

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035750.D
 Acq On : 29 Jun 2022 07:43
 Operator : CG/JU
 Sample : N3374-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 08:25:38 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 07:47:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	4878m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.512	136	73675m	0.400	ng/ul	-0.11
9) Acenaphthene-d10	14.408	164	11074m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.157	188	20532m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.357	240	21513m	0.400	ng/ul	-0.02
23) Perylene-d12	23.677	264	21342m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	35249	5.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	14277m	0.124	ng/ul	-0.07
18) Fluoranthene-d10	19.191	212	21712m	0.299	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	21060m	3.217	ng/ul	
5) Naphthalene	10.611	128	9546m	0.042	ng/ul	
11) Acenaphthene	14.469	153	41506m	0.928	ng/ul	
12) Fluorene	15.459	166	67148m	1.303	ng/ul	
15) Phenanthrene	17.199	178	85623m	1.151	ng/ul	
16) Anthracene	17.288	178	129603m	2.097	ng/ul	
19) Fluoranthene	19.219	202	18181m	0.169	ng/ul	
20) Pyrene	19.582	202	17762m	0.147	ng/ul	

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

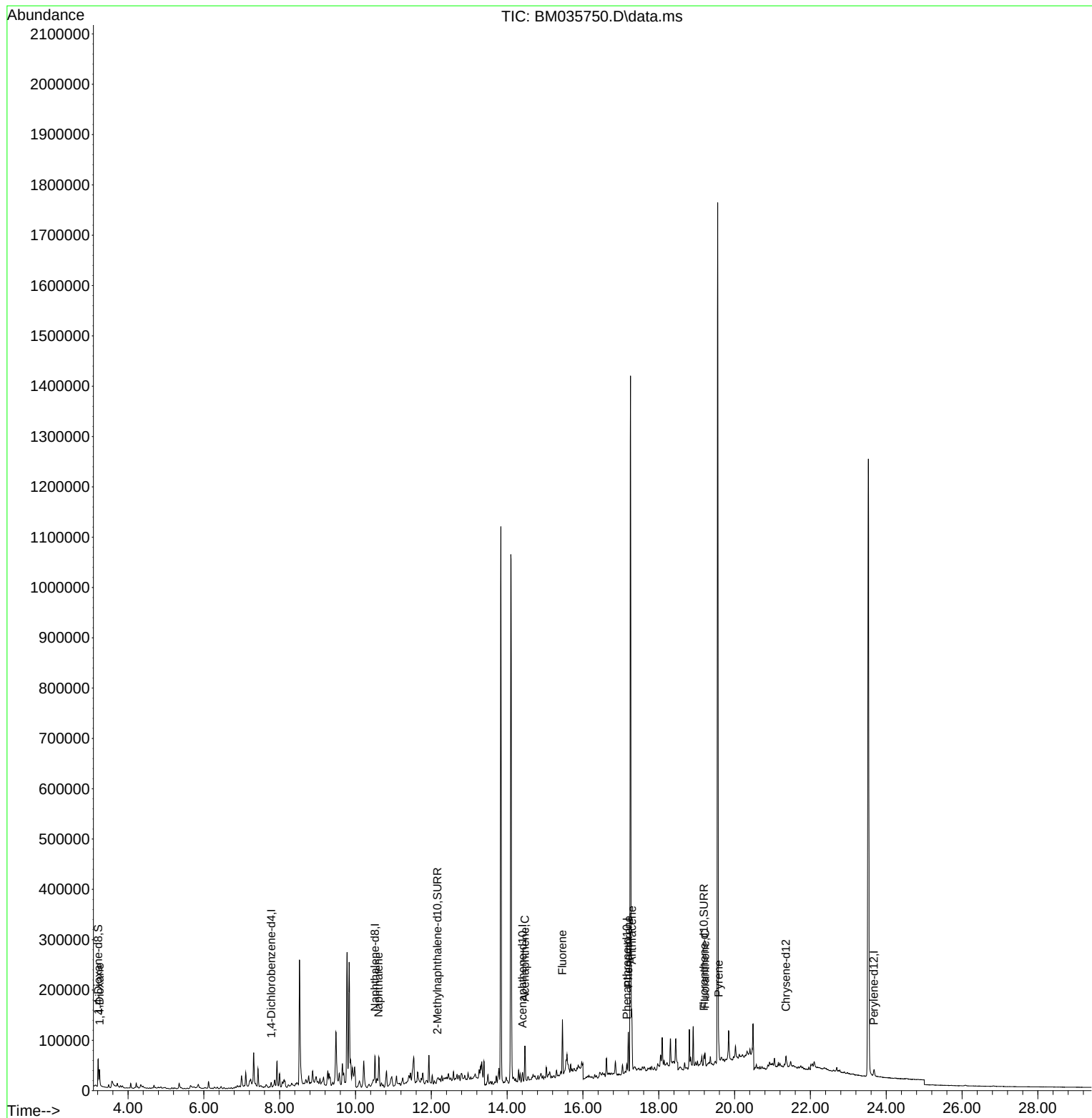
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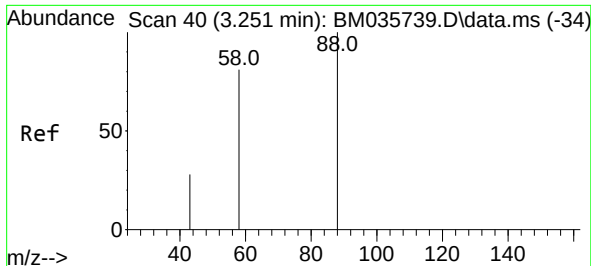
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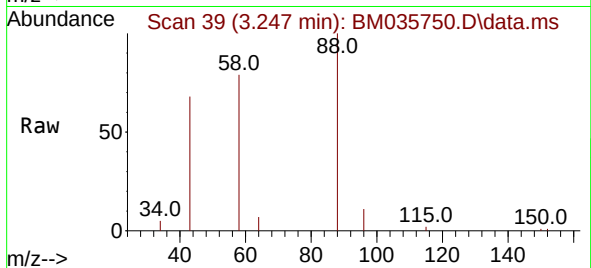
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022





#2
1,4-Dioxane
Concen: 3.217 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

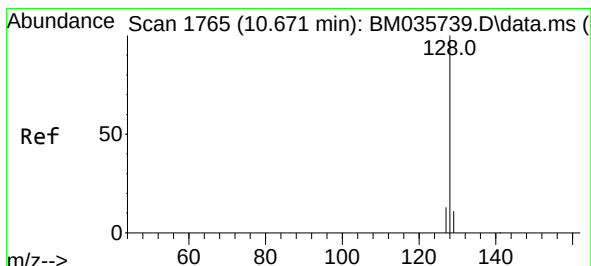
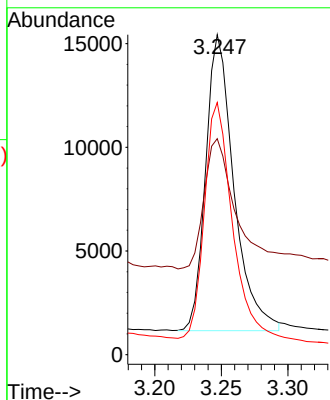
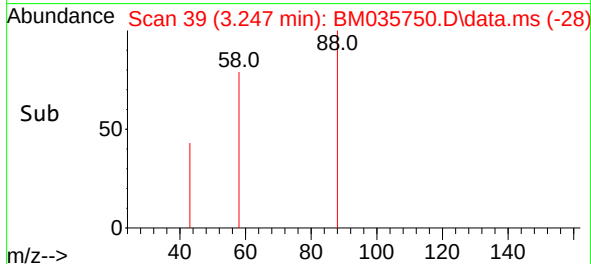
Instrument :
BNA_M
ClientSampleId :
EW4T7



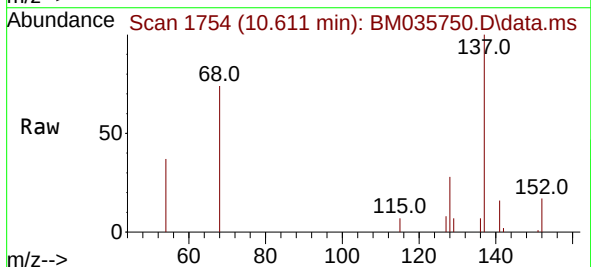
Tgt Ion: 88 Resp: 21060
Ion Ratio Lower Upper
88 100
43 67.5 37.8 56.6
58 78.8 42.6 63.8

Manual Integrations
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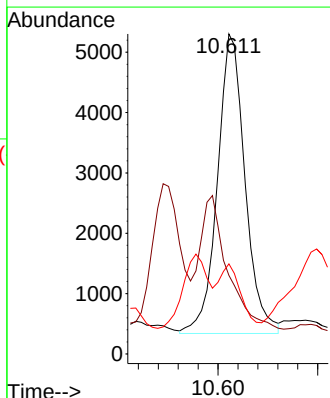
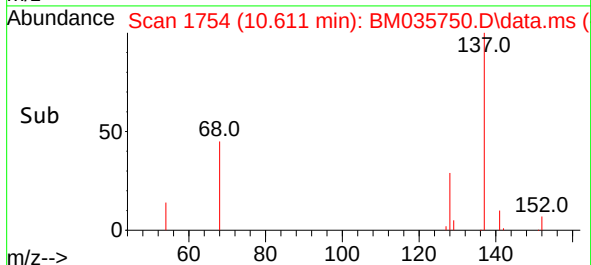
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

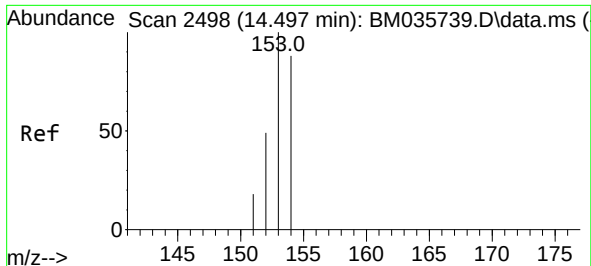


#5
Naphthalene
Concen: 0.042 ng/ul m
RT: 10.611 min Scan# 1754
Delta R.T. -0.060 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43



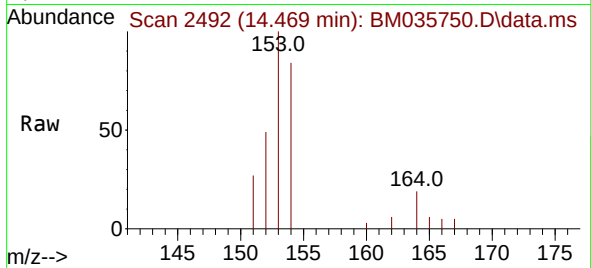
Tgt Ion:128 Resp: 9546
Ion Ratio Lower Upper
128 100
129 24.5 10.2 15.2#
127 28.1 11.7 17.5#





#11
Acenaphthene
Concen: 0.928 ng/ul m
RT: 14.469 min Scan# 2498
Delta R.T. -0.029 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

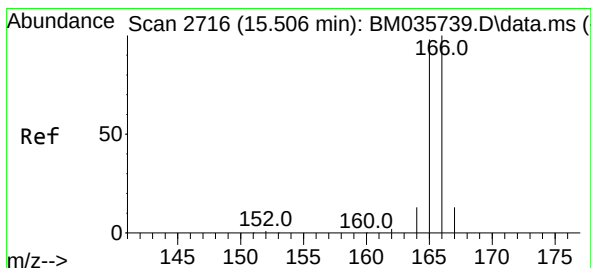
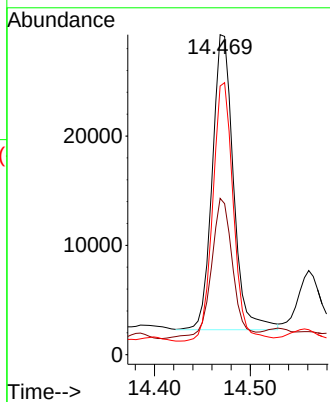
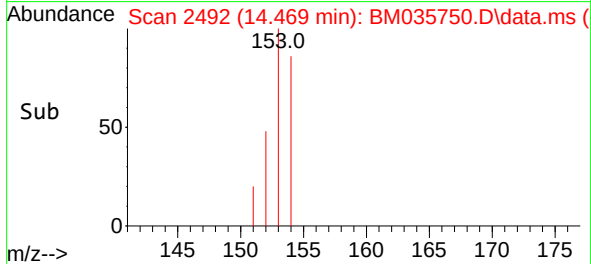
Instrument :
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ClientSampleId :
EW4T7



Tgt Ion:153 Resp: 41500
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 84.0 69.7 104.5

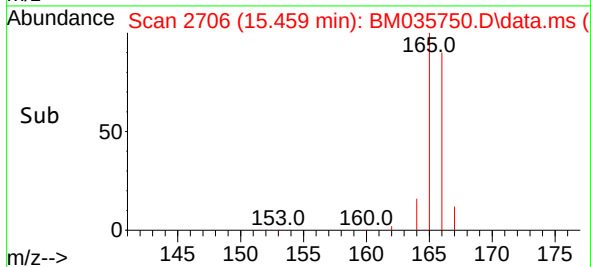
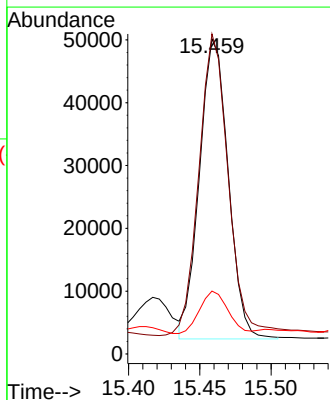
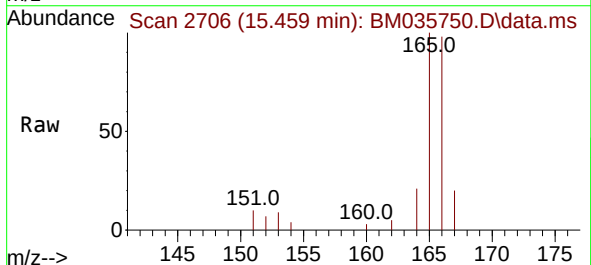
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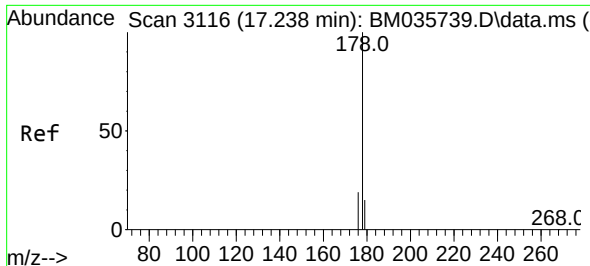
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Supervised By :mohammad ahmed 07/01/2022



#12
Fluorene
Concen: 1.303 ng/ul m
RT: 15.459 min Scan# 2706
Delta R.T. -0.047 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

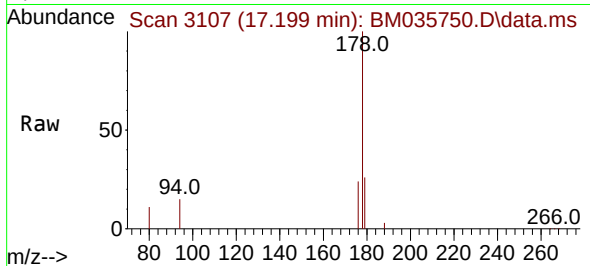
Tgt Ion:166 Resp: 67148
Ion Ratio Lower Upper
166 100
165 101.5 78.9 118.3
167 19.9 11.3 16.9#





#15
Phenanthrene
Concen: 1.151 ng/ul m
RT: 17.199 min Scan# 3107
Delta R.T. -0.039 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

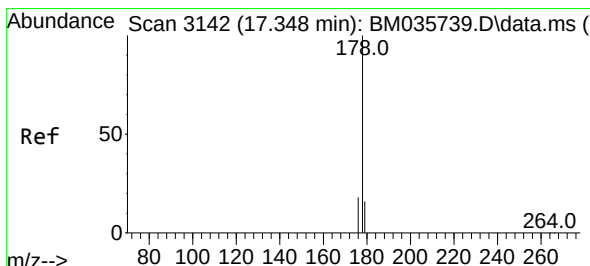
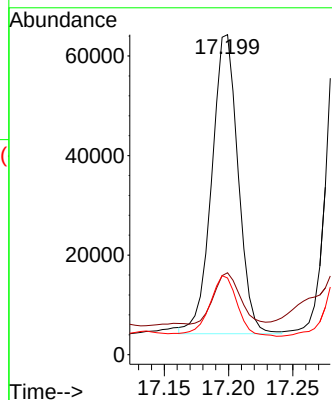
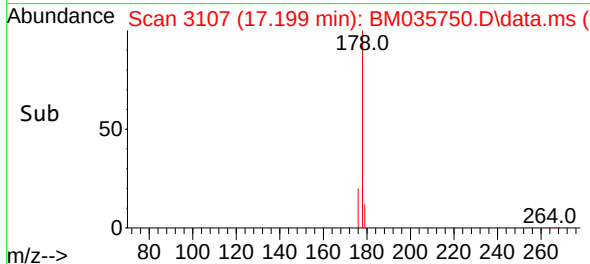
Instrument :
BNA_M
ClientSampleId :
EW4T7



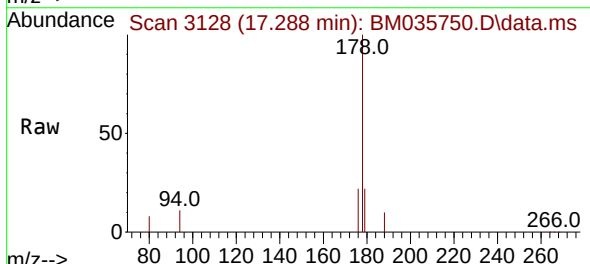
Tgt Ion:178 Resp: 85623
Ion Ratio Lower Upper
178 100
179 25.6 13.0 19.6
176 24.0 15.6 23.4

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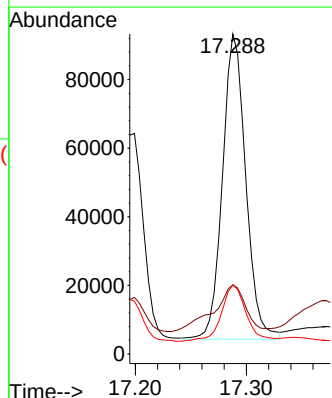
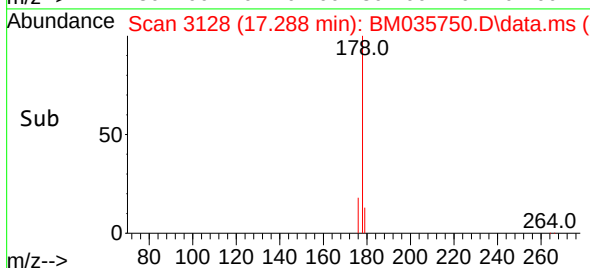
Reviewed By :Jagrut Upadhyay 06/29/2022
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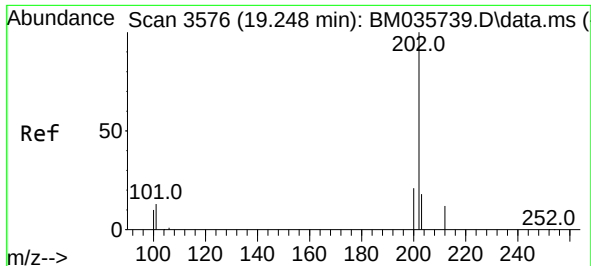


#16
Anthracene
Concen: 2.097 ng/ul m
RT: 17.288 min Scan# 3128
Delta R.T. -0.060 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43



Tgt Ion:178 Resp: 129603
Ion Ratio Lower Upper
178 100
179 21.7 13.6 20.4
176 21.6 15.6 23.4





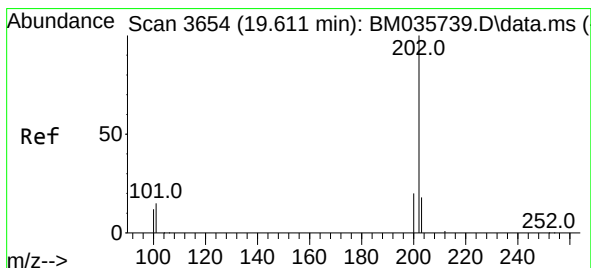
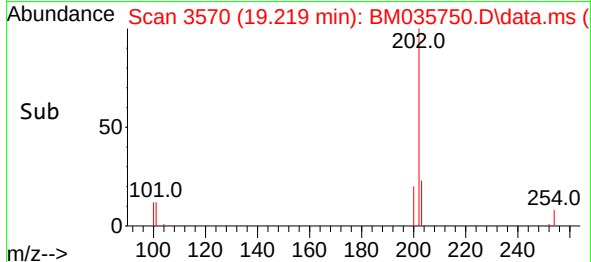
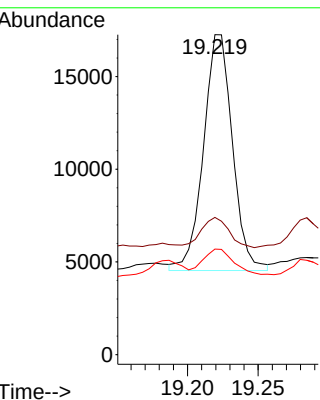
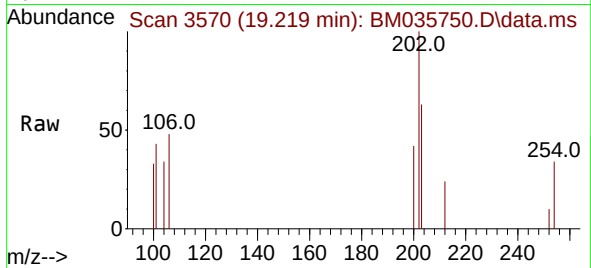
#19
Fluoranthene
Concen: 0.169 ng/ul m
RT: 19.219 min Scan# 3570
Delta R.T. -0.029 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

Instrument :
BNA_M
ClientSampleId :
EW4T7

Tgt Ion:202 Resp: 1818
Ion Ratio Lower Upper
202 100
101 42.9 10.1 15.1
100 33.0 7.9 11.9

Manual Integrations
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#20
Pyrene
Concen: 0.147 ng/ul m
RT: 19.582 min Scan# 3648
Delta R.T. -0.029 min
Lab File: BM035750.D
Acq: 29 Jun 2022 07:43

Tgt Ion:202 Resp: 17762
Ion Ratio Lower Upper
202 100
101 38.7 12.0 18.0#
100 29.3 9.8 14.6#

