

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040453.D
 Acq On : 30 Jun 2023 00:49
 Operator : MA/JU
 Sample : 03161-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:08:28 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	4513	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	17082	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	8810	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	19468	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	15584	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15434	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25406	3.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	6364	0.266	ng/ul	-0.02
18) Fluoranthene-d10	19.352	212	14895	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	3568	0.076	ng/ul#	85
7) 2-Methylnaphthalene	12.411	142	2135	0.077	ng/ul	97
8) 1-Methylnaphthalene	12.626	142	1534	0.055	ng/ul	95
10) Acenaphthylene	14.304	152	14909	0.379	ng/ul	99
11) Acenaphthene	14.642	153	1669	0.050	ng/ul	96
12) Fluorene	15.627	166	1462	0.041	ng/ul#	88
15) Phenanthrene	17.370	178	112843	1.866	ng/ul	98
16) Anthracene	17.459	178	23582	0.464	ng/ul	99
19) Fluoranthene	19.384	202	297734	4.498	ng/ul	95
20) Pyrene	19.747	202	213493	3.008	ng/ul	98
21) Benzo(a)anthracene	21.491	228	112393	2.132	ng/ul	99
22) Chrysene	21.544	228	123186	2.049	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	153901	2.577	ng/ul	91
25) Benzo(k)fluoranthene	23.230	252	51835m	0.881	ng/ul	
26) Benzo(a)pyrene	23.815	252	79105	1.470	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.424	276	69746	0.931	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.434	278	18825	0.321	ng/ul#	90
29) Benzo(g,h,i)perylene	27.202	276	61270	0.933	ng/ul	97

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

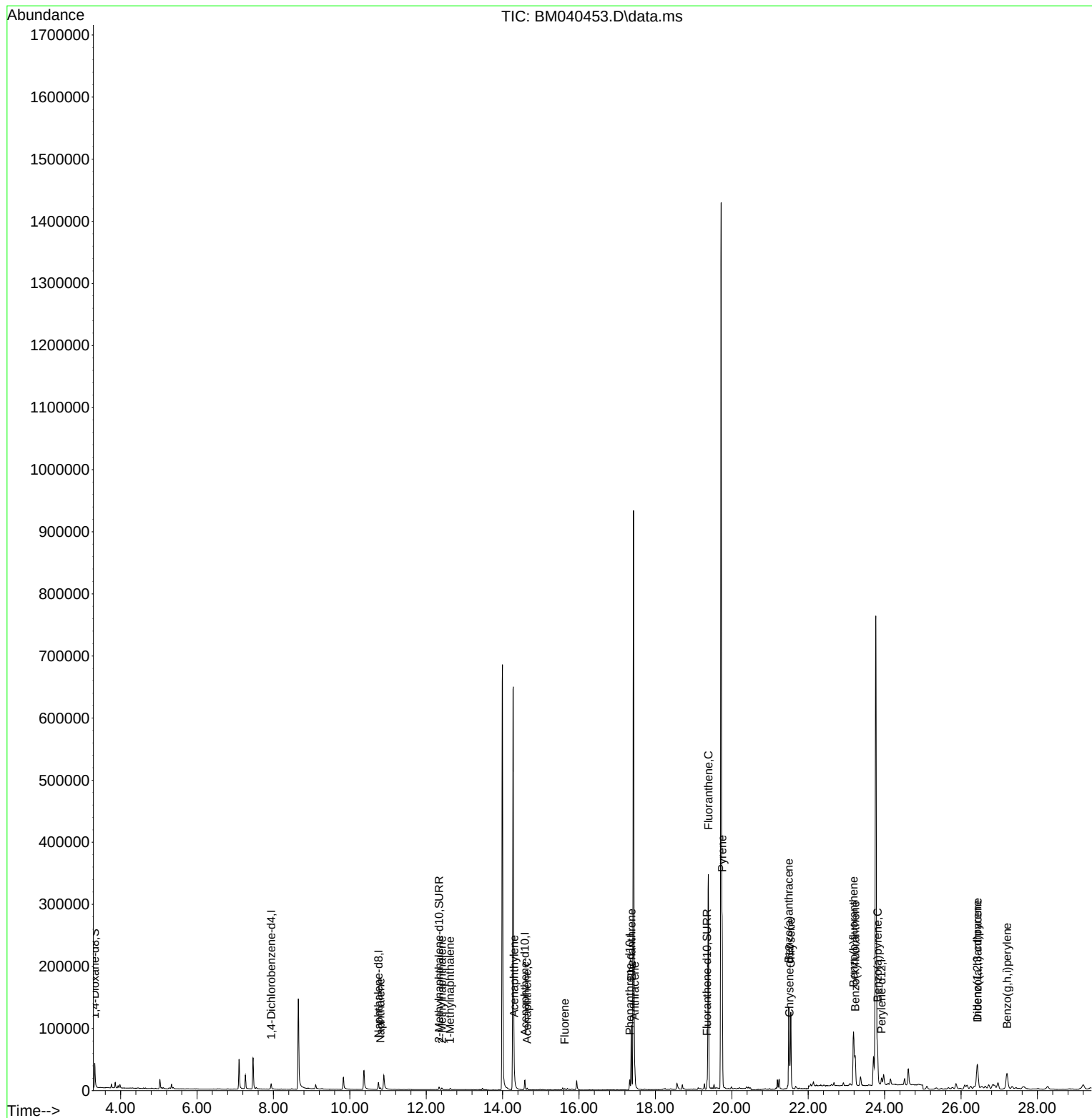
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040453.D
Acq On : 30 Jun 2023 00:49
Operator : MA/JU
Sample : 03161-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

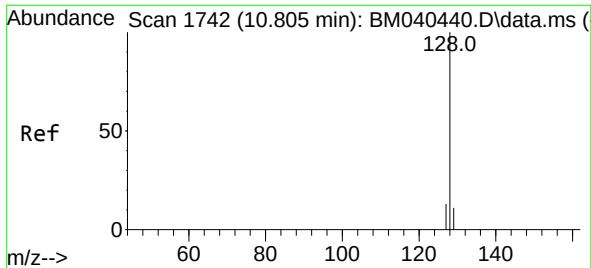
Instrument :
BNA_M
ClientSampleId :
DCFX7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

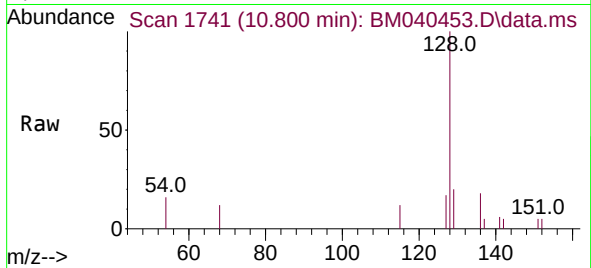
Quant Time: Jun 30 03:08:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.800 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

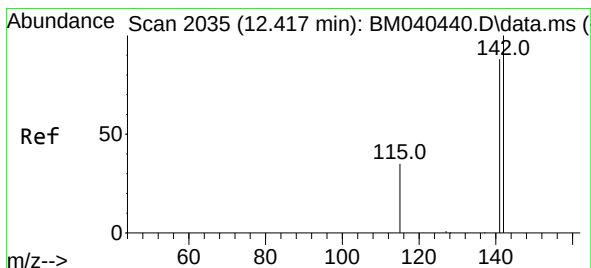
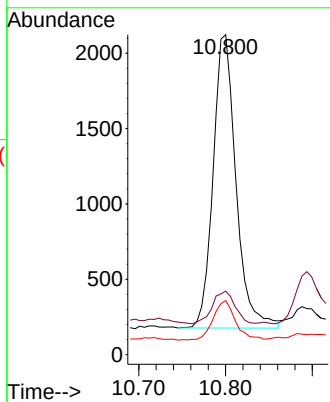
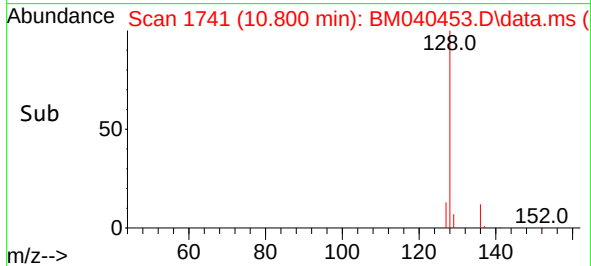
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion:128 Resp: 3568
Ion Ratio Lower Upper
128 100
129 19.8 9.2 13.8
127 16.9 10.6 15.8

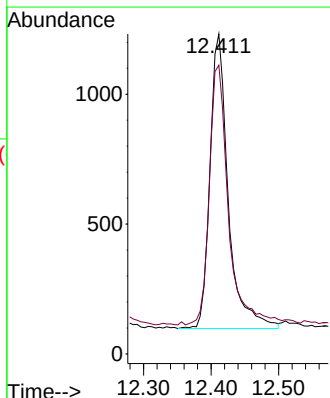
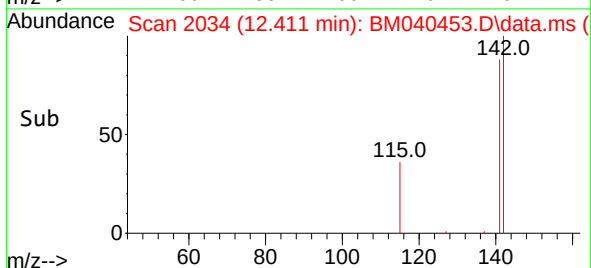
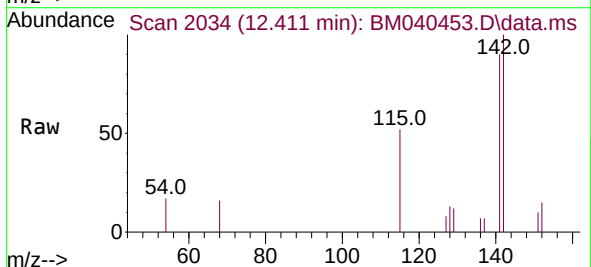
Manual Integrations
APPROVED

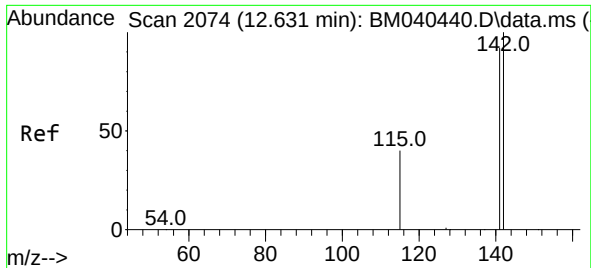
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

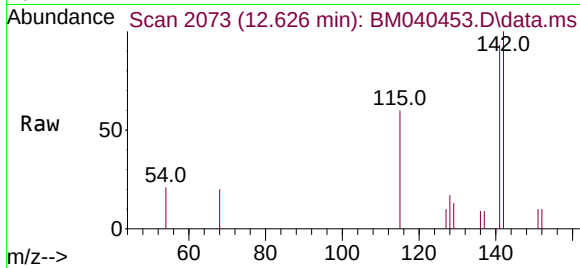
Tgt Ion:142 Resp: 2135
Ion Ratio Lower Upper
142 100
141 92.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. -0.016 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

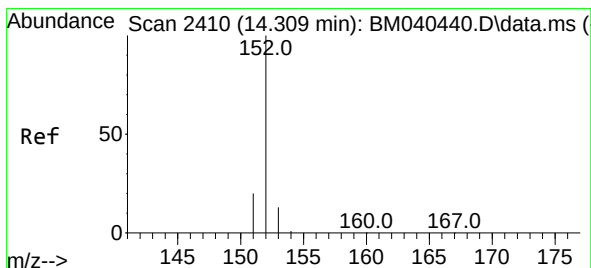
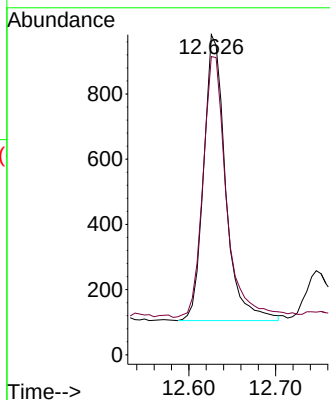
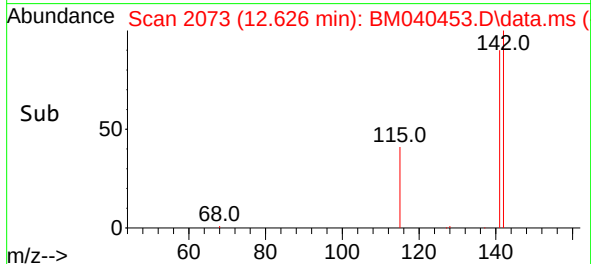
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion:142 Resp: 1534
Ion Ratio Lower Upper
142 100
141 97.1 73.7 110.5

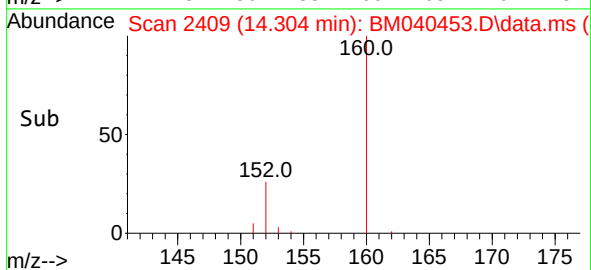
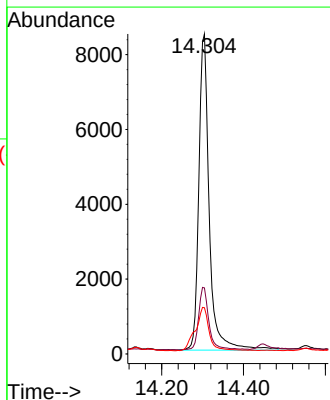
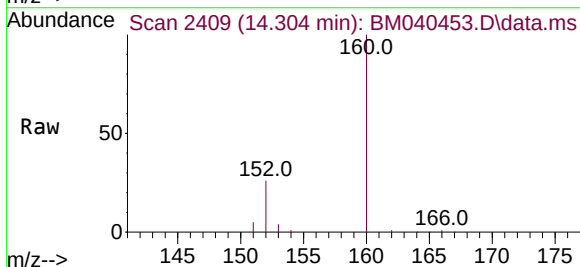
Manual Integrations
APPROVED

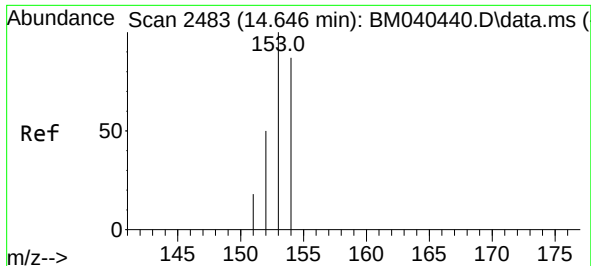
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

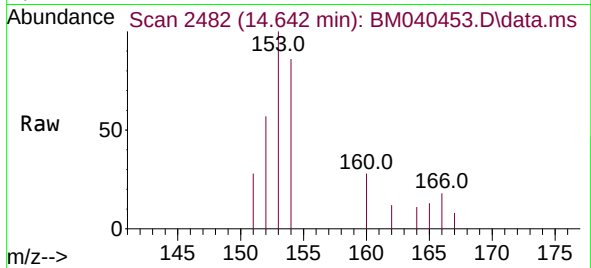
Tgt Ion:152 Resp: 14909
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.050 ng/u1
RT: 14.642 min Scan# 2482
Delta R.T. -0.014 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

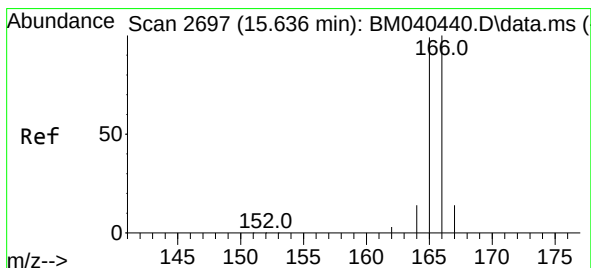
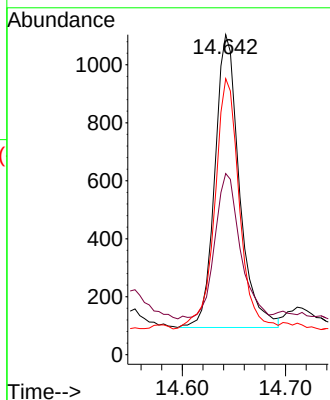
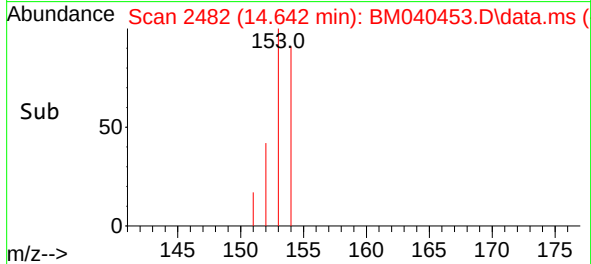
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion:153 Resp: 1669
Ion Ratio Lower Upper
153 100
152 56.6 41.0 61.4
154 86.2 70.8 106.2

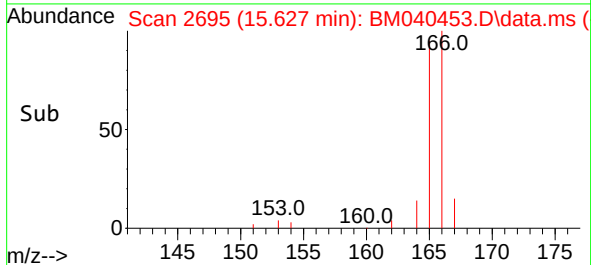
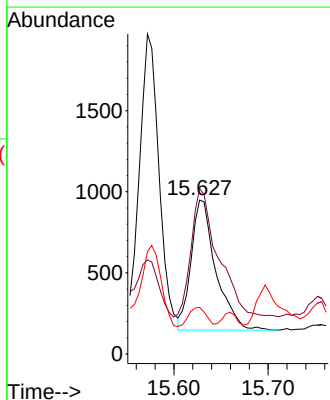
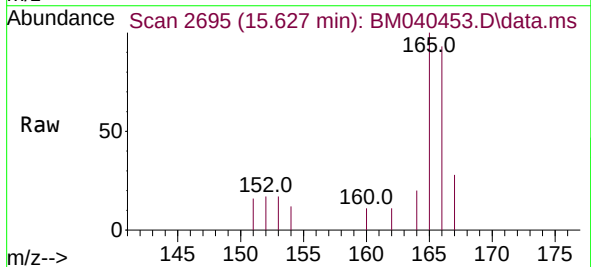
Manual Integrations
APPROVED

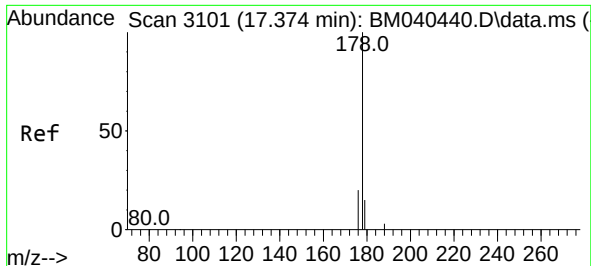
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.041 ng/u1
RT: 15.627 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

Tgt Ion:166 Resp: 1462
Ion Ratio Lower Upper
166 100
165 107.5 79.6 119.4
167 30.2 11.4 17.0#





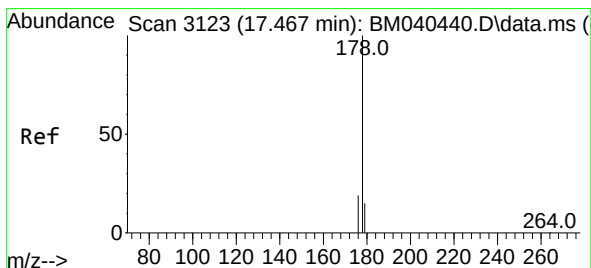
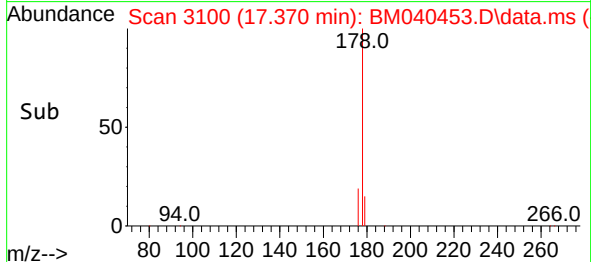
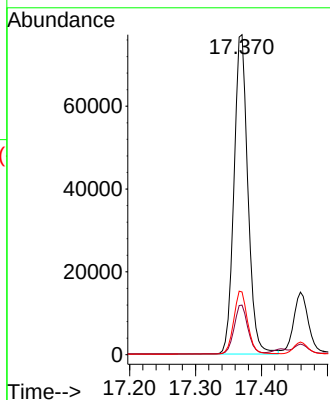
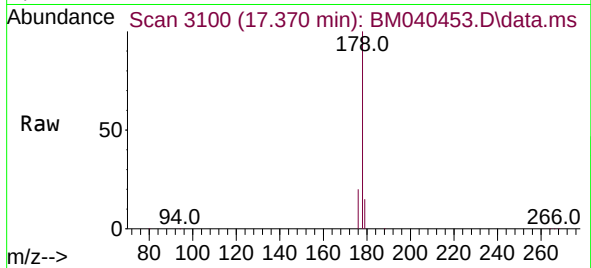
#15
Phenanthrene
Concen: 1.866 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

Instrument :
BNA_M
ClientSampleId :
DCFX7

Tgt Ion:178 Resp: 11284
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

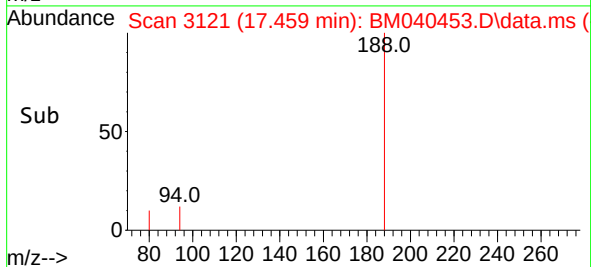
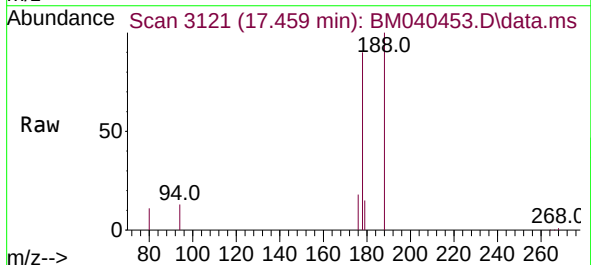
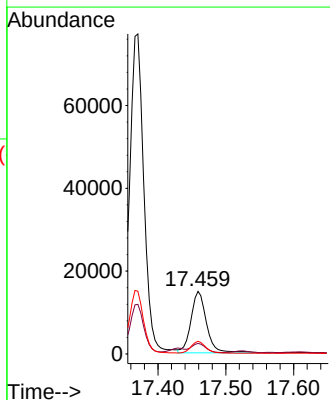
Manual Integrations
APPROVED

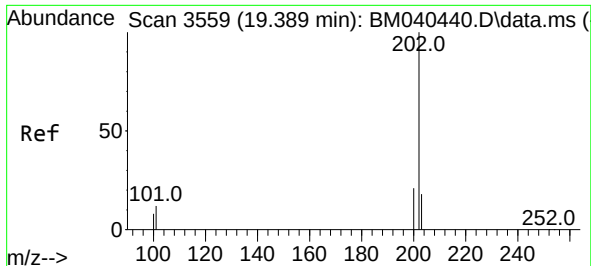
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.464 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.013 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

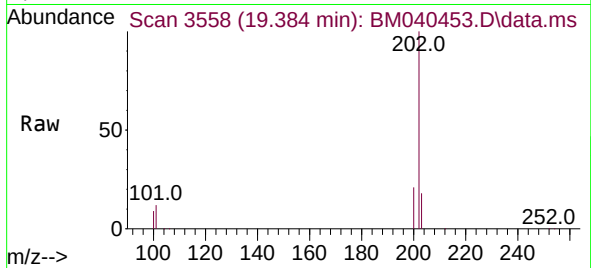
Tgt Ion:178 Resp: 23582
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.1 15.8 23.6





#19
Fluoranthene
Concen: 4.498 ng/u1
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

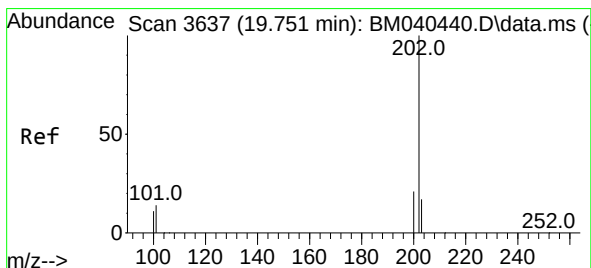
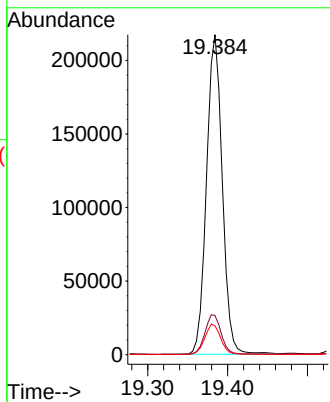
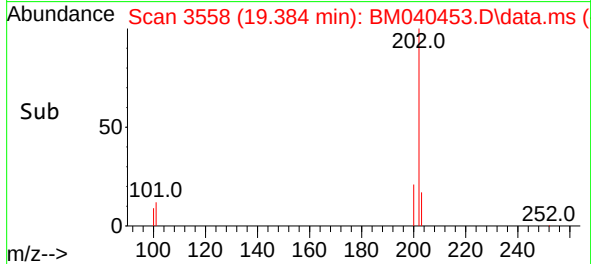
Instrument :
BNA_M
ClientSampleId :
DCFX7



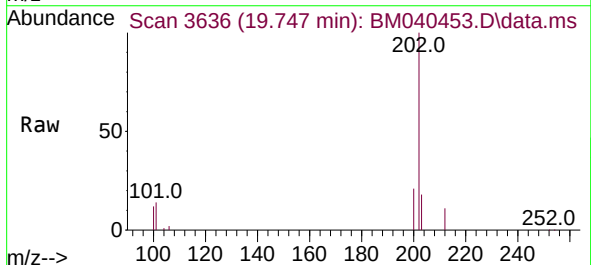
Tgt Ion:202 Resp: 297734
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.0 8.7 13.1

Manual Integrations
APPROVED

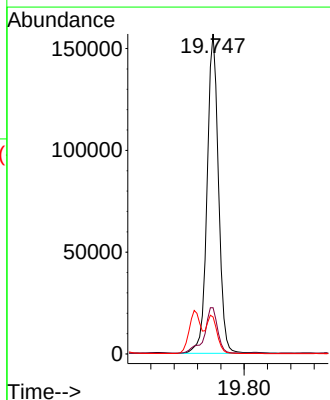
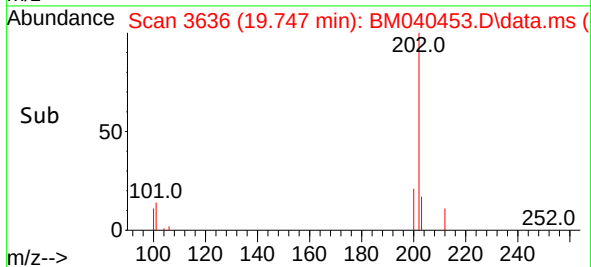
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

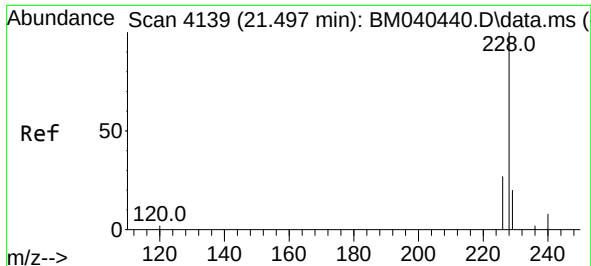


#20
Pyrene
Concen: 3.008 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49



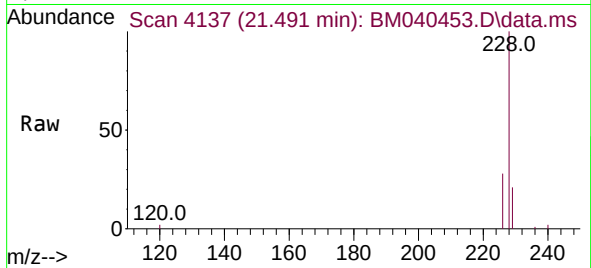
Tgt Ion:202 Resp: 213493
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.132 ng/ul
RT: 21.491 min Scan# 4139
Delta R.T. -0.009 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

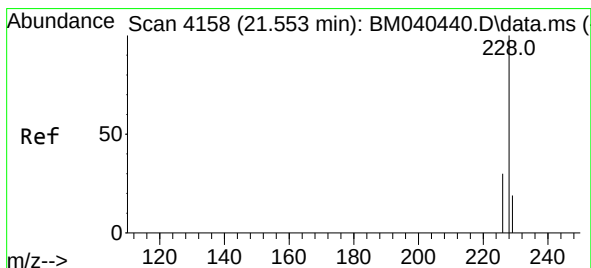
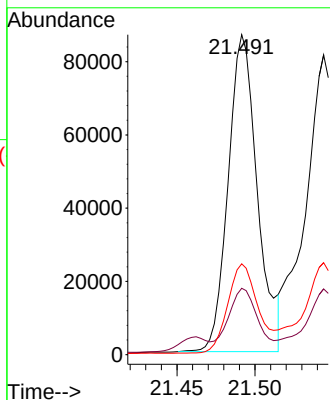
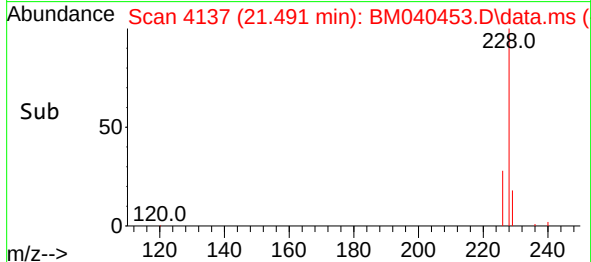
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion:228 Resp: 11239
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.4 22.3 33.5

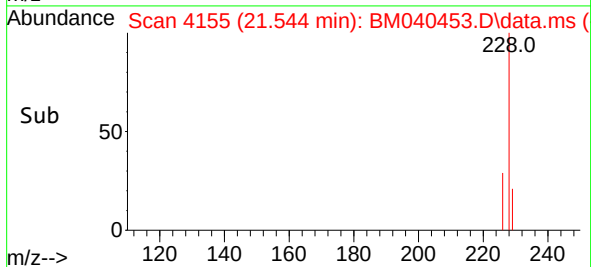
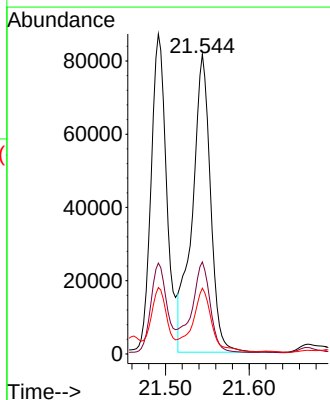
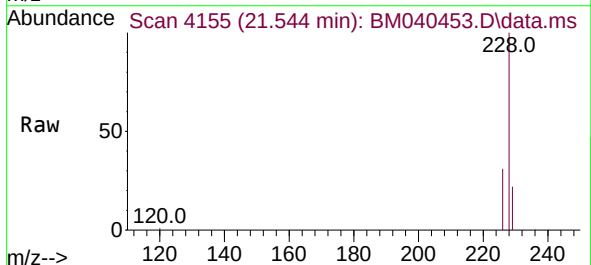
Manual Integrations
APPROVED

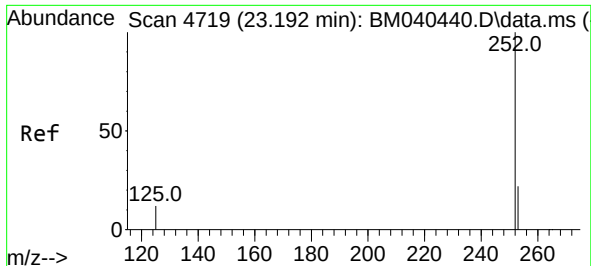
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 2.049 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

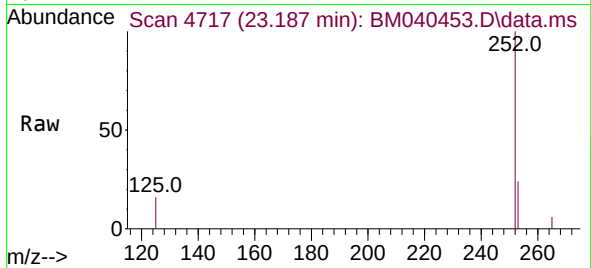
Tgt Ion:228 Resp: 123186
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.577 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

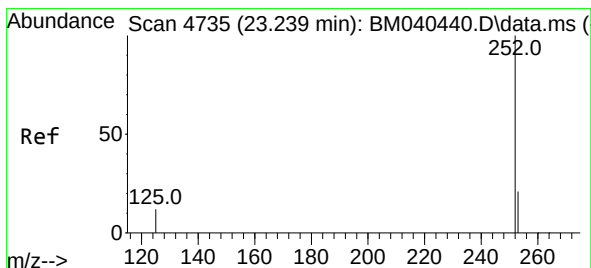
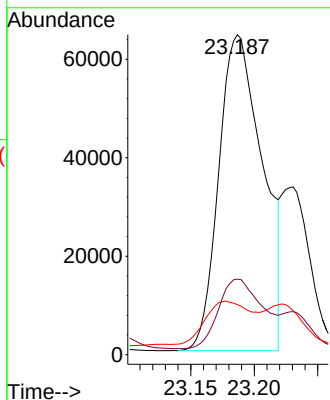
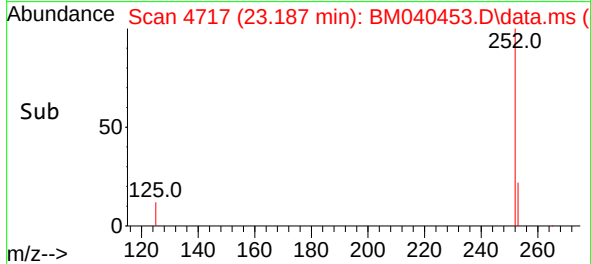
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion:252 Resp: 15390
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.8
125 15.6 0.0 43.0

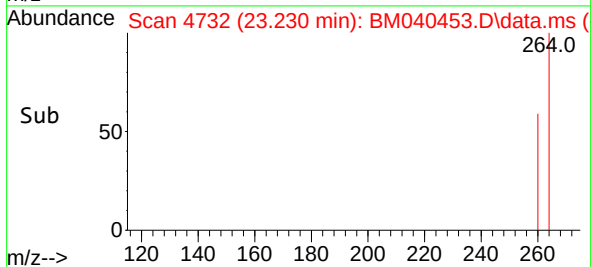
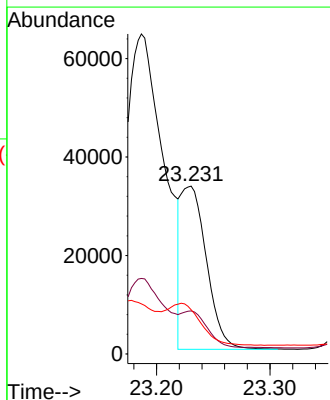
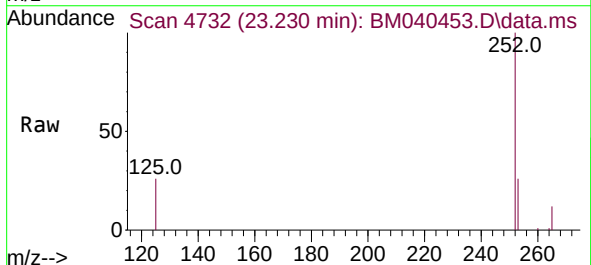
Manual Integrations
APPROVED

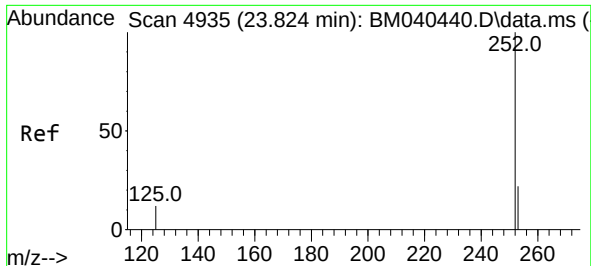
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.881 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

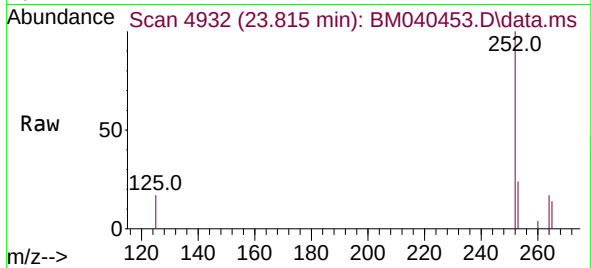
Tgt Ion:252 Resp: 51835
Ion Ratio Lower Upper
252 100
253 25.7 21.2 31.8
125 26.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.470 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

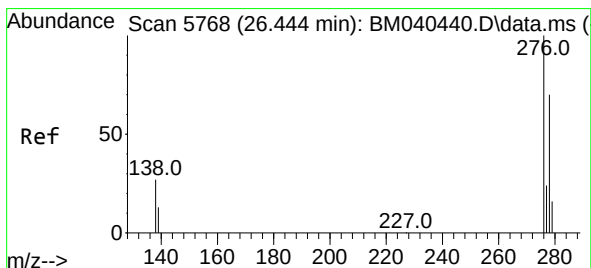
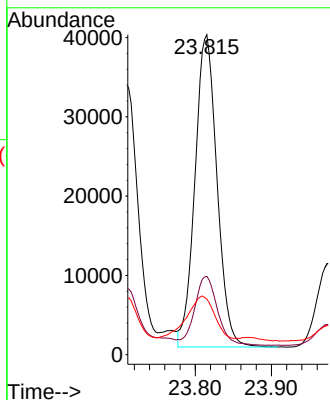
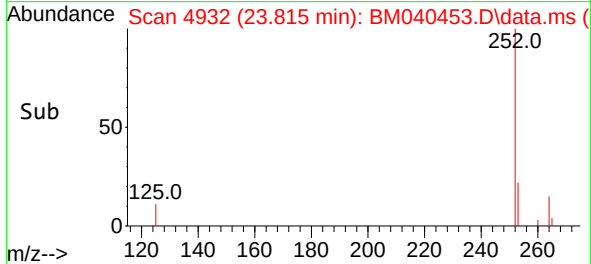
Instrument :
BNA_M
ClientSampleId :
DCFX7



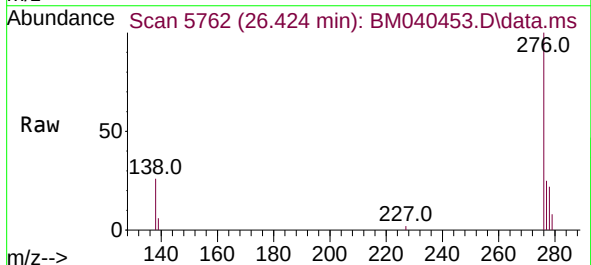
Tgt Ion:252 Resp: 7910
Ion Ratio Lower Upper
252 100
253 24.5 22.9 34.3
125 17.4 21.0 31.4

Manual Integrations
APPROVED

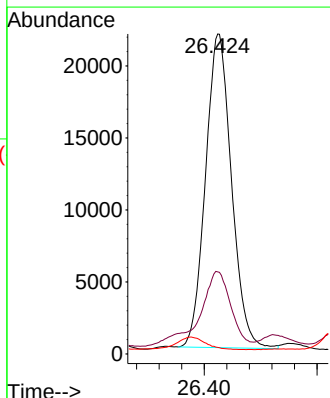
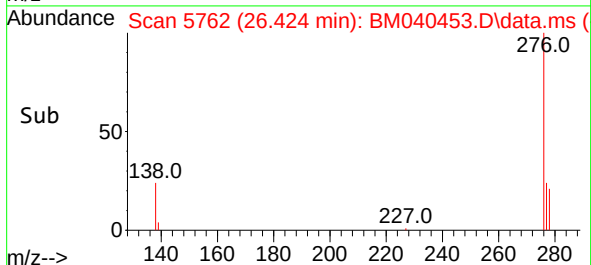
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

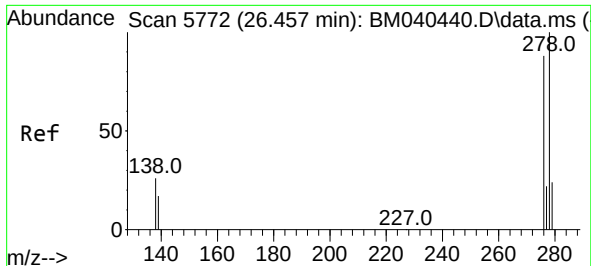


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.931 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49



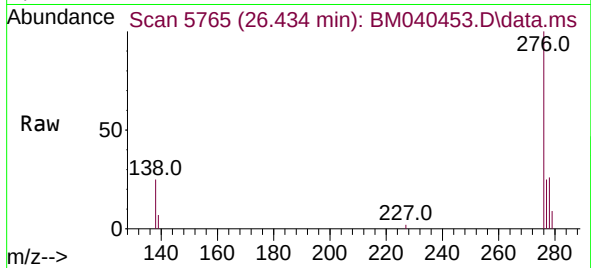
Tgt Ion:276 Resp: 69746
Ion Ratio Lower Upper
276 100
138 28.9 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

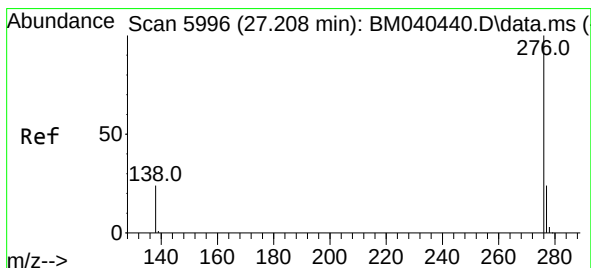
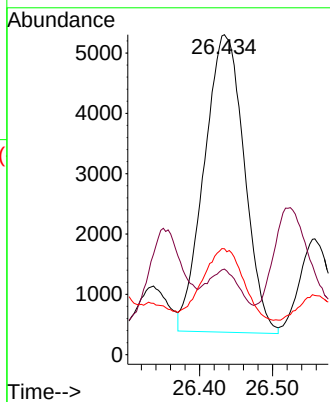
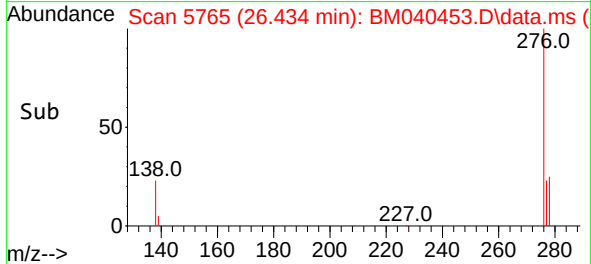
Instrument :
BNA_M
ClientSampleId :
DCFX7



Tgt Ion: 278 Resp: 1882
Ion Ratio Lower Upper
278 100
139 26.7 17.9 26.9
279 33.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.933 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040453.D
Acq: 30 Jun 2023 00:49

Tgt Ion: 276 Resp: 61270
Ion Ratio Lower Upper
276 100
138 26.8 23.0 34.6
277 24.7 20.3 30.5

