

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037191.D
 Acq On : 22 Oct 2022 06:03
 Operator : CG/JU
 Sample : N5064-06DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL6DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 11:35:58 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	7.897	152	5207	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	20984	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	17289	0.400	ng/ul	0.00
23) Perylene-d12	23.815	264	16364	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4808	0.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	1308	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	3145	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	48160	1.013	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	41486	1.458	ng/ul	98
8) 1-Methylnaphthalene	12.575	142	34650	1.193	ng/ul	99
10) Acenaphthylene	14.252	152	35088	0.843	ng/ul	98
11) Acenaphthene	14.589	153	3843	0.102	ng/ul	100
12) Fluorene	15.575	166	8766	0.199	ng/ul#	96
15) Phenanthrene	17.309	178	500505	7.065	ng/ul	99
16) Anthracene	17.402	178	38677	0.689	ng/ul	100
19) Fluoranthene	19.322	202	680524	9.061	ng/ul	98
20) Pyrene	19.685	202	539619	7.087	ng/ul	100
21) Benzo(a)anthracene	21.427	228	224538	3.347	ng/ul	97
22) Chrysene	21.480	228	281574	3.647	ng/ul	98
24) Benzo(b)fluoranthene	23.093	252	331122	3.820	ng/ul	93
25) Benzo(k)fluoranthene	23.137	252	121241m	1.447	ng/ul	
26) Benzo(a)pyrene	23.710	252	190458	2.736	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.266	276	139256	1.433	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.276	278	36082	0.470	ng/ul	95
29) Benzo(g,h,i)perylene	27.021	276	118221	1.383	ng/ul	98

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

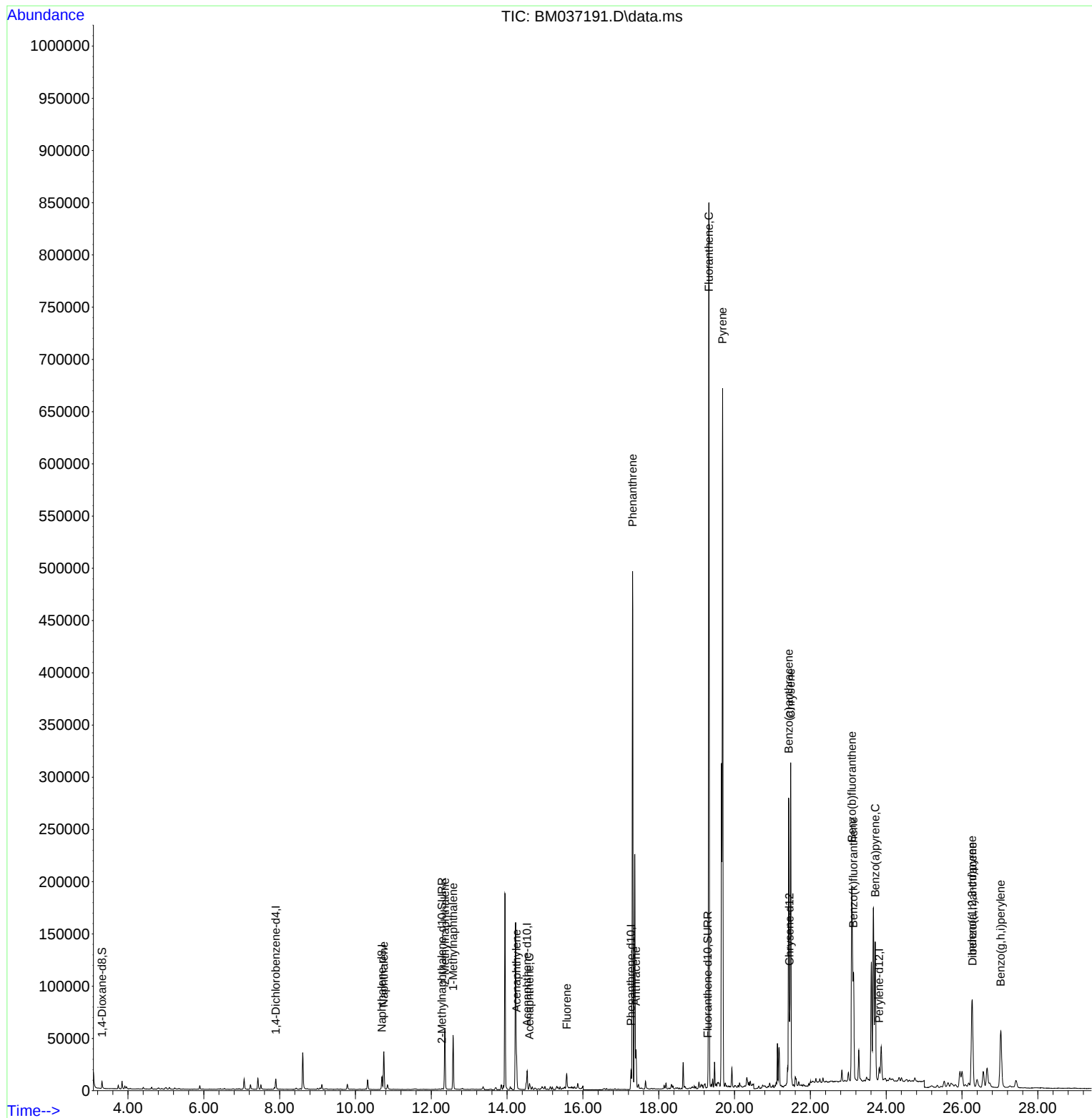
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037191.D
Acq On : 22 Oct 2022 06:03
Operator : CG/JU
Sample : N5064-06DL 5X
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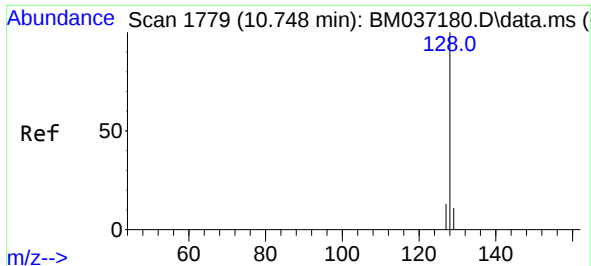
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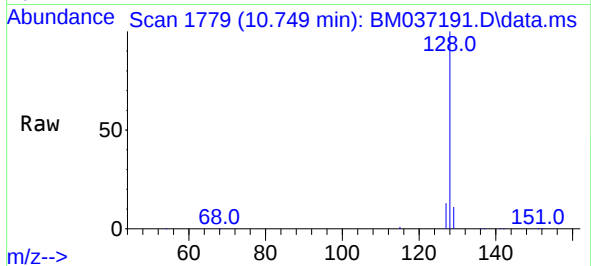
Quant Time: Oct 22 11:35:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.013 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

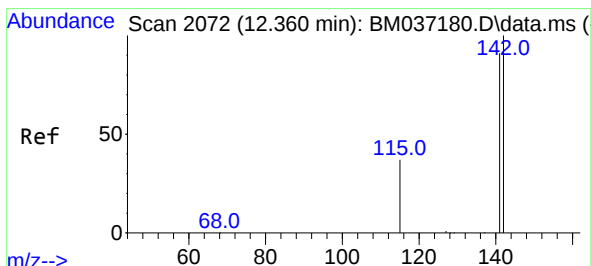
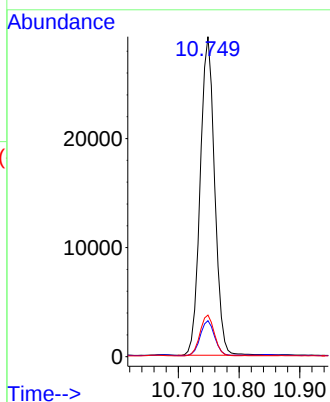
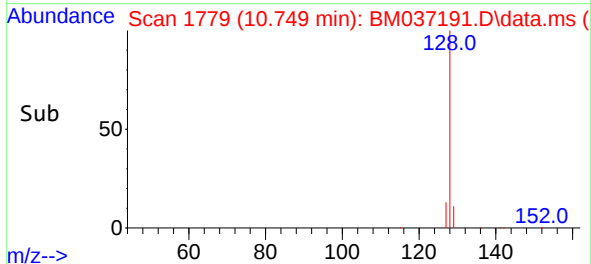
Instrument :
BNA_M
ClientSampleId :
C0BL6DL



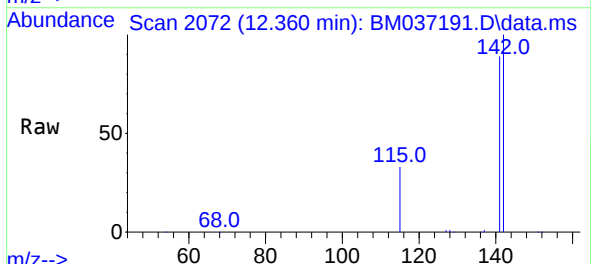
Tgt Ion:128 Resp: 48160
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.5 15.7

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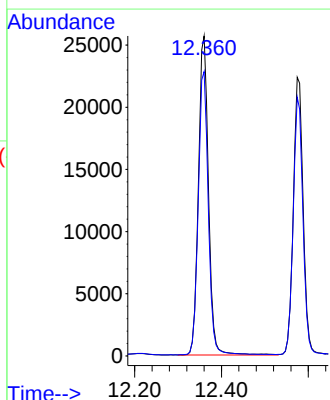
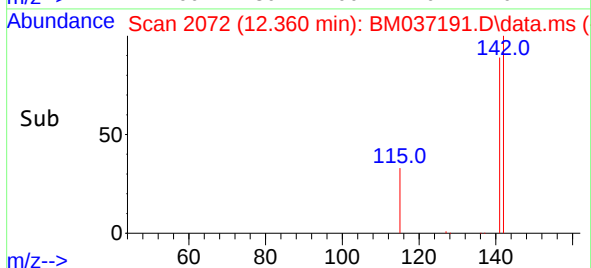
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Supervised By :mohammad ahmed 10/24/2022

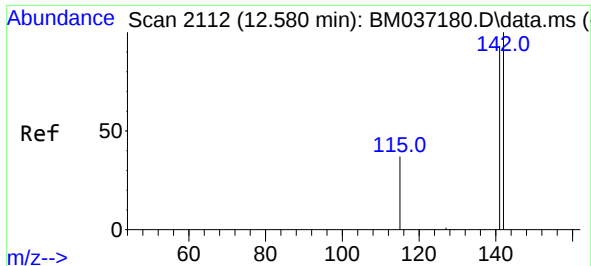


#7
2-Methylnaphthalene
Concen: 1.458 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



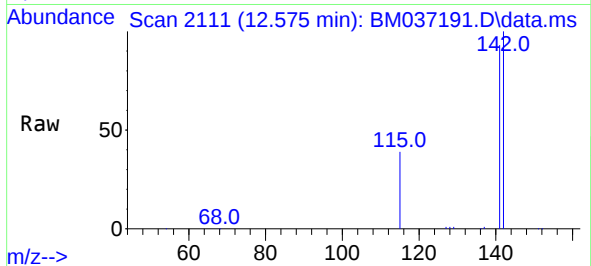
Tgt Ion:142 Resp: 41486
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2





#8
1-Methylnaphthalene
Concen: 1.193 ng/ul
RT: 12.575 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

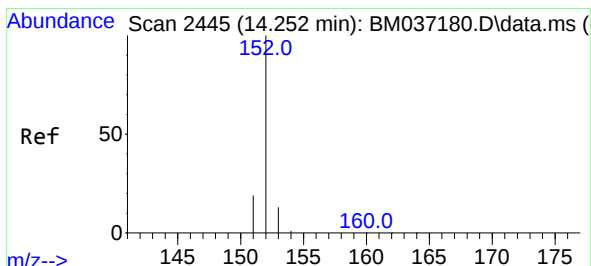
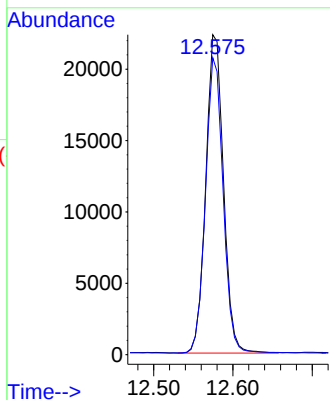
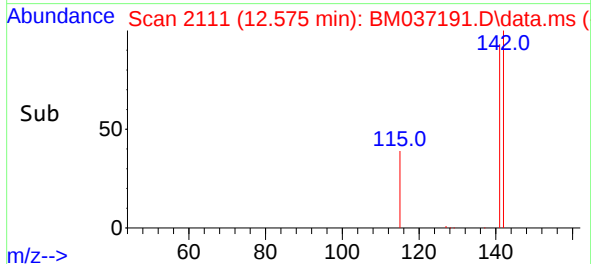
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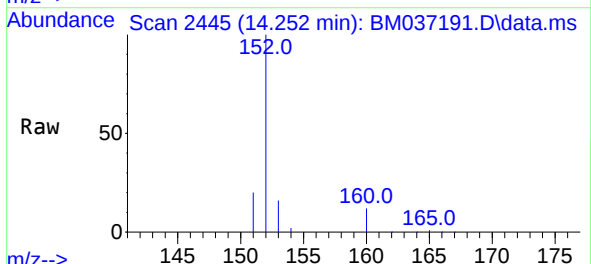
Tgt Ion:142 Resp: 34650
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4

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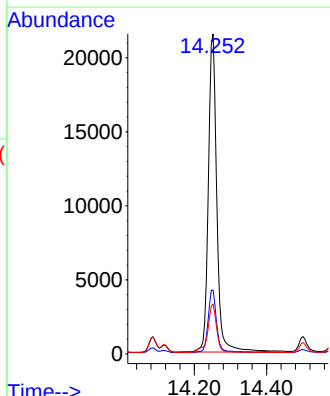
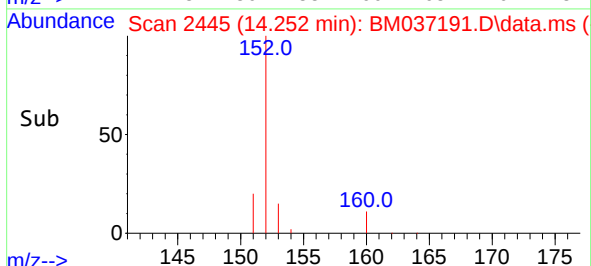
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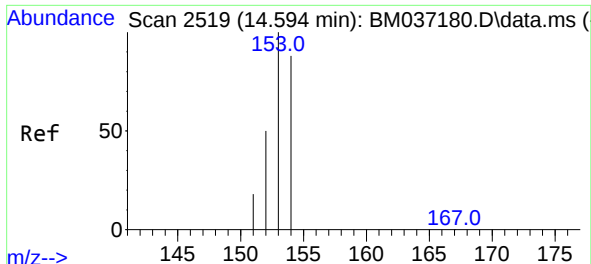


#10
Acenaphthylene
Concen: 0.843 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



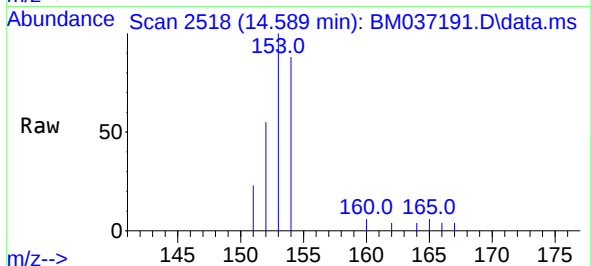
Tgt Ion:152 Resp: 35088
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 15.6 10.8 16.2





#11
Acenaphthene
Concen: 0.102 ng/u1
RT: 14.589 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

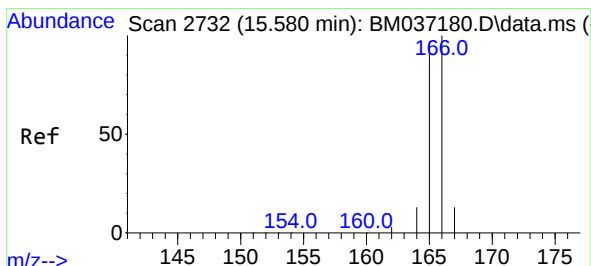
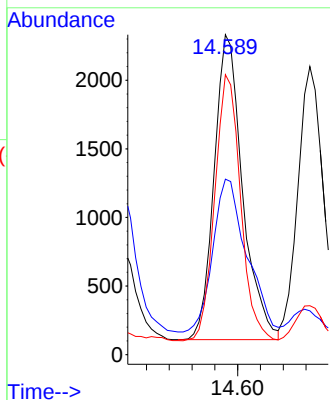
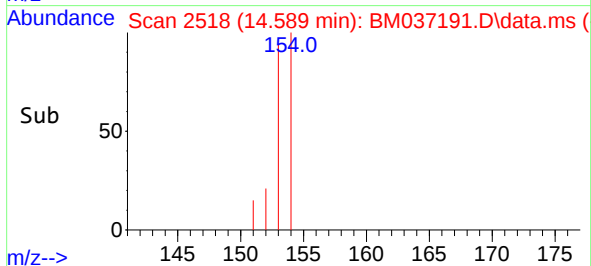
Instrument :
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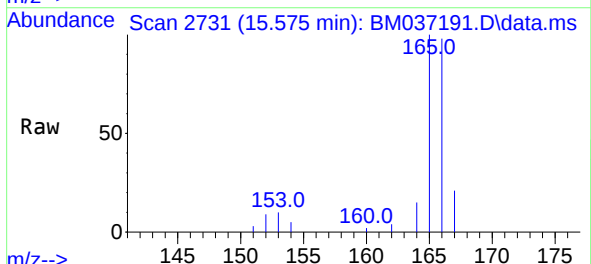
Tgt Ion:153 Resp: 384
Ion Ratio Lower Upper
153 100
152 54.8 43.3 64.9
154 87.5 70.0 105.0

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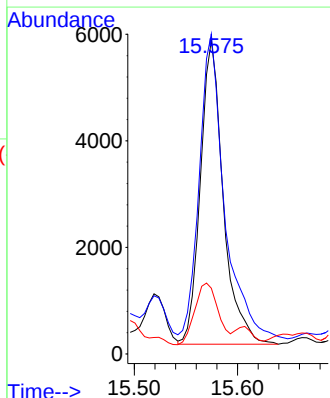
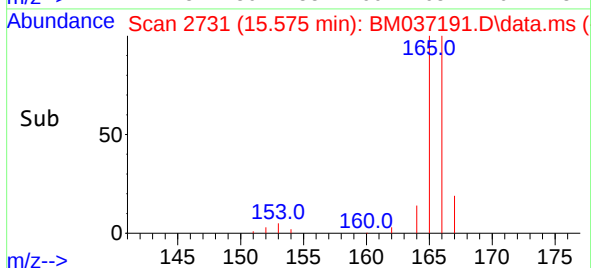
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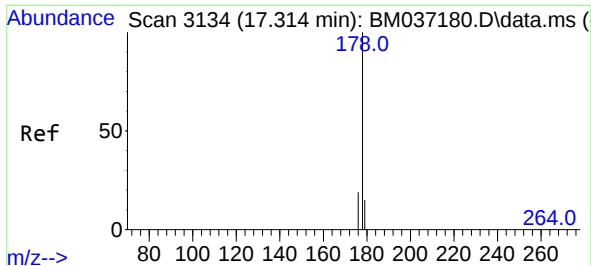


#12
Fluorene
Concen: 0.199 ng/u1
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



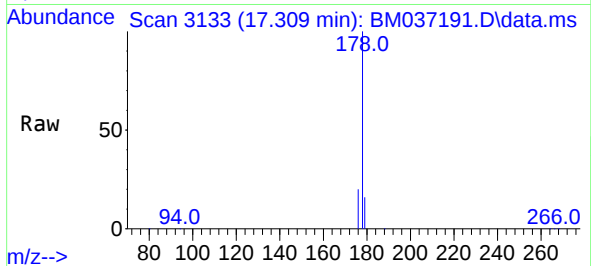
Tgt Ion:166 Resp: 8766
Ion Ratio Lower Upper
166 100
165 102.0 79.4 119.2
167 21.0 11.3 16.9#





#15
Phenanthrene
Concen: 7.065 ng/u1
RT: 17.309 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

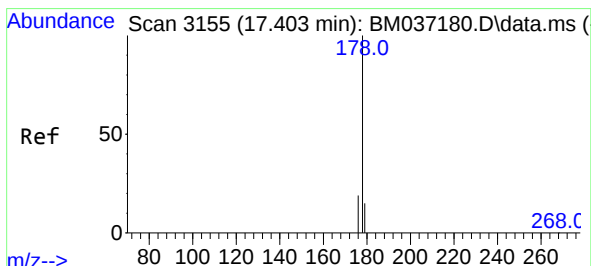
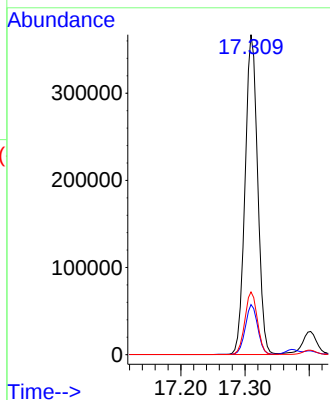
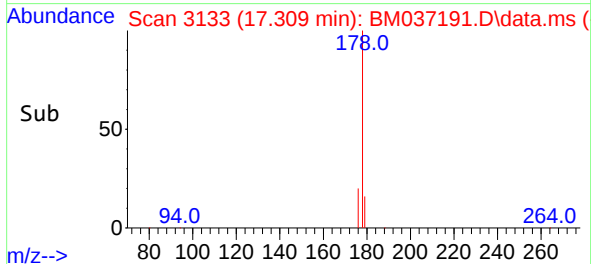
Instrument :
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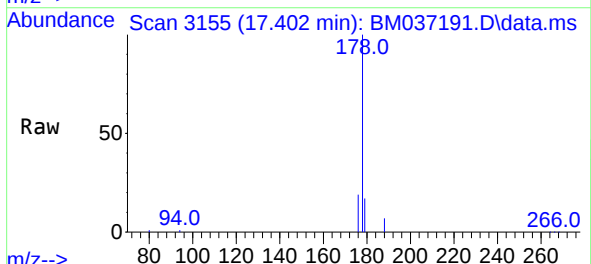
Tgt Ion:178 Resp: 500509
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 16.1 24.1

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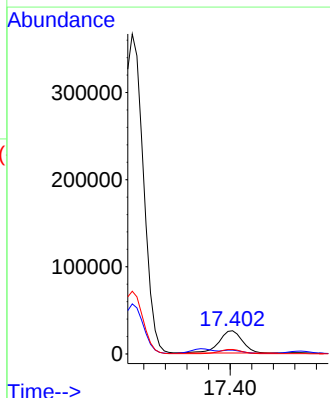
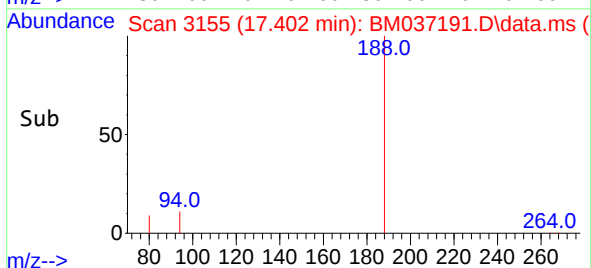
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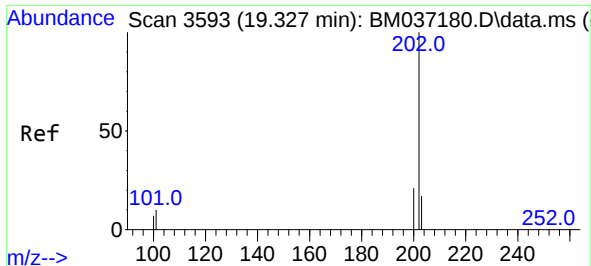


#16
Anthracene
Concen: 0.689 ng/u1
RT: 17.402 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



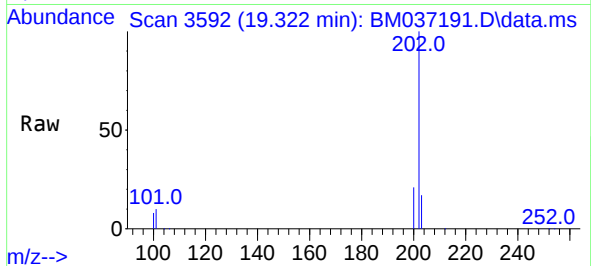
Tgt Ion:178 Resp: 38677
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 9.061 ng/u1
RT: 19.322 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

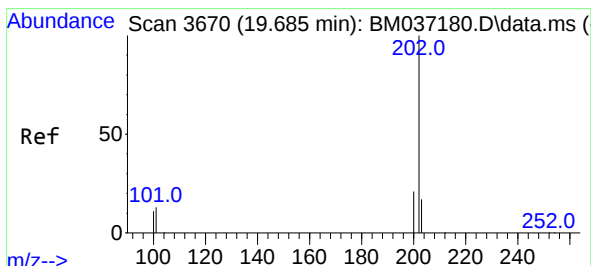
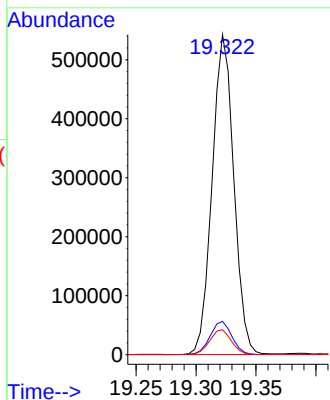
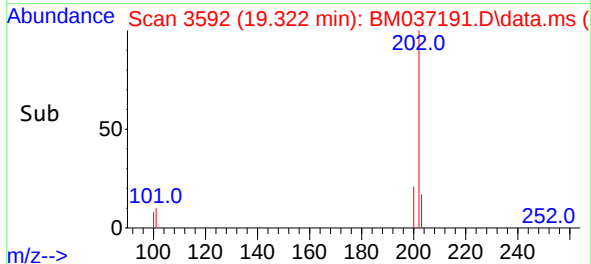
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Tgt Ion:202 Resp: 680524
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 7.8 6.9 10.3

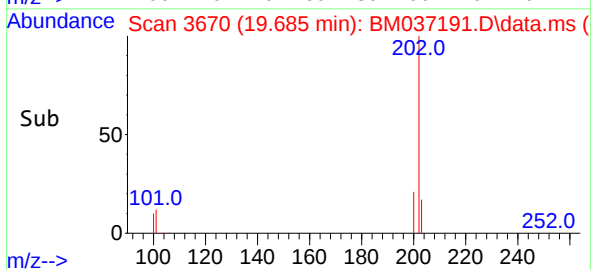
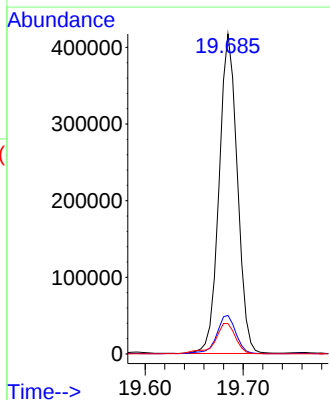
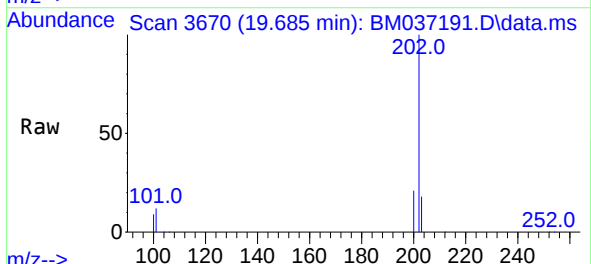
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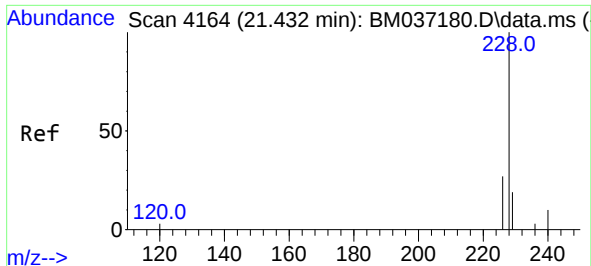
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 7.087 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

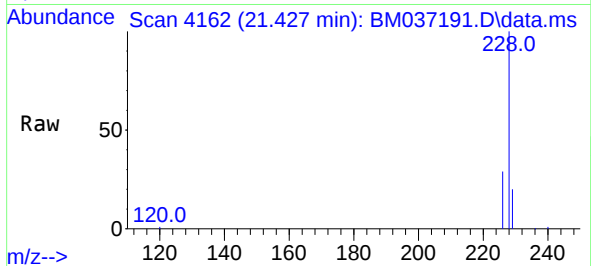
Tgt Ion:202 Resp: 539619
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 3.347 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

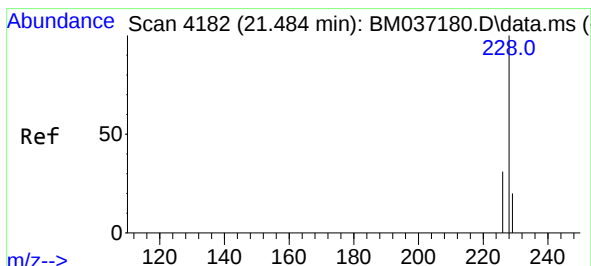
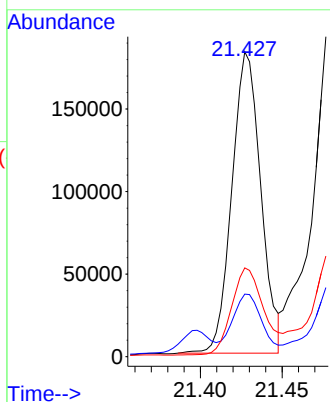
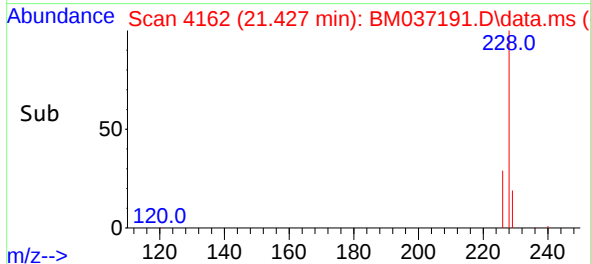
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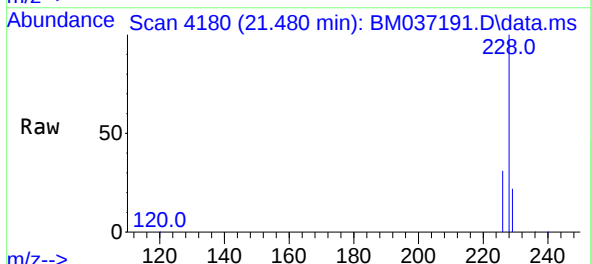
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Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.1 21.8 32.8

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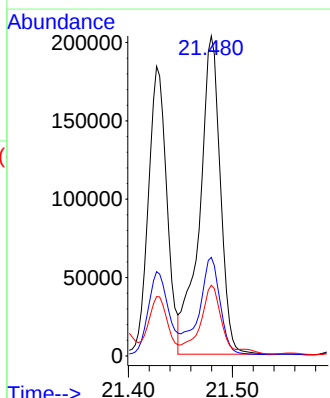
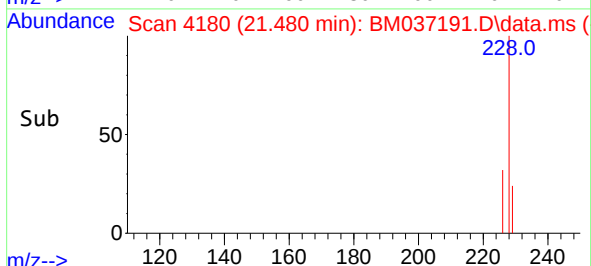
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

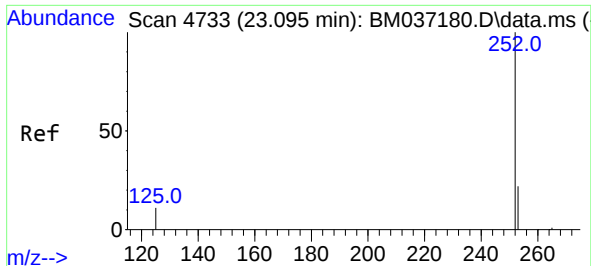


#22
Chrysene
Concen: 3.647 ng/ul
RT: 21.480 min Scan# 4180
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



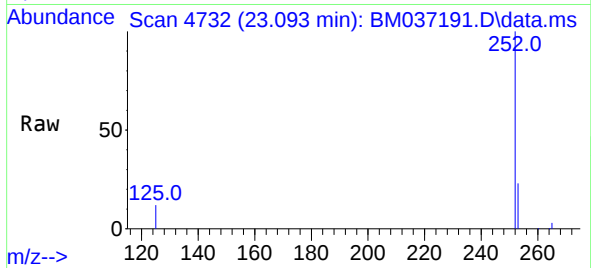
Tgt Ion:228 Resp: 281574
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.820 ng/ul
RT: 23.093 min Scan# 4733
Delta R.T. -0.002 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

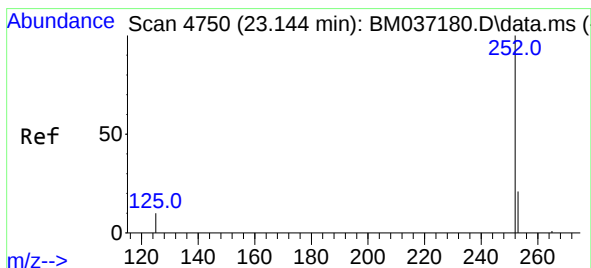
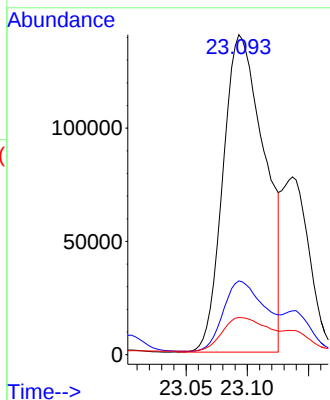
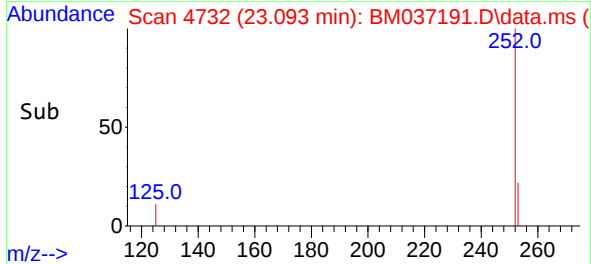
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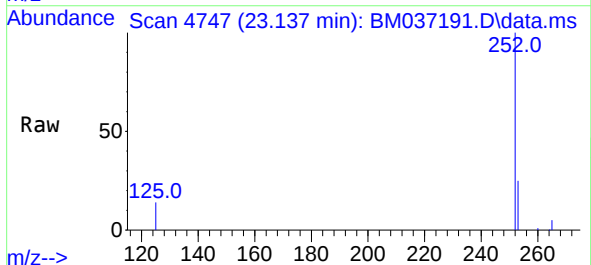
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Ion Ratio Lower Upper
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253 23.1 0.0 50.6
125 11.6 0.0 32.6

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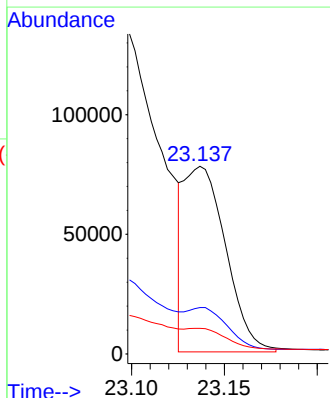
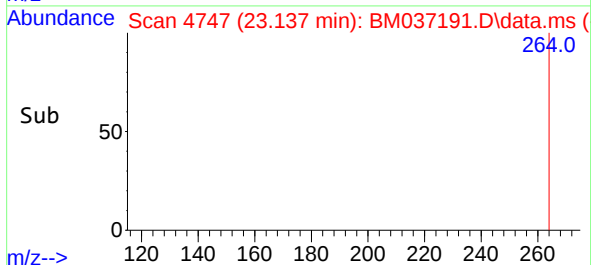
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

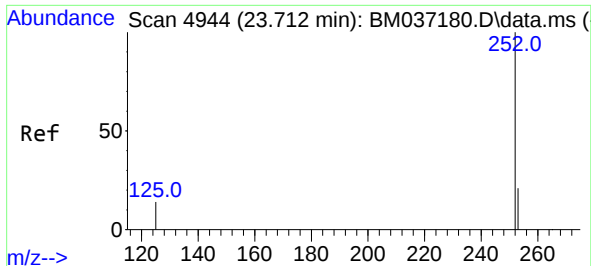


#25
Benzo(k)fluoranthene
Concen: 1.447 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. -0.008 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



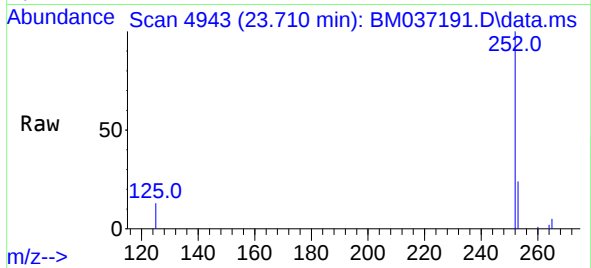
Tgt Ion:252 Resp: 121241
Ion Ratio Lower Upper
252 100
253 24.7 20.6 30.8
125 13.6 13.3 19.9





#26
Benzo(a)pyrene
Concen: 2.736 ng/ul
RT: 23.710 min Scan# 4944
Delta R.T. -0.002 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

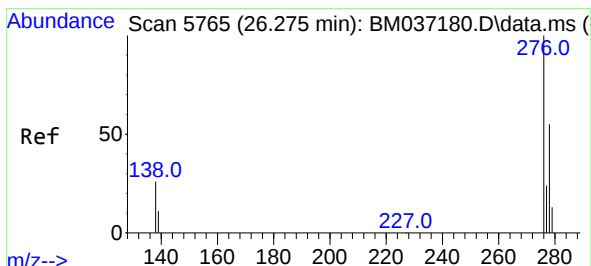
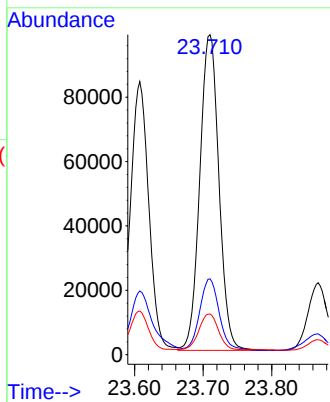
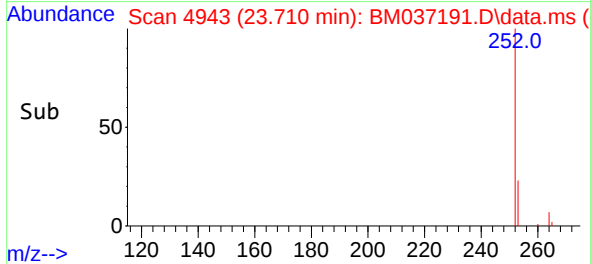
Instrument :
BNA_M
ClientSampleId :
C0BL6DL



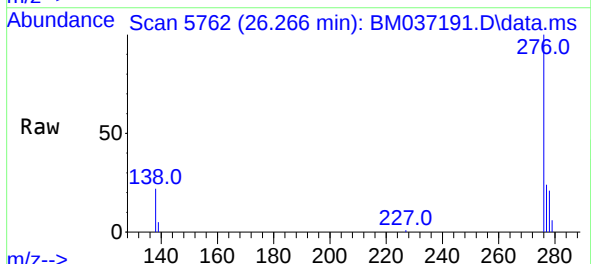
Tgt Ion:252 Resp: 190458
Ion Ratio Lower Upper
252 100
253 23.7 22.1 33.1
125 12.7 17.6 26.4

Manual Integrations
APPROVED

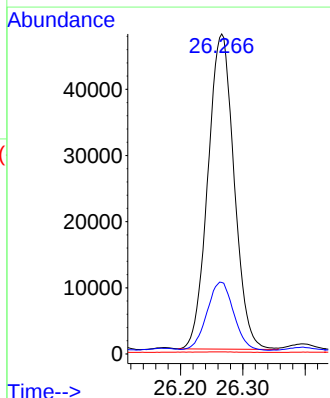
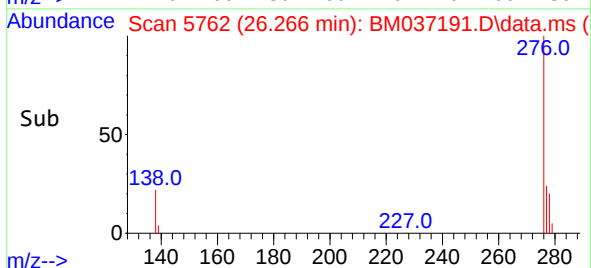
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

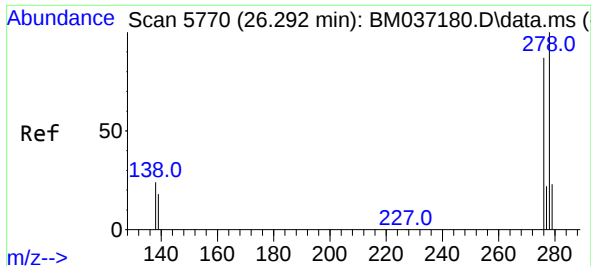


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.433 ng/ul
RT: 26.266 min Scan# 5762
Delta R.T. -0.009 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



Tgt Ion:276 Resp: 139256
Ion Ratio Lower Upper
276 100
138 22.1 21.4 32.0
227 0.2 0.1 0.1





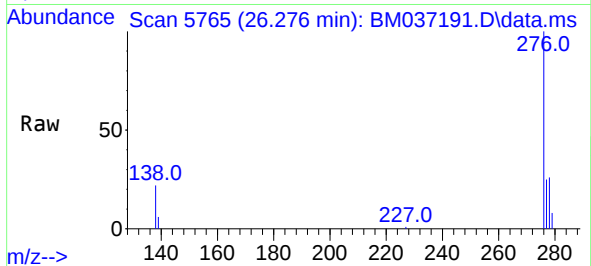
#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 26.276 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03

Instrument :

BNA_M

ClientSampleId :

C0BL6DL

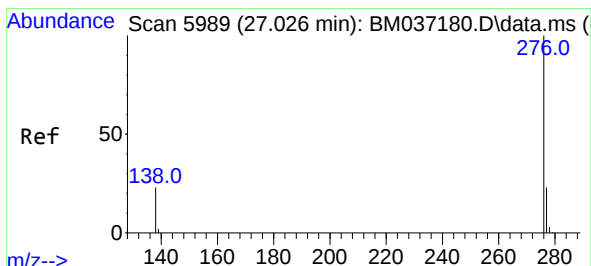
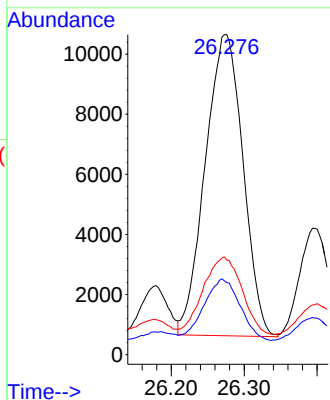
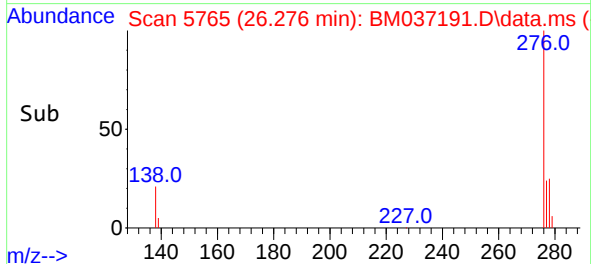


Tgt Ion:278 Resp: 3608
Ion Ratio Lower Upper
278 100
139 22.6 16.3 24.5
279 29.5 21.5 32.3

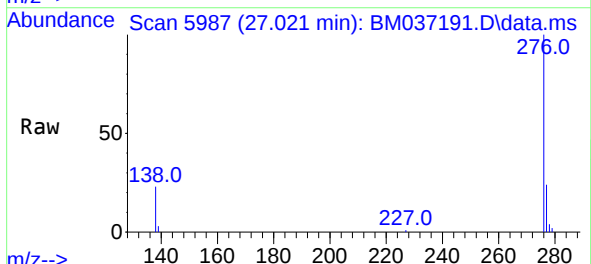
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.383 ng/ul
RT: 27.021 min Scan# 5987
Delta R.T. -0.005 min
Lab File: BM037191.D
Acq: 22 Oct 2022 06:03



Tgt Ion:276 Resp: 118221
Ion Ratio Lower Upper
276 100
138 23.3 19.8 29.8
277 24.5 20.1 30.1

