

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037086.D
 Acq On : 15 Oct 2022 11:02
 Operator : CG/JU
 Sample : N5049-04DL 5X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG6DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:55:03 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	7.930	152	7621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	27073	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	14417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	27867	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	17054	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	14539	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	10375	0.965	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2807	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	5017	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	65961	0.852	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	50077	1.058	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	41727	0.868	ng/ul	99
10) Acenaphthylene	14.280	152	24778	0.414	ng/ul	97
11) Acenaphthene	14.618	153	4549	0.087	ng/ul	98
12) Fluorene	15.603	166	8091	0.137	ng/ul#	97
15) Phenanthrene	17.335	178	254898	2.865	ng/ul	99
16) Anthracene	17.428	178	53603	0.721	ng/ul	98
19) Fluoranthene	19.346	202	487292	7.184	ng/ul	99
20) Pyrene	19.708	202	384786	5.440	ng/ul	99
21) Benzo(a)anthracene	21.449	228	177952	2.888	ng/ul	100
22) Chrysene	21.502	228	203322m	3.073	ng/ul	
24) Benzo(b)fluoranthene	23.124	252	242439	3.733	ng/ul	85
25) Benzo(k)fluoranthene	23.168	252	72245m	1.142	ng/ul	
26) Benzo(a)pyrene	23.747	252	142904	2.712	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.319	276	115288	1.544	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.335	278	29786	0.494	ng/ul	92
29) Benzo(g,h,i)perylene	27.087	276	101425	1.542	ng/ul	96

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

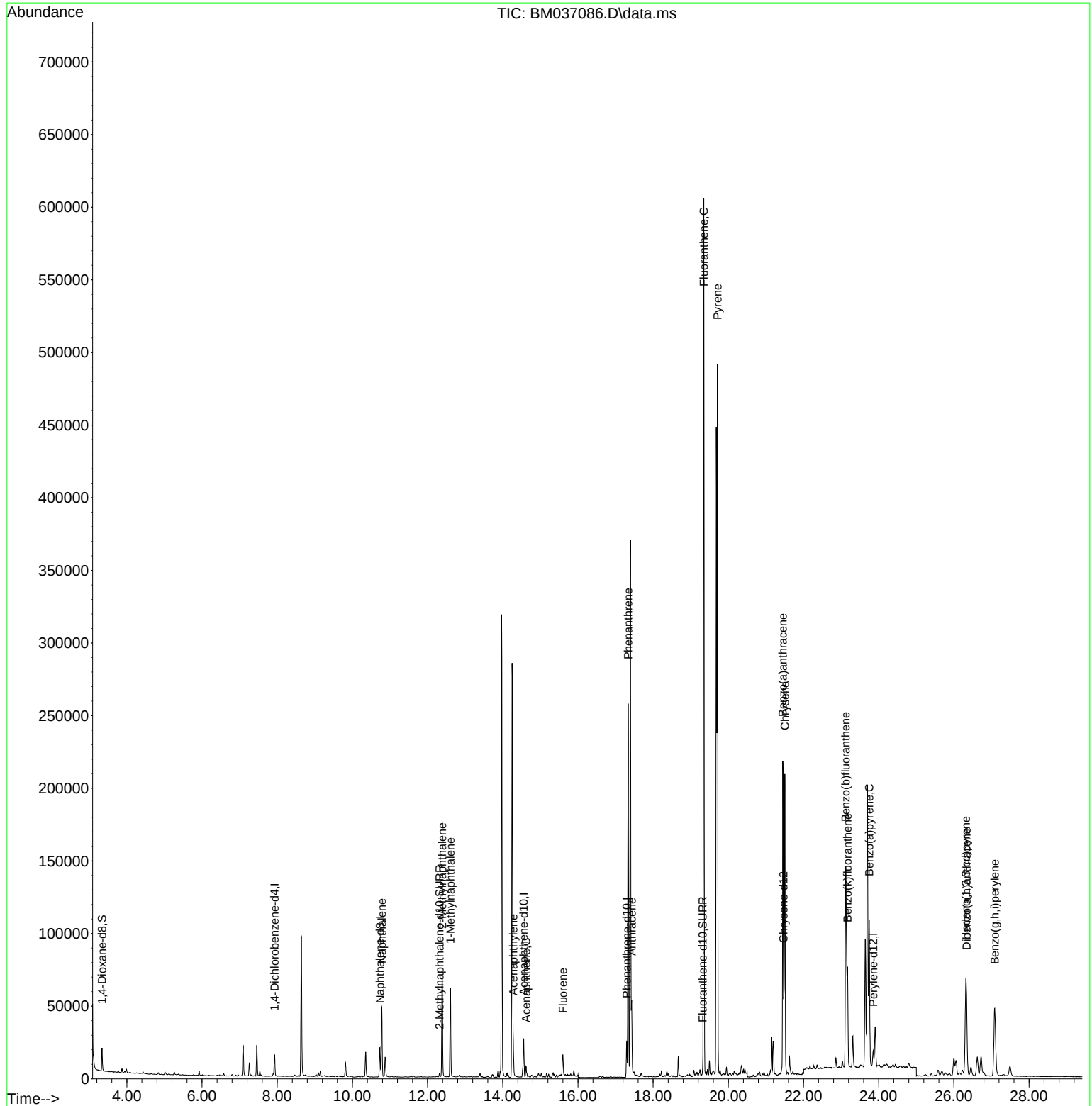
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
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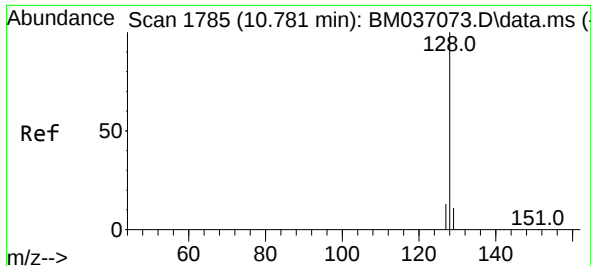
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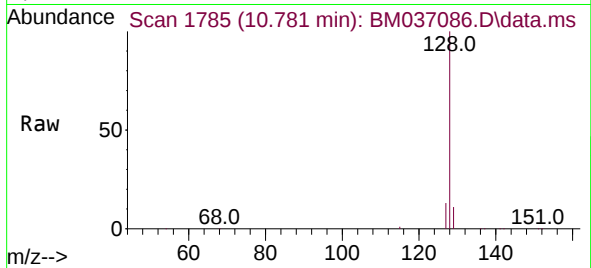
Quant Time: Oct 17 00:55:03 2022
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#5
Naphthalene
Concen: 0.852 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

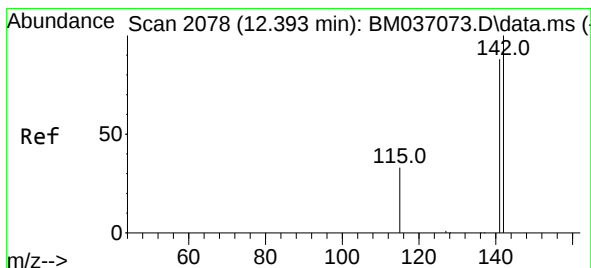
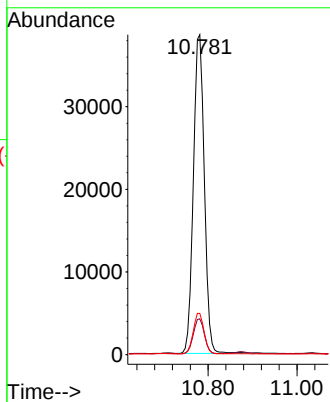
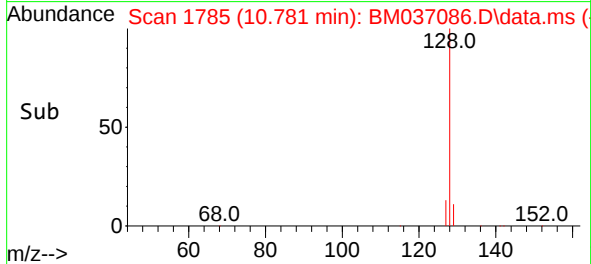
Instrument :
BNA_M
ClientSampleId :
C0BG6DL



Tgt Ion:128 Resp: 65963
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.9 11.7 17.5

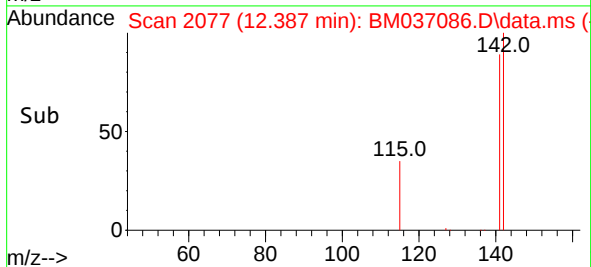
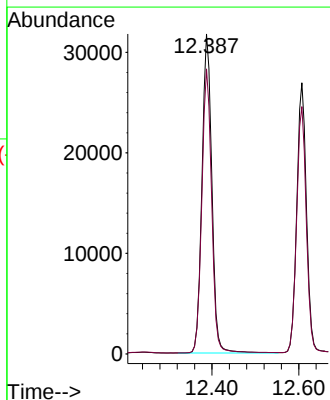
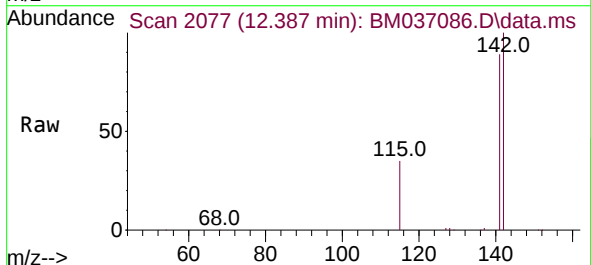
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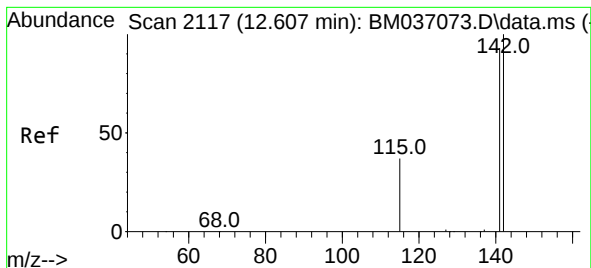
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 1.058 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:142 Resp: 50077
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.868 ng/ul

RT: 12.607 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BM037086.D

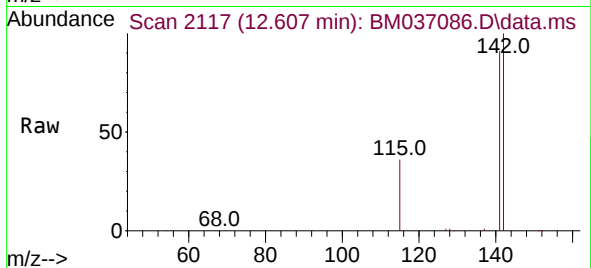
Acq: 15 Oct 2022 11:02

Instrument :

BNA_M

ClientSampleId :

C0BG6DL



Tgt Ion:142 Resp: 4172

Ion Ratio Lower Upper

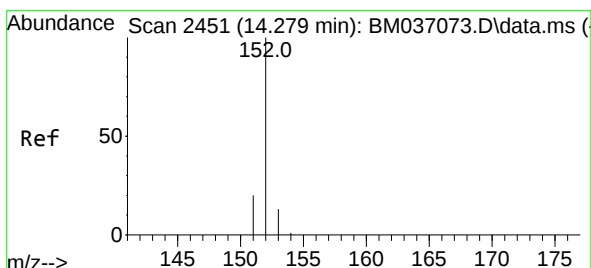
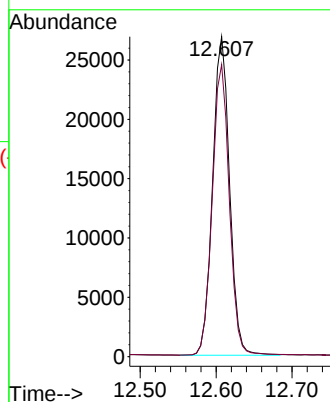
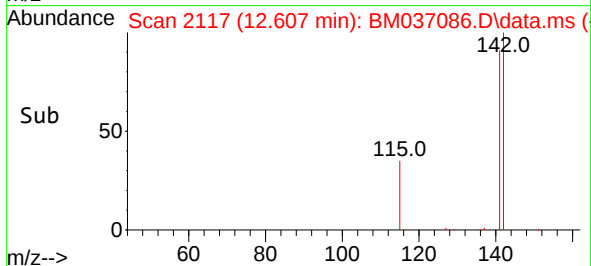
142 100

141 91.4 74.1 111.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.414 ng/ul

RT: 14.280 min Scan# 2451

Delta R.T. 0.001 min

Lab File: BM037086.D

Acq: 15 Oct 2022 11:02

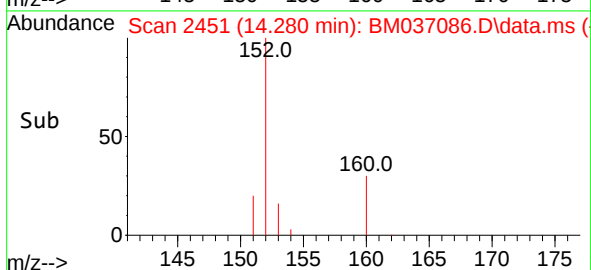
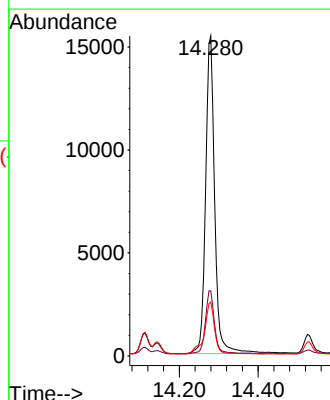
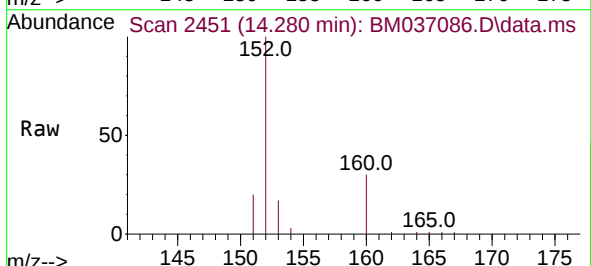
Tgt Ion:152 Resp: 24778

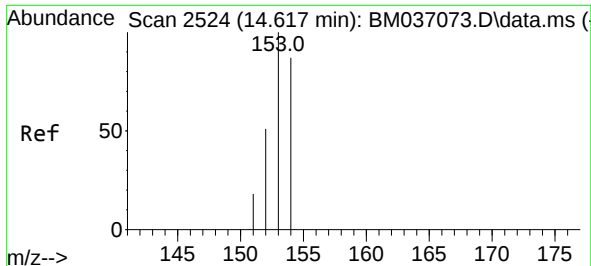
Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

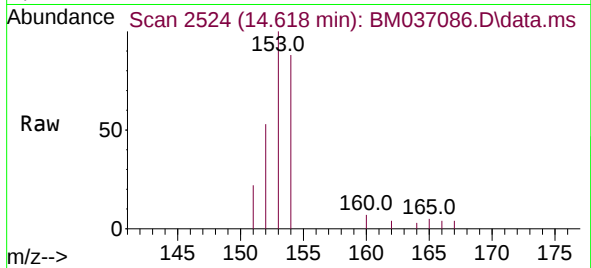
153 16.8 11.4 17.0





#11
Acenaphthene
Concen: 0.087 ng/uI
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

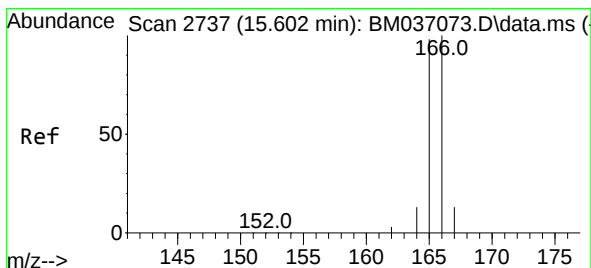
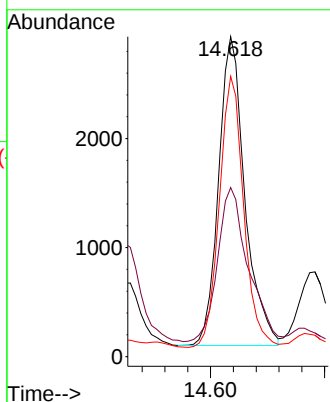
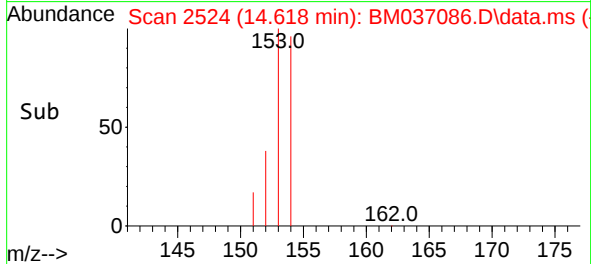
Instrument :
BNA_M
ClientSampleId :
C0BG6DL



Tgt Ion:153 Resp: 4549
Ion Ratio Lower Upper
153 100
152 52.8 40.2 60.4
154 87.6 69.7 104.5

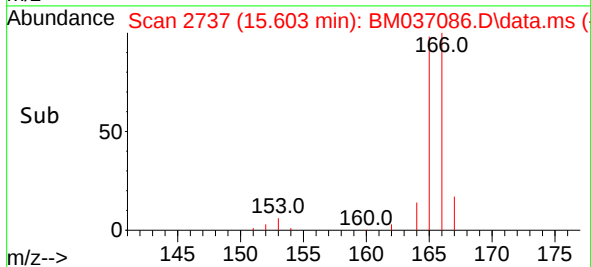
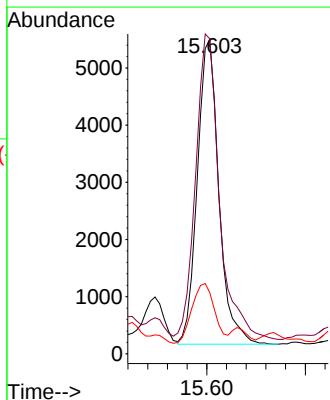
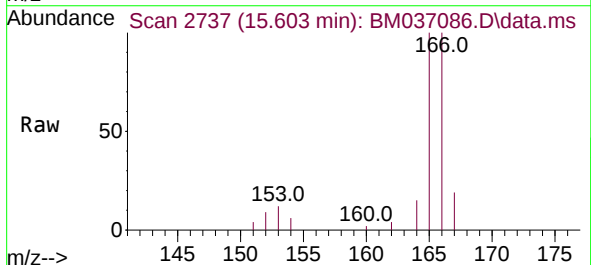
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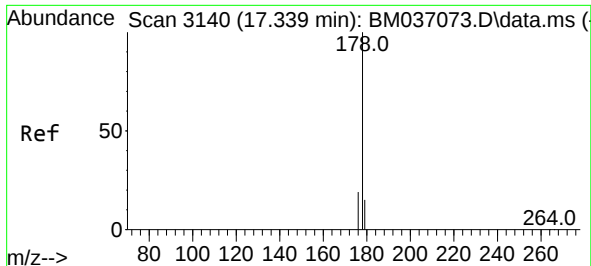
Reviewed By :Jagrut Upadhyay 10/17/2022
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#12
Fluorene
Concen: 0.137 ng/uI
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

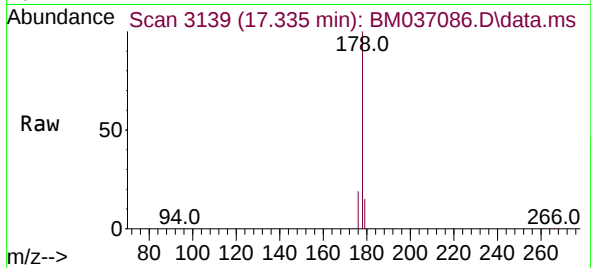
Tgt Ion:166 Resp: 8091
Ion Ratio Lower Upper
166 100
165 100.2 78.9 118.3
167 19.5 11.3 16.9#





#15
Phenanthrene
Concen: 2.865 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

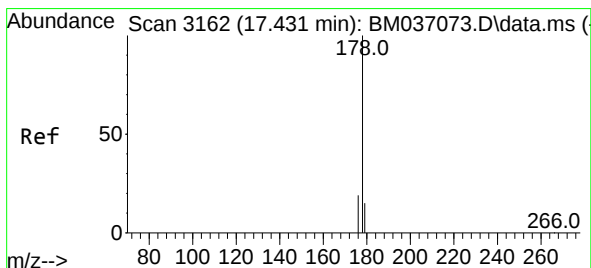
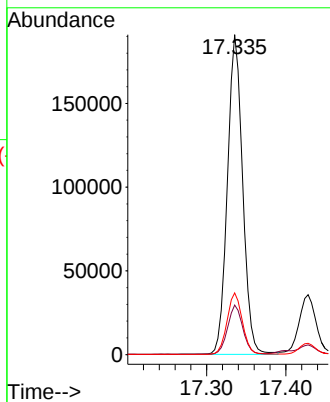
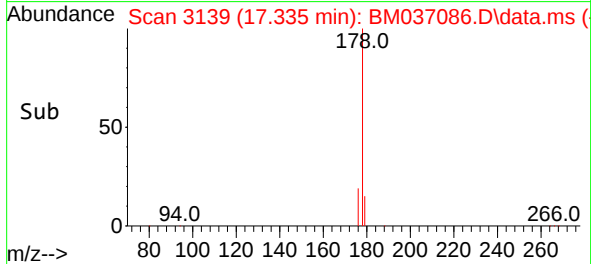
Instrument :
BNA_M
ClientSampleId :
C0BG6DL



Tgt Ion:178 Resp: 254898
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 15.6 23.4

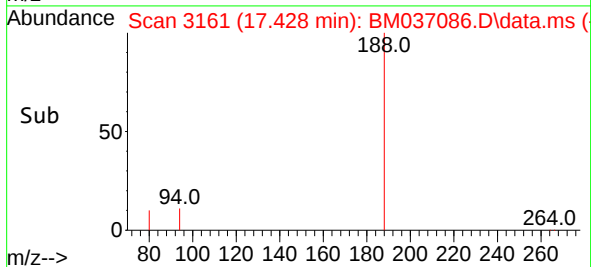
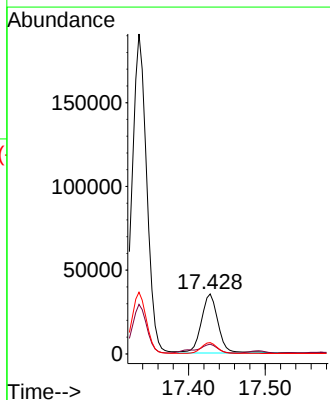
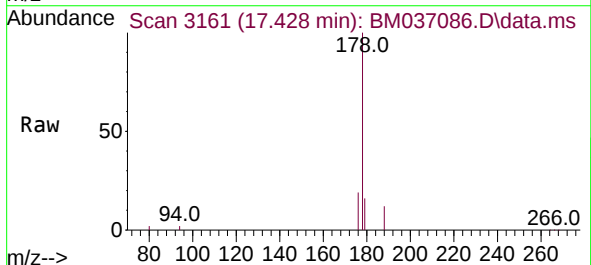
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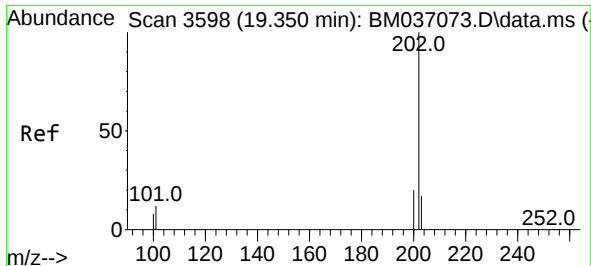
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
Anthracene
Concen: 0.721 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

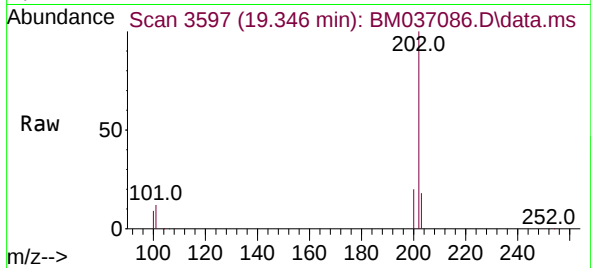
Tgt Ion:178 Resp: 53603
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 7.184 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

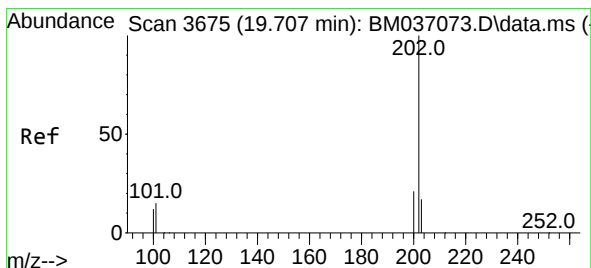
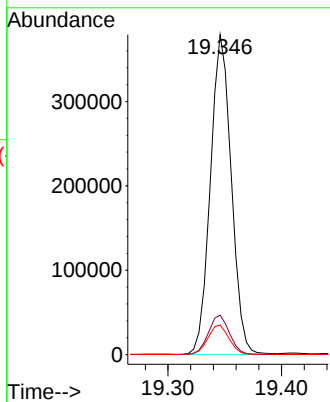
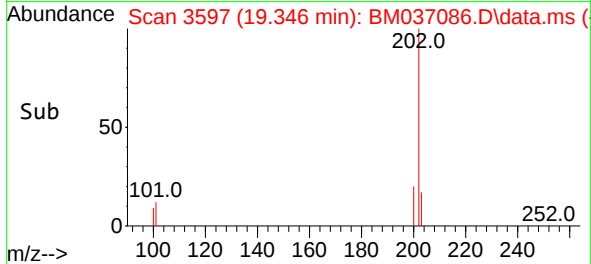
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 487292
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.2 7.9 11.9

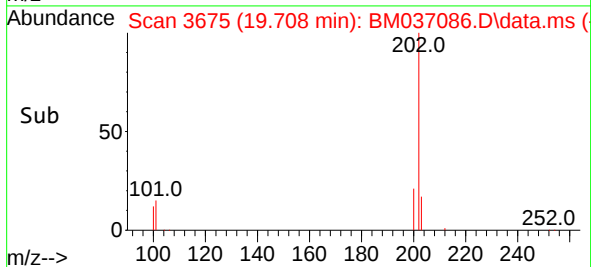
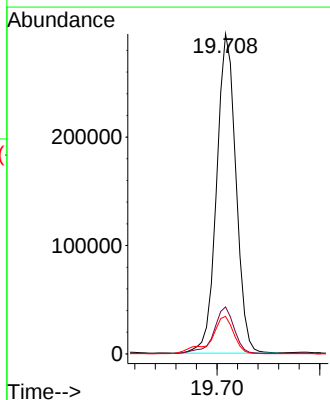
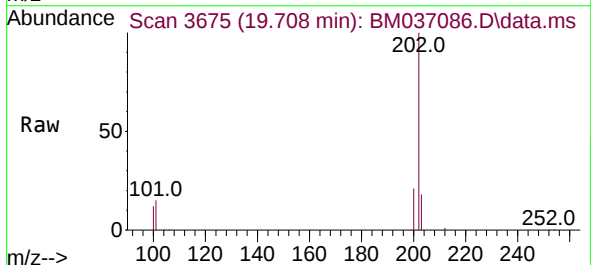
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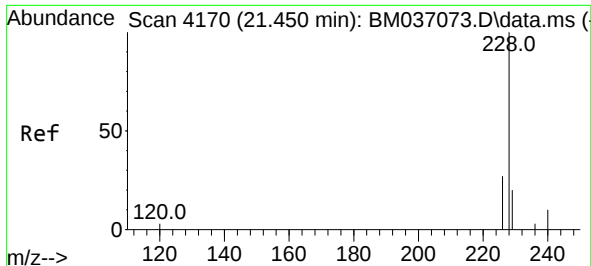
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 5.440 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

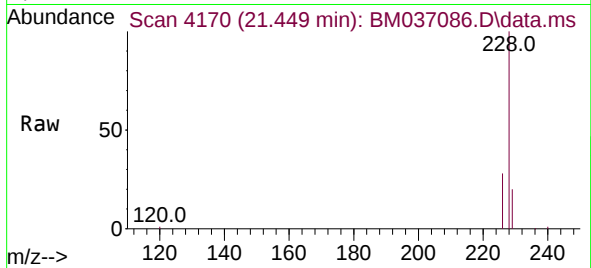
Tgt Ion:202 Resp: 384786
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.888 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

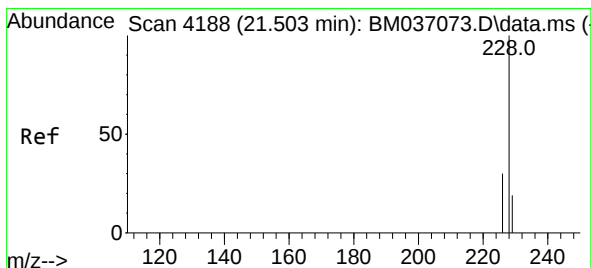
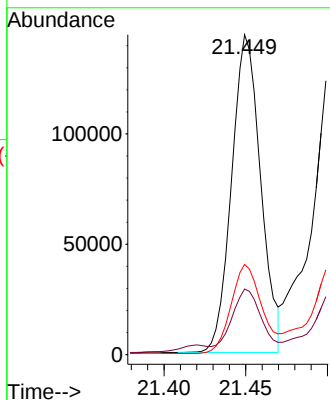
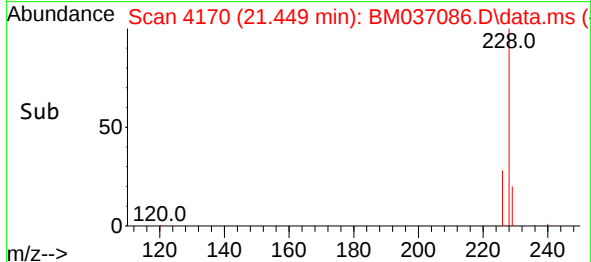
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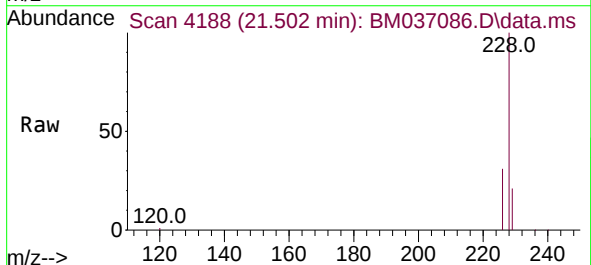
Tgt Ion:228 Resp: 177952
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.2 22.5 33.7

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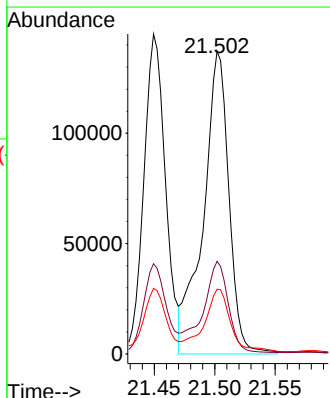
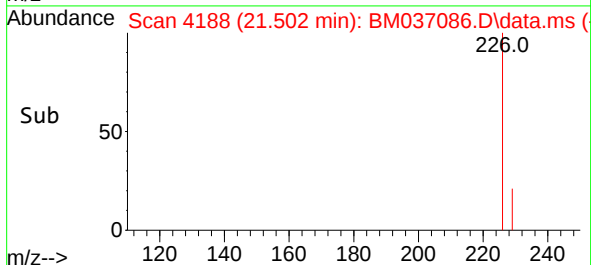
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

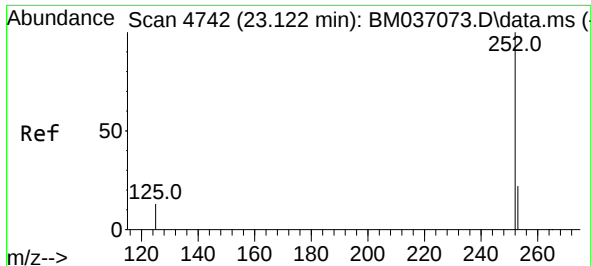


#22
Chrysene
Concen: 3.073 ng/ul m
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02



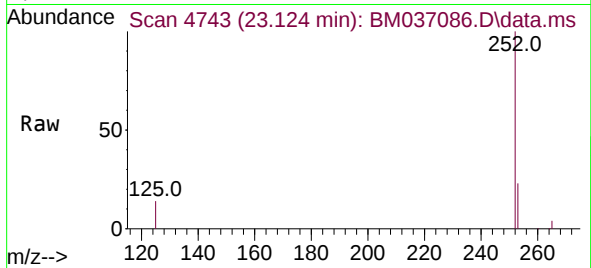
Tgt Ion:228 Resp: 203322
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.733 ng/ul
RT: 23.124 min Scan# 4742
Delta R.T. 0.002 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

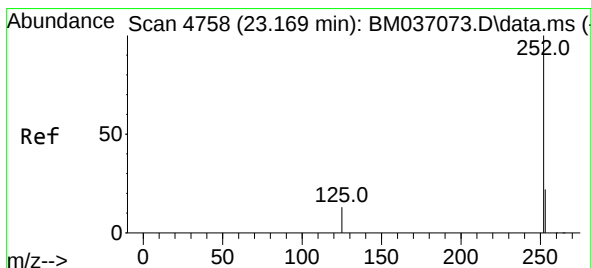
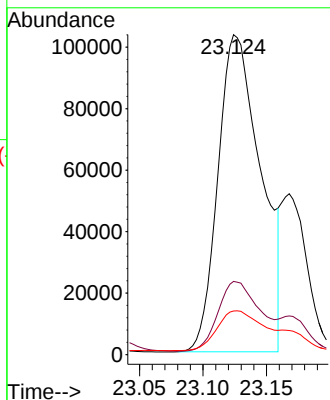
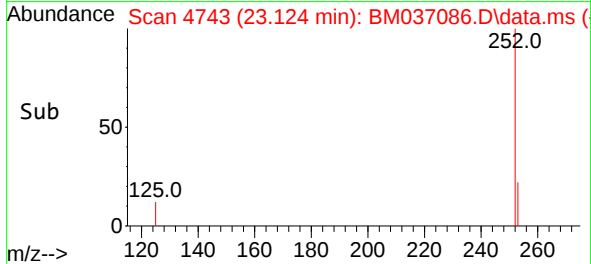
Instrument :
BNA_M
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C0BG6DL



Tgt Ion:252 Resp: 242439
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.4
125 13.6 0.0 42.6

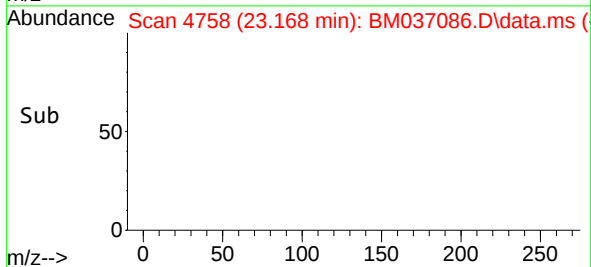
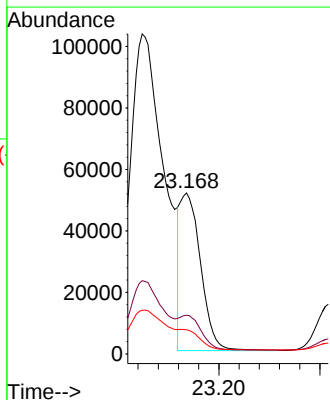
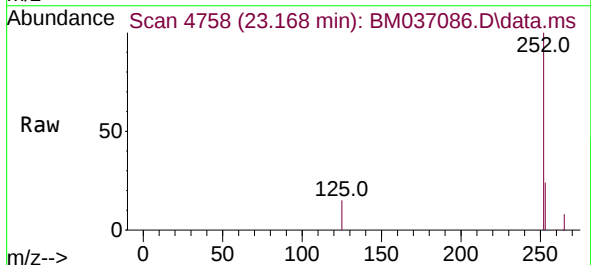
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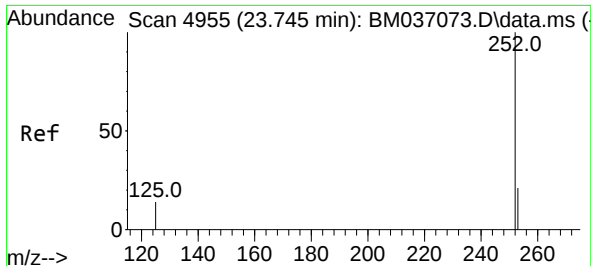
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 1.142 ng/ul m
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

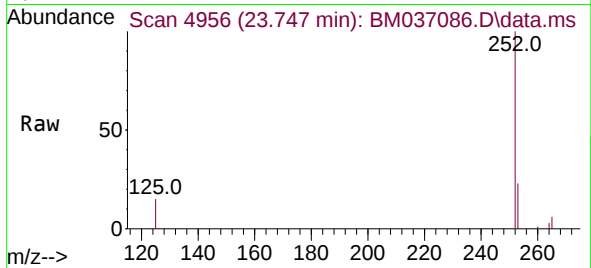
Tgt Ion:252 Resp: 72245
Ion Ratio Lower Upper
252 100
253 24.0 25.2 37.8#
125 15.0 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 2.712 ng/ul
RT: 23.747 min Scan# 4955
Delta R.T. 0.002 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

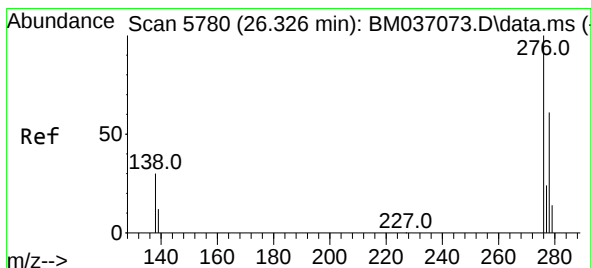
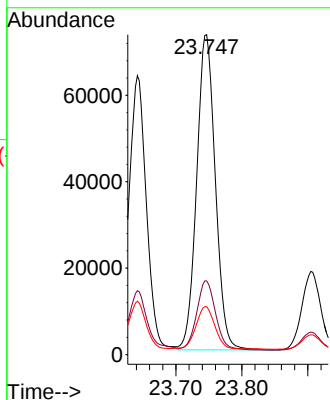
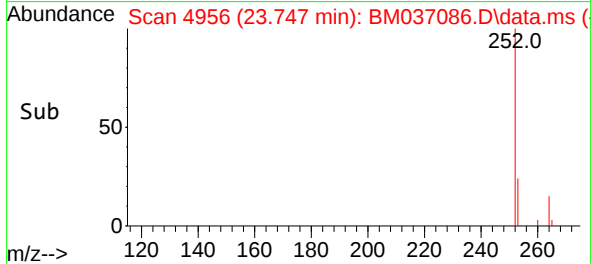
Instrument :
BNA_M
ClientSampleId :
C0BG6DL



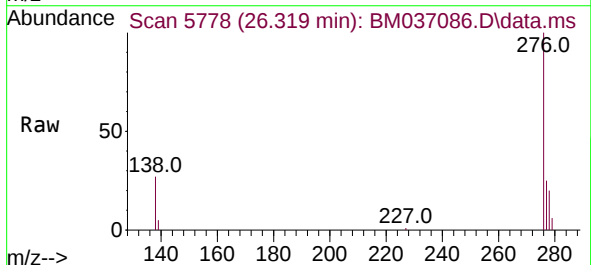
Tgt Ion:252 Resp: 142904
Ion Ratio Lower Upper
252 100
253 23.0 29.7 44.5
125 15.0 23.6 35.4

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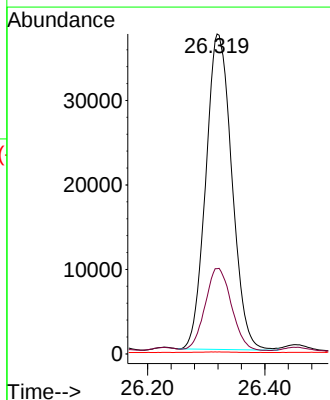
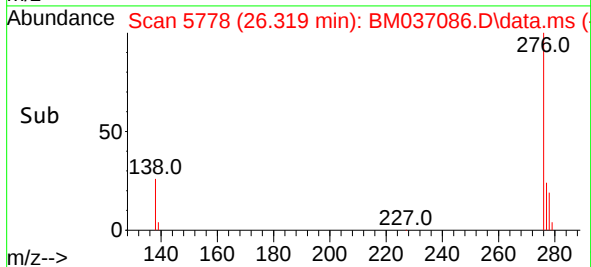
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

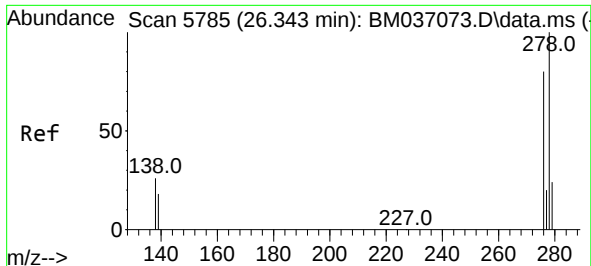


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.544 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.008 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02



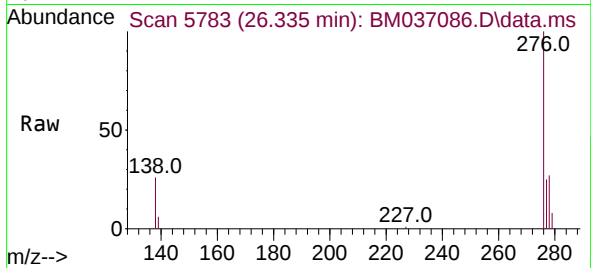
Tgt Ion:276 Resp: 115288
Ion Ratio Lower Upper
276 100
138 26.5 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.494 ng/ul
RT: 26.335 min Scan# 5785
Delta R.T. -0.008 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

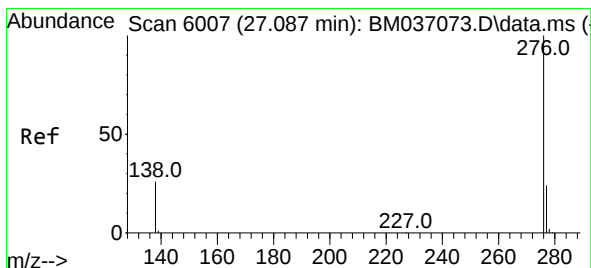
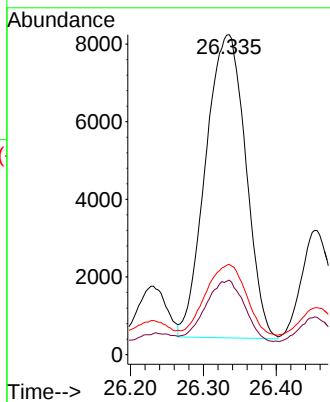
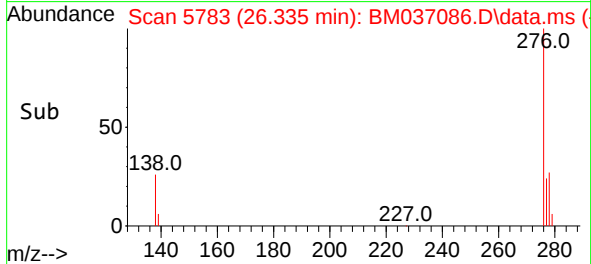
Instrument :
BNA_M
ClientSampleId :
C0BG6DL



Tgt Ion:278 Resp: 29786
Ion Ratio Lower Upper
278 100
139 23.3 19.8 29.6
279 28.2 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.542 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:276 Resp: 101425
Ion Ratio Lower Upper
276 100
138 27.0 23.4 35.0
277 24.3 21.0 31.4

