

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040283.D
 Acq On : 16 Jun 2023 16:33
 Operator : MA/JU
 Sample : 03080-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:39:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	34706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	18068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	30357	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18067	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	18128	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	43376	3.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	11739	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	16222	0.360	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	31001	0.377	ng/ul	98
7) 2-Methylnaphthalene	12.439	142	16367	0.320	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	10034	0.187	ng/ul	98
10) Acenaphthylene	14.327	152	38006	0.601	ng/ul	99
11) Acenaphthene	14.670	153	14112	0.260	ng/ul	99
12) Fluorene	15.655	166	11205	0.186	ng/ul#	97
15) Phenanthrene	17.391	178	320045	4.010	ng/ul	99
16) Anthracene	17.484	178	54139	0.801	ng/ul	100
19) Fluoranthene	19.403	202	813495	13.218	ng/ul	100
20) Pyrene	19.770	202	665947	10.415	ng/ul	97
21) Benzo(a)anthracene	21.509	228	313950	5.887	ng/ul	98
22) Chrysene	21.561	228	374848	6.654	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	651335	9.747	ng/ul	93
25) Benzo(k)fluoranthene	23.257	252	203679m	3.237	ng/ul	
26) Benzo(a)pyrene	23.844	252	409898	7.475	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.467	276	371939	5.358	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.477	278	91219	1.637	ng/ul	96
29) Benzo(g,h,i)perylene	27.245	276	356013	6.141	ng/ul	99

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

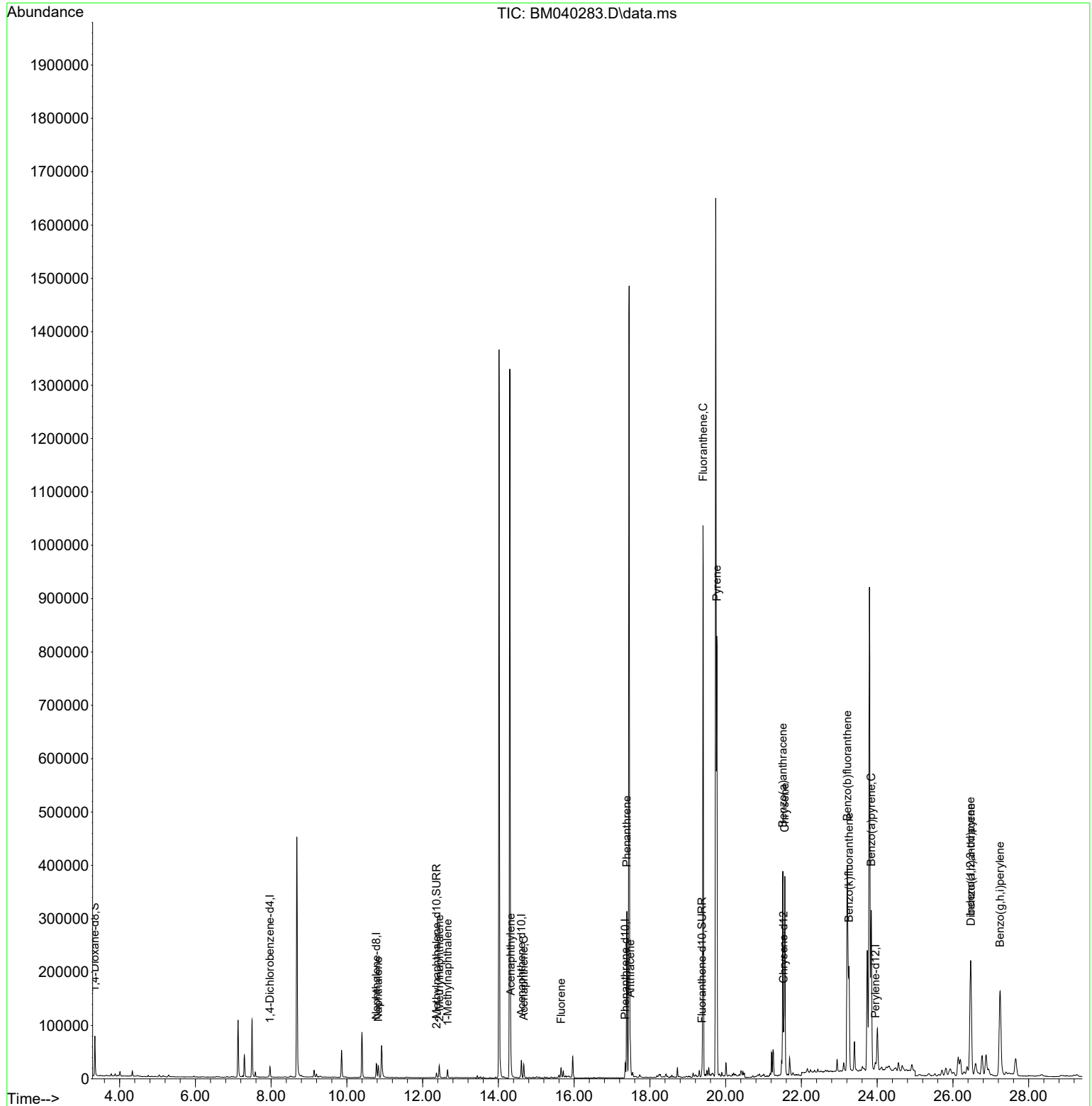
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040283.D
Acq On : 16 Jun 2023 16:33
Operator : MA/JU
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ALS Vial : 9 Sample Multiplier: 1

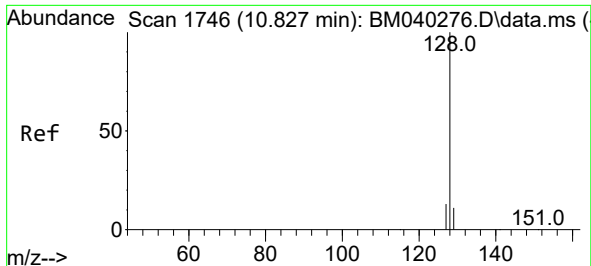
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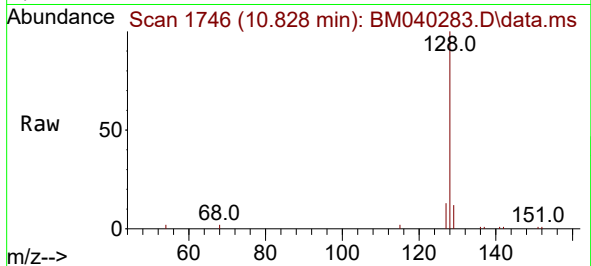
Quant Time: Jun 16 23:39:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

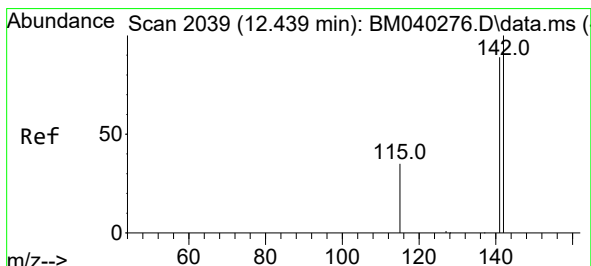
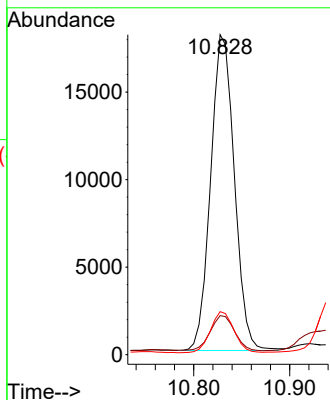
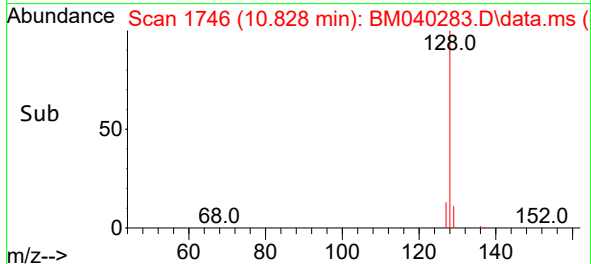
Instrument :
BNA_M
ClientSampleId :
DCFH6



Tgt Ion:128 Resp: 3100
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.4 15.6

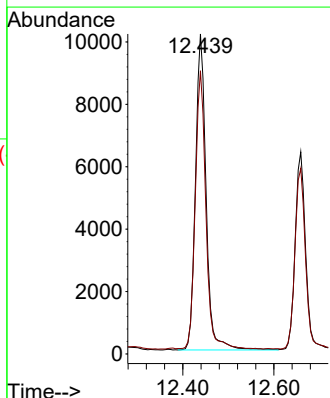
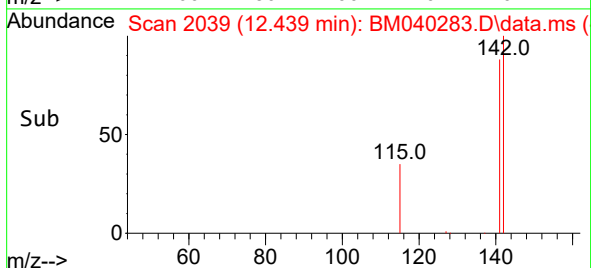
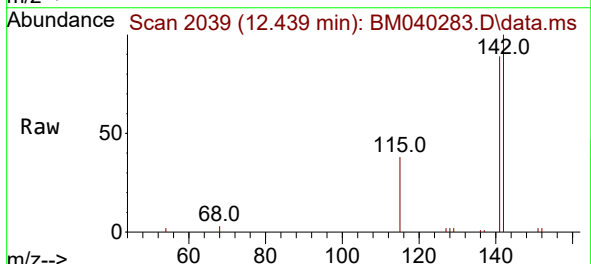
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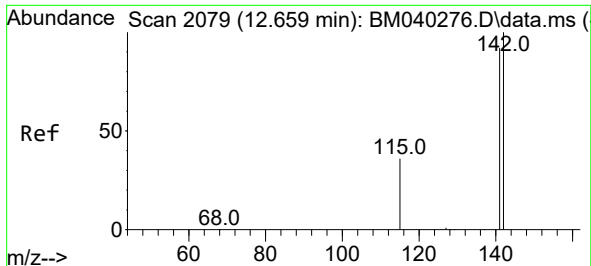
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

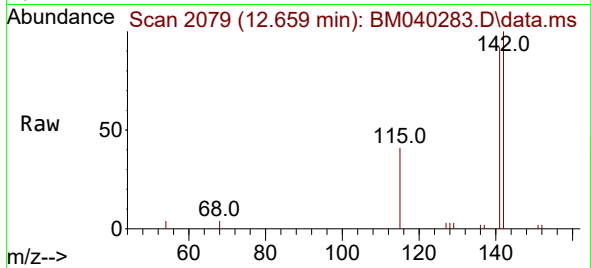
Tgt Ion:142 Resp: 16367
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

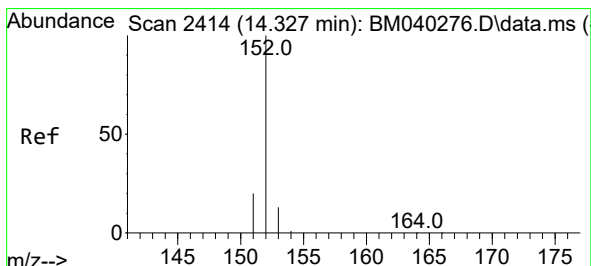
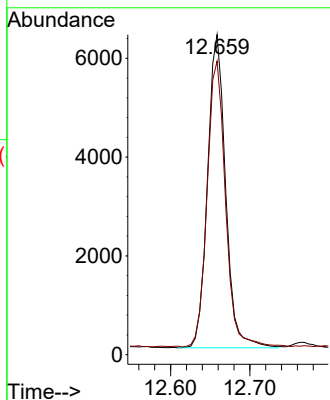
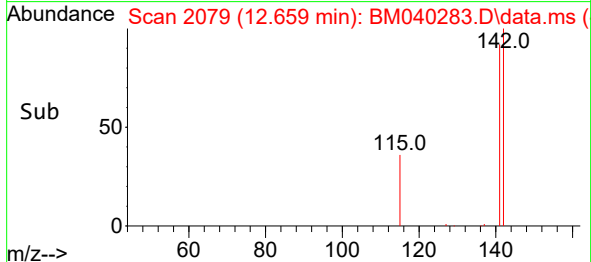
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Tgt Ion:142 Resp: 10034
Ion Ratio Lower Upper
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141 92.7 73.0 109.4

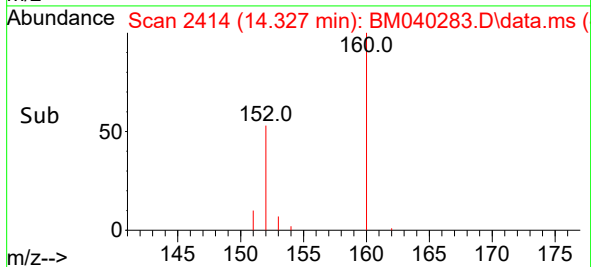
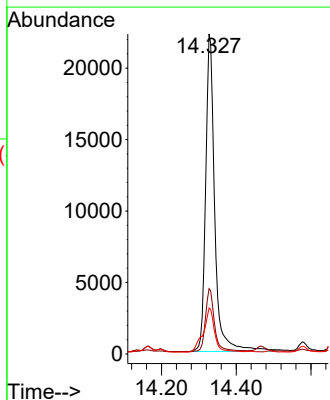
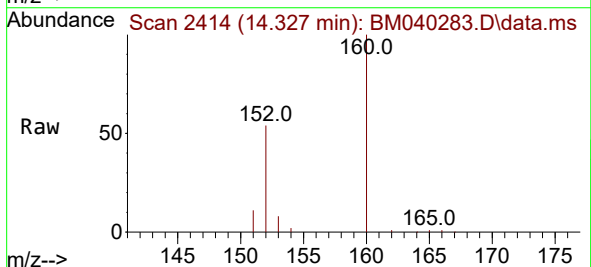
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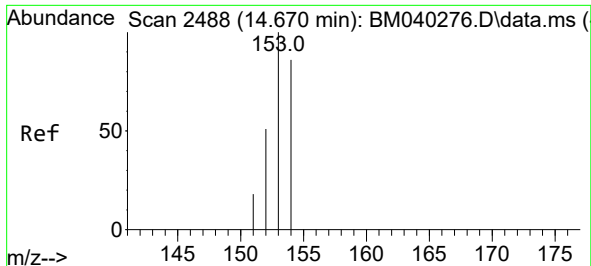
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.601 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

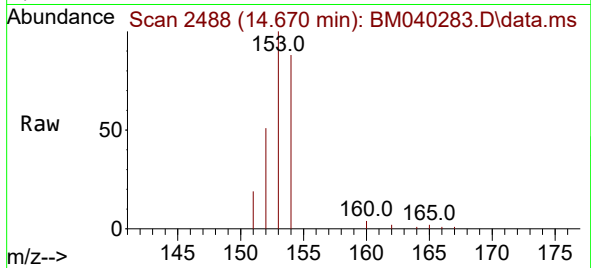
Tgt Ion:152 Resp: 38006
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.4 10.7 16.1





#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

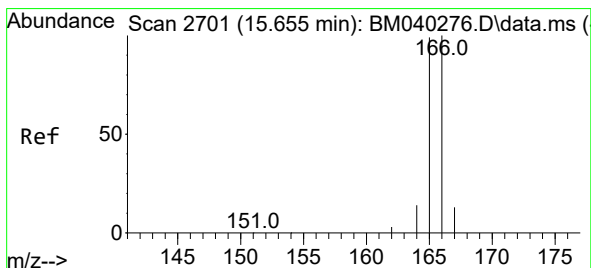
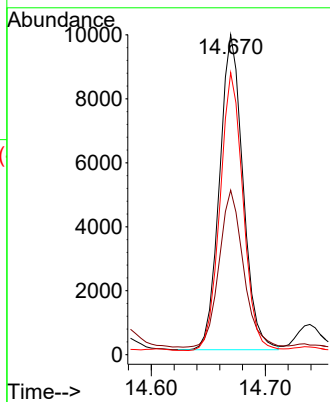
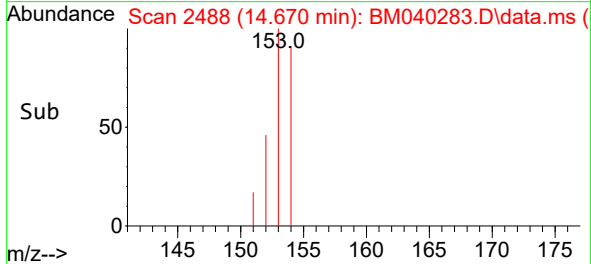
Instrument :
BNA_M
ClientSampleId :
DCFH6



Tgt Ion:153 Resp: 1411
Ion Ratio Lower Upper
153 100
152 51.4 40.3 60.5
154 88.2 70.5 105.7

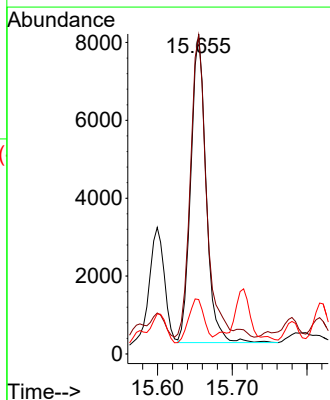
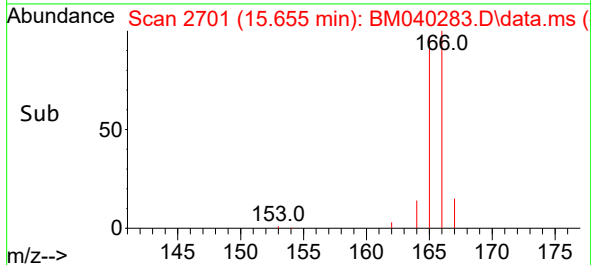
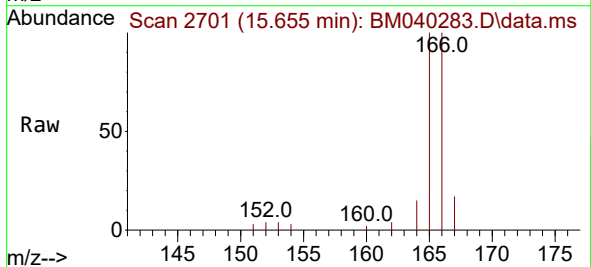
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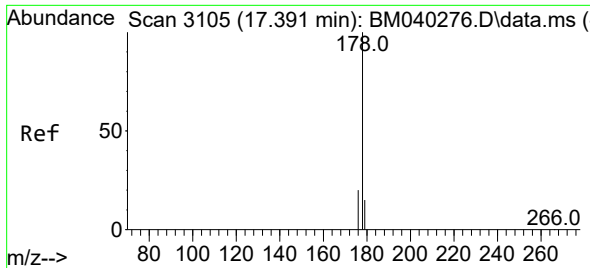
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

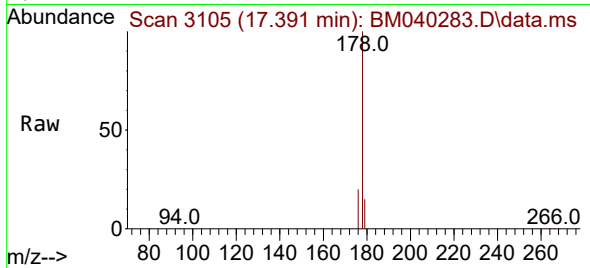
Tgt Ion:166 Resp: 11205
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 17.0 11.0 16.4#





#15
Phenanthrene
Concen: 4.010 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

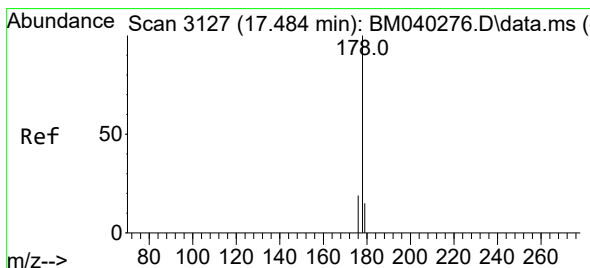
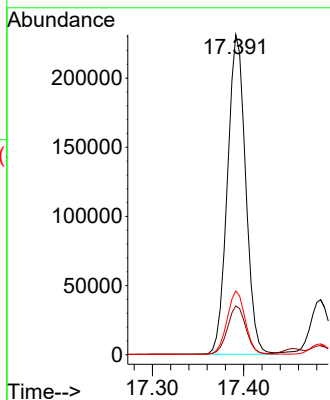
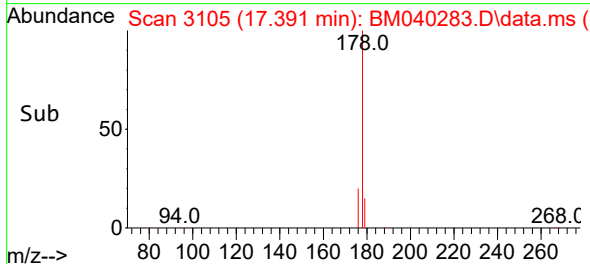
Instrument :
BNA_M
ClientSampleId :
DCFH6



Tgt Ion:178 Resp: 320045
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.9 16.1 24.1

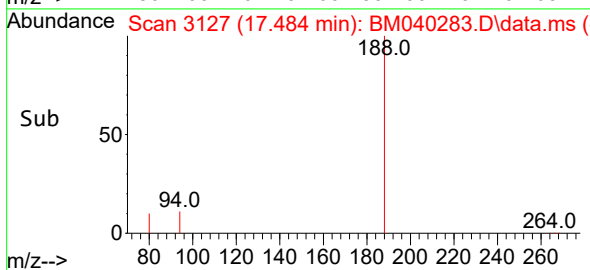
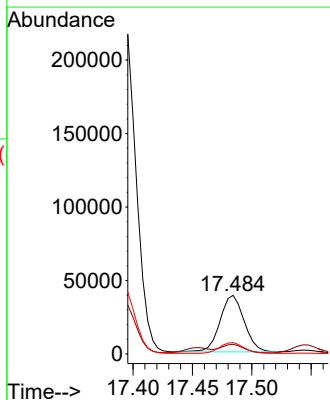
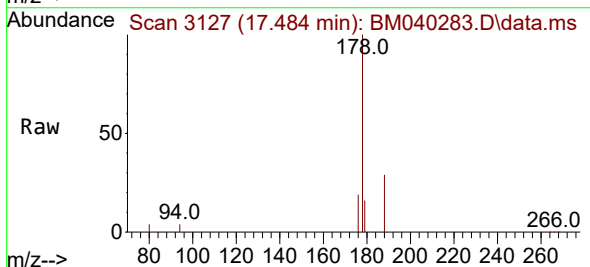
Manual Integrations
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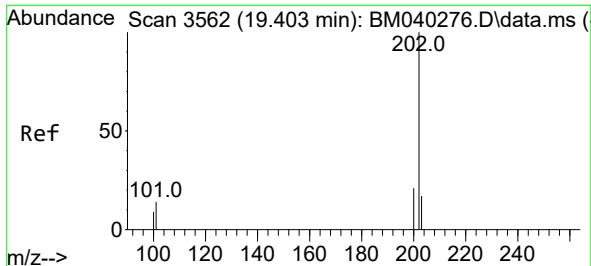
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
Anthracene
Concen: 0.801 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

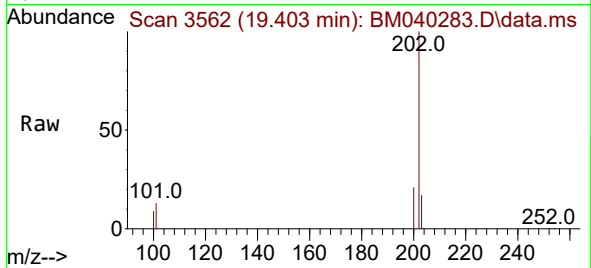
Tgt Ion:178 Resp: 54139
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.4 15.5 23.3





#19
Fluoranthene
Concen: 13.218 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

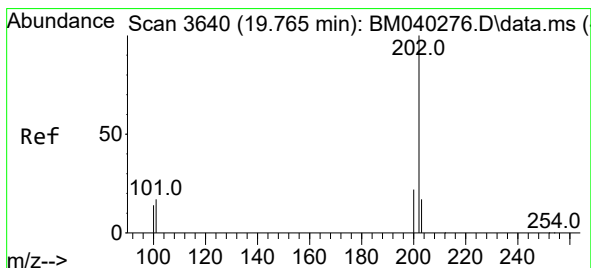
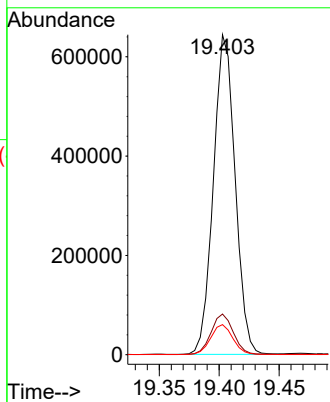
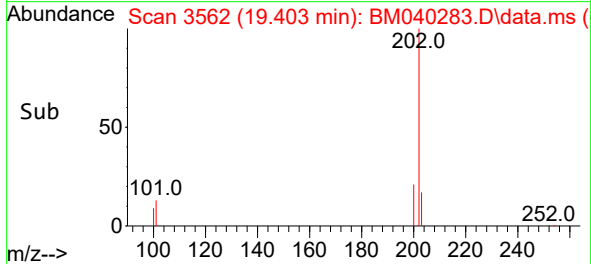
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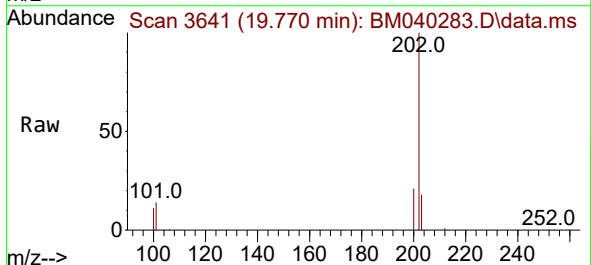
Tgt Ion:202 Resp: 81349
Ion Ratio Lower Upper
202 100
101 12.7 10.2 15.4
100 9.4 7.6 11.4

Manual Integrations
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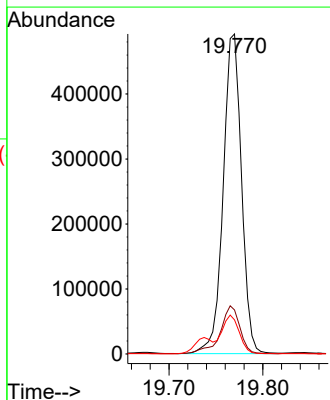
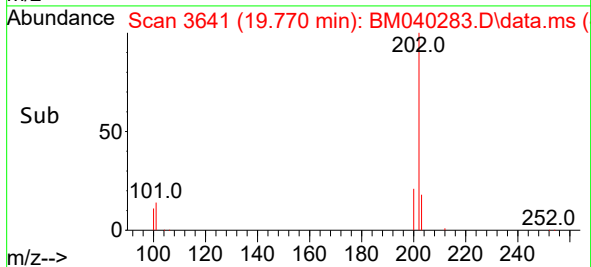
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

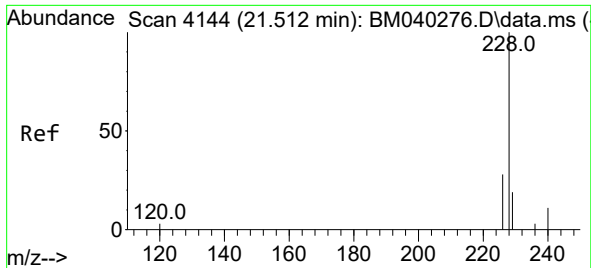


#20
Pyrene
Concen: 10.415 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33



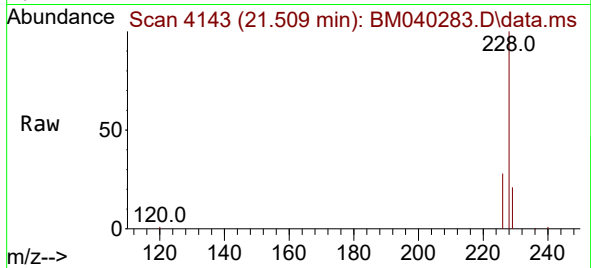
Tgt Ion:202 Resp: 665947
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.8
100 10.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 5.887 ng/ul
RT: 21.509 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

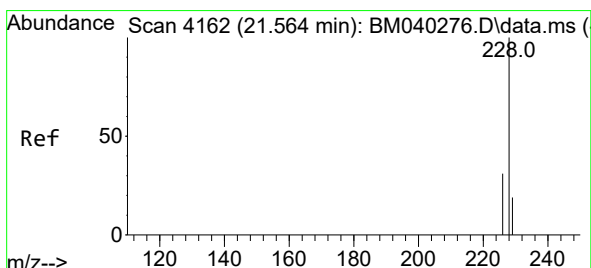
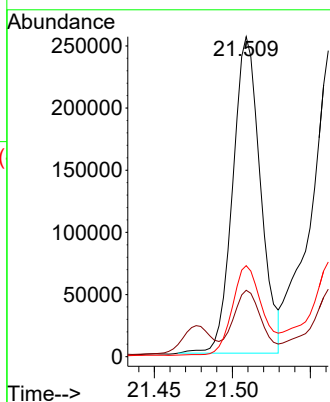
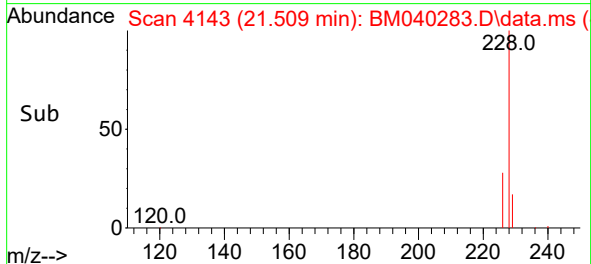
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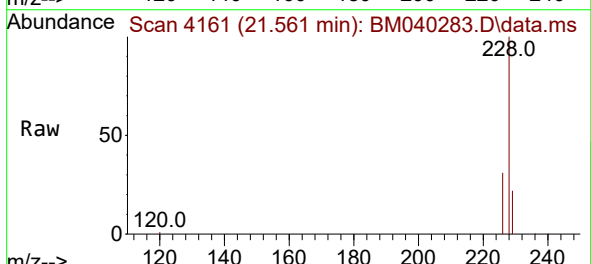
Tgt Ion:228 Resp: 313950
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.4 22.0 33.0

Manual Integrations
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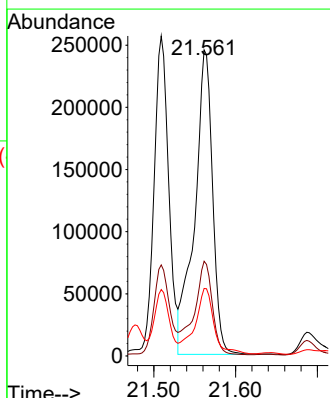
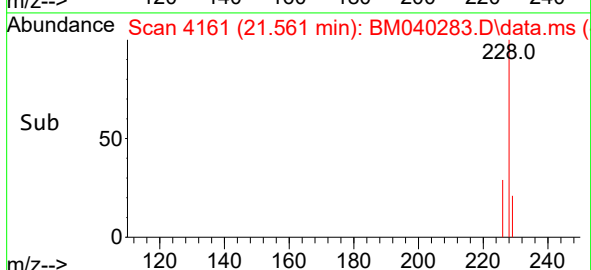
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

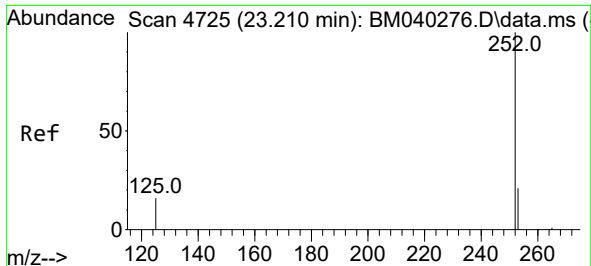


#22
Chrysene
Concen: 6.654 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33



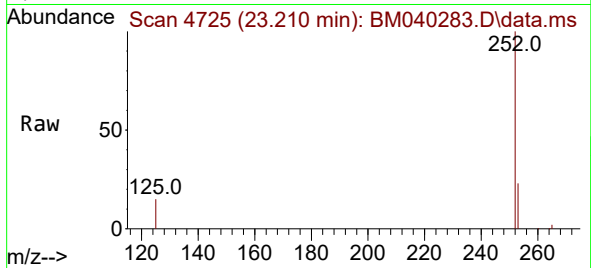
Tgt Ion:228 Resp: 374848
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 9.747 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

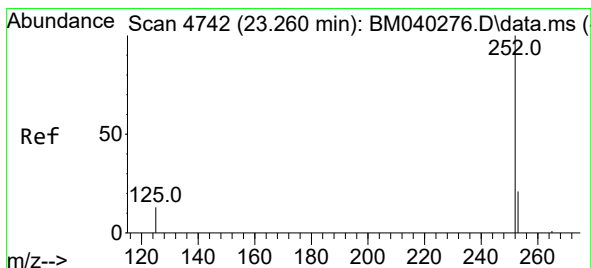
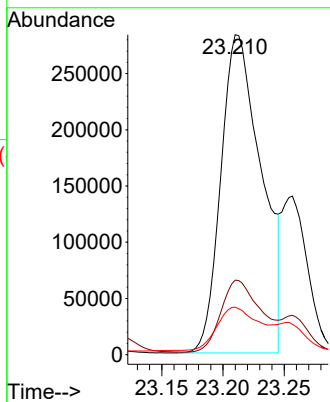
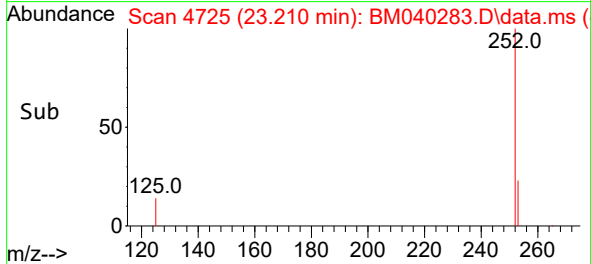
Instrument :
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DCFH6



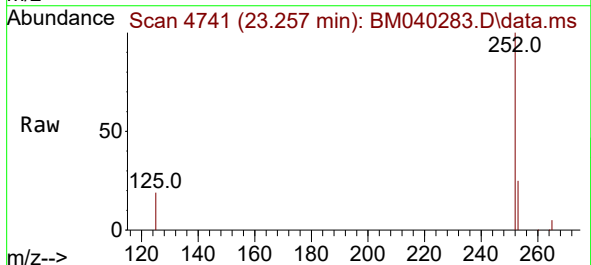
Tgt Ion:252 Resp: 651335
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.4
125 14.8 0.0 38.4

Manual Integrations
APPROVED

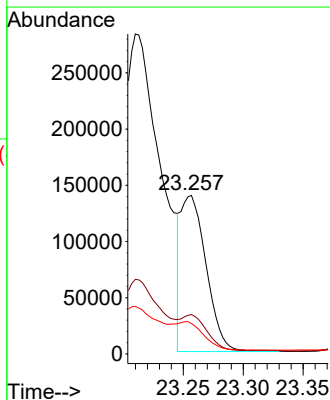
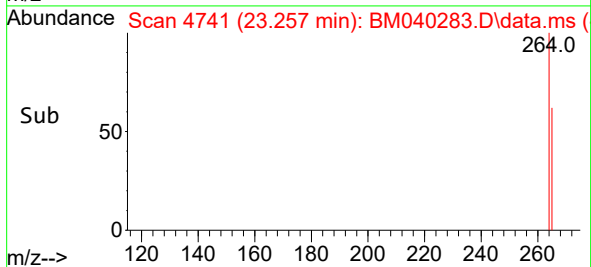
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

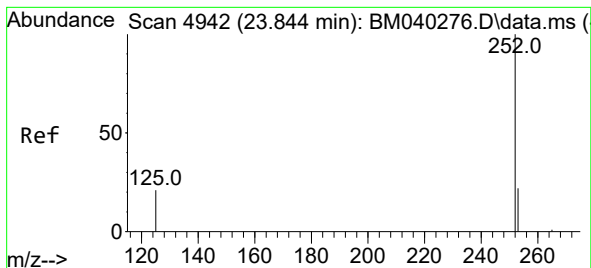


#25
Benzo(k)fluoranthene
Concen: 3.237 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33



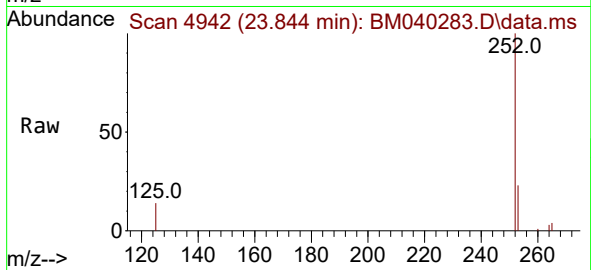
Tgt Ion:252 Resp: 203679
Ion Ratio Lower Upper
252 100
253 24.9 21.5 32.3
125 19.2 14.7 22.1





#26
Benzo(a)pyrene
Concen: 7.475 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

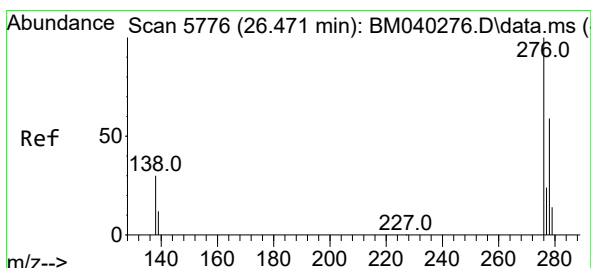
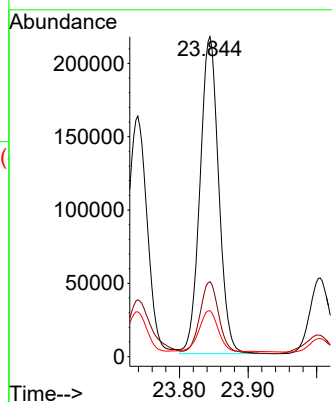
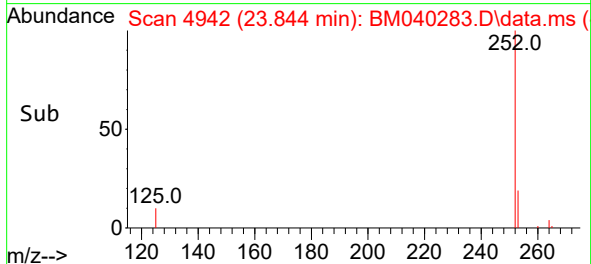
Instrument :
BNA_M
ClientSampleId :
DCFH6



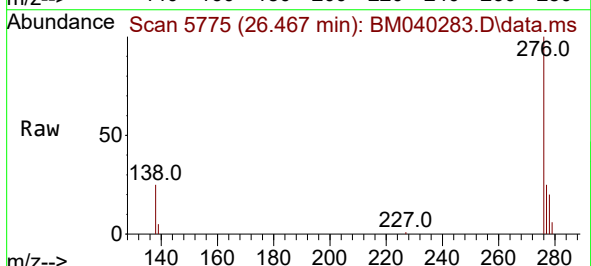
Tgt Ion:252 Resp: 409898
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 14.3 19.7 29.5

Manual Integrations
APPROVED

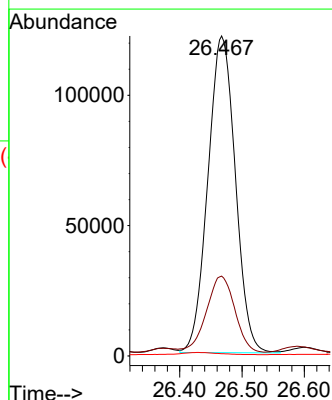
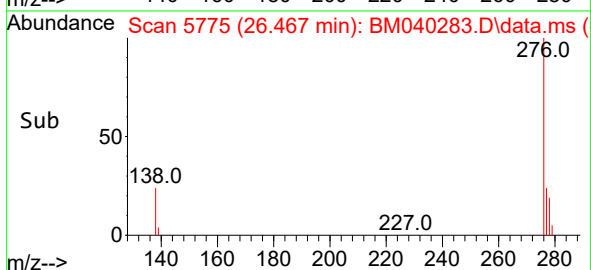
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

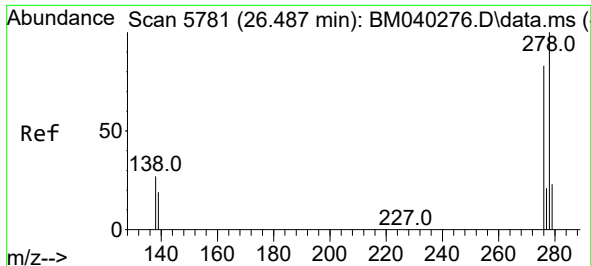


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.358 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33



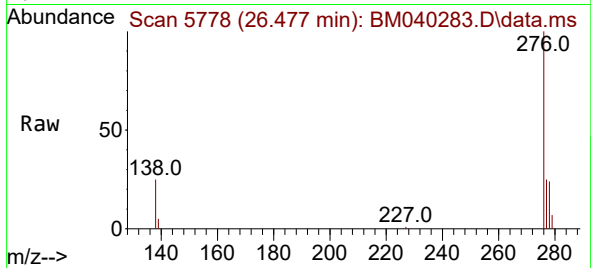
Tgt Ion:276 Resp: 371939
Ion Ratio Lower Upper
276 100
138 24.7 23.3 34.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.637 ng/ul
RT: 26.477 min Scan# 5781
Delta R.T. -0.020 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33

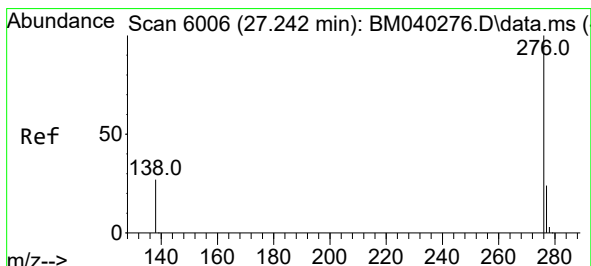
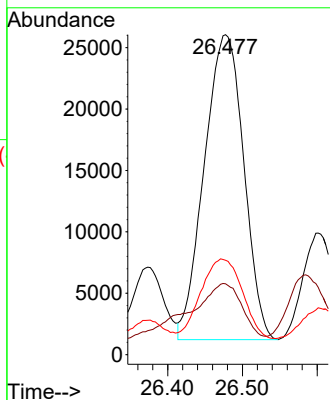
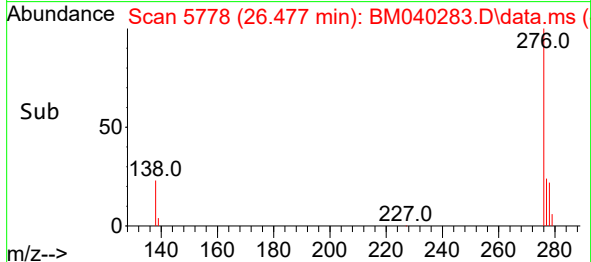
Instrument :
BNA_M
ClientSampleId :
DCFH6



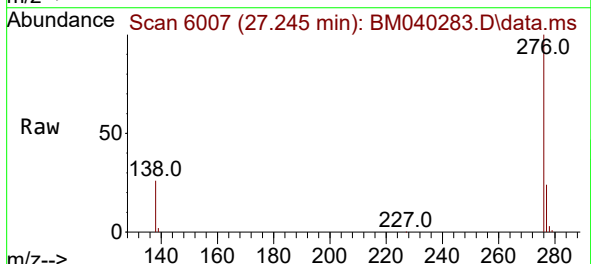
Tgt Ion:278 Resp: 91219
Ion Ratio Lower Upper
278 100
139 22.1 16.4 24.6
279 29.5 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#29
Benzo(g,h,i)perylene
Concen: 6.141 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040283.D
Acq: 16 Jun 2023 16:33



Tgt Ion:276 Resp: 356013
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
277 24.1 19.6 29.4

