

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044607.D
 Acq On : 13 Mar 2024 21:00
 Operator : MA/JU
 Sample : P1723-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 02:40:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	277833	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1023220	20.000	ng	0.02
39) Acenaphthene-d10	14.351	164	591769	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1096341	20.000	ng	0.00
76) Chrysene-d12	21.303	240	856326	20.000	ng	0.00
86) Perylene-d12	23.550	264	1047588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	572702m	29.596	ng	0.02
7) Phenol-d6	7.593	99	408845m	16.423	ng	0.71
23) Nitrobenzene-d5	8.928	82	1429545	67.306	ng	0.06
42) 2,4,6-Tribromophenol	15.851	330	473617	72.563	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	2892479	67.316	ng	0.00
79) Terphenyl-d14	19.745	244	3106763	63.467	ng	0.00

Target Compounds	Qvalue

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

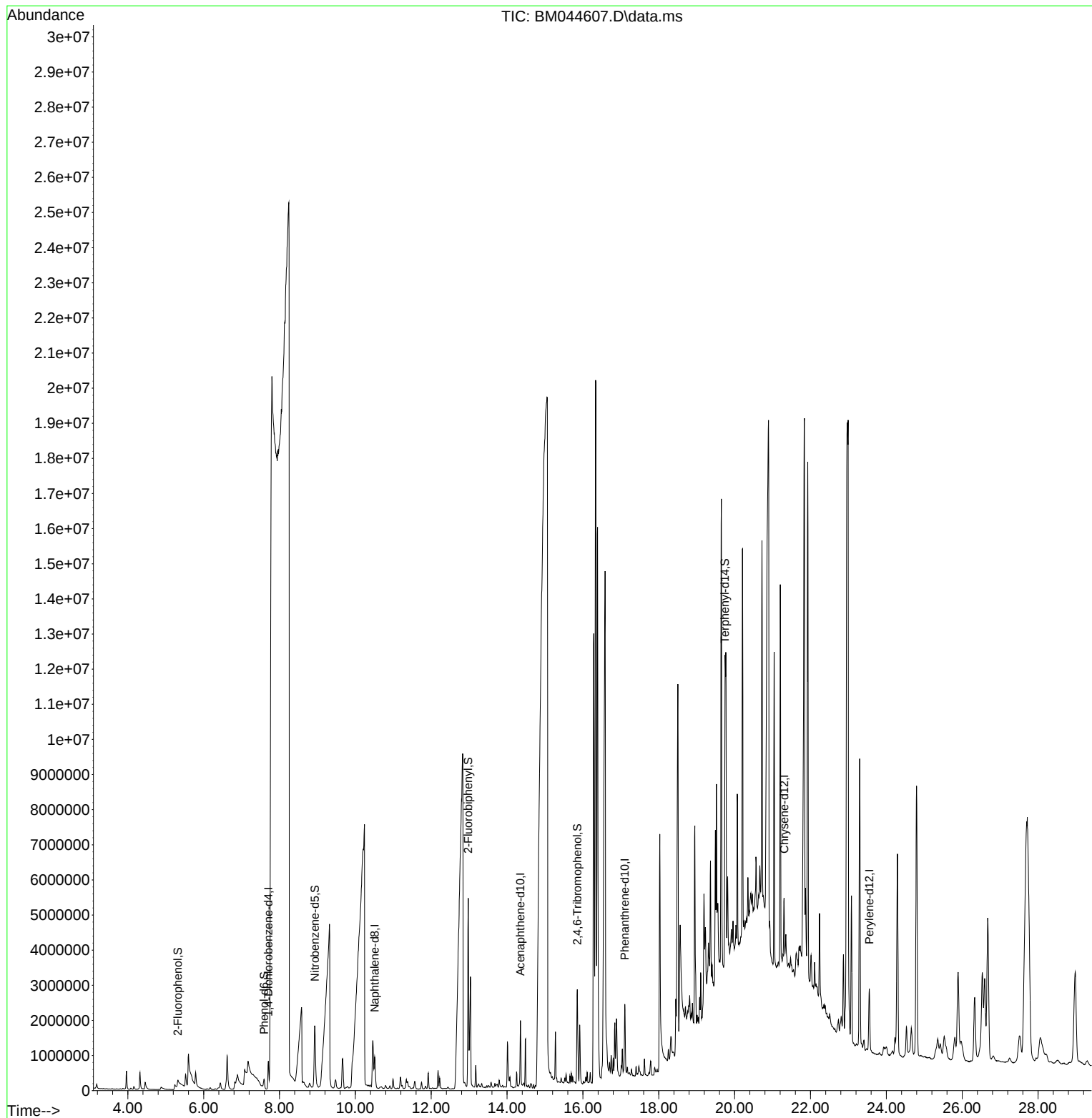
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044607.D
Acq On : 13 Mar 2024 21:00
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ALS Vial : 14 Sample Multiplier: 1

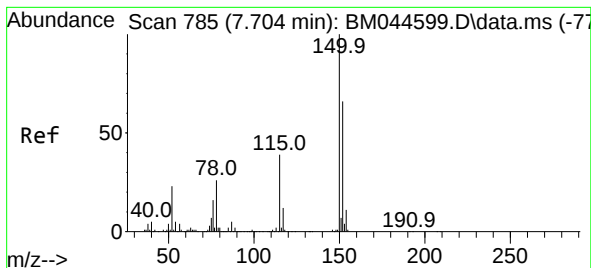
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
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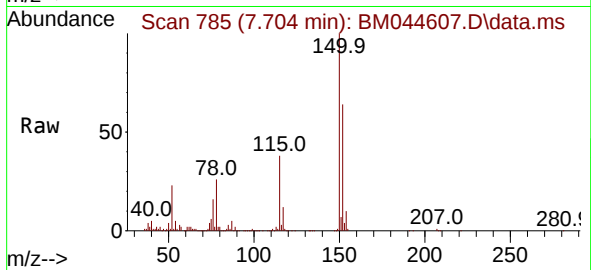
Reviewed By :Yogesh Patel 03/15/2024
Supervised By :mohammad ahmed 03/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

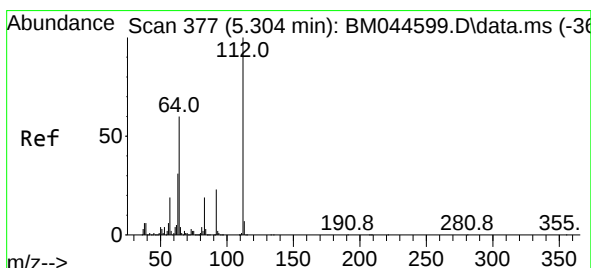
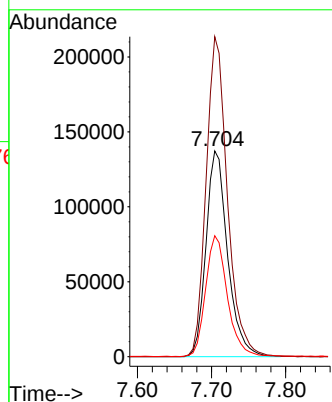
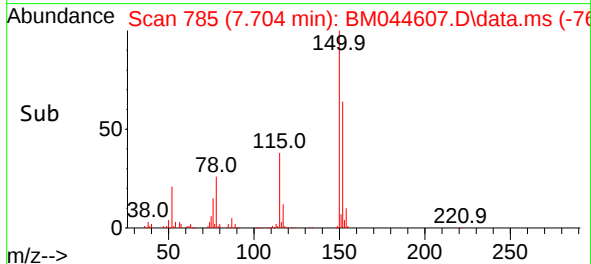
Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion:152 Resp: 27783
Ion Ratio Lower Upper
152 100
150 155.5 121.9 182.9
115 58.8 47.1 70.7

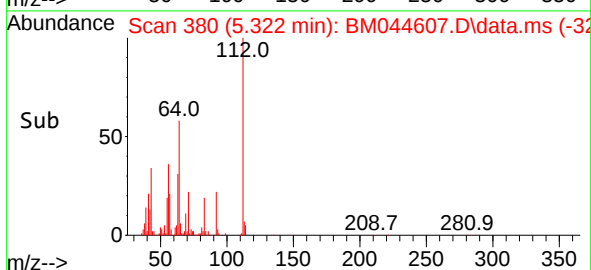
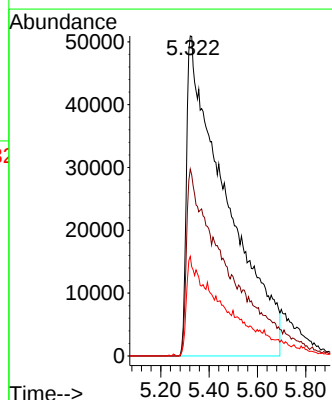
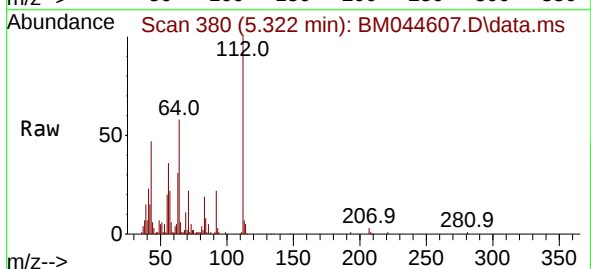
Manual Integrations
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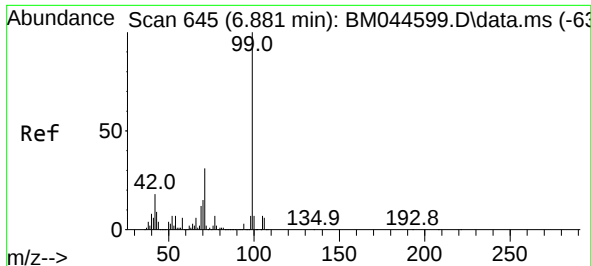
Reviewed By :Yogesh Patel 03/15/2024
Supervised By :mohammad ahmed 03/15/2024



#5
2-Fluorophenol
Concen: 29.596 ng m
RT: 5.322 min Scan# 380
Delta R.T. 0.018 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

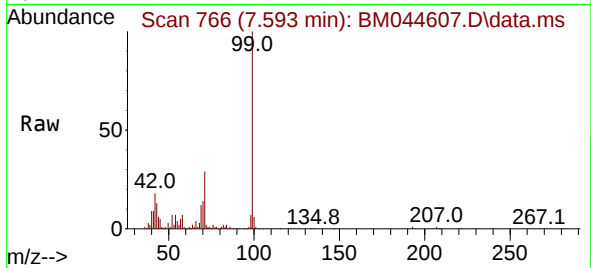
Tgt Ion:112 Resp: 572702
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 31.1 25.0 37.4





#7
Phenol-d6
Concen: 16.423 ng m
RT: 7.593 min Scan# 7
Delta R.T. 0.712 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

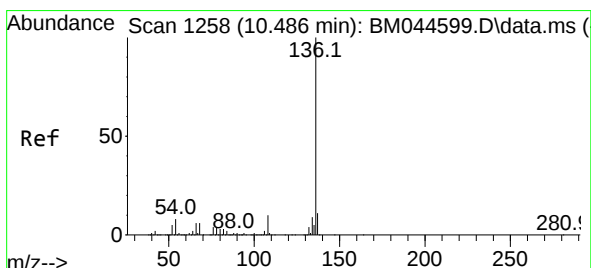
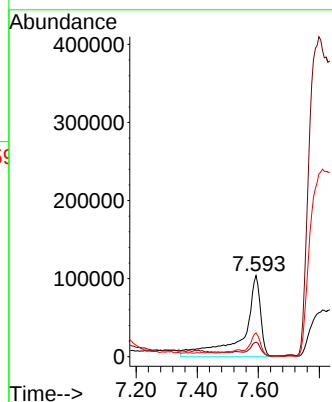
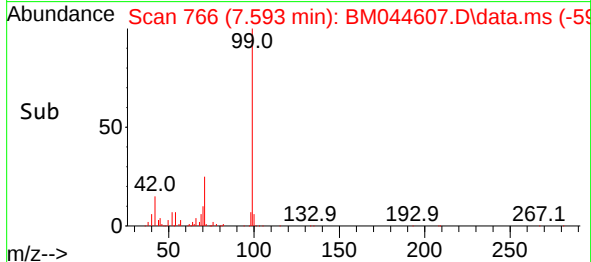
Instrument :
BNA_M
ClientSampleId :
EFF-WW



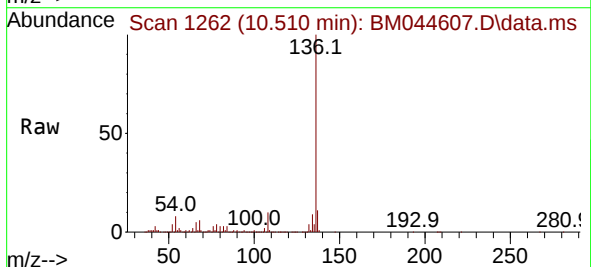
Tgt Ion: 99 Resp: 40884
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 29.3 24.5 36.7

Manual Integrations
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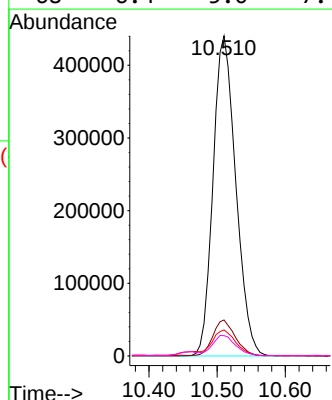
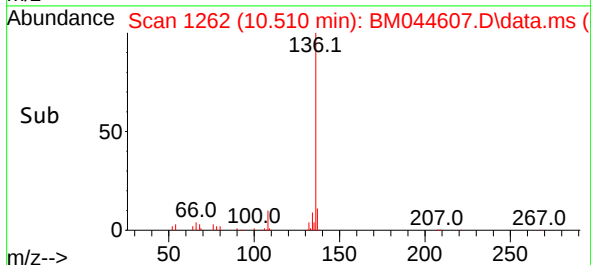
Reviewed By :Yogesh Patel 03/15/2024
Supervised By :mohammad ahmed 03/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.024 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00



Tgt Ion:136 Resp: 1023220
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.1 6.6 10.0
68 6.4 5.0 7.4





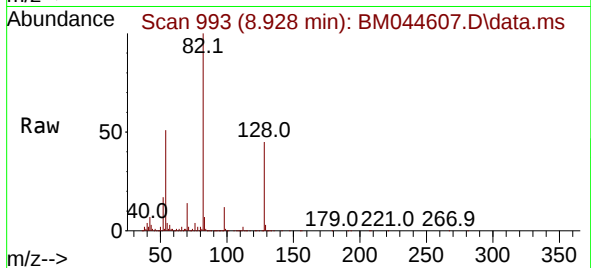
#23
Nitrobenzene-d5
Concen: 67.306 ng
RT: 8.928 min Scan# 91
Delta R.T. 0.065 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW



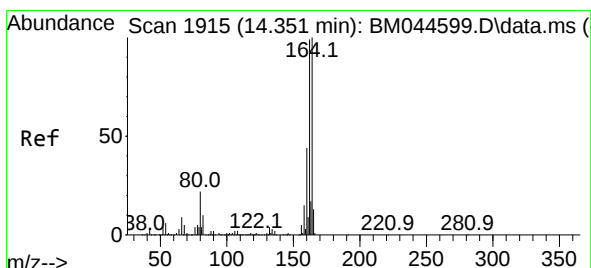
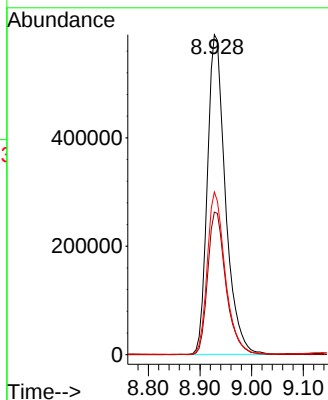
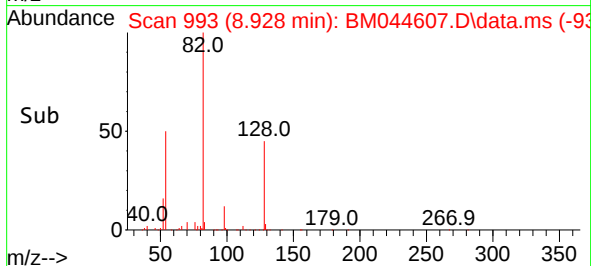
Tgt Ion: 82 Resp: 142954
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 50.8 41.3 61.9

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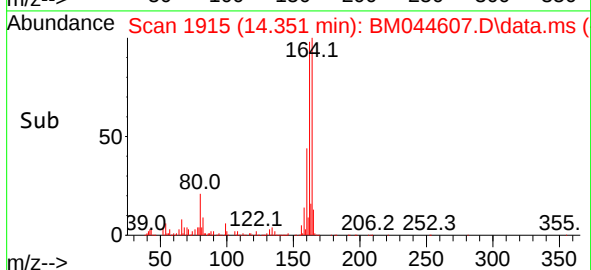
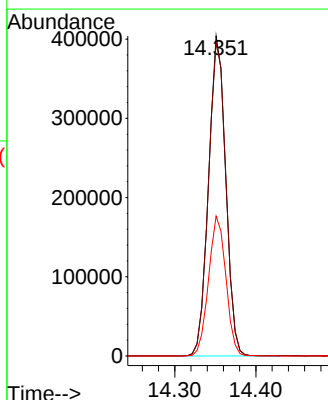
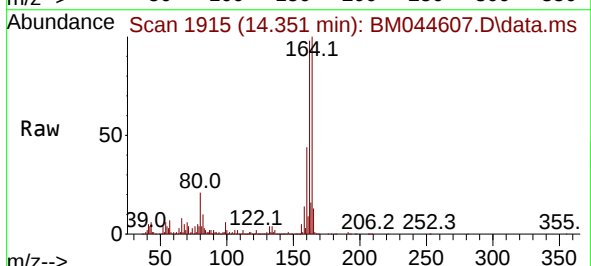
Reviewed By :Yogesh Patel 03/15/2024

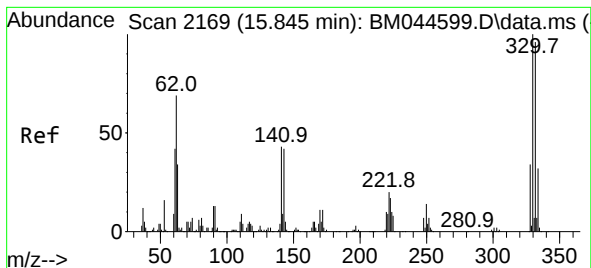
Supervised By :mohammad ahmed 03/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Tgt Ion:164 Resp: 591769
Ion Ratio Lower Upper
164 100
162 97.8 79.3 118.9
160 43.7 35.2 52.8





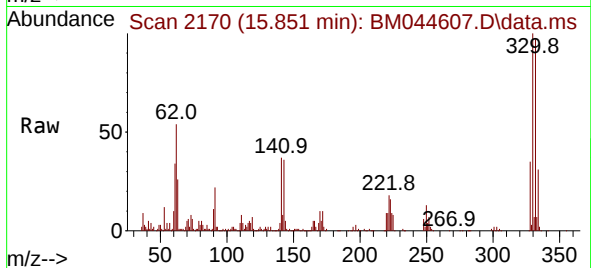
#42
2,4,6-Tribromophenol
Concen: 72.563 ng
RT: 15.851 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW



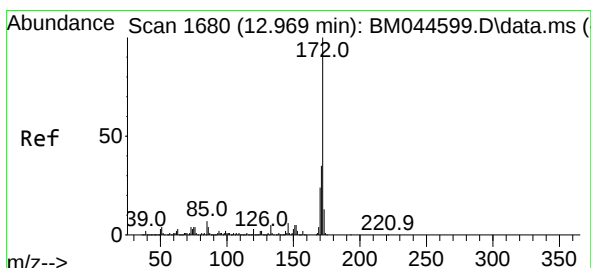
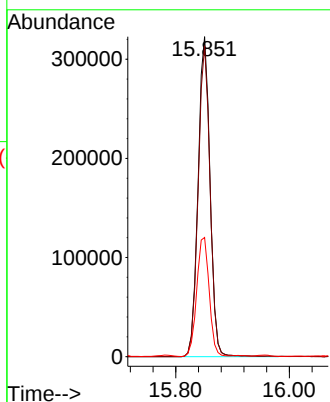
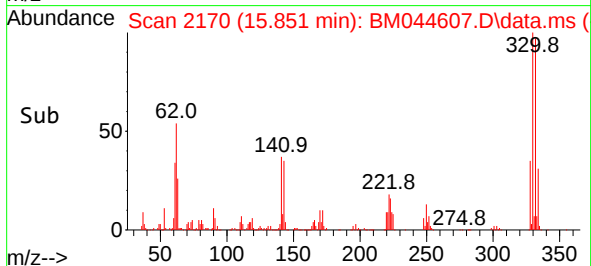
Tgt Ion:330 Resp: 47361
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 38.8 33.4 50.0

Manual Integrations

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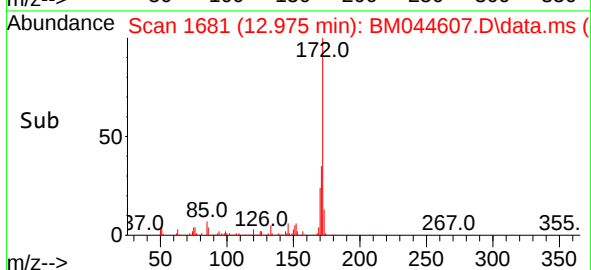
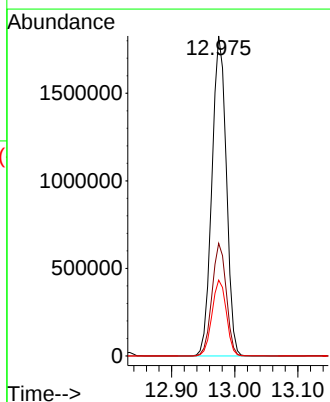
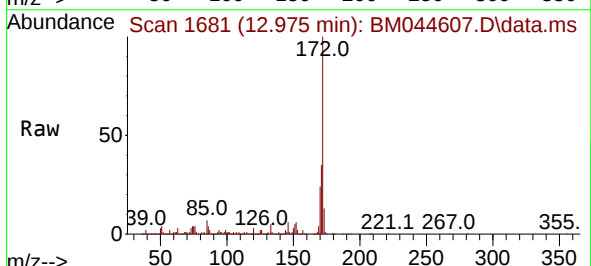
Reviewed By :Yogesh Patel 03/15/2024

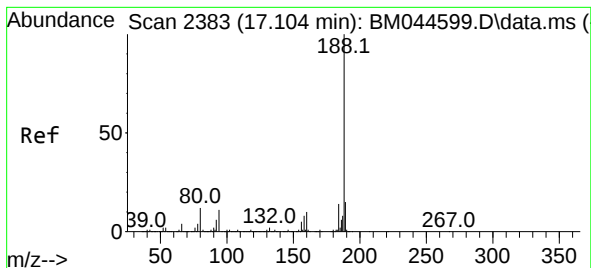
Supervised By :mohammad ahmed 03/15/2024



#45
2-Fluorobiphenyl
Concen: 67.316 ng
RT: 12.975 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

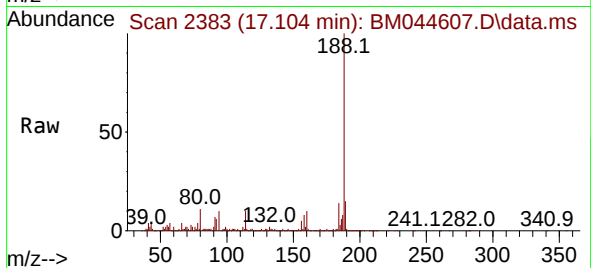
Tgt Ion:172 Resp: 2892479
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

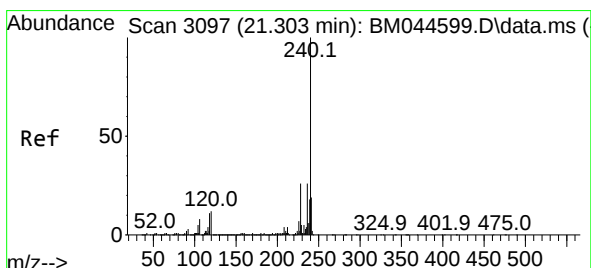
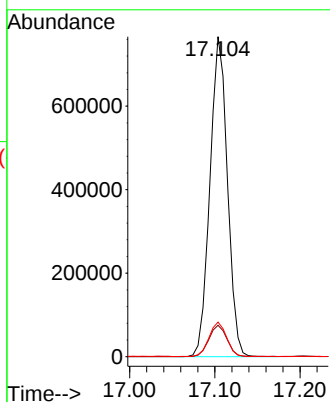
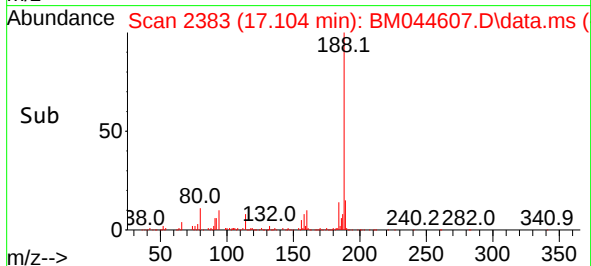
Instrument :
BNA_M
ClientSampleId :
EFF-WW



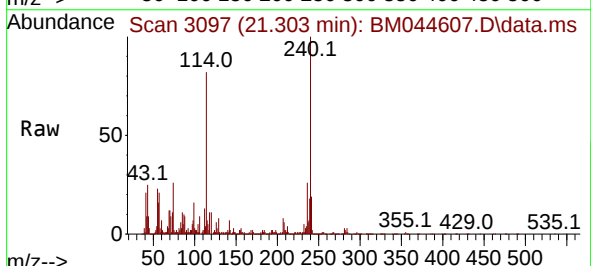
Tgt Ion:188 Resp: 109634
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.8 9.4 14.0

Manual Integrations
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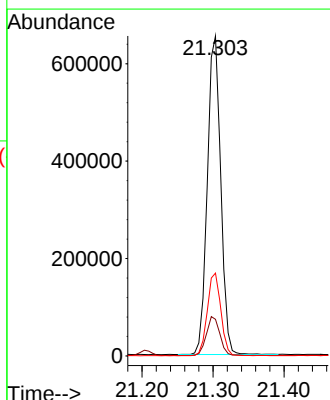
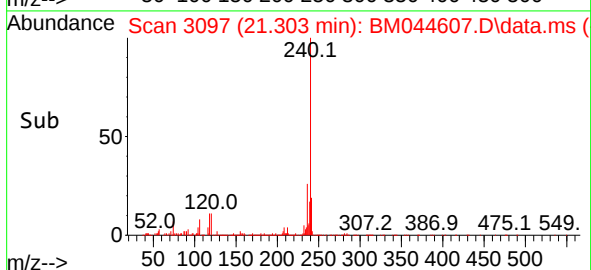
Reviewed By :Yogesh Patel 03/15/2024
Supervised By :mohammad ahmed 03/15/2024

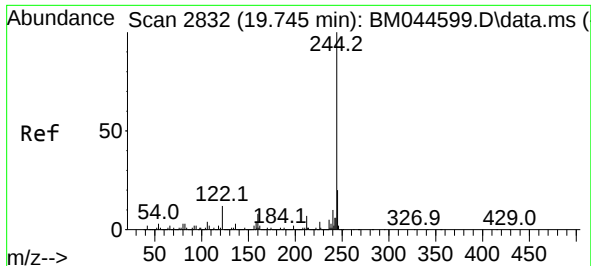


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.303 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00



Tgt Ion:240 Resp: 856326
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.9 21.0 31.4





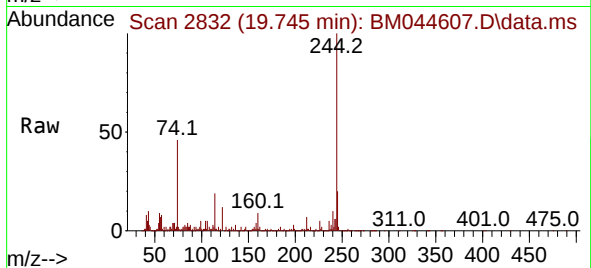
#79
 Terphenyl-d14
 Concen: 63.467 ng
 RT: 19.745 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044607.D
 Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW



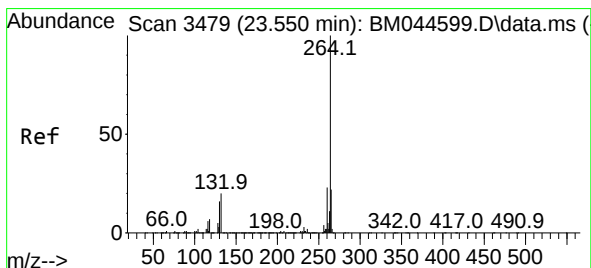
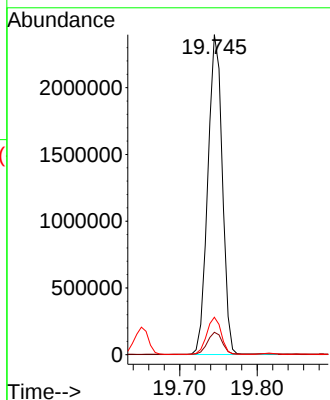
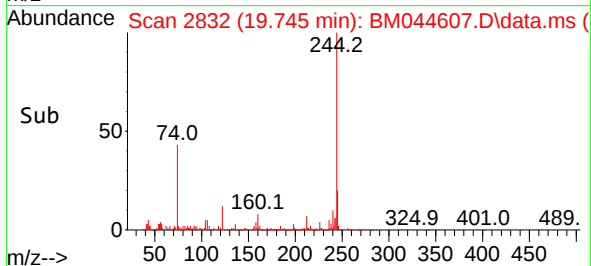
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 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.7 9.7 14.5

Manual Integrations

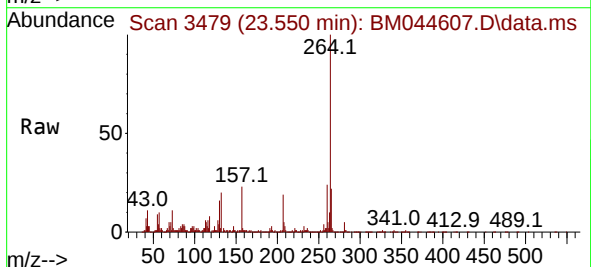
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Reviewed By :Yogesh Patel 03/15/2024

Supervised By :mohammad ahmed 03/15/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.550 min Scan# 3479
 Delta R.T. 0.000 min
 Lab File: BM044607.D
 Acq: 13 Mar 2024 21:00



Tgt Ion:264 Resp: 1047588
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 22.3 17.5 26.3

