

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038200.D
 Acq On : 22 Dec 2022 16:21
 Operator : CG/JU
 Sample : N6009-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 01:48:09 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 : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14772	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8246	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16751	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	11477	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	11185	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	9418	1.916	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2691	0.124	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	9445	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1671	0.039	ng/ul#	88
7) 2-Methylnaphthalene	12.506	142	1578	0.059	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	1203	0.044	ng/ul	99
10) Acenaphthylene	14.388	152	2367	0.052	ng/ul#	86
15) Phenanthrene	17.447	178	15864	0.283	ng/ul	99
16) Anthracene	17.540	178	3821	0.071	ng/ul#	93
19) Fluoranthene	19.454	202	39567	0.629	ng/ul	97
20) Pyrene	19.817	202	34666m	0.546	ng/ul	
21) Benzo(a)anthracene	21.556	228	24294	0.483	ng/ul	97
22) Chrysene	21.612	228	27891	0.569	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	41984	0.848	ng/ul	98
25) Benzo(k)fluoranthene	23.316	252	15084m	0.317	ng/ul	
26) Benzo(a)pyrene	23.912	252	27243	0.631	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.579	276	22202	0.371	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	5621	0.121	ng/ul#	70
29) Benzo(g,h,i)perylene	27.370	276	20172	0.400	ng/ul	100

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

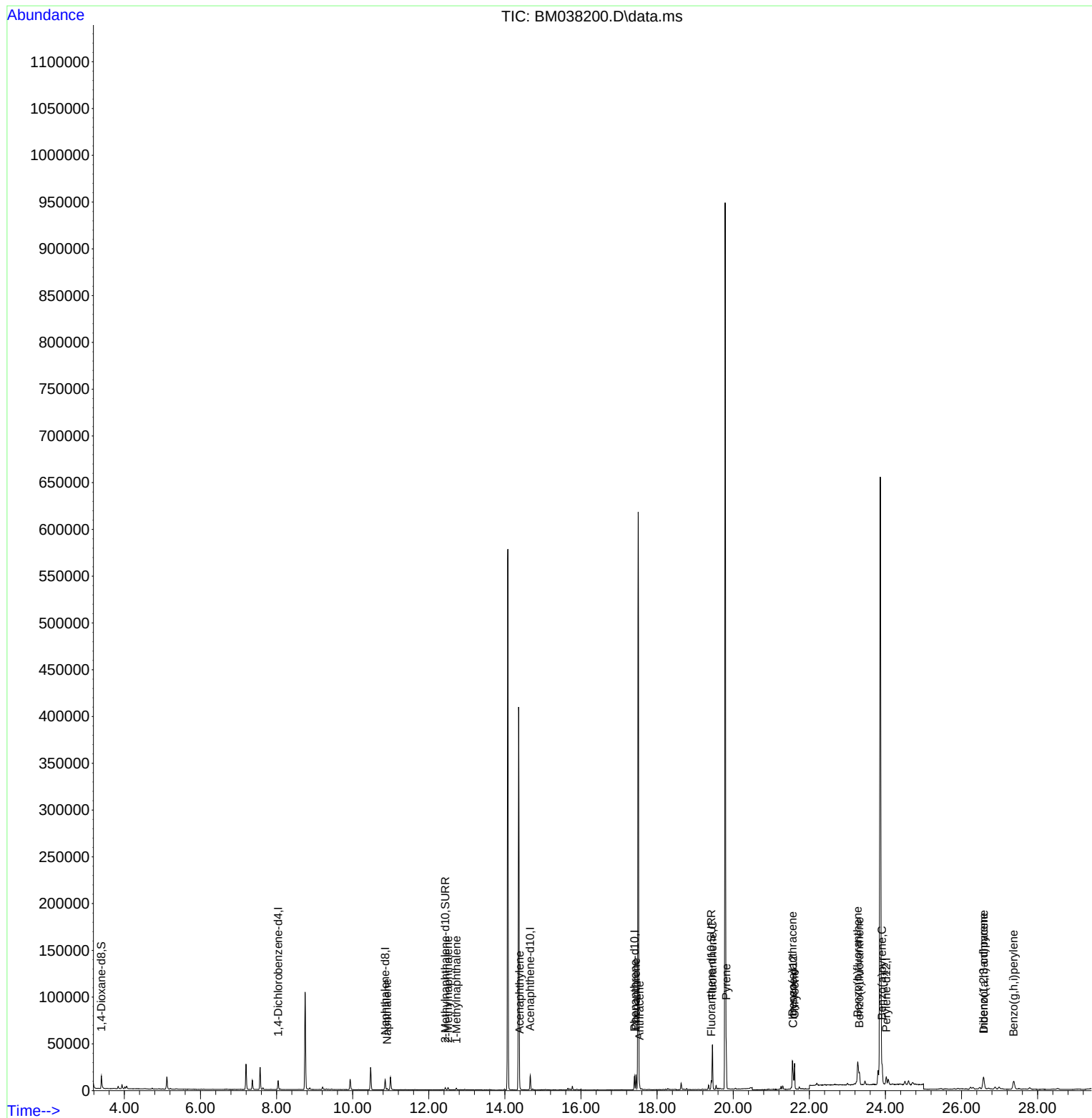
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038200.D
Acq On : 22 Dec 2022 16:21
Operator : CG/JU
Sample : N6009-02
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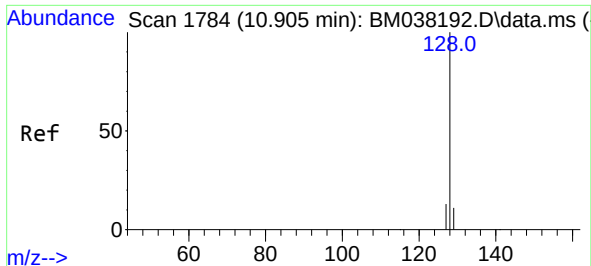
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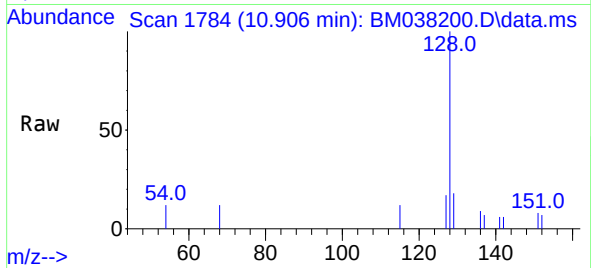
Quant Time: Dec 23 01:48:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

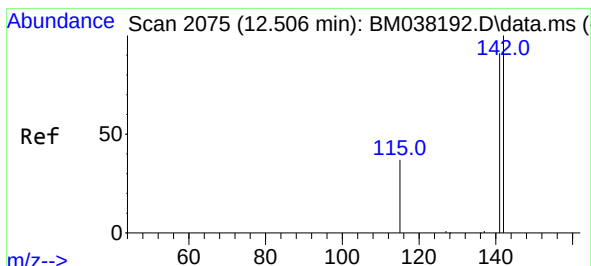
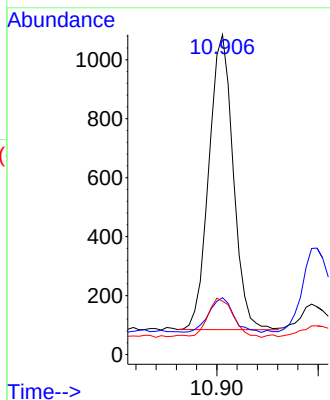
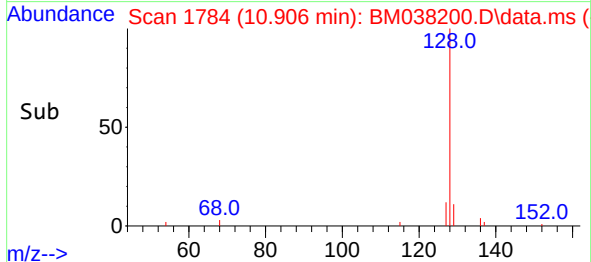
Instrument :
BNA_M
ClientSampleId :
DBXZ0



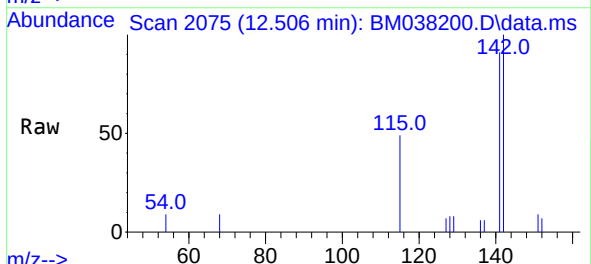
Tgt Ion:128 Resp: 167
Ion Ratio Lower Upper
128 100
129 17.8 9.4 14.0
127 16.7 10.7 16.1

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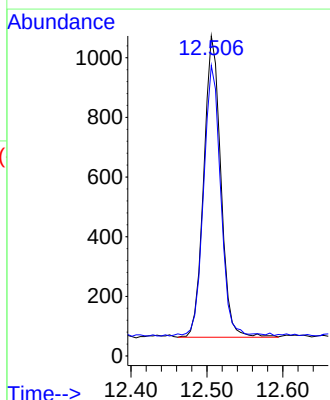
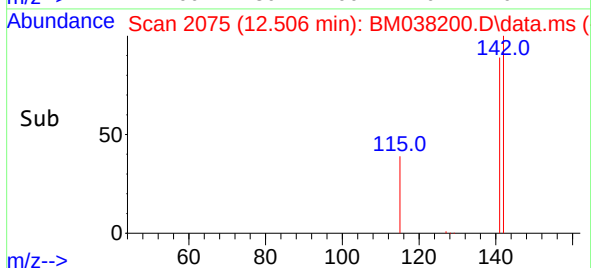
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

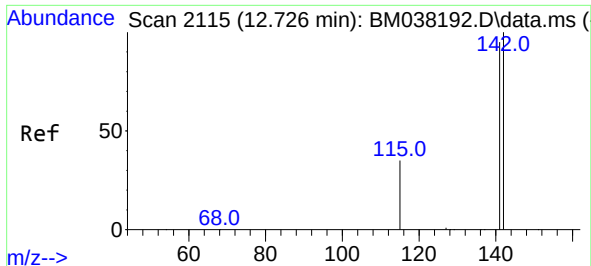


#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



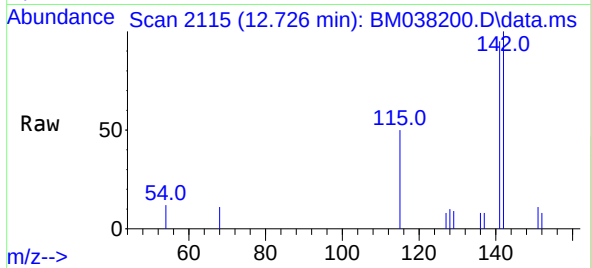
Tgt Ion:142 Resp: 1578
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

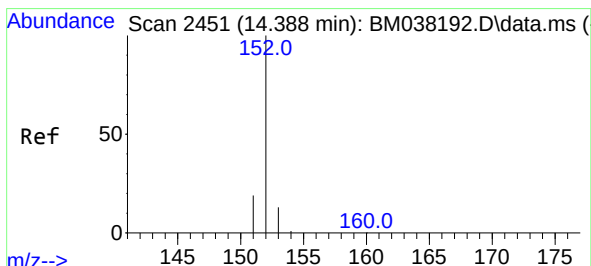
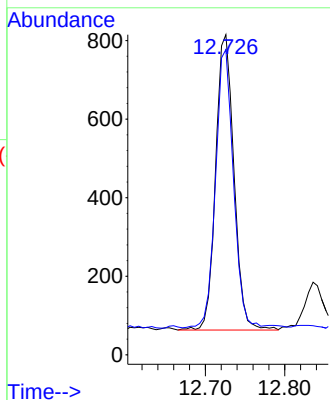
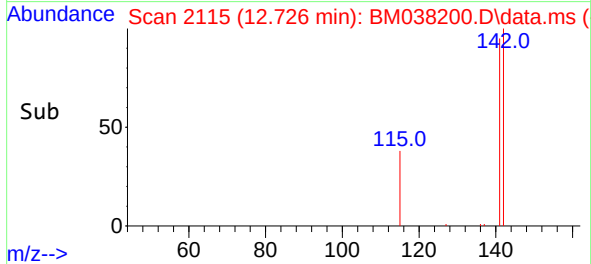
Instrument :
BNA_M
ClientSampleId :
DBXZ0



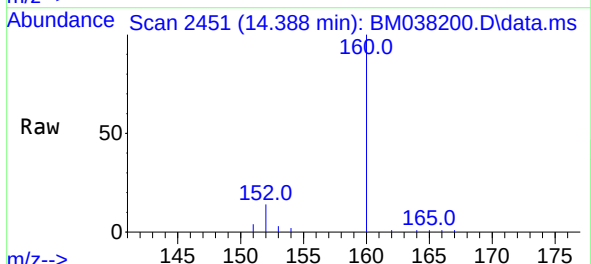
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1

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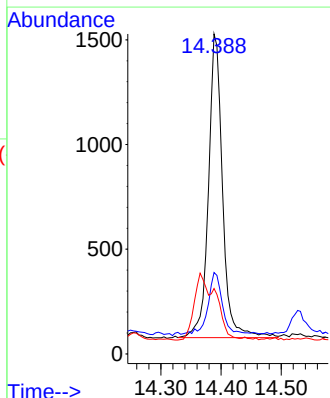
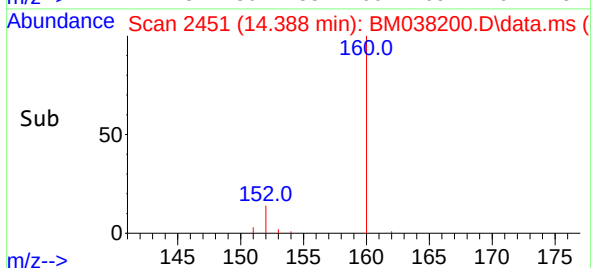
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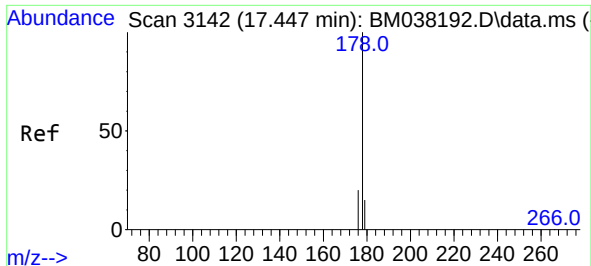


#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



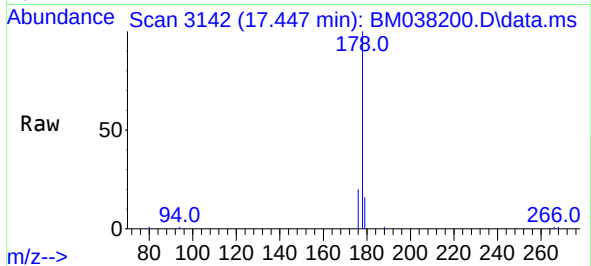
Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.2#
153 20.4 10.7 16.1#





#15
Phenanthrene
Concen: 0.283 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

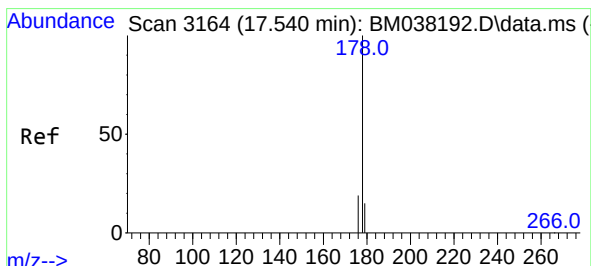
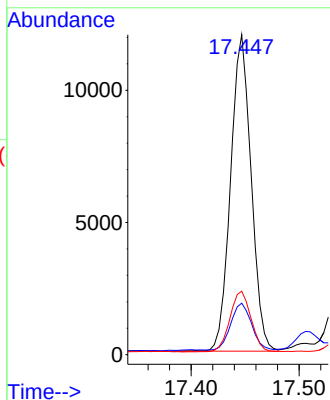
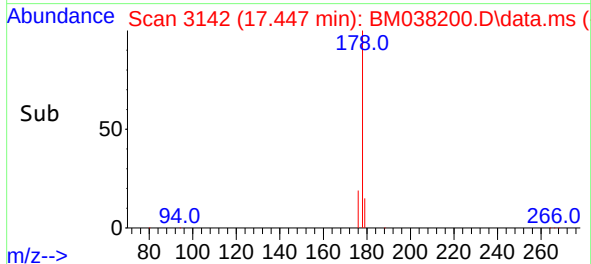
Instrument :
BNA_M
ClientSampleId :
DBXZ0



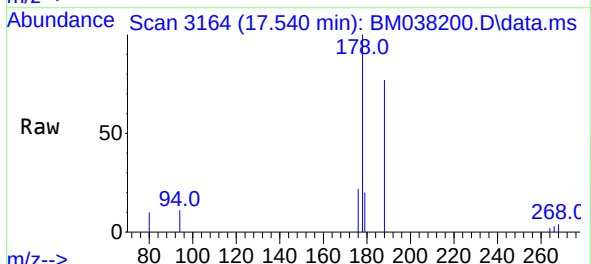
Tgt Ion:178 Resp: 15864
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.9 16.2 24.4

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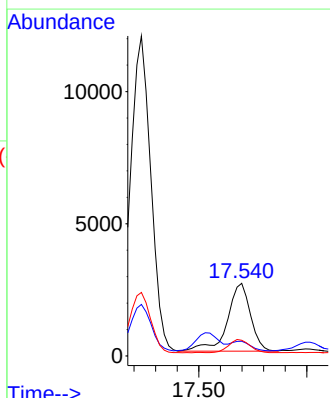
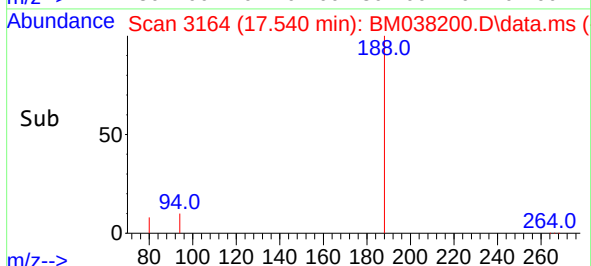
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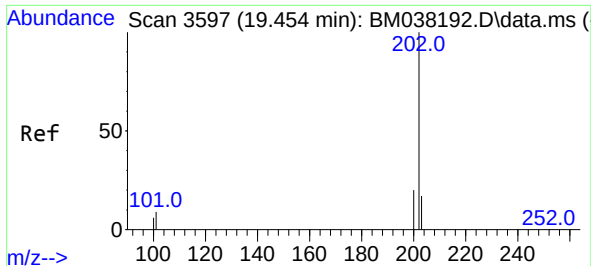


#16
Anthracene
Concen: 0.071 ng/u1
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



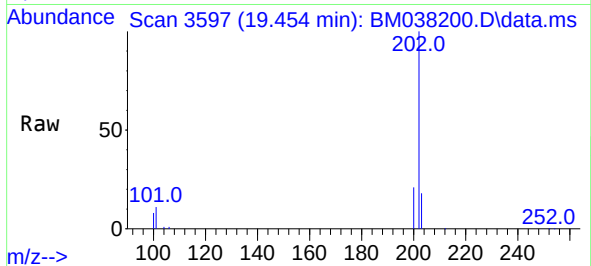
Tgt Ion:178 Resp: 3821
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 21.5 15.6 23.4





#19
Fluoranthene
Concen: 0.629 ng/u1
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

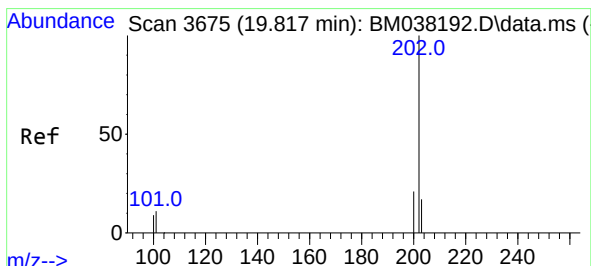
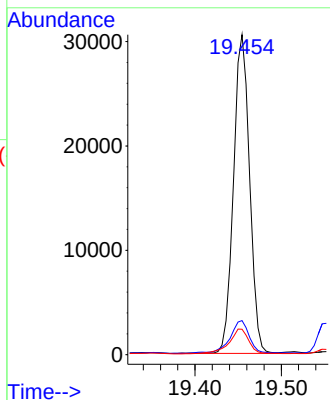
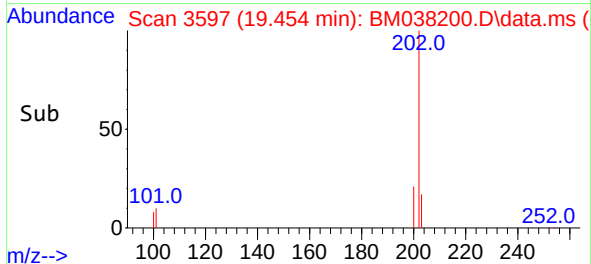
Instrument :
BNA_M
ClientSampleId :
DBXZ0



Tgt Ion:202 Resp: 3956
Ion Ratio Lower Upper
202 100
101 10.6 7.5 11.3
100 8.0 5.6 8.4

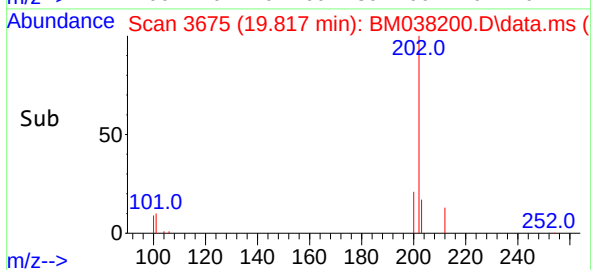
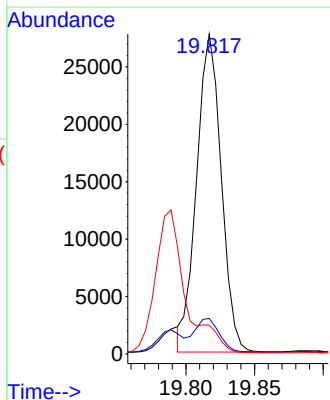
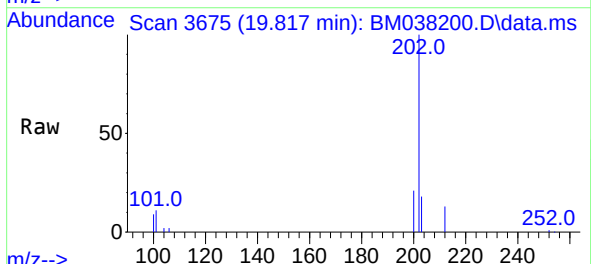
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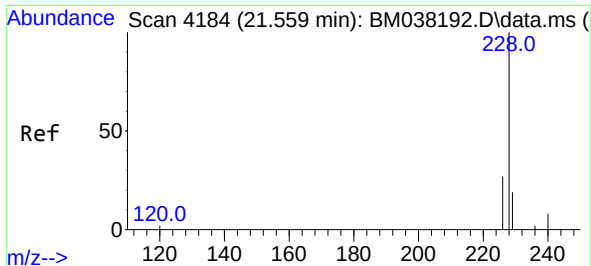
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20
Pyrene
Concen: 0.546 ng/u1 m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

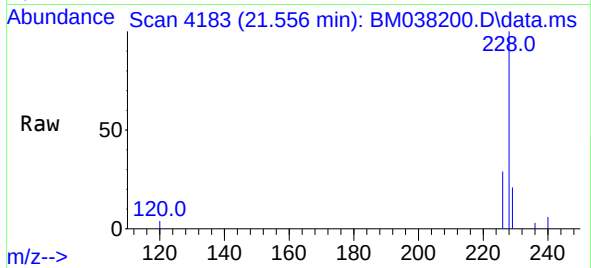
Tgt Ion:202 Resp: 34666
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 9.0 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.483 ng/u1
RT: 21.556 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

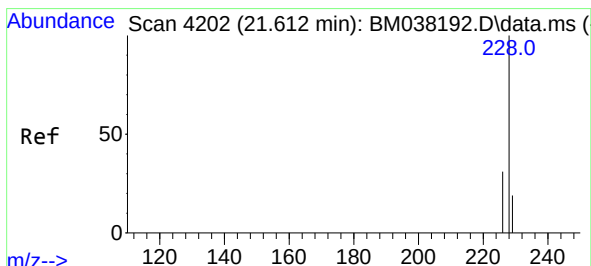
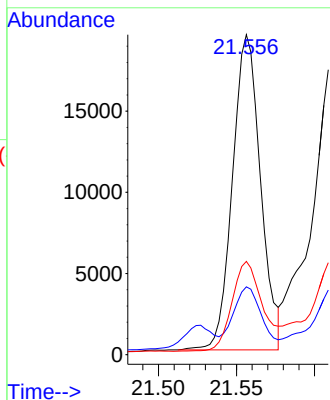
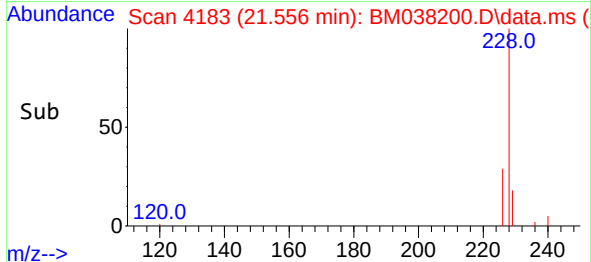
Instrument :
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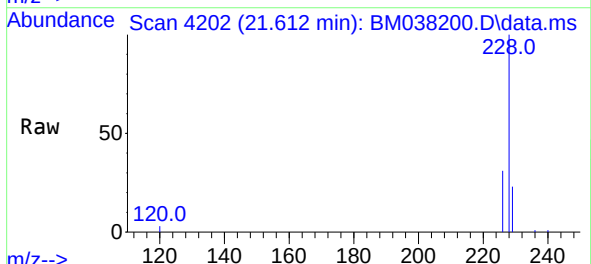
Tgt Ion:228 Resp: 24294
Ion Ratio Lower Upper
228 100
229 21.2 15.5 23.3
226 29.1 22.2 33.2

Manual Integrations
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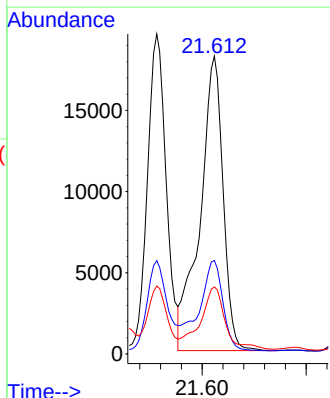
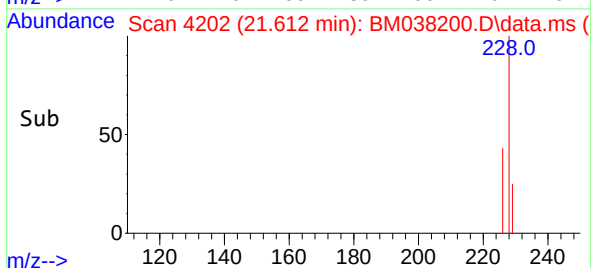
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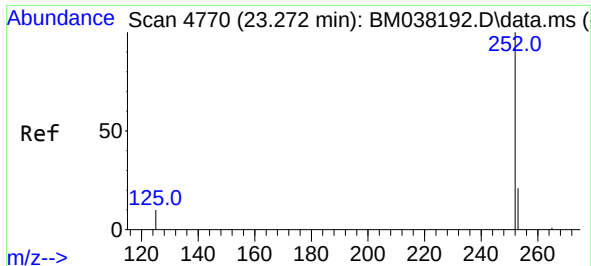


#22
Chrysene
Concen: 0.569 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



Tgt Ion:228 Resp: 27891
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 22.5 16.0 24.0





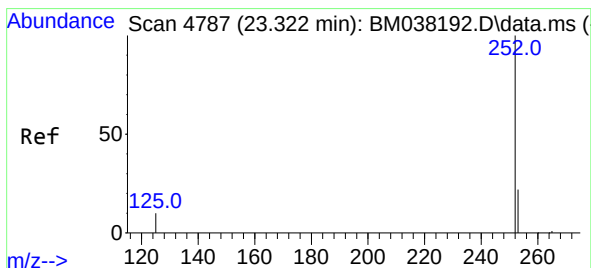
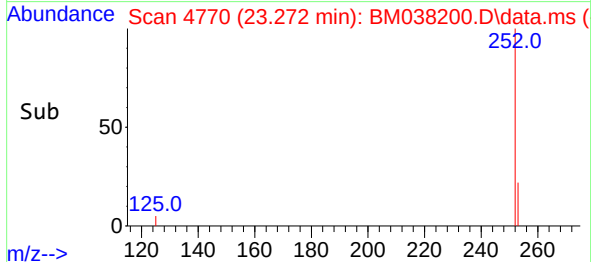
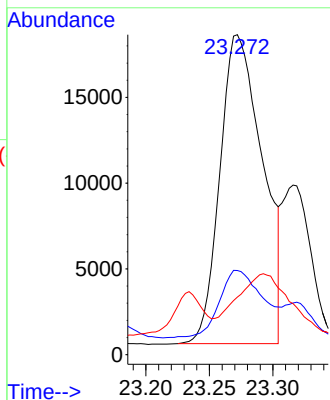
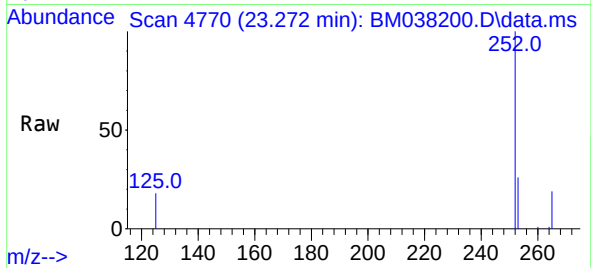
#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul
RT: 23.272 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 41984
Ion Ratio Lower Upper
252 100
253 26.3 0.0 56.0
125 18.0 0.0 36.6

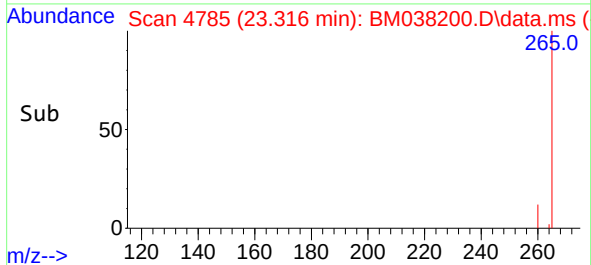
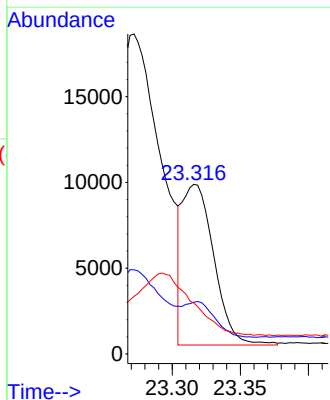
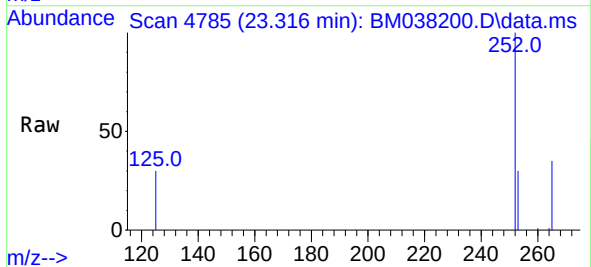
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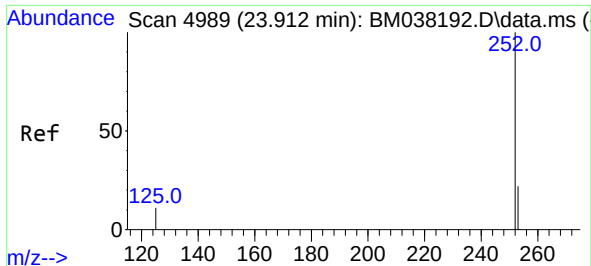
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul m
RT: 23.316 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

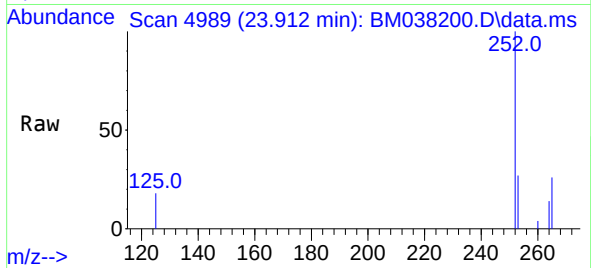
Tgt Ion:252 Resp: 15084
Ion Ratio Lower Upper
252 100
253 30.5 22.5 33.7
125 30.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

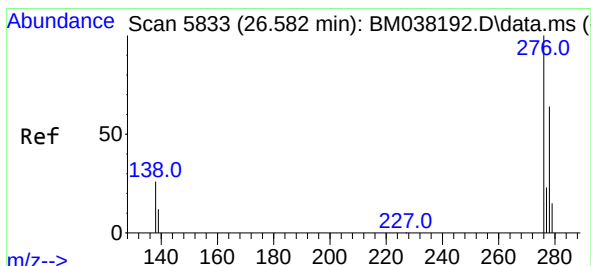
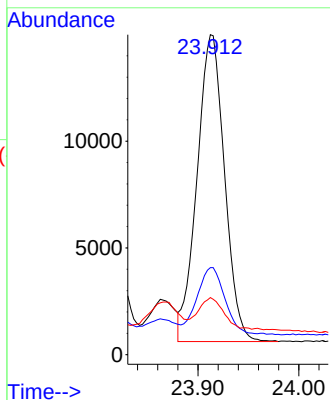
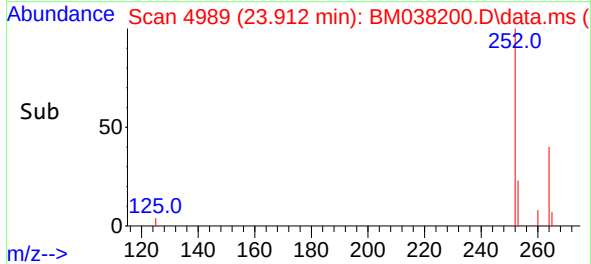
Instrument :
BNA_M
ClientSampleId :
DBXZ0



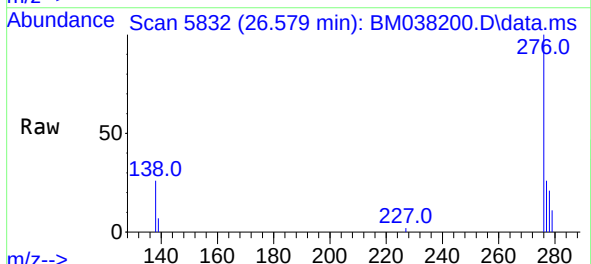
Tgt Ion:	252	Resp:	2724
Ion Ratio	Lower	Upper	
252	100		
253	27.2	24.2	36.4
125	17.8	17.3	25.9

Manual Integrations
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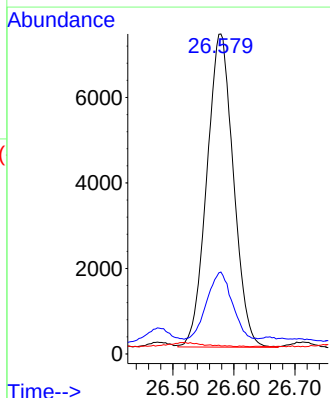
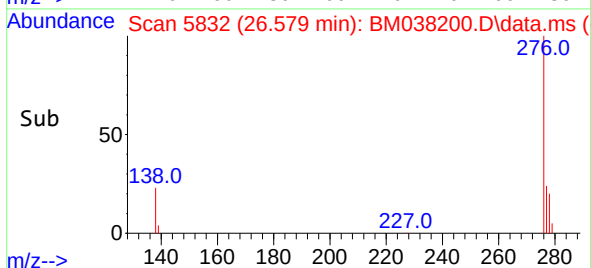
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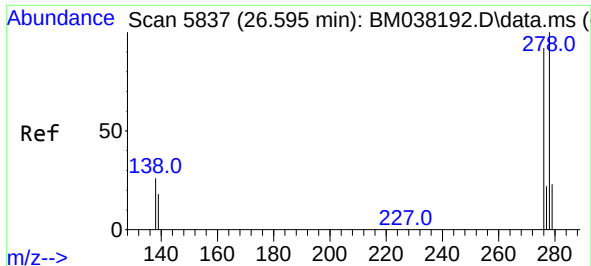


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



Tgt Ion:	276	Resp:	22202
Ion Ratio	Lower	Upper	
276	100		
138	22.4	21.7	32.5
227	0.0	0.0	0.0





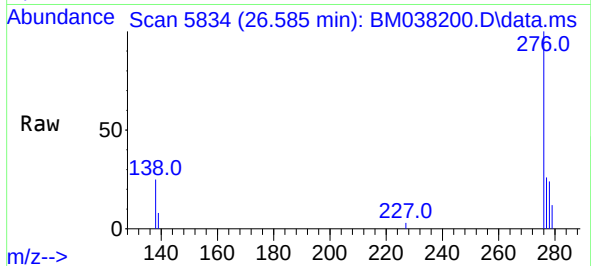
#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 26.585 min Scan# 5837
Delta R.T. -0.010 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Instrument :

BNA_M

ClientSampleId :

DBXZ0

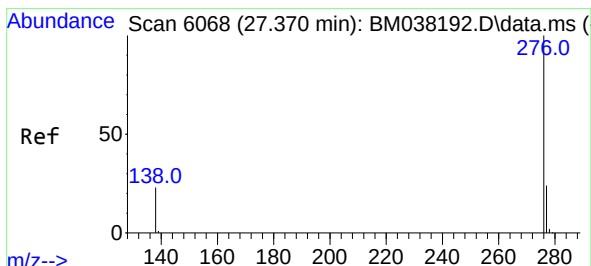
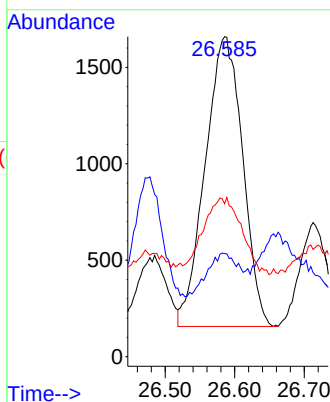
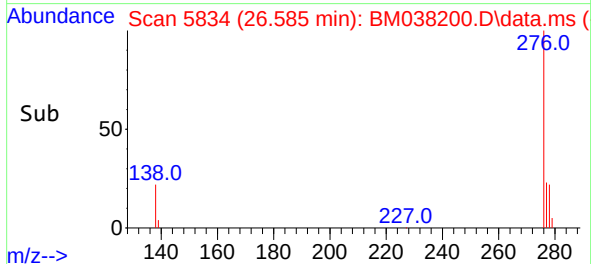


Tgt Ion:278 Resp: 562
Ion Ratio Lower Upper
278 100
139 32.2 16.8 25.2
279 47.7 23.4 35.2

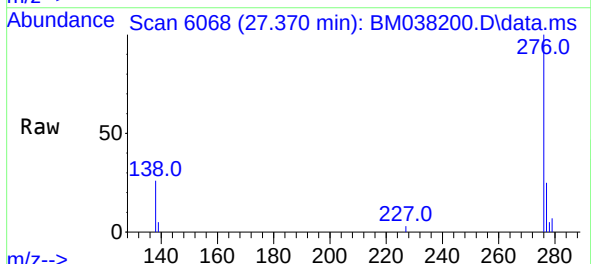
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



Tgt Ion:276 Resp: 20172
Ion Ratio Lower Upper
276 100
138 25.8 20.8 31.2
277 25.5 20.5 30.7

