

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040321.D
 Acq On : 19 Jun 2023 19:13
 Operator : MA/JU
 Sample : 03080-14DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:14:30 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	7964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	30880	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	16620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	33609	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	27352	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	31989	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	6850	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	2072	0.053	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	4396	0.064	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.828	128	19152	0.262	ng/ul	98
7) 2-Methylnaphthalene	12.439	142	5276	0.116	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	3985	0.084	ng/ul	99
10) Acenaphthylene	14.327	152	79654	1.370	ng/ul	99
11) Acenaphthene	14.670	153	10660	0.214	ng/ul	98
12) Fluorene	15.650	166	10361	0.187	ng/ul#	96
15) Phenanthrene	17.391	178	309112	3.498	ng/ul	99
16) Anthracene	17.484	178	84329	1.126	ng/ul	99
19) Fluoranthene	19.403	202	1133698	12.168	ng/ul	99
20) Pyrene	19.765	202	1090130	11.261	ng/ul	100
21) Benzo(a)anthracene	21.509	228	586462	7.264	ng/ul	98
22) Chrysene	21.564	228	690925	8.101	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	1351743	11.463	ng/ul	90
25) Benzo(k)fluoranthene	23.257	252	463460m	4.173	ng/ul	
26) Benzo(a)pyrene	23.847	252	860721	8.895	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.471	276	750643	6.128	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.481	278	179044	1.821	ng/ul	98
29) Benzo(g,h,i)perylene	27.256	276	698422	6.827	ng/ul	97

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

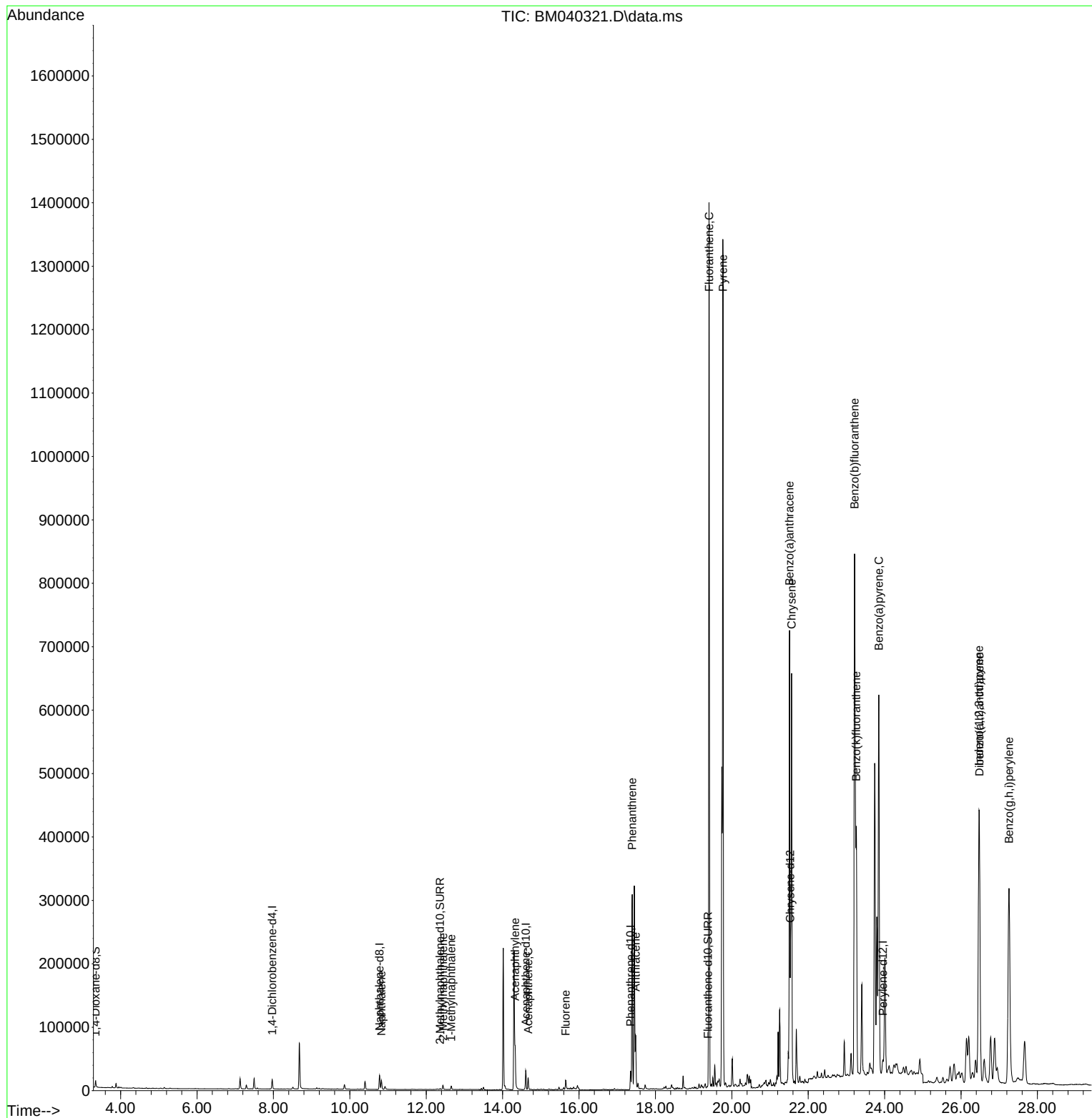
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
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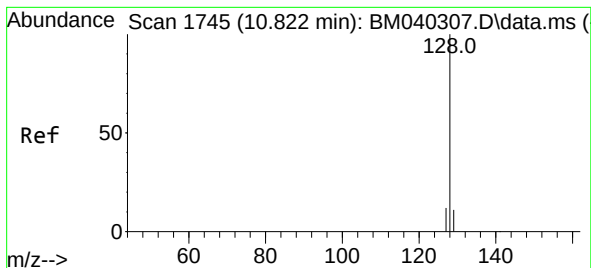
Instrument :
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Quant Time: Jun 20 00:14:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
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Supervised By :mohammad ahmed 06/21/2023





#5

Naphthalene

Concen: 0.262 ng/ul

RT: 10.828 min Scan# 1745

Delta R.T. -0.005 min

Lab File: BM040321.D

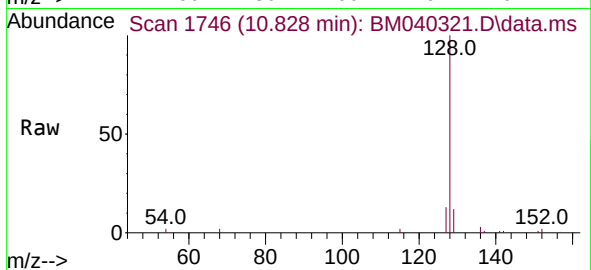
Acq: 19 Jun 2023 19:13

Instrument :

BNA_M

ClientSampleId :

DCFJ3DL



Tgt Ion:128 Resp: 1915

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

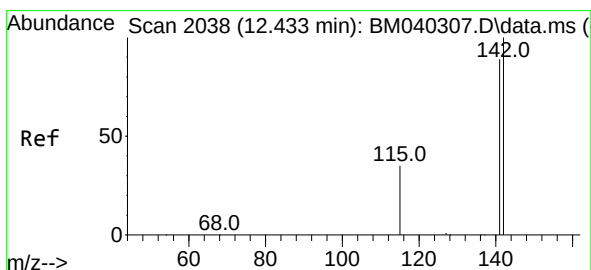
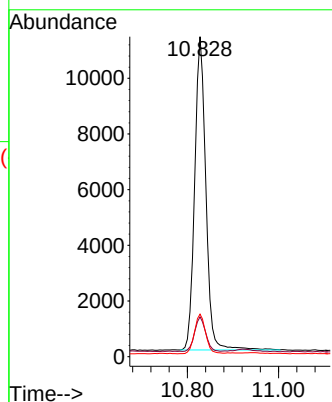
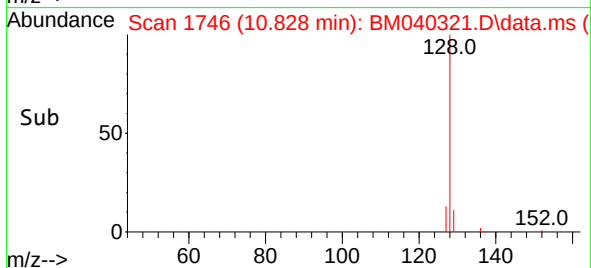
127 13.3 10.4 15.6

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.116 ng/ul

RT: 12.439 min Scan# 2039

Delta R.T. -0.005 min

Lab File: BM040321.D

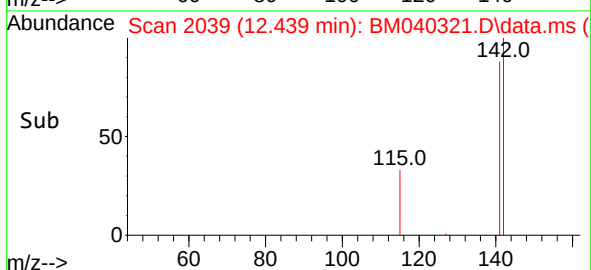
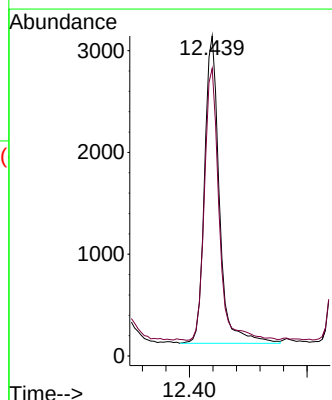
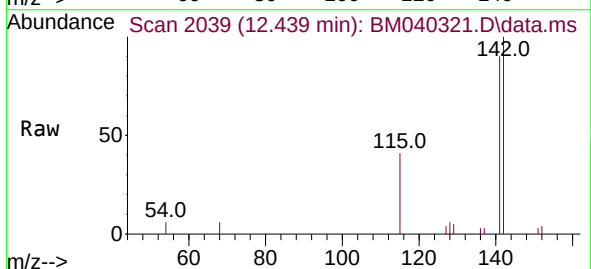
Acq: 19 Jun 2023 19:13

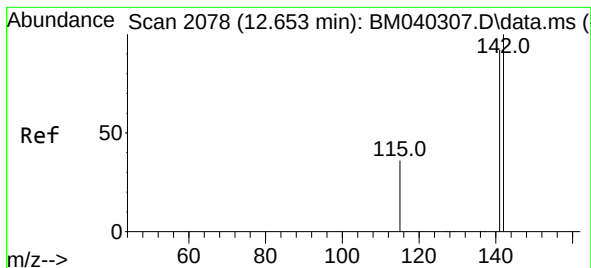
Tgt Ion:142 Resp: 5276

Ion Ratio Lower Upper

142 100

141 87.2 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.084 ng/ul

RT: 12.653 min Scan# 2078

Delta R.T. -0.011 min

Lab File: BM040321.D

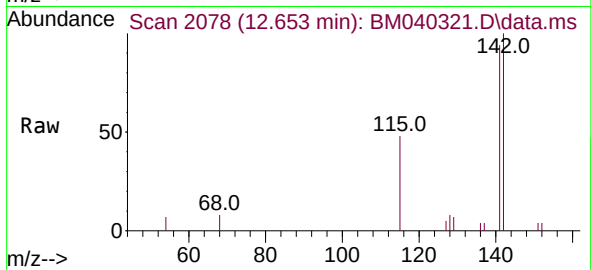
Acq: 19 Jun 2023 19:13

Instrument :

BNA_M

ClientSampleId :

DCFJ3DL



Tgt Ion:142 Resp: 398

Ion Ratio Lower Upper

142 100

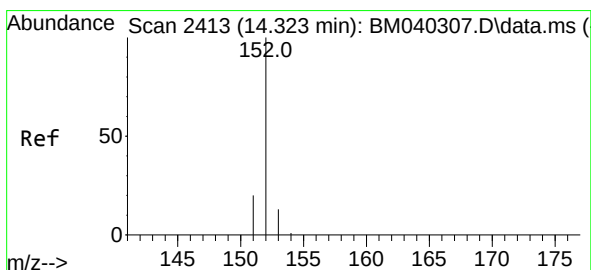
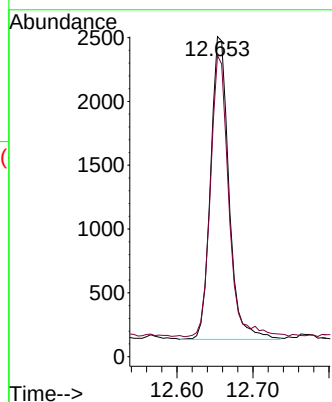
141 92.0 73.0 109.4

Manual Integrations

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#10

Acenaphthylene

Concen: 1.370 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040321.D

Acq: 19 Jun 2023 19:13

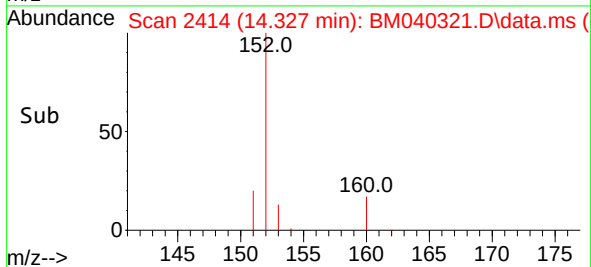
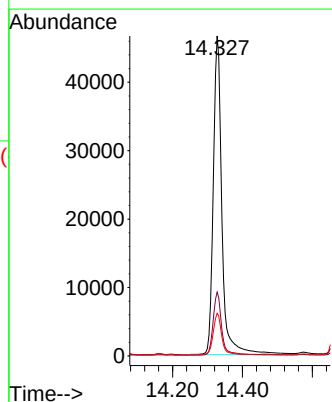
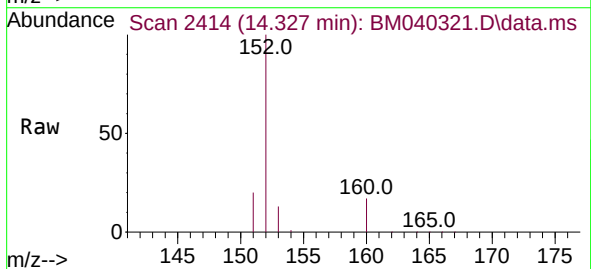
Tgt Ion:152 Resp: 79654

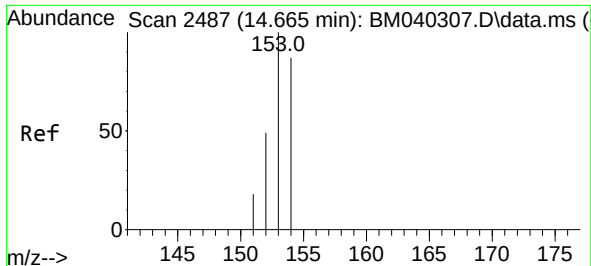
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

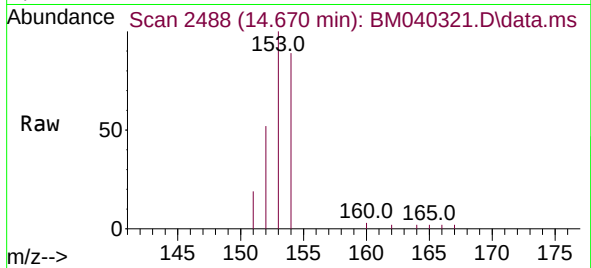
153 13.3 10.7 16.1





#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.670 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

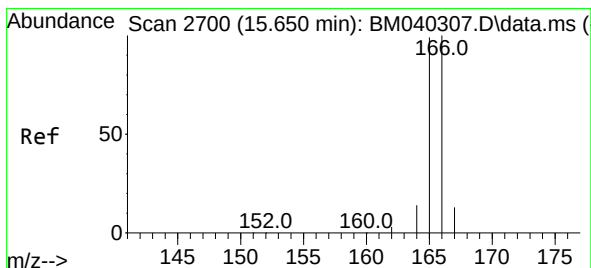
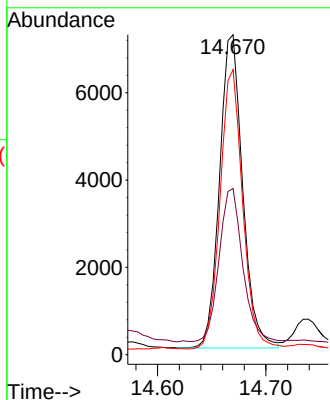
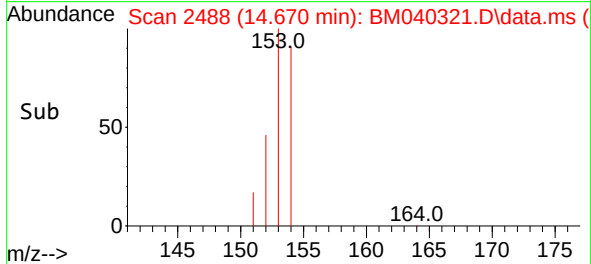
Instrument :
BNA_M
ClientSampleId :
DCFJ3DL



Tgt Ion:153 Resp: 10660
Ion Ratio Lower Upper
153 100
152 52.0 40.3 60.5
154 89.1 70.5 105.7

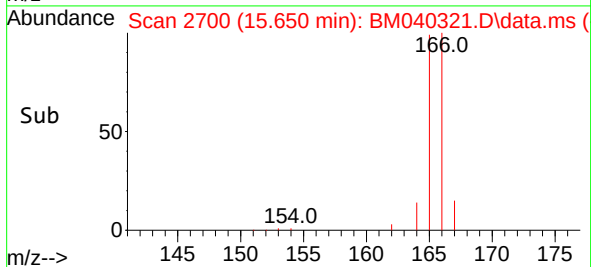
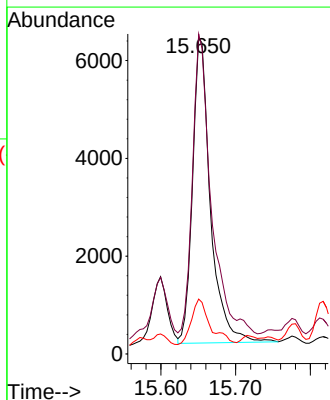
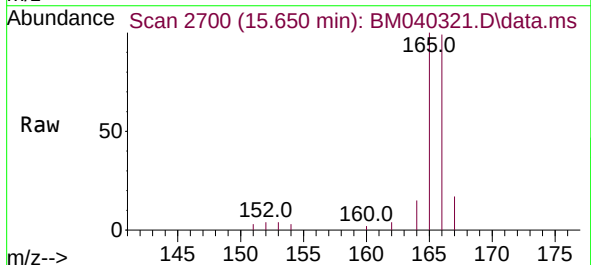
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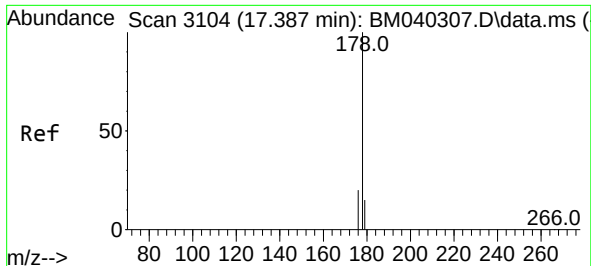
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.187 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

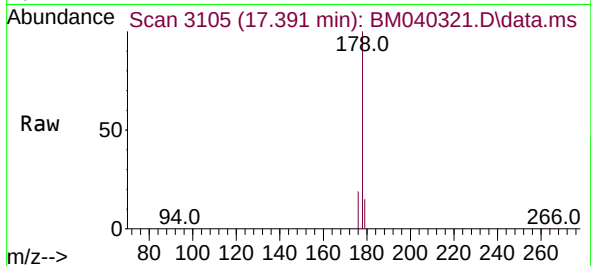
Tgt Ion:166 Resp: 10361
Ion Ratio Lower Upper
166 100
165 101.2 78.2 117.4
167 17.4 11.0 16.4#





#15
Phenanthrene
Concen: 3.498 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

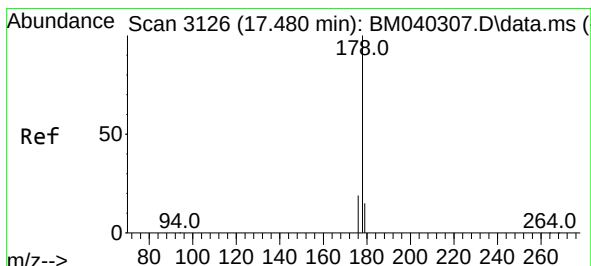
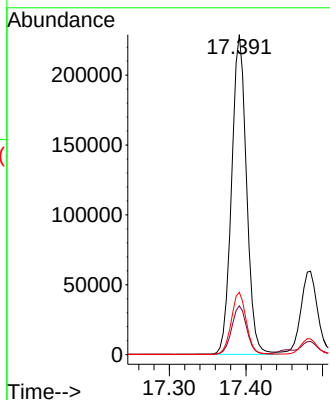
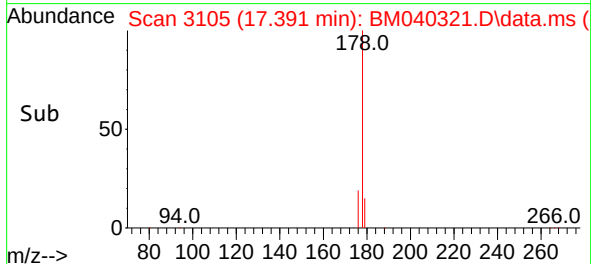
Instrument :
BNA_M
ClientSampleId :
DCFJ3DL



Tgt Ion:178 Resp: 30911
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.5 16.1 24.1

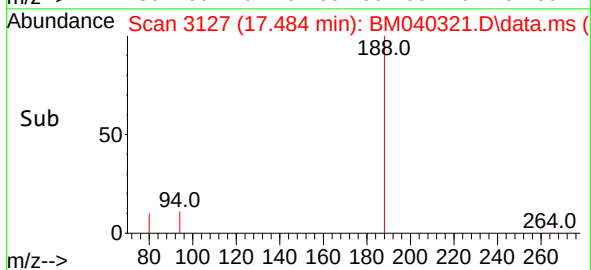
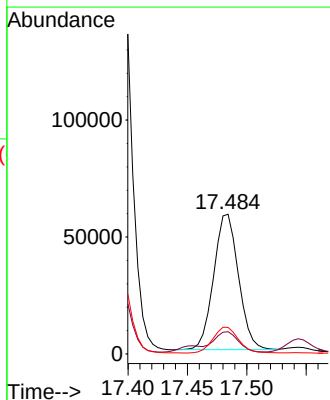
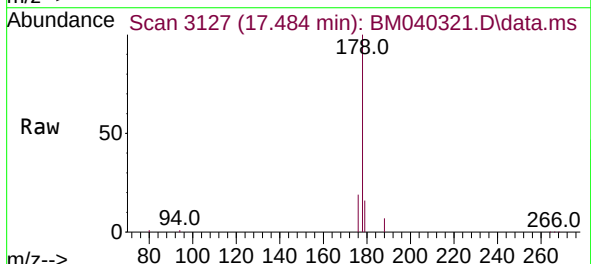
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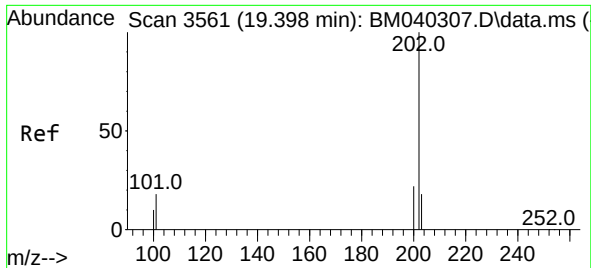
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#16
Anthracene
Concen: 1.126 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

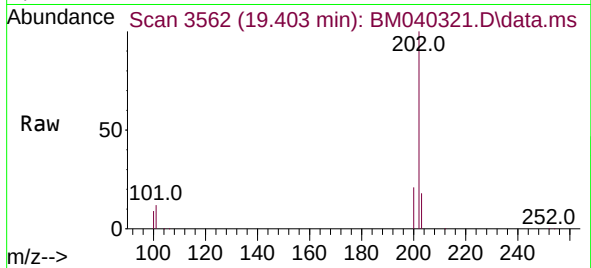
Tgt Ion:178 Resp: 84329
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.1 15.5 23.3





#19
Fluoranthene
Concen: 12.168 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

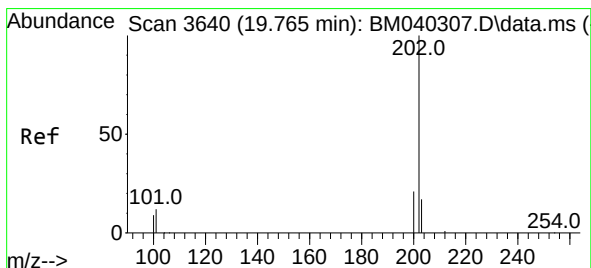
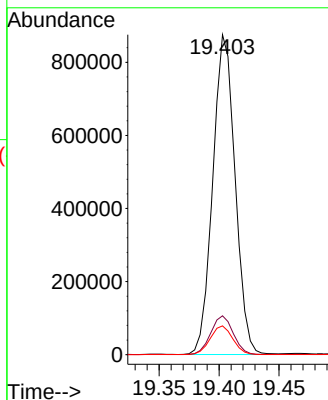
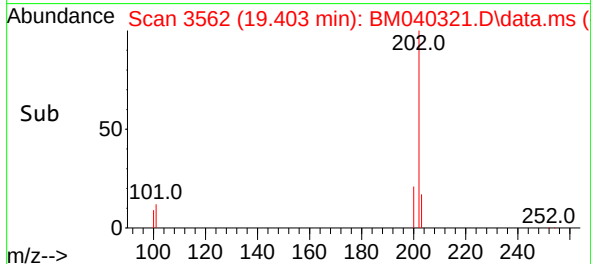
Instrument :
BNA_M
ClientSampleId :
DCFJ3DL



Tgt Ion:202 Resp: 1133698
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.4
100 9.0 7.6 11.4

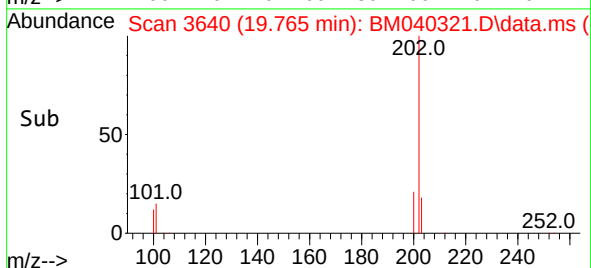
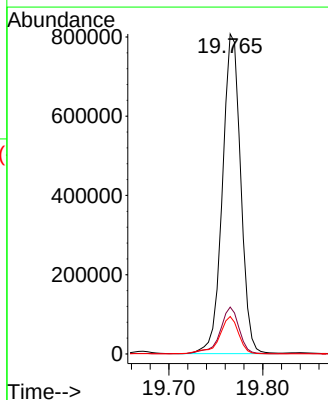
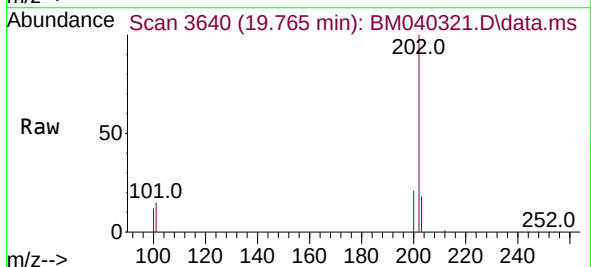
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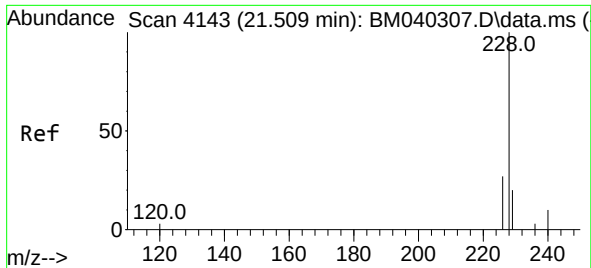
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#20
Pyrene
Concen: 11.261 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

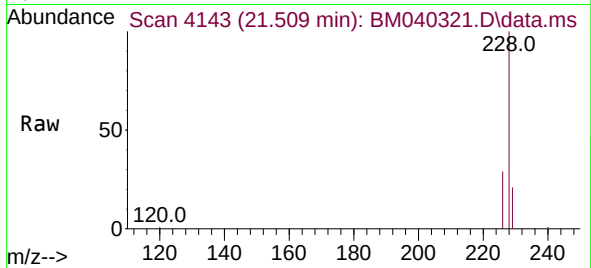
Tgt Ion:202 Resp: 1090130
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.8
100 11.7 9.3 13.9





#21
Benzo(a)anthracene
Concen: 7.264 ng/uI
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

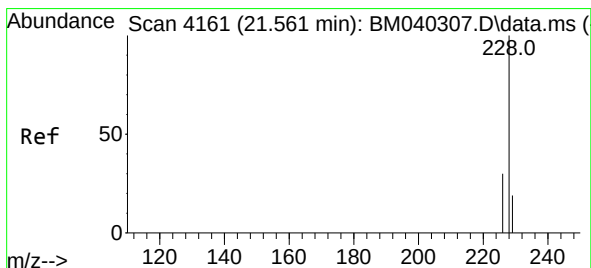
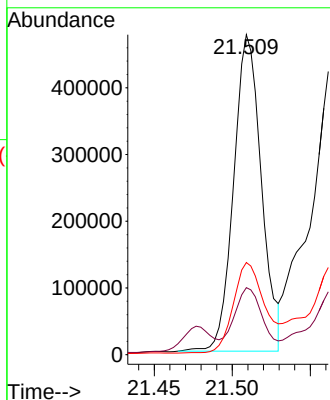
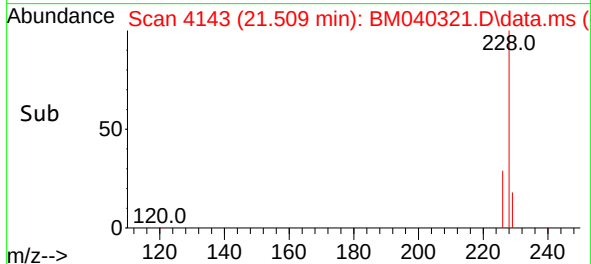
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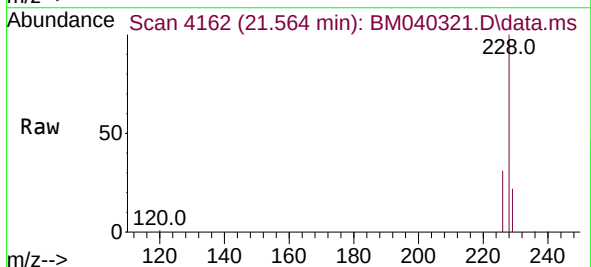
Tgt Ion:228 Resp: 586462
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.8 22.0 33.0

Manual Integrations
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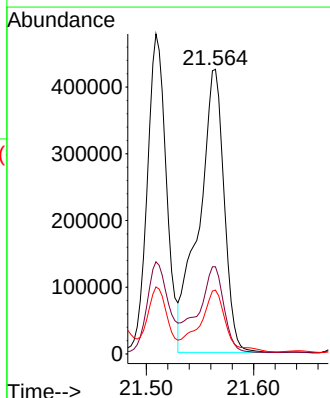
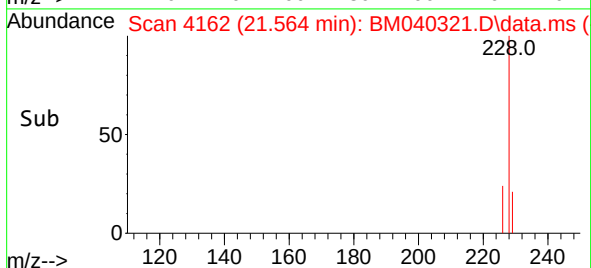
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

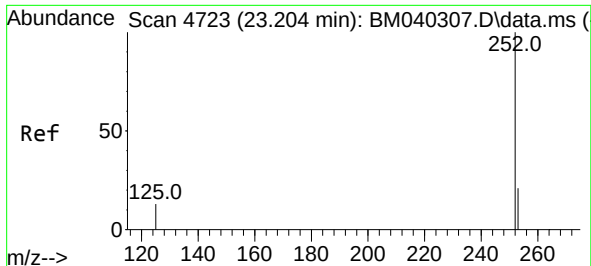


#22
Chrysene
Concen: 8.101 ng/uI
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13



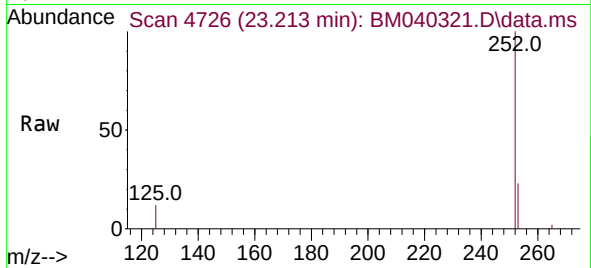
Tgt Ion:228 Resp: 690925
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 11.463 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

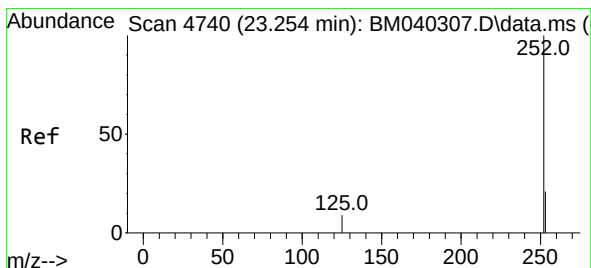
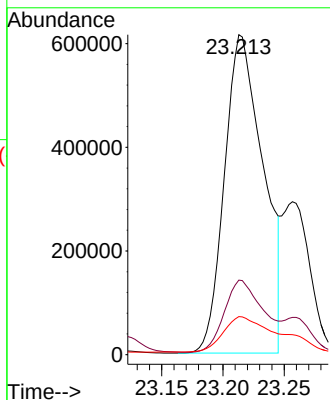
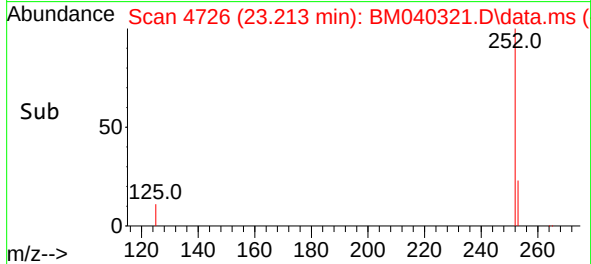
Instrument :
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ClientSampleId :
DCFJ3DL



Tgt Ion:252 Resp: 135174
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.4
125 11.9 0.0 38.4

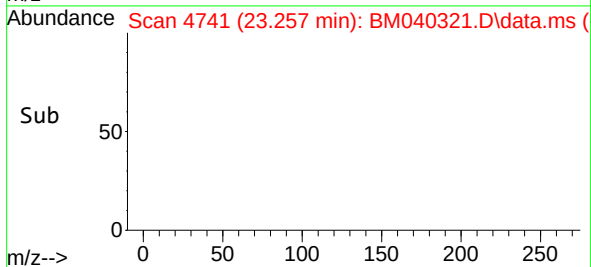
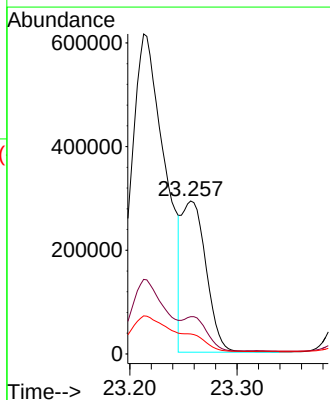
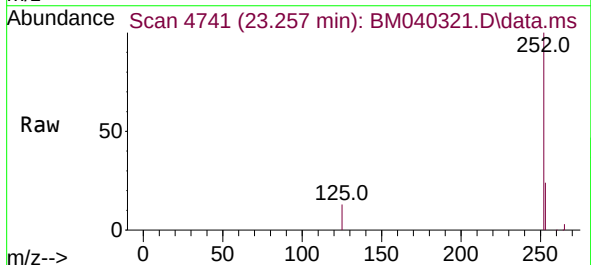
Manual Integrations
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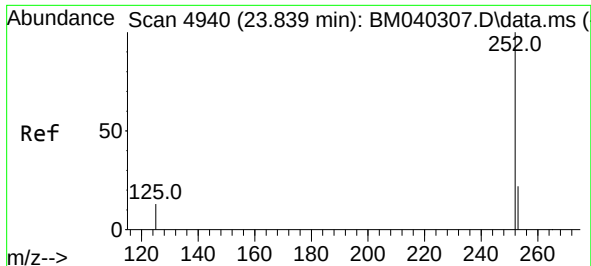
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#25
Benzo(k)fluoranthene
Concen: 4.173 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

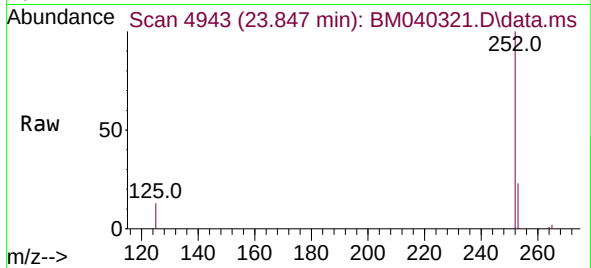
Tgt Ion:252 Resp: 463460
Ion Ratio Lower Upper
252 100
253 24.4 21.5 32.3
125 13.1 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 8.895 ng/ul
RT: 23.847 min Scan# 4940
Delta R.T. -0.003 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

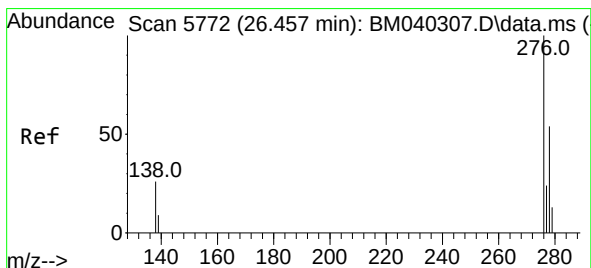
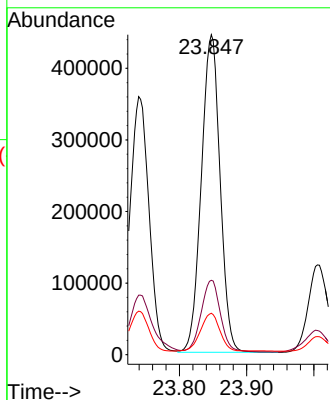
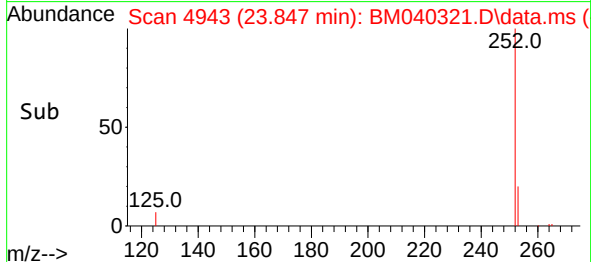
Instrument :
BNA_M
ClientSampleId :
DCFJ3DL



Tgt Ion:252 Resp: 860723
Ion Ratio Lower Upper
252 100
253 23.3 23.4 35.0#
125 13.0 19.7 29.5#

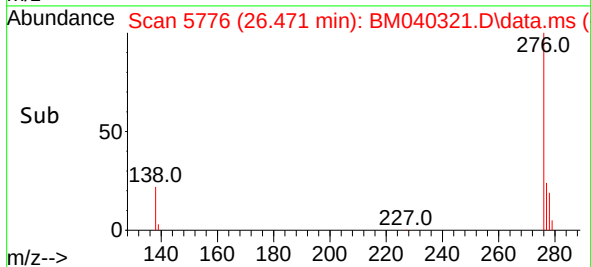
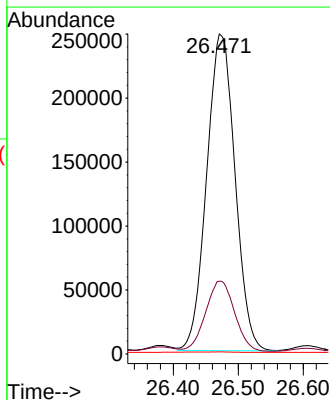
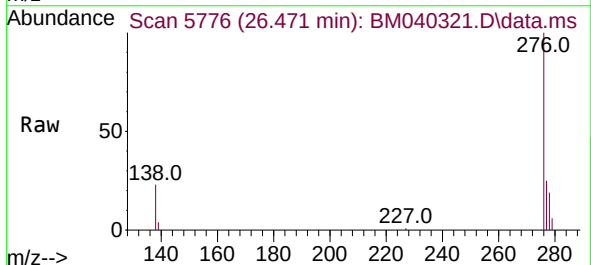
Manual Integrations
APPROVED

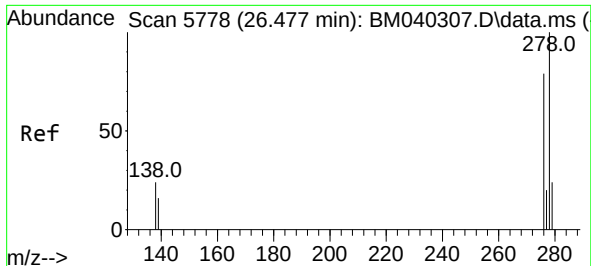
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.128 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

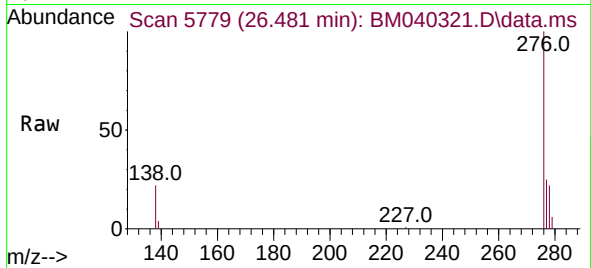
Tgt Ion:276 Resp: 750643
Ion Ratio Lower Upper
276 100
138 22.6 23.3 34.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.821 ng/ul
RT: 26.481 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13

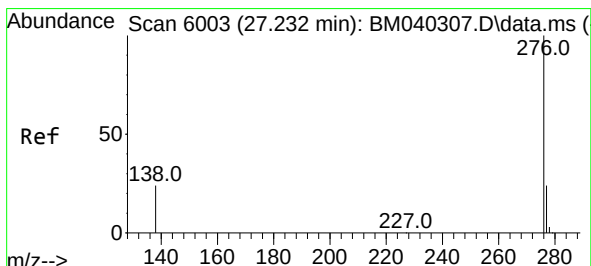
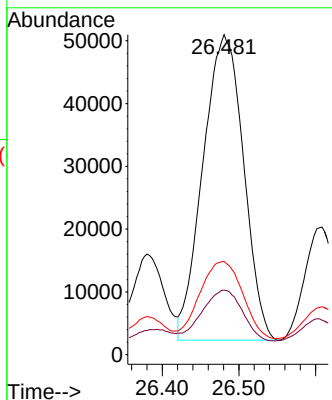
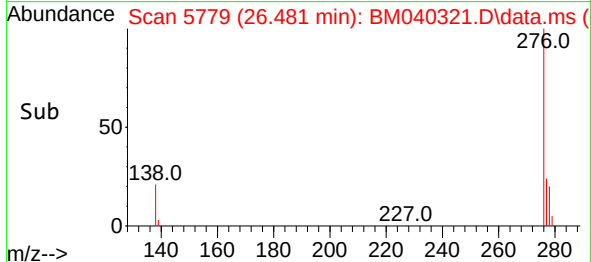
Instrument :
BNA_M
ClientSampleId :
DCFJ3DL



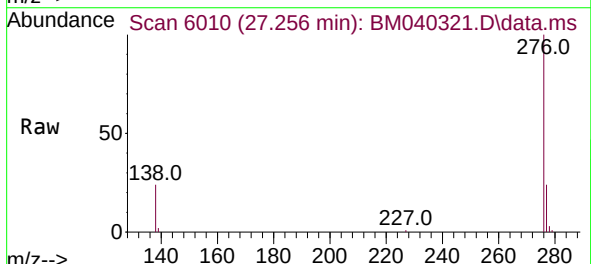
Tgt Ion:278 Resp: 179044
Ion Ratio Lower Upper
278 100
139 20.2 16.4 24.6
279 29.2 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#29
Benzo(g,h,i)perylene
Concen: 6.827 ng/ul
RT: 27.256 min Scan# 6010
Delta R.T. 0.000 min
Lab File: BM040321.D
Acq: 19 Jun 2023 19:13



Tgt Ion:276 Resp: 698422
Ion Ratio Lower Upper
276 100
138 23.6 21.0 31.4
277 24.3 19.6 29.4

