

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040356.D
 Acq On : 22 Jun 2023 19:43
 Operator : MA/JU
 Sample : 03084-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:27:20 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	7.953	152	8599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	30910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	16561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32100	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	27299	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	24484	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	41578	3.078	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	9976	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	19557	0.223	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	32933	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	15043	0.300	ng/ul	98
8) 1-Methylnaphthalene	12.642	142	10285	0.206	ng/ul	100
10) Acenaphthylene	14.313	152	55747	0.754	ng/ul	99
11) Acenaphthene	14.651	153	11465	0.184	ng/ul	98
12) Fluorene	15.636	166	12183	0.183	ng/ul#	98
15) Phenanthrene	17.374	178	375138	3.762	ng/ul	99
16) Anthracene	17.467	178	52878	0.631	ng/ul	99
19) Fluoranthene	19.389	202	968816	8.355	ng/ul	97
20) Pyrene	19.751	202	804872	6.474	ng/ul	99
21) Benzo(a)anthracene	21.497	228	437257	4.735	ng/ul	98
22) Chrysene	21.550	228	513081	4.871	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	738425	7.793	ng/ul	89
25) Benzo(k)fluoranthene	23.236	252	247731m	2.653	ng/ul	
26) Benzo(a)pyrene	23.821	252	421952	4.944	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	321482	2.705	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.437	278	83207	0.894	ng/ul	97
29) Benzo(g,h,i)perylene	27.208	276	293128	2.814	ng/ul	96

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

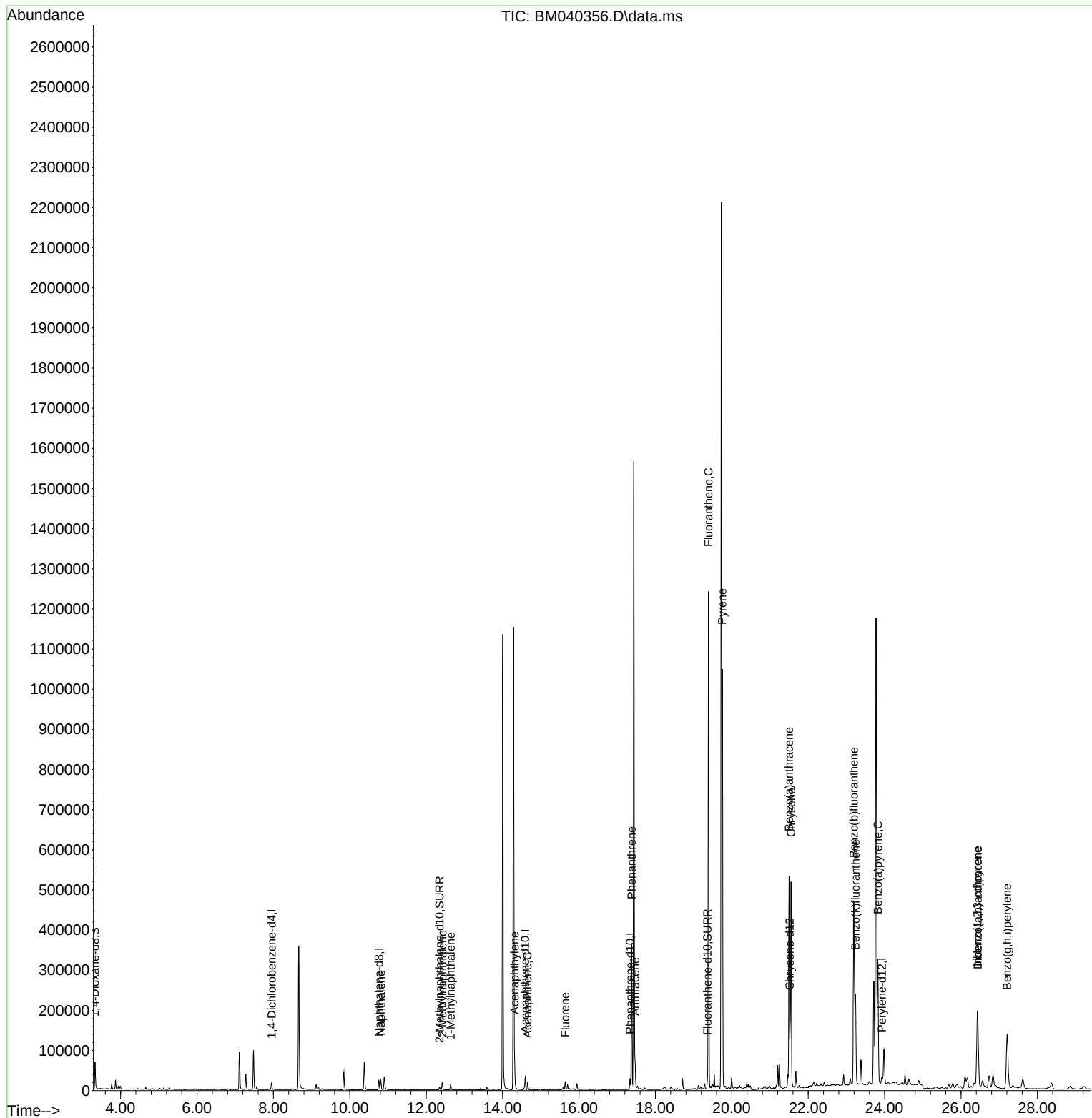
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040356.D
Acq On : 22 Jun 2023 19:43
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Sample : 03084-03
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ALS Vial : 5 Sample Multiplier: 1

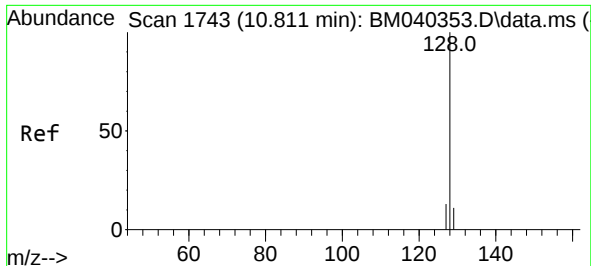
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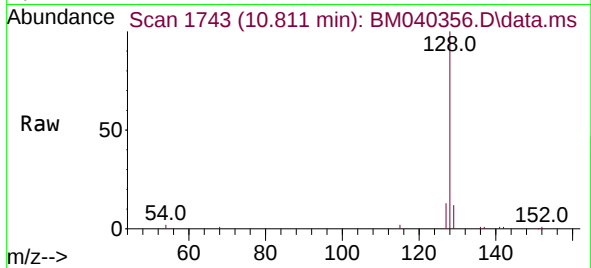
Quant Time: Jun 23 02:27:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

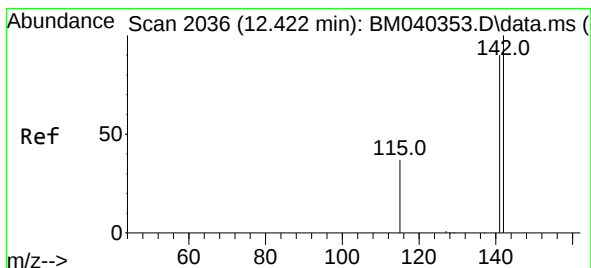
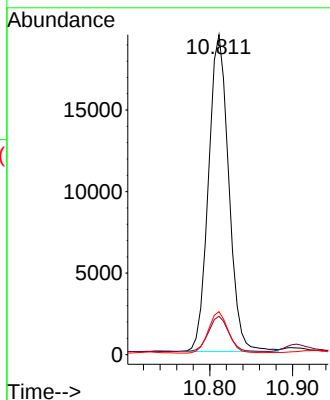
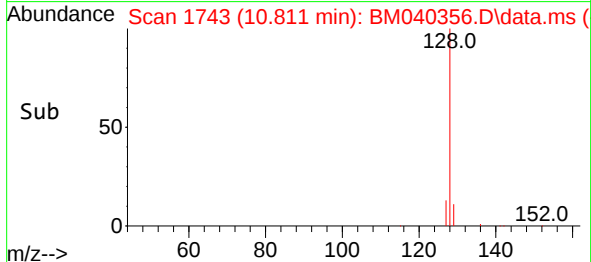
Instrument :
BNA_M
ClientSampleId :
DCFM0



Tgt Ion:128 Resp: 3293
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.4 10.6 15.8

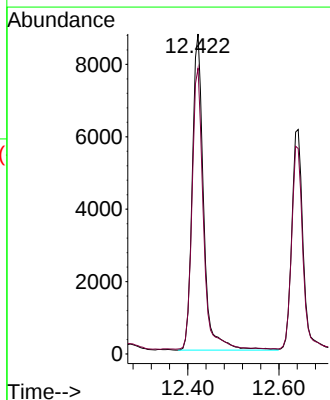
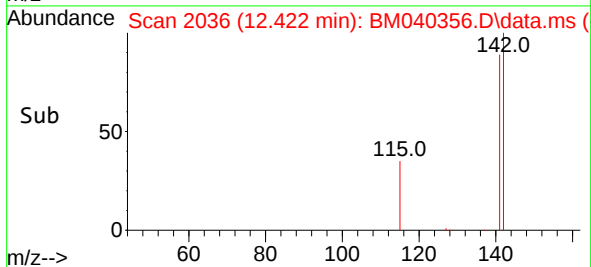
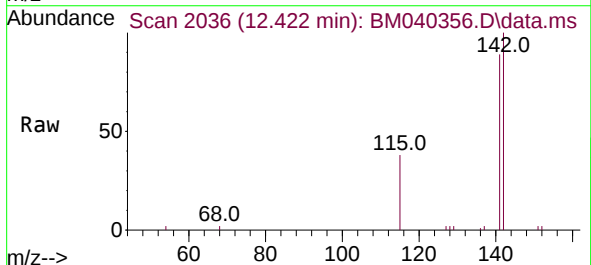
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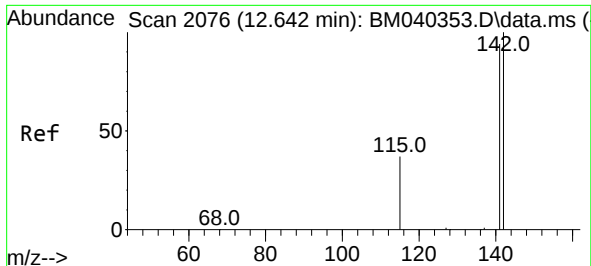
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

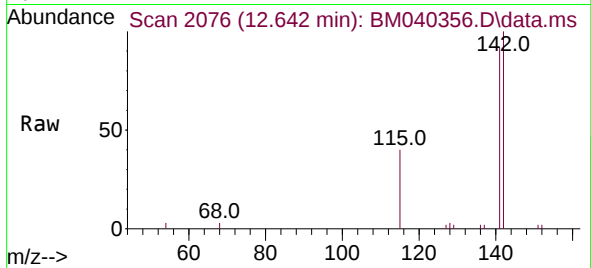
Tgt Ion:142 Resp: 15043
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

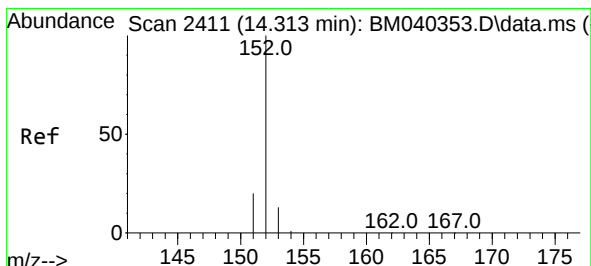
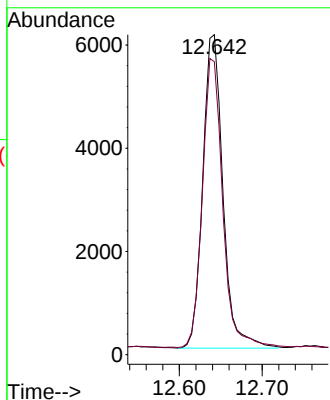
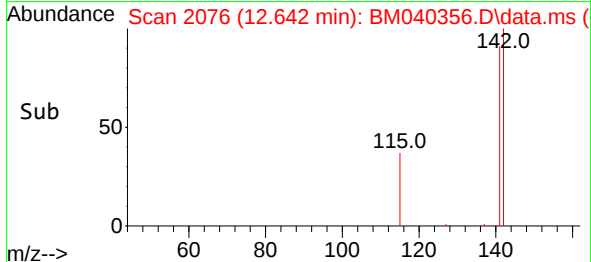
Instrument :
BNA_M
ClientSampleId :
DCFM0



Tgt Ion:142 Resp: 10285
Ion Ratio Lower Upper
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141 92.5 73.7 110.5

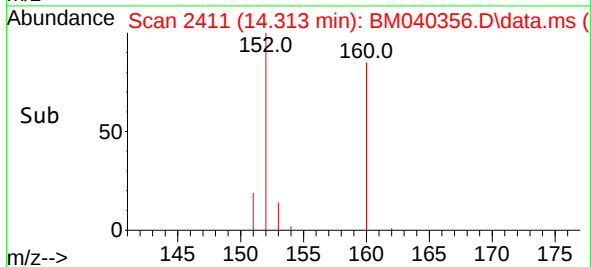
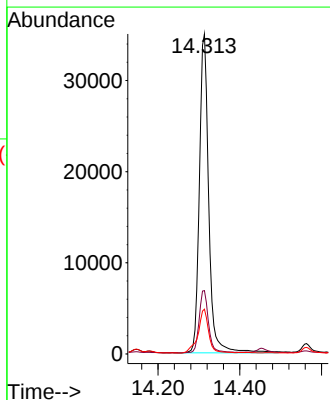
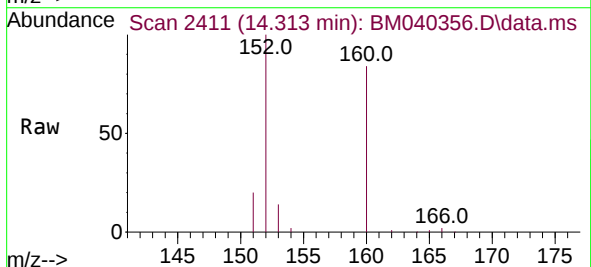
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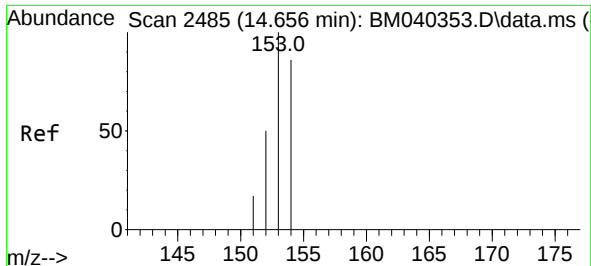
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.754 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

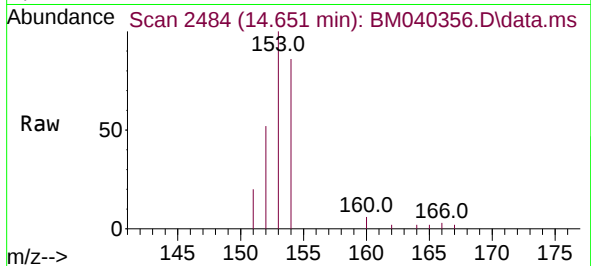
Tgt Ion:152 Resp: 55747
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.184 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

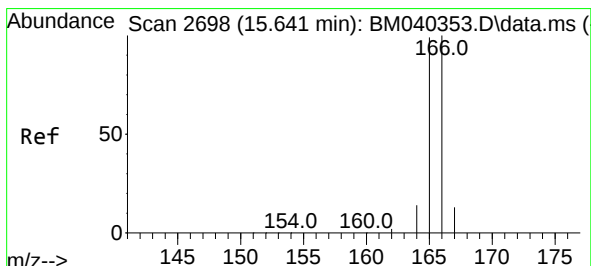
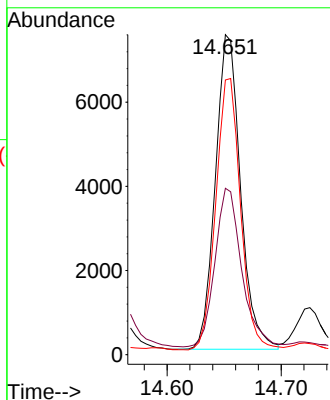
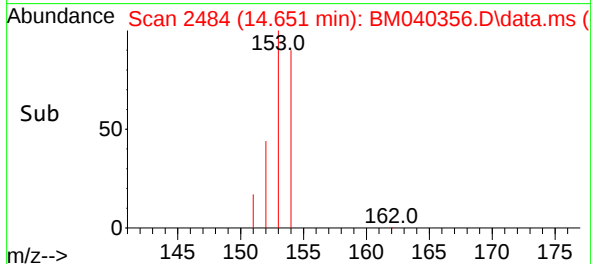
Instrument :
BNA_M
ClientSampleId :
DCFM0



Tgt Ion:153 Resp: 1146
Ion Ratio Lower Upper
153 100
152 52.0 41.0 61.4
154 85.8 70.8 106.2

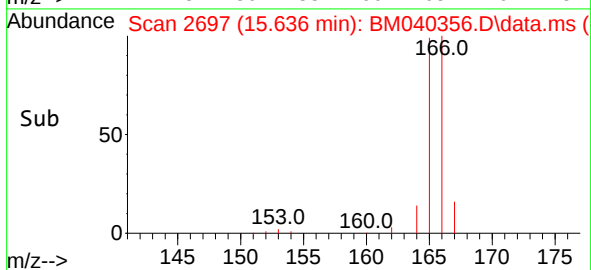
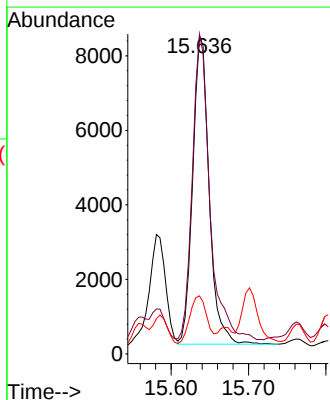
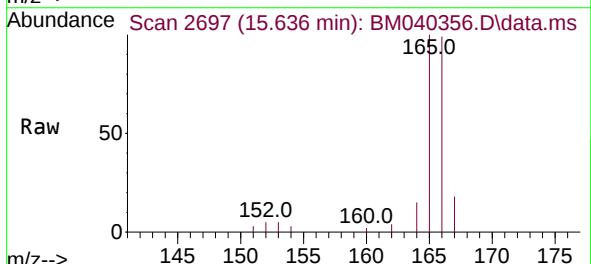
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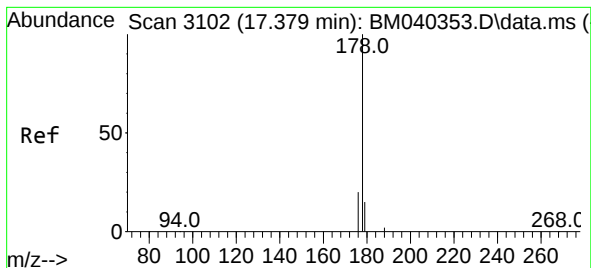
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.183 ng/u1
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:166 Resp: 12183
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 18.3 11.4 17.0#





#15

Phenanthrene

Concen: 3.762 ng/ul

RT: 17.374 min Scan# 3102

Delta R.T. -0.004 min

Lab File: BM040356.D

Acq: 22 Jun 2023 19:43

Instrument :

BNA_M

ClientSampleId :

DCFM0

Tgt Ion:178 Resp: 375138

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

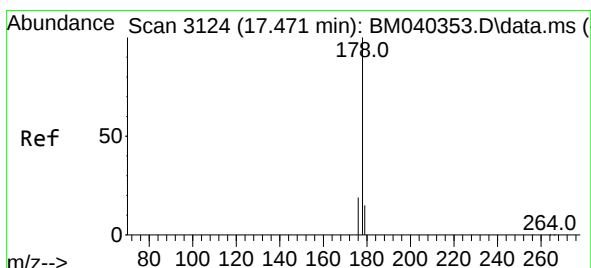
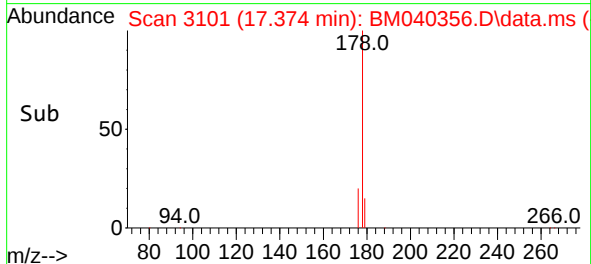
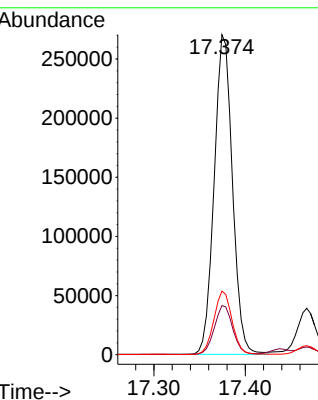
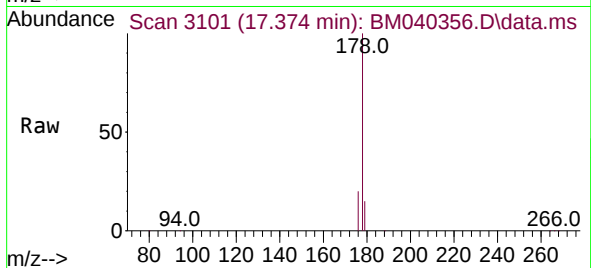
176 19.9 16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#16

Anthracene

Concen: 0.631 ng/ul

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040356.D

Acq: 22 Jun 2023 19:43

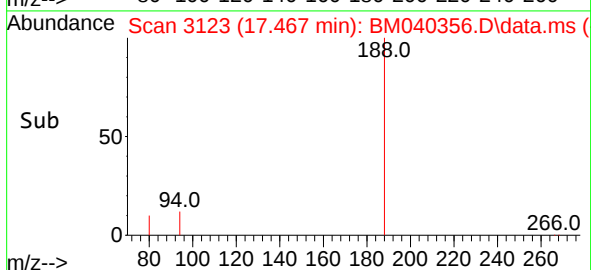
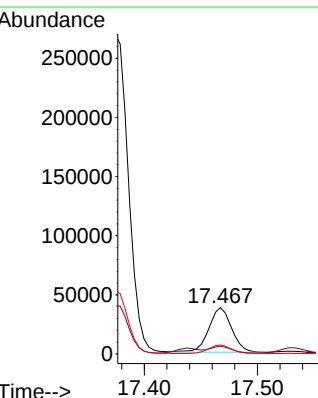
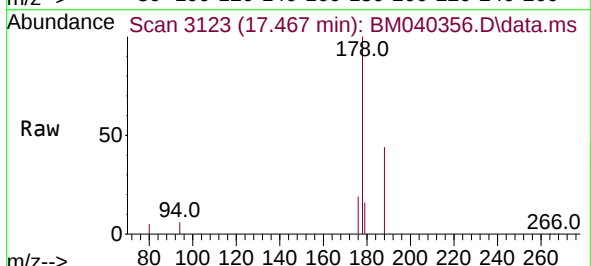
Tgt Ion:178 Resp: 52878

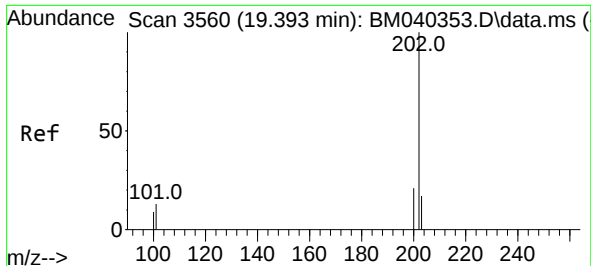
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

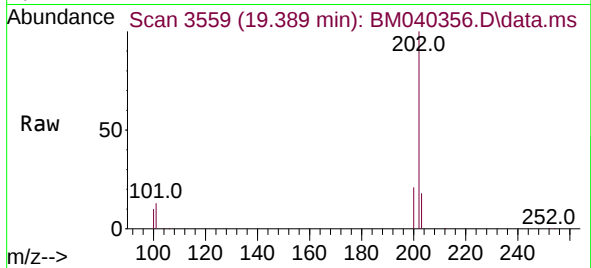
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 8.355 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

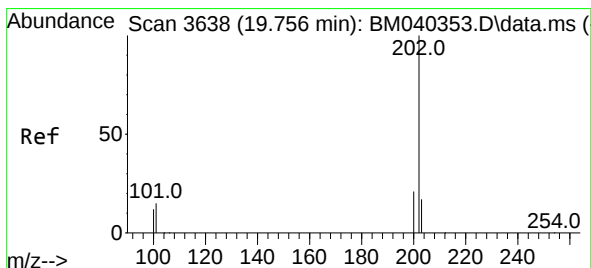
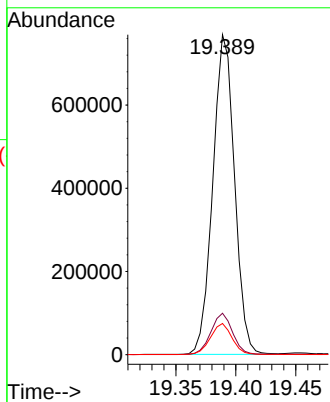
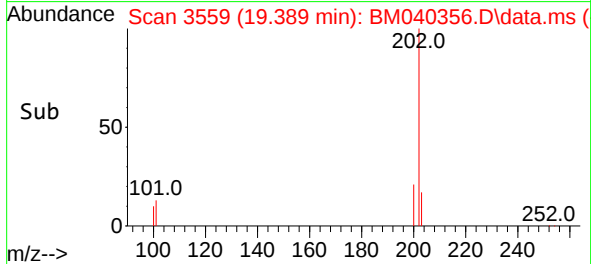
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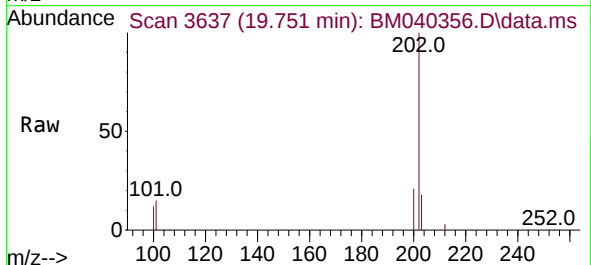
Tgt Ion:202 Resp: 968810
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 9.7 8.7 13.1

Manual Integrations
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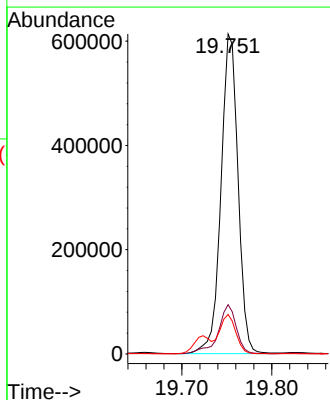
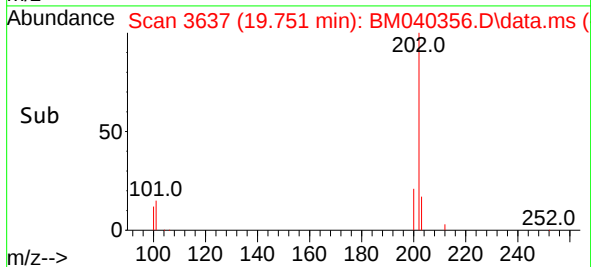
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Supervised By :mohammad ahmed 06/23/2023

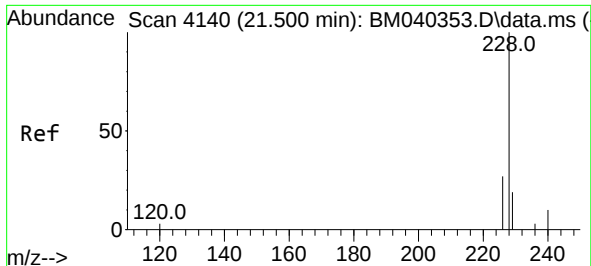


#20
Pyrene
Concen: 6.474 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43



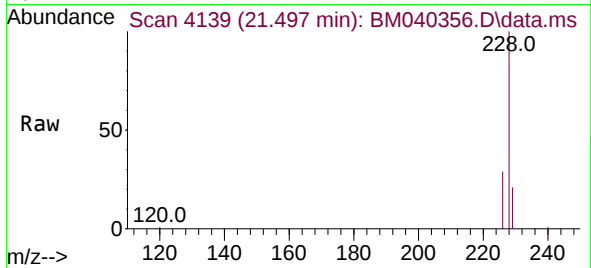
Tgt Ion:202 Resp: 804872
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.735 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

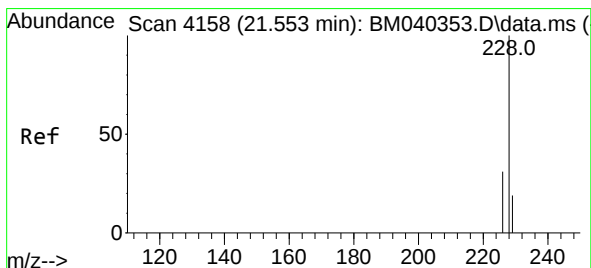
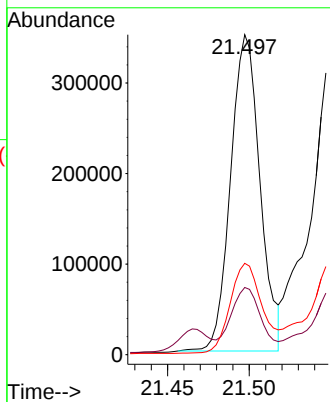
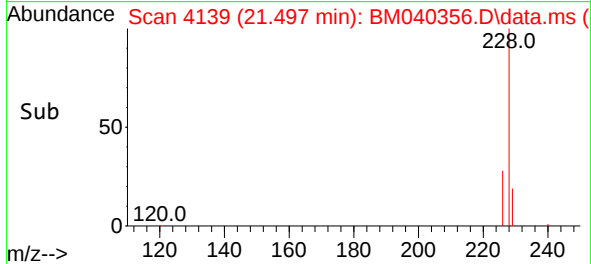
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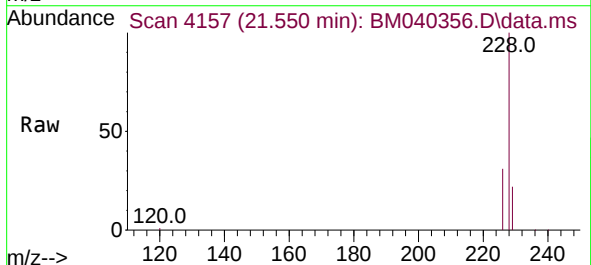
Tgt Ion:228 Resp: 43725
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
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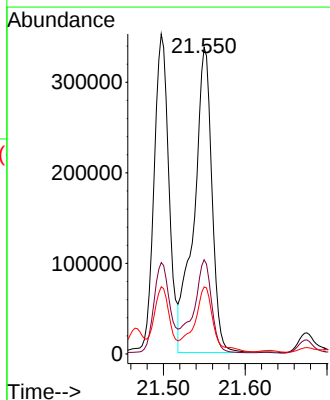
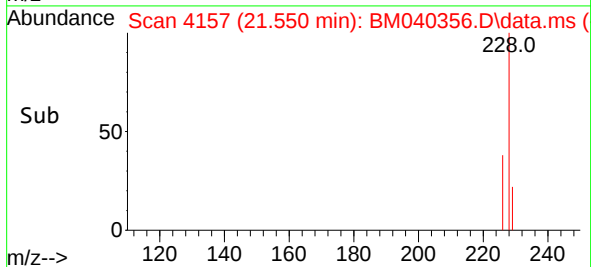
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

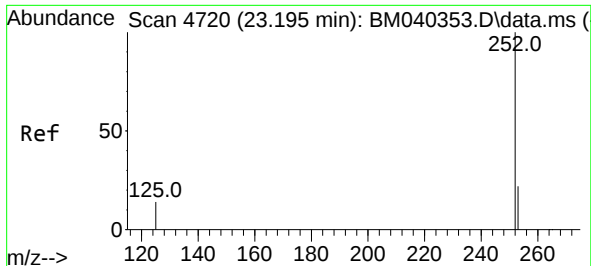


#22
Chrysene
Concen: 4.871 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43



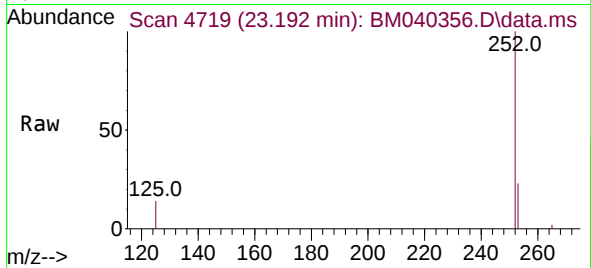
Tgt Ion:228 Resp: 513081
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.793 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

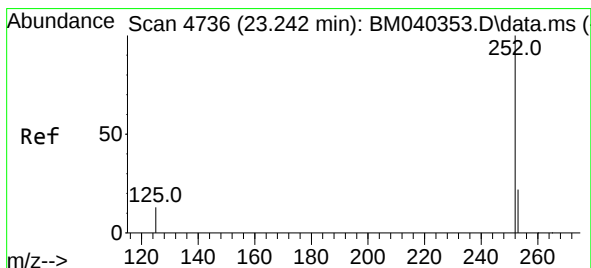
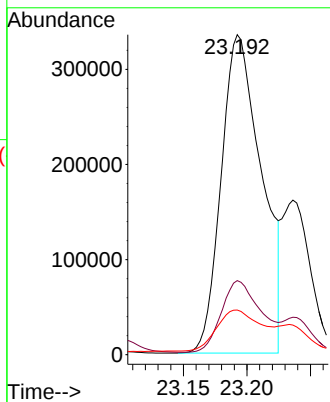
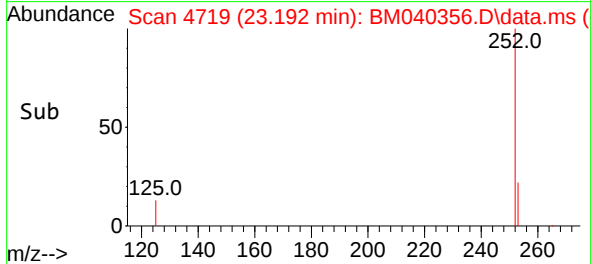
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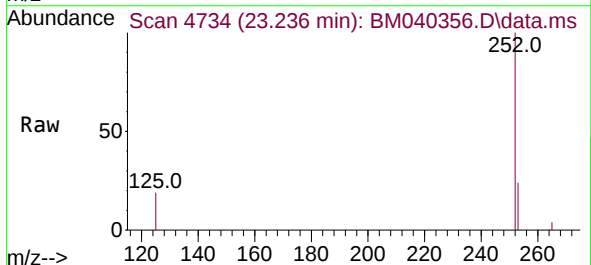
Tgt Ion:252 Resp: 738425
Ion Ratio Lower Upper
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253 23.2 0.0 52.8
125 14.0 0.0 43.0

Manual Integrations
APPROVED

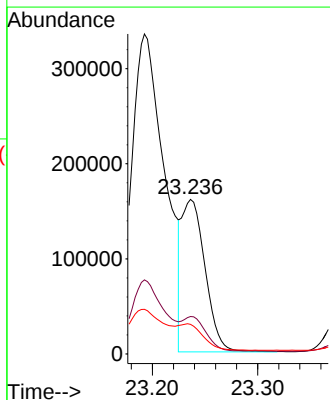
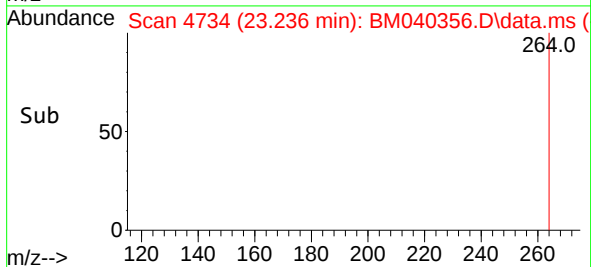
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

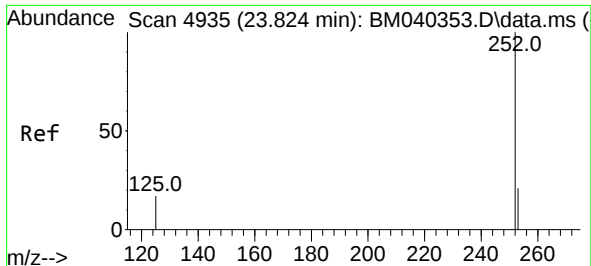


#25
Benzo(k)fluoranthene
Concen: 2.653 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43



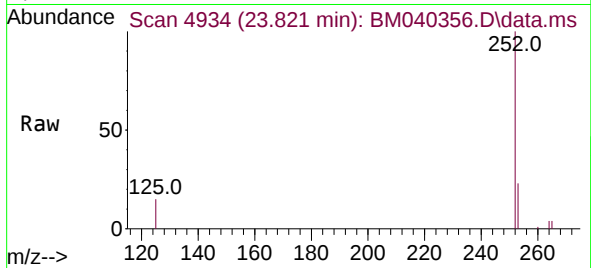
Tgt Ion:252 Resp: 247731
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 19.2 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.944 ng/ul
RT: 23.821 min Scan# 4935
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

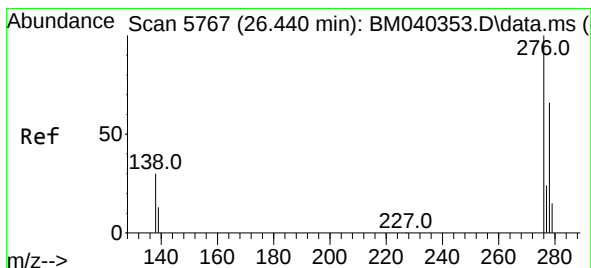
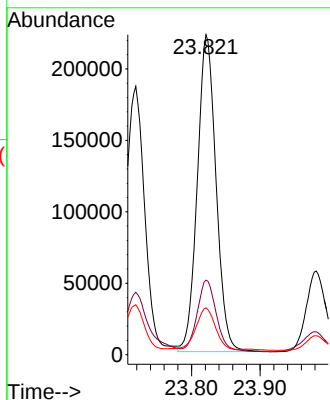
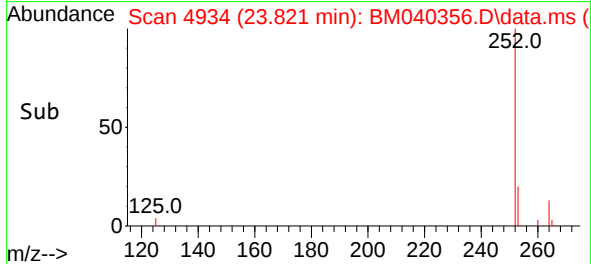
Instrument :
BNA_M
ClientSampleId :
DCFM0



Tgt Ion:252 Resp: 421952
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 14.6 21.0 31.4

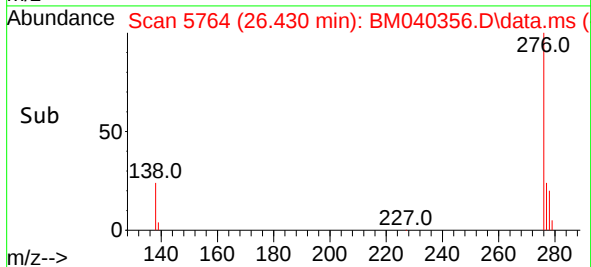
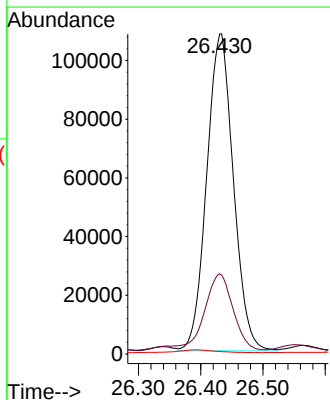
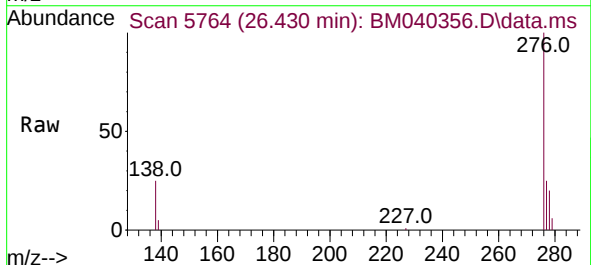
Manual Integrations
APPROVED

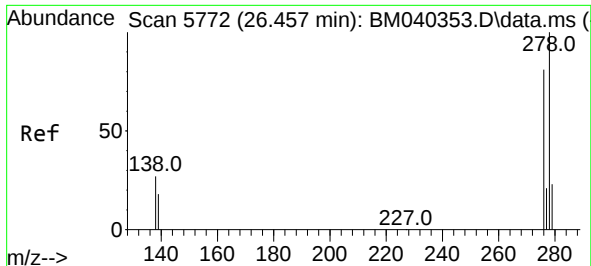
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.705 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

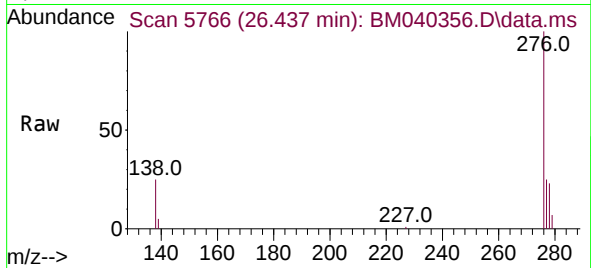
Tgt Ion:276 Resp: 321482
Ion Ratio Lower Upper
276 100
138 26.6 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.894 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

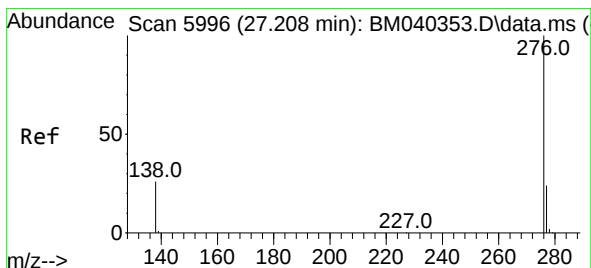
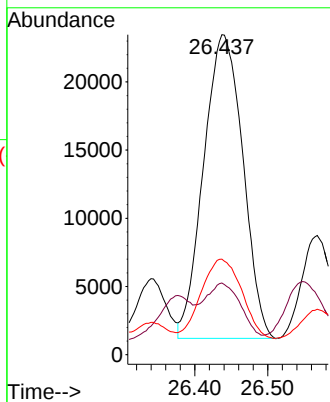
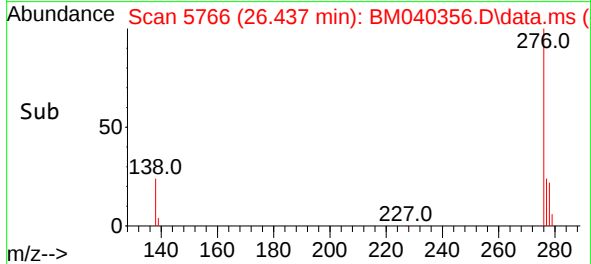
Instrument :
BNA_M
ClientSampleId :
DCFM0



Tgt Ion:278 Resp: 8320
Ion Ratio Lower Upper
278 100
139 22.4 17.9 26.9
279 29.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 2.814 ng/ul
RT: 27.208 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:276 Resp: 293128
Ion Ratio Lower Upper
276 100
138 25.8 23.0 34.6
277 24.2 20.3 30.5

