

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038076.D
 Acq On : 16 Dec 2022 20:44
 Operator : CG/JU
 Sample : N5925-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA2

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 23:22:02 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	5649	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	18053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21803	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	17296	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	15905	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	29009	3.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	7945	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	18085	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	3065	0.056	ng/ul#	90
7) 2-Methylnaphthalene	12.522	142	1285	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	942	0.027	ng/ul	99
10) Acenaphthylene	14.402	152	4769	0.088	ng/ul#	92
11) Acenaphthene	14.745	153	1131	0.028	ng/ul#	83
12) Fluorene	15.726	166	1059	0.023	ng/ul#	93
14) Pentachlorophenol	17.067	266	1447	0.160	ng/ul	97
15) Phenanthrene	17.460	178	26968	0.367	ng/ul	99
16) Anthracene	17.552	178	5847	0.086	ng/ul#	92
19) Fluoranthene	19.464	202	87296	0.977	ng/ul	98
20) Pyrene	19.826	202	69272m	0.760	ng/ul	
21) Benzo(a)anthracene	21.565	228	43658	0.584	ng/ul	99
22) Chrysene	21.621	228	47253	0.627	ng/ul	97
24) Benzo(b)fluoranthene	23.284	252	75235	0.997	ng/ul	94
25) Benzo(k)fluoranthene	23.331	252	23378m	0.321	ng/ul	
26) Benzo(a)pyrene	23.933	252	42553	0.670	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.606	276	33530	0.421	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.612	278	9141	0.147	ng/ul#	84
29) Benzo(g,h,i)perylene	27.400	276	25030	0.370	ng/ul	98

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

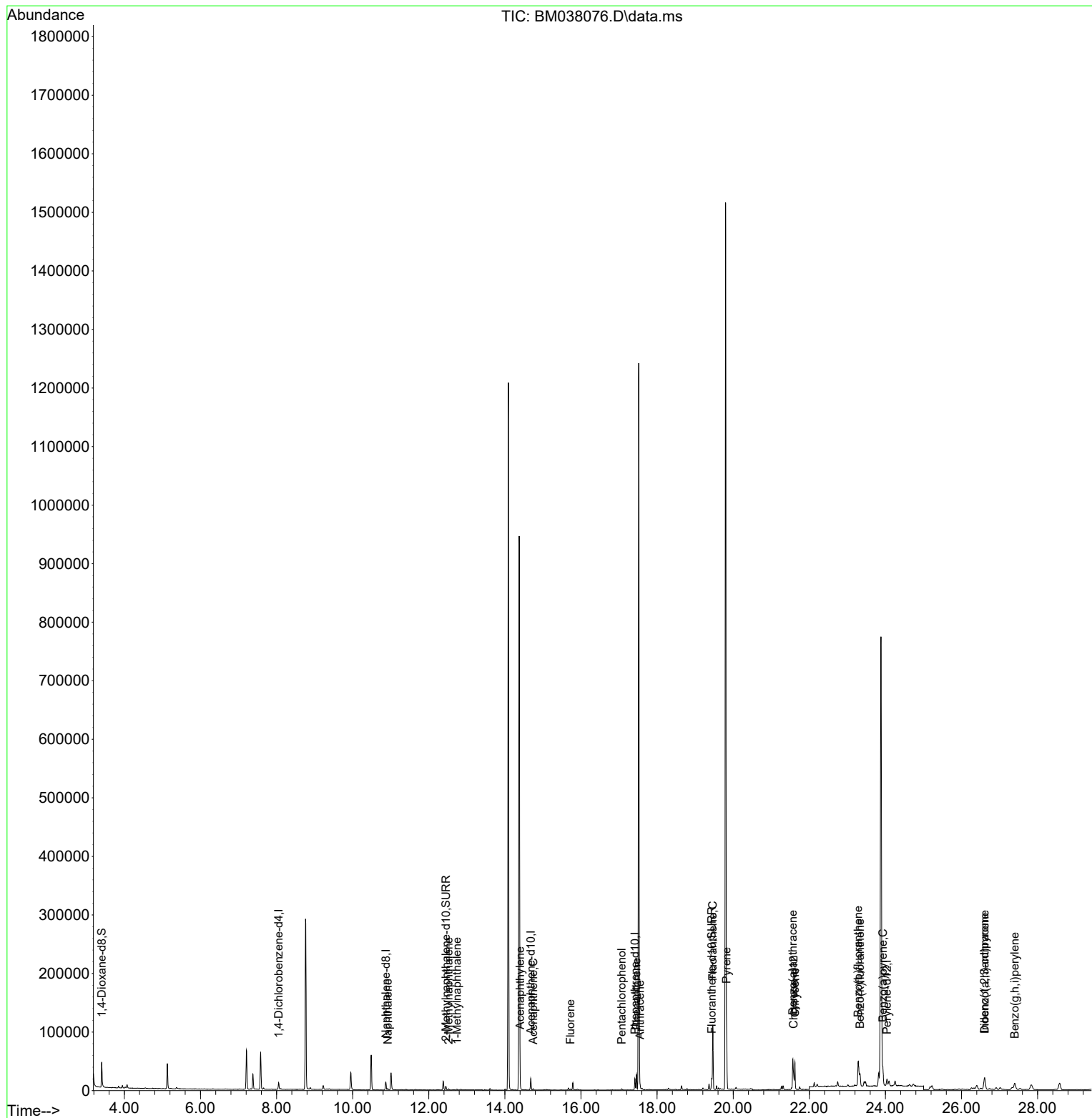
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038076.D
Acq On : 16 Dec 2022 20:44
Operator : CG/JU
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ALS Vial : 57 Sample Multiplier: 1

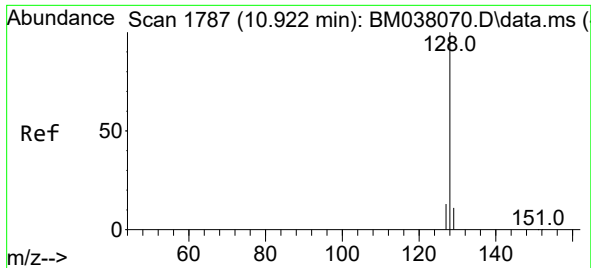
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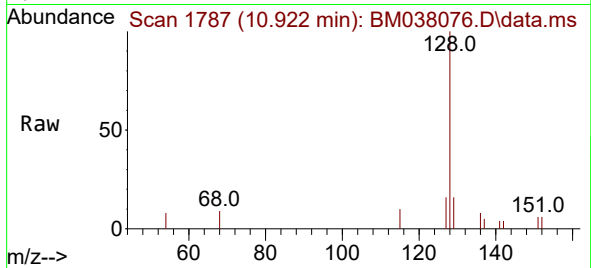
Quant Time: Dec 16 23:22:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
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#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

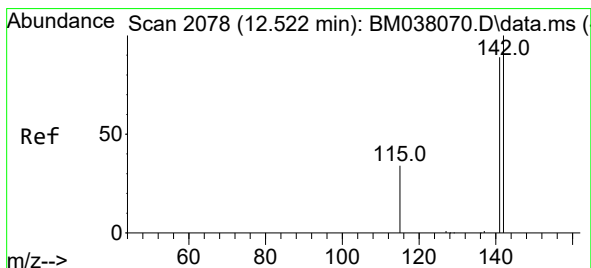
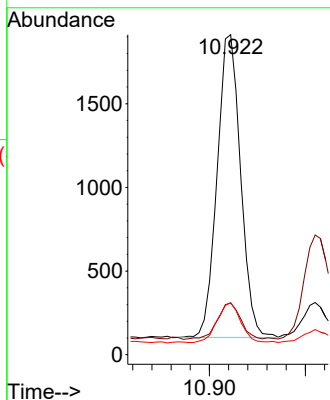
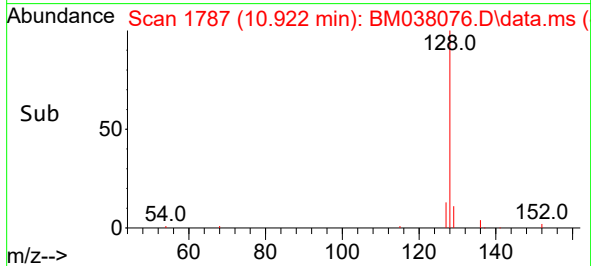
Instrument :
BNA_M
ClientSampleId :
DBYA2



Tgt Ion:128 Resp: 3065
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7
127 16.3 10.4 15.6

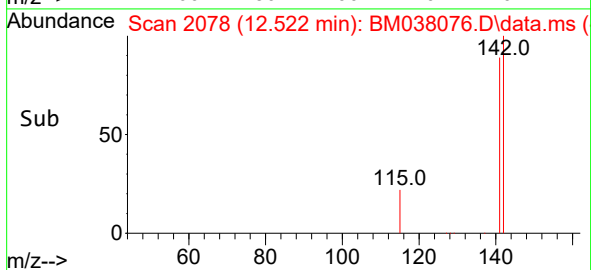
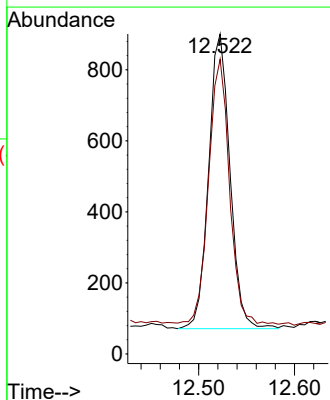
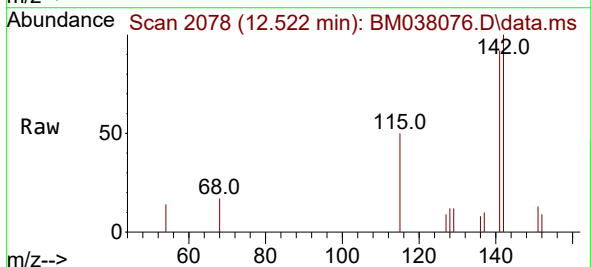
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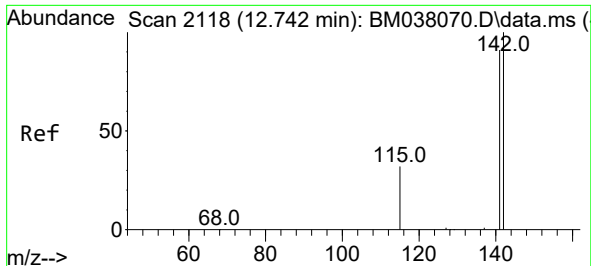
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Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

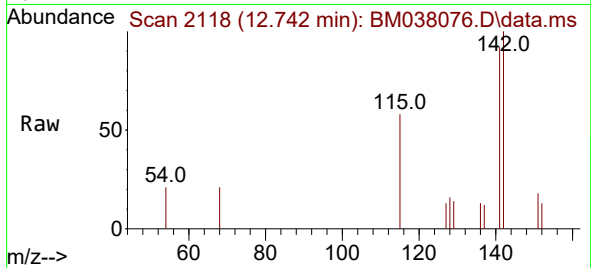
Tgt Ion:142 Resp: 1285
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

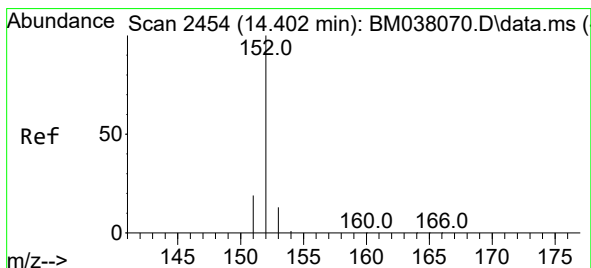
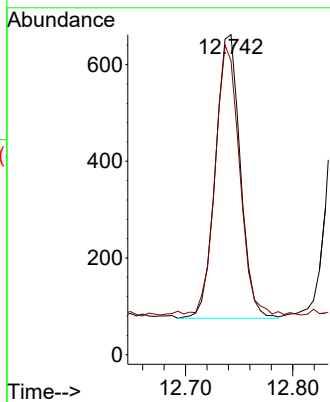
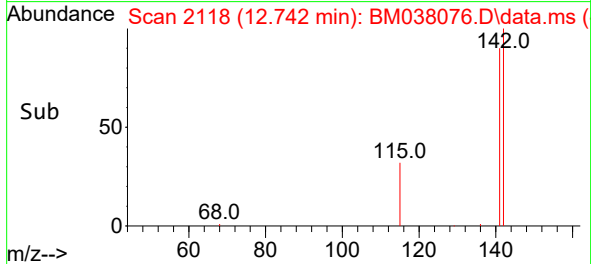
Instrument :
BNA_M
ClientSampleId :
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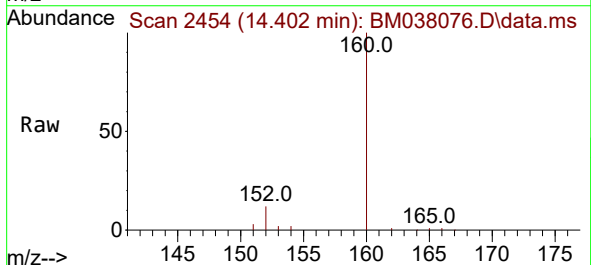
Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
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141 93.4 73.6 110.4

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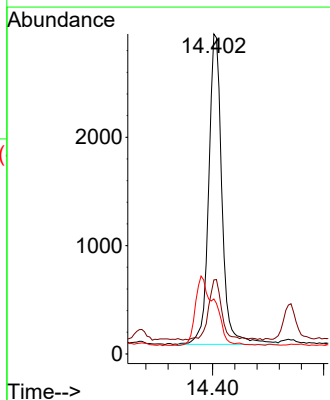
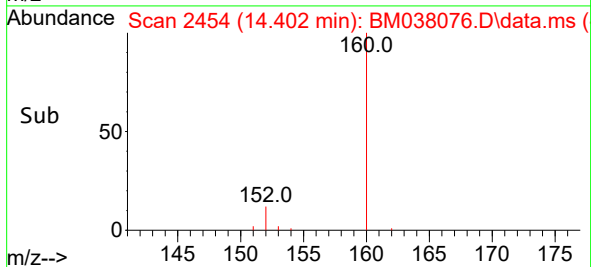
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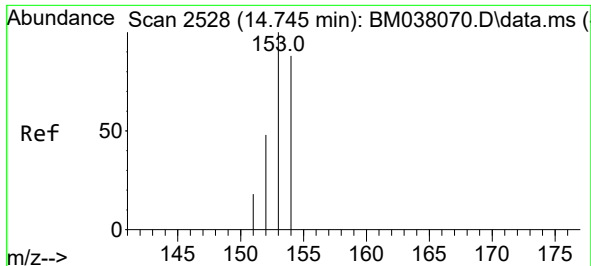


#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



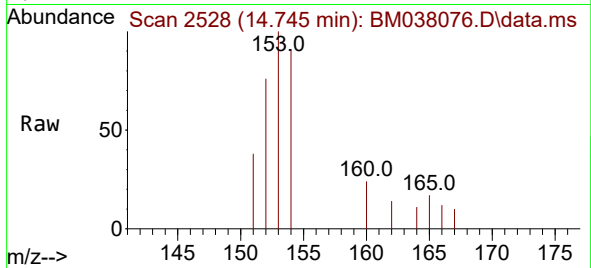
Tgt Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
151 23.1 15.5 23.3
153 17.2 11.0 16.4#





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

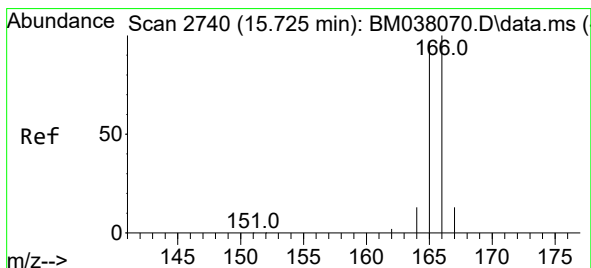
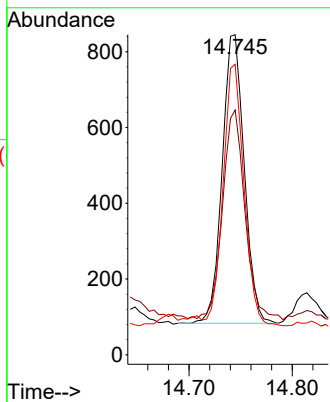
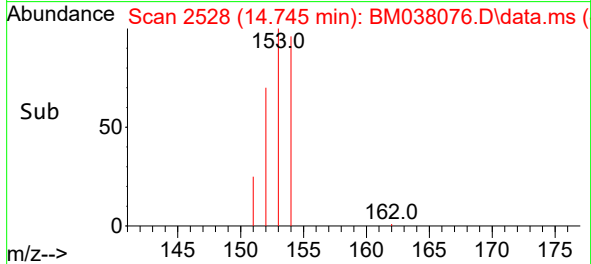
Instrument :
BNA_M
ClientSampleId :
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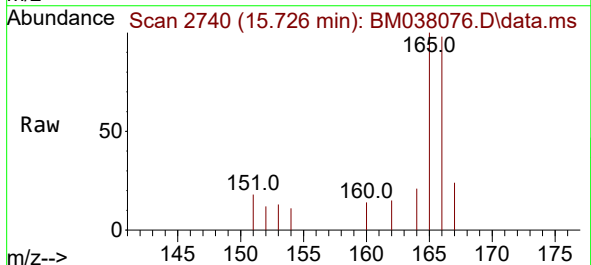
Tgt Ion:153 Resp: 113
Ion Ratio Lower Upper
153 100
152 76.4 39.5 59.3
154 90.8 69.2 103.8

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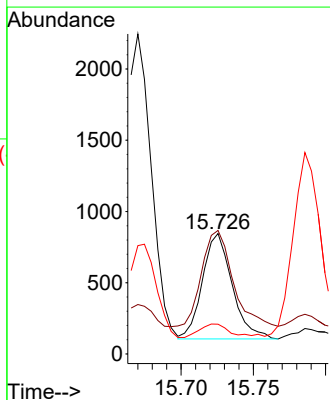
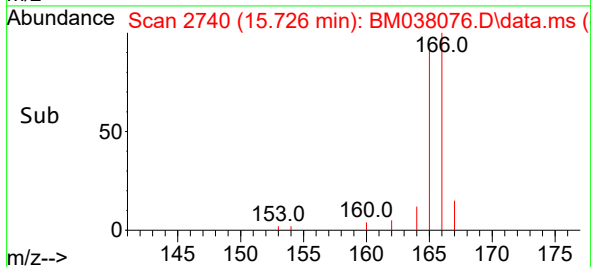
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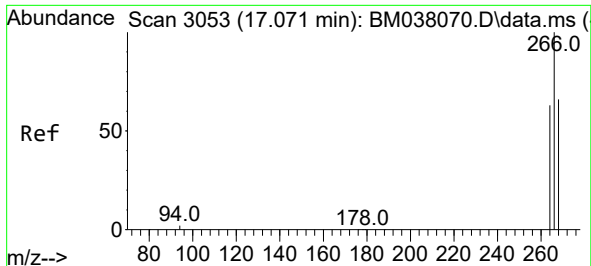


#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



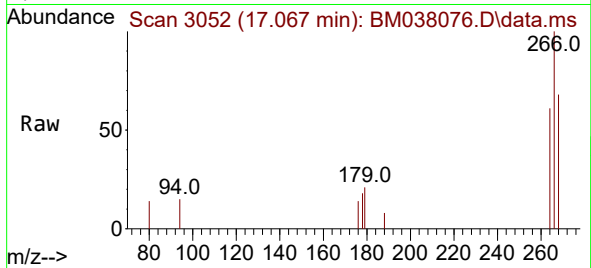
Tgt Ion:166 Resp: 1059
Ion Ratio Lower Upper
166 100
165 102.5 79.0 118.4
167 24.7 11.1 16.7





#14
Pentachlorophenol
Concen: 0.160 ng/ul
RT: 17.067 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

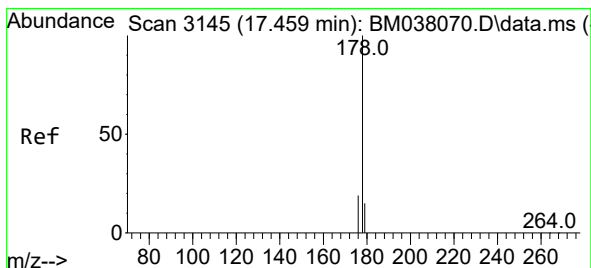
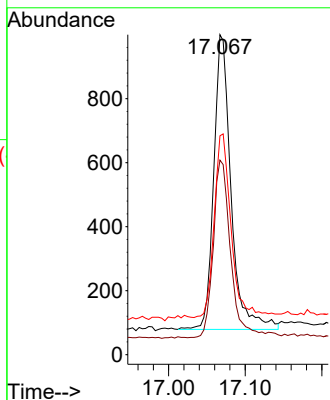
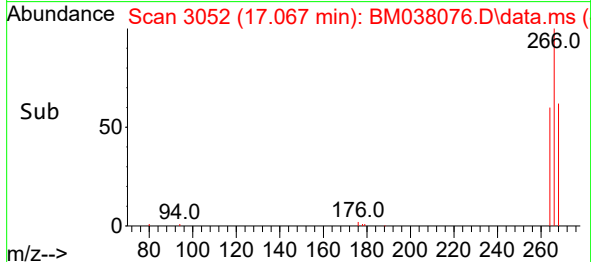
Instrument :
BNA_M
ClientSampleId :
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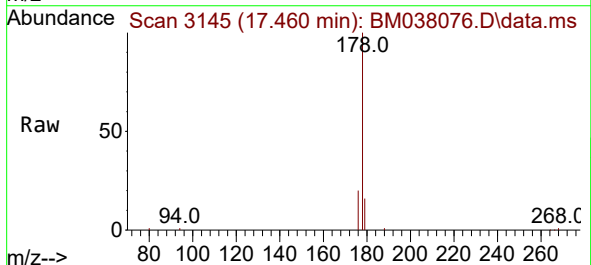
Tgt Ion:266 Resp: 144
Ion Ratio Lower Upper
266 100
264 61.2 49.9 74.9
268 61.4 52.0 78.0

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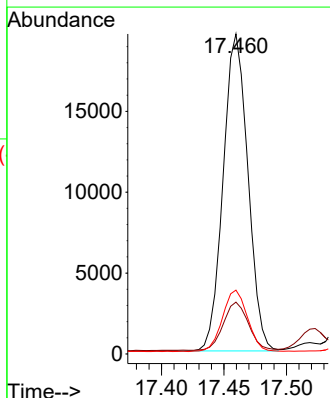
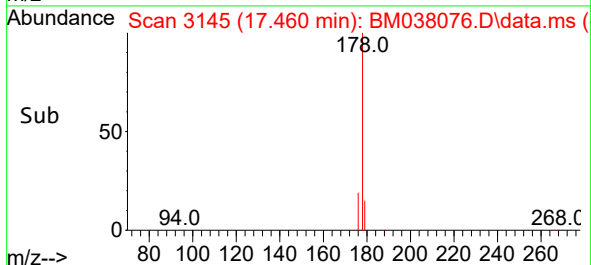
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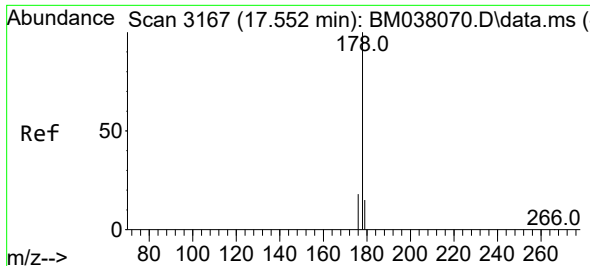


#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



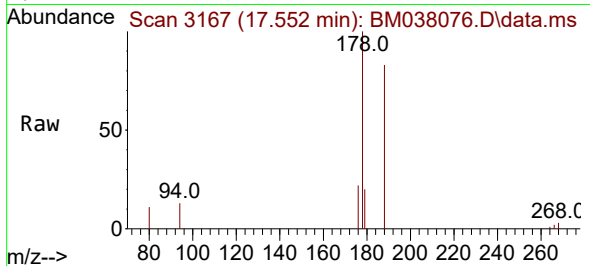
Tgt Ion:178 Resp: 26968
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.9 15.8 23.6





#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038076.D
 Acq: 16 Dec 2022 20:44

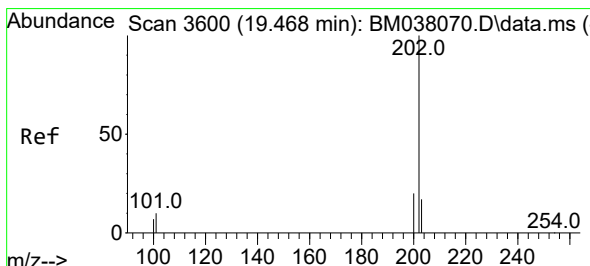
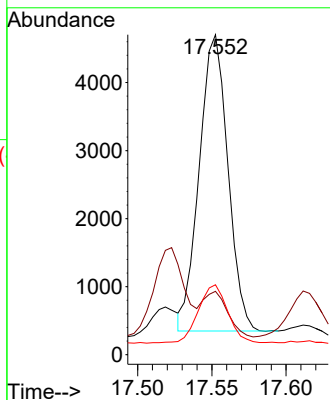
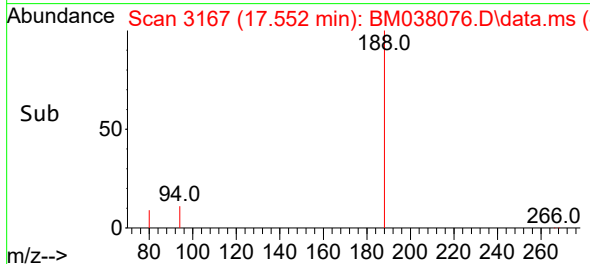
Instrument :
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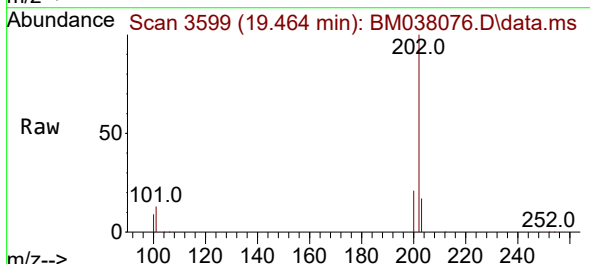
Tgt Ion:178 Resp: 584
 Ion Ratio Lower Upper
 178 100
 179 19.8 13.0 19.4
 176 21.8 15.0 22.4

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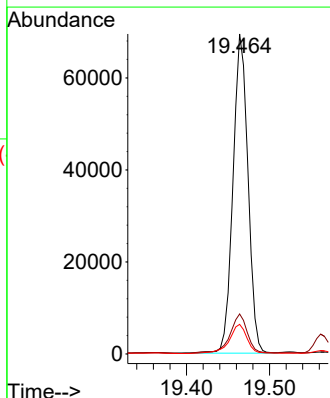
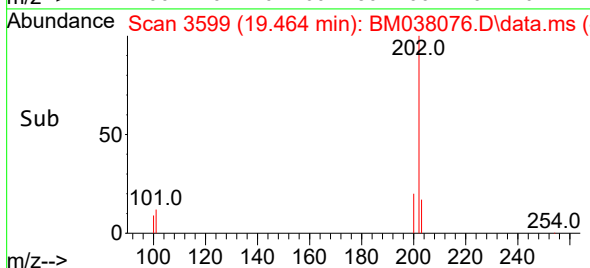
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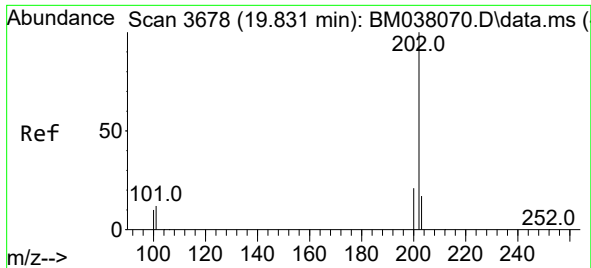


#19
 Fluoranthene
 Concen: 0.977 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038076.D
 Acq: 16 Dec 2022 20:44



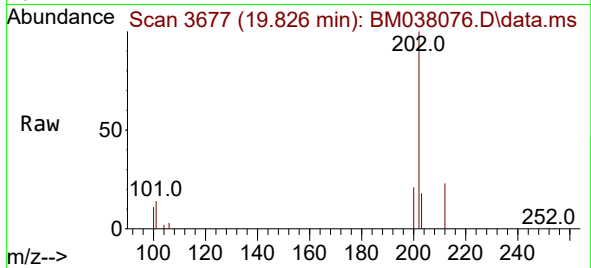
Tgt Ion:202 Resp: 87296
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.6 15.8
 100 9.2 7.9 11.9





#20
Pyrene
Concen: 0.760 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

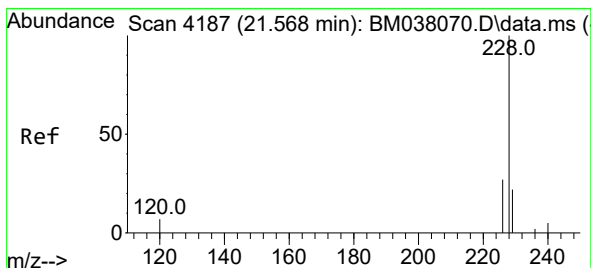
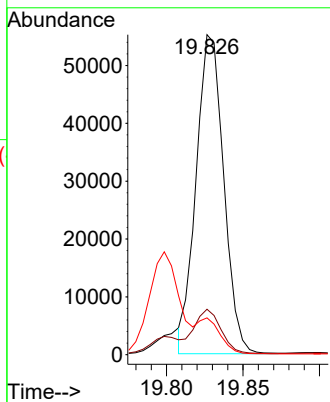
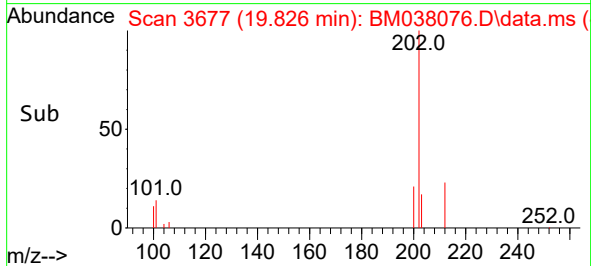
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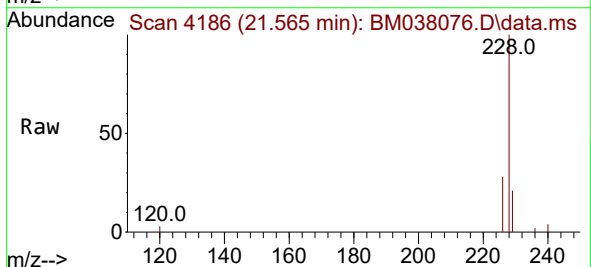
Tgt Ion:202 Resp: 69272
Ion Ratio Lower Upper
202 100
101 14.2 12.1 18.1
100 11.5 9.8 14.6

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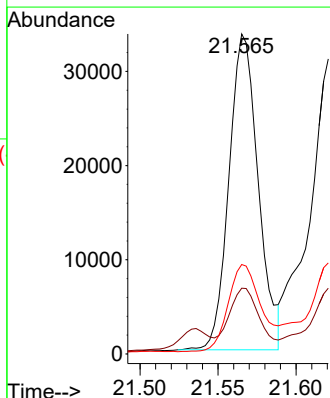
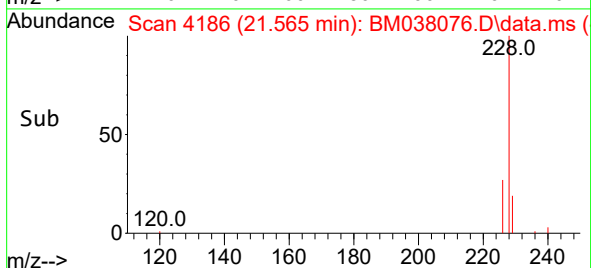
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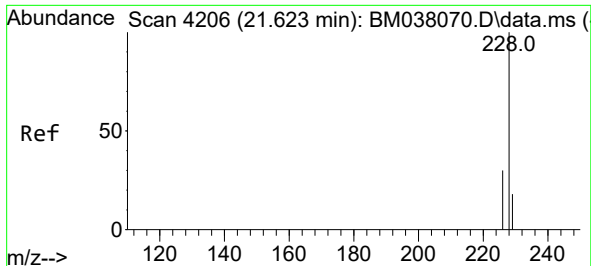


#21
Benzo(a)anthracene
Concen: 0.584 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



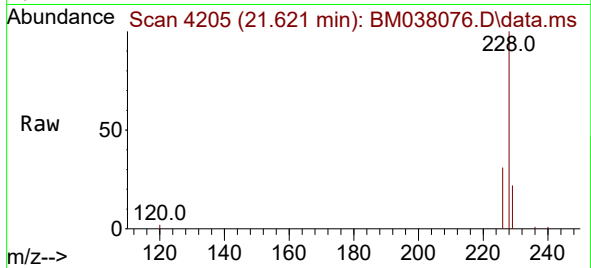
Tgt Ion:228 Resp: 43658
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 27.9 22.1 33.1





#22
Chrysene
Concen: 0.627 ng/ul
RT: 21.621 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

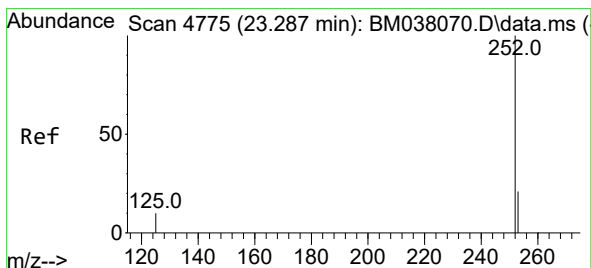
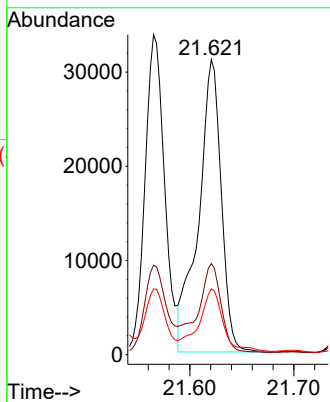
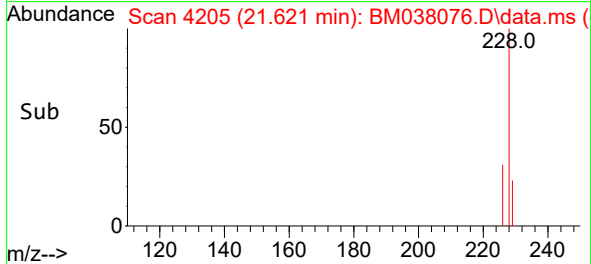
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ClientSampleId :
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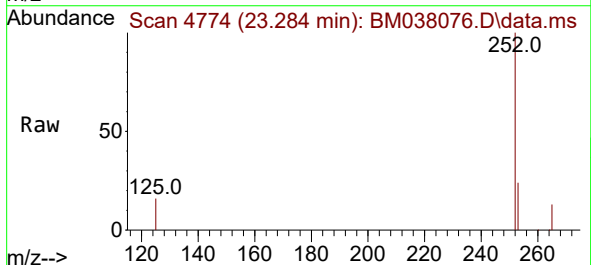
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Ion Ratio Lower Upper
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226 30.8 24.1 36.1
229 22.3 15.7 23.5

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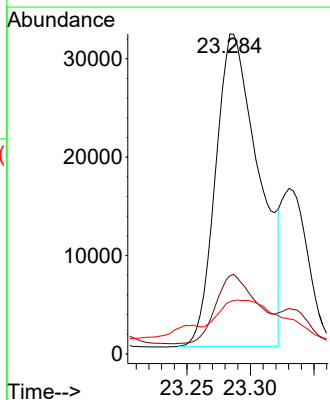
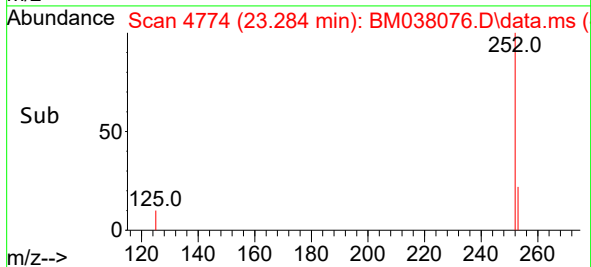
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

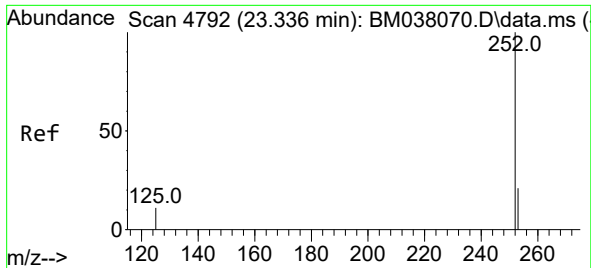


#24
Benzo(b)fluoranthene
Concen: 0.997 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



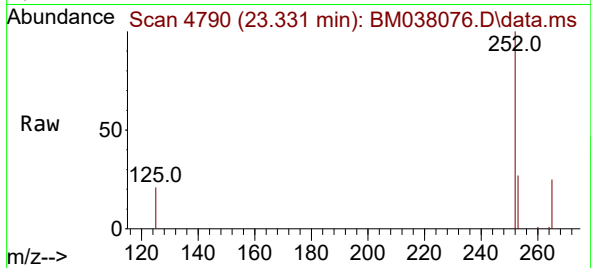
Tgt Ion:252 Resp: 75235
Ion Ratio Lower Upper
252 100
253 24.4 0.0 51.8
125 16.3 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 23.331 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

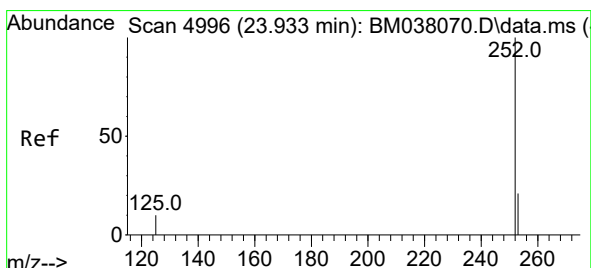
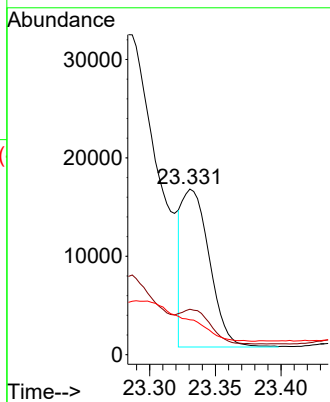
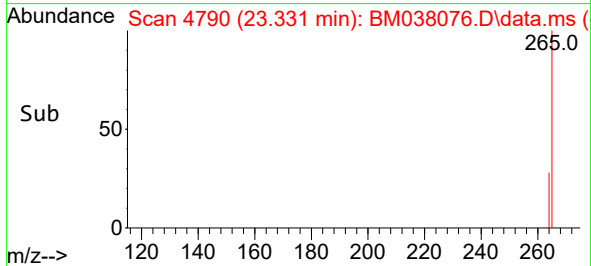
Instrument :
BNA_M
ClientSampleId :
DBYA2



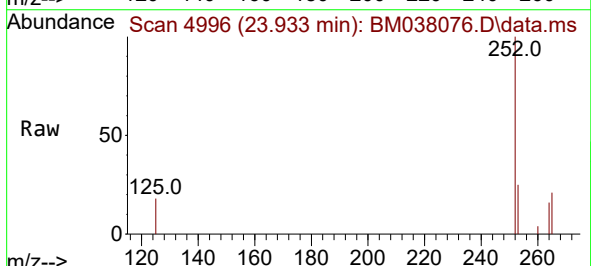
Tgt Ion:252 Resp: 23378
Ion Ratio Lower Upper
252 100
253 27.4 20.8 31.2
125 21.1 17.1 25.7

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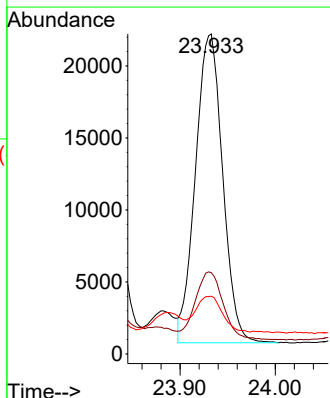
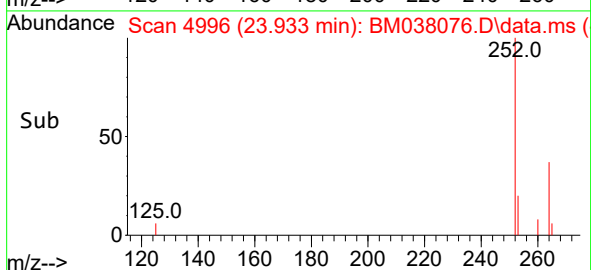
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

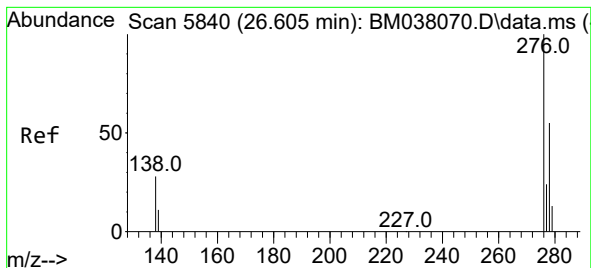


#26
Benzo(a)pyrene
Concen: 0.670 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44



Tgt Ion:252 Resp: 42553
Ion Ratio Lower Upper
252 100
253 25.4 21.9 32.9
125 18.1 20.7 31.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.606 min Scan# 5840

Delta R.T. -0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

Instrument :

BNA_M

ClientSampleId :

DBYA2

Tgt Ion:276 Resp: 33530

Ion Ratio Lower Upper

276 100

138 26.7 26.6 40.0

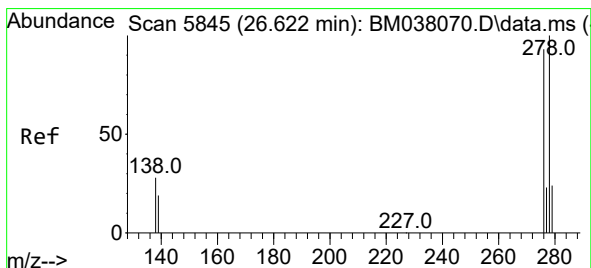
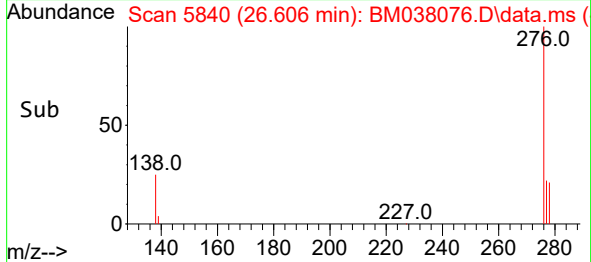
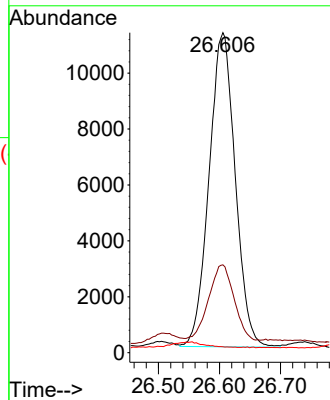
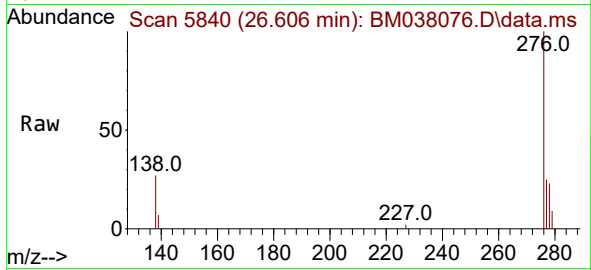
227 0.0 0.1 0.1

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#28

Dibenzo(a,h)anthracene

Concen: 0.147 ng/ul

RT: 26.612 min Scan# 5842

Delta R.T. -0.010 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

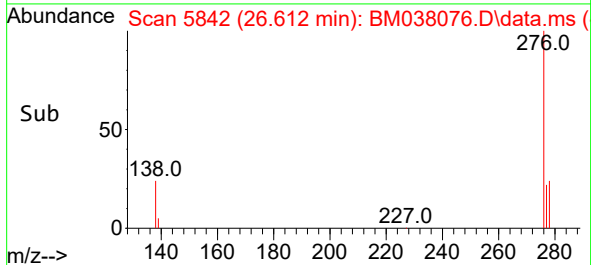
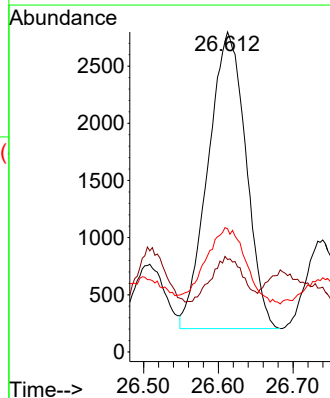
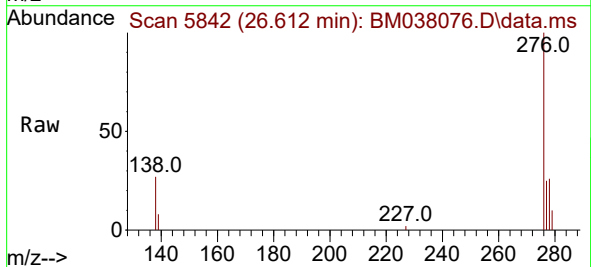
Tgt Ion:278 Resp: 9141

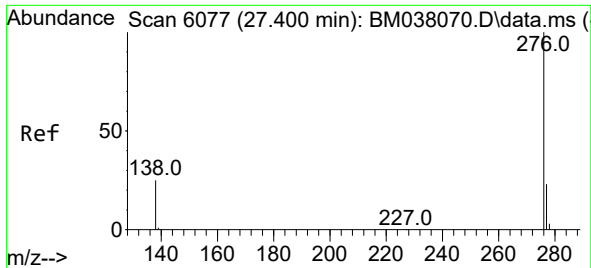
Ion Ratio Lower Upper

278 100

139 28.9 19.0 28.6#

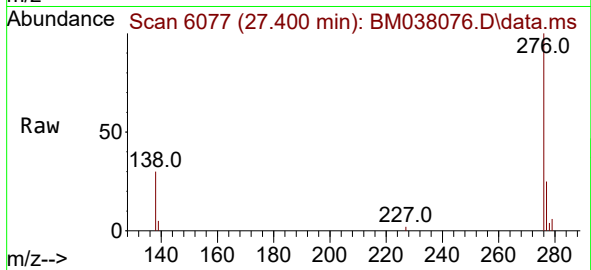
279 38.5 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Instrument :
BNA_M
ClientSampleId :
DBYA2



Tgt Ion: 276 Resp: 25030
Ion Ratio Lower Upper
276 100
138 30.4 24.1 36.1
277 25.3 19.0 28.6

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/19/2022

