

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038276.D
 Acq On : 24 Dec 2022 18:32
 Operator : CG/JU
 Sample : N6018-20DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYK5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:56:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11957	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8414	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2820	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	835	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1421	0.045	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.889	128	4344	0.131	ng/ul	96
7) 2-Methylnaphthalene	12.495	142	759	0.037	ng/ul	98
10) Acenaphthylene	14.379	152	6878	0.194	ng/ul	98
11) Acenaphthene	14.717	153	743	0.029	ng/ul	95
12) Fluorene	15.702	166	1026	0.037	ng/ul#	92
15) Phenanthrene	17.438	178	21751	0.544	ng/ul	100
16) Anthracene	17.527	178	5997	0.156	ng/ul	96
19) Fluoranthene	19.445	202	69717	1.512	ng/ul	98
20) Pyrene	19.808	202	54126m	1.162	ng/ul	
21) Benzo(a)anthracene	21.550	228	33283	0.902	ng/ul	96
22) Chrysene	21.606	228	33114	0.922	ng/ul	99
24) Benzo(b)fluoranthene	23.263	252	46916	1.303	ng/ul	92
25) Benzo(k)fluoranthene	23.310	252	15072m	0.436	ng/ul	
26) Benzo(a)pyrene	23.903	252	29684	0.945	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.562	276	23164	0.532	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.572	278	5575	0.165	ng/ul#	77
29) Benzo(g,h,i)perylene	27.357	276	22482	0.613	ng/ul	97

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

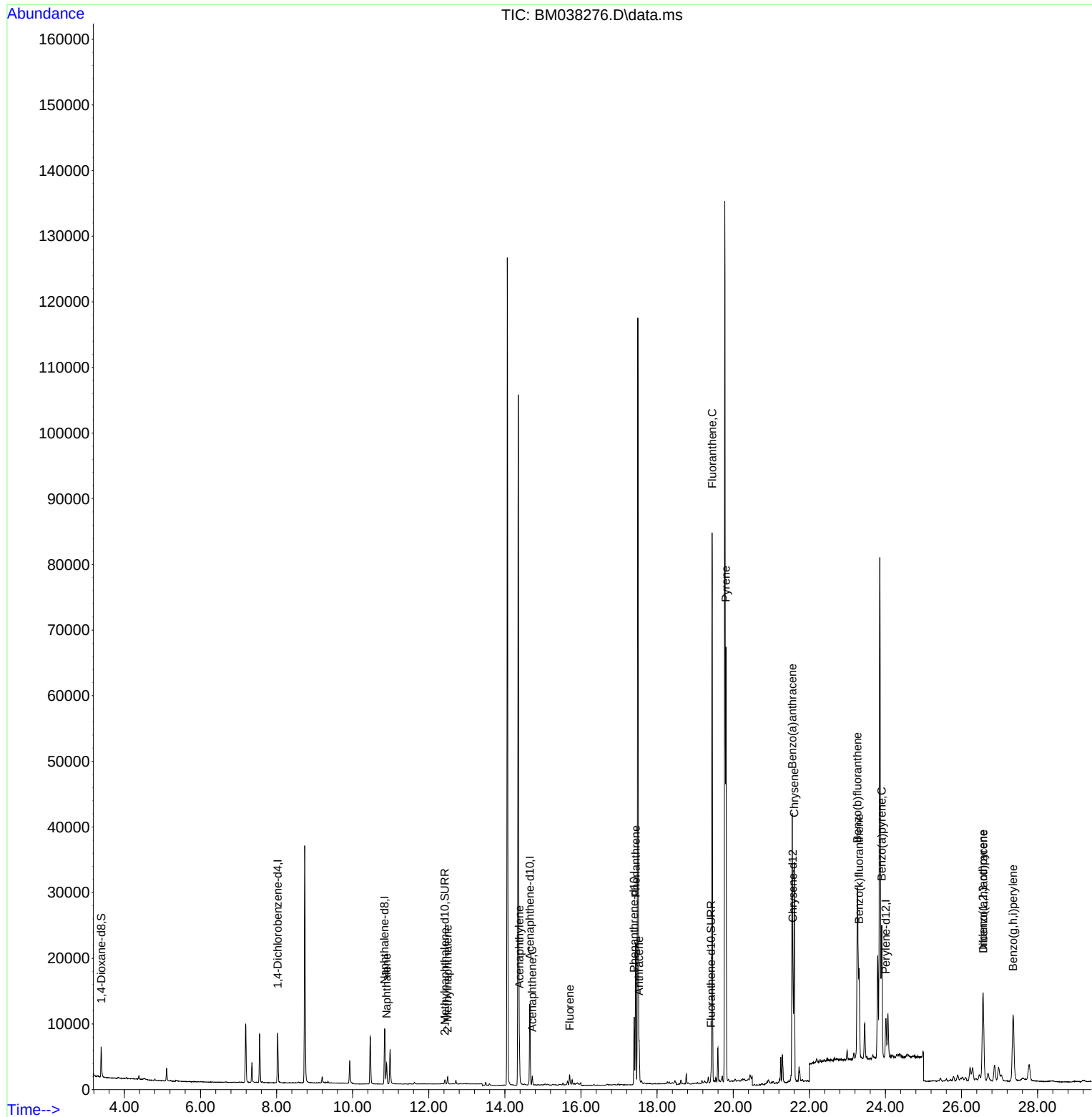
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Data File : BM038276.D
Acq On : 24 Dec 2022 18:32
Operator : CG/JU
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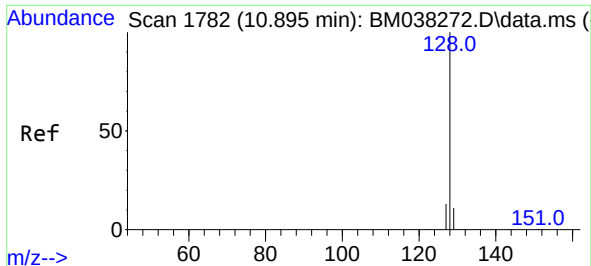
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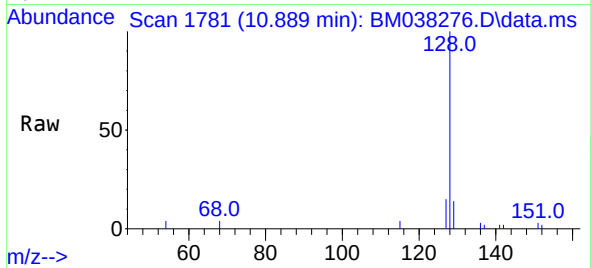
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

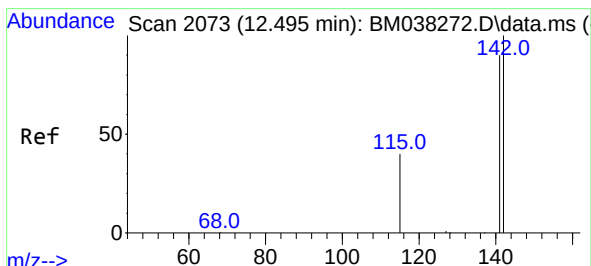
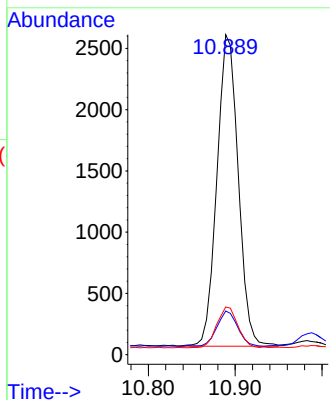
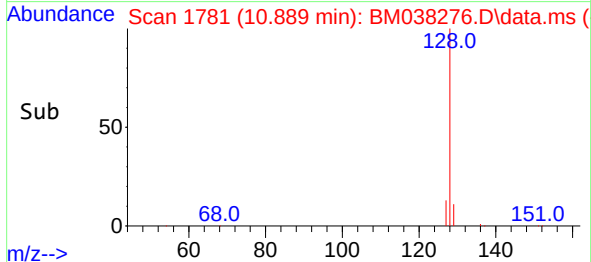
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



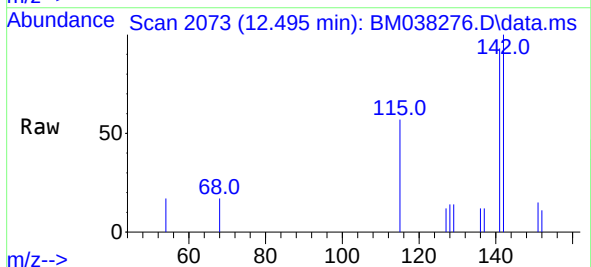
Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
129 13.7 9.4 14.0
127 14.9 10.7 16.1

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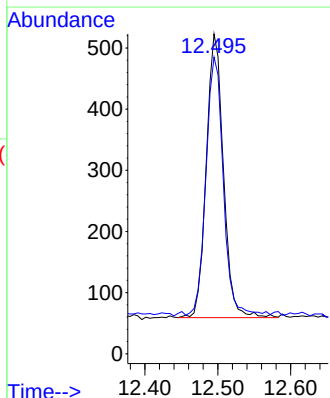
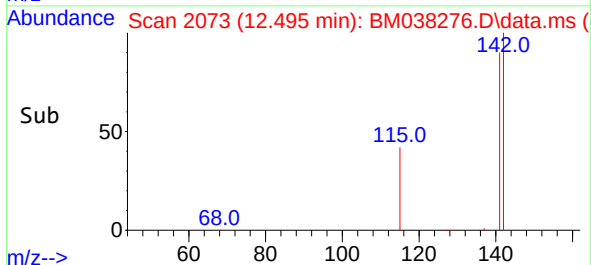
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

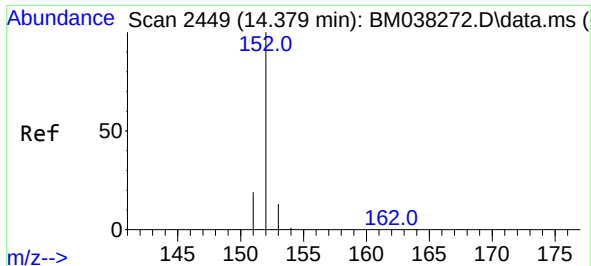


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



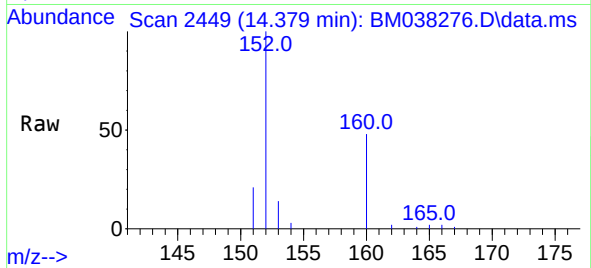
Tgt Ion:142 Resp: 759
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.194 ng/u1
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

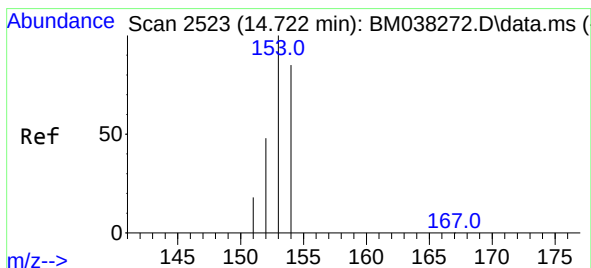
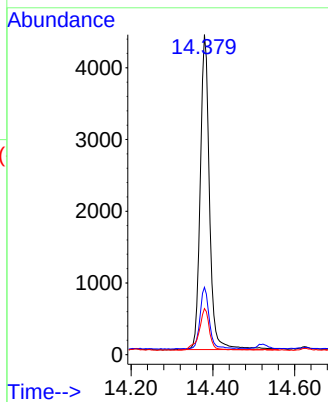
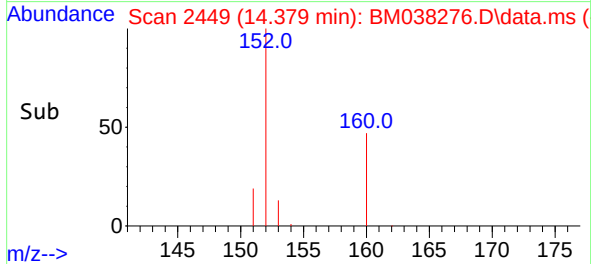
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BNA_M
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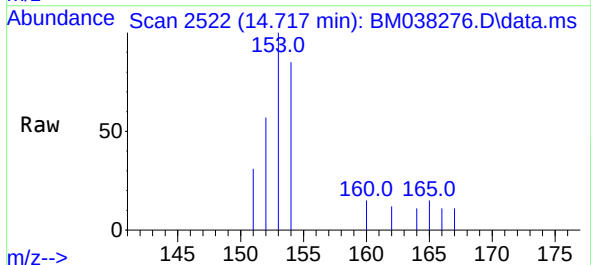
Tgt Ion:152 Resp: 6878
Ion Ratio Lower Upper
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153 14.4 10.7 16.1

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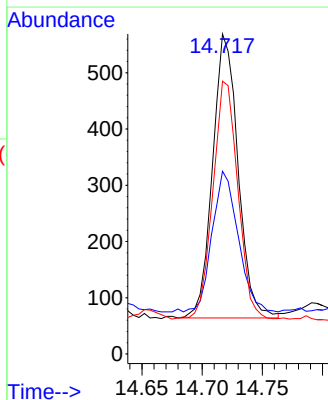
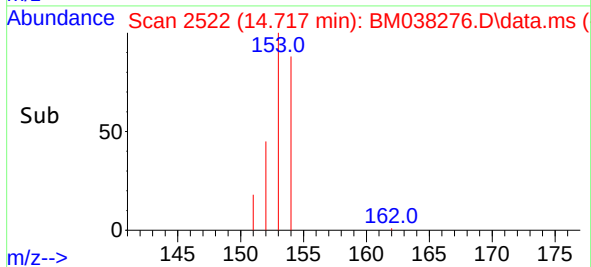
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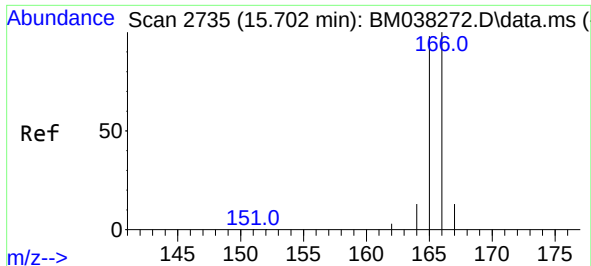


#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



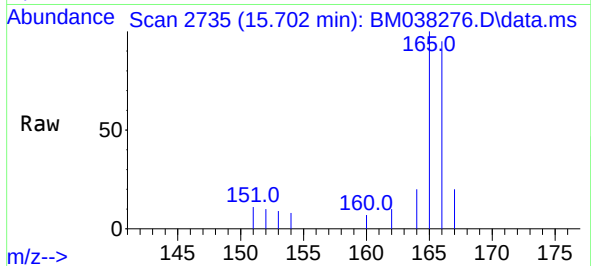
Tgt Ion:153 Resp: 743
Ion Ratio Lower Upper
153 100
152 57.1 39.4 59.0
154 85.2 69.0 103.4





#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

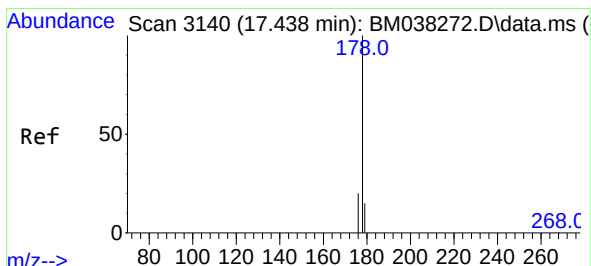
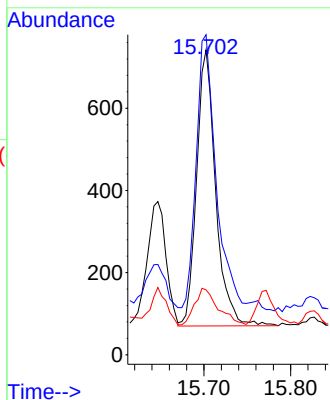
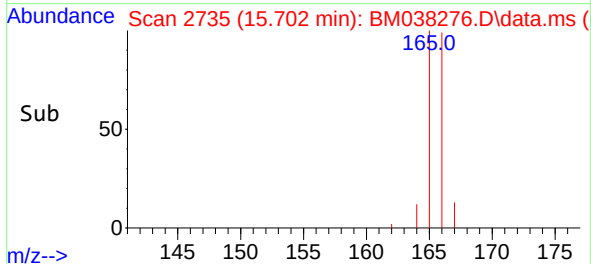
Instrument :
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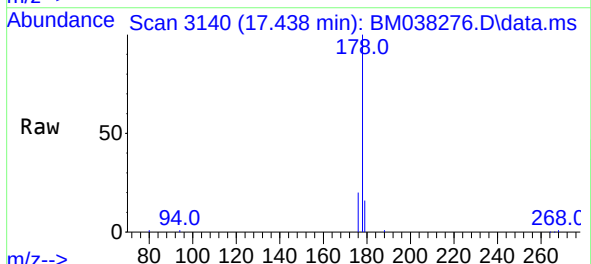
Tgt Ion:166 Resp: 1020
Ion Ratio Lower Upper
166 100
165 105.0 79.0 118.6
167 21.3 11.0 16.6

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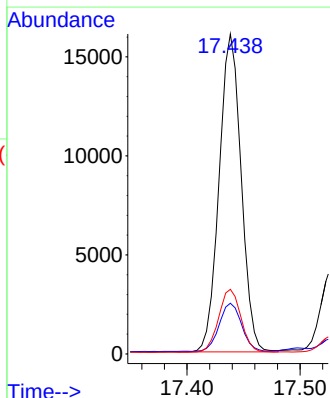
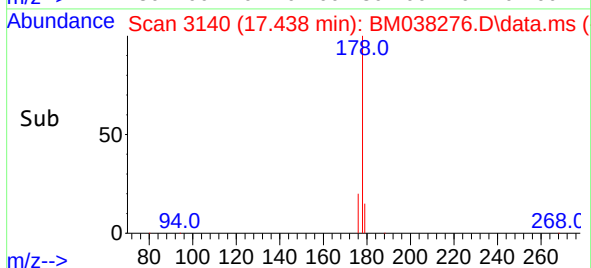
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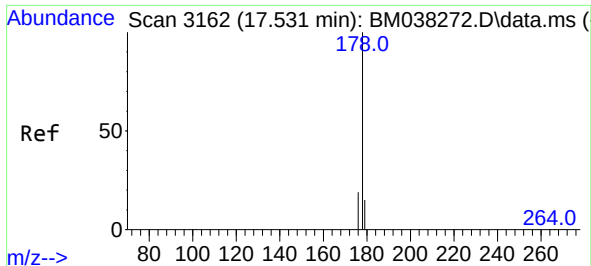


#15
Phenanthrene
Concen: 0.544 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



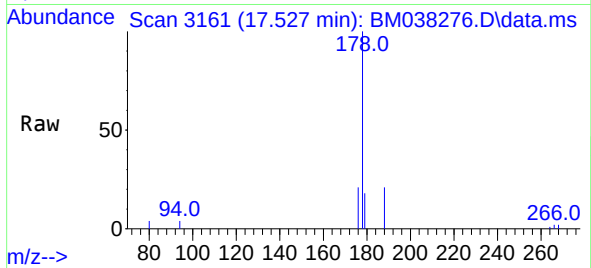
Tgt Ion:178 Resp: 21751
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.2 16.2 24.4





#16
 Anthracene
 Concen: 0.156 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038276.D
 Acq: 24 Dec 2022 18:32

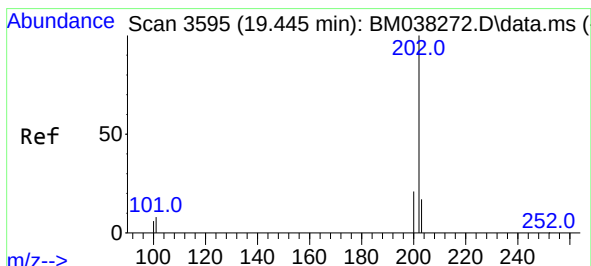
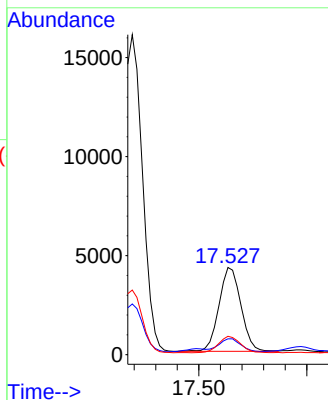
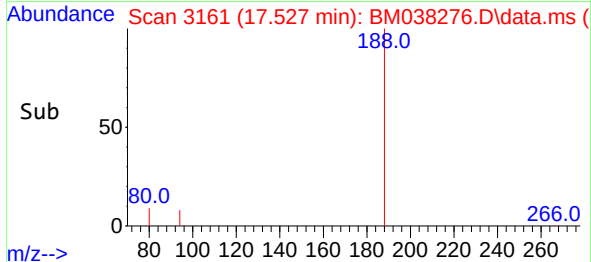
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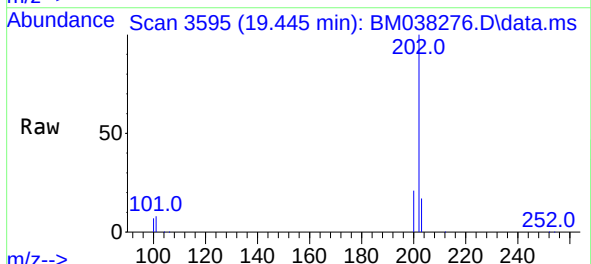
Tgt Ion:178 Resp: 5997
 Ion Ratio Lower Upper
 178 100
 179 18.1 13.0 19.6
 176 21.2 15.6 23.4

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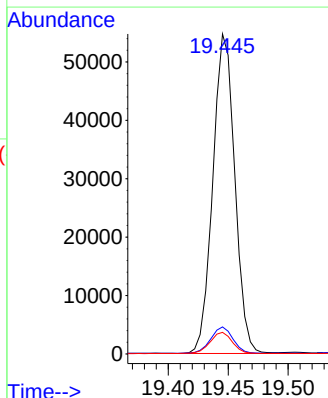
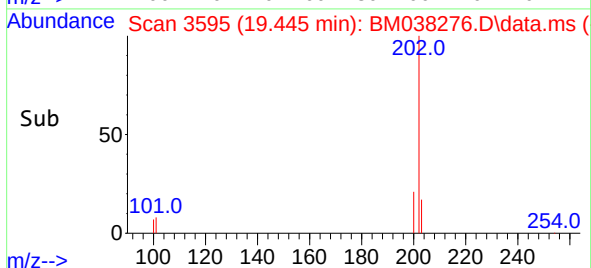
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 Supervised By :Yogesh Patel 12/25/2022

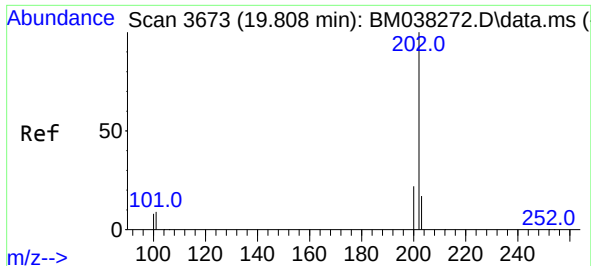


#19
 Fluoranthene
 Concen: 1.512 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038276.D
 Acq: 24 Dec 2022 18:32



Tgt Ion:202 Resp: 69717
 Ion Ratio Lower Upper
 202 100
 101 8.4 7.5 11.3
 100 6.8 5.6 8.4





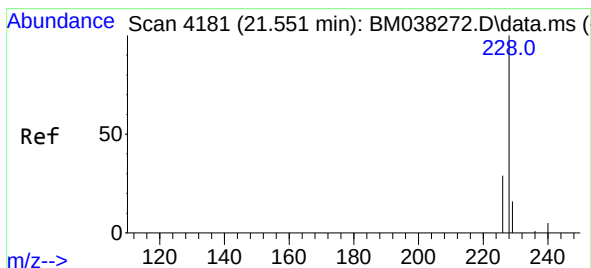
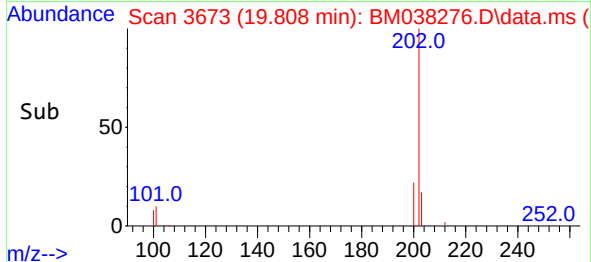
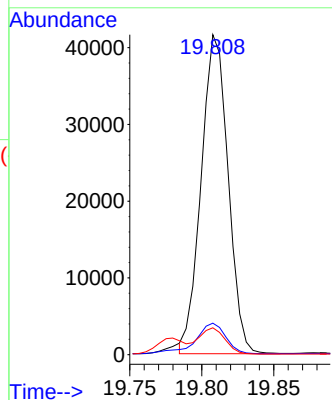
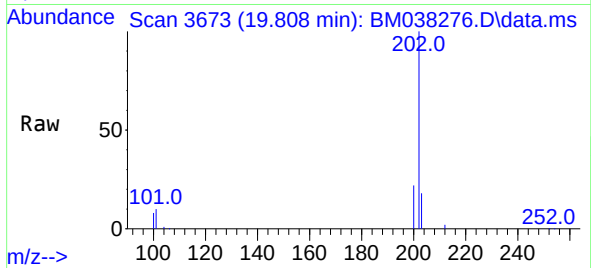
#20
Pyrene
Concen: 1.162 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Instrument :
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Tgt Ion:202 Resp: 54120
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.4 7.4 11.0

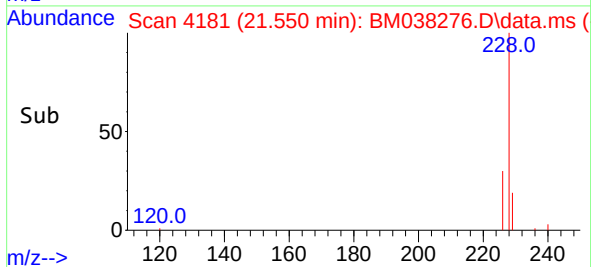
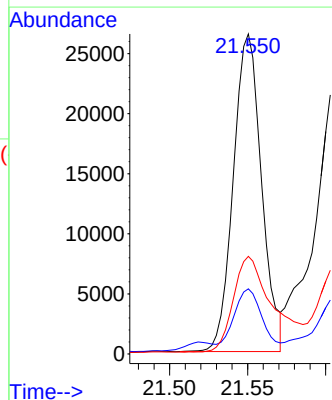
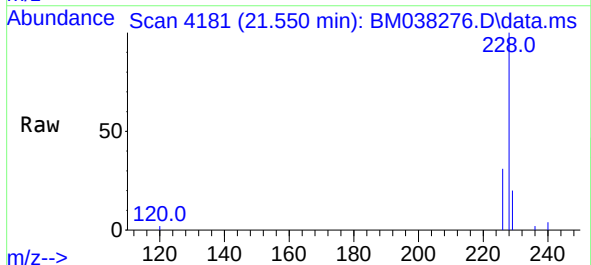
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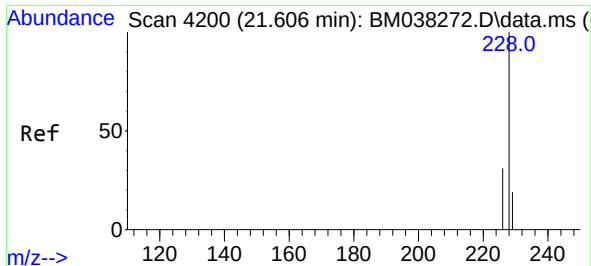
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#21
Benzo(a)anthracene
Concen: 0.902 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

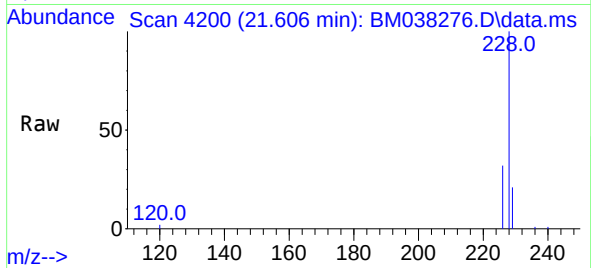
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Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 30.5 22.2 33.2





#22
Chrysene
Concen: 0.922 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

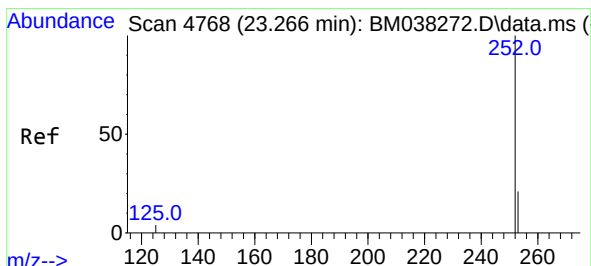
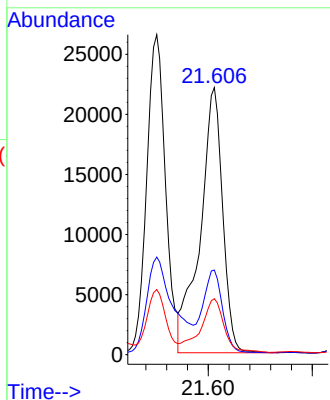
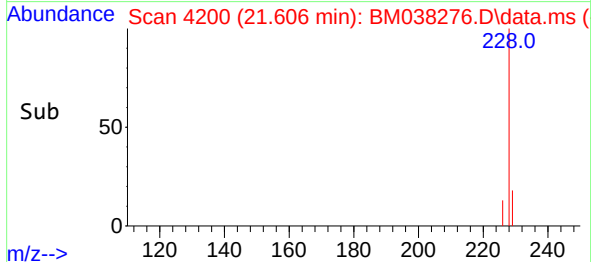
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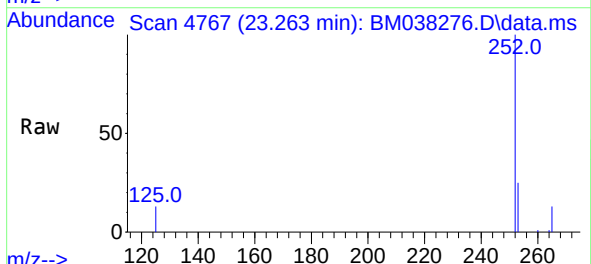
Tgt Ion:228 Resp: 33114
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 21.0 16.0 24.0

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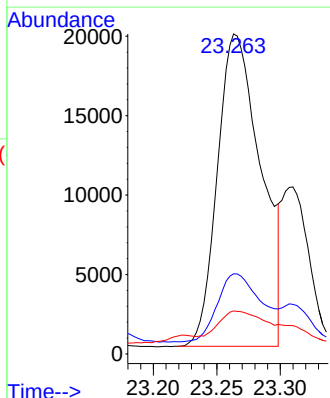
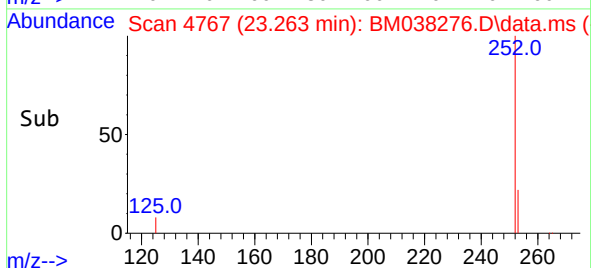
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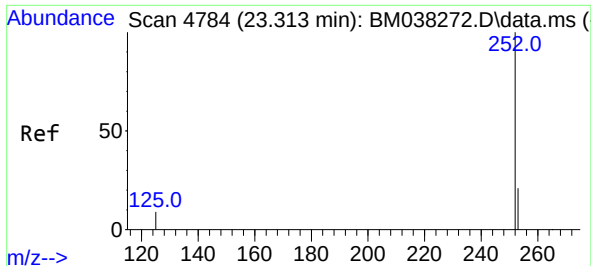


#24
Benzo(b)fluoranthene
Concen: 1.303 ng/u1
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



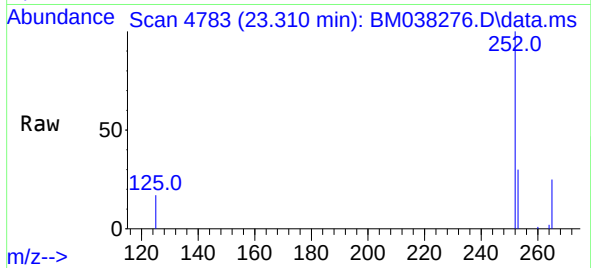
Tgt Ion:252 Resp: 46916
Ion Ratio Lower Upper
252 100
253 25.1 0.0 56.0
125 13.5 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul m
RT: 23.310 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

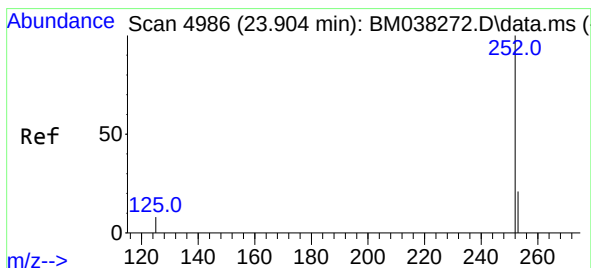
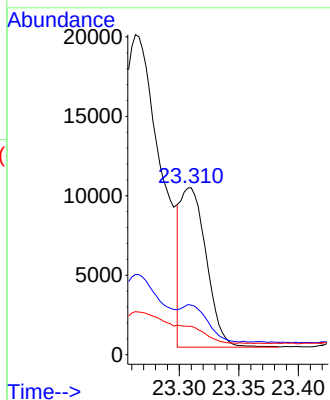
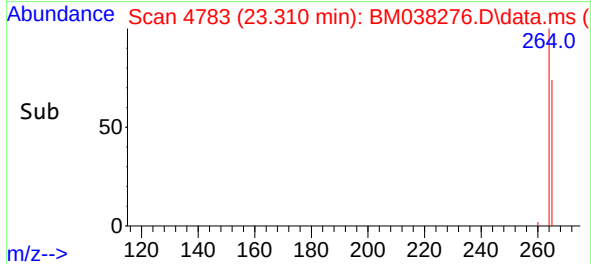
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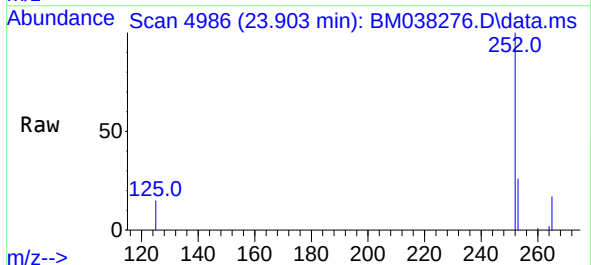
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Ion Ratio Lower Upper
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253 29.7 22.5 33.7
125 16.9 14.4 21.6

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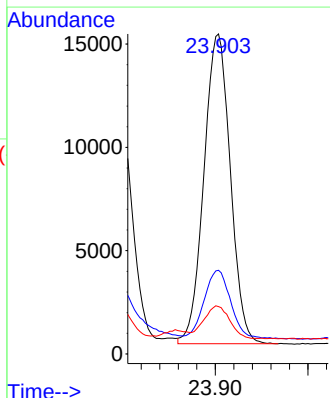
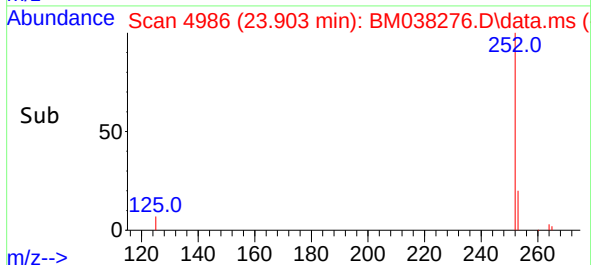
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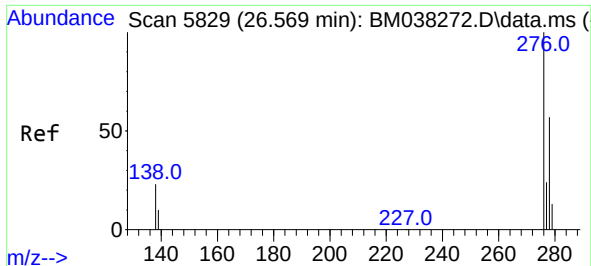


#26
Benzo(a)pyrene
Concen: 0.945 ng/ul
RT: 23.903 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



Tgt Ion:252 Resp: 29684
Ion Ratio Lower Upper
252 100
253 26.1 24.2 36.4
125 14.8 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Instrument :

BNA_M

ClientSampleId :

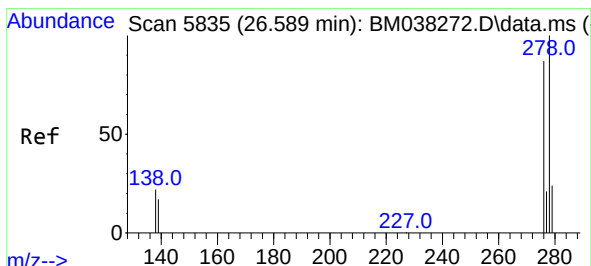
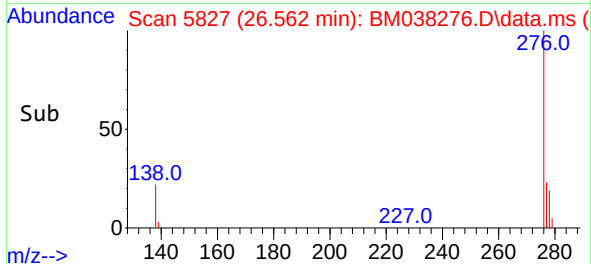
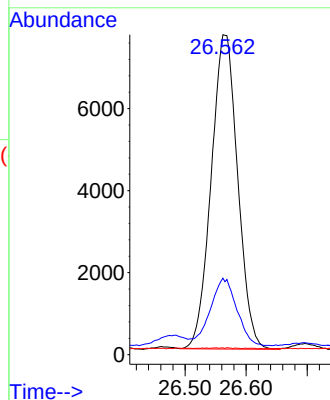
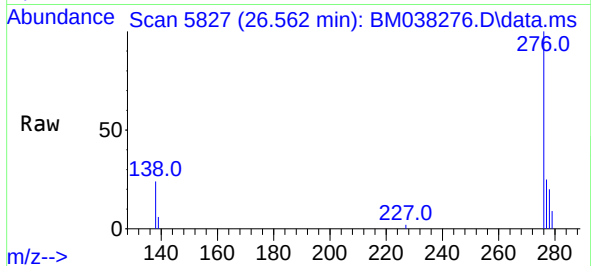
DBYK5DL

Tgt Ion:276 Resp: 23164
Ion Ratio Lower Upper
276 100
138 21.6 21.7 32.5#
227 0.0 0.0 0.0#

Manual Integrations

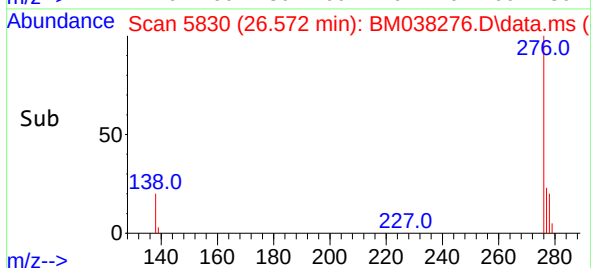
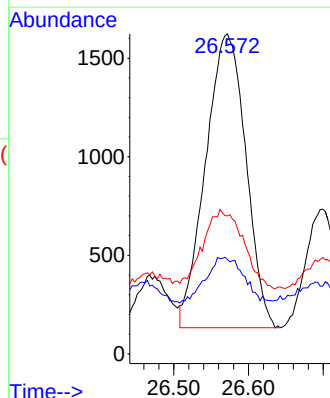
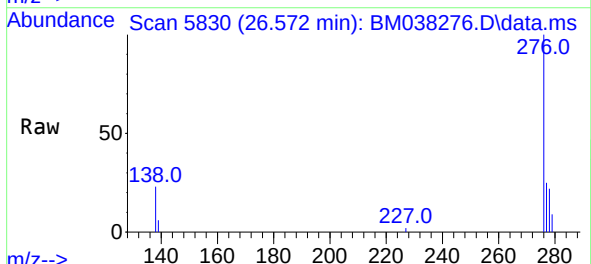
APPROVED

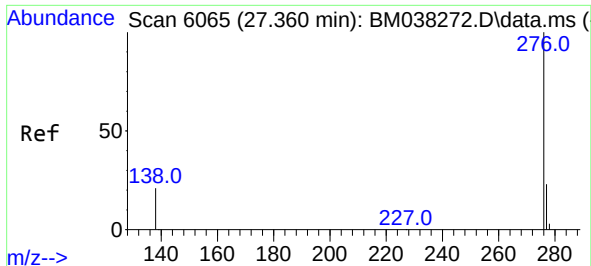
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

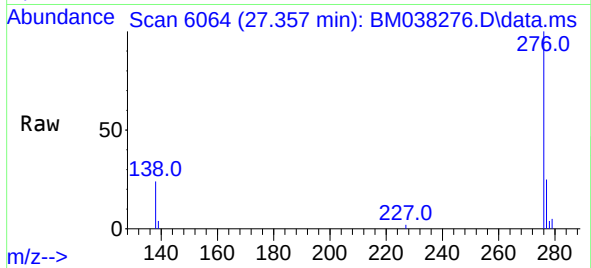
Tgt Ion:278 Resp: 5575
Ion Ratio Lower Upper
278 100
139 29.5 16.8 25.2#
279 43.1 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.613 ng/ul
 RT: 27.357 min Scan# 6064
 Delta R.T. -0.003 min
 Lab File: BM038276.D
 Acq: 24 Dec 2022 18:32

Instrument :
 BNA_M
 ClientSampleId :
 DBYK5DL



Tgt Ion:276 Resp: 2248
 Ion Ratio Lower Upper
 276 100
 138 23.8 20.8 31.2
 277 24.7 20.5 30.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

