170 26.4 19.3 28.9

Manual Integrations  
APPROVED

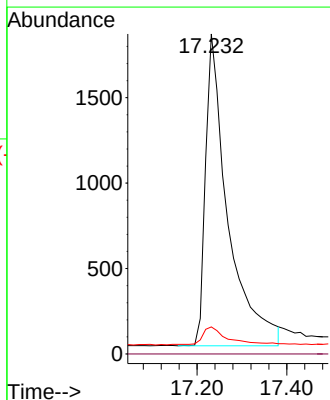
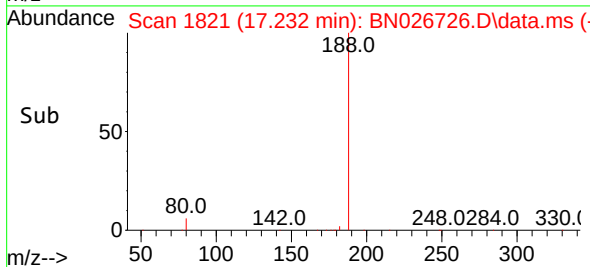
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

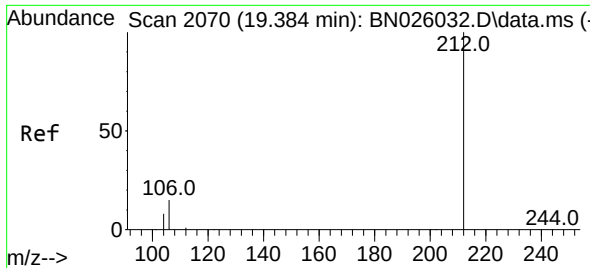


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.232 min Scan# 1821  
Delta R.T. 0.013 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59



Tgt Ion:188 Resp: 6306  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.4 8.6 13.0#





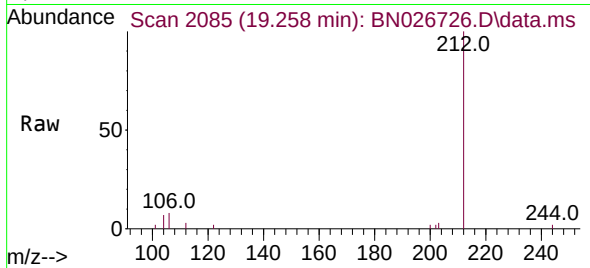
#27  
Fluoranthene-d10  
Concen: 0.476 ng  
RT: 19.258 min Scan# 2070  
Delta R.T. 0.009 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

Instrument :

BNA\_N

ClientSampleId :

PB154197BL



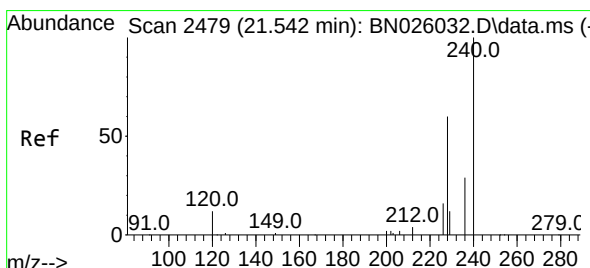
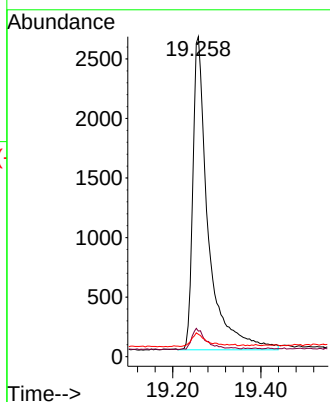
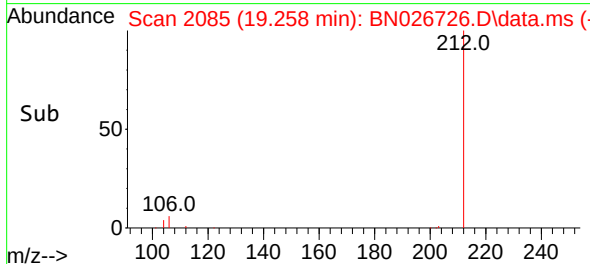
Tgt Ion:212 Resp: 636  
Ion Ratio Lower Upper  
212 100  
106 6.2 11.6 17.4  
104 4.1 7.2 10.8

Manual Integrations

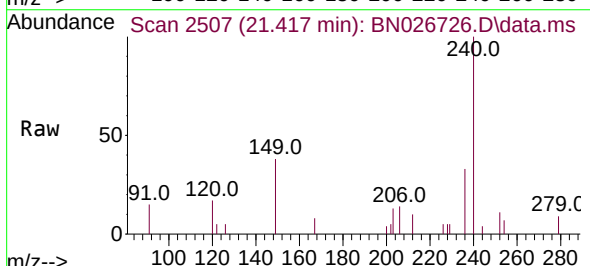
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

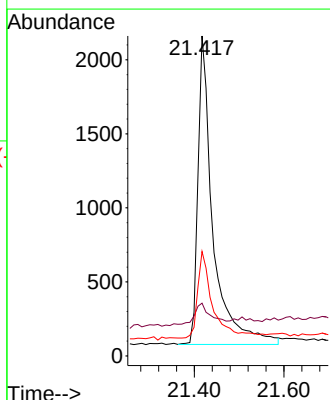
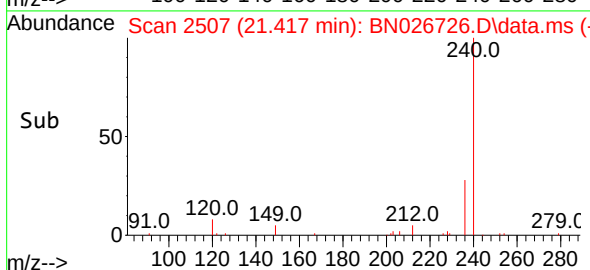
Supervised By :mohammad ahmed 07/25/2023



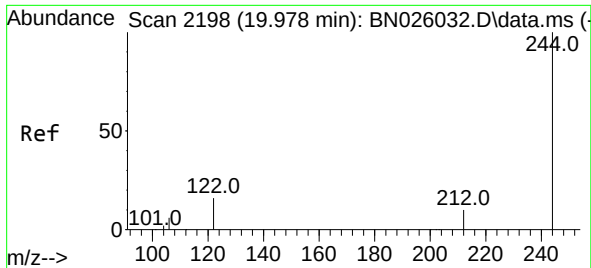
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.417 min Scan# 2507  
Delta R.T. 0.009 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59



Tgt Ion:240 Resp: 4859  
Ion Ratio Lower Upper  
240 100  
120 16.5 14.6 22.0  
236 32.7 24.2 36.2

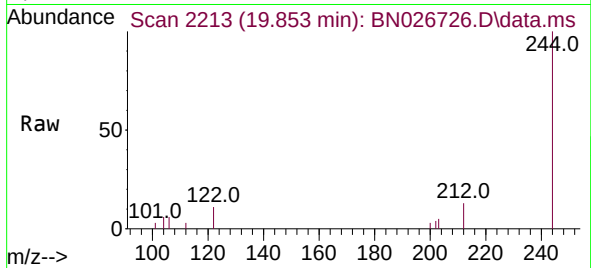






#31  
Terphenyl-d14  
Concen: 0.384 ng  
RT: 19.853 min Scan# 2198  
Delta R.T. 0.005 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

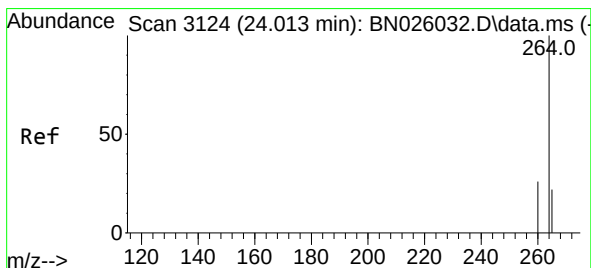
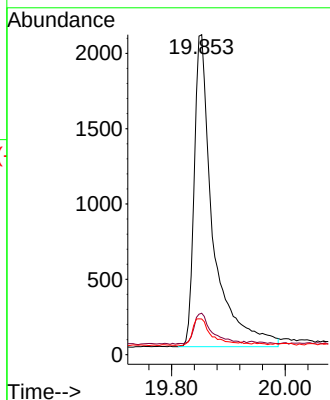
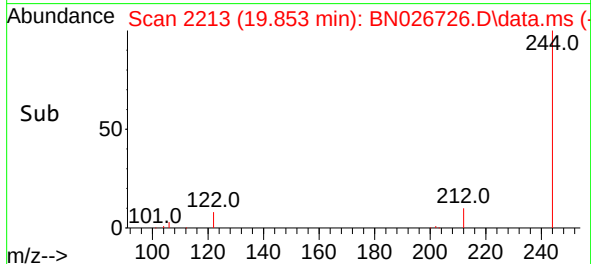
Instrument :  
BNA\_N  
ClientSampleId :  
PB154197BL



Tgt Ion:244 Resp: 4774  
Ion Ratio Lower Upper  
244 100  
212 12.9 8.7 13.1  
122 11.2 13.7 20.5

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.785 min Scan# 3088  
Delta R.T. 0.003 min  
Lab File: BN026726.D  
Acq: 24 Jul 2023 23:59

Tgt Ion:264 Resp: 5804  
Ion Ratio Lower Upper  
264 100  
260 29.2 21.9 32.9  
265 105.0 80.3 120.5

