

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040422.D
 Acq On : 27 Jun 2023 03:48
 Operator : MA/JU
 Sample : 03084-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:29:26 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	7.945	152	8762	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	31541	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	14962	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	29278	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	16624	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	19146	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	7059	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1893	0.043	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	3115	0.058	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.800	128	24820	0.285	ng/ul	99
7) 2-Methylnaphthalene	12.411	142	13745	0.269	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	10924	0.214	ng/ul	99
10) Acenaphthylene	14.304	152	59422	0.889	ng/ul	100
11) Acenaphthene	14.646	153	16861	0.299	ng/ul	99
12) Fluorene	15.632	166	19240	0.319	ng/ul	99
15) Phenanthrene	17.370	178	565268	6.216	ng/ul	98
16) Anthracene	17.463	178	118435	1.550	ng/ul	99
19) Fluoranthene	19.384	202	1326074	18.779	ng/ul	96
20) Pyrene	19.747	202	1077605	14.234	ng/ul	98
21) Benzo(a)anthracene	21.491	228	510347	9.076	ng/ul	99
22) Chrysene	21.544	228	504076	7.859	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	730144	9.854	ng/ul	88
25) Benzo(k)fluoranthene	23.230	252	259196m	3.550	ng/ul	
26) Benzo(a)pyrene	23.815	252	497134	7.448	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.427	276	386630	4.159	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.434	278	98494	1.353	ng/ul	95
29) Benzo(g,h,i)perylene	27.202	276	389385	4.779	ng/ul	94

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

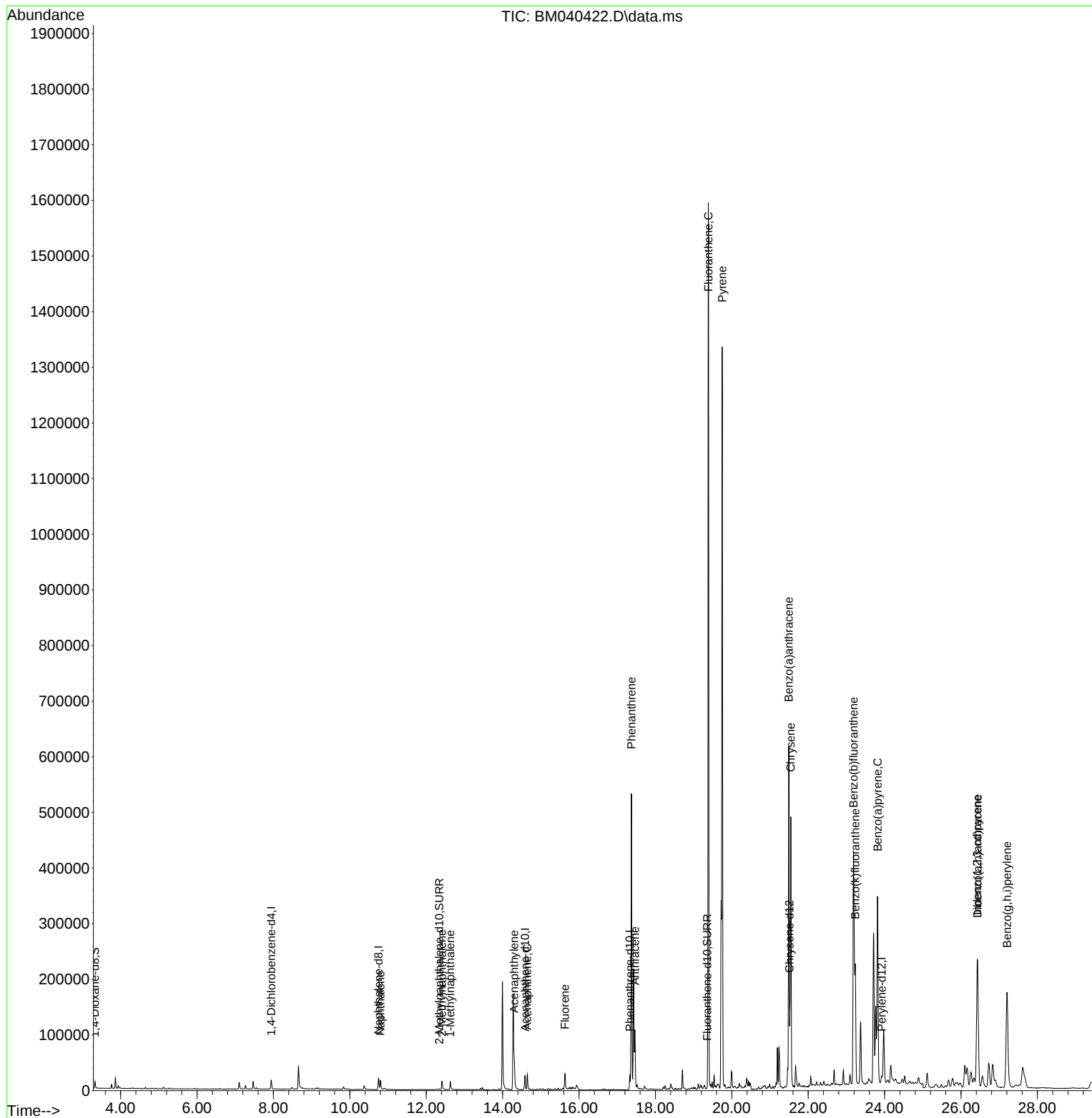
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040422.D
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ALS Vial : 24 Sample Multiplier: 1

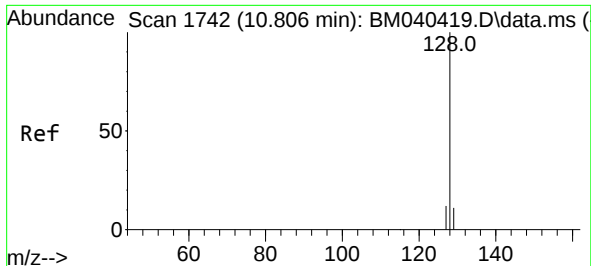
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Quant Time: Jun 27 04:29:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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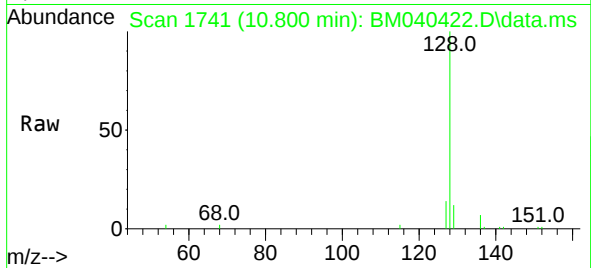
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023





#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.800 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

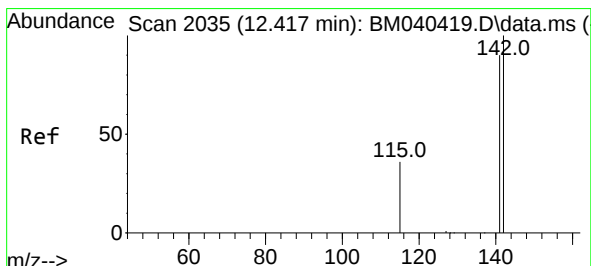
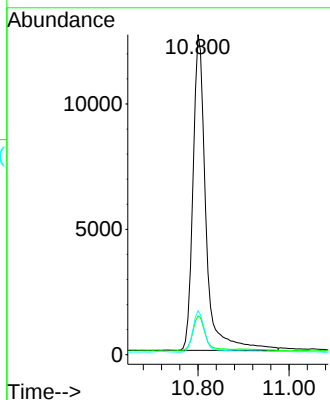
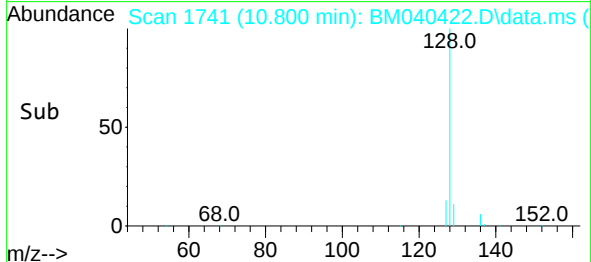
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



Tgt Ion:128 Resp: 24820
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.6 15.8

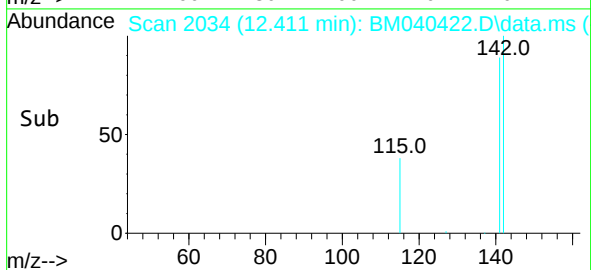
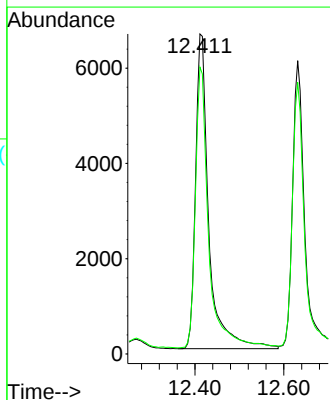
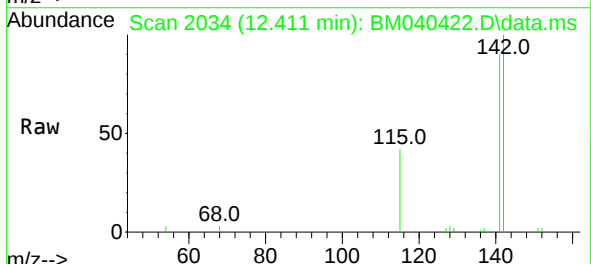
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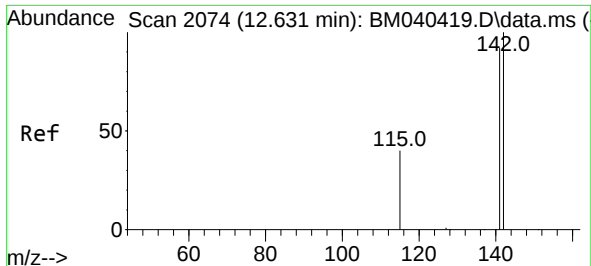
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

Tgt Ion:142 Resp: 13745
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





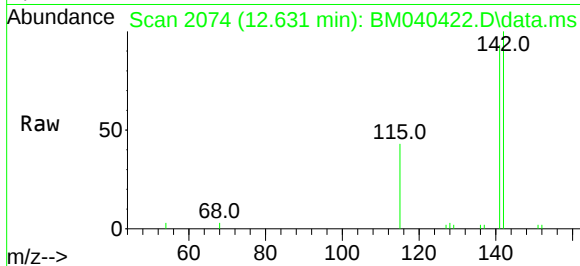
#8
1-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

Instrument :

BNA_M

ClientSampleId :

DCFM7DL

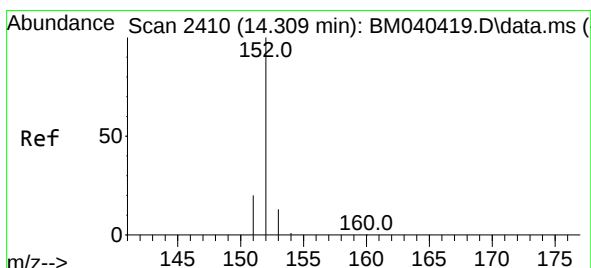
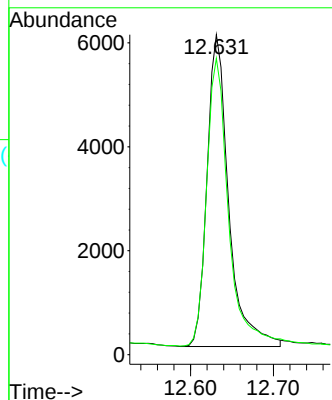
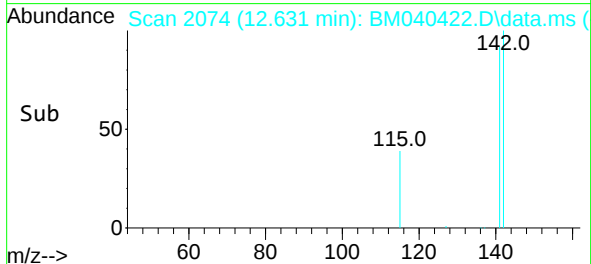


Tgt Ion:142 Resp: 10924
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

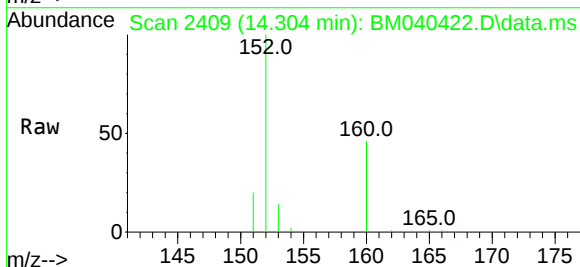
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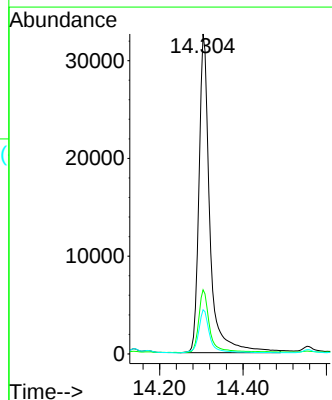
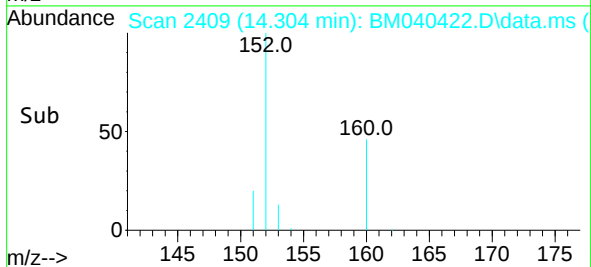
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

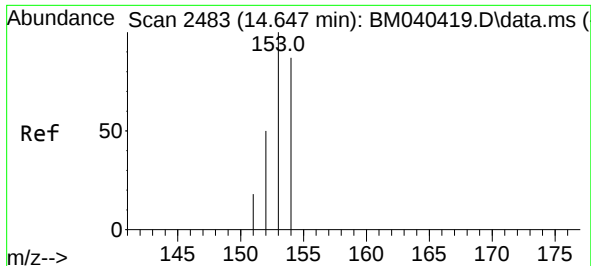


#10
Acenaphthylene
Concen: 0.889 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48



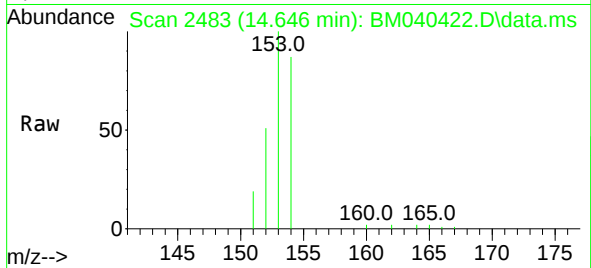
Tgt Ion:152 Resp: 59422
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.299 ng/u1
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

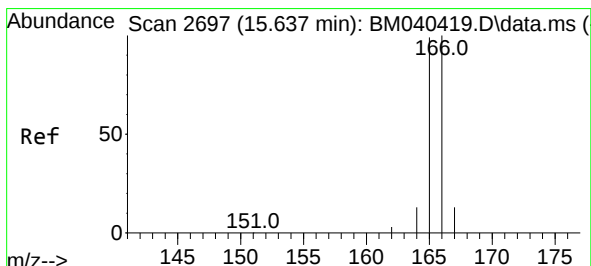
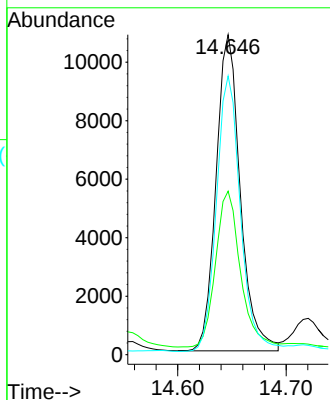
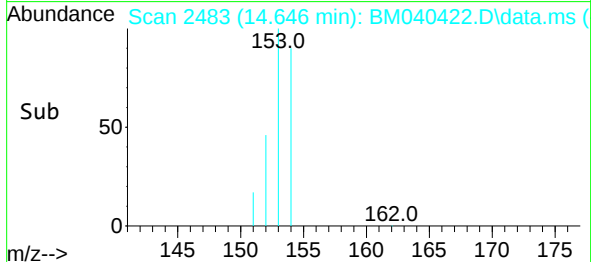
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



Tgt Ion:153 Resp: 1686
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 87.1 70.8 106.2

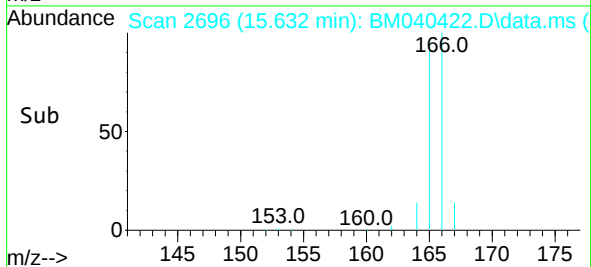
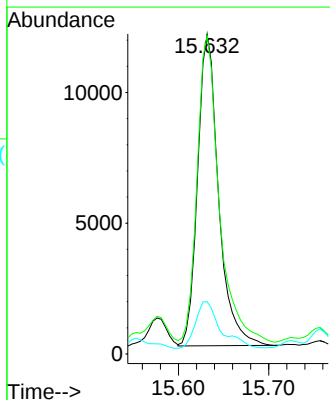
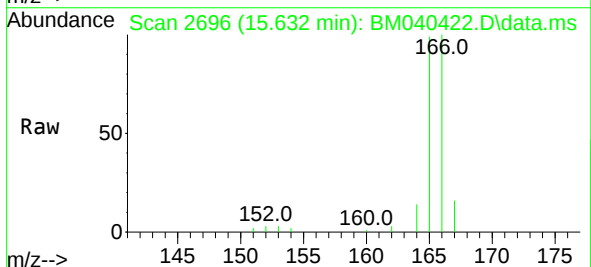
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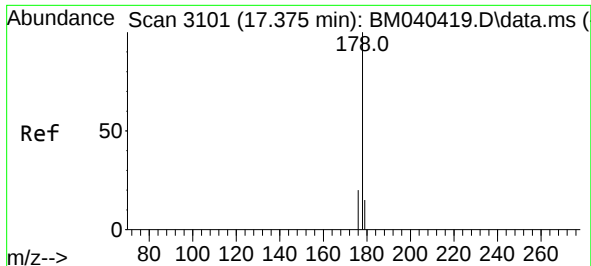
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.319 ng/u1
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

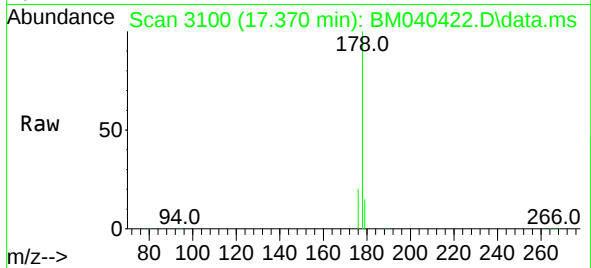
Tgt Ion:166 Resp: 19240
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 16.4 11.4 17.0





#15
Phenanthrene
Concen: 6.216 ng/u1
RT: 17.370 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

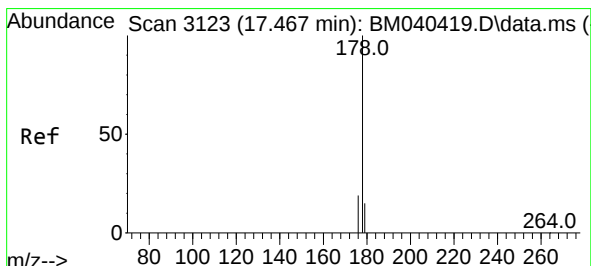
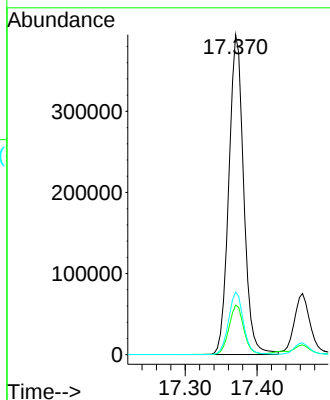
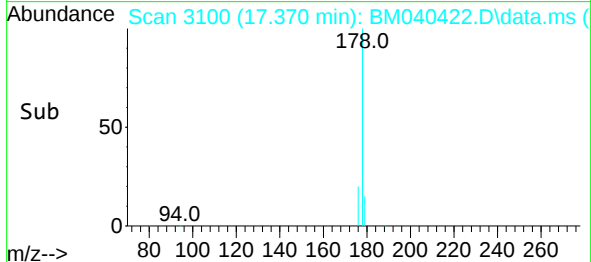
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



Tgt Ion:178 Resp: 56526
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

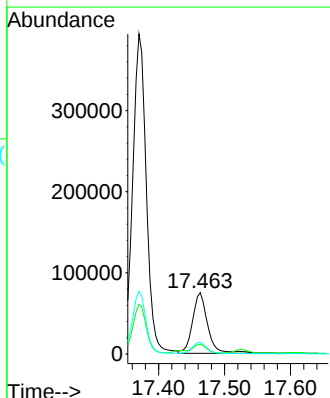
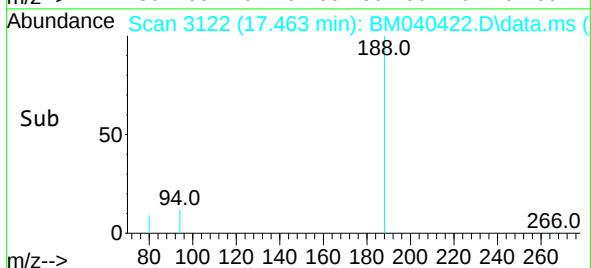
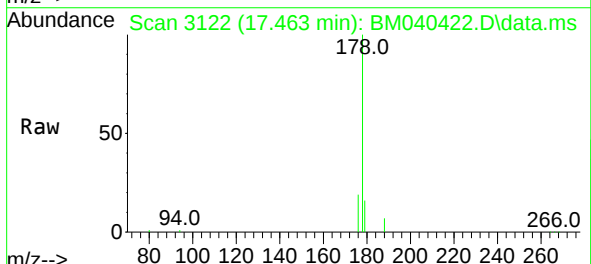
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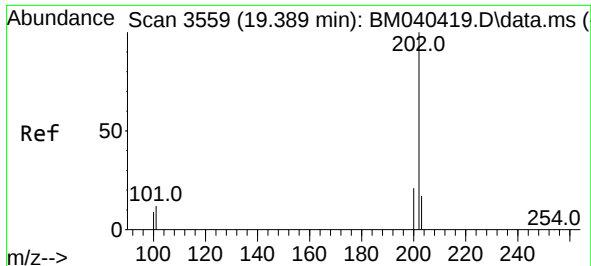
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 1.550 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

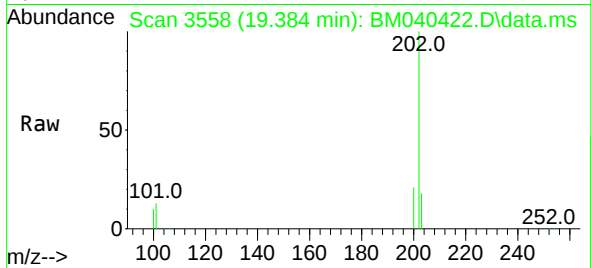
Tgt Ion:178 Resp: 118435
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.0 15.8 23.6





#19
Fluoranthene
Concen: 18.779 ng/u1
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

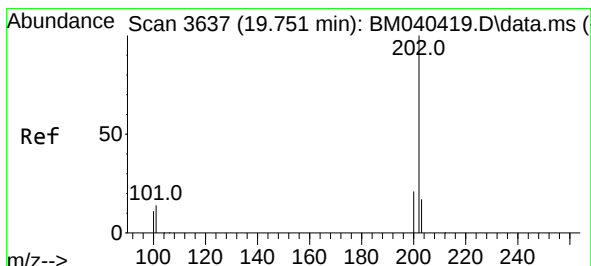
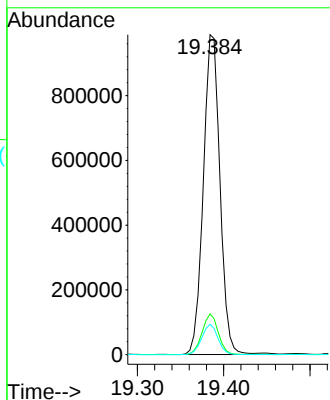
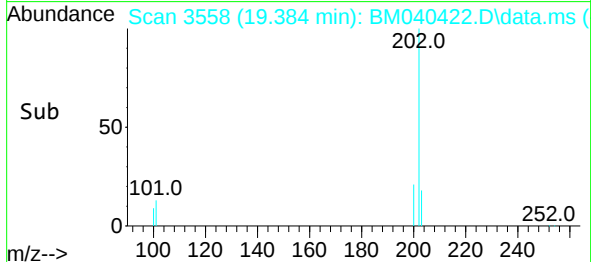
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



Tgt Ion:202 Resp: 1326074
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

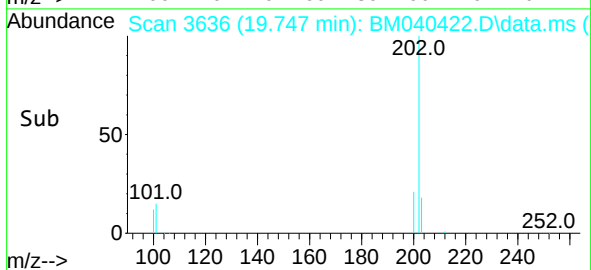
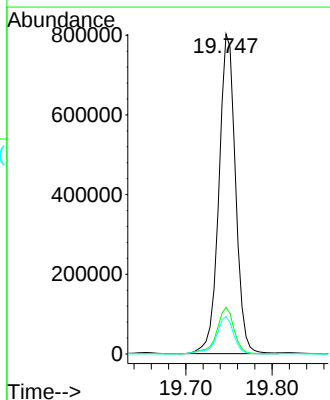
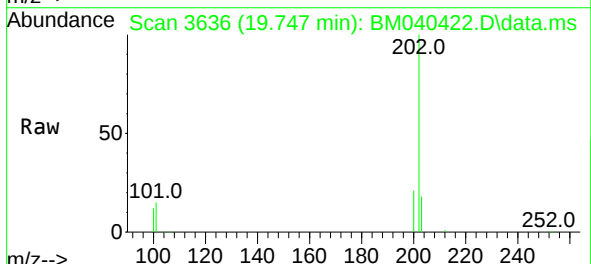
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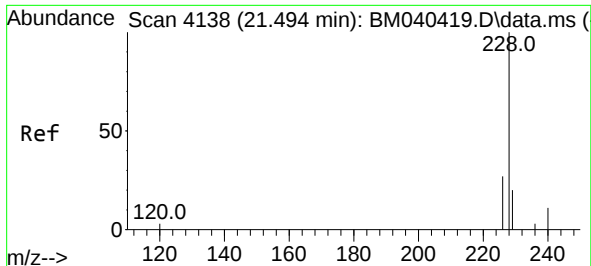
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#20
Pyrene
Concen: 14.234 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

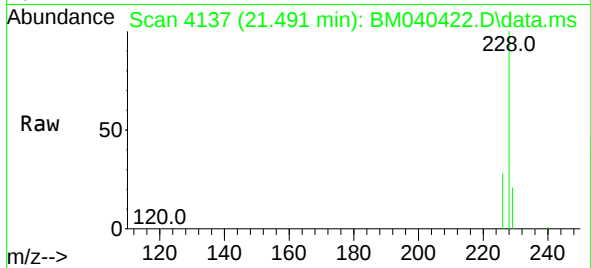
Tgt Ion:202 Resp: 1077605
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 9.076 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

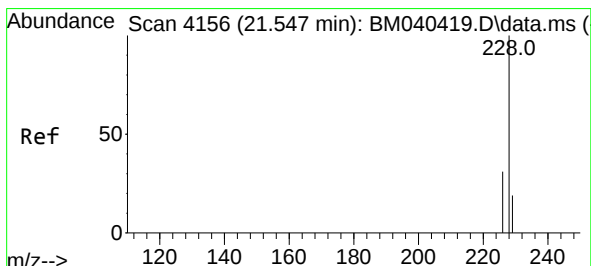
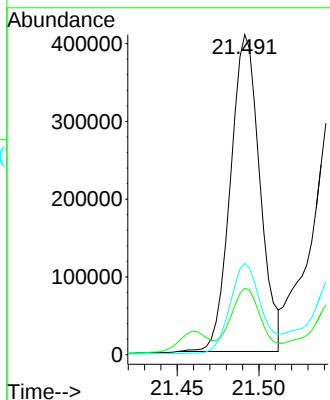
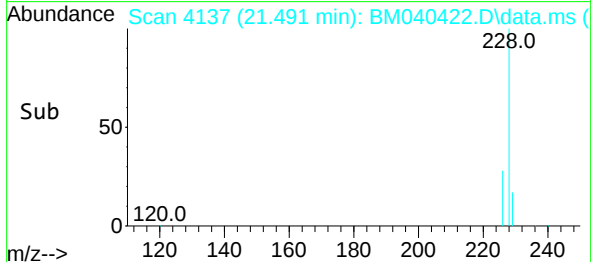
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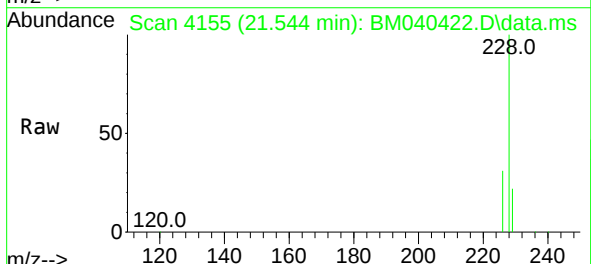
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Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
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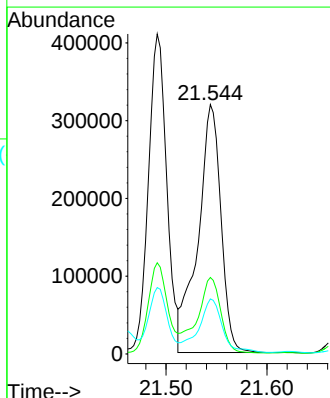
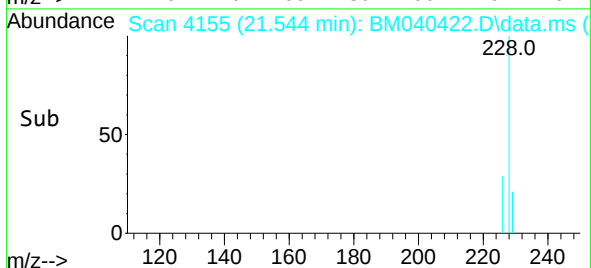
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

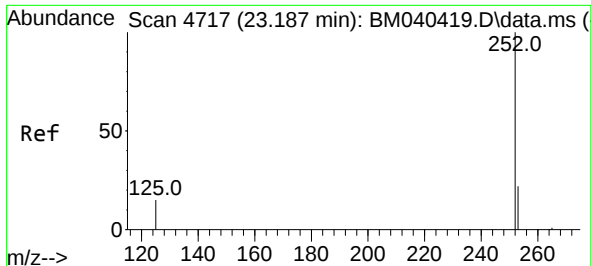


#22
Chrysene
Concen: 7.859 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48



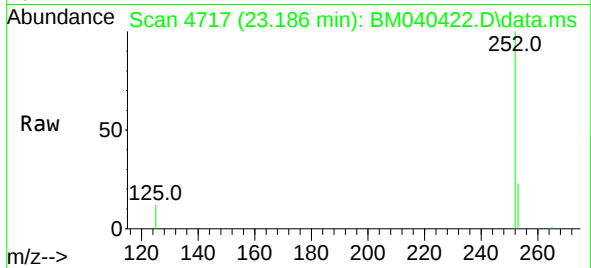
Tgt Ion:228 Resp: 504076
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 9.854 ng/ul
RT: 23.186 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

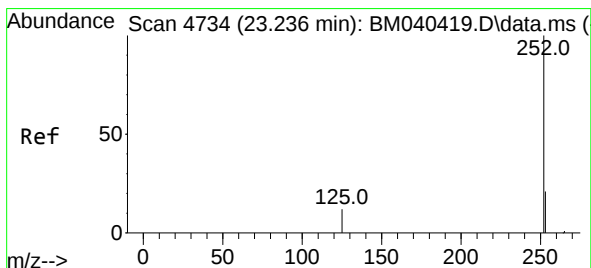
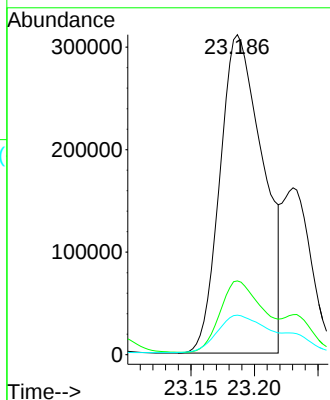
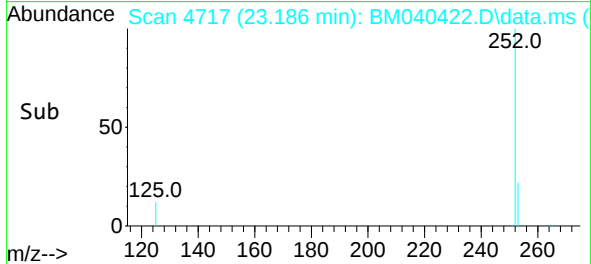
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



Tgt Ion:252 Resp: 730144
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.4 0.0 43.0

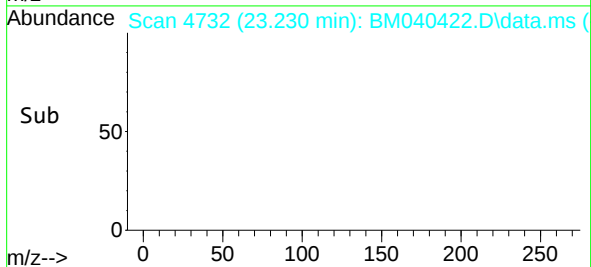
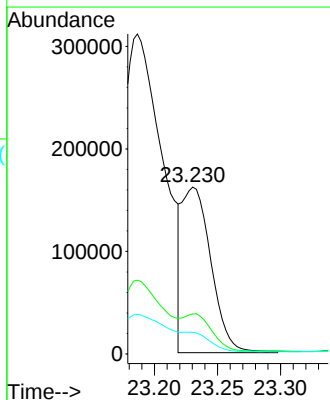
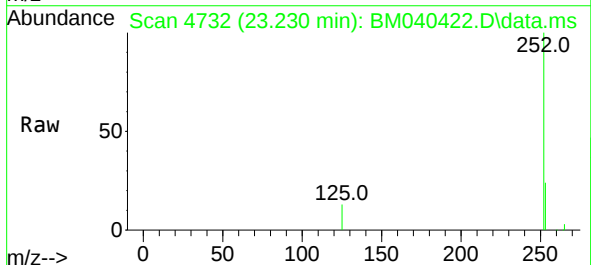
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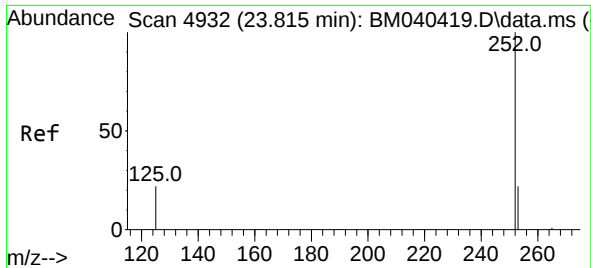
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 3.550 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

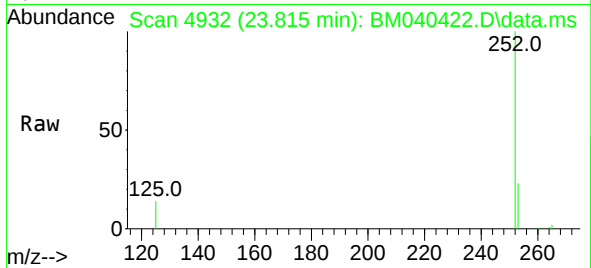
Tgt Ion:252 Resp: 259196
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 13.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 7.448 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

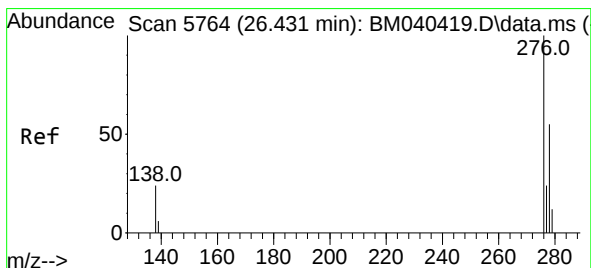
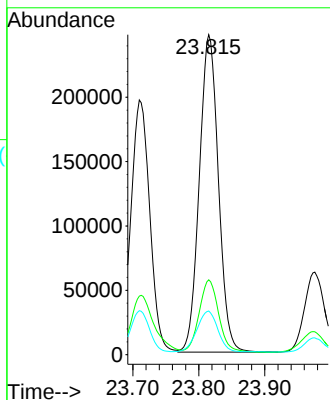
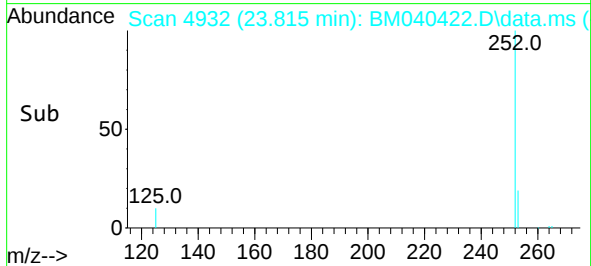
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



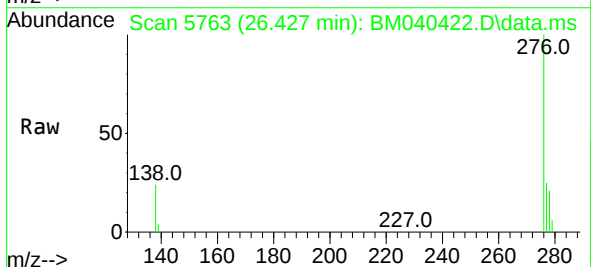
Tgt Ion:252 Resp: 497134
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 13.6 21.0 31.4

Manual Integrations
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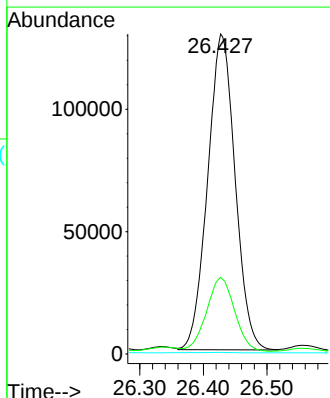
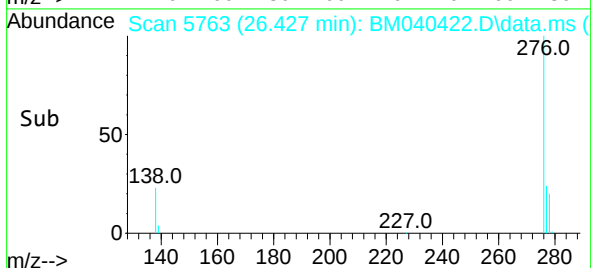
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

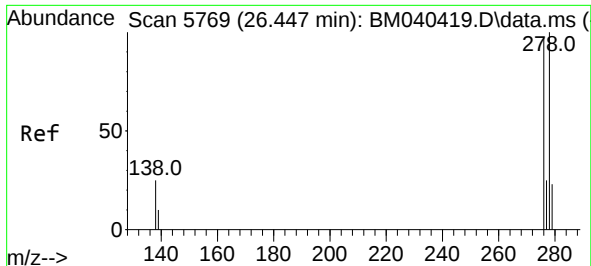


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.159 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48



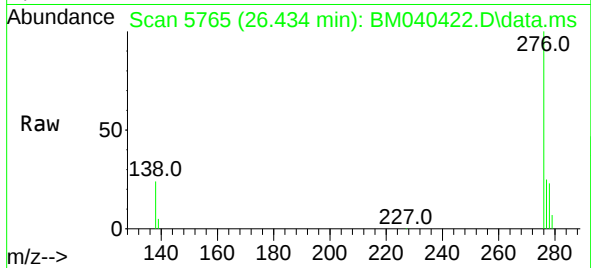
Tgt Ion:276 Resp: 386630
Ion Ratio Lower Upper
276 100
138 23.9 24.5 36.7#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.353 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48

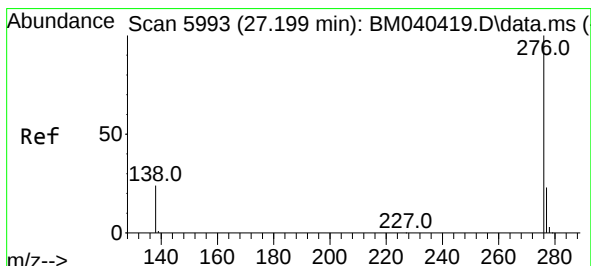
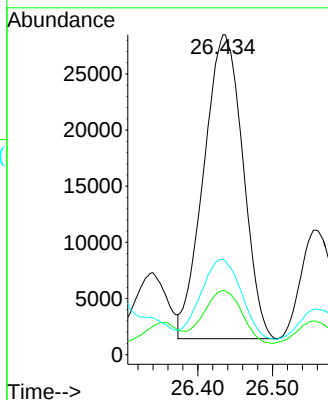
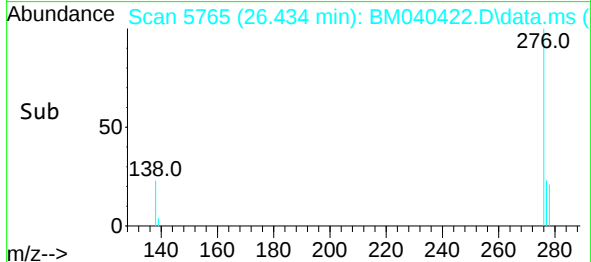
Instrument :
BNA_M
ClientSampleId :
DCFM7DL



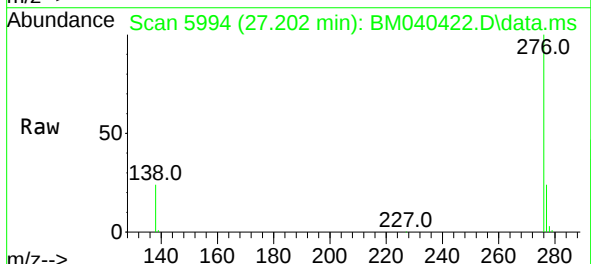
Tgt Ion:278 Resp: 98494
Ion Ratio Lower Upper
278 100
139 20.1 17.9 26.9
279 29.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 4.779 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040422.D
Acq: 27 Jun 2023 03:48



Tgt Ion:276 Resp: 389385
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.0 20.3 30.5

