

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037079.D
 Acq On : 15 Oct 2022 06:52
 Operator : CG/JU
 Sample : N5049-13
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:53:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23809	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	15226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	26727	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16885	0.400	ng/ul	# 0.00
23) Perylene-d12	23.852	264	15015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	33790	3.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9235	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	18261	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	686657	10.088	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	551394	13.243	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	433538	10.252	ng/ul	99
10) Acenaphthylene	14.275	152	326157	5.154	ng/ul	98
11) Acenaphthene	14.617	153	13027	0.237	ng/ul#	91
12) Fluorene	15.598	166	27610	0.444	ng/ul#	69
14) Pentachlorophenol	16.947	266	503	0.078	ng/ul	94
15) Phenanthrene	17.335	178	706902	8.285	ng/ul	99
16) Anthracene	17.428	178	182822	2.564	ng/ul	98
19) Fluoranthene	19.346	202	913750	13.606	ng/ul	99
20) Pyrene	19.708	202	1245825	17.788	ng/ul	99
21) Benzo(a)anthracene	21.449	228	545668	8.945	ng/ul	95
22) Chrysene	21.502	228	718984	10.977	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	843651	12.577	ng/ul	85
25) Benzo(k)fluoranthene	23.168	252	268513m	4.108	ng/ul	
26) Benzo(a)pyrene	23.747	252	553633	10.173	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.322	276	401254	5.205	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.329	278	103336	1.659	ng/ul#	91
29) Benzo(g,h,i)perylene	27.087	276	357790	5.267	ng/ul	96

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

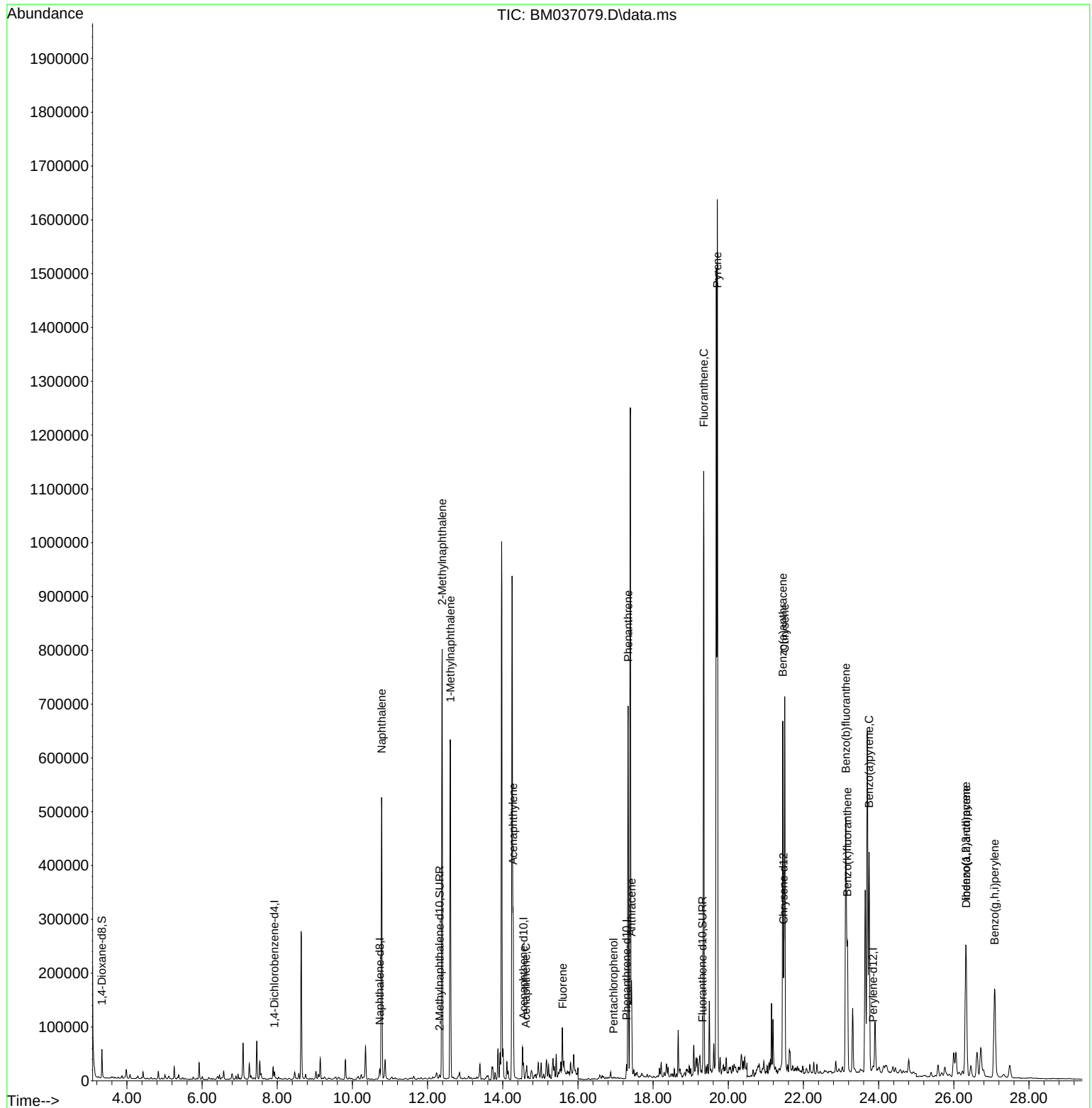
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037079.D
Acq On : 15 Oct 2022 06:52
Operator : CG/JU
Sample : N5049-13
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ALS Vial : 76 Sample Multiplier: 1

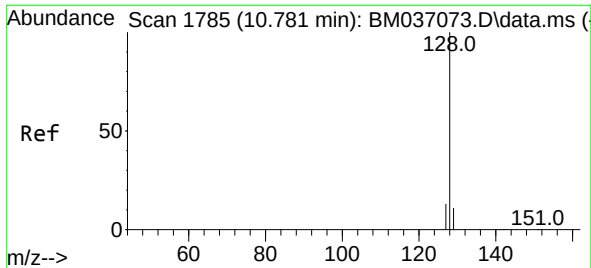
Instrument :
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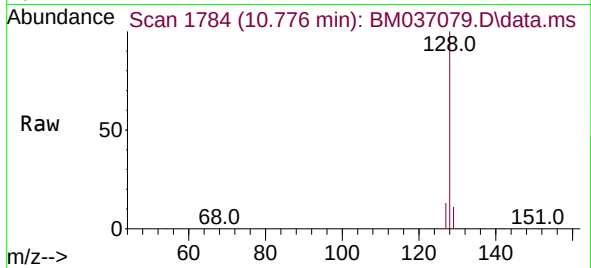
Quant Time: Oct 17 00:53:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
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#5
Naphthalene
Concen: 10.088 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

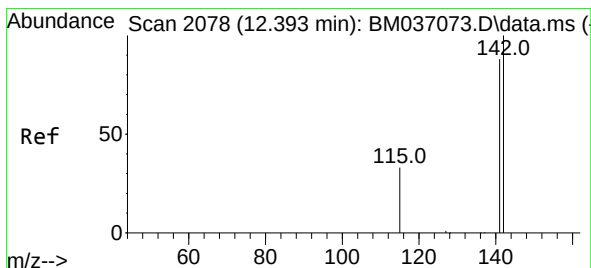
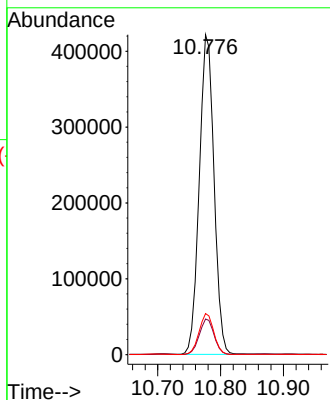
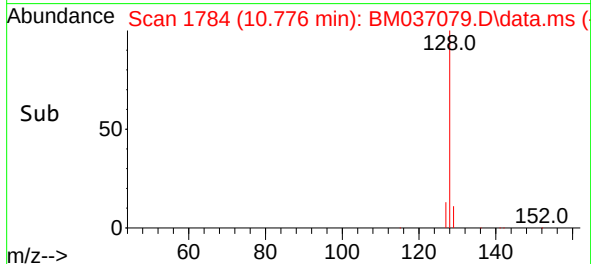
Instrument :
BNA_M
ClientSampleId :
C0BR9



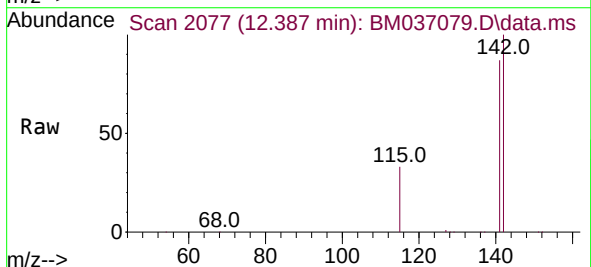
Tgt Ion:128 Resp: 686652
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5

Manual Integrations
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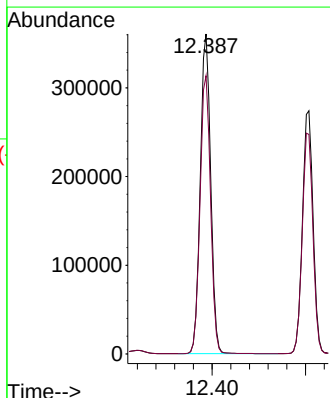
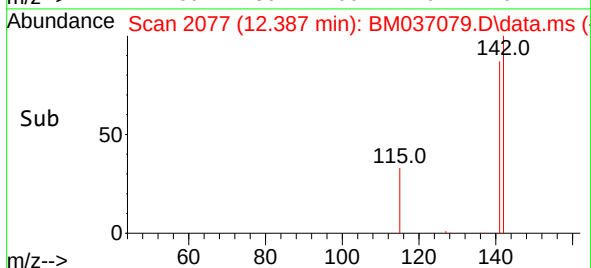
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

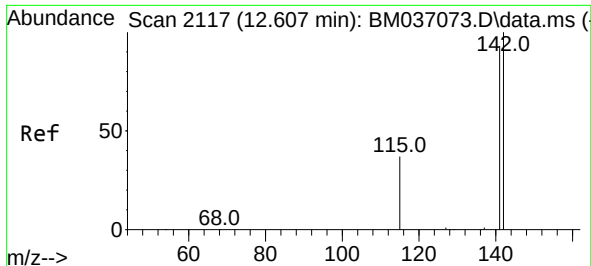


#7
2-Methylnaphthalene
Concen: 13.243 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



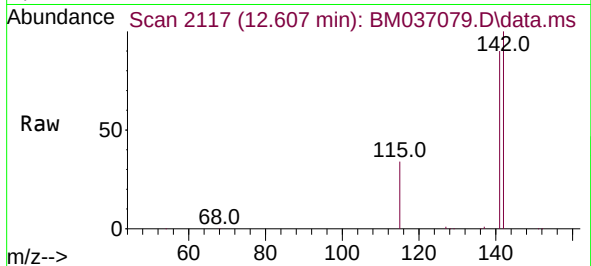
Tgt Ion:142 Resp: 551394
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 10.252 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

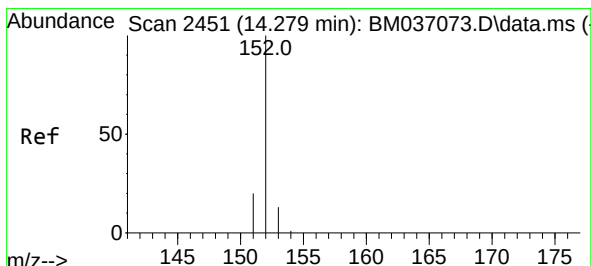
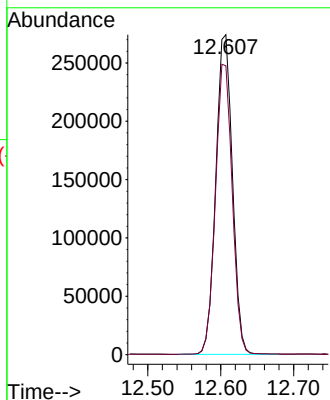
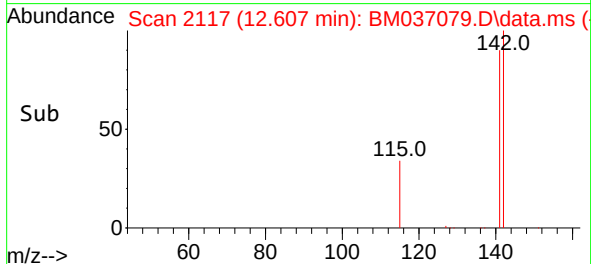
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 433538
Ion Ratio Lower Upper
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141 91.4 74.1 111.1

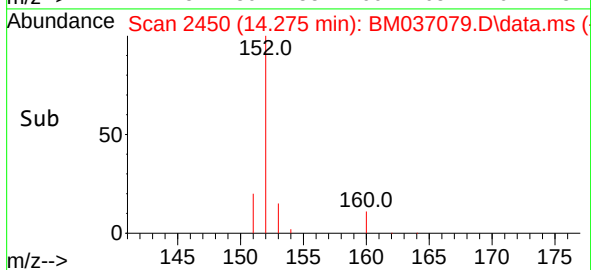
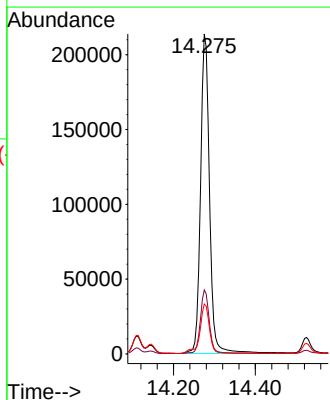
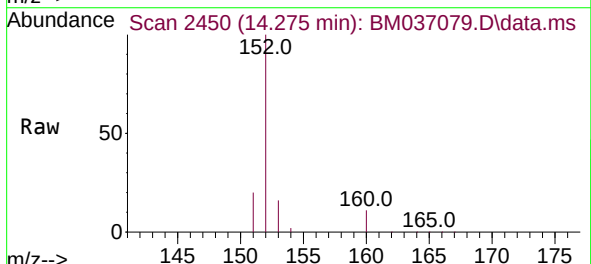
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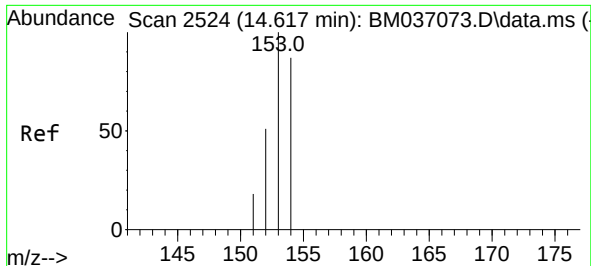
Reviewed By :Jagrut Upadhyay 10/17/2022
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#10
Acenaphthylene
Concen: 5.154 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

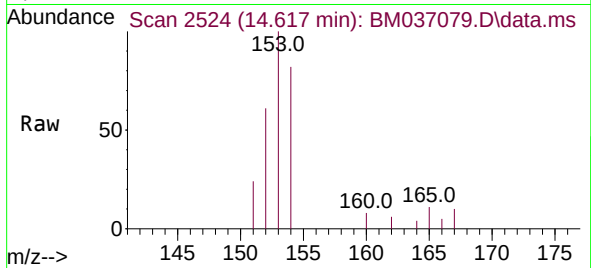
Tgt Ion:152 Resp: 326157
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 15.6 11.4 17.0





#11
Acenaphthene
Concen: 0.237 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

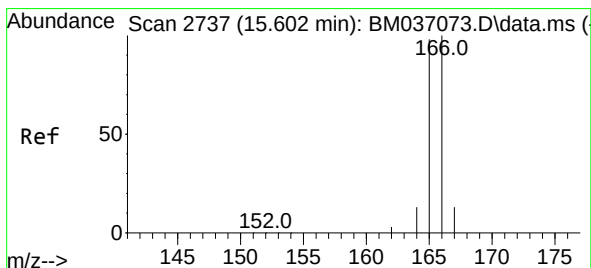
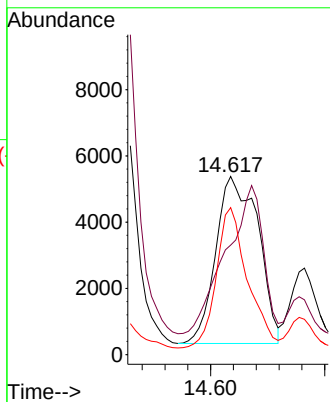
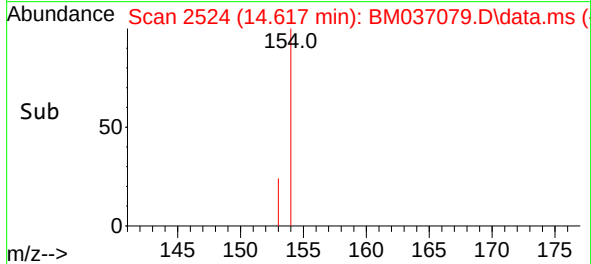
Instrument :
BNA_M
ClientSampleId :
C0BR9



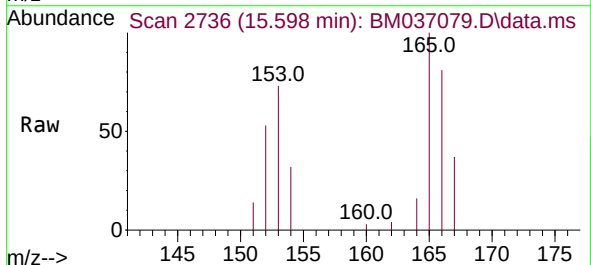
Tgt Ion:153 Resp: 13027
Ion Ratio Lower Upper
153 100
152 61.5 40.2 60.4#
154 82.5 69.7 104.5#

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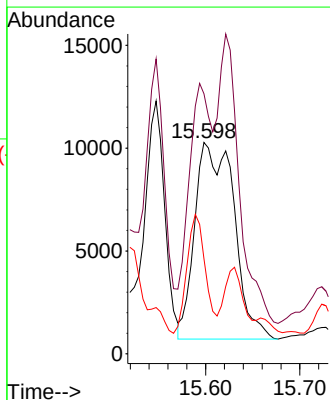
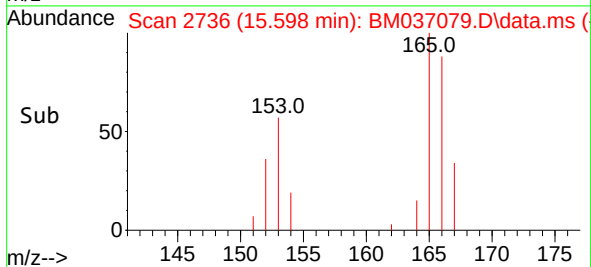
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

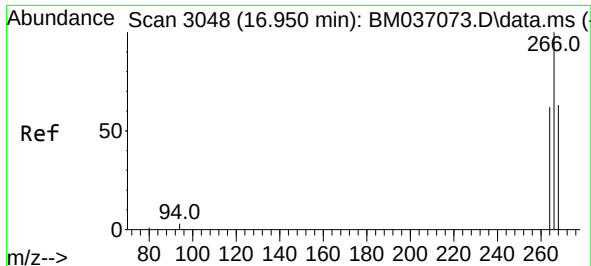


#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



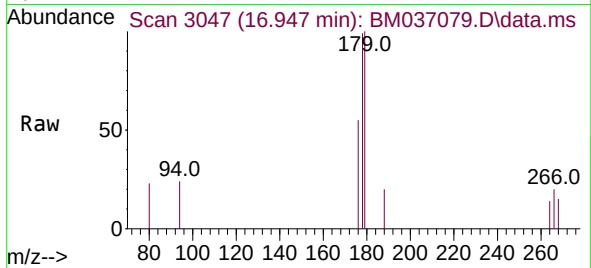
Tgt Ion:166 Resp: 27610
Ion Ratio Lower Upper
166 100
165 123.0 78.9 118.3#
167 45.0 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.078 ng/ul
RT: 16.947 min Scan# 3048
Delta R.T. -0.003 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

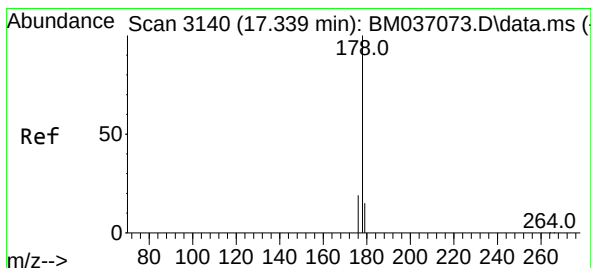
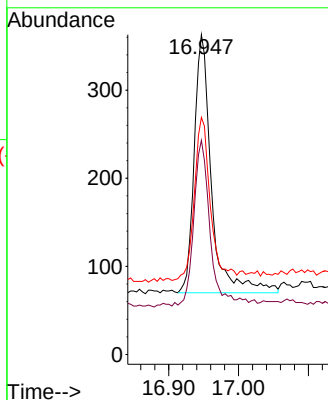
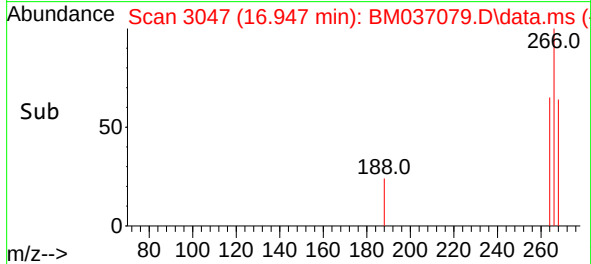
Instrument :
BNA_M
ClientSampleId :
C0BR9



Tgt Ion:266 Resp: 503
Ion Ratio Lower Upper
266 100
264 61.6 50.3 75.5
268 58.6 53.5 80.3

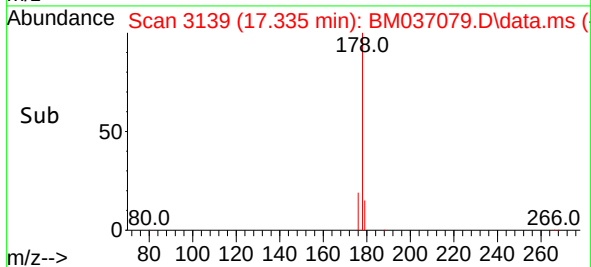
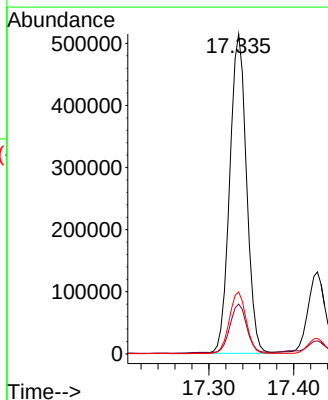
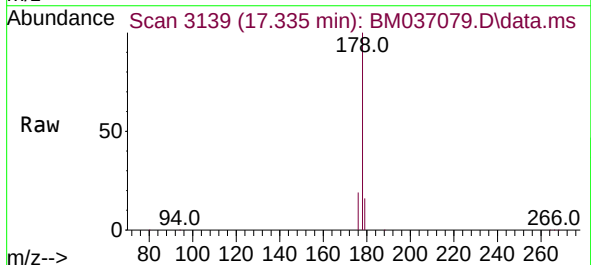
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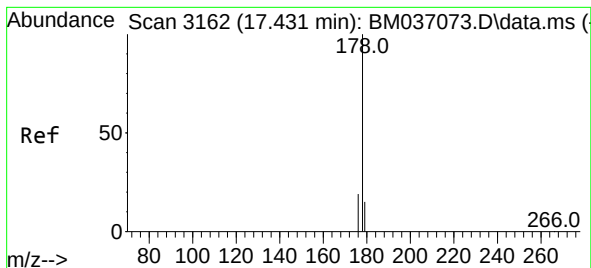
Reviewed By :Jagrut Upadhyay 10/17/2022
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#15
Phenanthrene
Concen: 8.285 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

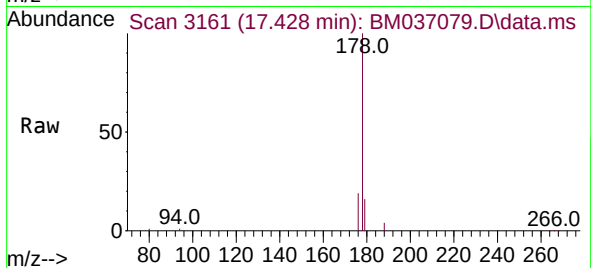
Tgt Ion:178 Resp: 706902
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 2.564 ng/ul
 RT: 17.428 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

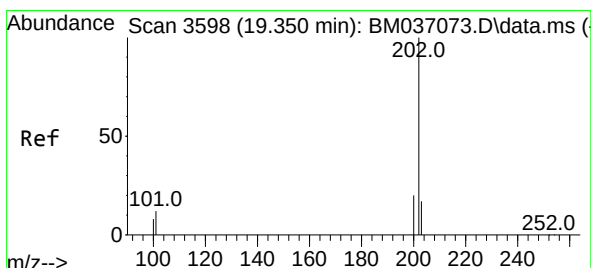
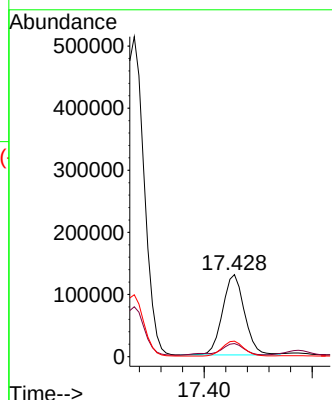
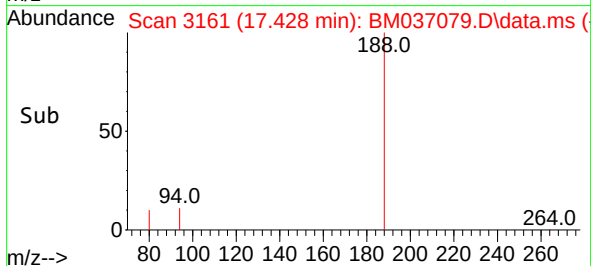
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 ClientSampleId :
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Tgt Ion:178 Resp: 182822
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.6 20.4
 176 18.8 15.6 23.4

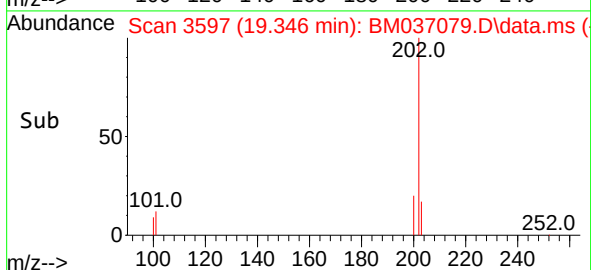
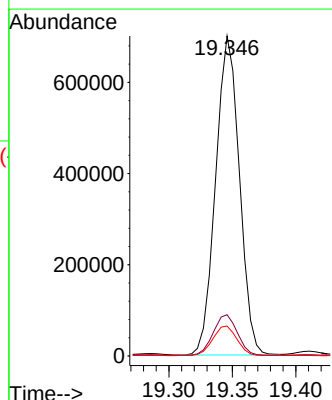
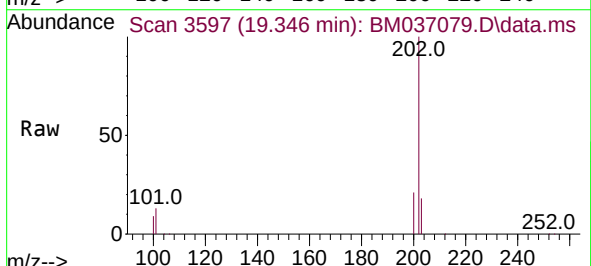
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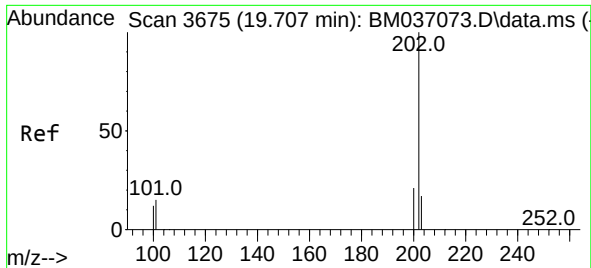
Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#19
 Fluoranthene
 Concen: 13.606 ng/ul
 RT: 19.346 min Scan# 3597
 Delta R.T. -0.004 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

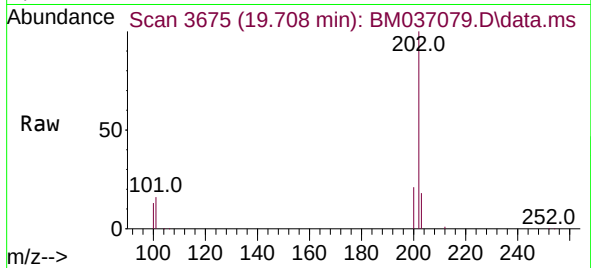
Tgt Ion:202 Resp: 913750
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.1 15.1
 100 9.3 7.9 11.9





#20
Pyrene
Concen: 17.788 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

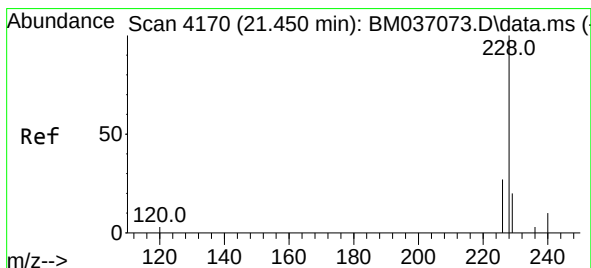
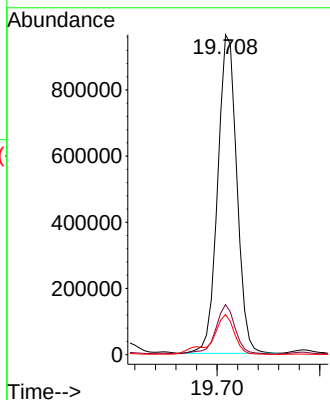
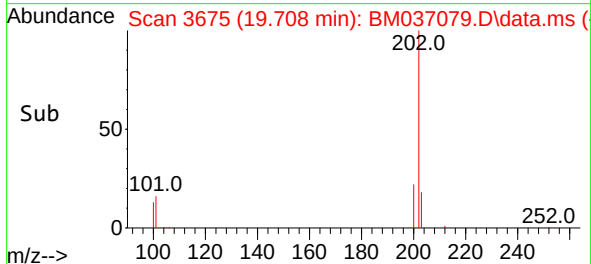
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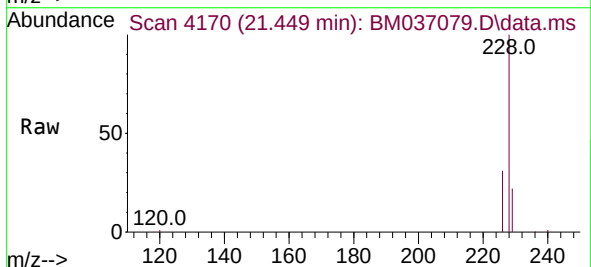
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Ion Ratio Lower Upper
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101 15.6 12.0 18.0
100 12.5 9.8 14.6

Manual Integrations
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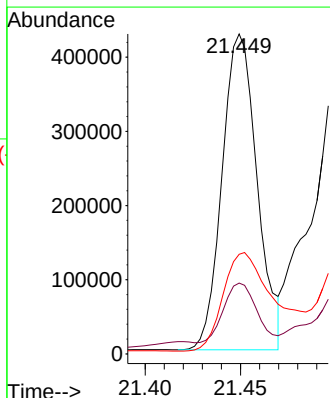
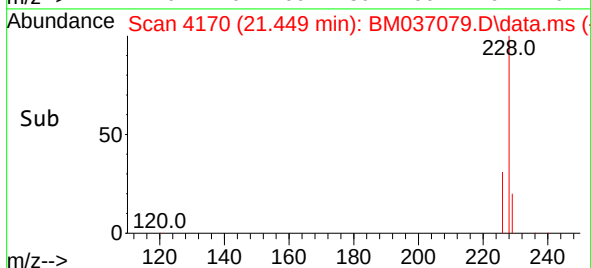
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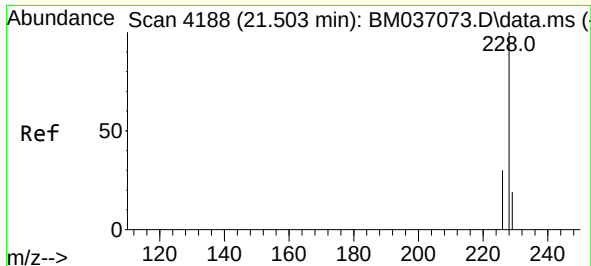


#21
Benzo(a)anthracene
Concen: 8.945 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



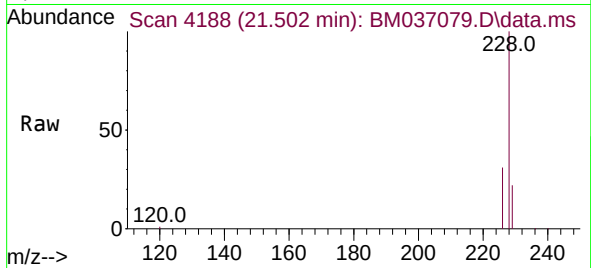
Tgt Ion:228 Resp: 545668
Ion Ratio Lower Upper
228 100
229 22.1 16.2 24.2
226 31.1 22.5 33.7





#22
Chrysene
Concen: 10.977 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

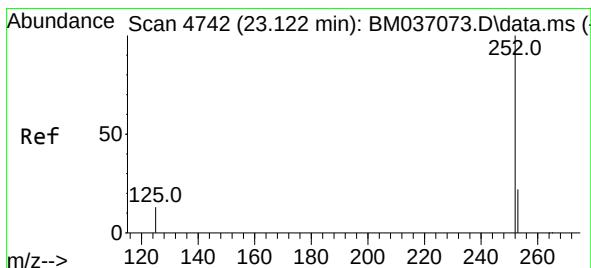
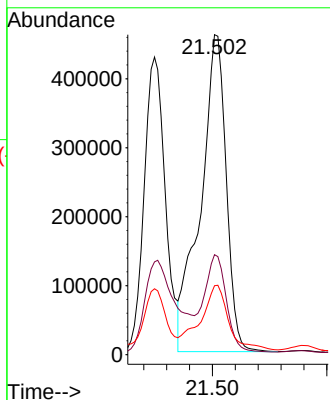
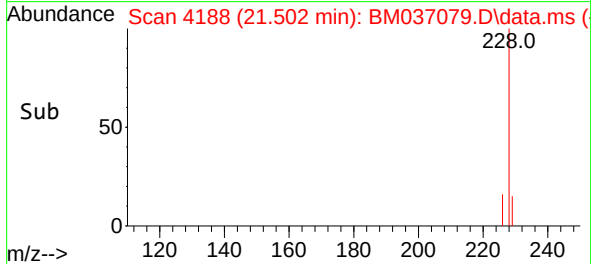
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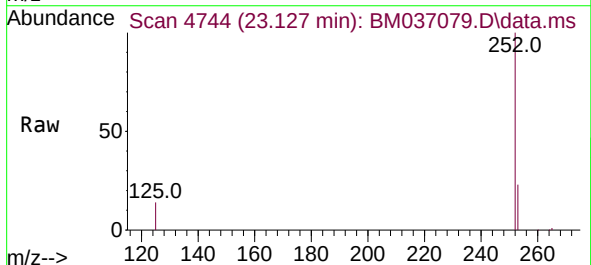
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Ion Ratio Lower Upper
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226 31.2 24.6 37.0
229 21.5 16.4 24.6

Manual Integrations
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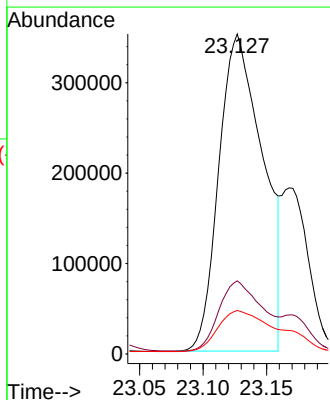
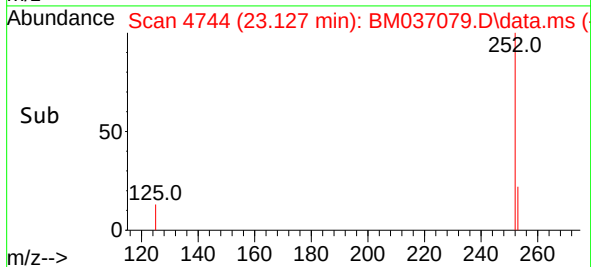
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

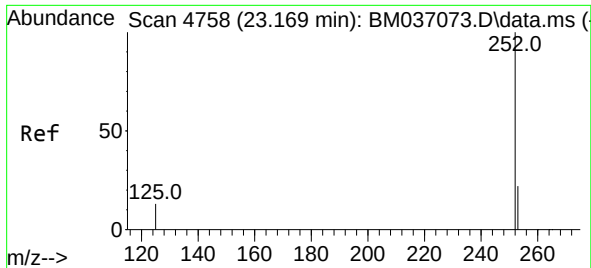


#24
Benzo(b)fluoranthene
Concen: 12.577 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. 0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



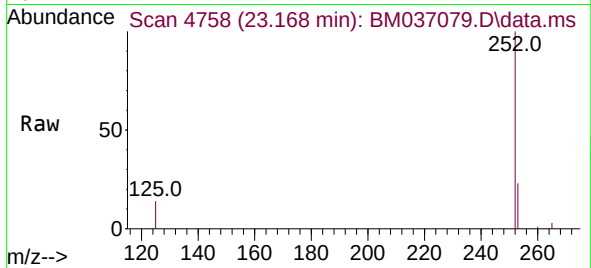
Tgt Ion:252 Resp: 843651
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.6 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 4.108 ng/ul m
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

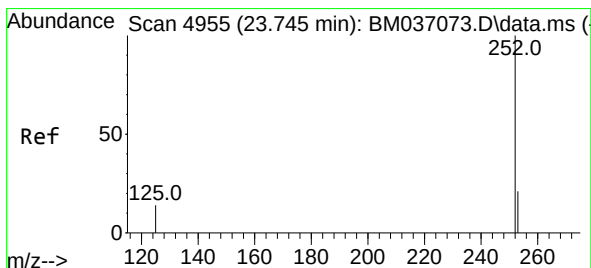
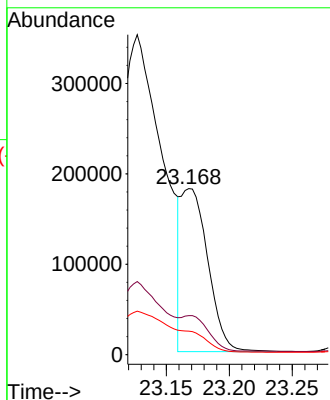
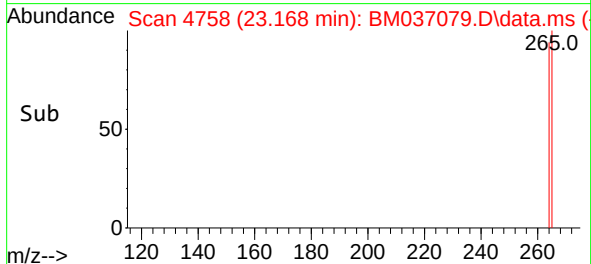
Instrument :
BNA_M
ClientSampleId :
C0BR9



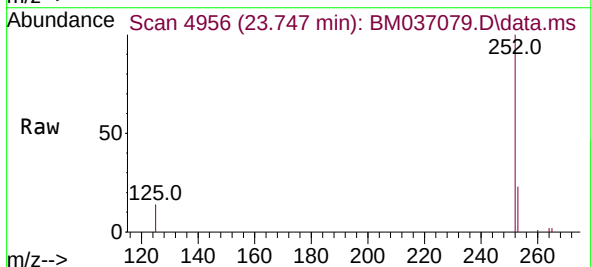
Tgt Ion:252 Resp: 268513
Ion Ratio Lower Upper
252 100
253 23.5 25.2 37.8#
125 14.1 18.3 27.5#

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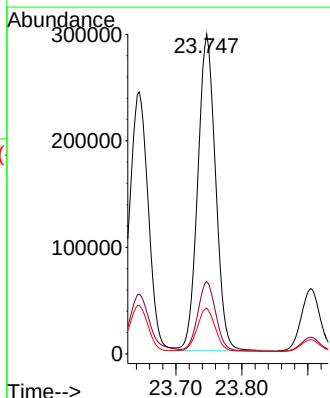
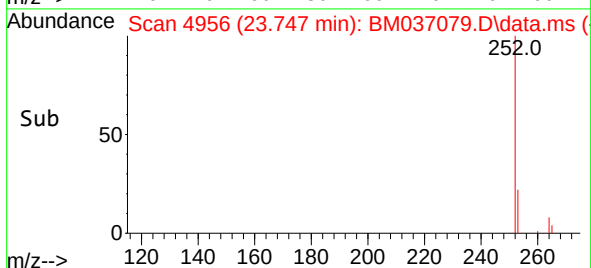
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

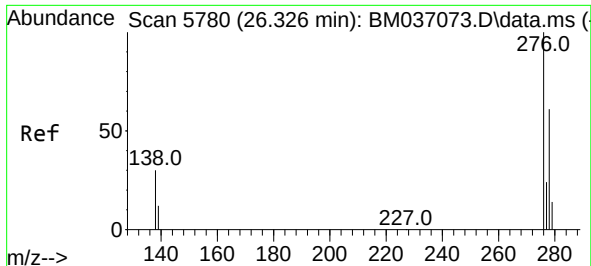


#26
Benzo(a)pyrene
Concen: 10.173 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. 0.002 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



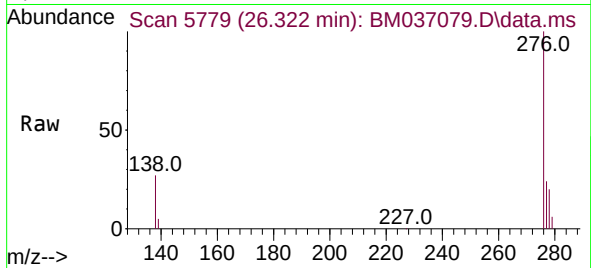
Tgt Ion:252 Resp: 553633
Ion Ratio Lower Upper
252 100
253 22.7 29.7 44.5#
125 14.3 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.205 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

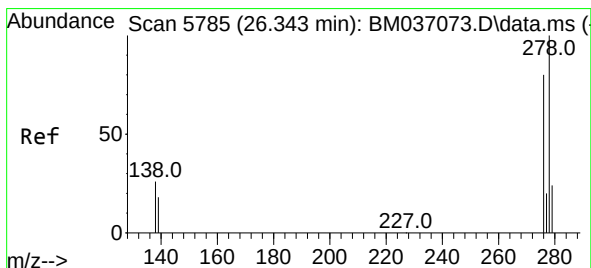
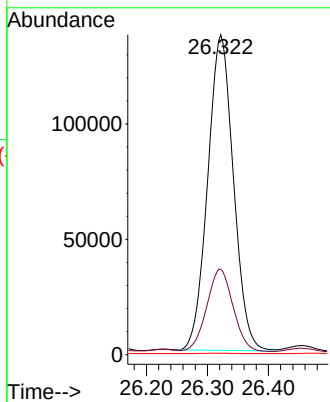
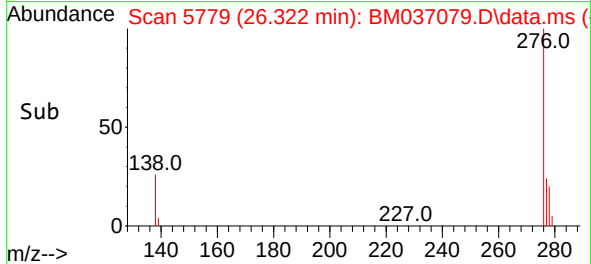
Instrument :
BNA_M
ClientSampleId :
C0BR9



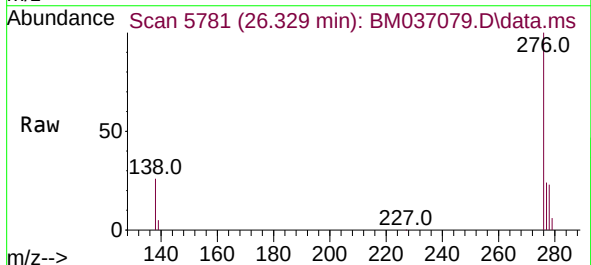
Tgt Ion:276 Resp: 401254
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.1 0.1 0.1

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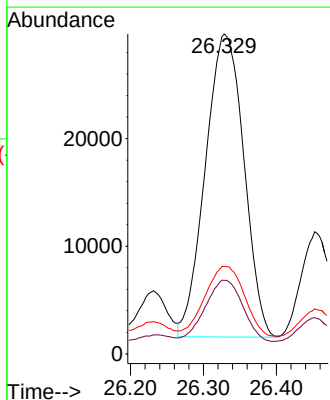
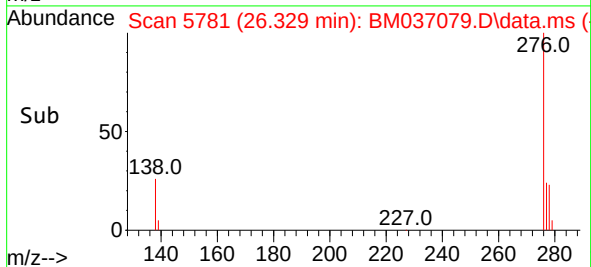
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

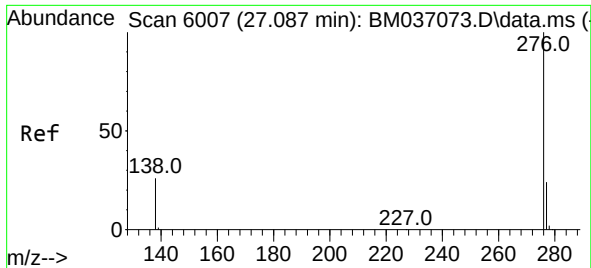


#28
Dibenzo(a,h)anthracene
Concen: 1.659 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.014 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52



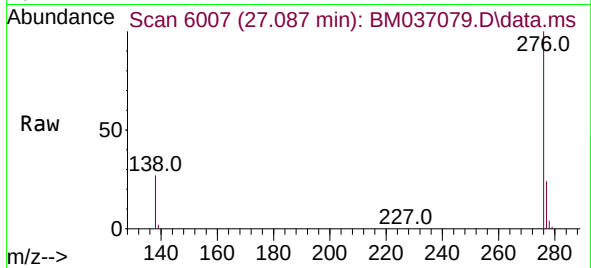
Tgt Ion:278 Resp: 103336
Ion Ratio Lower Upper
278 100
139 23.0 19.8 29.6
279 27.3 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 5.267 ng/ul
 RT: 27.087 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9



Tgt Ion:276 Resp: 357790
 Ion Ratio Lower Upper
 276 100
 138 27.4 23.4 35.0
 277 23.8 21.0 31.4

Manual Integrations
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 Supervised By :mohammad ahmed 10/18/2022

