

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037185.D
 Acq On : 22 Oct 2022 02:33
 Operator : CG/JU
 Sample : N5064-01DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 04:15:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	17926	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	10814	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	23275	0.400	ng/ul	0.00
17) Chrysene-d12	21.443	240	17551	0.400	ng/ul	0.00
23) Perylene-d12	23.814	264	13674	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5241	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1609	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	4076	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	50954	0.960	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	49801	1.566	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	41060	1.265	ng/ul	99
10) Acenaphthylene	14.252	152	21731	0.468	ng/ul#	95
11) Acenaphthene	14.590	153	2921	0.070	ng/ul	97
12) Fluorene	15.575	166	5556	0.113	ng/ul#	93
15) Phenanthrene	17.310	178	302750	3.853	ng/ul	98
16) Anthracene	17.403	178	30521	0.490	ng/ul	100
19) Fluoranthene	19.323	202	451452	5.921	ng/ul	97
20) Pyrene	19.685	202	355610	4.601	ng/ul	99
21) Benzo(a)anthracene	21.429	228	161962	2.378	ng/ul	97
22) Chrysene	21.479	228	178207	2.274	ng/ul	98
24) Benzo(b)fluoranthene	23.092	252	201155	2.777	ng/ul	94
25) Benzo(k)fluoranthene	23.136	252	73100m	1.044	ng/ul	
26) Benzo(a)pyrene	23.706	252	113338	1.949	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.265	276	81168	0.999	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.275	278	20567	0.321	ng/ul	92
29) Benzo(g,h,i)perylene	27.026	276	67305	0.942	ng/ul	97

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

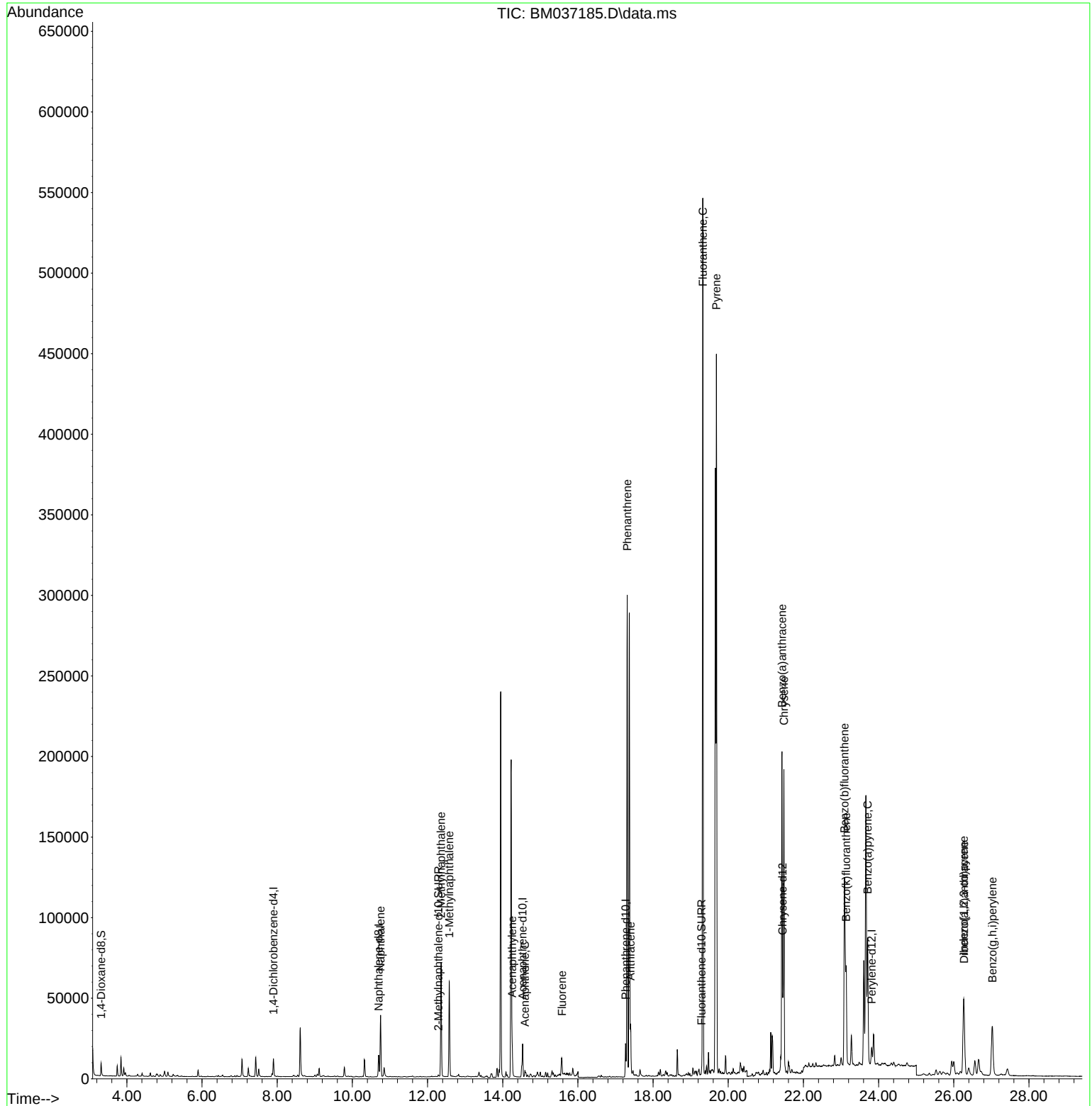
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037185.D
Acq On : 22 Oct 2022 02:33
Operator : CG/JU
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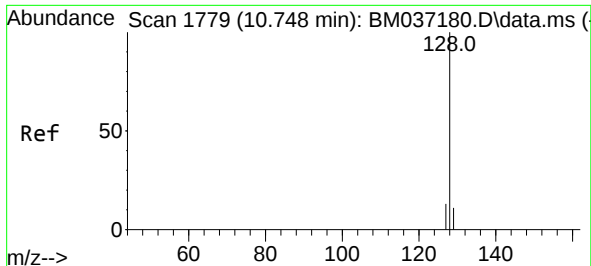
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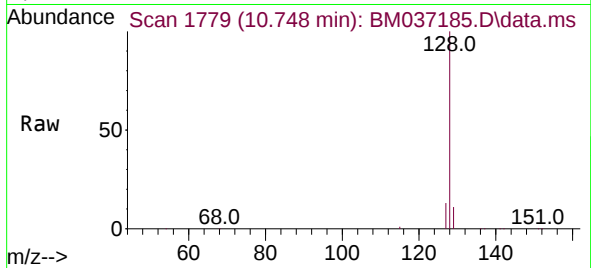
Quant Time: Oct 22 04:15:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.960 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

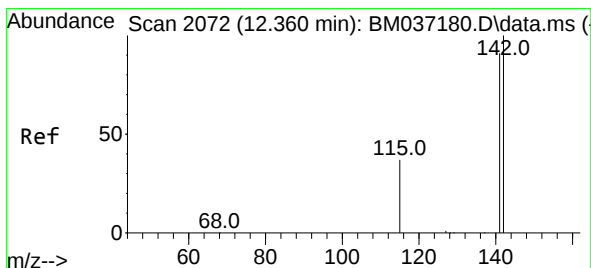
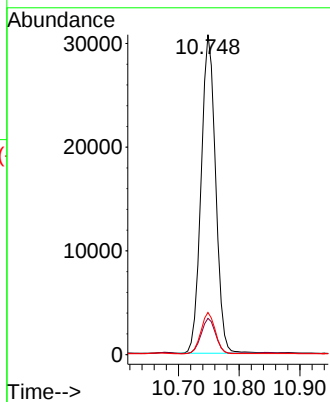
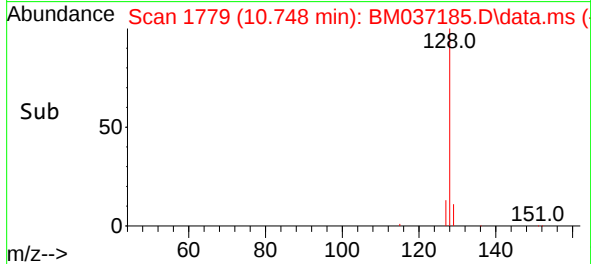
Instrument :
BNA_M
ClientSampleId :
C0BE5DL



Tgt Ion:128 Resp: 50954
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.5 15.7

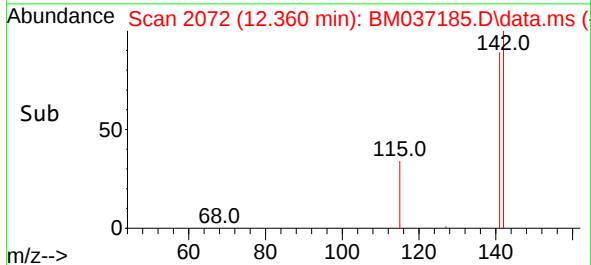
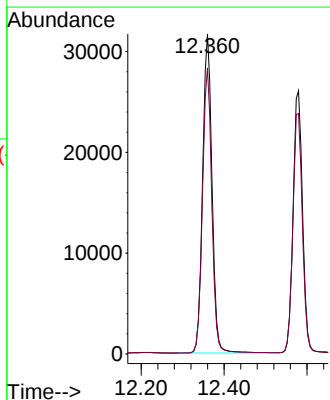
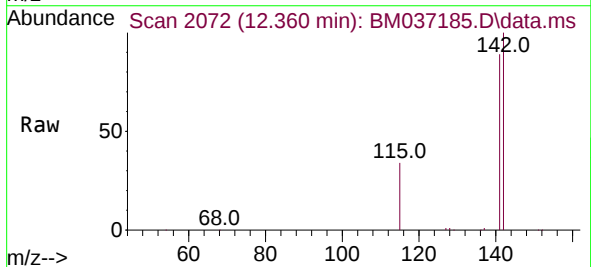
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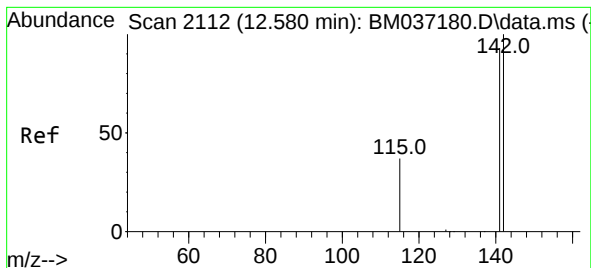
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.566 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

Tgt Ion:142 Resp: 49801
Ion Ratio Lower Upper
142 100
141 89.1 72.8 109.2





#8

1-Methylnaphthalene

Concen: 1.265 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037185.D

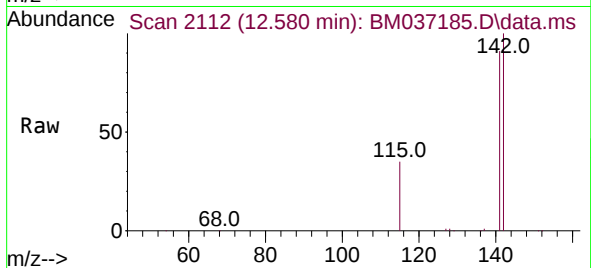
Acq: 22 Oct 2022 02:33

Instrument :

BNA_M

ClientSampleId :

C0BE5DL



Tgt Ion:142 Resp: 41060

Ion Ratio Lower Upper

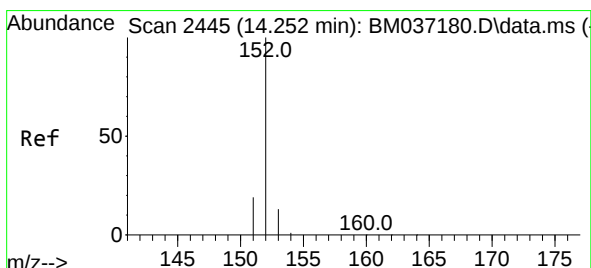
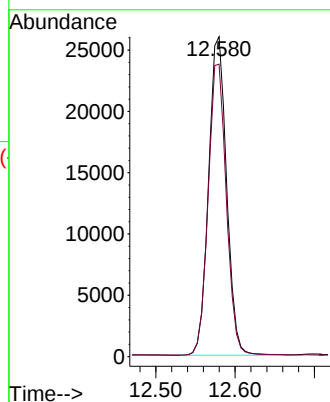
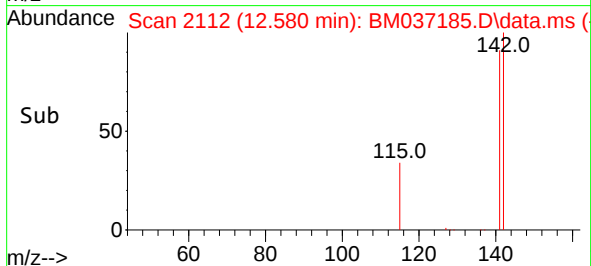
142 100

141 91.9 74.2 111.4

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#10

Acenaphthylene

Concen: 0.468 ng/ul

RT: 14.252 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM037185.D

Acq: 22 Oct 2022 02:33

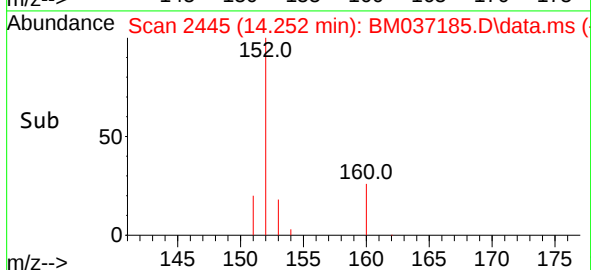
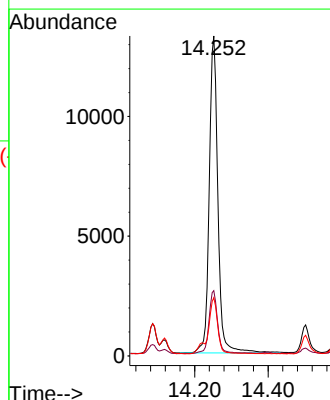
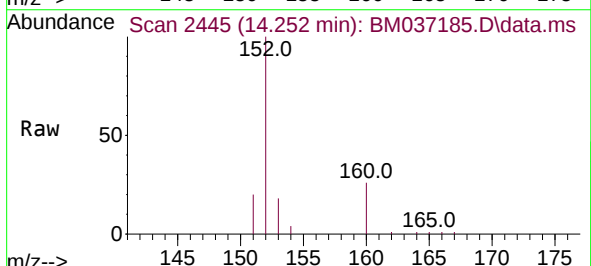
Tgt Ion:152 Resp: 21731

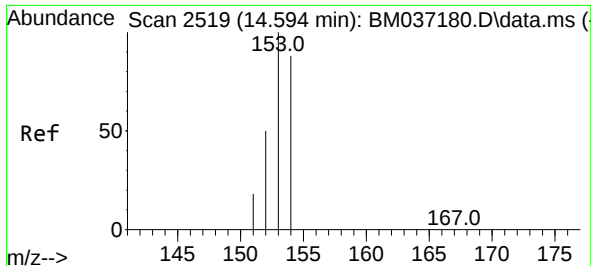
Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

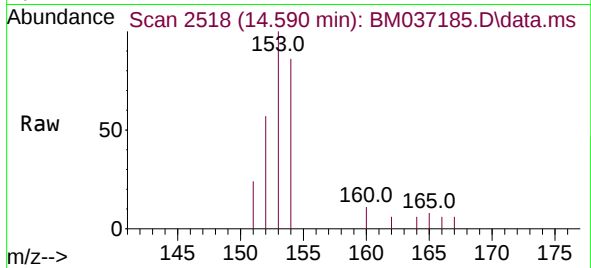
153 18.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.590 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

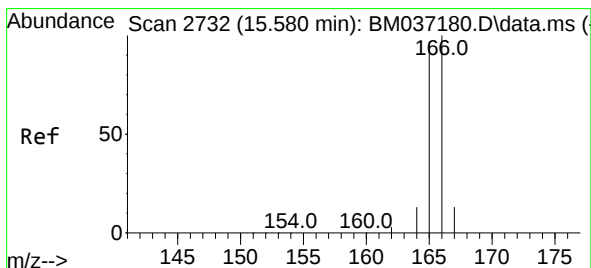
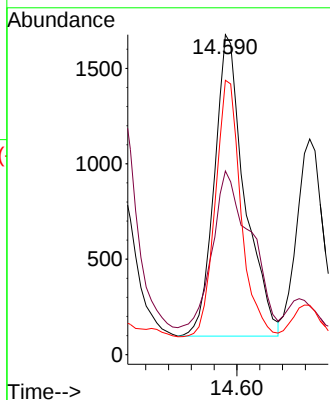
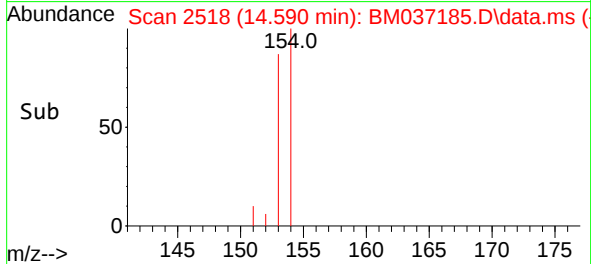
Instrument :
BNA_M
ClientSampleId :
C0BE5DL



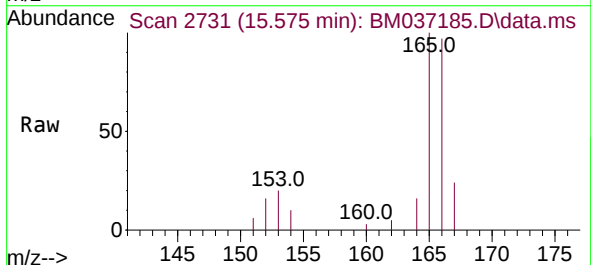
Tgt Ion:153 Resp: 2921
Ion Ratio Lower Upper
153 100
152 57.4 43.3 64.9
154 85.7 70.0 105.0

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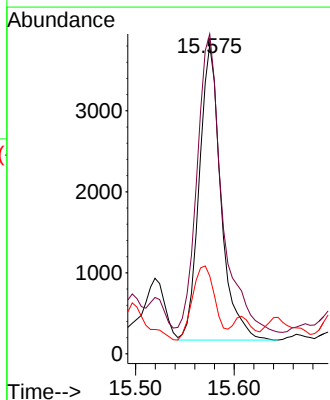
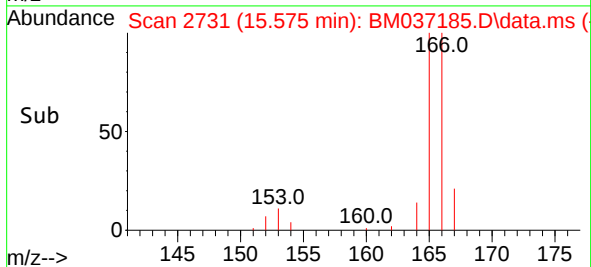
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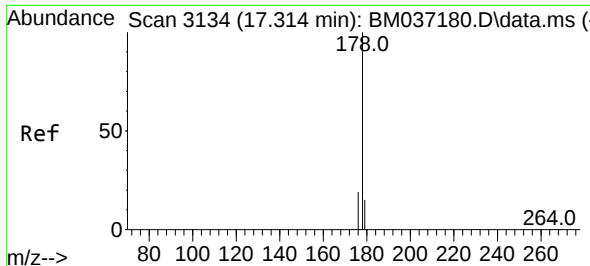


#12
Fluorene
Concen: 0.113 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



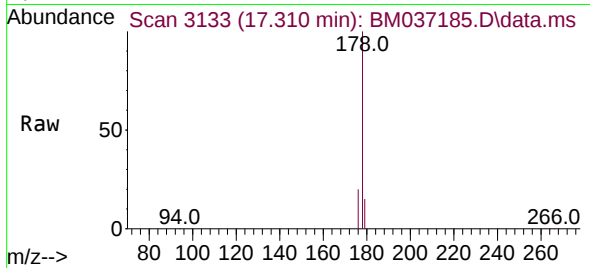
Tgt Ion:166 Resp: 5556
Ion Ratio Lower Upper
166 100
165 103.5 79.4 119.2
167 25.2 11.3 16.9#





#15
Phenanthrene
Concen: 3.853 ng/u1
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

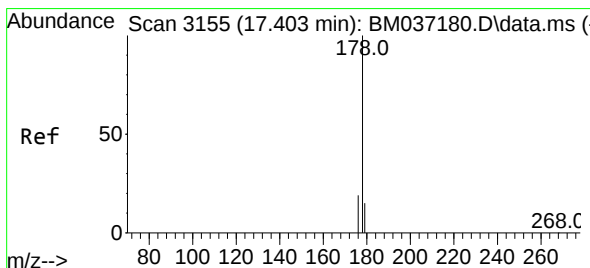
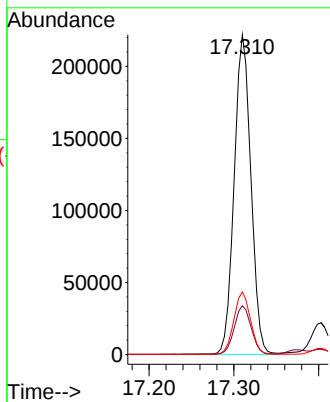
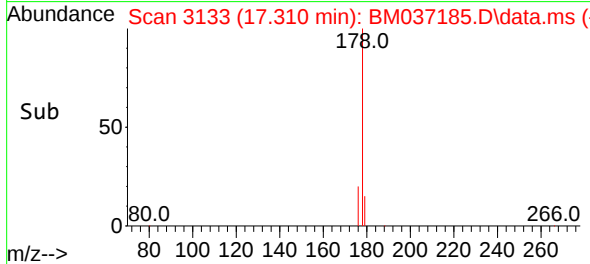
Instrument :
BNA_M
ClientSampleId :
C0BE5DL



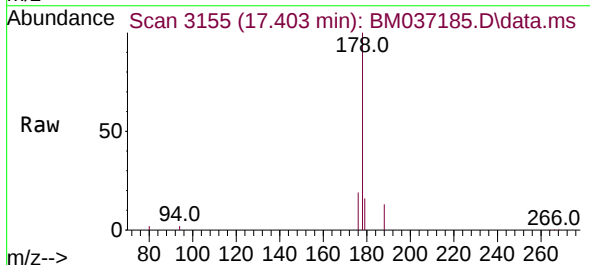
Tgt Ion:178 Resp: 302750
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.6 16.1 24.1

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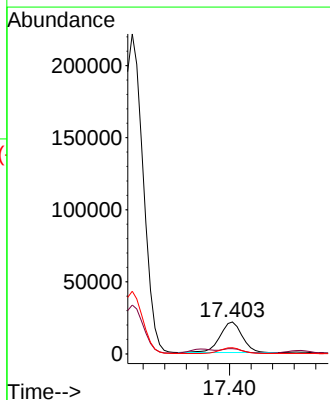
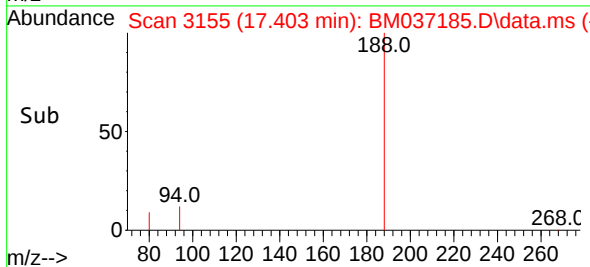
Reviewed By :Jagrut Upadhyay 10/24/2022
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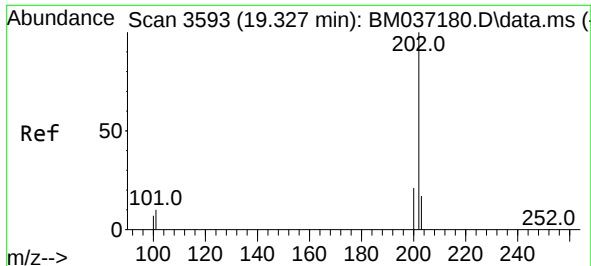


#16
Anthracene
Concen: 0.490 ng/u1
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



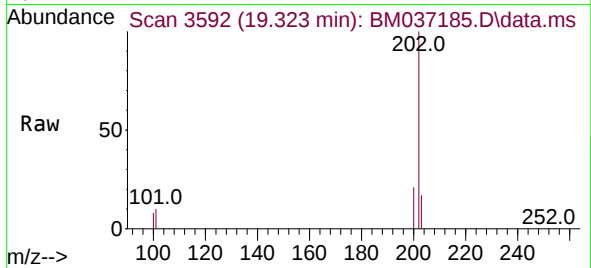
Tgt Ion:178 Resp: 30521
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 5.921 ng/ul
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

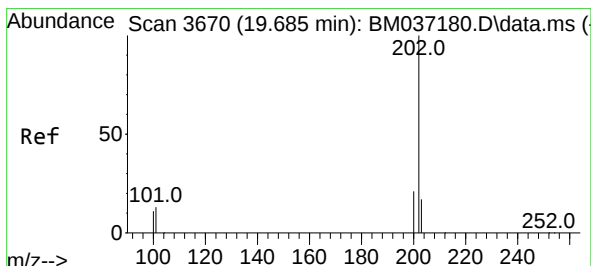
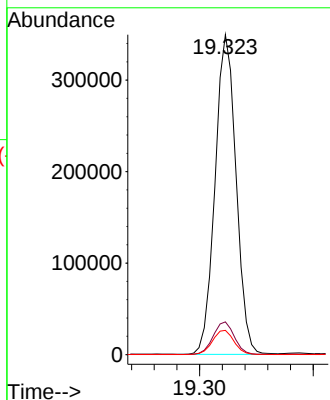
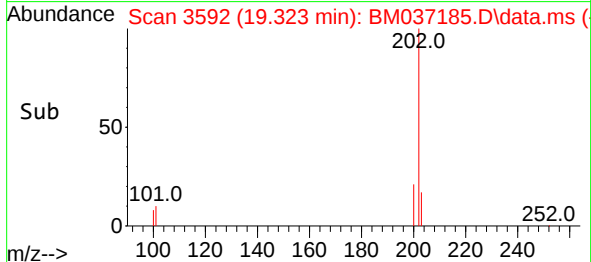
Instrument :
BNA_M
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Tgt Ion:202 Resp: 451452
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.6 6.9 10.3

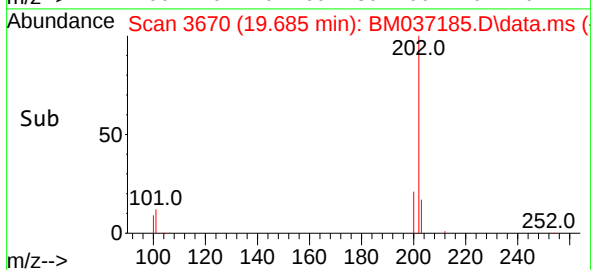
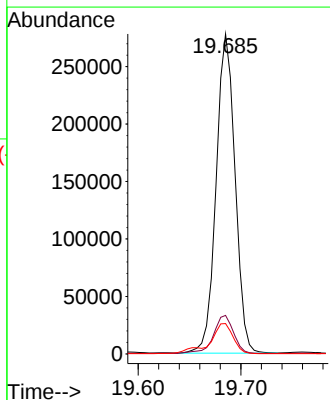
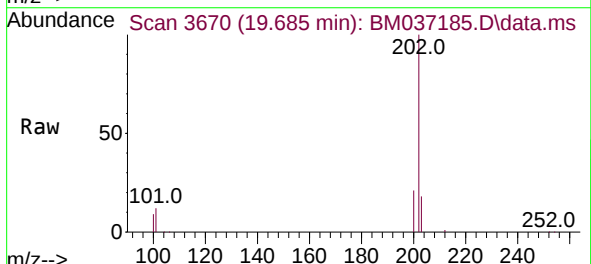
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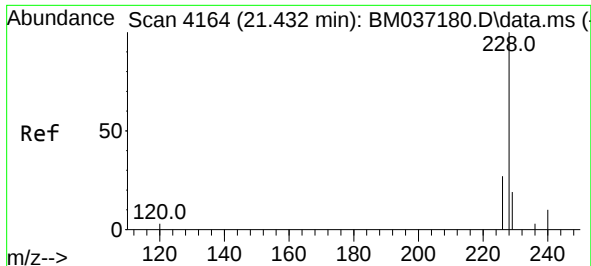
Reviewed By :Jagrut Upadhyay 10/24/2022
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#20
Pyrene
Concen: 4.601 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

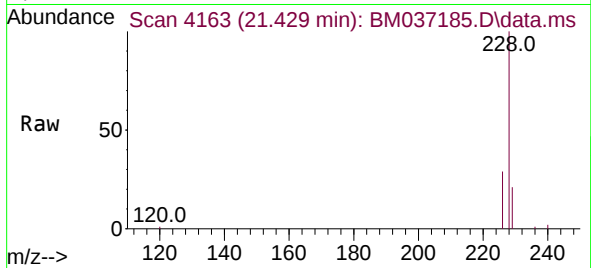
Tgt Ion:202 Resp: 355610
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 2.378 ng/ul
RT: 21.429 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

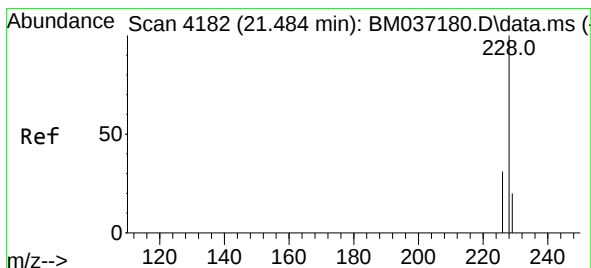
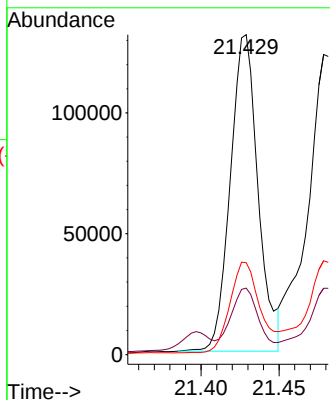
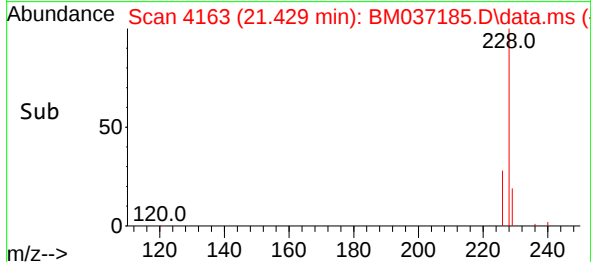
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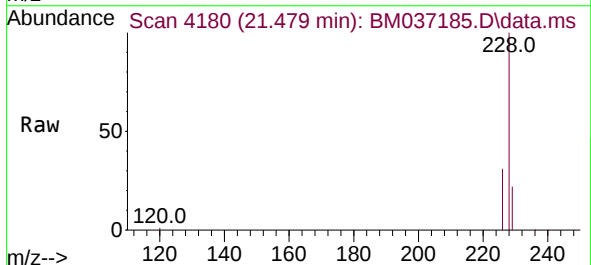
Tgt Ion:228 Resp: 161962
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.7 21.8 32.8

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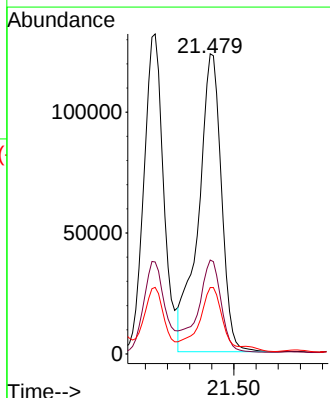
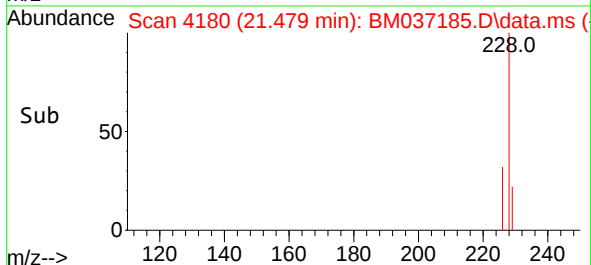
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

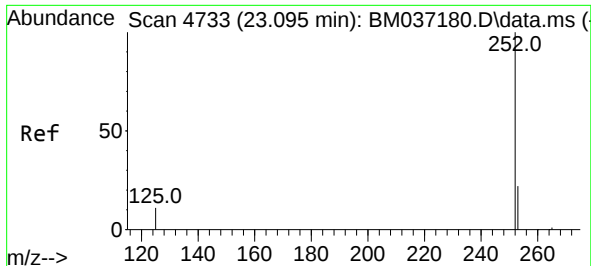


#22
Chrysene
Concen: 2.274 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



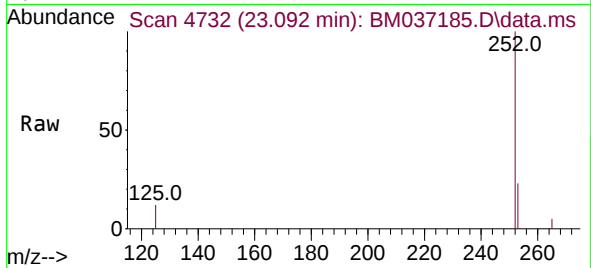
Tgt Ion:228 Resp: 178207
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.777 ng/ul
RT: 23.092 min Scan# 4733
Delta R.T. -0.003 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

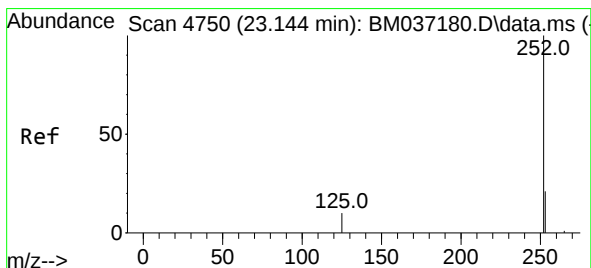
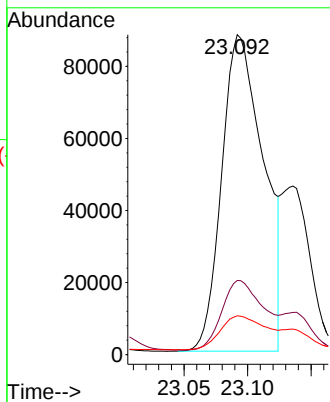
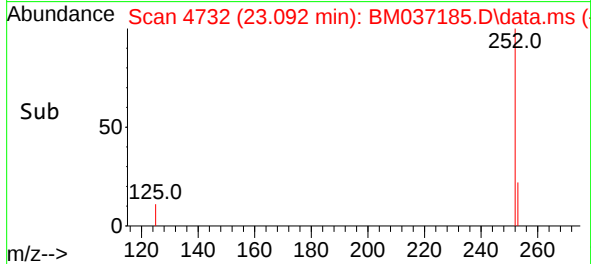
Instrument :
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ClientSampleId :
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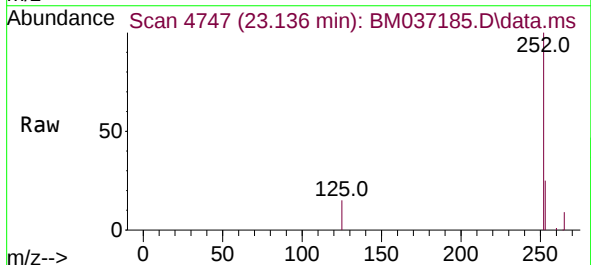
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Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.6
125 12.1 0.0 32.6

Manual Integrations
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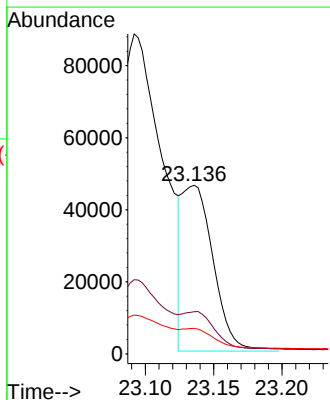
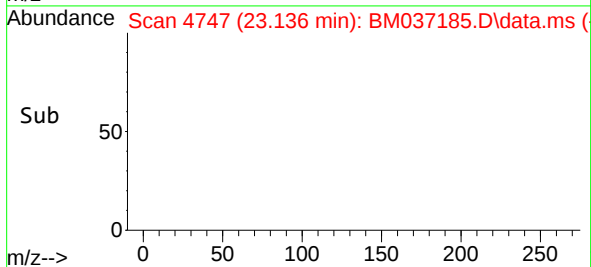
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

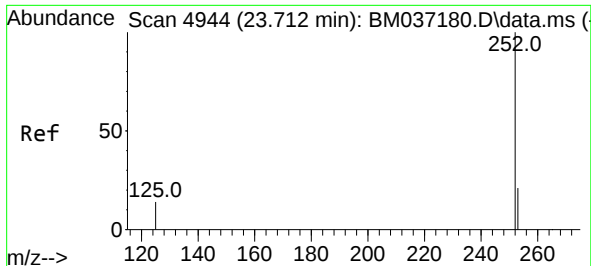


#25
Benzo(k)fluoranthene
Concen: 1.044 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



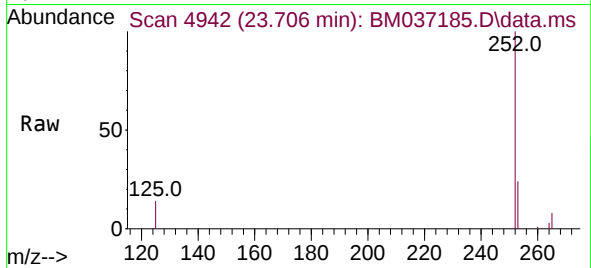
Tgt Ion:252 Resp: 73100
Ion Ratio Lower Upper
252 100
253 25.0 20.6 30.8
125 15.1 13.3 19.9





#26
Benzo(a)pyrene
Concen: 1.949 ng/ul
RT: 23.706 min Scan# 4944
Delta R.T. -0.006 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

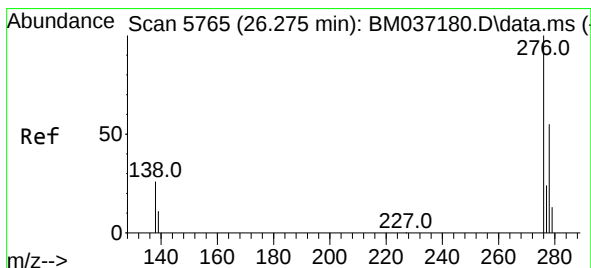
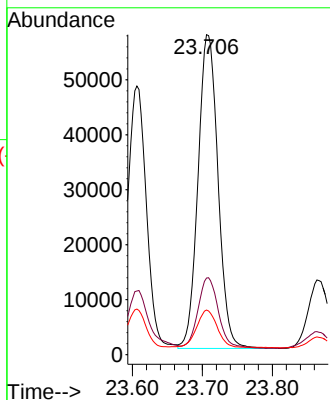
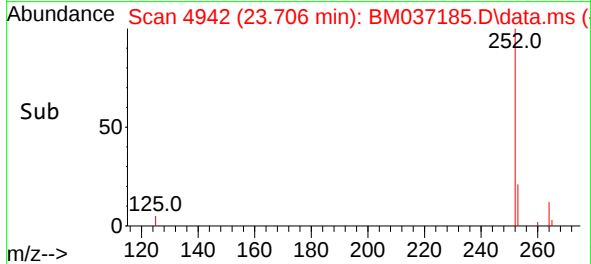
Instrument :
BNA_M
ClientSampleId :
C0BE5DL



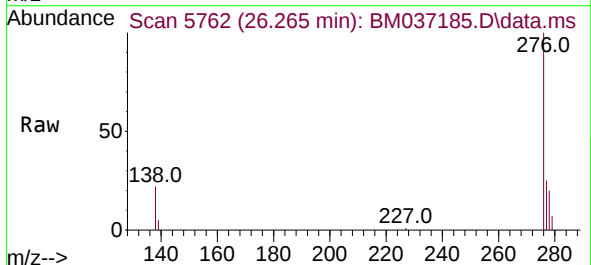
Tgt Ion:252 Resp: 113338
Ion Ratio Lower Upper
252 100
253 23.9 22.1 33.1
125 13.9 17.6 26.4

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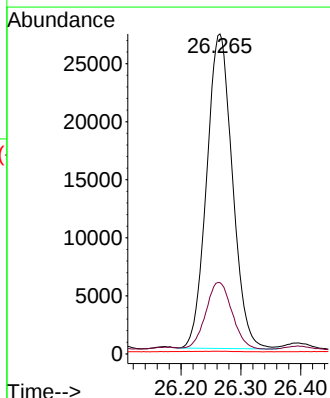
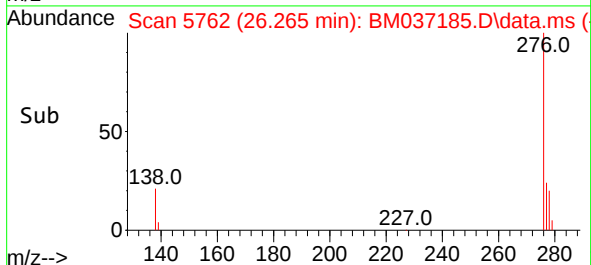
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

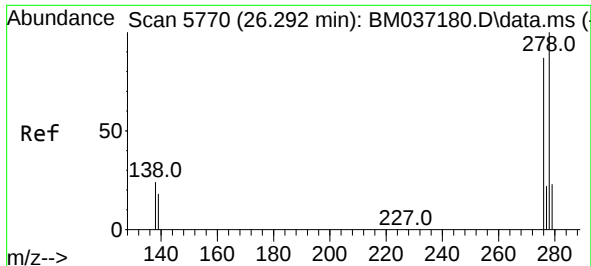


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.999 ng/ul
RT: 26.265 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



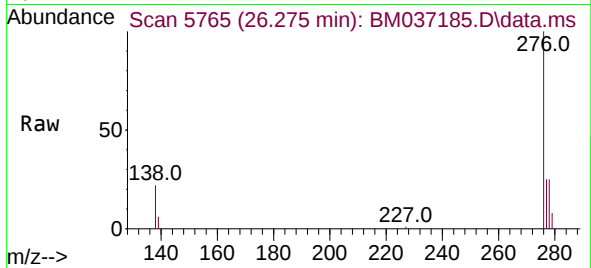
Tgt Ion:276 Resp: 81168
Ion Ratio Lower Upper
276 100
138 21.9 21.4 32.0
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 26.275 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33

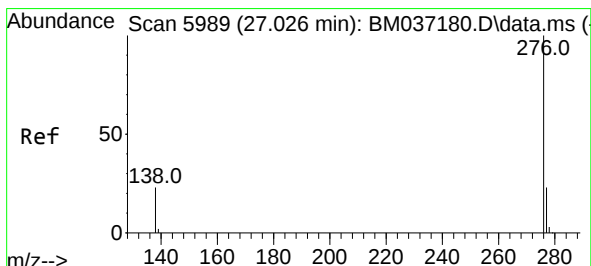
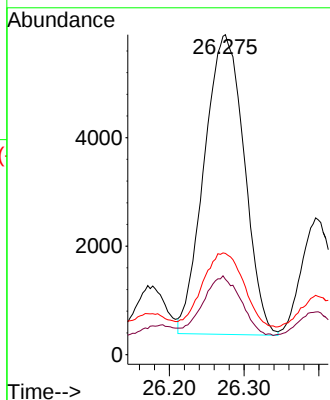
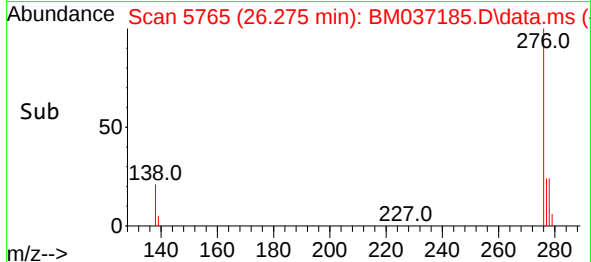
Instrument :
BNA_M
ClientSampleId :
C0BE5DL



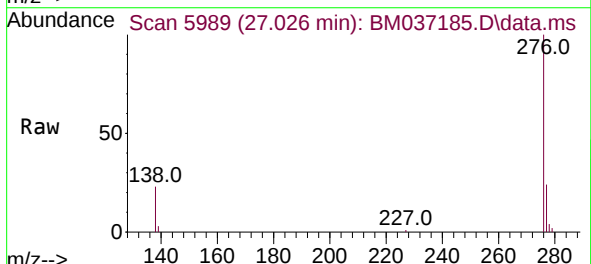
Tgt Ion:278 Resp: 2056
Ion Ratio Lower Upper
278 100
139 23.5 16.3 24.5
279 31.6 21.5 32.3

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Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.942 ng/ul
RT: 27.026 min Scan# 5989
Delta R.T. 0.000 min
Lab File: BM037185.D
Acq: 22 Oct 2022 02:33



Tgt Ion:276 Resp: 67305
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.8
277 24.3 20.1 30.1

