

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035761.D
 Acq On : 29 Jun 2022 15:07
 Operator : CG/JU
 Sample : N3374-07RE
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T7RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 02:42:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	4125m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.523	136	64416m	0.400	ng/ul	-0.10
9) Acenaphthene-d10	14.413	164	9613m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.157	188	17830m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.359	240	18902m	0.400	ng/ul	-0.01
23) Perylene-d12	23.683	264	18629m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	28230	5.043	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	12834m	0.127	ng/ul	-0.07
18) Fluoranthene-d10	19.196	212	18723m	0.294	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	17773m	3.210	ng/ul	
5) Naphthalene	10.617	128	8232m	0.042	ng/ul	
11) Acenaphthene	14.473	153	36325m	0.936	ng/ul	
12) Fluorene	15.463	166	58787m	1.314	ng/ul	
15) Phenanthrene	17.199	178	74270m	1.149	ng/ul	
16) Anthracene	17.292	178	112754m	2.100	ng/ul	
19) Fluoranthene	19.224	202	15582m	0.165	ng/ul	
20) Pyrene	19.586	202	20169m	0.190	ng/ul	

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

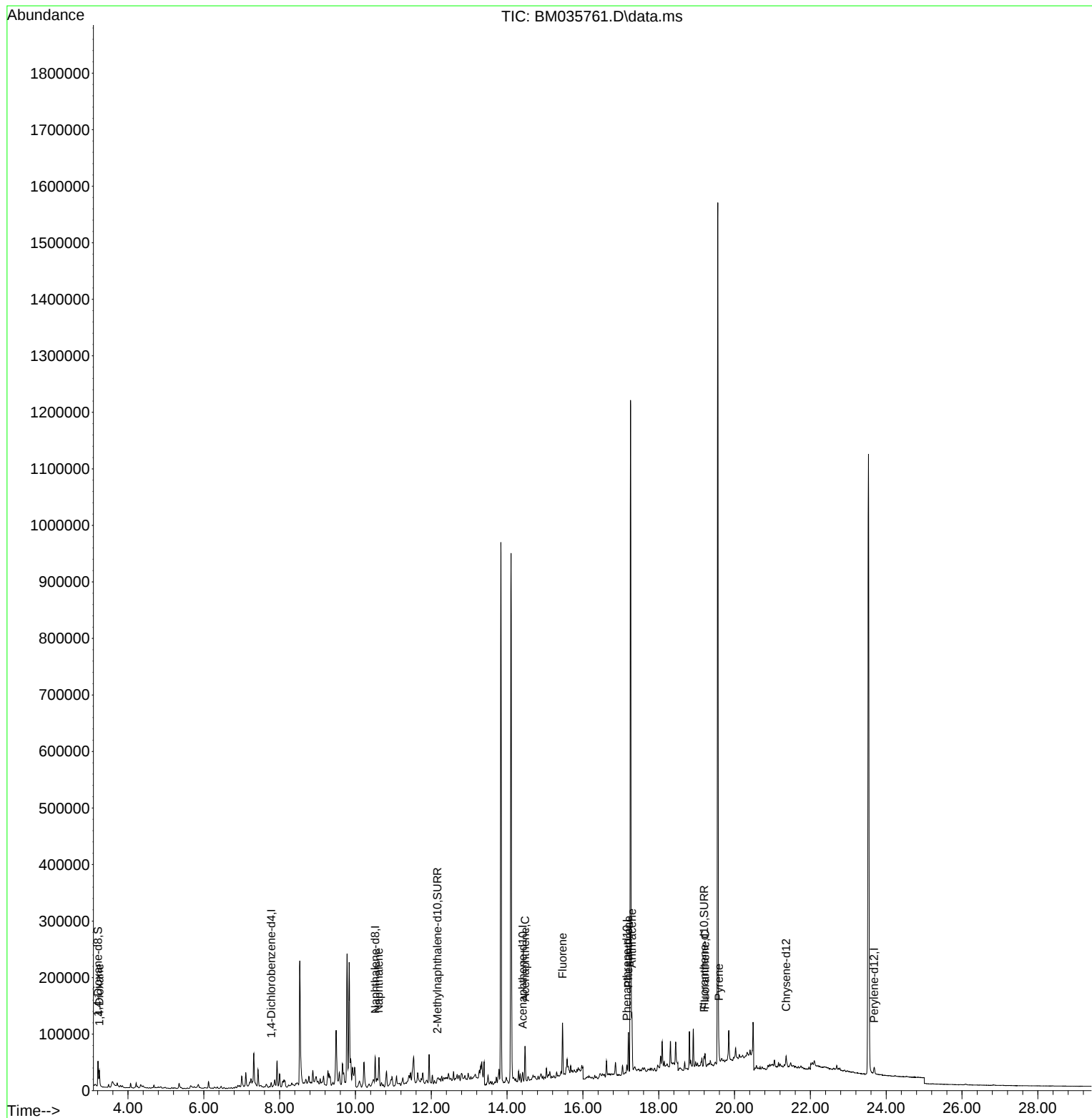
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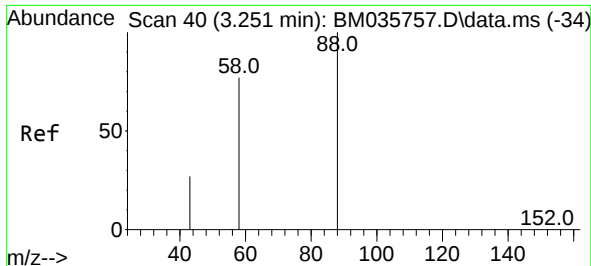
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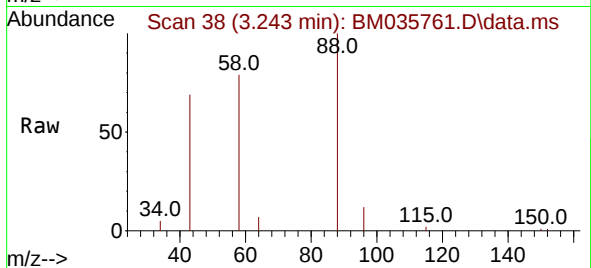
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Supervised By :mohammad ahmed 07/01/2022





#2
1,4-Dioxane
Concen: 3.210 ng/ul m
RT: 3.243 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

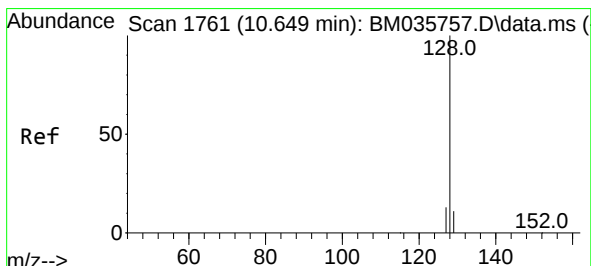
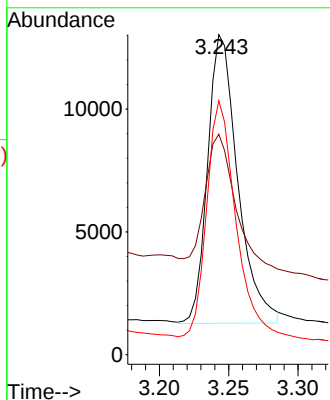
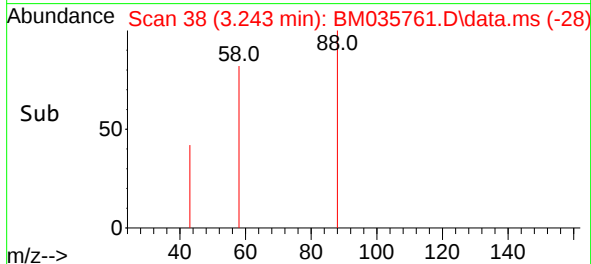
Instrument :
BNA_M
ClientSampleId :
EW4T7RE



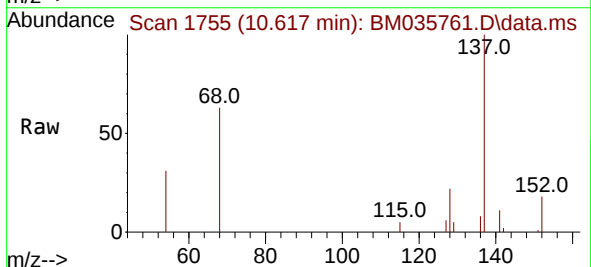
Tgt Ion: 88 Resp: 1777
Ion Ratio Lower Upper
88 100
43 68.9 37.8 56.6
58 79.4 42.6 63.8

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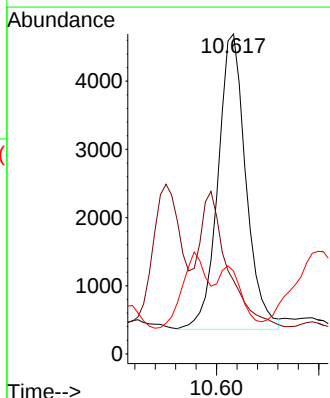
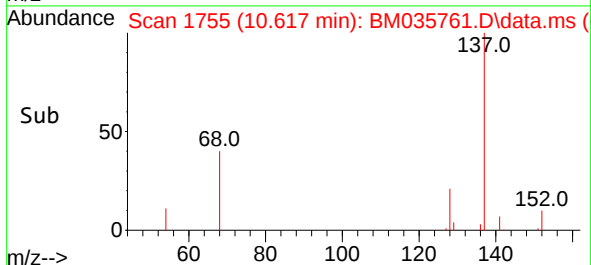
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Supervised By :mohammad ahmed 07/01/2022

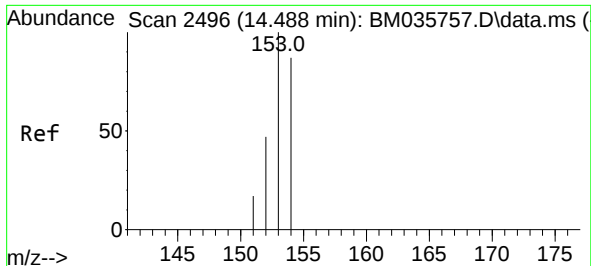


#5
Naphthalene
Concen: 0.042 ng/ul m
RT: 10.617 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07



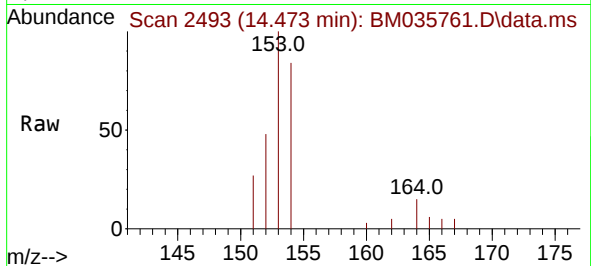
Tgt Ion:128 Resp: 8232
Ion Ratio Lower Upper
128 100
129 23.0 10.2 15.2#
127 25.9 11.7 17.5#





#11
Acenaphthene
Concen: 0.936 ng/ul m
RT: 14.473 min Scan# 2496
Delta R.T. -0.024 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

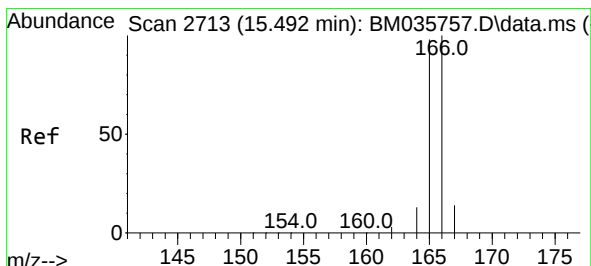
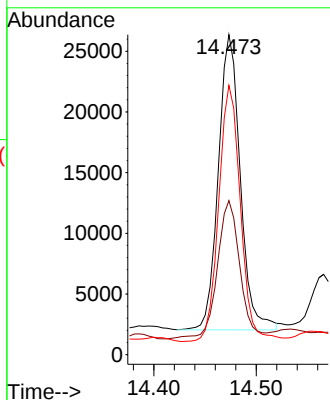
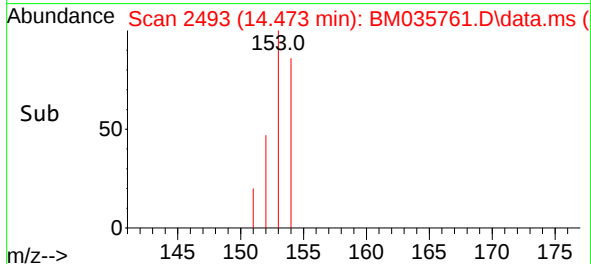
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Tgt Ion:153 Resp: 3632
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 84.2 69.7 104.5

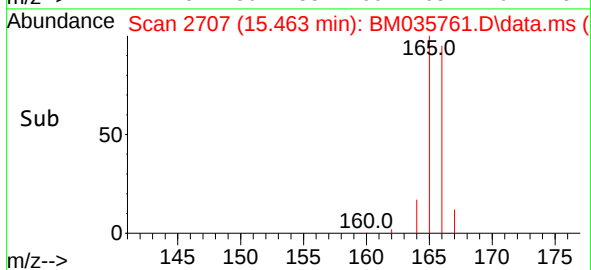
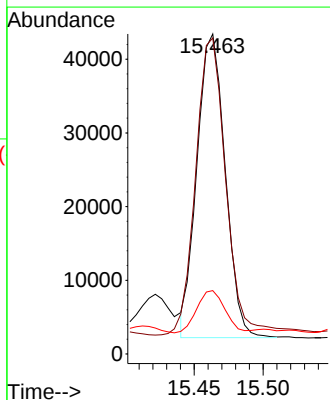
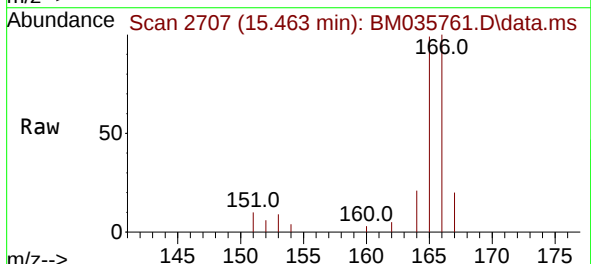
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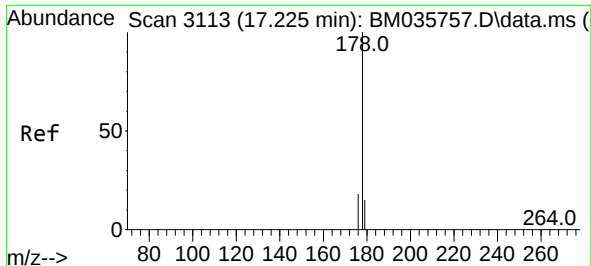
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#12
Fluorene
Concen: 1.314 ng/ul m
RT: 15.463 min Scan# 2707
Delta R.T. -0.042 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

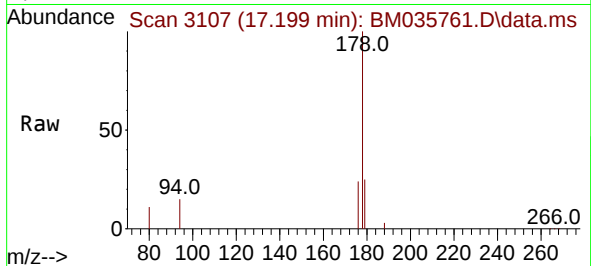
Tgt Ion:166 Resp: 58787
Ion Ratio Lower Upper
166 100
165 98.8 78.9 118.3
167 19.8 11.3 16.9#





#15
Phenanthrene
Concen: 1.149 ng/ul m
RT: 17.199 min Scan# 3107
Delta R.T. -0.039 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

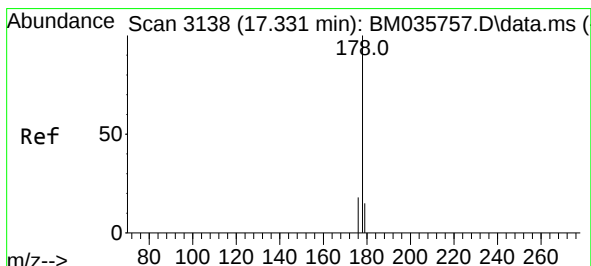
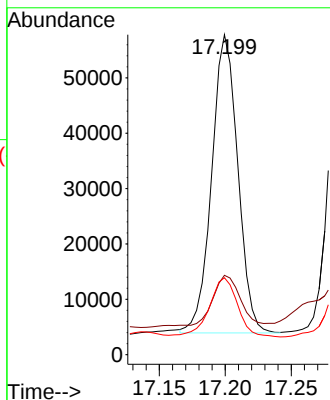
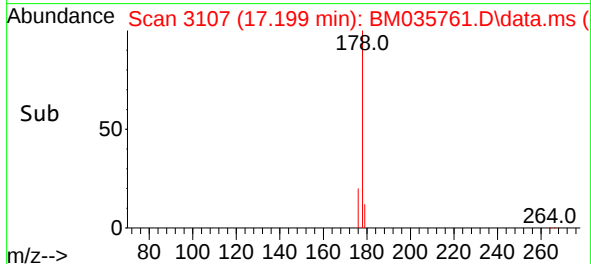
Instrument :
BNA_M
ClientSampleId :
EW4T7RE



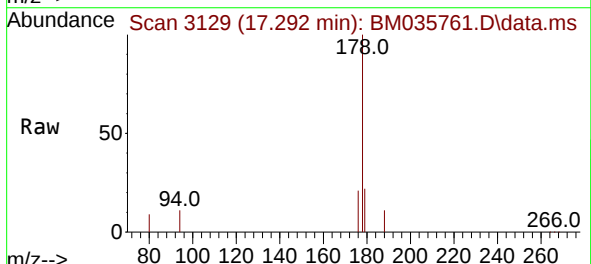
Tgt Ion:178 Resp: 74270
Ion Ratio Lower Upper
178 100
179 24.8 13.0 19.6
176 24.0 15.6 23.4

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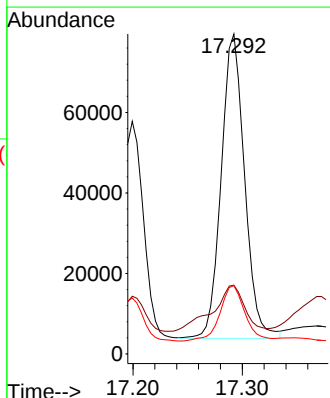
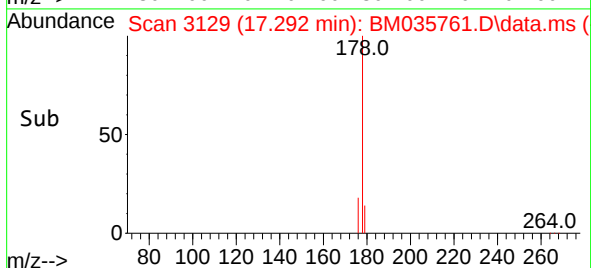
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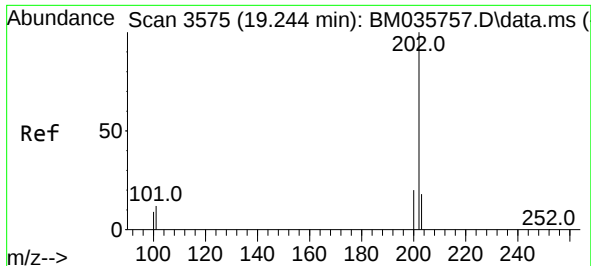


#16
Anthracene
Concen: 2.100 ng/ul m
RT: 17.292 min Scan# 3129
Delta R.T. -0.056 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07



Tgt Ion:178 Resp: 112754
Ion Ratio Lower Upper
178 100
179 21.5 13.6 20.4
176 21.4 15.6 23.4





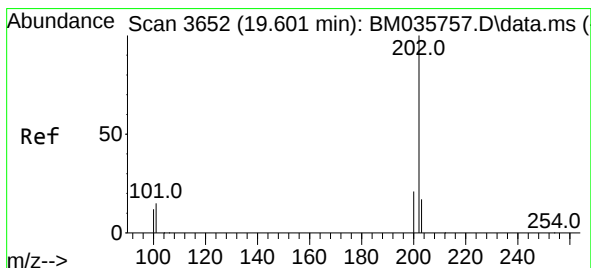
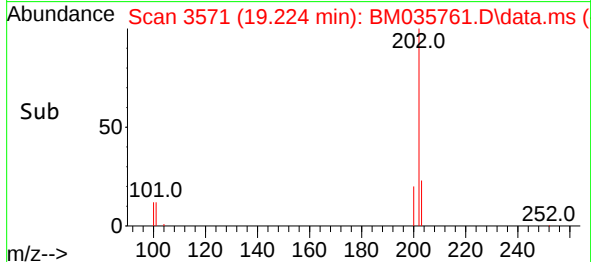
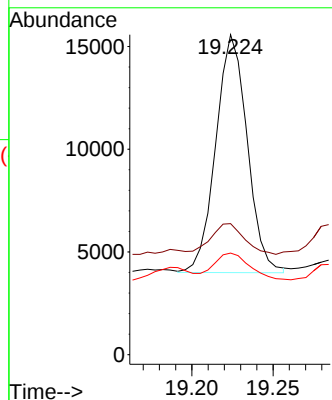
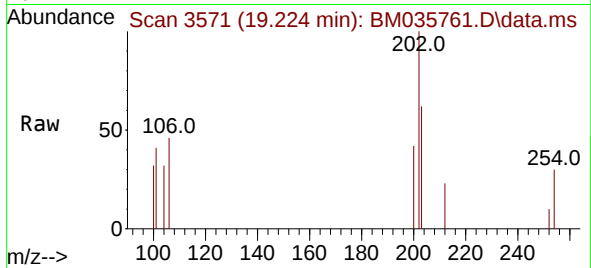
#19
Fluoranthene
Concen: 0.165 ng/ul m
RT: 19.224 min Scan# 3575
Delta R.T. -0.024 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

Instrument :
BNA_M
ClientSampleId :
EW4T7RE

Tgt Ion:202 Resp: 1558
Ion Ratio Lower Upper
202 100
101 41.0 10.1 15.1
100 31.8 7.9 11.9

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#20
Pyrene
Concen: 0.190 ng/ul m
RT: 19.586 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035761.D
Acq: 29 Jun 2022 15:07

Tgt Ion:202 Resp: 20169
Ion Ratio Lower Upper
202 100
101 38.3 12.0 18.0#
100 28.7 9.8 14.6#

