

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040466.D
 Acq On : 30 Jun 2023 11:30
 Operator : MA/JU
 Sample : 03161-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:02:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	29063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	13824	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	27523	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16250	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	17736	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	23184	1.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5071	0.124	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	7477	0.144	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.794	128	16842	0.210	ng/ul	97
7) 2-Methylnaphthalene	12.406	142	7075	0.150	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	5462	0.116	ng/ul	98
10) Acenaphthylene	14.299	152	40549	0.657	ng/ul	99
11) Acenaphthene	14.642	153	11174	0.214	ng/ul	100
12) Fluorene	15.627	166	11416	0.205	ng/ul	99
15) Phenanthrene	17.366	178	337315	3.946	ng/ul	99
16) Anthracene	17.459	178	55916	0.778	ng/ul	100
19) Fluoranthene	19.379	202	948594	13.742	ng/ul	96
20) Pyrene	19.747	202	769580	10.399	ng/ul	96
21) Benzo(a)anthracene	21.488	228	345741	6.290	ng/ul	99
22) Chrysene	21.541	228	376983	6.012	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	604682	8.810	ng/ul	88
25) Benzo(k)fluoranthene	23.224	252	199300m	2.946	ng/ul	
26) Benzo(a)pyrene	23.809	252	393231	6.360	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.420	276	322826	3.749	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.427	278	76310	1.132	ng/ul	97
29) Benzo(g,h,i)perylene	27.195	276	285704	3.786	ng/ul	94

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

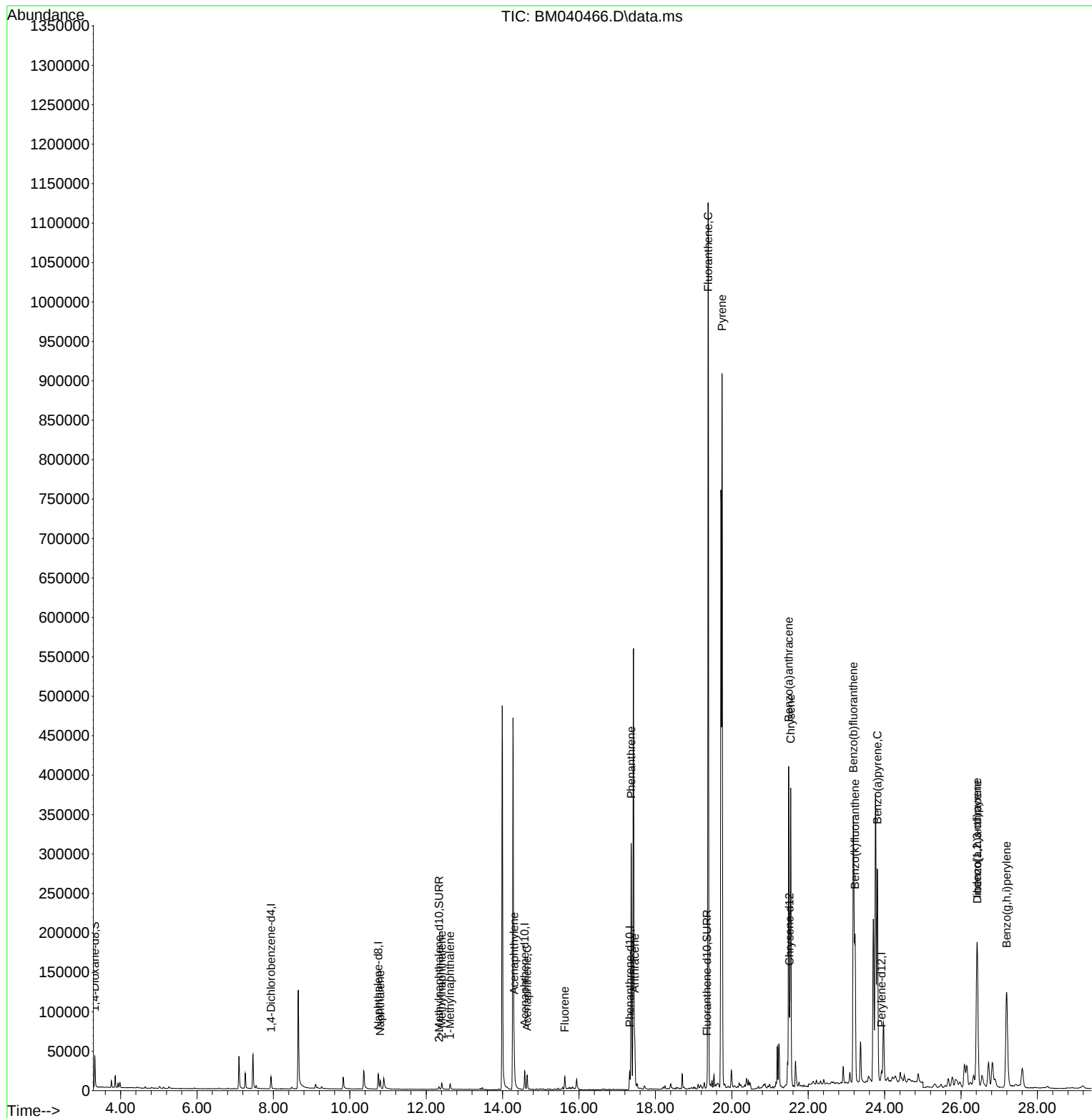
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040466.D
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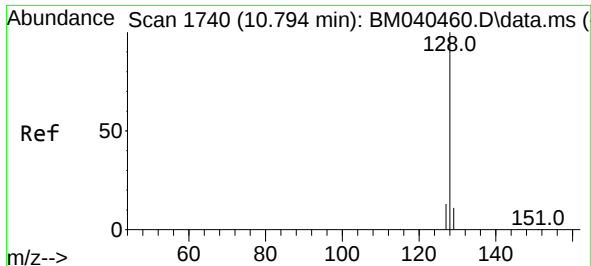
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Quant Time: Jul 01 03:02:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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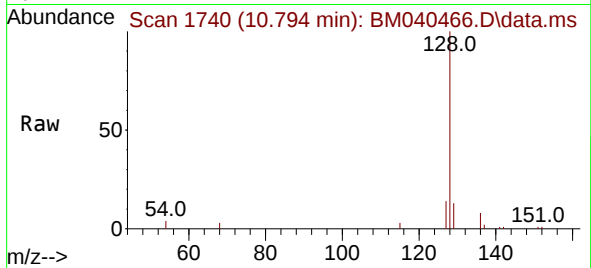
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

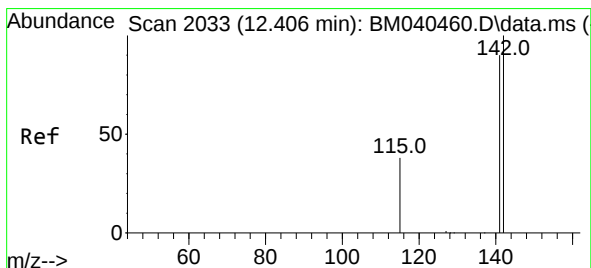
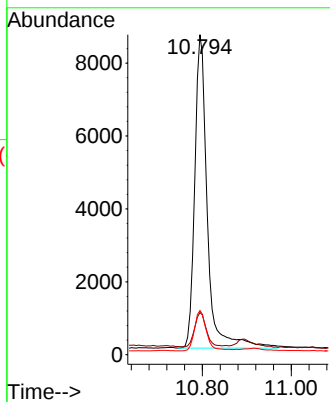
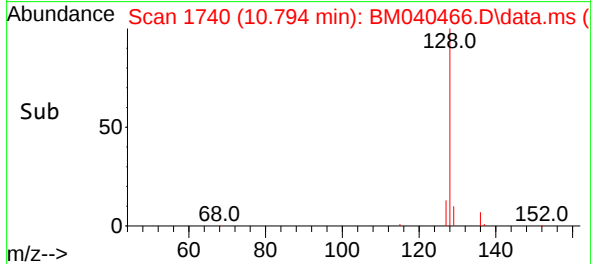
Instrument :
BNA_M
ClientSampleId :
DCFW1



Tgt Ion:128 Resp: 1684
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 13.8 10.6 15.8

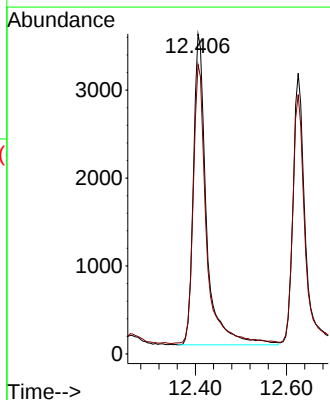
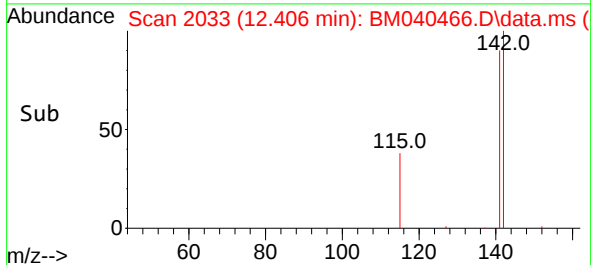
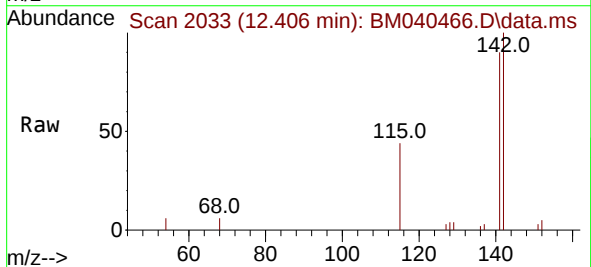
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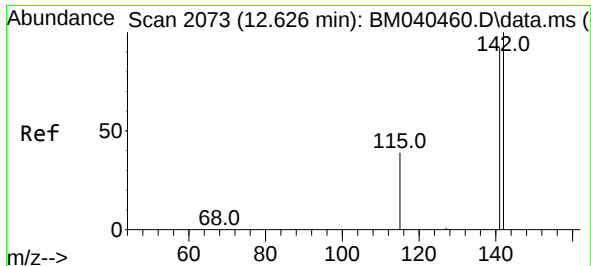
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

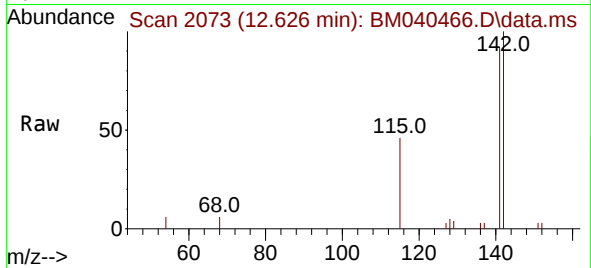
Tgt Ion:142 Resp: 7075
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

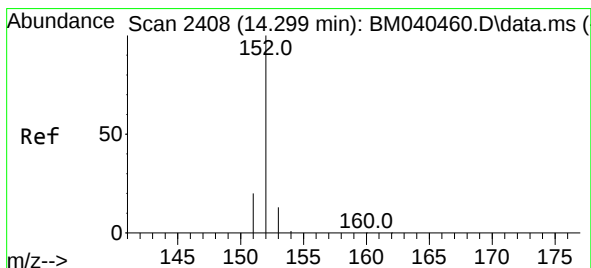
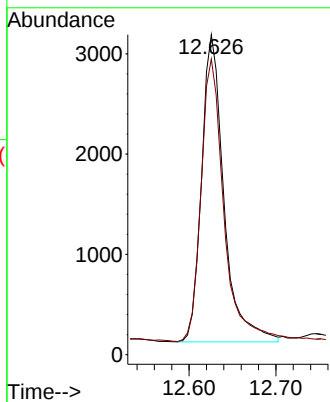
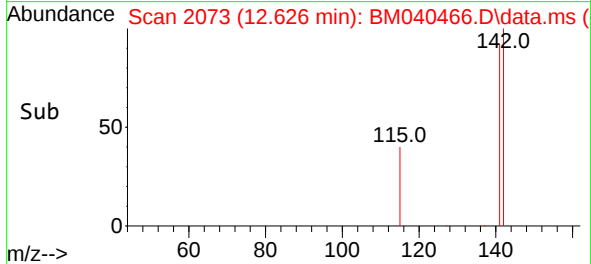
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 5462
Ion Ratio Lower Upper
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141 93.7 73.7 110.5

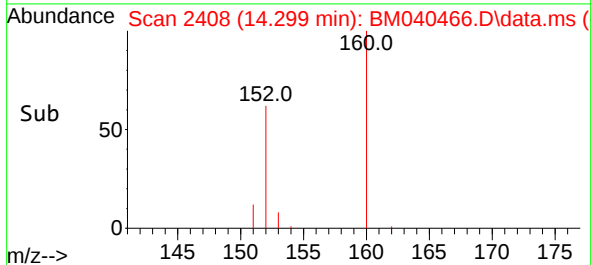
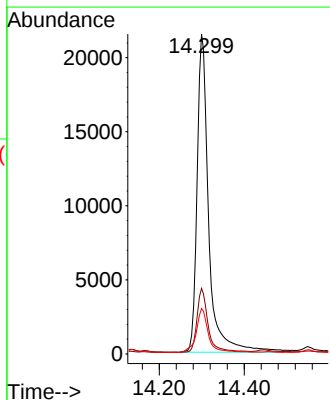
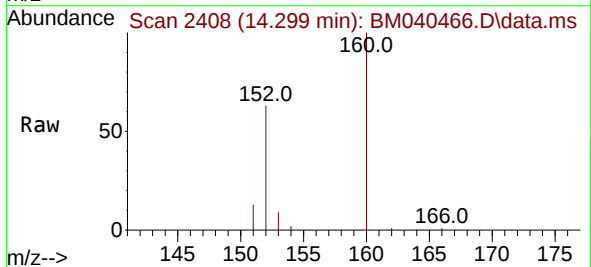
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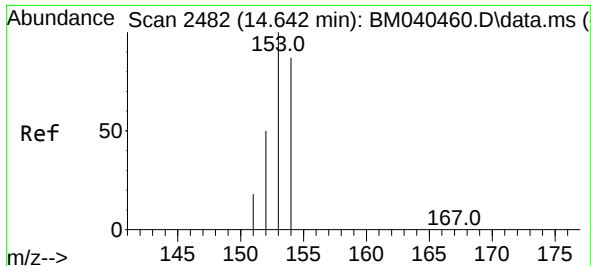
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.657 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

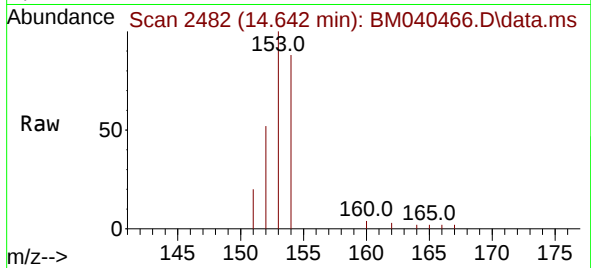
Tgt Ion:152 Resp: 40549
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

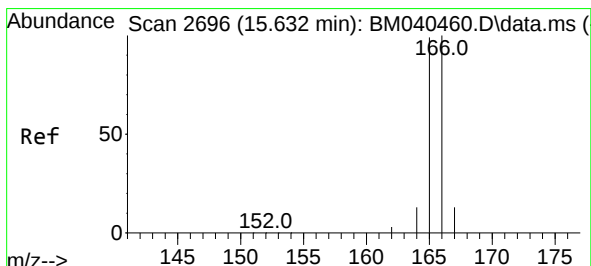
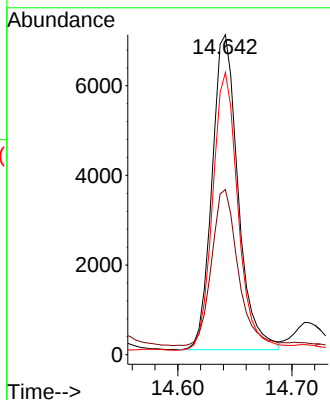
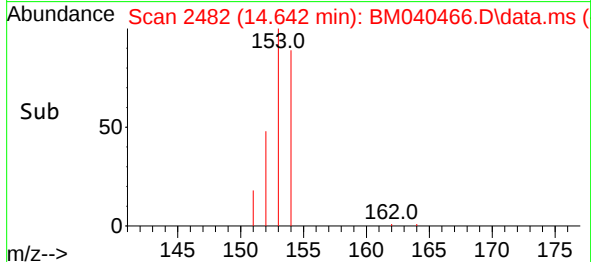
Instrument :
BNA_M
ClientSampleId :
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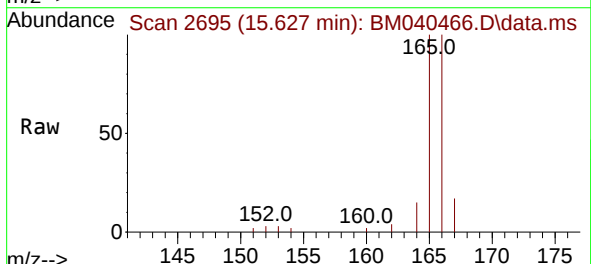
Tgt Ion:153 Resp: 11174
Ion Ratio Lower Upper
153 100
152 51.6 41.0 61.4
154 88.2 70.8 106.2

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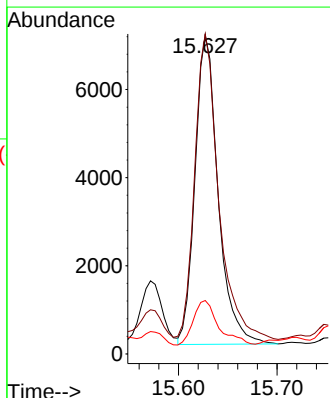
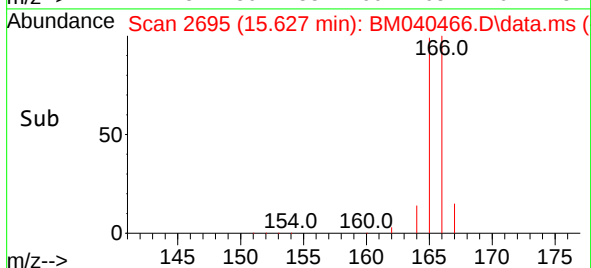
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

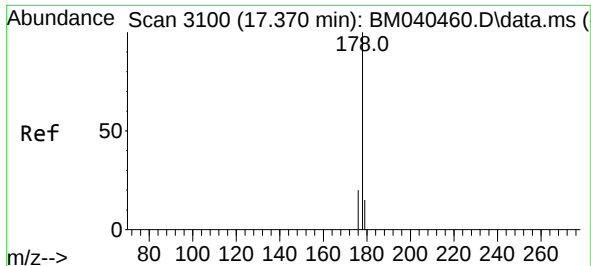


#12
Fluorene
Concen: 0.205 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30



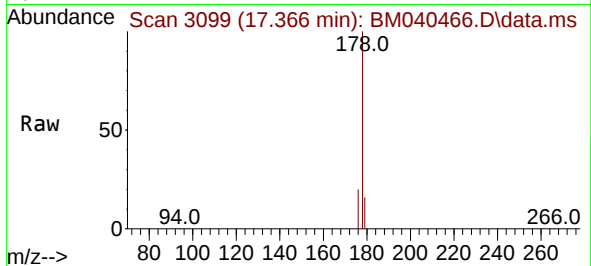
Tgt Ion:166 Resp: 11416
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 16.7 11.4 17.0





#15
Phenanthrene
Concen: 3.946 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

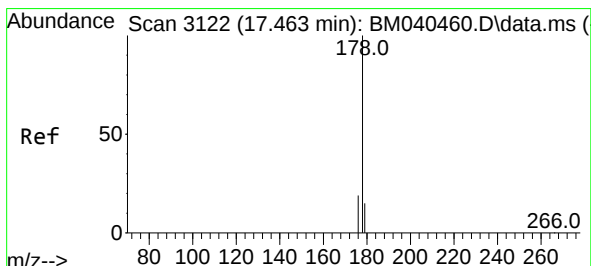
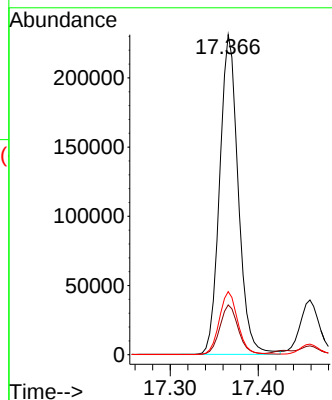
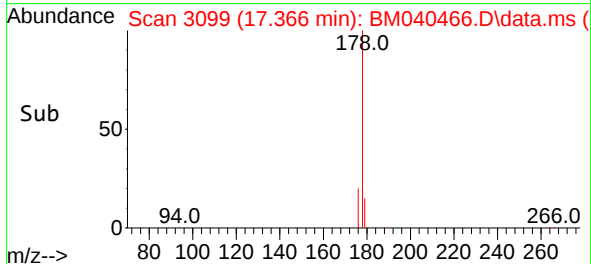
Instrument :
BNA_M
ClientSampleId :
DCFW1



Tgt Ion:178 Resp: 337315
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.7 16.4 24.6

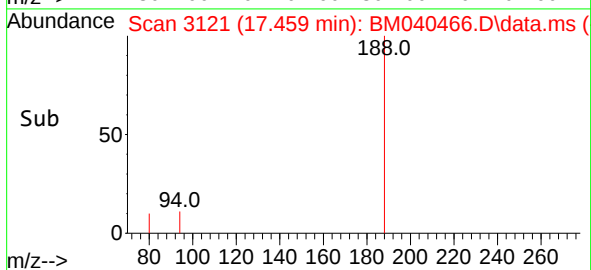
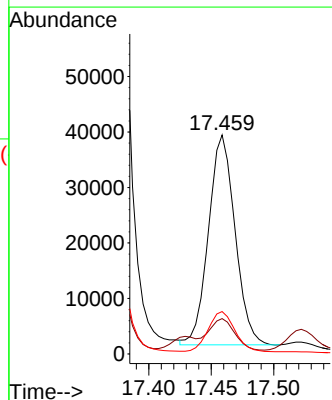
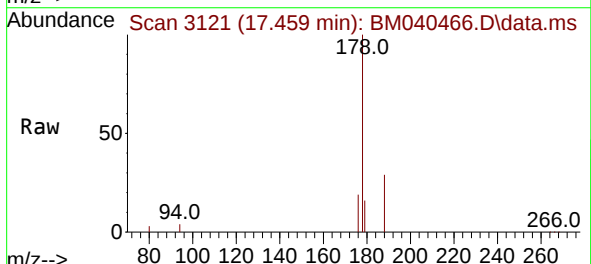
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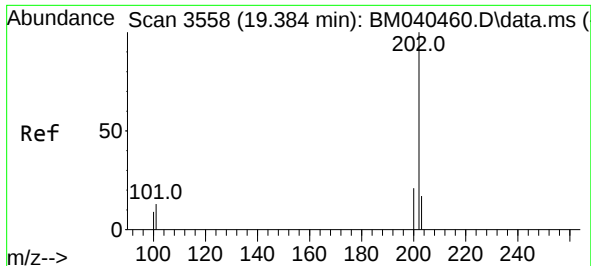
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.778 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

Tgt Ion:178 Resp: 55916
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.6





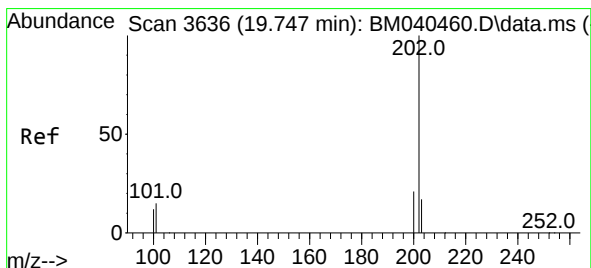
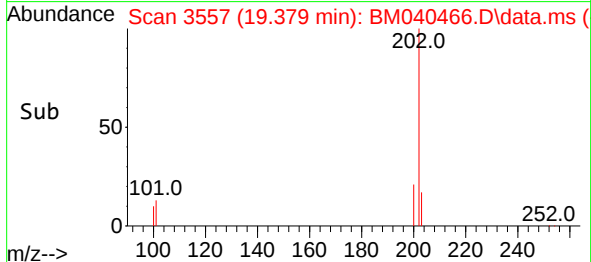
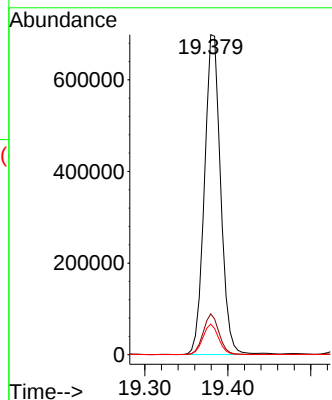
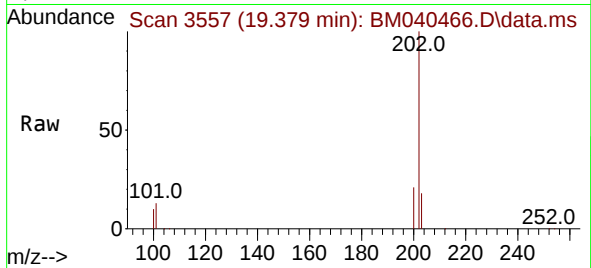
#19
Fluoranthene
Concen: 13.742 ng/u1
RT: 19.379 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

Instrument :
BNA_M
ClientSampleId :
DCFW1

Tgt Ion:202 Resp: 948594
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.6 8.7 13.1

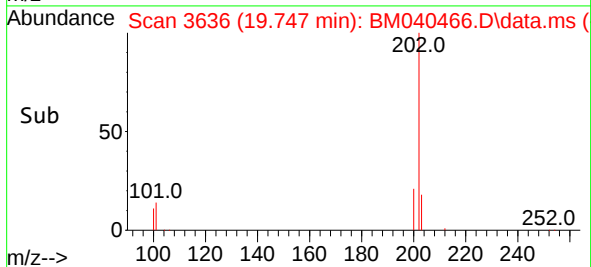
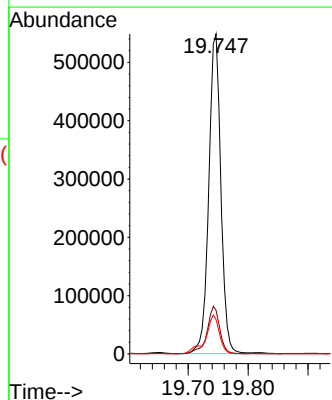
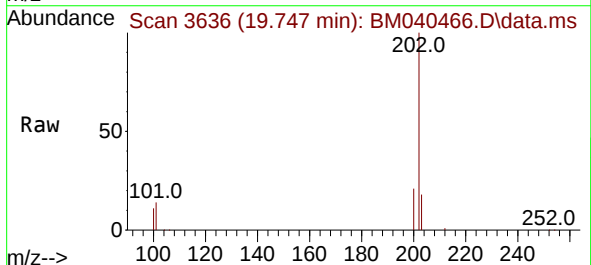
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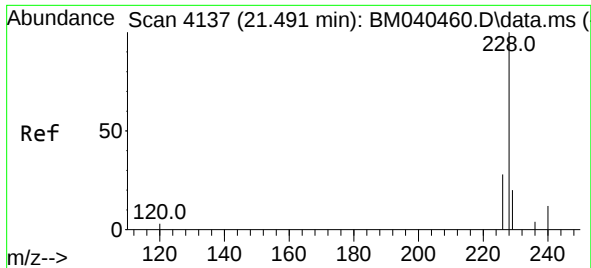
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 10.399 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

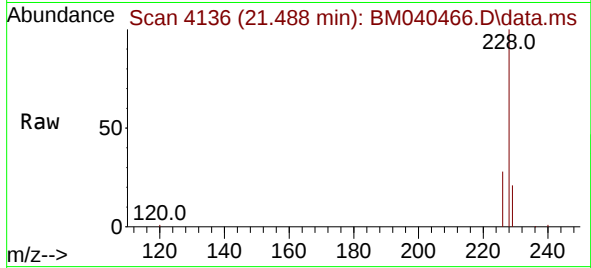
Tgt Ion:202 Resp: 769580
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.290 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

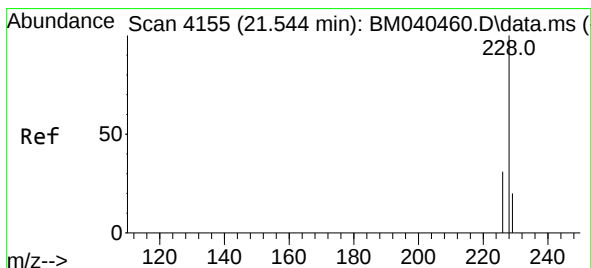
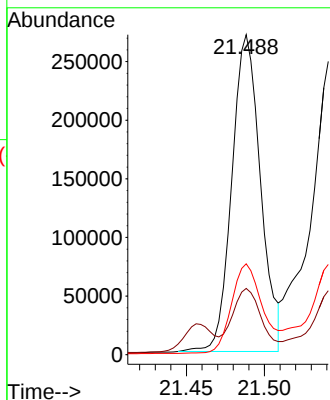
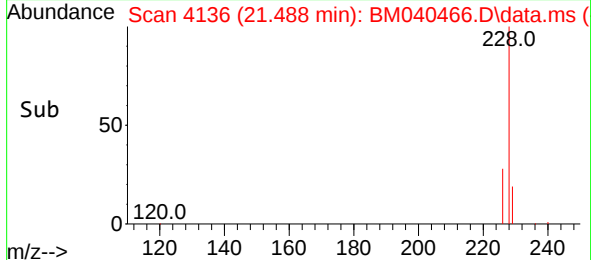
Instrument :
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DCFW1



Tgt Ion:228 Resp: 34574
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.4 22.3 33.5

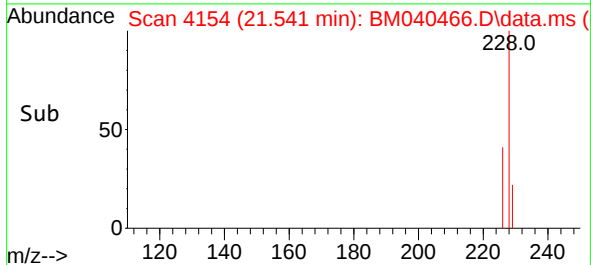
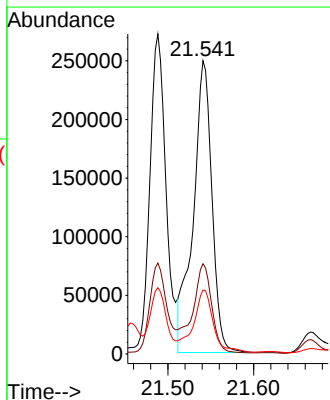
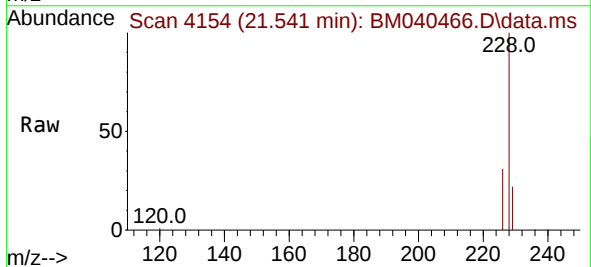
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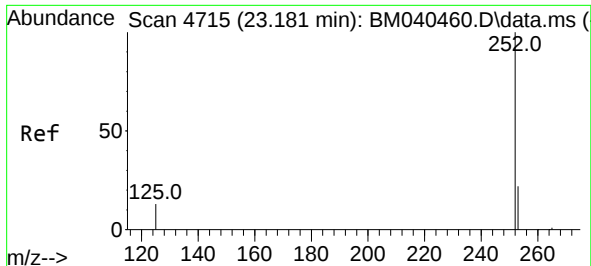
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 6.012 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

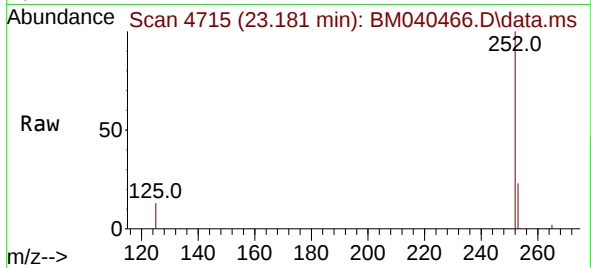
Tgt Ion:228 Resp: 376983
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.810 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

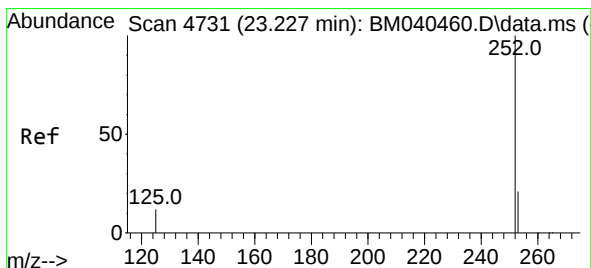
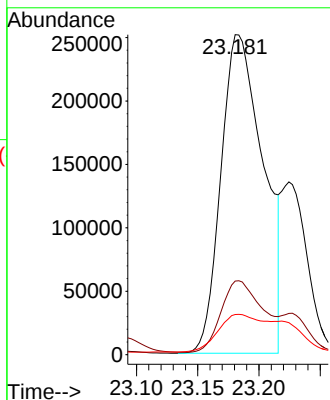
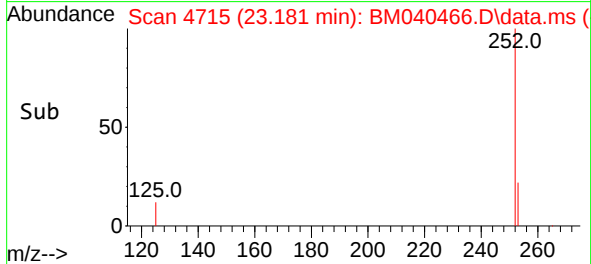
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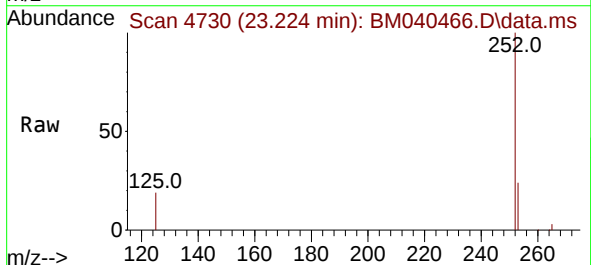
Tgt Ion:252 Resp: 60468
Ion Ratio Lower Upper
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253 23.0 0.0 52.8
125 12.6 0.0 43.0

Manual Integrations
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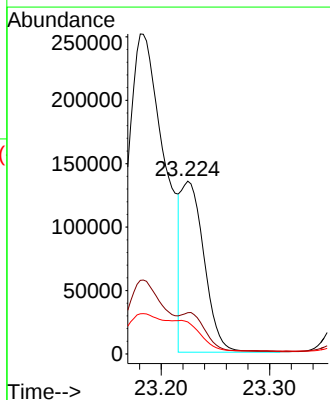
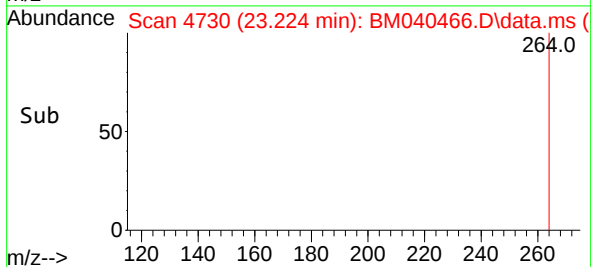
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

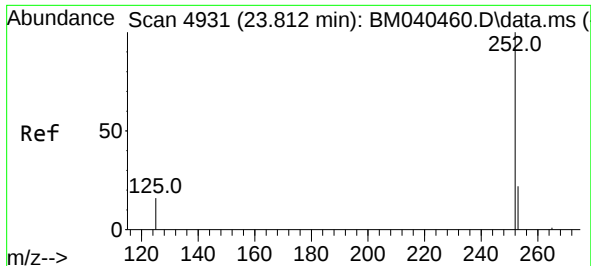


#25
Benzo(k)fluoranthene
Concen: 2.946 ng/ul m
RT: 23.224 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30



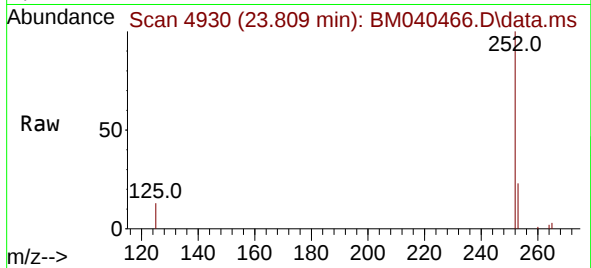
Tgt Ion:252 Resp: 199300
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 18.5 16.4 24.6





#26
Benzo(a)pyrene
Concen: 6.360 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

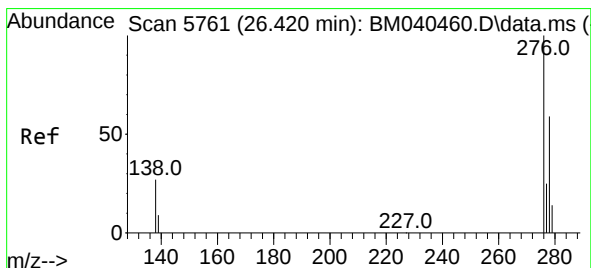
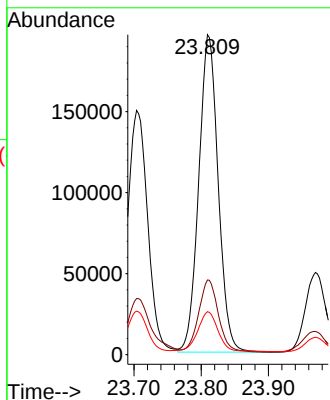
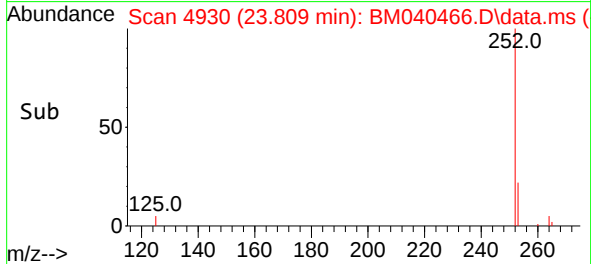
Instrument :
BNA_M
ClientSampleId :
DCFW1



Tgt Ion:252 Resp: 39323
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 13.5 21.0 31.4

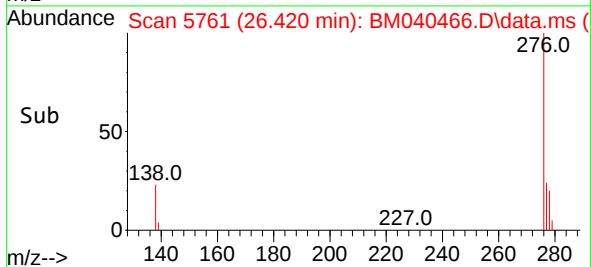
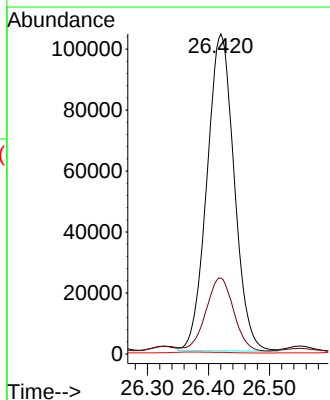
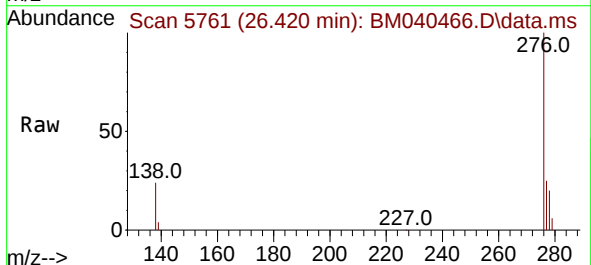
Manual Integrations
APPROVED

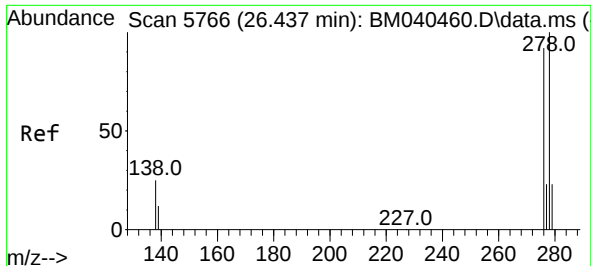
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.749 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. -0.000 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

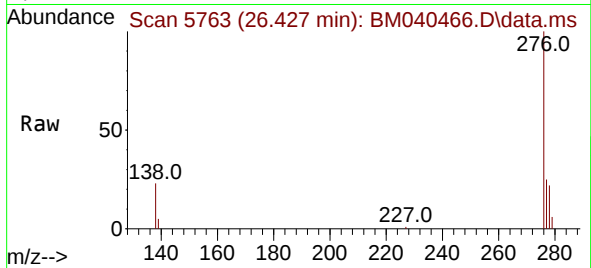
Tgt Ion:276 Resp: 322826
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.132 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30

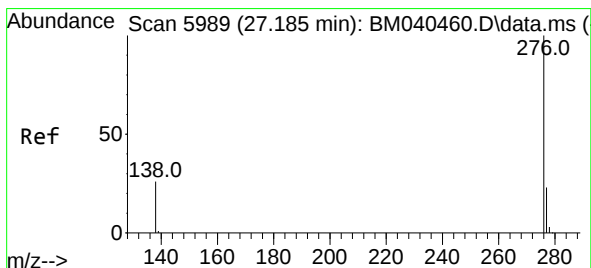
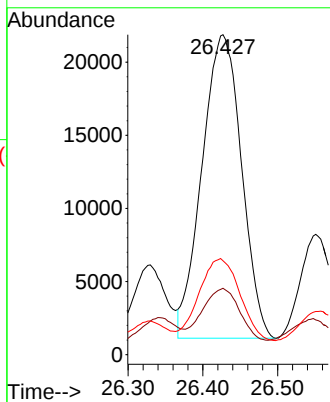
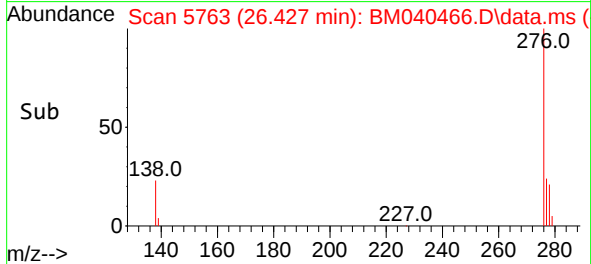
Instrument :
BNA_M
ClientSampleId :
DCFW1



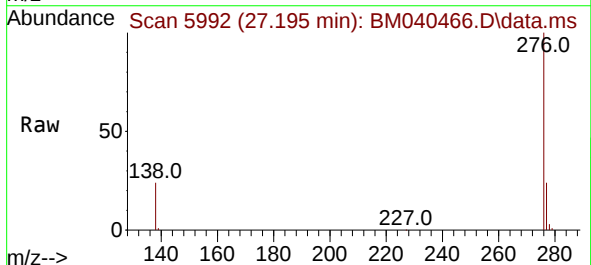
Tgt Ion:278 Resp: 76310
Ion Ratio Lower Upper
278 100
139 20.8 17.9 26.9
279 29.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 3.786 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040466.D
Acq: 30 Jun 2023 11:30



Tgt Ion:276 Resp: 285704
Ion Ratio Lower Upper
276 100
138 24.4 23.0 34.6
277 24.1 20.3 30.5

