

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040490.D
 Acq On : 01 Jul 2023 02:34
 Operator : MA/JU
 Sample : 03161-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW2

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 04:25:37 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	7410	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	27156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	13617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	26363	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.506	240	13818	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15297	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	32315	2.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	7422	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	12069	0.272	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.794	128	5524	0.074	ng/ul#	88
7) 2-Methylnaphthalene	12.406	142	3223	0.073	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	2305	0.052	ng/ul	96
10) Acenaphthylene	14.299	152	6254	0.103	ng/ul#	93
11) Acenaphthene	14.637	153	3267	0.064	ng/ul	96
12) Fluorene	15.627	166	3690	0.067	ng/ul#	97
15) Phenanthrene	17.366	178	162648	1.986	ng/ul	99
16) Anthracene	17.455	178	12902	0.187	ng/ul	95
19) Fluoranthene	19.379	202	468791	7.987	ng/ul	97
20) Pyrene	19.742	202	347910	5.529	ng/ul	99
21) Benzo(a)anthracene	21.488	228	136751	2.926	ng/ul	99
22) Chrysene	21.544	228	180913	3.393	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	260765	4.405	ng/ul	91
25) Benzo(k)fluoranthene	23.227	252	89295m	1.531	ng/ul	
26) Benzo(a)pyrene	23.812	252	147213	2.761	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.424	276	144315	1.943	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.437	278	32677	0.562	ng/ul	93
29) Benzo(g,h,i)perylene	27.202	276	129954	1.996	ng/ul	96

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

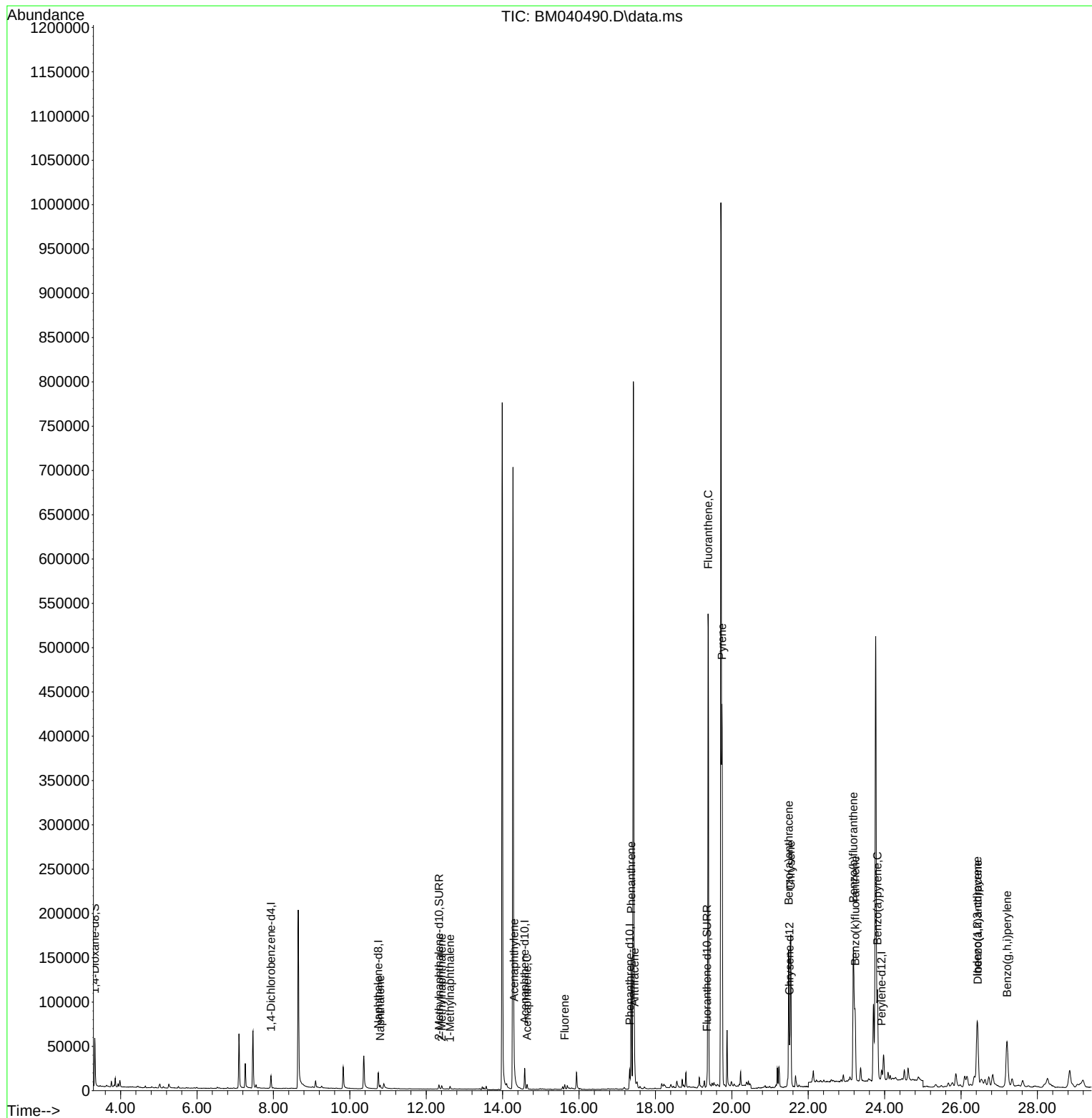
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040490.D
Acq On : 01 Jul 2023 02:34
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

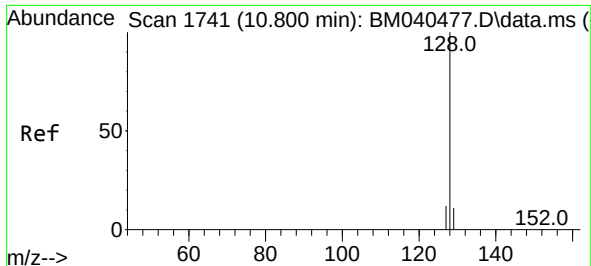
Instrument :
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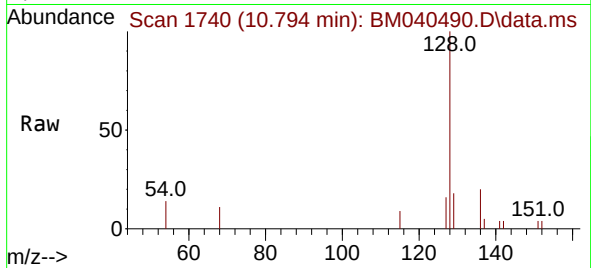
Quant Time: Jul 01 04:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.074 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

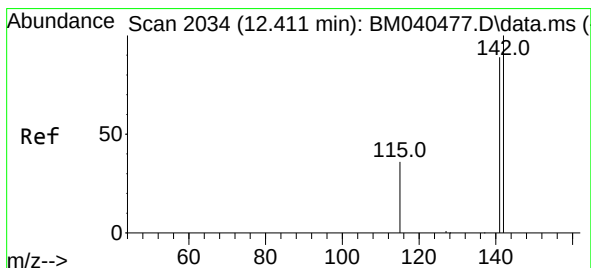
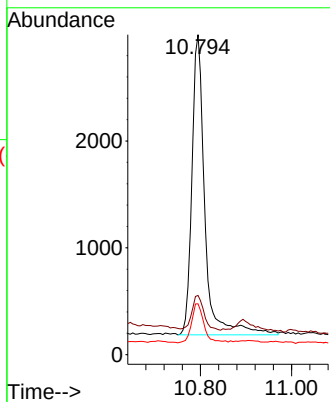
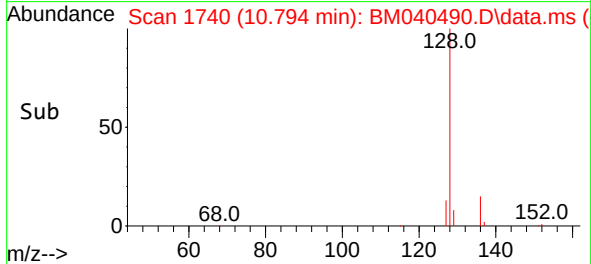
Instrument :
BNA_M
ClientSampleId :
DCF2



Tgt Ion:128 Resp: 5524
Ion Ratio Lower Upper
128 100
129 18.5 9.2 13.8
127 15.9 10.6 15.8

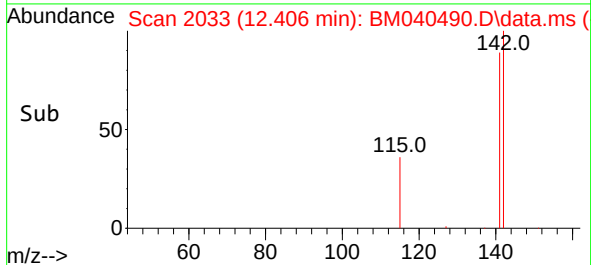
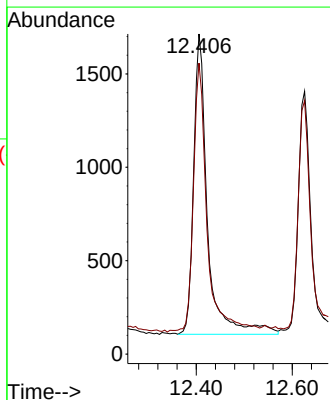
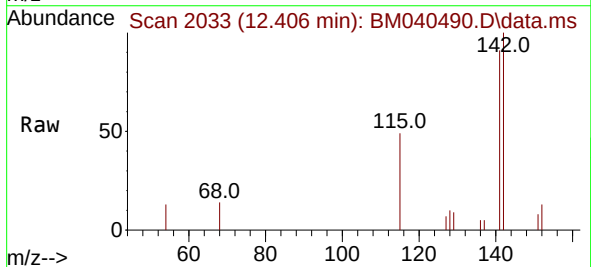
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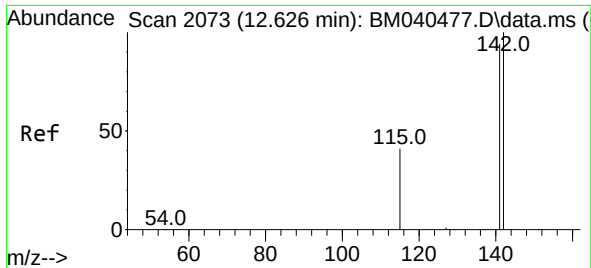
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

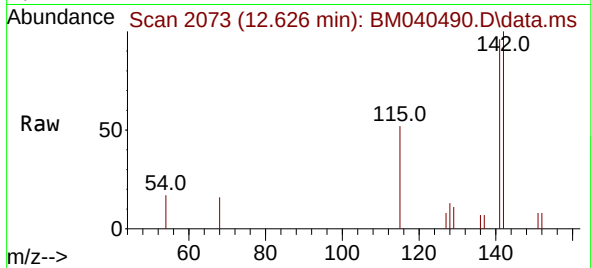
Tgt Ion:142 Resp: 3223
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.052 ng/u1
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

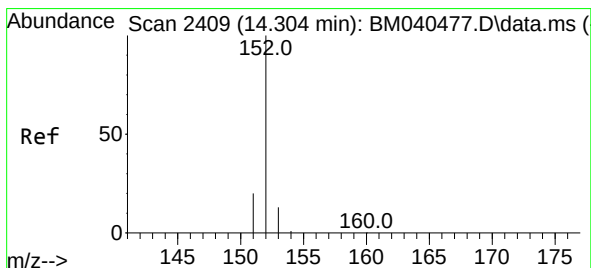
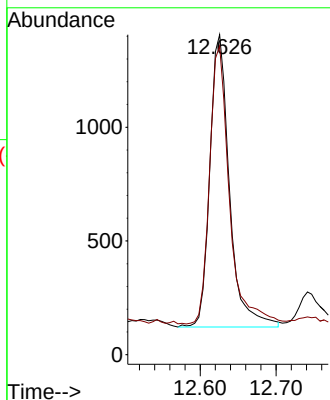
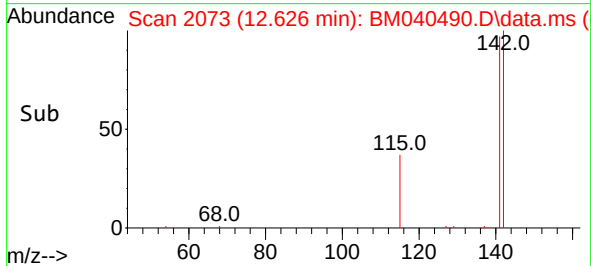
Instrument :
BNA_M
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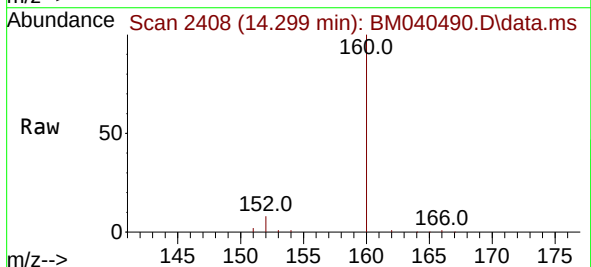
Tgt Ion:142 Resp: 2308
Ion Ratio Lower Upper
142 100
141 95.7 73.7 110.5

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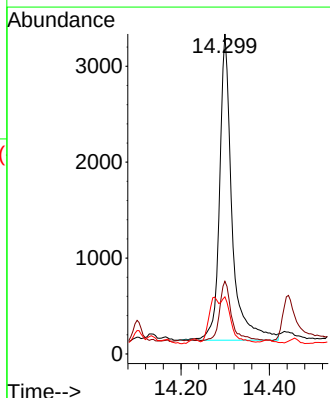
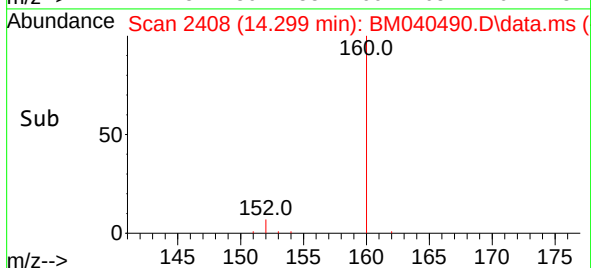
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

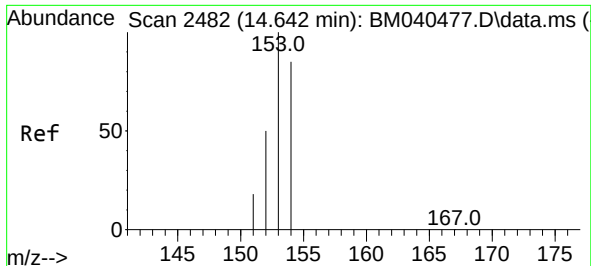


#10
Acenaphthylene
Concen: 0.103 ng/u1
RT: 14.299 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34



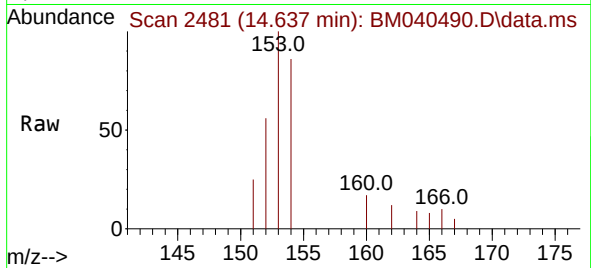
Tgt Ion:152 Resp: 6254
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.2
153 17.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

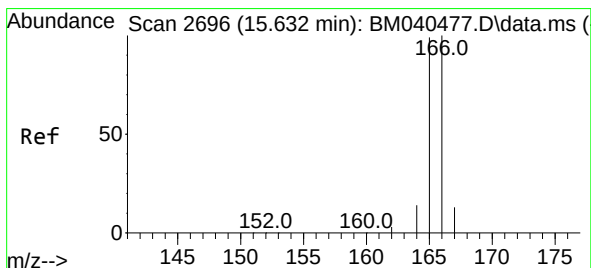
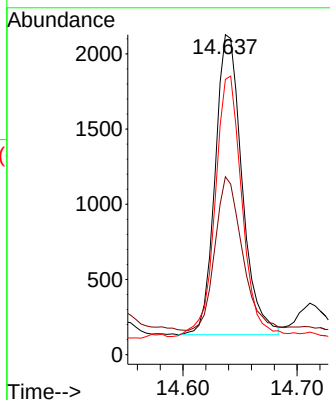
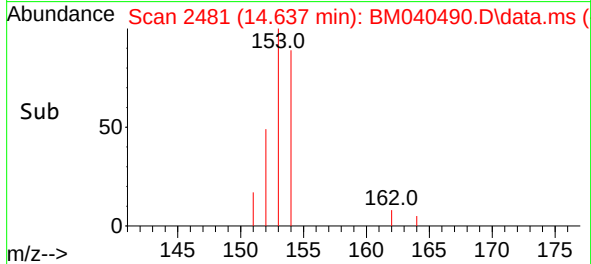
Instrument :
BNA_M
ClientSampleId :
DCFW2



Tgt Ion:153 Resp: 326
Ion Ratio Lower Upper
153 100
152 55.6 41.0 61.4
154 86.0 70.8 106.2

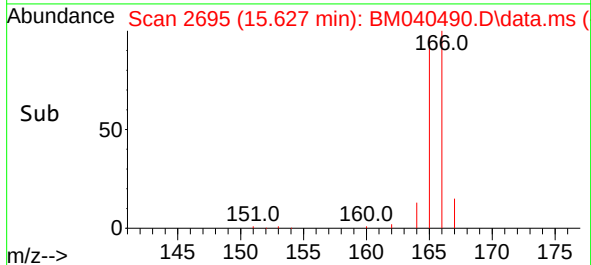
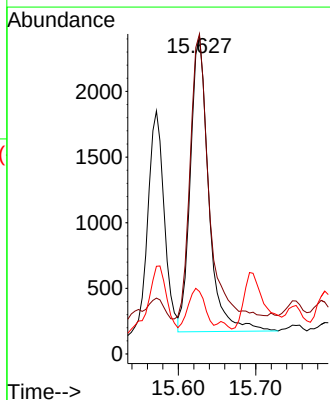
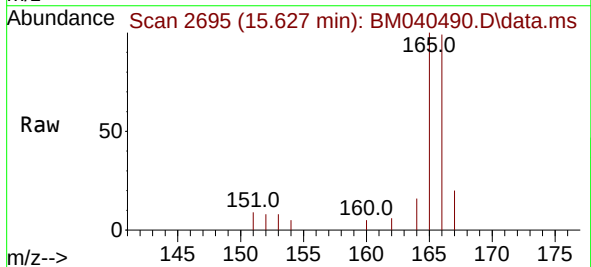
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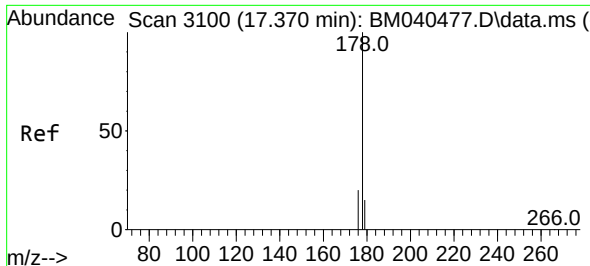
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

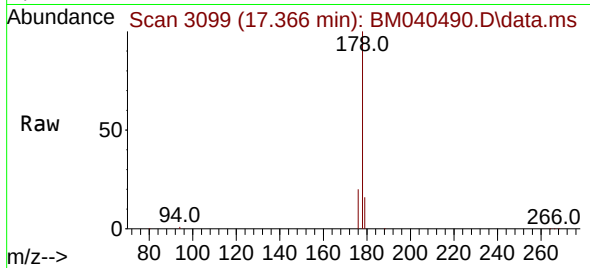
Tgt Ion:166 Resp: 3690
Ion Ratio Lower Upper
166 100
165 100.6 79.6 119.4
167 19.6 11.4 17.0#





#15
Phenanthrene
Concen: 1.986 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

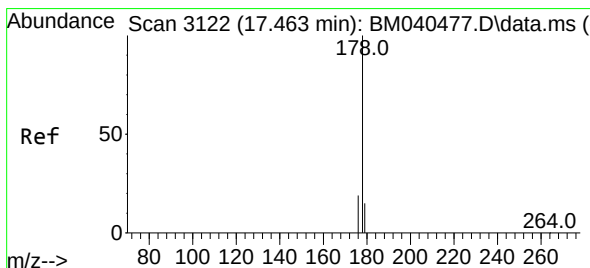
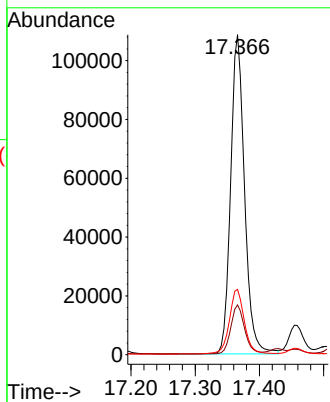
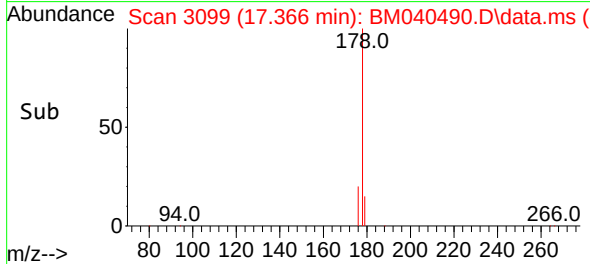
Instrument :
BNA_M
ClientSampleId :
DCFW2



Tgt Ion:178 Resp: 162648
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 20.4 16.4 24.6

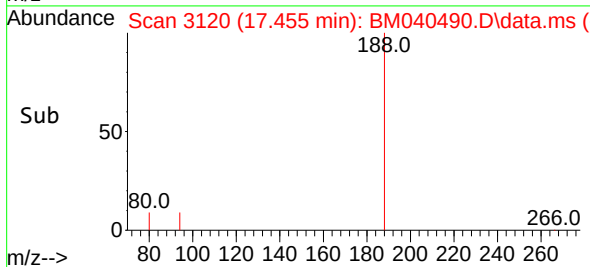
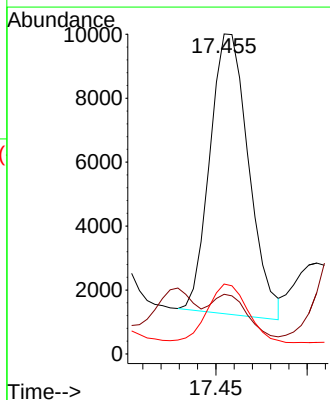
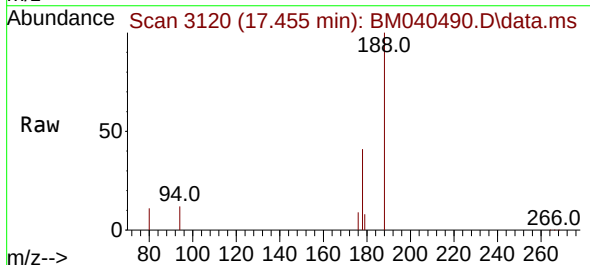
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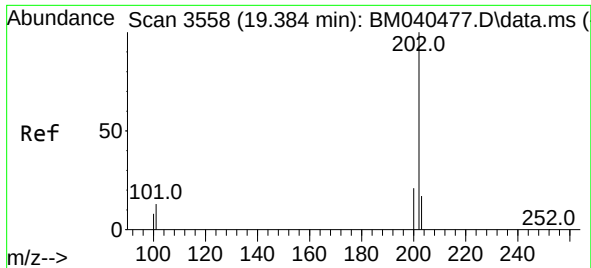
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.187 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

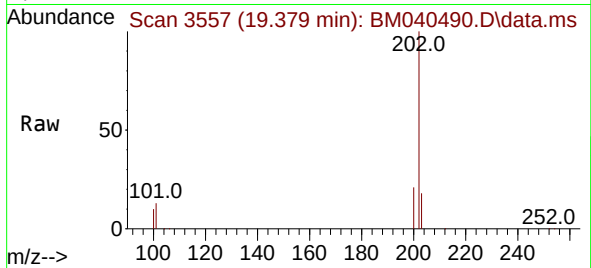
Tgt Ion:178 Resp: 12902
Ion Ratio Lower Upper
178 100
179 18.6 12.9 19.3
176 21.8 15.8 23.6





#19
Fluoranthene
Concen: 7.987 ng/ul
RT: 19.379 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

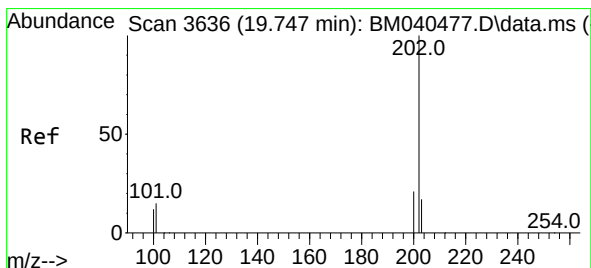
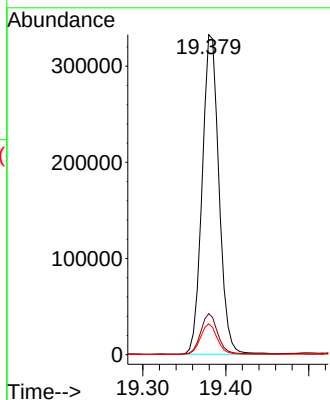
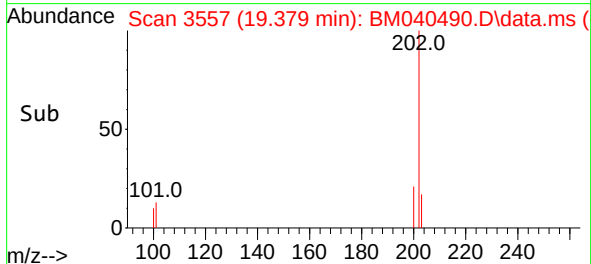
Instrument :
BNA_M
ClientSampleId :
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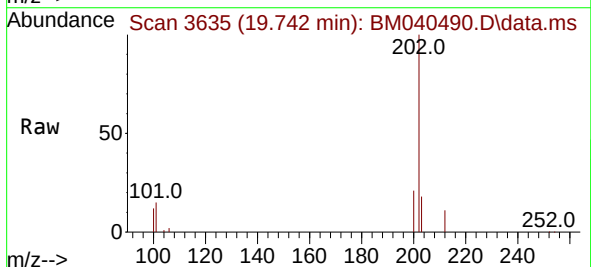
Tgt Ion:202 Resp: 46879
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.7 8.7 13.1

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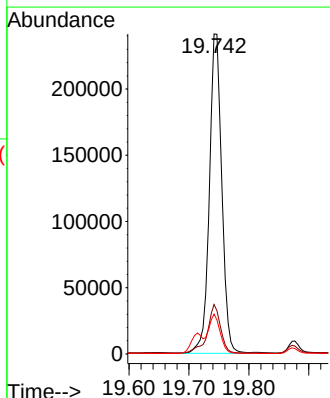
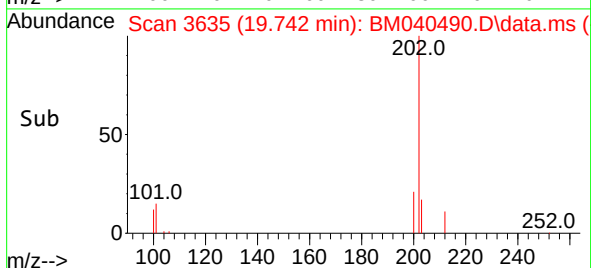
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

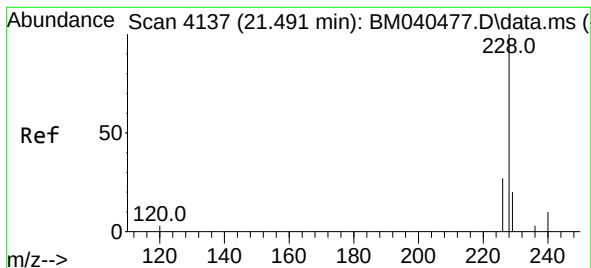


#20
Pyrene
Concen: 5.529 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34



Tgt Ion:202 Resp: 347910
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.5 9.8 14.6





#21

Benzo(a)anthracene

Concen: 2.926 ng/uI

RT: 21.488 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040490.D

Acq: 01 Jul 2023 02:34

Instrument :

BNA_M

ClientSampleId :

DCFV2

Tgt Ion:228 Resp: 13675

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

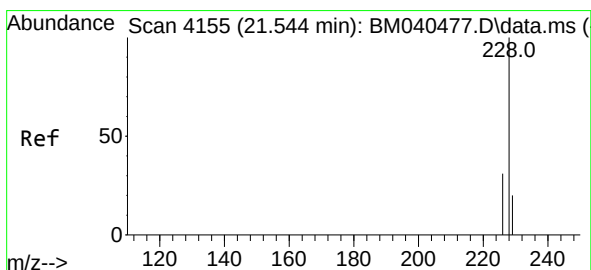
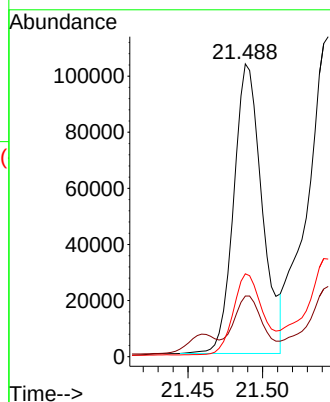
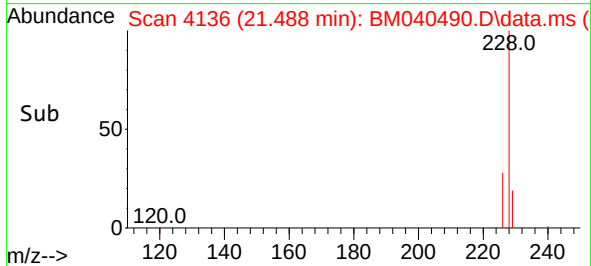
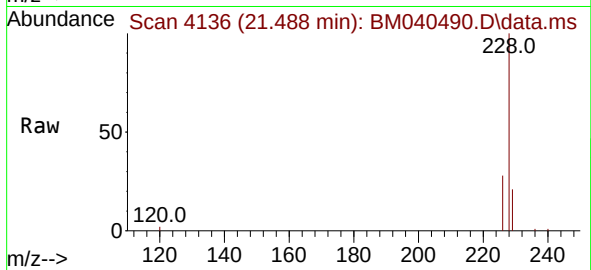
226 28.3 22.3 33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#22

Chrysene

Concen: 3.393 ng/uI

RT: 21.544 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BM040490.D

Acq: 01 Jul 2023 02:34

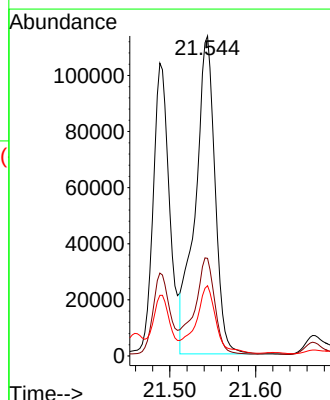
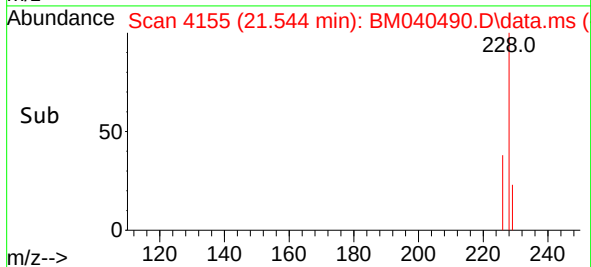
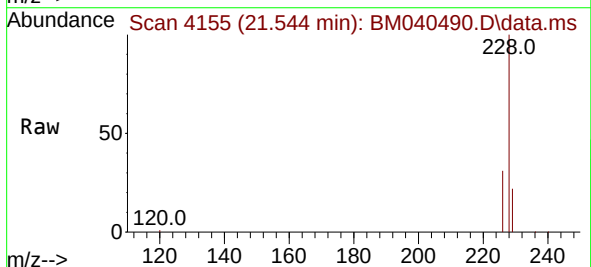
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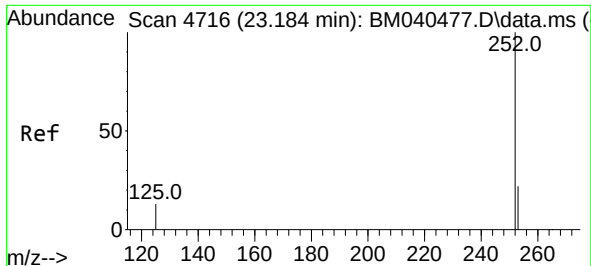
Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

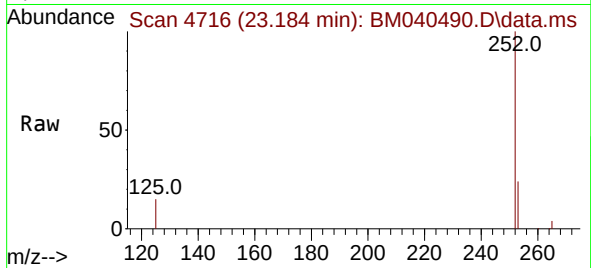
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.405 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

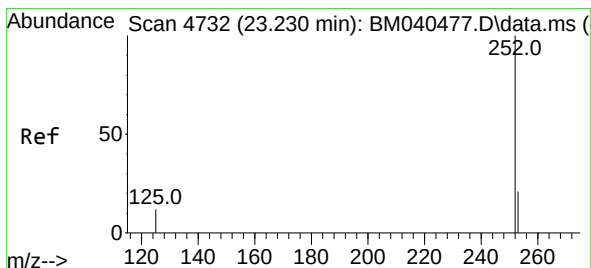
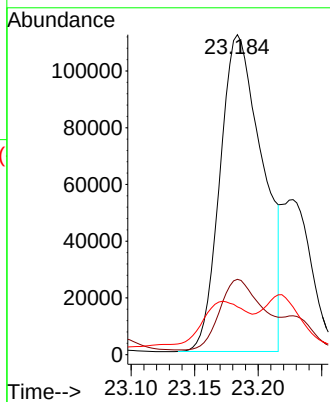
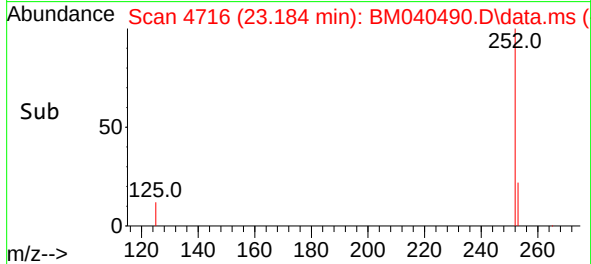
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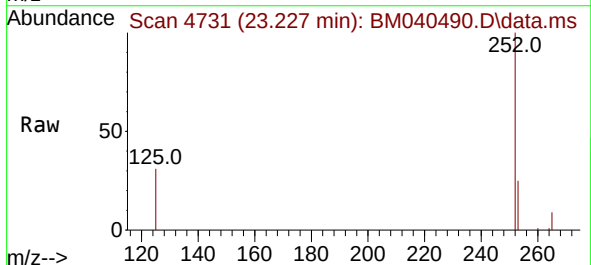
Tgt Ion:252 Resp: 26076
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 15.0 0.0 43.0

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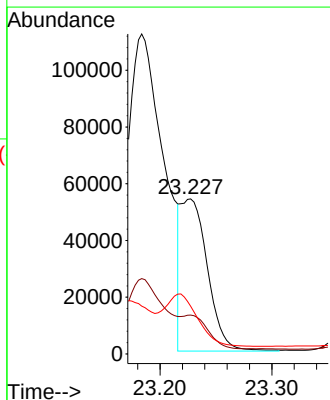
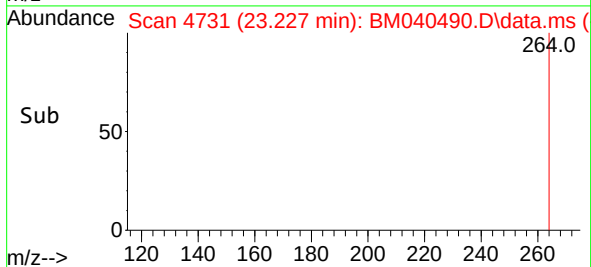
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

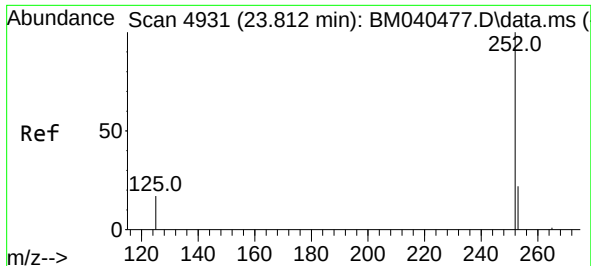


#25
Benzo(k)fluoranthene
Concen: 1.531 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34



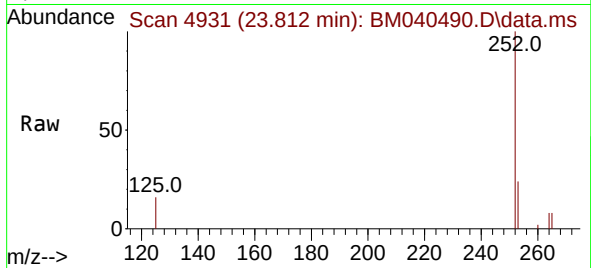
Tgt Ion:252 Resp: 89295
Ion Ratio Lower Upper
252 100
253 25.1 21.2 31.8
125 30.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.761 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

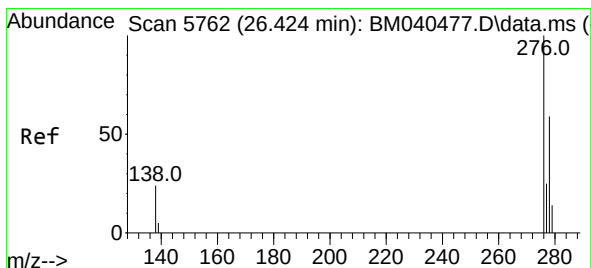
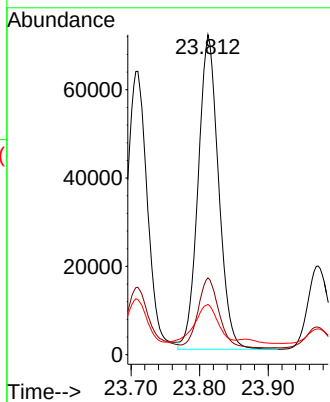
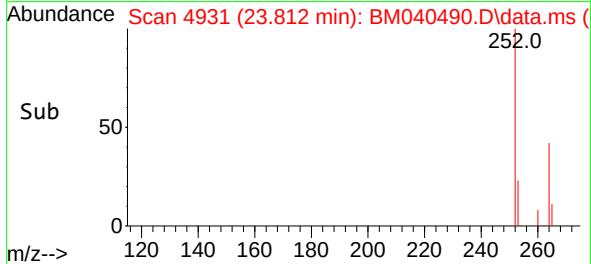
Instrument :
BNA_M
ClientSampleId :
DCF2W2



Tgt Ion:252 Resp: 147215
Ion Ratio Lower Upper
252 100
253 24.0 22.9 34.3
125 15.7 21.0 31.4

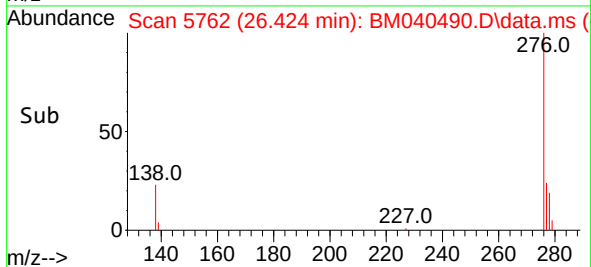
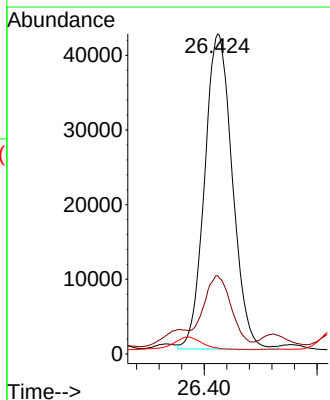
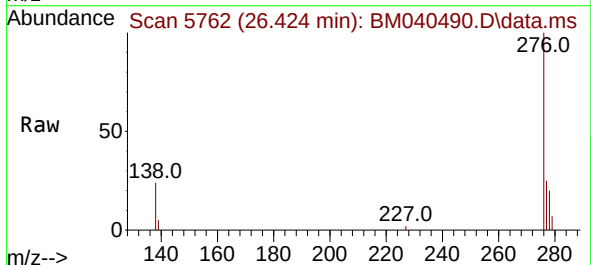
Manual Integrations
APPROVED

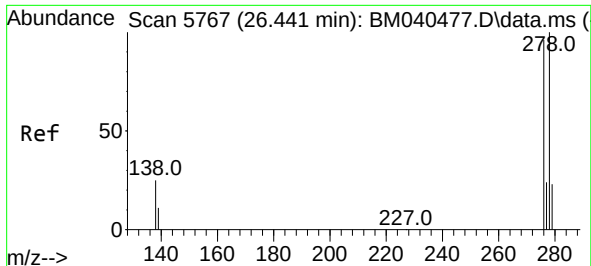
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.943 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

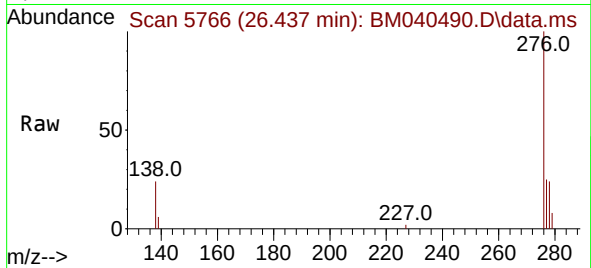
Tgt Ion:276 Resp: 144315
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.562 ng/ul
RT: 26.437 min Scan# 5767
Delta R.T. 0.000 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34

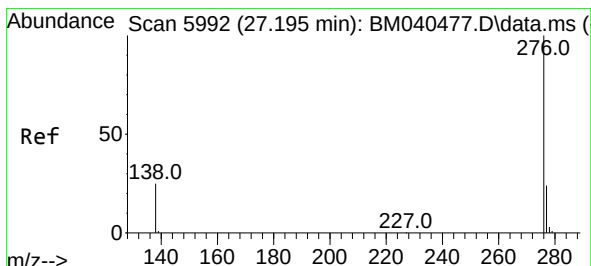
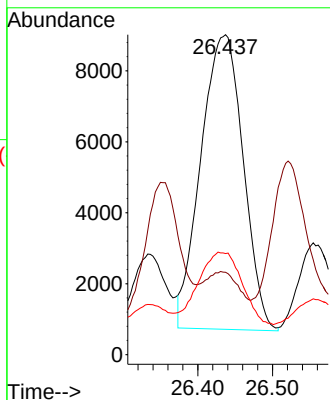
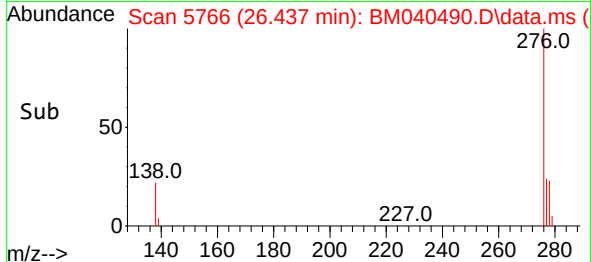
Instrument :
BNA_M
ClientSampleId :
DCFW2



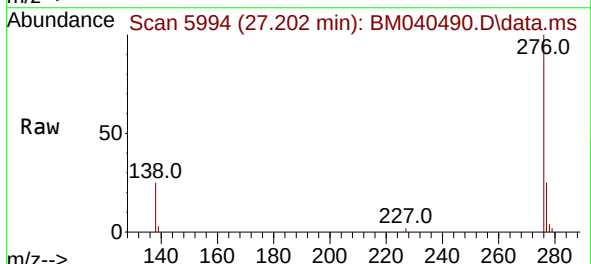
Tgt Ion:278 Resp: 3267
Ion Ratio Lower Upper
278 100
139 25.7 17.9 26.9
279 31.6 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.996 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040490.D
Acq: 01 Jul 2023 02:34



Tgt Ion:276 Resp: 129954
Ion Ratio Lower Upper
276 100
138 25.2 23.0 34.6
277 24.9 20.3 30.5

