

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038079.D
 Acq On : 16 Dec 2022 22:35
 Operator : CG/JU
 Sample : N5925-18
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:22:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	16082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21156	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	16532	0.400	ng/ul	# 0.00
23) Perylene-d12	24.038	264	15960	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	22728	3.355	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.451	152	6469	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15075	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	8367	0.172	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	8080	0.270	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	6268	0.205	ng/ul	100
10) Acenaphthylene	14.402	152	1620	0.032	ng/ul#	63
11) Acenaphthene	14.740	153	820	0.021	ng/ul	92
14) Pentachlorophenol	17.067	266	1200	0.137	ng/ul	97
15) Phenanthrene	17.460	178	22864	0.321	ng/ul	99
16) Anthracene	17.552	178	2514	0.038	ng/ul#	81
19) Fluoranthene	19.464	202	37069	0.434	ng/ul	99
20) Pyrene	19.826	202	28908m	0.332	ng/ul	
21) Benzo(a)anthracene	21.565	228	18279	0.256	ng/ul#	91
22) Chrysene	21.621	228	22243m	0.309	ng/ul	
24) Benzo(b)fluoranthene	23.287	252	28950	0.382	ng/ul	94
25) Benzo(k)fluoranthene	23.331	252	10179m	0.139	ng/ul	
26) Benzo(a)pyrene	23.930	252	16715	0.262	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.602	276	12676	0.158	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.612	278	3427	0.055	ng/ul#	49
29) Benzo(g,h,i)perylene	27.400	276	9791	0.144	ng/ul#	91

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

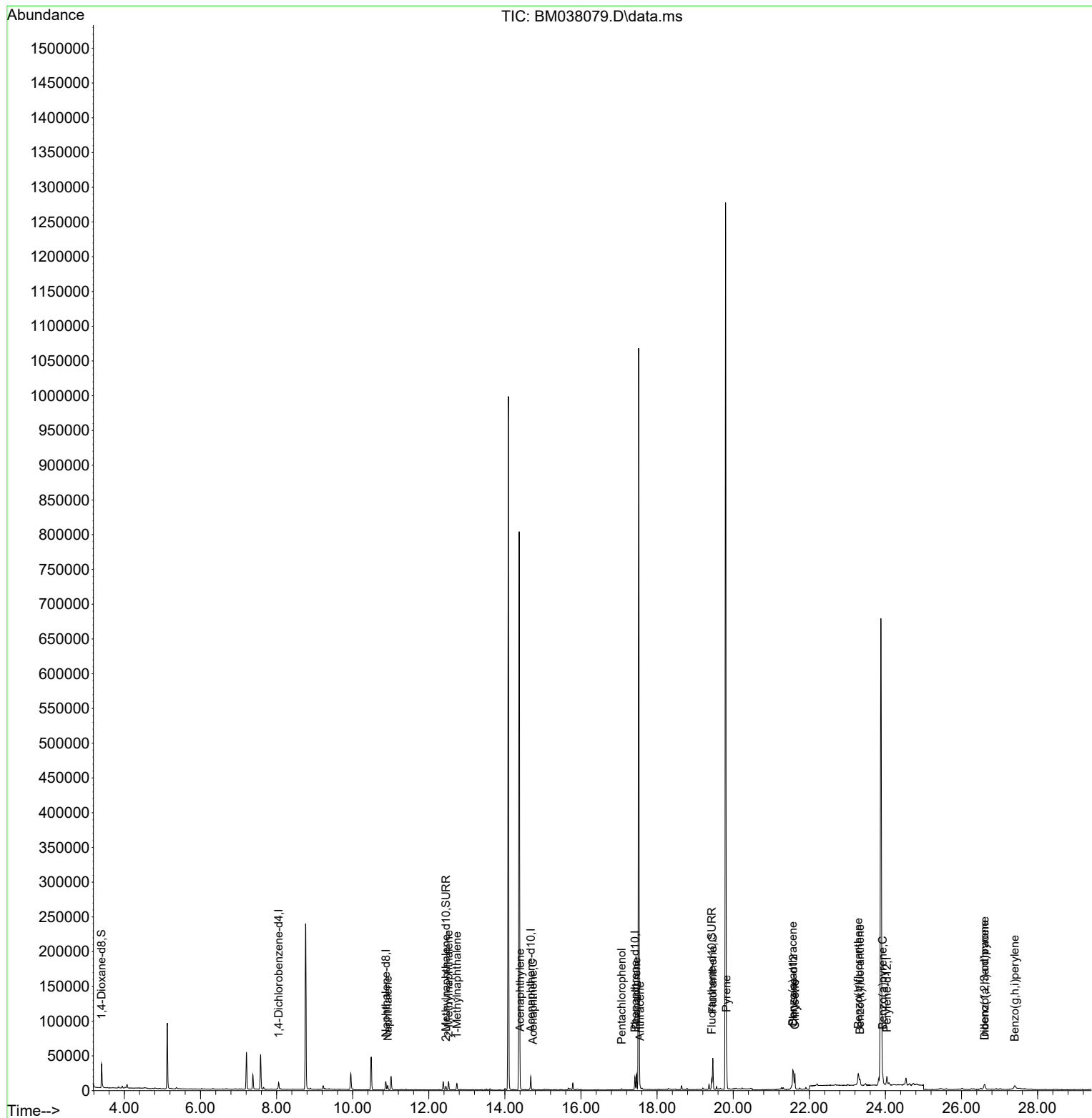
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038079.D
Acq On : 16 Dec 2022 22:35
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ALS Vial : 60 Sample Multiplier: 1

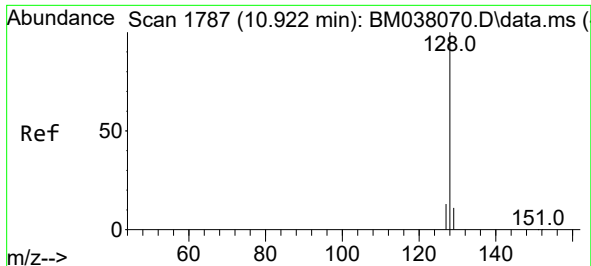
Instrument :
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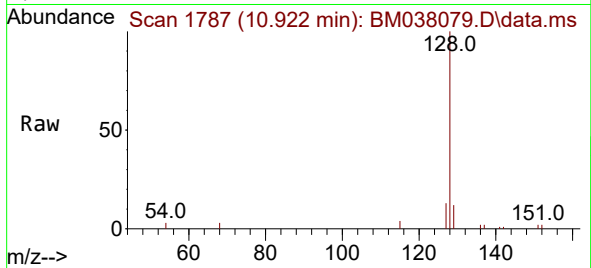
Quant Time: Dec 16 23:22:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
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#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

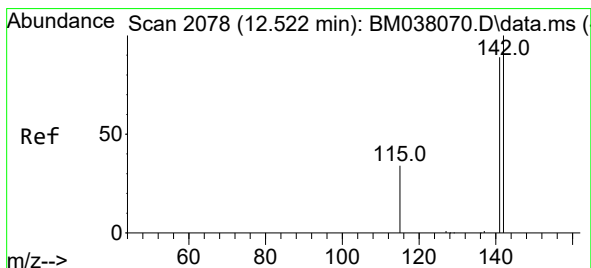
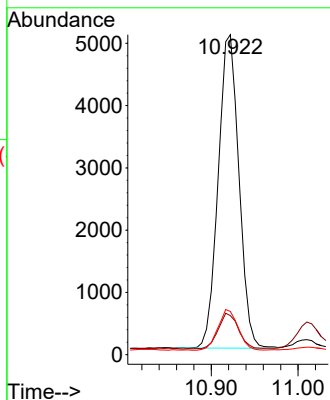
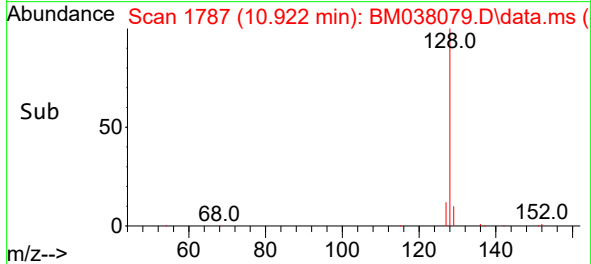
Instrument :
BNA_M
ClientSampleId :
DBYC7



Tgt Ion:128 Resp: 836
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.4 15.6

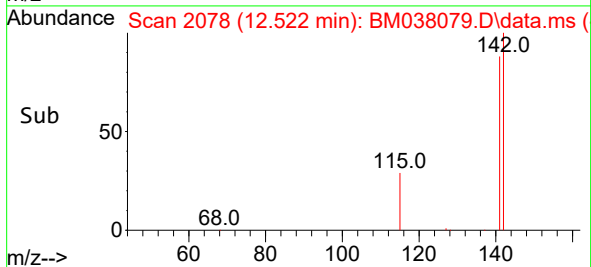
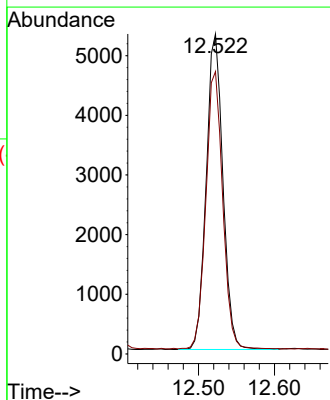
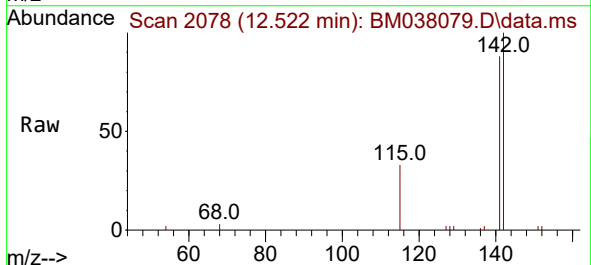
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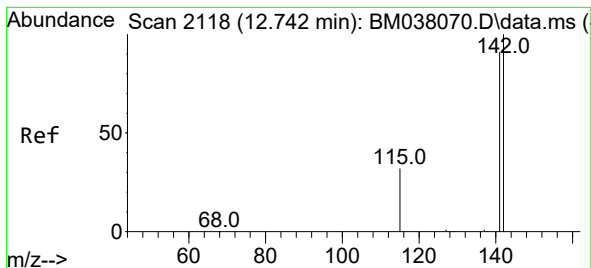
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:142 Resp: 8080
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.205 ng/ul

RT: 12.737 min Scan# 2117

Delta R.T. -0.011 min

Lab File: BM038079.D

Acq: 16 Dec 2022 22:35

Instrument :

BNA_M

ClientSampleId :

DBYC7

Tgt Ion:142 Resp: 6268

Ion Ratio Lower Upper

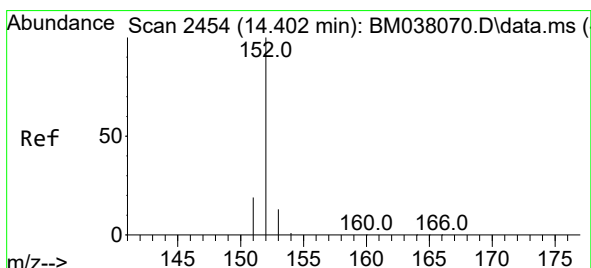
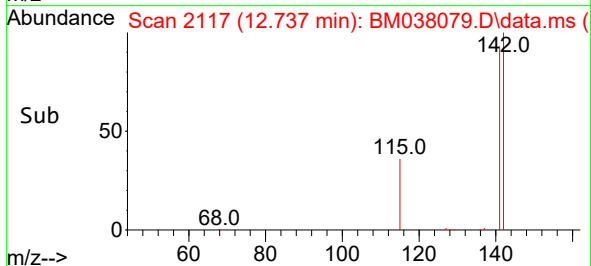
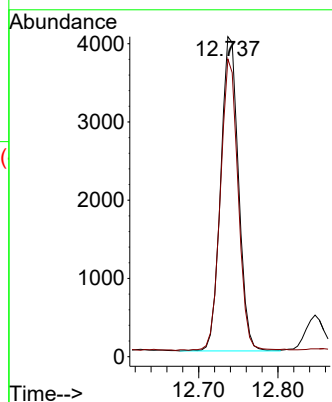
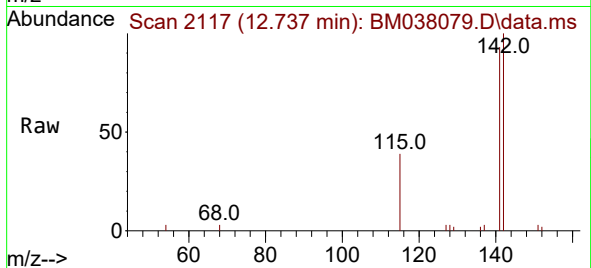
142 100

141 92.2 73.6 110.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.402 min Scan# 2454

Delta R.T. -0.005 min

Lab File: BM038079.D

Acq: 16 Dec 2022 22:35

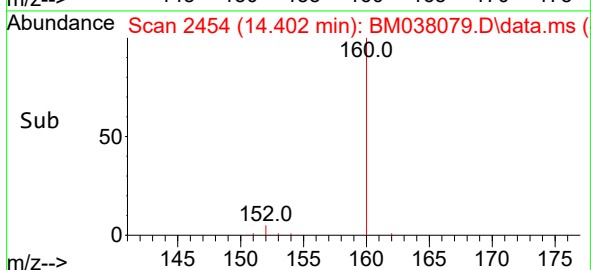
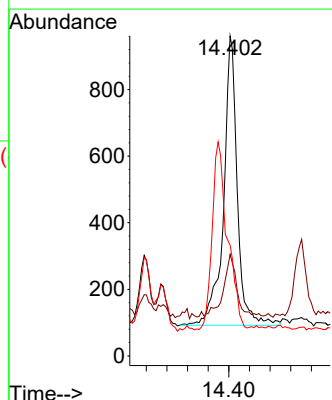
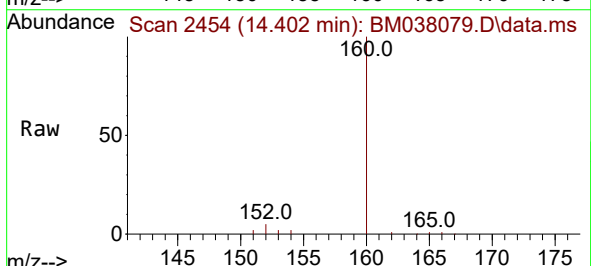
Tgt Ion:152 Resp: 1620

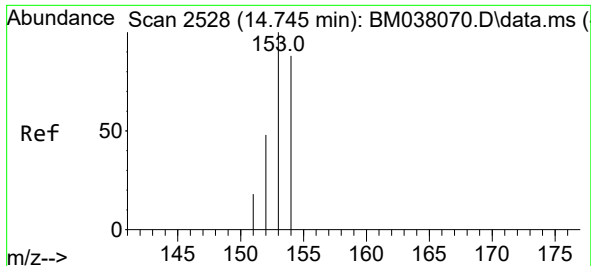
Ion Ratio Lower Upper

152 100

151 31.7 15.5 23.3#

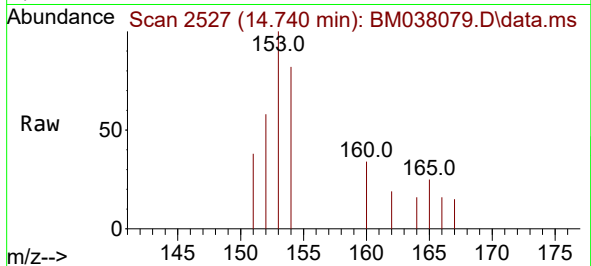
153 34.7 11.0 16.4#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

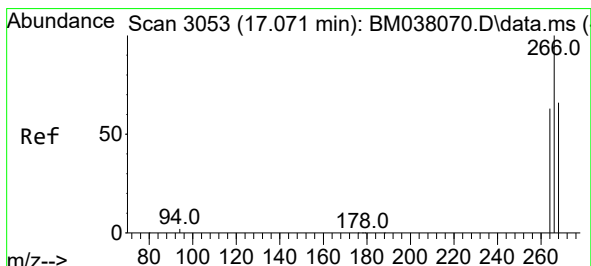
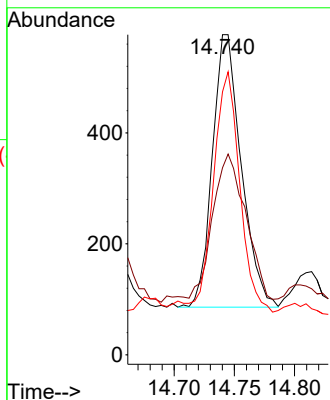
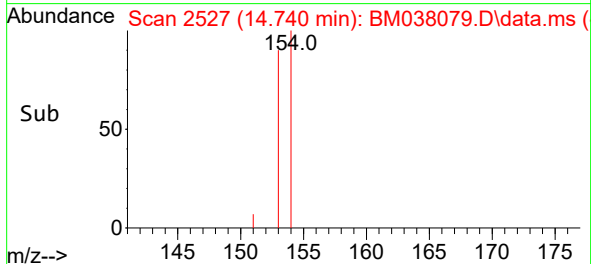
Instrument :
BNA_M
ClientSampleId :
DBYC7



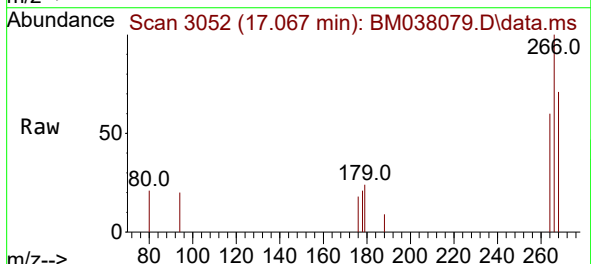
Tgt Ion:153 Resp: 820
Ion Ratio Lower Upper
153 100
152 58.4 39.5 59.3
154 82.1 69.2 103.8

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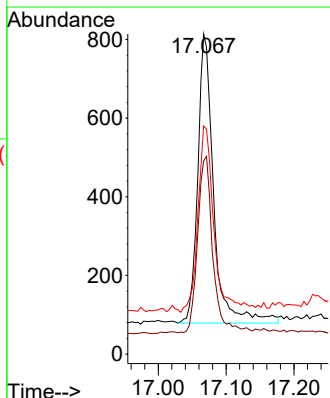
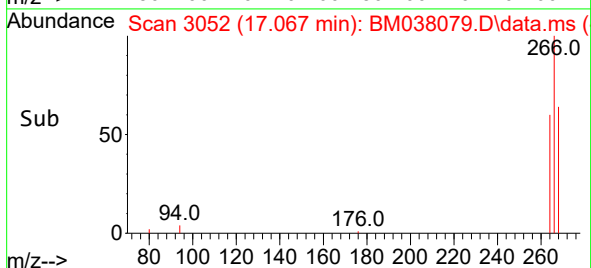
Reviewed By :Jagrut Upadhyay 12/19/2022
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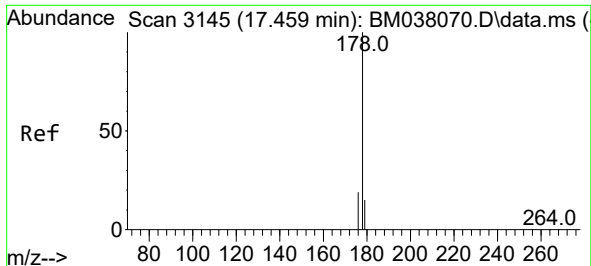


#14
Pentachlorophenol
Concen: 0.137 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35



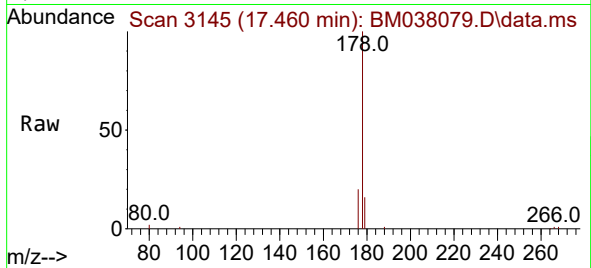
Tgt Ion:266 Resp: 1200
Ion Ratio Lower Upper
266 100
264 58.3 49.9 74.9
268 65.7 52.0 78.0





#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

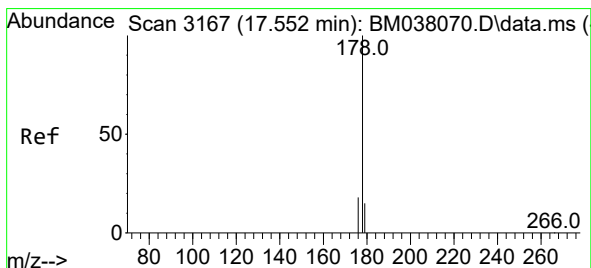
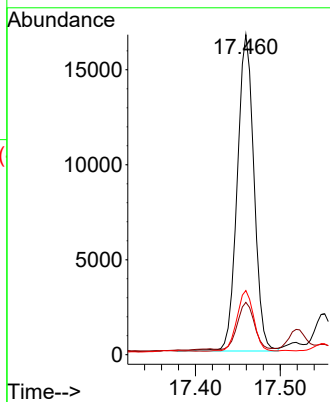
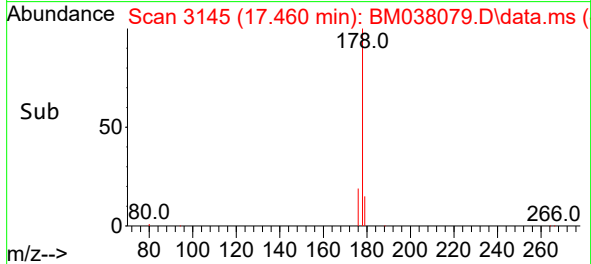
Instrument :
BNA_M
ClientSampleId :
DBYC7



Tgt Ion:178 Resp: 22864
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.0 15.8 23.6

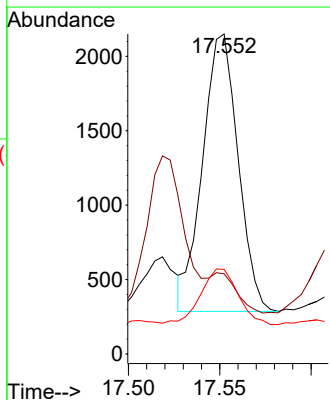
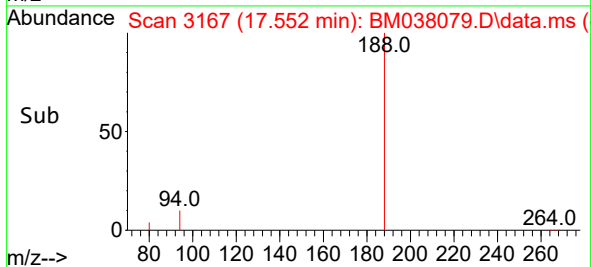
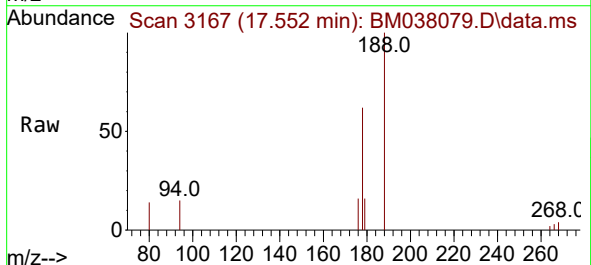
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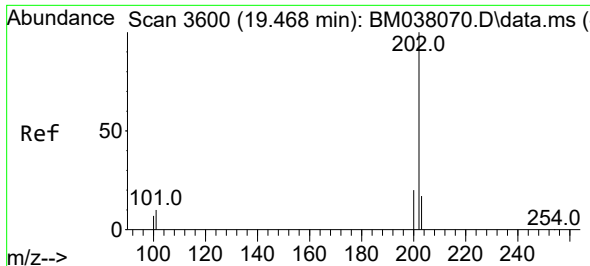
Reviewed By :Jagrut Upadhyay 12/19/2022
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#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:178 Resp: 2514
Ion Ratio Lower Upper
178 100
179 25.1 13.0 19.4#
176 26.5 15.0 22.4#





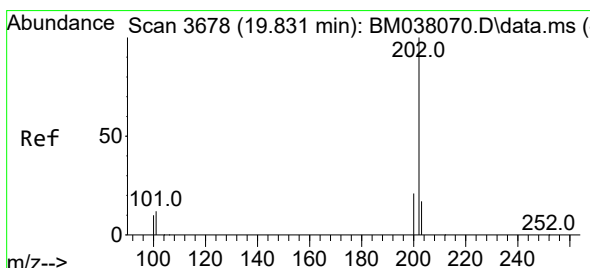
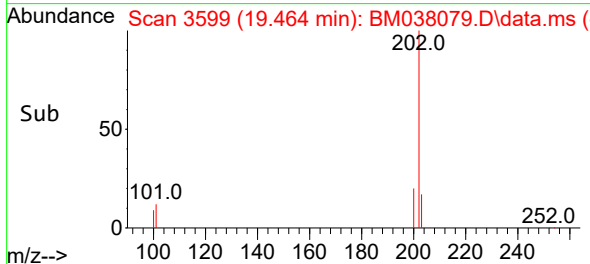
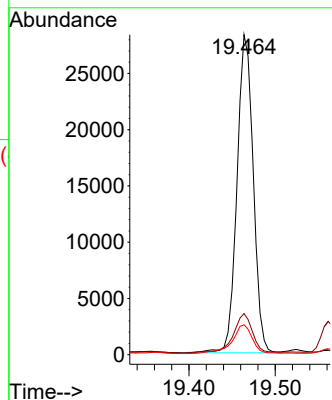
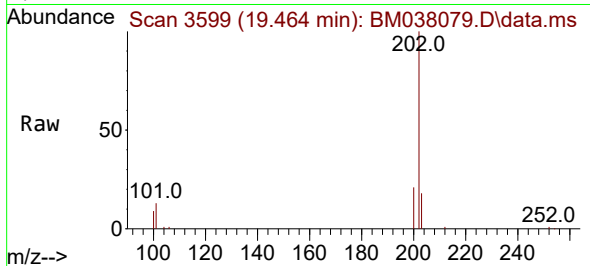
#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Instrument :
BNA_M
ClientSampleId :
DBYC7

Tgt Ion:202 Resp: 37069
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 9.3 7.9 11.9

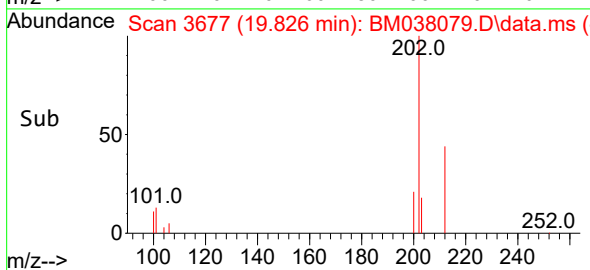
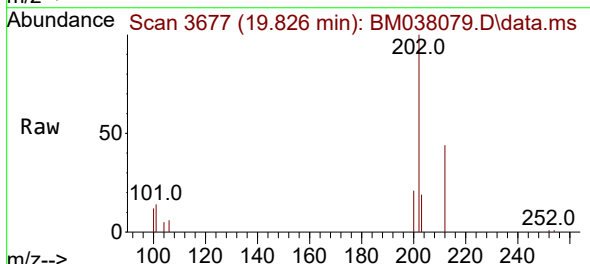
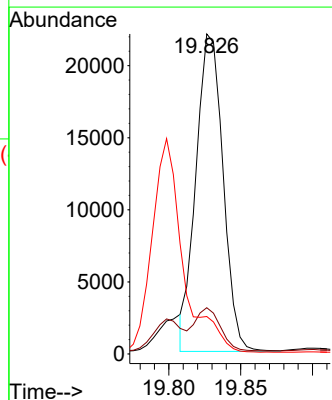
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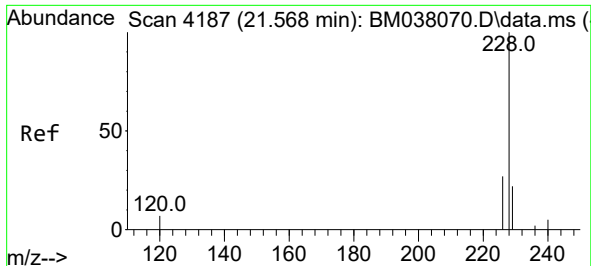
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#20
Pyrene
Concen: 0.332 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

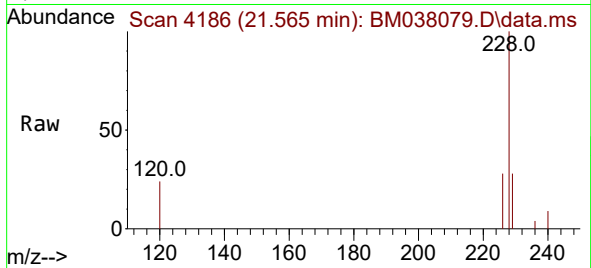
Tgt Ion:202 Resp: 28908
Ion Ratio Lower Upper
202 100
101 14.5 12.1 18.1
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

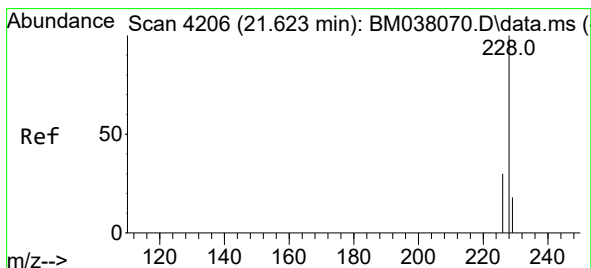
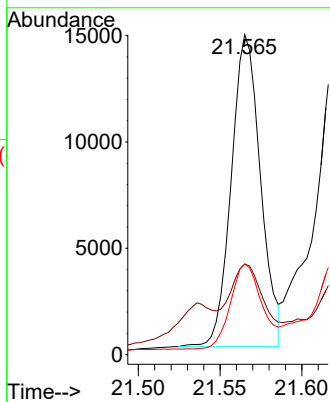
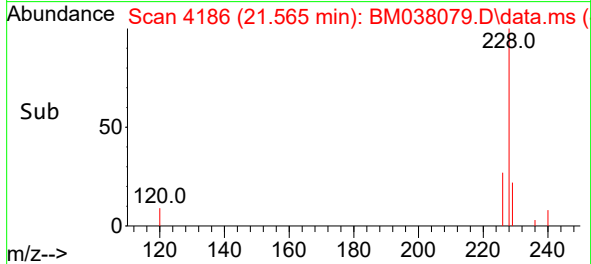
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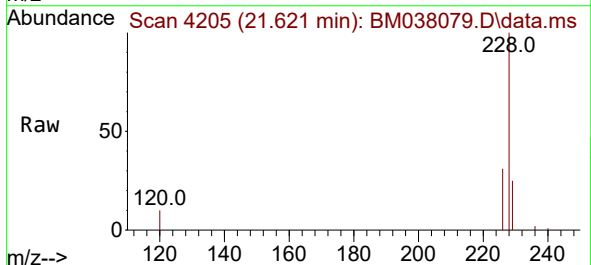
Tgt Ion:228 Resp: 18279
Ion Ratio Lower Upper
228 100
229 28.4 15.9 23.9
226 28.4 22.1 33.1

Manual Integrations
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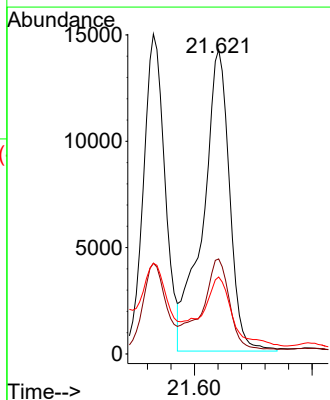
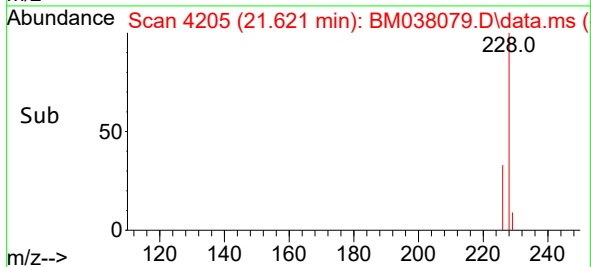
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

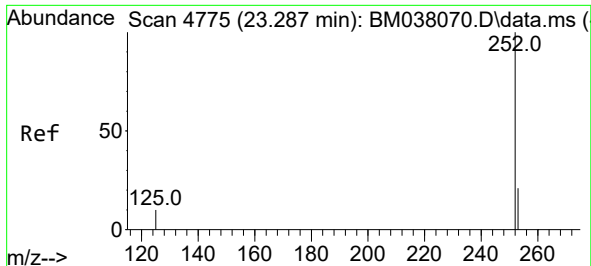


#22
Chrysene
Concen: 0.309 ng/ul m
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35



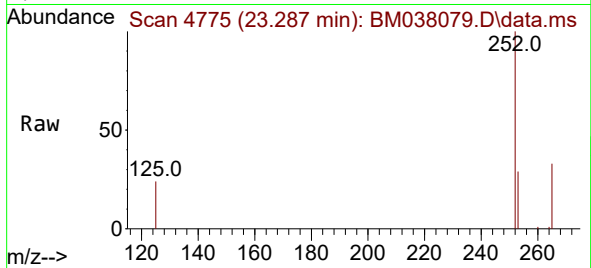
Tgt Ion:228 Resp: 22243
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 25.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

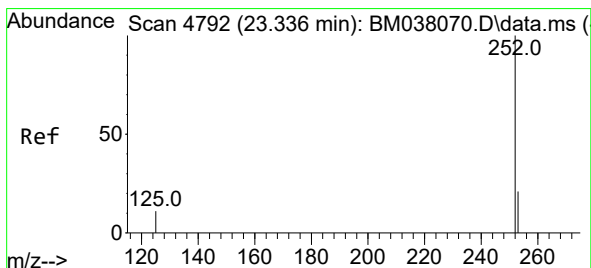
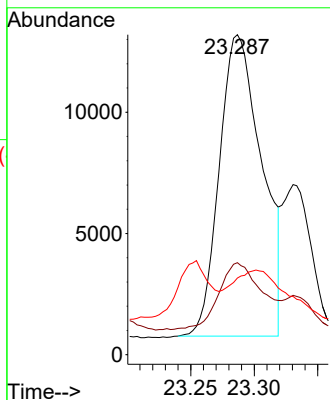
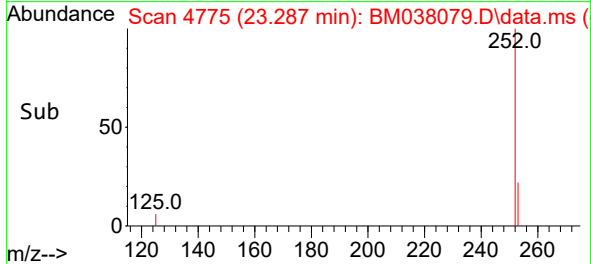
Instrument :
BNA_M
ClientSampleId :
DBYC7



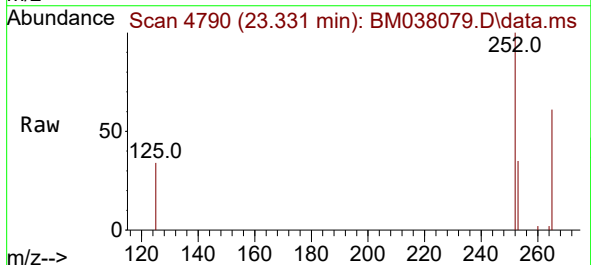
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Ion Ratio Lower Upper
252 100
253 28.7 0.0 51.8
125 24.0 0.0 42.2

Manual Integrations
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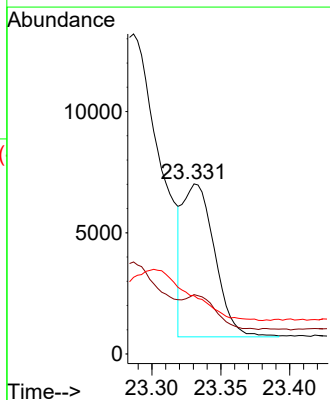
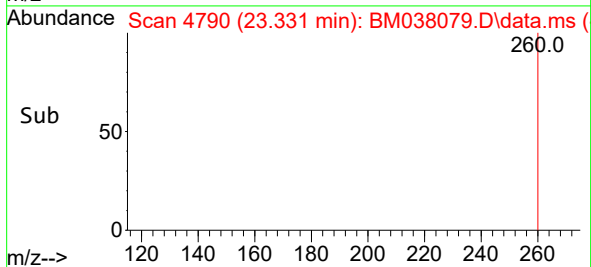
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

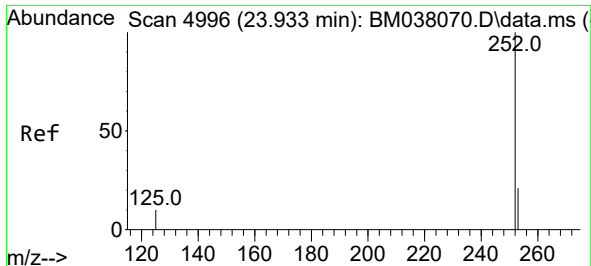


#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.331 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35



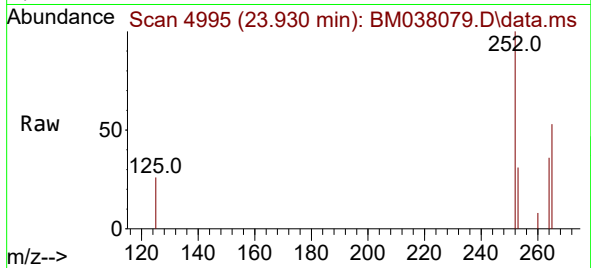
Tgt Ion:252 Resp: 10179
Ion Ratio Lower Upper
252 100
253 34.9 20.8 31.2#
125 34.3 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.930 min Scan# 4996
Delta R.T. 0.000 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

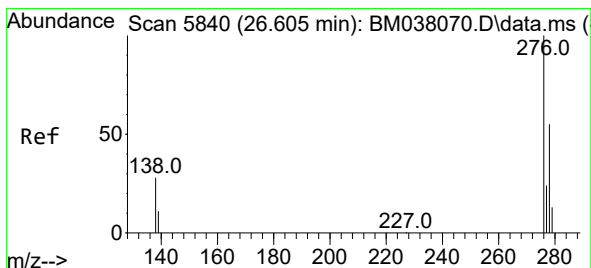
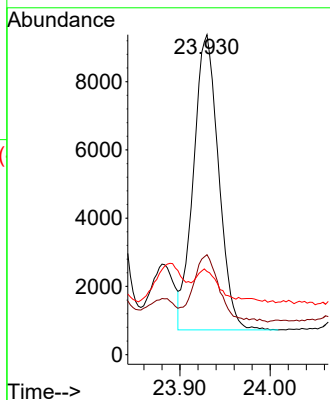
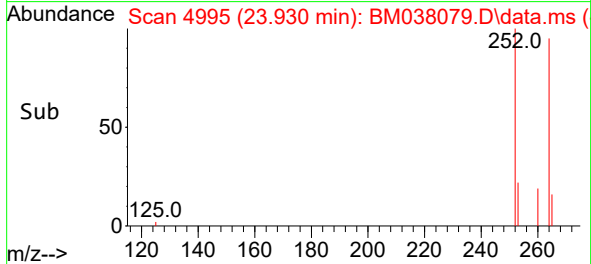
Instrument :
BNA_M
ClientSampleId :
DBYC7



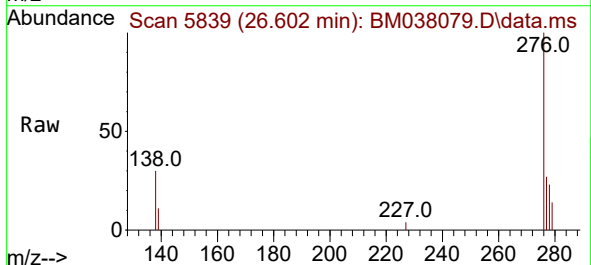
Tgt Ion:252 Resp: 16715
Ion Ratio Lower Upper
252 100
253 31.3 21.9 32.9
125 26.0 20.7 31.1

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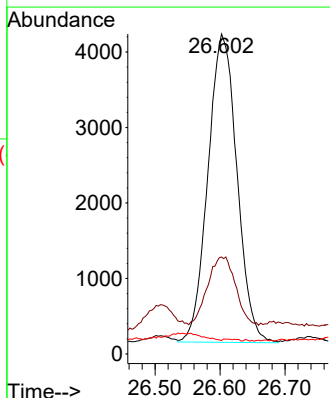
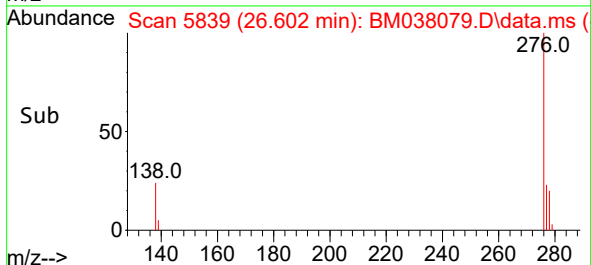
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

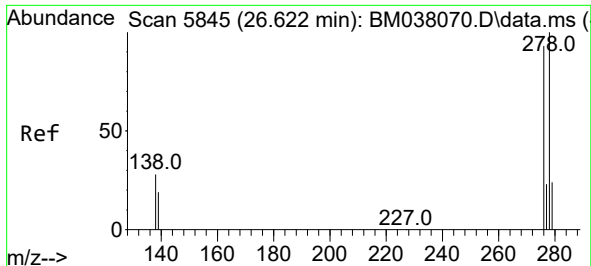


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.007 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35



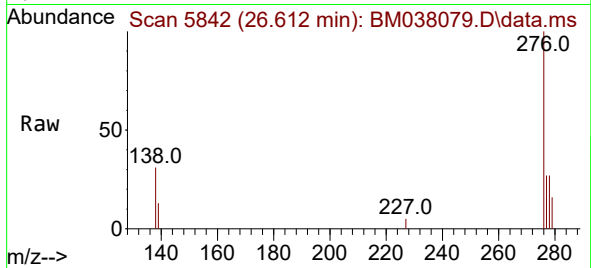
Tgt Ion:276 Resp: 12676
Ion Ratio Lower Upper
276 100
138 22.4 26.6 40.0#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

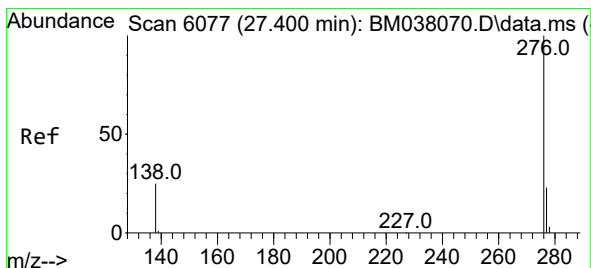
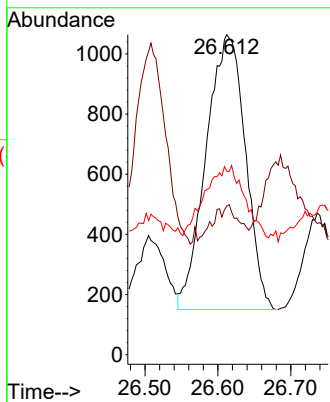
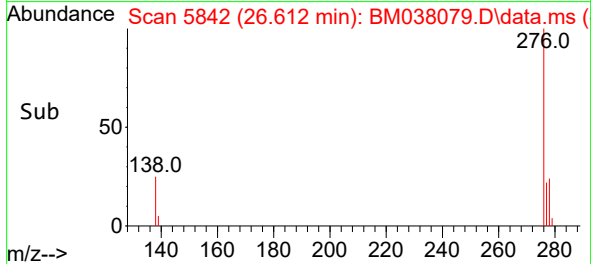
Instrument :
BNA_M
ClientSampleId :
DBYC7



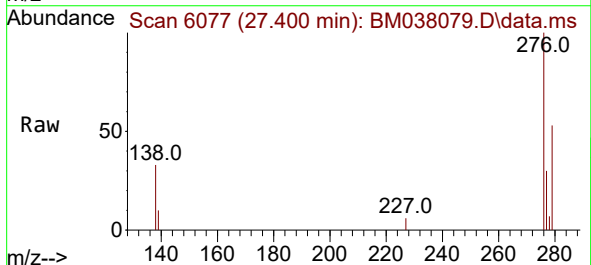
Tgt Ion:278 Resp: 342
Ion Ratio Lower Upper
278 100
139 46.4 19.0 28.6
279 57.3 22.4 33.6

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Supervised By :mohammad ahmed 12/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35



Tgt Ion:276 Resp: 9791
Ion Ratio Lower Upper
276 100
138 33.3 24.1 36.1
277 30.1 19.0 28.6

