

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037080.D
 Acq On : 15 Oct 2022 07:26
 Operator : CG/JU
 Sample : N5049-14
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS0

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:53:59 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	6778	0.400	ng/u1	0.00
4) Naphthalene-d8	10.726	136	23284	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.553	164	13156	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.293	188	26098	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.470	240	19805	0.400	ng/u1	# 0.00
23) Perylene-d12	23.861	264	29812	0.400	ng/u1	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	35090	3.671	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.310	152	9889	0.281	ng/u1	0.00
18) Fluoranthene-d10	19.318	212	17431	0.294	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	90232	1.356	ng/u1	96
7) 2-Methylnaphthalene	12.387	142	55453	1.362	ng/u1	92
8) 1-Methylnaphthalene	12.607	142	40166	0.971	ng/u1	99
10) Acenaphthylene	14.275	152	490276	8.966	ng/u1	98
11) Acenaphthene	14.618	153	15146	0.319	ng/u1	97
12) Fluorene	15.603	166	24395	0.454	ng/u1	99
14) Pentachlorophenol	16.947	266	731	0.116	ng/u1	97
15) Phenanthrene	17.335	178	219860	2.639	ng/u1	99
16) Anthracene	17.428	178	939773	13.498	ng/u1	97
19) Fluoranthene	19.346	202	1542170	19.577	ng/u1	98
20) Pyrene	19.713	202	1998191	24.324	ng/u1	98
21) Benzo(a)anthracene	21.452	228	1419482	19.837	ng/u1	96
22) Chrysene	21.508	228	2174560	28.305	ng/u1	98
24) Benzo(b)fluoranthene	23.139	252	4394702	32.998	ng/u1	86
25) Benzo(k)fluoranthene	23.180	252	1412988m	10.888	ng/u1	
26) Benzo(a)pyrene	23.761	252	2499334	23.130	ng/u1#	75
27) Indeno(1,2,3-cd)pyrene	26.359	276	3068201	20.045	ng/u1#	96
28) Dibenzo(a,h)anthracene	26.362	278	811910m	6.564	ng/u1	
29) Benzo(g,h,i)perylene	27.130	276	2661021	19.728	ng/u1	97

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

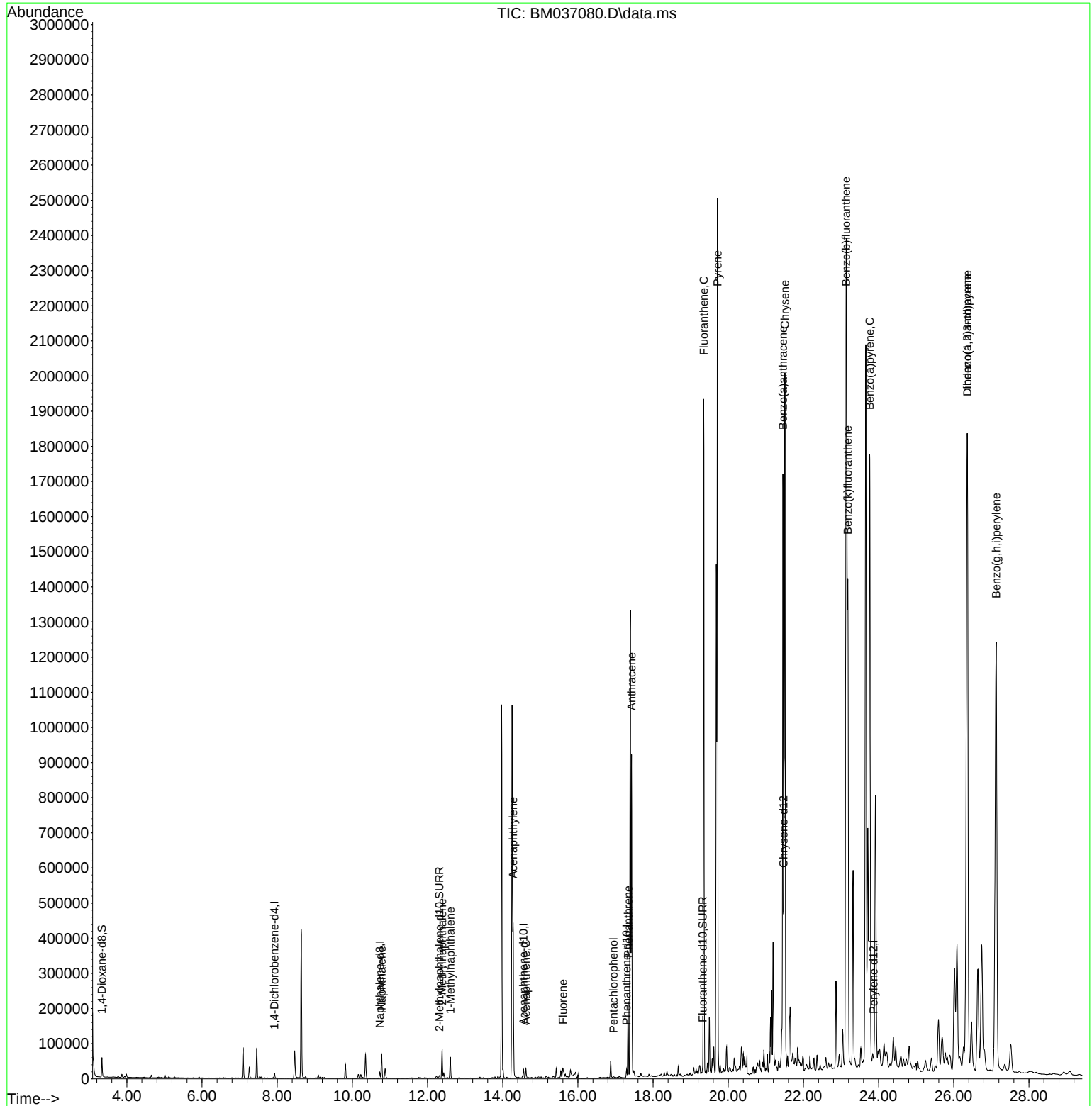
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037080.D
Acq On : 15 Oct 2022 07:26
Operator : CG/JU
Sample : N5049-14
Misc :
ALS Vial : 77 Sample Multiplier: 1

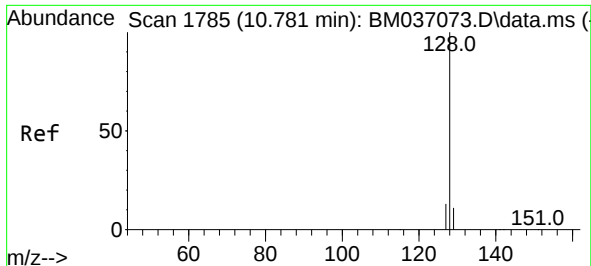
Instrument :
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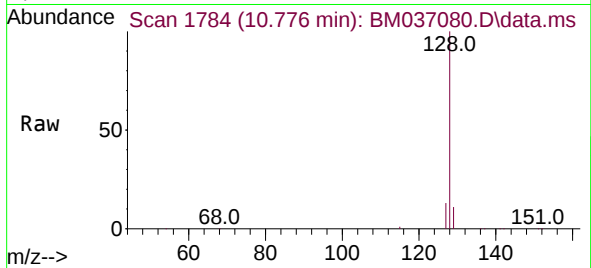
Quant Time: Oct 17 00:53:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.356 ng/ul
RT: 10.776 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

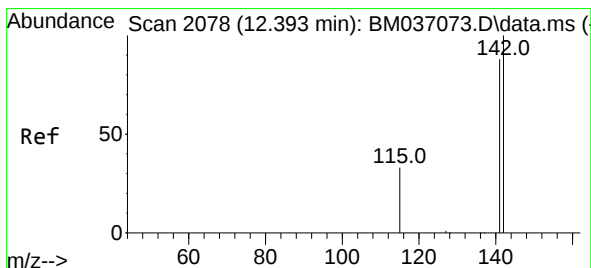
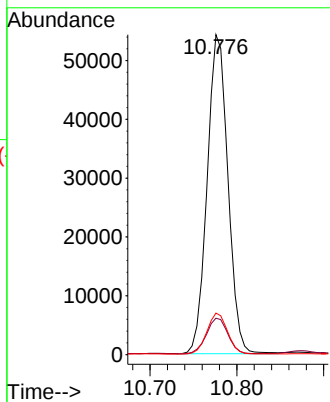
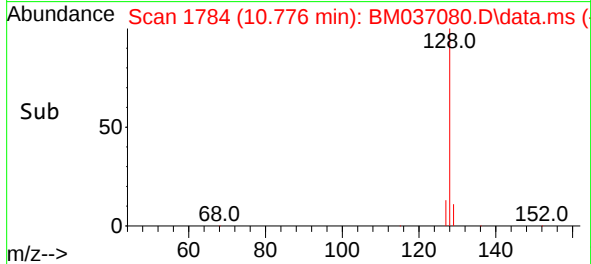
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:128 Resp: 90232
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.0 11.7 17.5

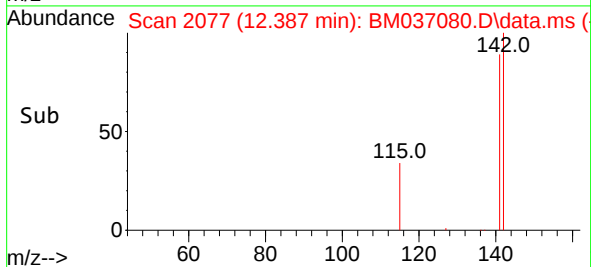
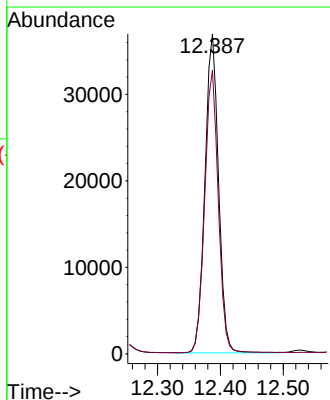
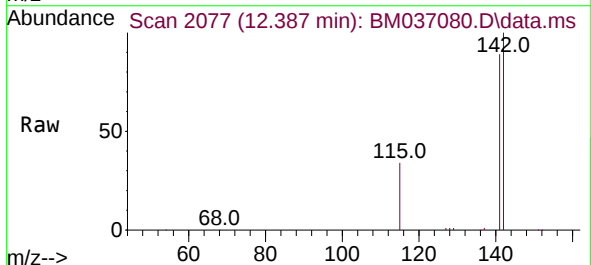
Manual Integrations
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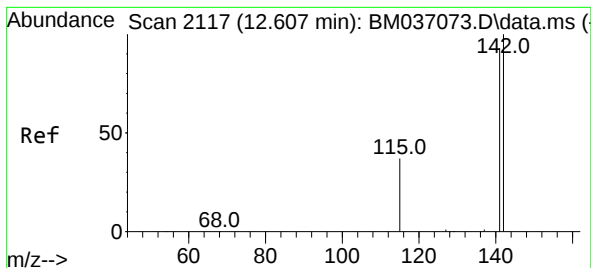
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 1.362 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

Tgt Ion:142 Resp: 55453
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.971 ng/ul

RT: 12.607 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BM037080.D

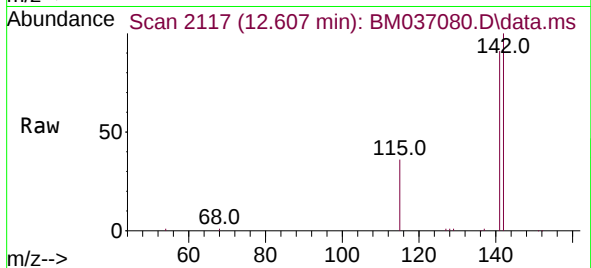
Acq: 15 Oct 2022 07:26

Instrument :

BNA_M

ClientSampleId :

C0BS0



Tgt Ion:142 Resp: 40166

Ion Ratio Lower Upper

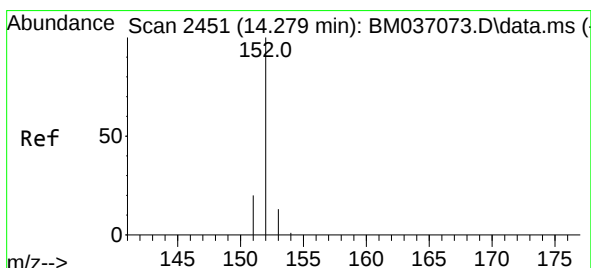
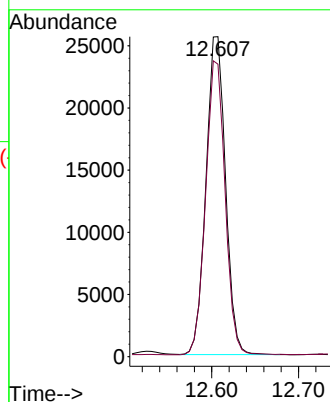
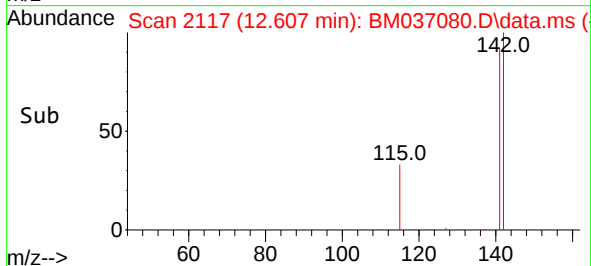
142 100

141 91.9 74.1 111.1

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2022



#10

Acenaphthylene

Concen: 8.966 ng/ul

RT: 14.275 min Scan# 2450

Delta R.T. -0.004 min

Lab File: BM037080.D

Acq: 15 Oct 2022 07:26

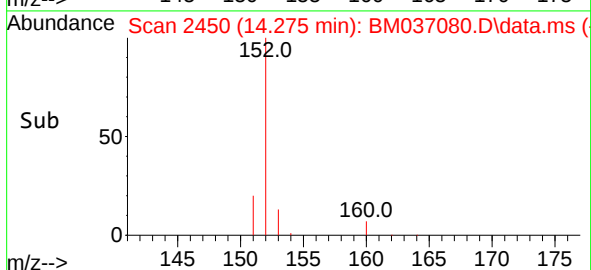
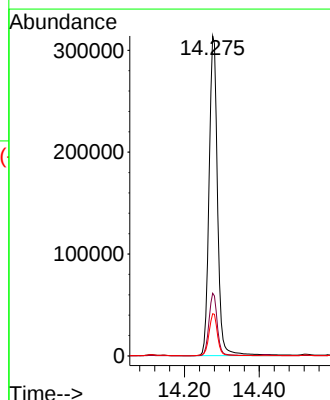
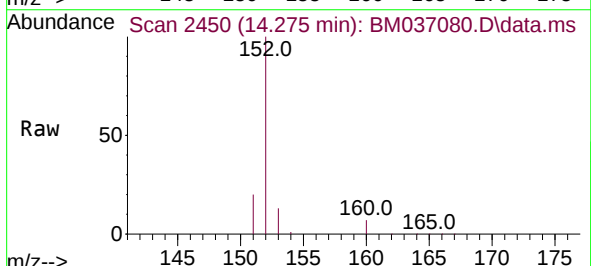
Tgt Ion:152 Resp: 490276

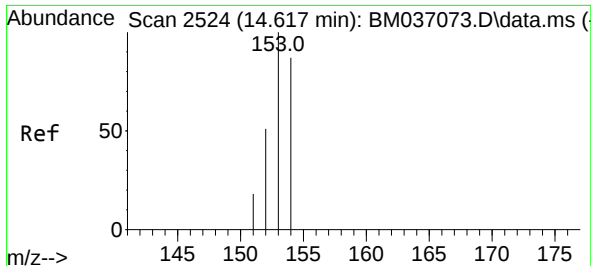
Ion Ratio Lower Upper

152 100

151 19.6 16.6 24.8

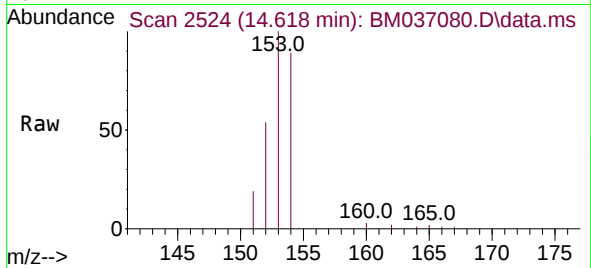
153 13.2 11.4 17.0





#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

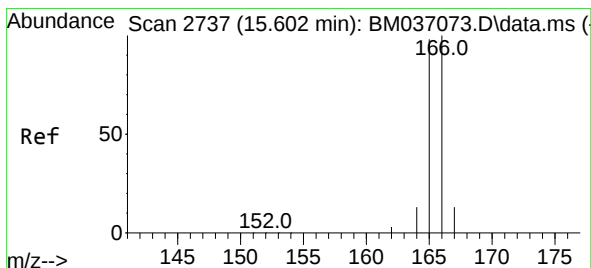
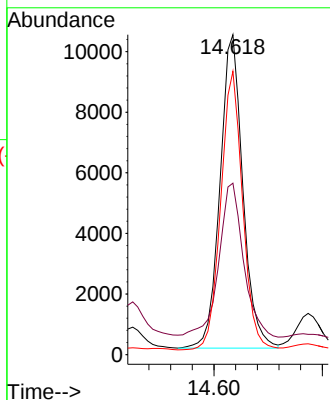
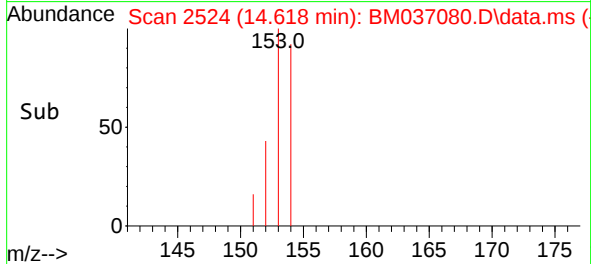
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:153 Resp: 15146
Ion Ratio Lower Upper
153 100
152 53.6 40.2 60.4
154 88.5 69.7 104.5

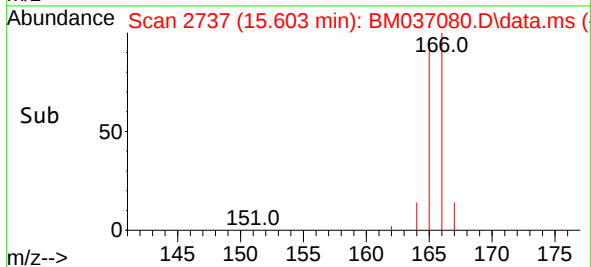
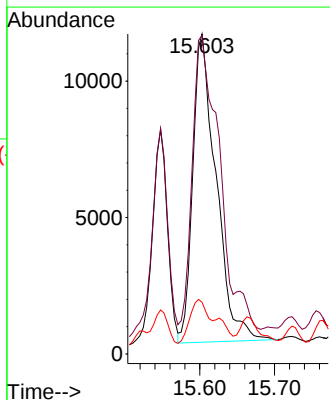
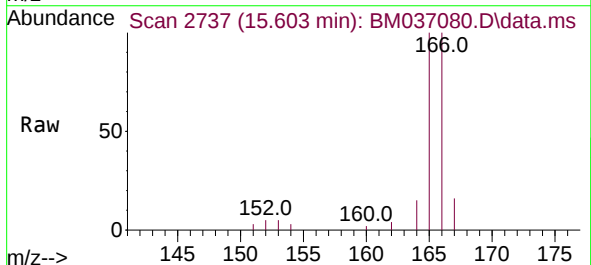
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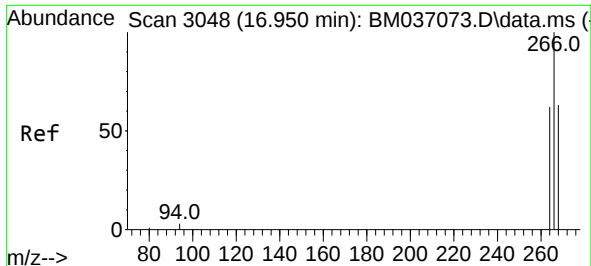
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
Fluorene
Concen: 0.454 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

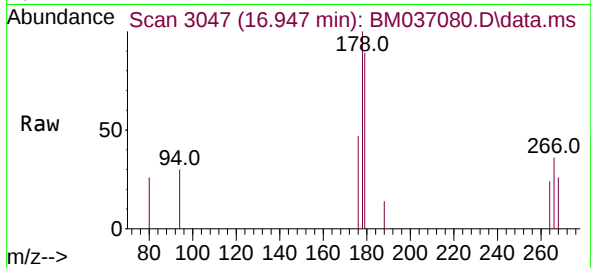
Tgt Ion:166 Resp: 24395
Ion Ratio Lower Upper
166 100
165 99.6 78.9 118.3
167 16.1 11.3 16.9





#14
Pentachlorophenol
Concen: 0.116 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. -0.003 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

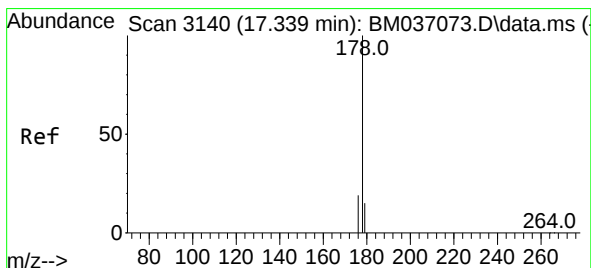
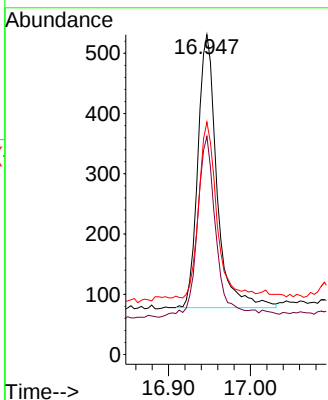
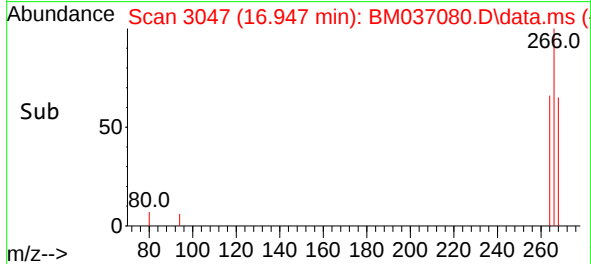
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:266 Resp: 731
Ion Ratio Lower Upper
266 100
264 67.2 50.3 75.5
268 66.8 53.5 80.3

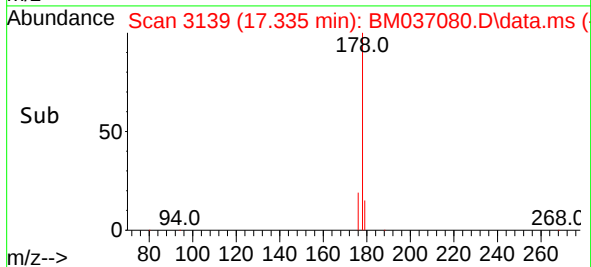
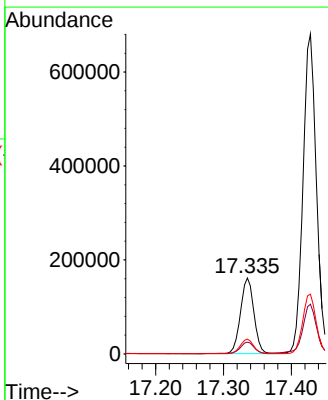
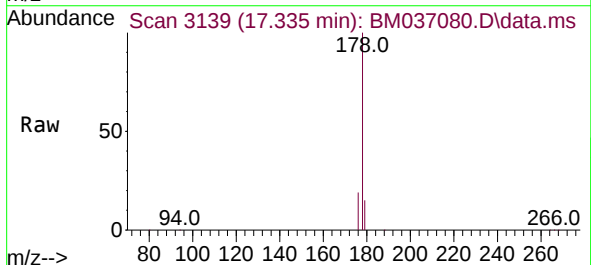
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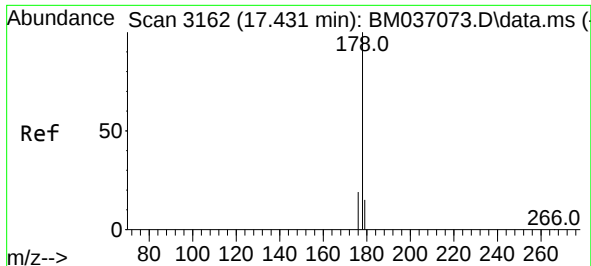
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#15
Phenanthrene
Concen: 2.639 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

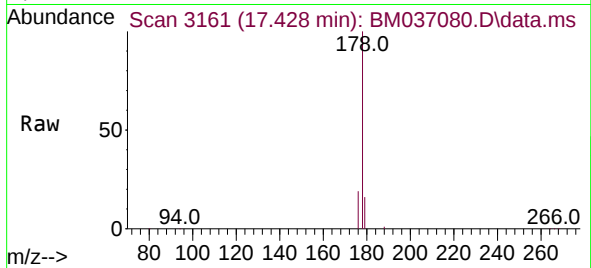
Tgt Ion:178 Resp: 219860
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 13.498 ng/ul
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM037080.D
 Acq: 15 Oct 2022 07:26

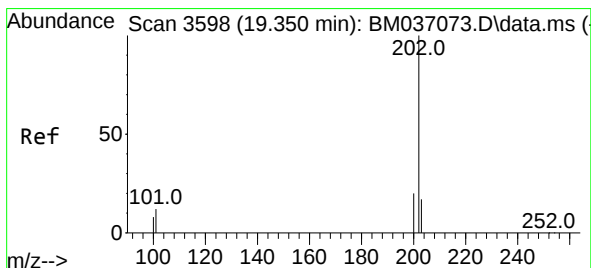
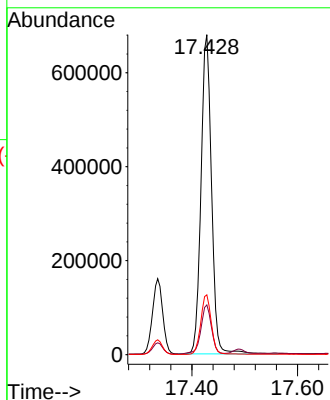
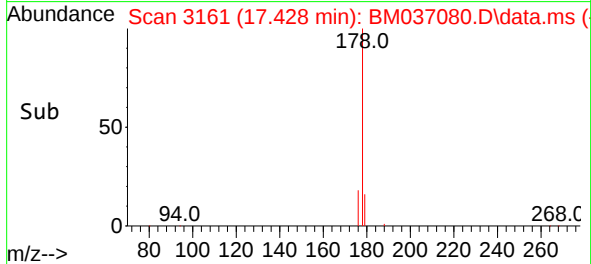
Instrument :
 BNA_M
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 C0BS0



Tgt Ion:178 Resp: 939773
 Ion Ratio Lower Upper
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 179 15.5 13.6 20.4
 176 18.7 15.6 23.4

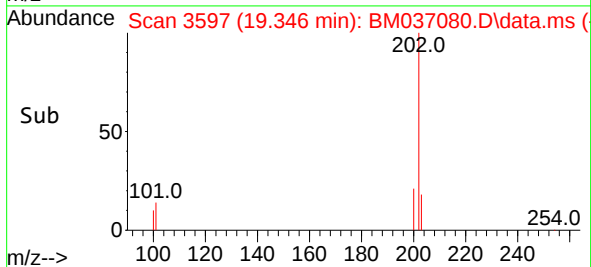
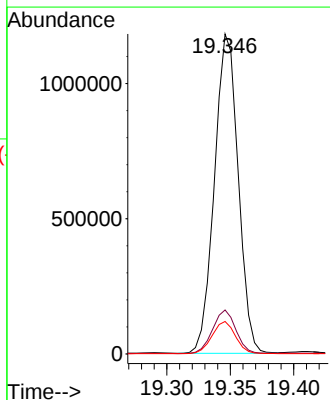
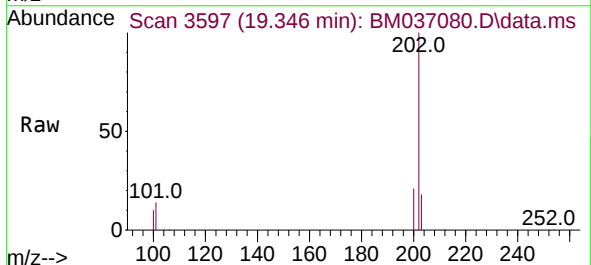
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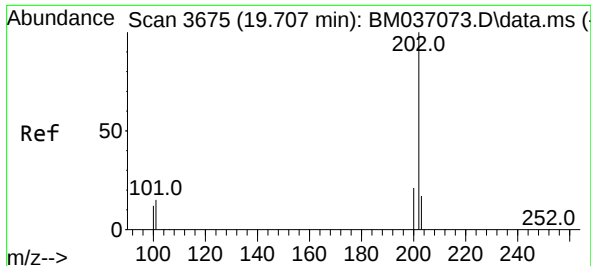
Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#19
 Fluoranthene
 Concen: 19.577 ng/ul
 RT: 19.346 min Scan# 3597
 Delta R.T. -0.004 min
 Lab File: BM037080.D
 Acq: 15 Oct 2022 07:26

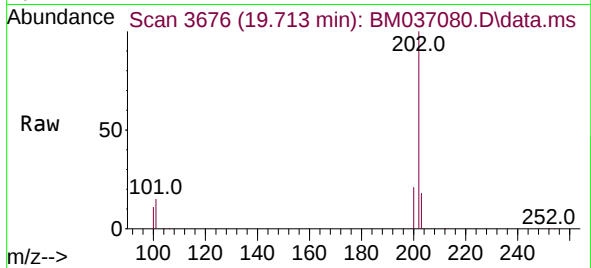
Tgt Ion:202 Resp: 1542170
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.1 15.1
 100 10.1 7.9 11.9





#20
Pyrene
Concen: 24.324 ng/ul
RT: 19.713 min Scan# 3675
Delta R.T. 0.006 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

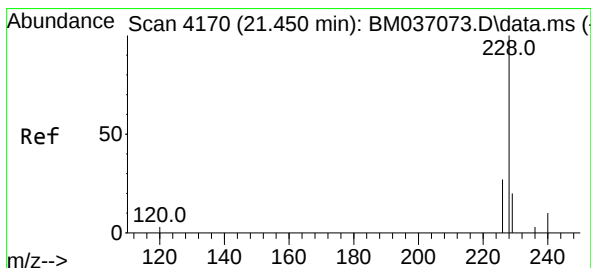
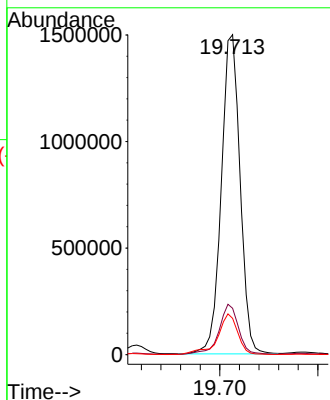
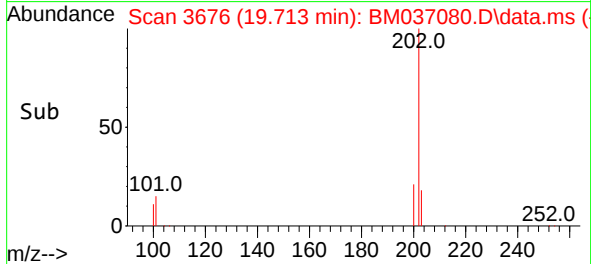
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:202 Resp: 199819
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.3 9.8 14.6

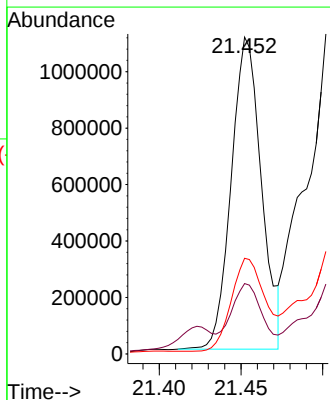
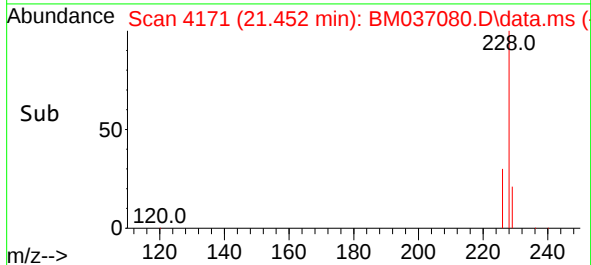
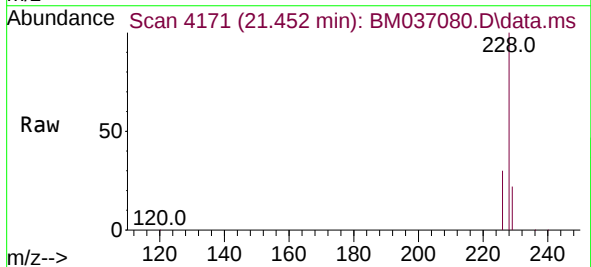
Manual Integrations
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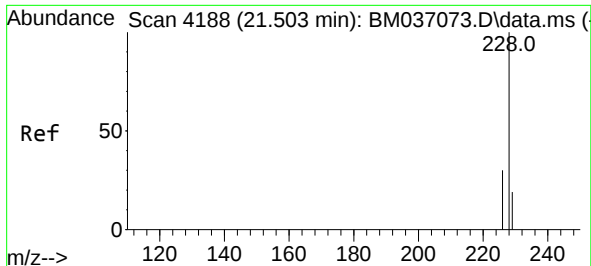
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#21
Benzo(a)anthracene
Concen: 19.837 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

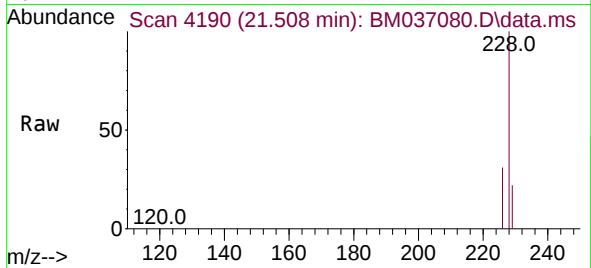
Tgt Ion:228 Resp: 1419482
Ion Ratio Lower Upper
228 100
229 22.2 16.2 24.2
226 30.2 22.5 33.7





#22
Chrysene
Concen: 28.305 ng/u1
RT: 21.508 min Scan# 4188
Delta R.T. 0.005 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

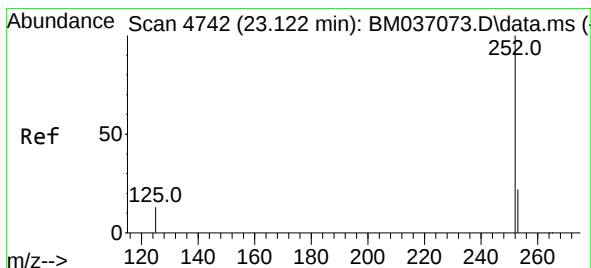
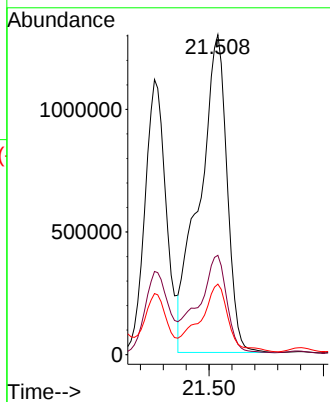
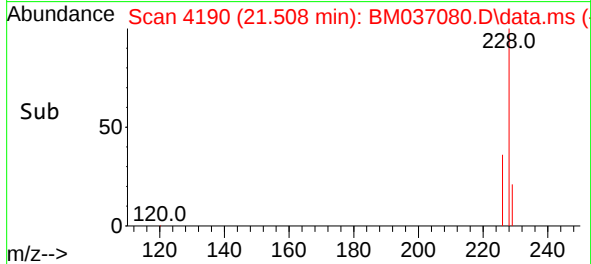
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:228 Resp: 2174560
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 22.0 16.4 24.6

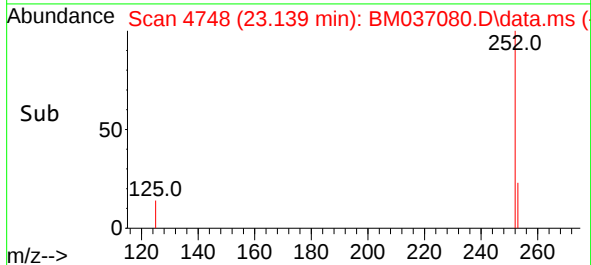
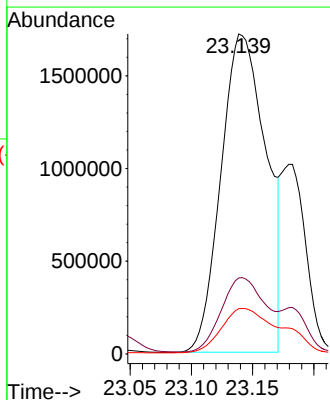
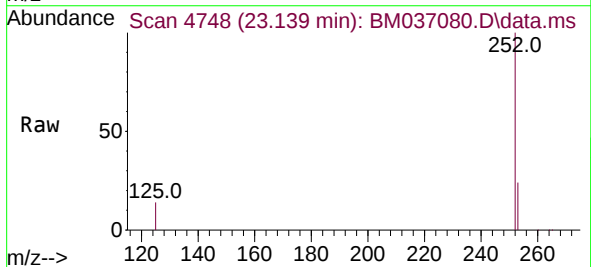
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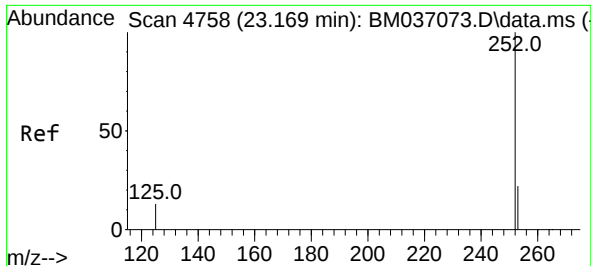
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#24
Benzo(b)fluoranthene
Concen: 32.998 ng/u1
RT: 23.139 min Scan# 4748
Delta R.T. 0.017 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

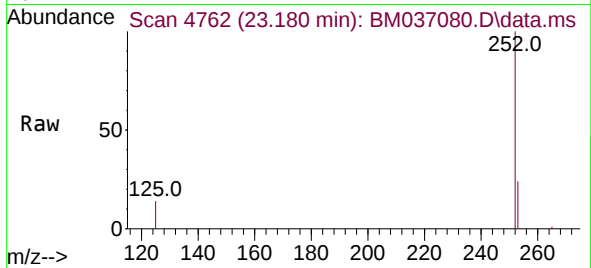
Tgt Ion:252 Resp: 4394702
Ion Ratio Lower Upper
252 100
253 23.7 0.0 61.4
125 14.1 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 10.888 ng/ul m
RT: 23.180 min Scan# 4758
Delta R.T. 0.011 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

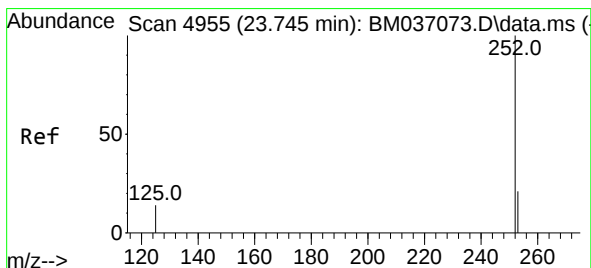
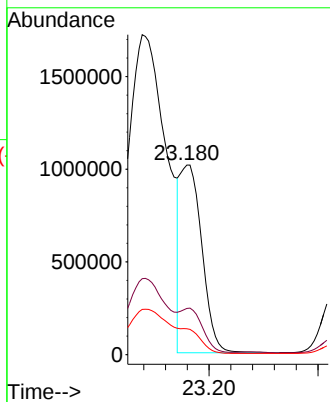
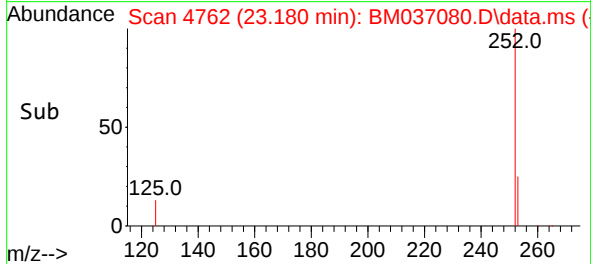
Instrument :
BNA_M
ClientSampleId :
C0BS0



Tgt Ion:252 Resp: 1412988
Ion Ratio Lower Upper
252 100
253 24.4 25.2 37.8#
125 13.7 18.3 27.5#

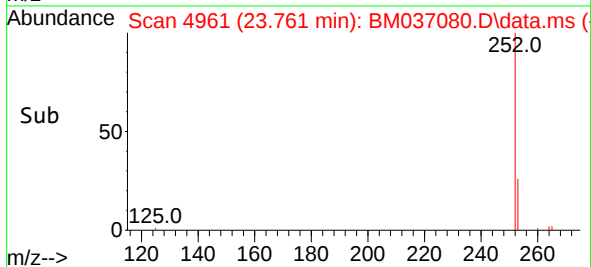
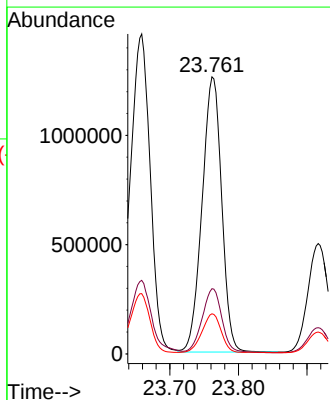
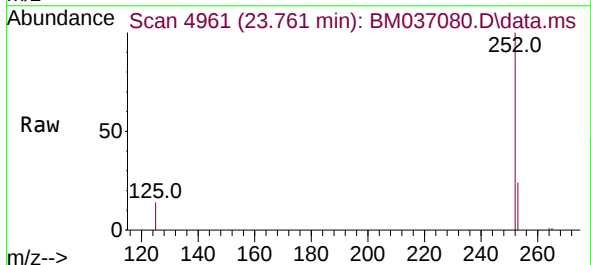
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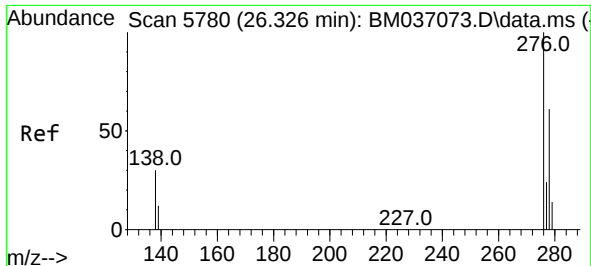
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#26
Benzo(a)pyrene
Concen: 23.130 ng/ul
RT: 23.761 min Scan# 4961
Delta R.T. 0.017 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

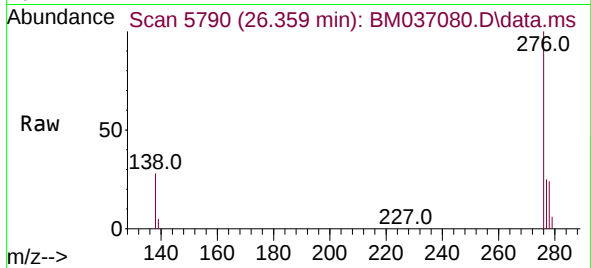
Tgt Ion:252 Resp: 2499334
Ion Ratio Lower Upper
252 100
253 23.5 29.7 44.5#
125 14.4 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 20.045 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. 0.033 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26

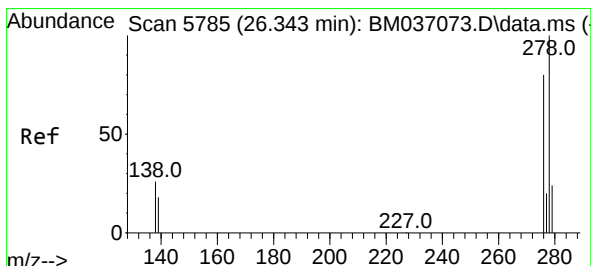
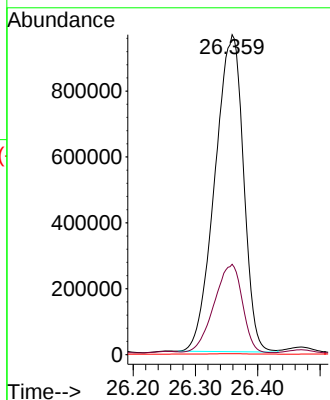
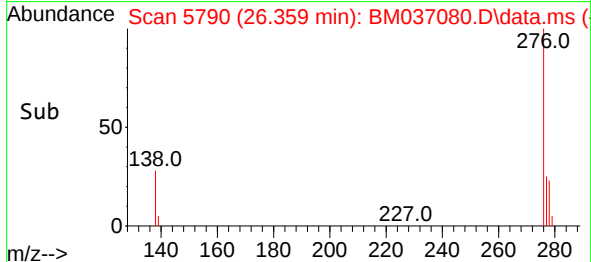
Instrument :
BNA_M
ClientSampleId :
C0BS0



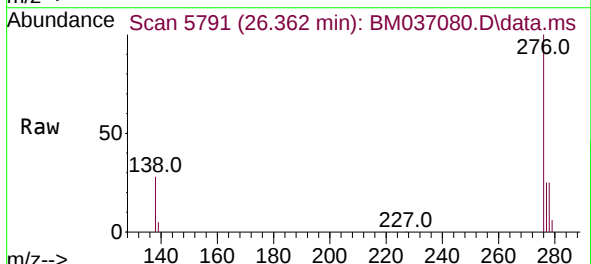
Tgt Ion:276 Resp: 306820
Ion Ratio Lower Upper
276 100
138 27.9 23.9 35.9
227 0.2 0.1 0.1

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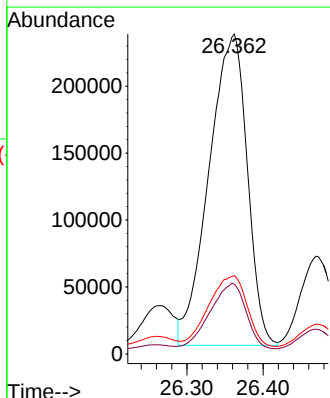
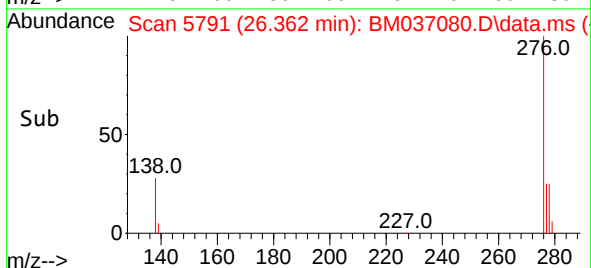
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

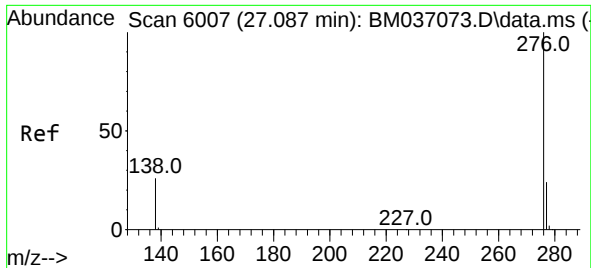


#28
Dibenzo(a,h)anthracene
Concen: 6.564 ng/ul m
RT: 26.362 min Scan# 5791
Delta R.T. 0.019 min
Lab File: BM037080.D
Acq: 15 Oct 2022 07:26



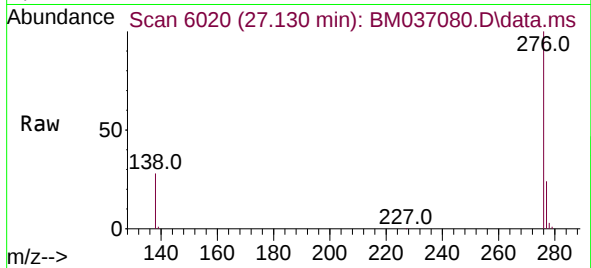
Tgt Ion:278 Resp: 811910
Ion Ratio Lower Upper
278 100
139 21.8 19.8 29.6
279 24.4 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 19.728 ng/ul
 RT: 27.130 min Scan# 60
 Delta R.T. 0.043 min
 Lab File: BM037080.D
 Acq: 15 Oct 2022 07:26

Instrument :
 BNA_M
 ClientSampleId :
 C0BS0



Tgt Ion:276 Resp: 266102
 Ion Ratio Lower Upper
 276 100
 138 27.8 23.4 35.0
 277 24.4 21.0 31.4

Manual Integrations
 APPROVED

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

