

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027565.D  
 Acq On : 11 Sep 2023 07:23  
 Operator : MA/JU  
 Sample : 04251-02  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-51.5-083023

Quant Time: Sep 11 07:54:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/13/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|-------|-------|------------|
| -----                         |        |      |          |       |       |            |
| Internal Standards            |        |      |          |       |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 5889     | 0.400 | ng    | 0.00       |
| 7) Naphthalene-d8             | 10.853 | 136  | 17406    | 0.400 | ng    | 0.00       |
| 13) Acenaphthene-d10          | 14.662 | 164  | 10827    | 0.400 | ng    | 0.00       |
| 19) Phenanthrene-d10          | 17.418 | 188  | 24003m   | 0.400 | ng    | 0.00       |
| 29) Chrysene-d12              | 21.596 | 240  | 15536    | 0.400 | ng    | # 0.00     |
| 35) Perylene-d12              | 24.098 | 264  | 13019    | 0.400 | ng    | 0.00       |
| System Monitoring Compounds   |        |      |          |       |       |            |
| 4) 2-Fluorophenol             | 5.560  | 112  | 3763     | 0.245 | ng    | 0.00       |
| 5) Phenol-d6                  | 7.185  | 99   | 2568     | 0.138 | ng    | 0.00       |
| 8) Nitrobenzene-d5            | 9.230  | 82   | 5751     | 0.453 | ng    | 0.01       |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 10793    | 0.422 | ng    | 0.00       |
| 14) 2,4,6-Tribromophenol      | 16.164 | 330  | 2182     | 0.544 | ng    | 0.01       |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 18871    | 0.458 | ng    | 0.00       |
| 27) Fluoranthene-d10          | 19.435 | 212  | 26707m   | 0.448 | ng    | 0.00       |
| 31) Terphenyl-d14             | 20.020 | 244  | 24022    | 0.770 | ng    | 0.00       |
| Target Compounds              |        |      |          |       |       |            |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 1713     | 0.067 | ng    | Qvalue 100 |
| -----                         |        |      |          |       |       |            |

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

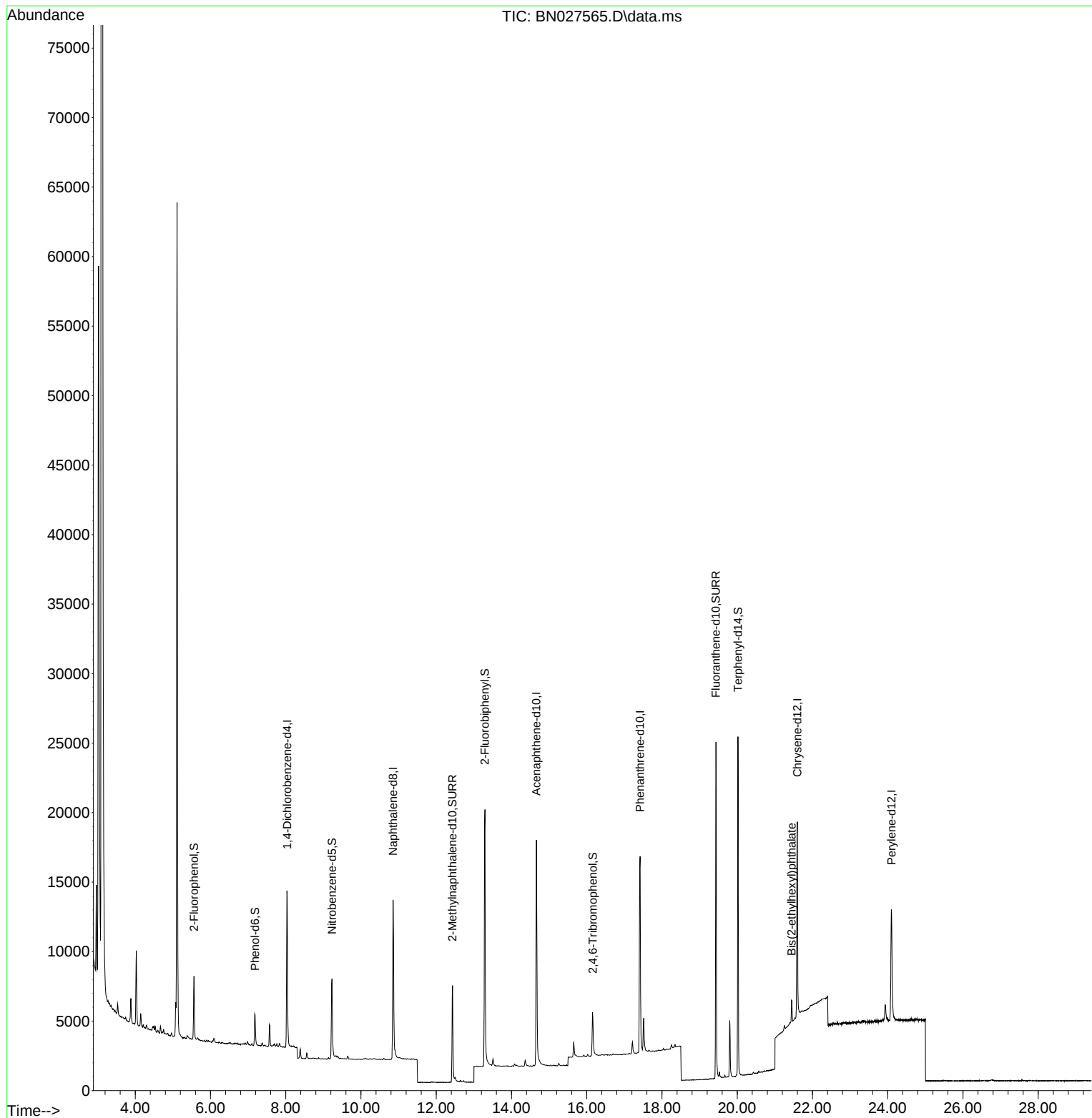
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
Data File : BN027565.D  
Acq On : 11 Sep 2023 07:23  
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ALS Vial : 76 Sample Multiplier: 1

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OW-03B-51.5-083023

Quant Time: Sep 11 07:54:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 11 05:26:09 2023  
Response via : Initial Calibration

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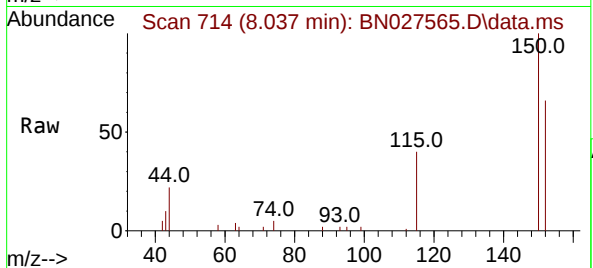
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.037 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

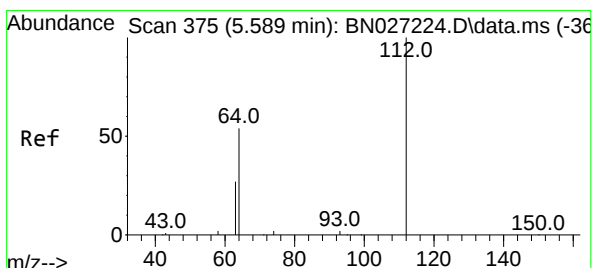
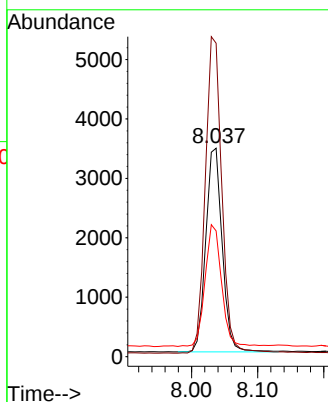
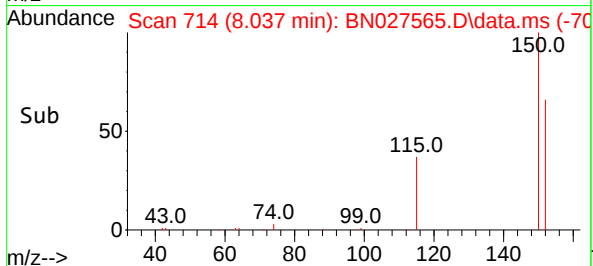
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023



Tgt Ion:152 Resp: 5889  
Ion Ratio Lower Upper  
152 100  
150 150.4 122.7 184.1  
115 60.3 48.6 73.0

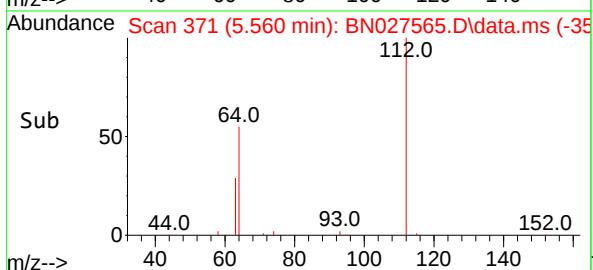
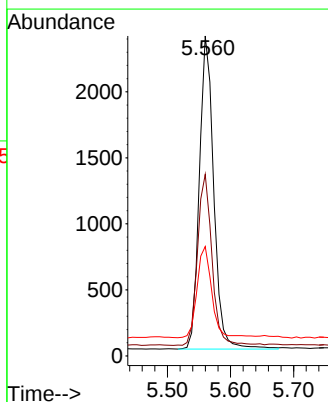
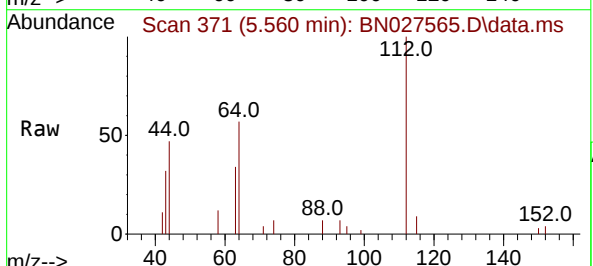
Manual Integrations  
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Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023



#4  
2-Fluorophenol  
Concen: 0.245 ng  
RT: 5.560 min Scan# 371  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

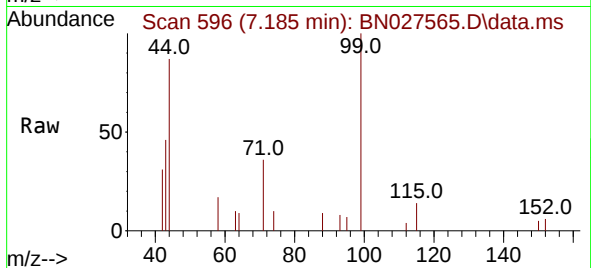
Tgt Ion:112 Resp: 3763  
Ion Ratio Lower Upper  
112 100  
64 55.0 44.4 66.6  
63 29.8 23.1 34.7





#5  
Phenol-d6  
Concen: 0.138 ng  
RT: 7.185 min Scan# 599  
Delta R.T. 0.007 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

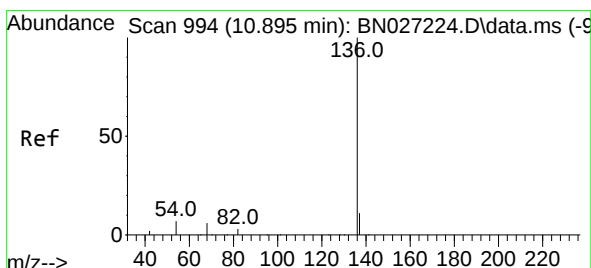
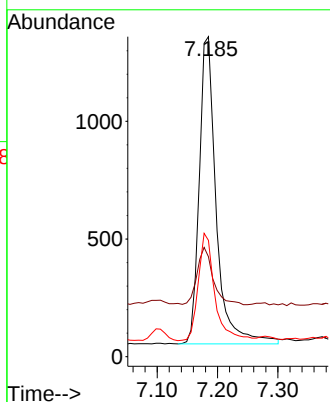
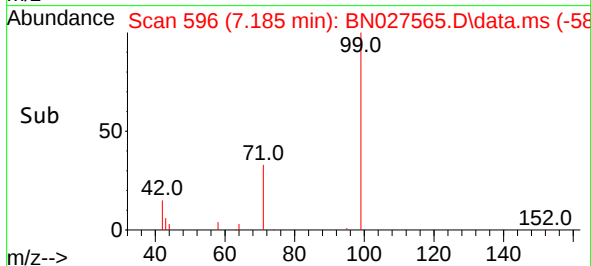
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023



Tgt Ion: 99 Resp: 2568  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.5 21.7  
71 33.7 25.8 38.6

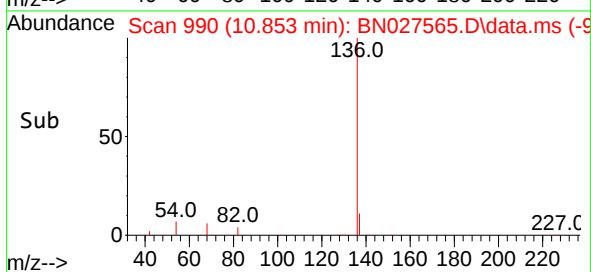
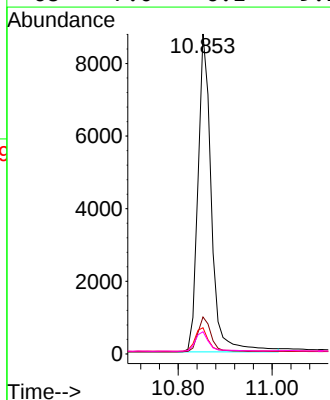
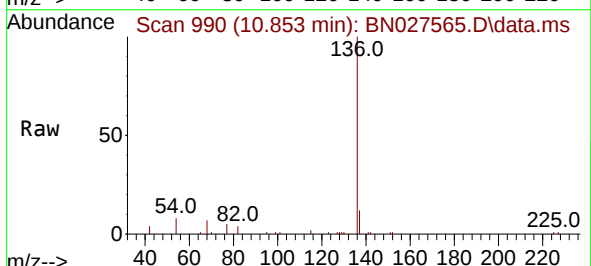
Manual Integrations  
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Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

Tgt Ion:136 Resp: 17406  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.3 13.9  
54 8.2 6.7 10.1  
68 7.0 6.1 9.1





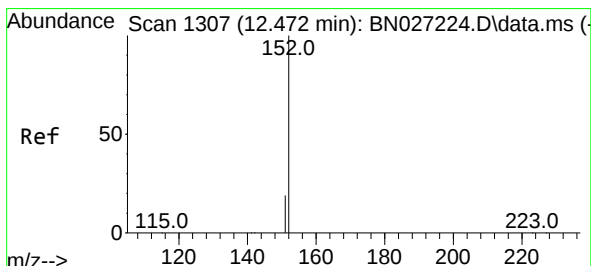
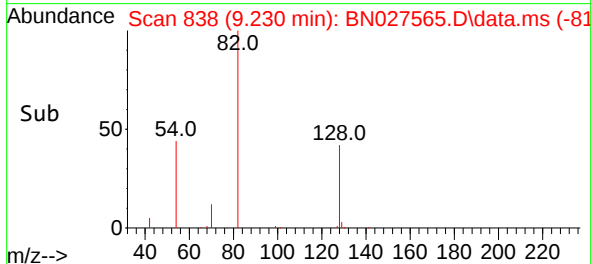
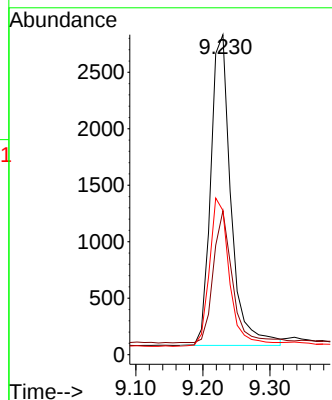
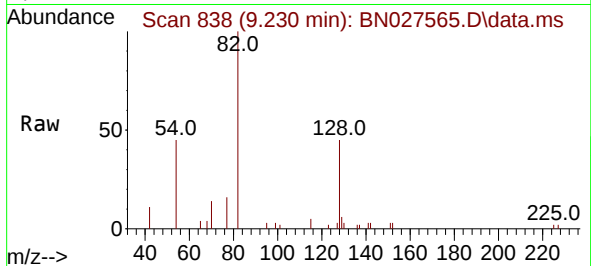
#8  
Nitrobenzene-d5  
Concen: 0.453 ng  
RT: 9.230 min Scan# 81  
Delta R.T. 0.011 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023

Tgt Ion: 82 Resp: 575  
Ion Ratio Lower Upper  
82 100  
128 45.0 33.4 50.0  
54 45.1 37.7 56.5

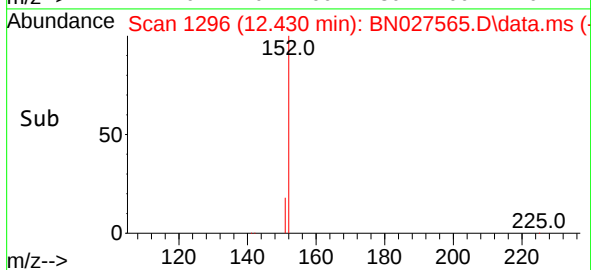
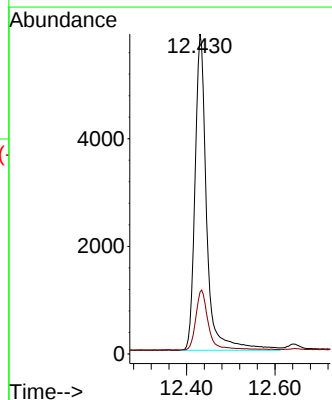
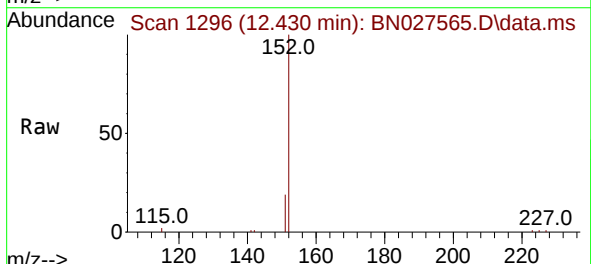
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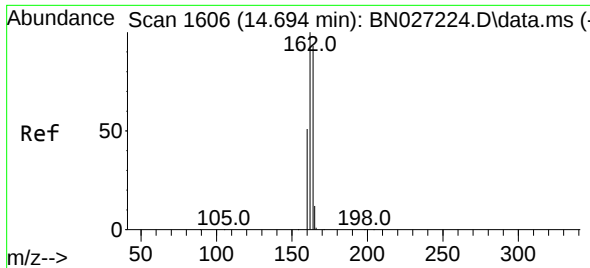
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023



#11  
2-Methylnaphthalene-d10  
Concen: 0.422 ng  
RT: 12.430 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

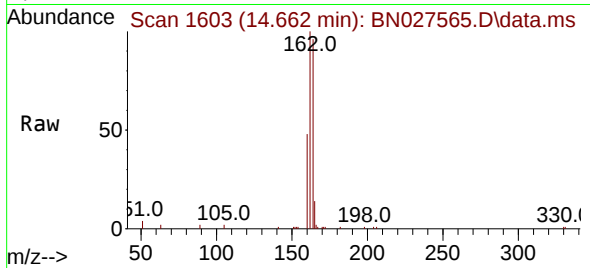
Tgt Ion:152 Resp: 10793  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.6 25.0





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.662 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

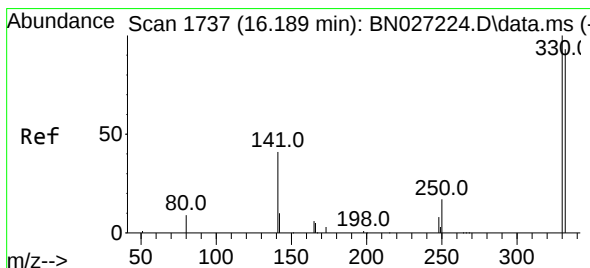
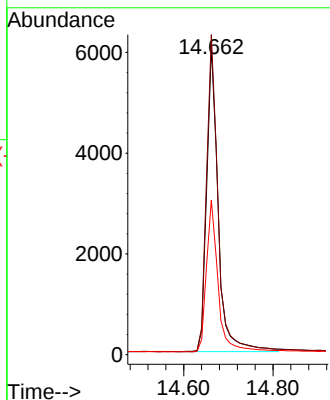
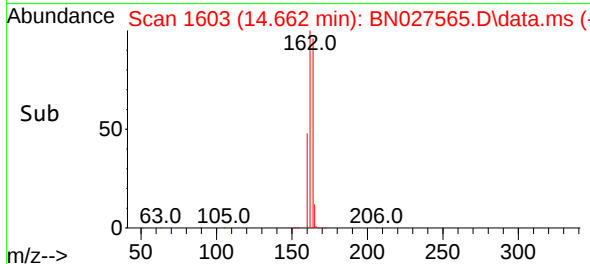
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023



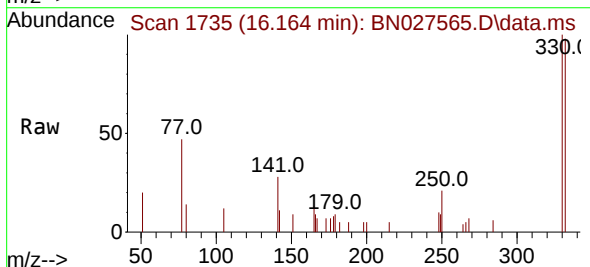
Tgt Ion:164 Resp: 1082  
Ion Ratio Lower Upper  
164 100  
162 104.0 85.8 128.8  
160 50.3 44.2 66.2

Manual Integrations  
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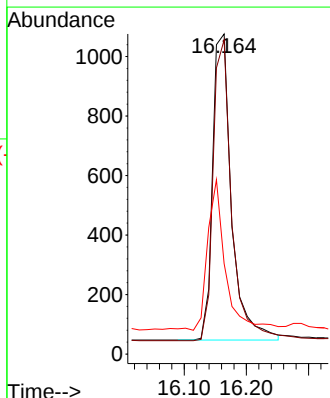
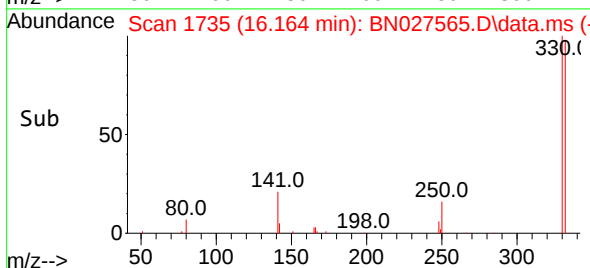
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023

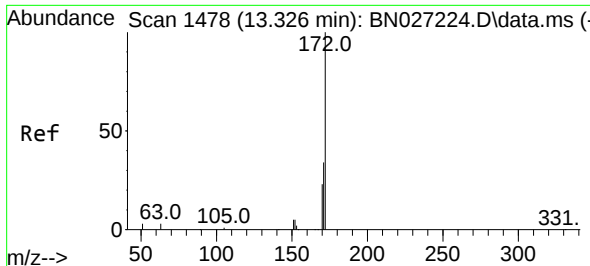


#14  
2,4,6-Tribromophenol  
Concen: 0.544 ng  
RT: 16.164 min Scan# 1735  
Delta R.T. 0.012 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23



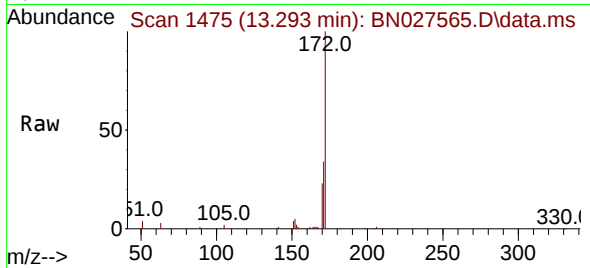
Tgt Ion:330 Resp: 2182  
Ion Ratio Lower Upper  
330 100  
332 96.2 75.2 112.8  
141 44.0 36.2 54.4





#15  
2-Fluorobiphenyl  
Concen: 0.458 ng  
RT: 13.293 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

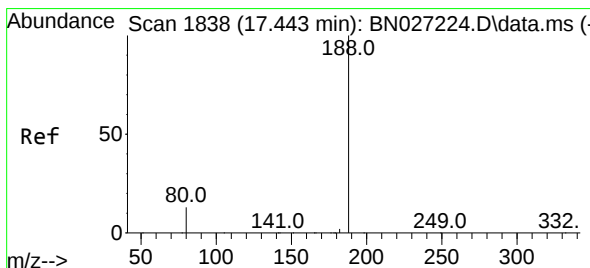
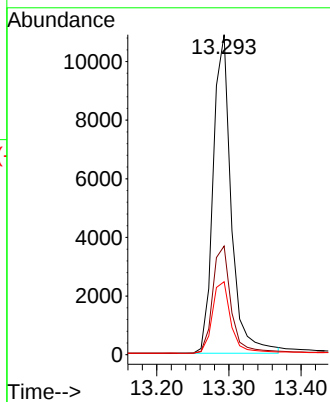
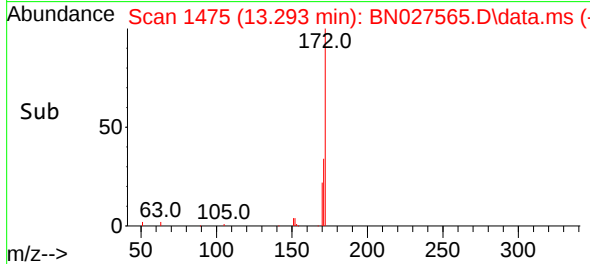
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023



Tgt Ion:172 Resp: 1887  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.8 41.8  
170 22.8 19.3 28.9

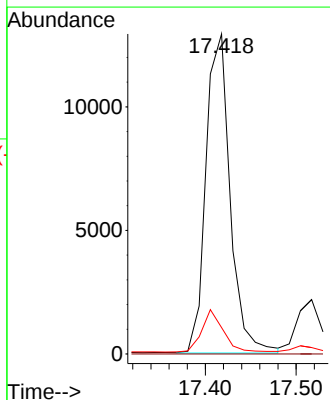
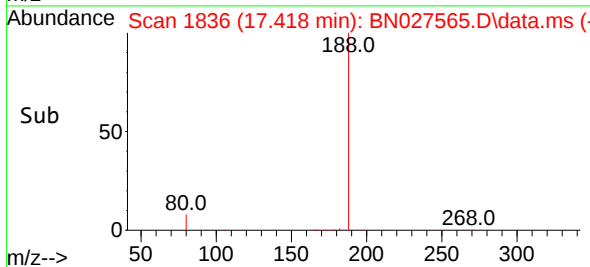
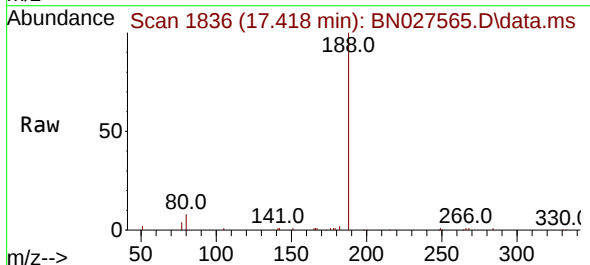
Manual Integrations  
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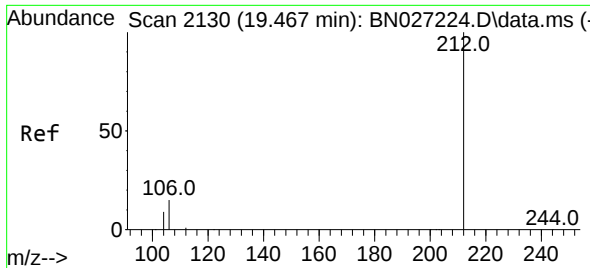
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023



#19  
Phenanthrene-d10  
Concen: 0.400 ng m  
RT: 17.418 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

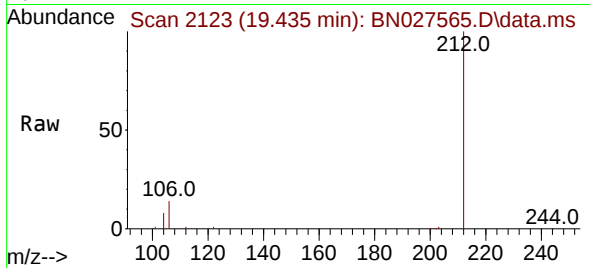
Tgt Ion:188 Resp: 24003  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.3 11.0 16.6#





#27  
Fluoranthene-d10  
Concen: 0.448 ng m  
RT: 19.435 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

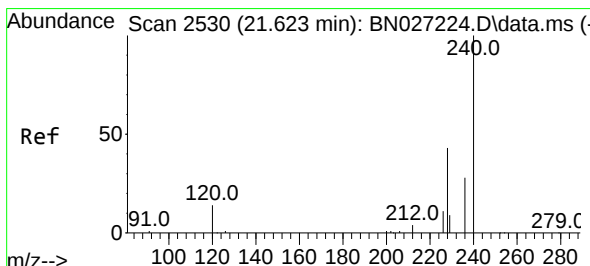
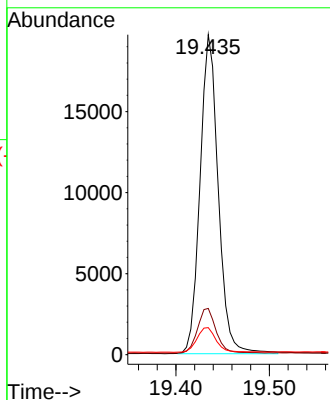
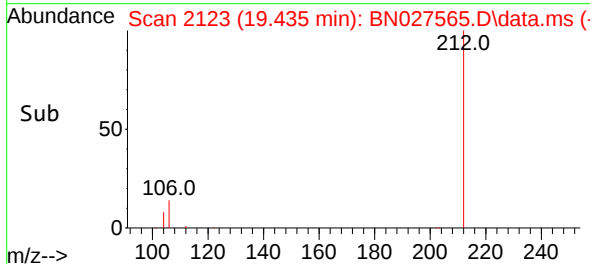
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-51.5-083023



Tgt Ion:212 Resp: 2670  
Ion Ratio Lower Upper  
212 100  
106 0.0 12.1 18.1  
104 0.0 6.9 10.3

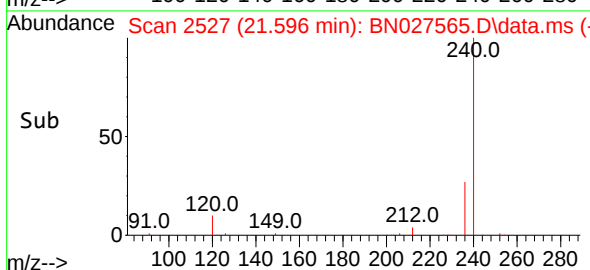
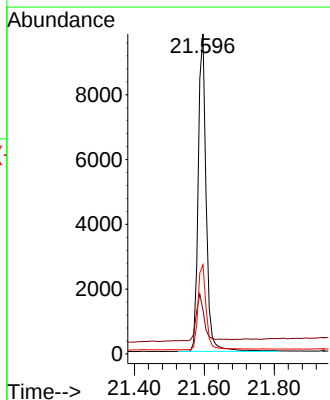
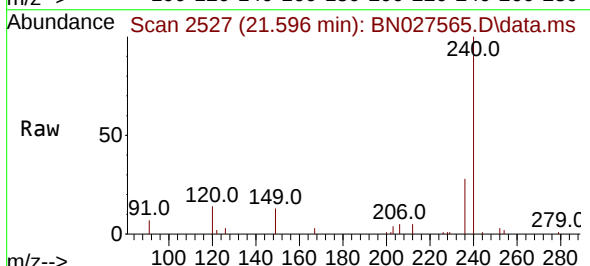
Manual Integrations  
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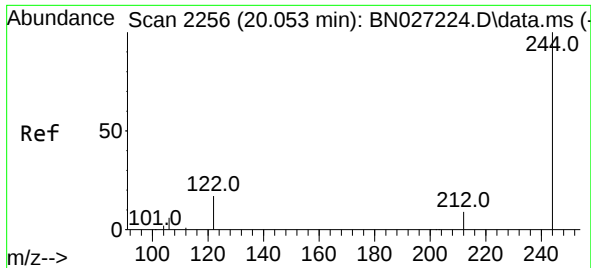
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/13/2023



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.596 min Scan# 2527  
Delta R.T. 0.009 min  
Lab File: BN027565.D  
Acq: 11 Sep 2023 07:23

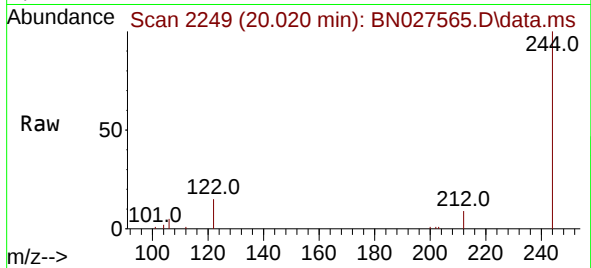
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Ion Ratio Lower Upper  
240 100  
120 13.6 14.2 21.4  
236 27.9 22.9 34.3





#31  
 Terphenyl-d14  
 Concen: 0.770 ng  
 RT: 20.020 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN027565.D  
 Acq: 11 Sep 2023 07:23

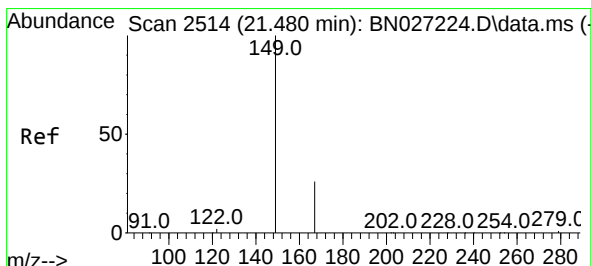
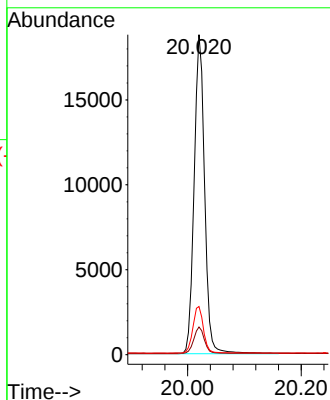
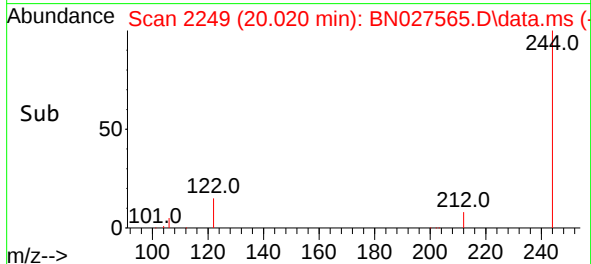
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-51.5-083023



Tgt Ion:244 Resp: 2402  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 7.5 11.3  
 122 15.1 14.0 21.0

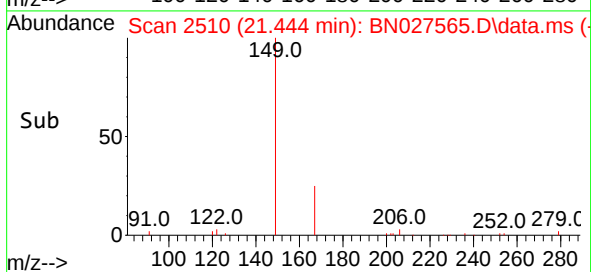
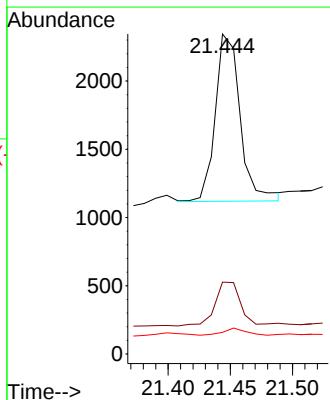
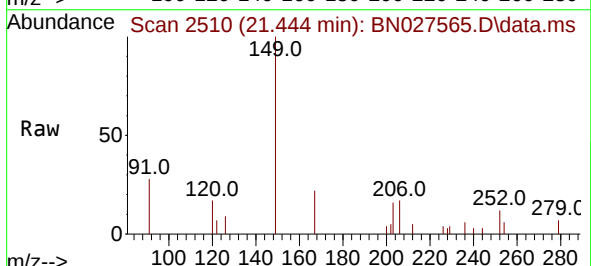
Manual Integrations  
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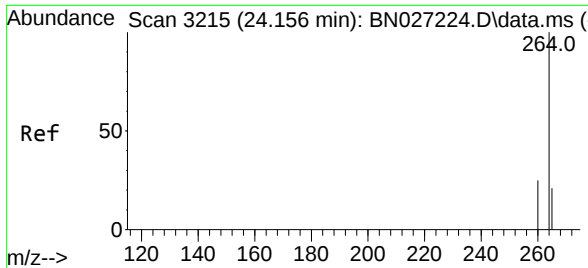
Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/13/2023



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.067 ng  
 RT: 21.444 min Scan# 2510  
 Delta R.T. -0.000 min  
 Lab File: BN027565.D  
 Acq: 11 Sep 2023 07:23

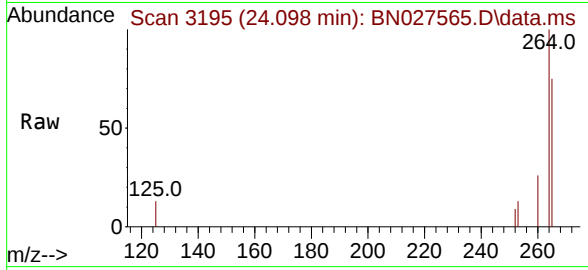
Tgt Ion:149 Resp: 1713  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 22.1 33.1  
 279 4.0 2.7 4.1





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.098 min Scan# 3119  
 Delta R.T. 0.003 min  
 Lab File: BN027565.D  
 Acq: 11 Sep 2023 07:23

Instrument : BNA\_N  
 ClientSampleId : OW-03B-51.5-083023



Tgt Ion: 264 Resp: 13019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.1  | 20.7  | 31.1  |
| 265 | 74.5  | 53.3  | 79.9  |

Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/13/2023

