

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034532.D
 Acq On : 07 Apr 2022 00:40
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R23

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 02:02:46 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 05 11:50:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	3617	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	9759	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	5122	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	9572	0.400	ng/ul	-0.02
17) Chrysene-d12	21.477	240	7845	0.400	ng/ul	#-0.02
23) Perylene-d12	23.865	264	6594m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	19348	3.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	3356	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.320	212	7651	0.332	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	2936	0.096	ng/ul	94
7) 2-Methylnaphthalene	12.396	142	1587	0.095	ng/ul	98
8) 1-Methylnaphthalene	12.610	142	1236	0.074	ng/ul	100
10) Acenaphthylene	14.273	152	1017	0.043	ng/ul#	91
15) Phenanthrene	17.337	178	3806	0.122	ng/ul	99
16) Anthracene	17.426	178	1235	0.052	ng/ul#	81
19) Fluoranthene	19.352	202	8685	0.264	ng/ul	95
20) Pyrene	19.710	202	8167m	0.212	ng/ul	
21) Benzo(a)anthracene	21.460	228	2144m	0.126	ng/ul	
22) Chrysene	21.510	228	5531m	0.274	ng/ul	
24) Benzo(b)fluoranthene	23.140	252	6754m	0.313	ng/ul	
25) Benzo(k)fluoranthene	23.181	252	2452m	0.127	ng/ul	
26) Benzo(a)pyrene	23.757	252	3840	0.152	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.377	276	2924	0.096	ng/ul#	94
29) Benzo(g,h,i)perylene	27.145	276	2512m	0.077	ng/ul	

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

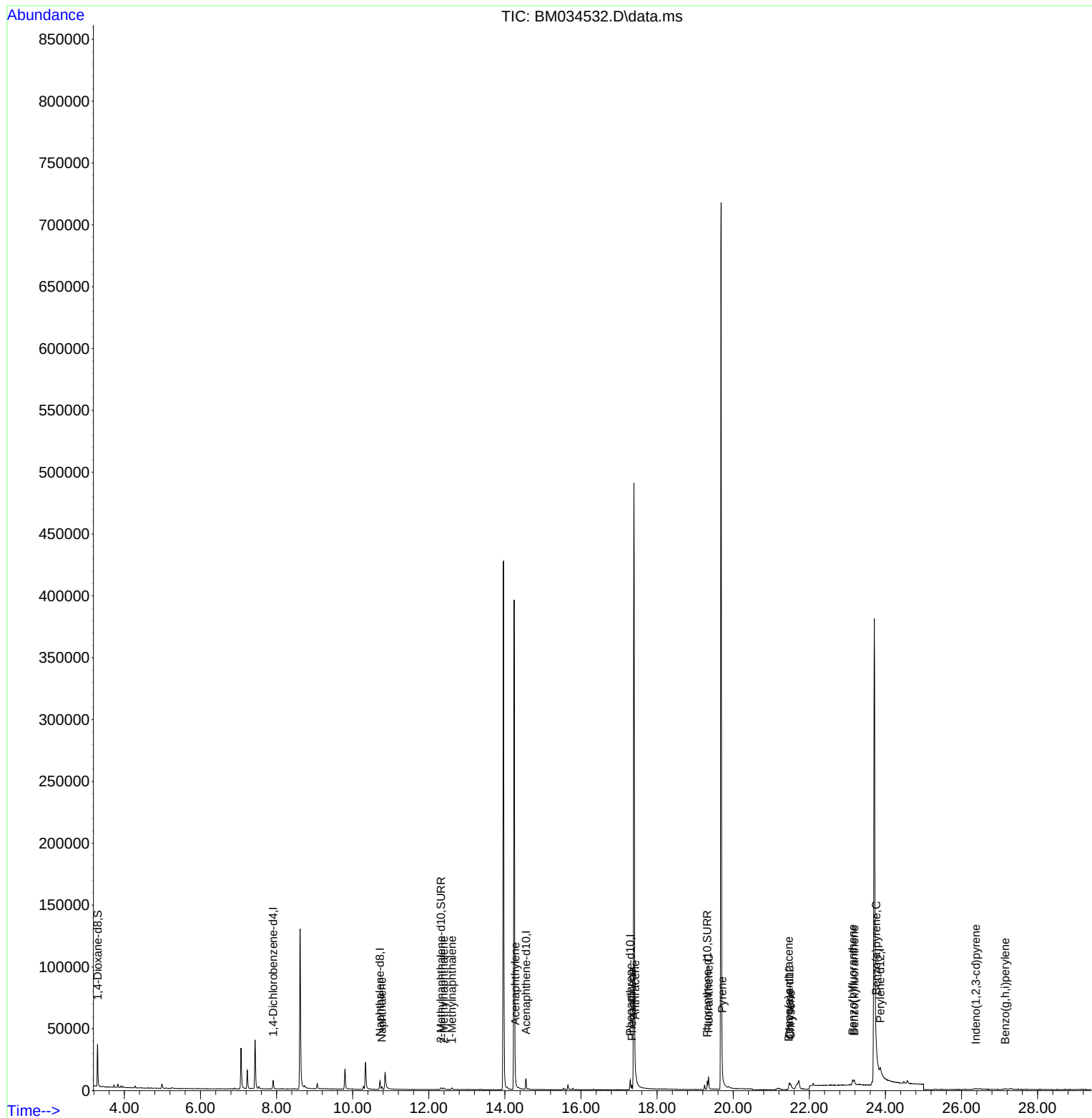
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034532.D
Acq On : 07 Apr 2022 00:40
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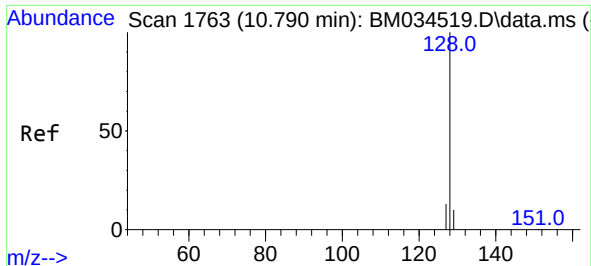
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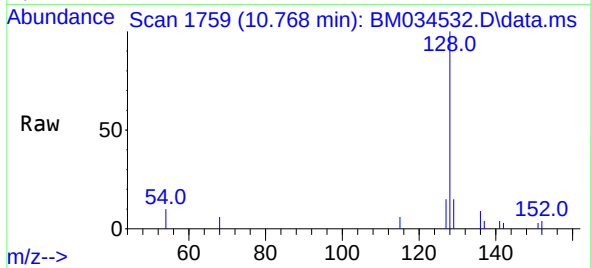
Quant Time: Apr 07 02:02:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.768 min Scan# 1763
Delta R.T. -0.017 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

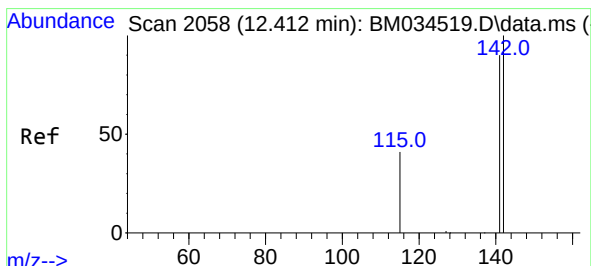
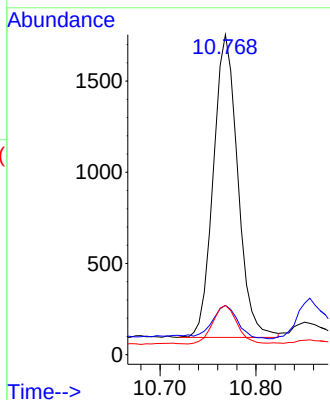
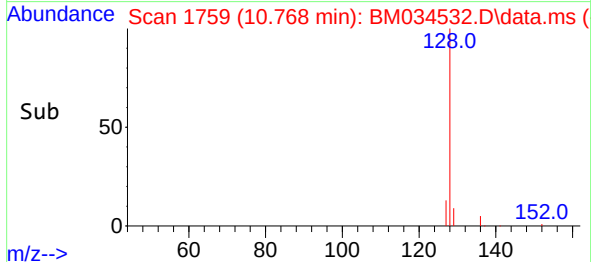
Instrument :
BNA_M
ClientSampleId :
C0R23



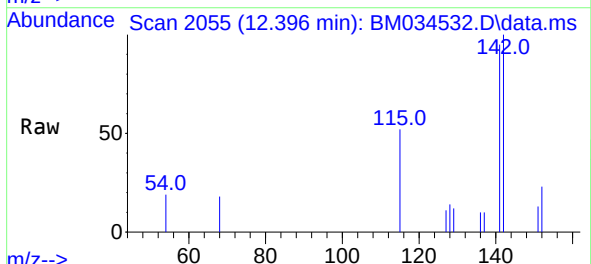
Tgt Ion:128 Resp: 2930
Ion Ratio Lower Upper
128 100
129 15.4 13.4 20.2
127 15.4 15.2 22.8

Manual Integrations
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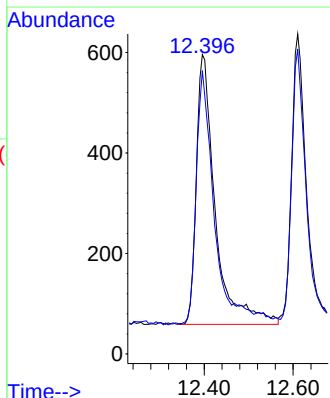
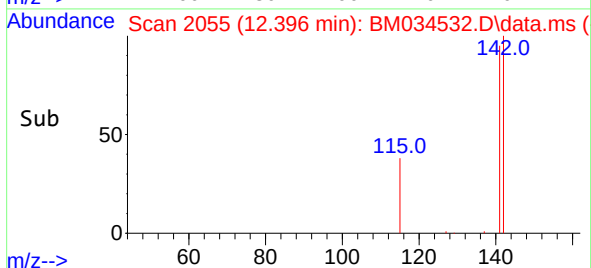
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

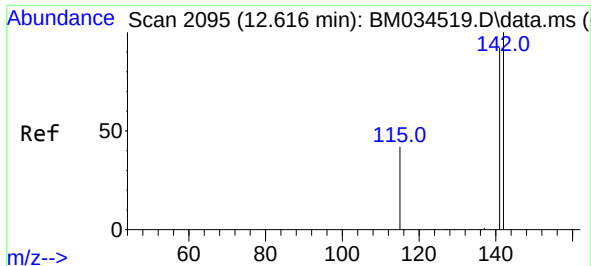


#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40



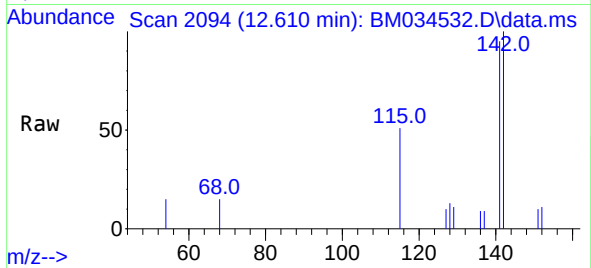
Tgt Ion:142 Resp: 1587
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.610 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

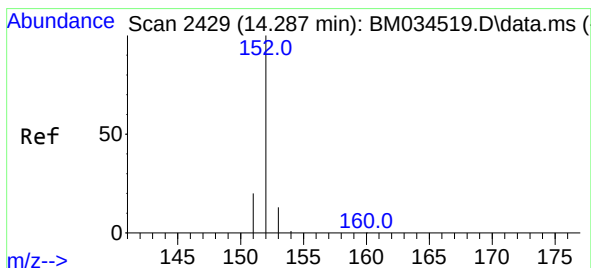
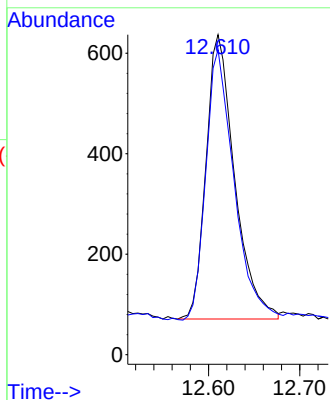
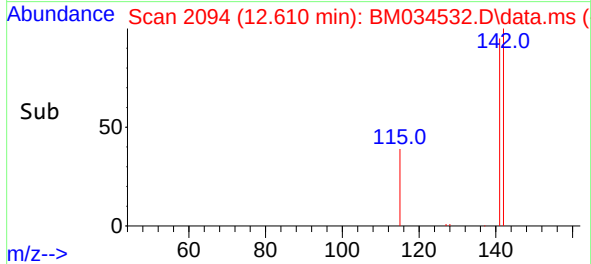
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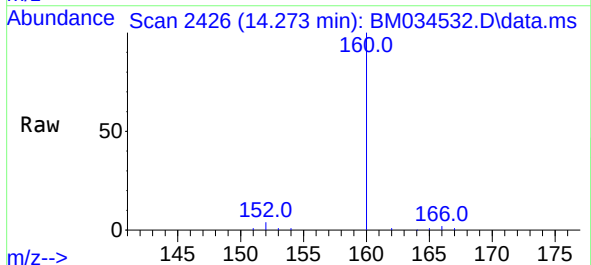
Tgt Ion:142 Resp: 1230
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4

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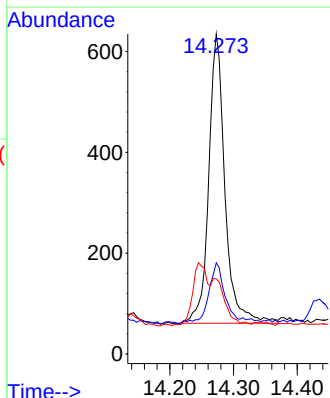
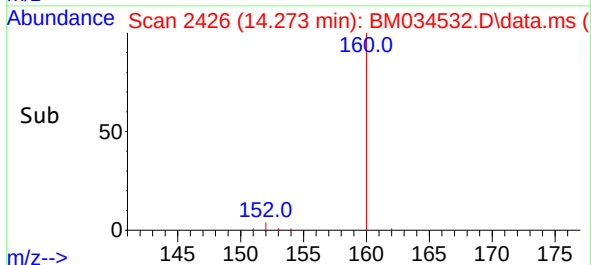
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

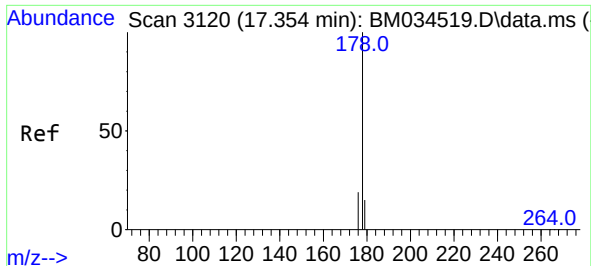


#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.014 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40



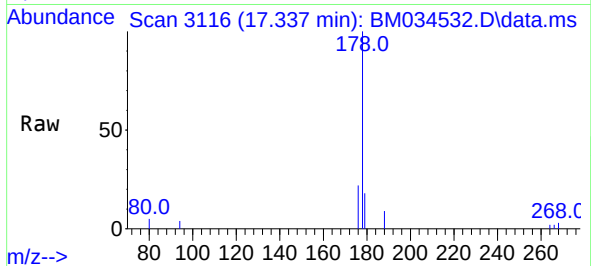
Tgt Ion:152 Resp: 1017
Ion Ratio Lower Upper
152 100
151 28.5 19.9 29.9
153 23.5 15.0 22.4#





#15
Phenanthrene
Concen: 0.122 ng/u1
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

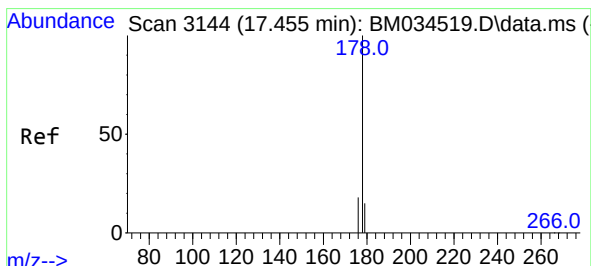
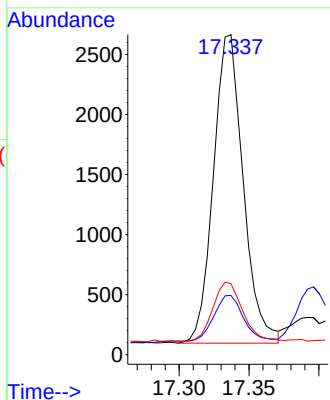
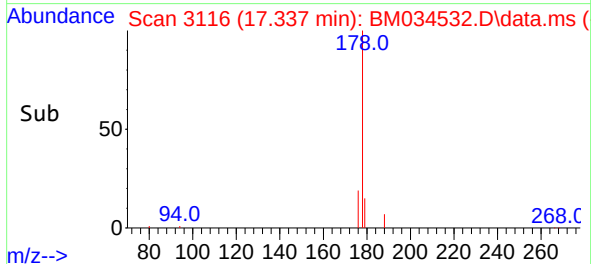
Instrument :
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ClientSampleId :
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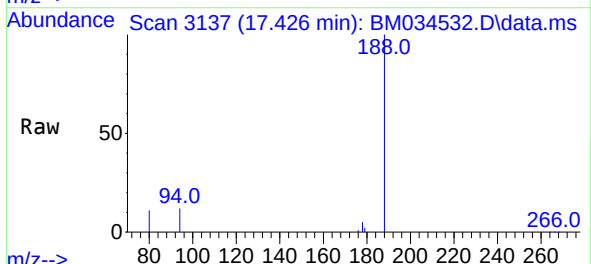
Tgt Ion:178 Resp: 3800
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 22.2 17.9 26.9

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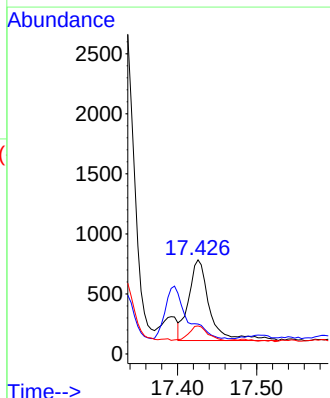
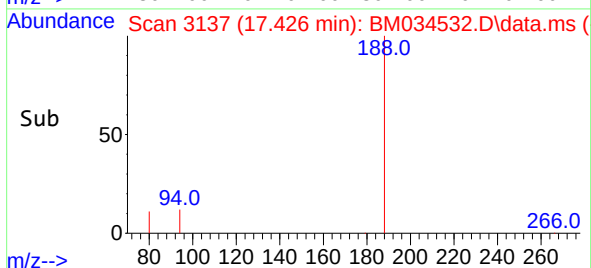
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

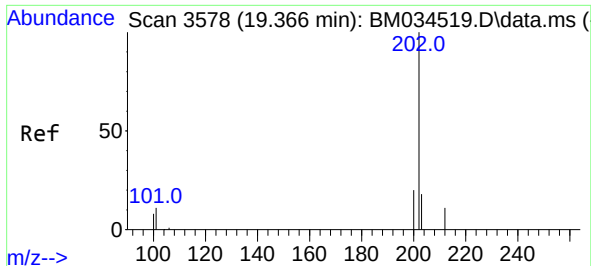


#16
Anthracene
Concen: 0.052 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40



Tgt Ion:178 Resp: 1235
Ion Ratio Lower Upper
178 100
179 31.8 16.5 24.7#
176 29.8 18.3 27.5#





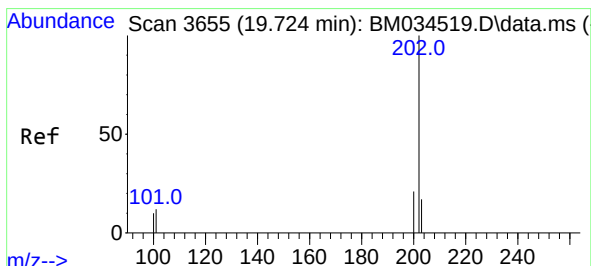
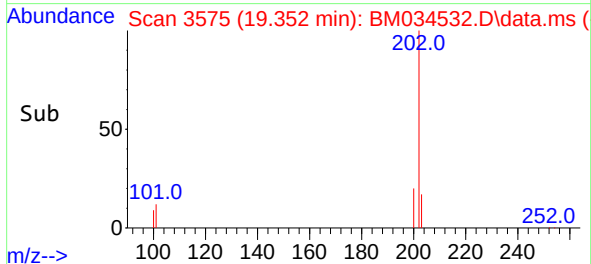
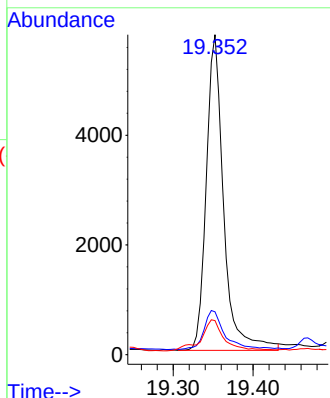
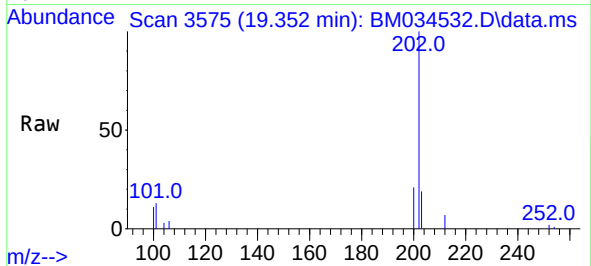
#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	202	Resp:	868
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.2	13.8
100	10.6	7.2	10.8

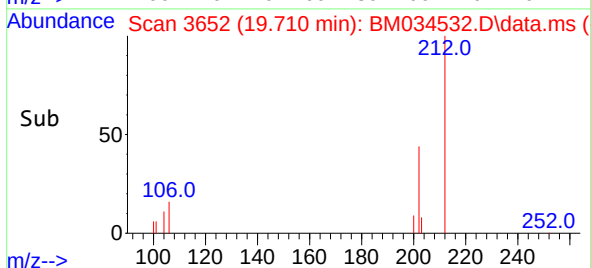
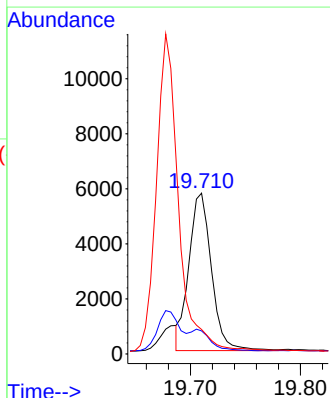
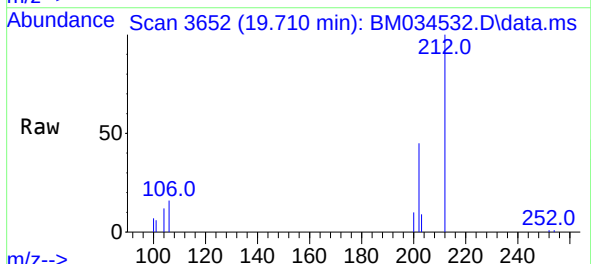
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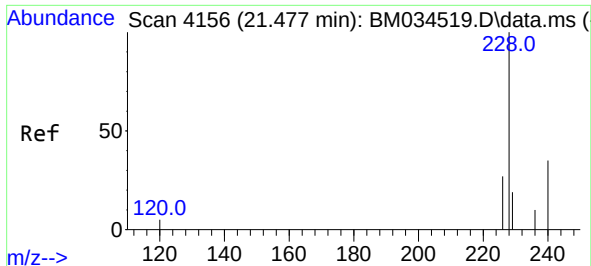
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 0.212 ng/ul m
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

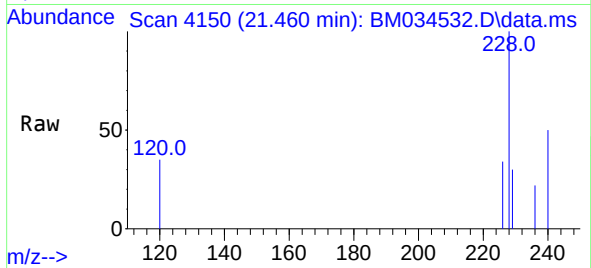
Tgt Ion:	202	Resp:	8167
Ion Ratio	Lower	Upper	
202	100		
101	14.4	9.3	13.9#
100	15.2	7.8	11.6#





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul m
RT: 21.460 min Scan# 4156
Delta R.T. -0.020 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

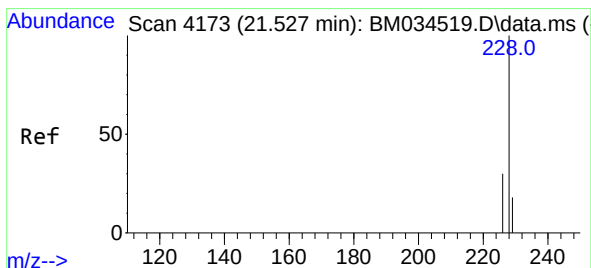
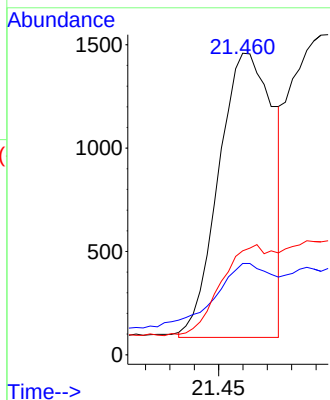
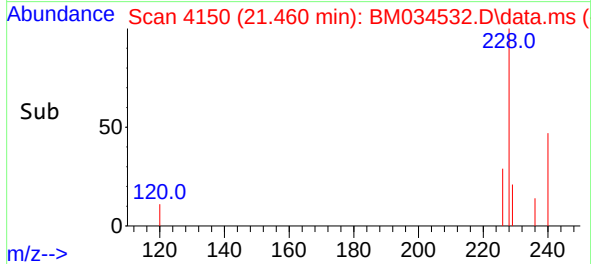
Instrument :
BNA_M
ClientSampleId :
C0R23



Tgt Ion:228 Resp: 2144
Ion Ratio Lower Upper
228 100
229 30.3 17.3 25.9
226 34.5 23.2 34.8

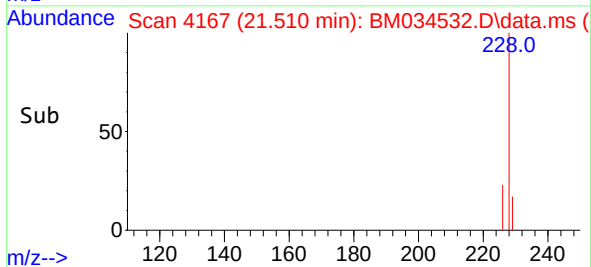
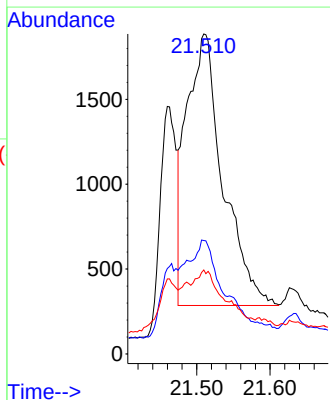
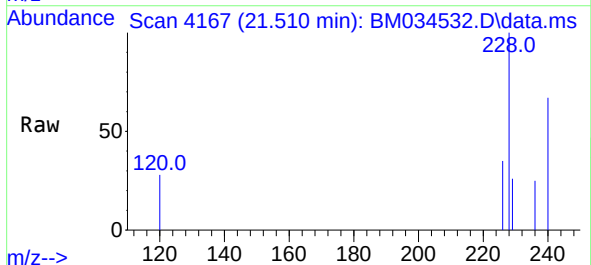
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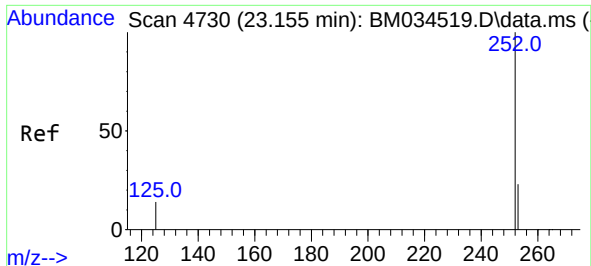
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#22
Chrysene
Concen: 0.274 ng/ul m
RT: 21.510 min Scan# 4167
Delta R.T. -0.018 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

Tgt Ion:228 Resp: 5531
Ion Ratio Lower Upper
228 100
226 35.4 25.8 38.8
229 26.2 16.7 25.1#





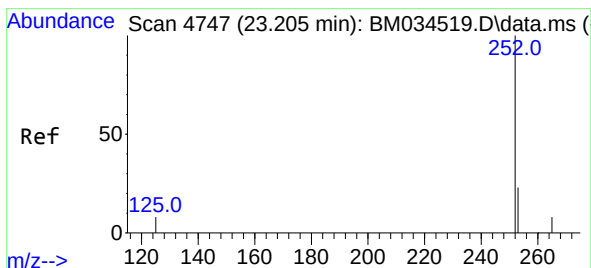
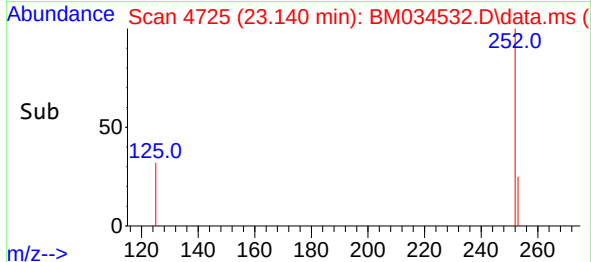
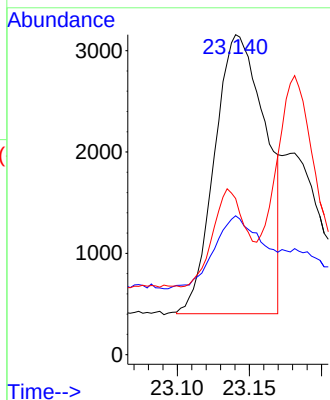
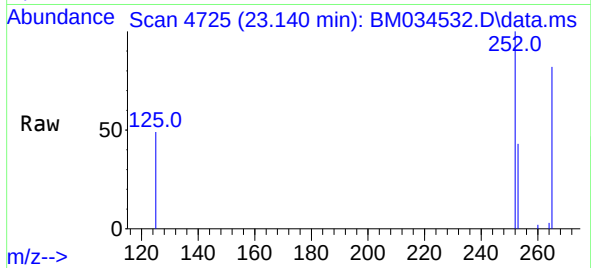
#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul m
RT: 23.140 min Scan# 4725
Delta R.T. -0.021 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

Instrument :
BNA_M
ClientSampleId :
C0R23

Tgt Ion:252 Resp: 6754
Ion Ratio Lower Upper
252 100
253 43.4 0.0 64.2
125 48.8 0.0 28.8

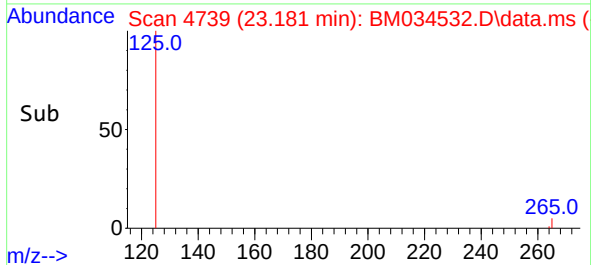
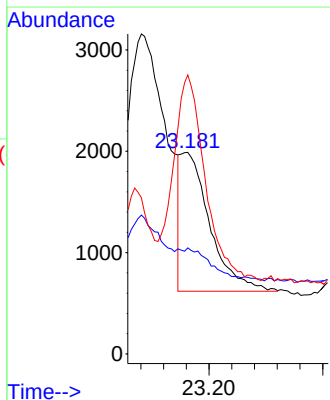
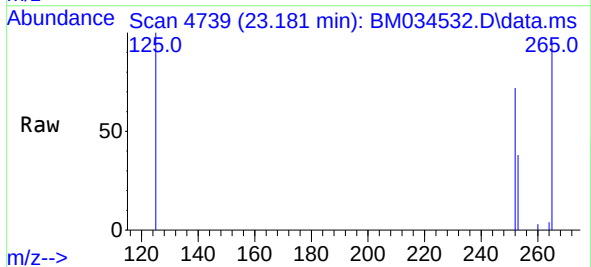
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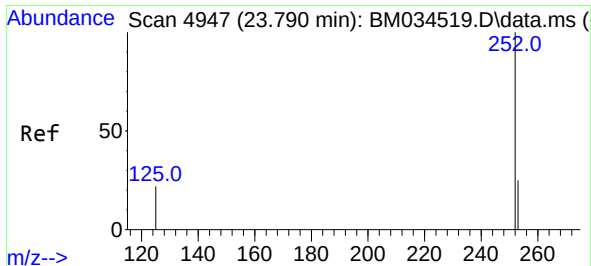
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 23.181 min Scan# 4739
Delta R.T. -0.030 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

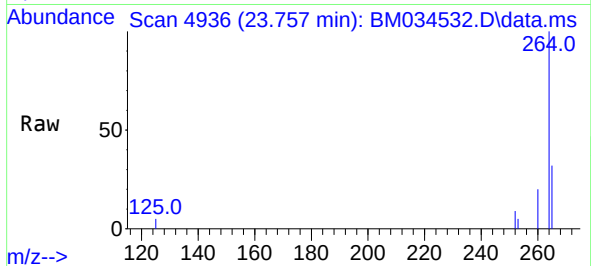
Tgt Ion:252 Resp: 2452
Ion Ratio Lower Upper
252 100
253 52.6 26.8 40.2#
125 138.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.038 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

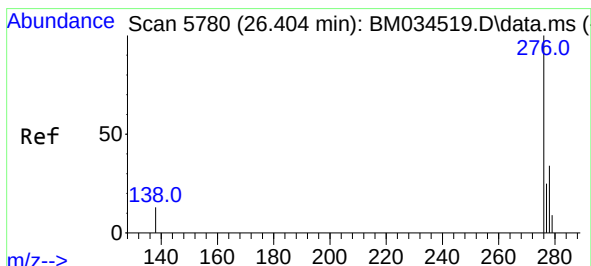
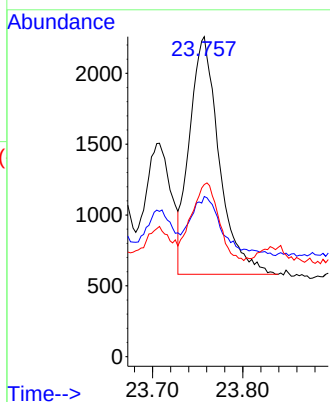
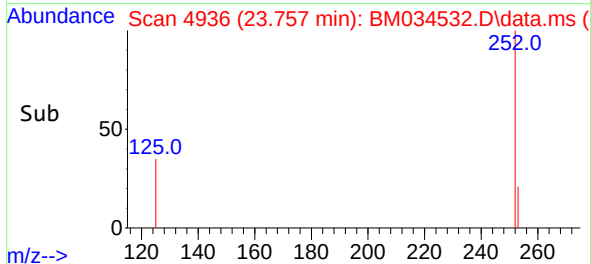
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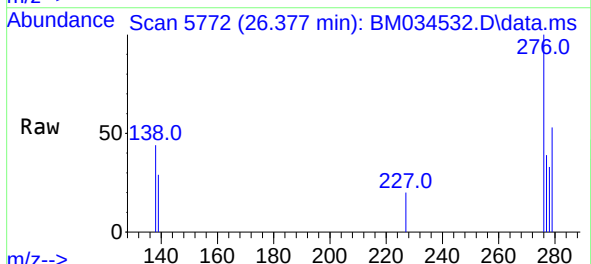
Tgt Ion:252 Resp: 3840
Ion Ratio Lower Upper
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253 50.1 32.0 48.0
125 53.8 14.5 21.7

Manual Integrations
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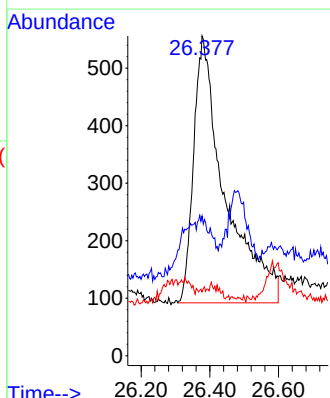
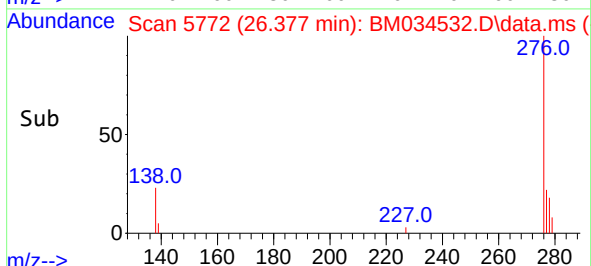
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

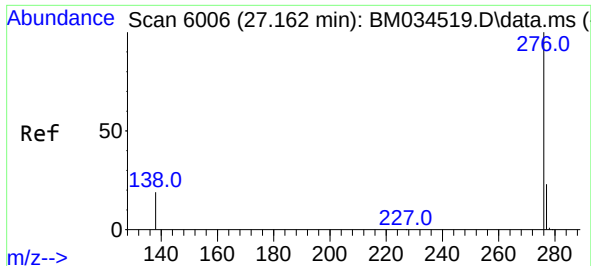


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 26.377 min Scan# 5772
Delta R.T. -0.034 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40



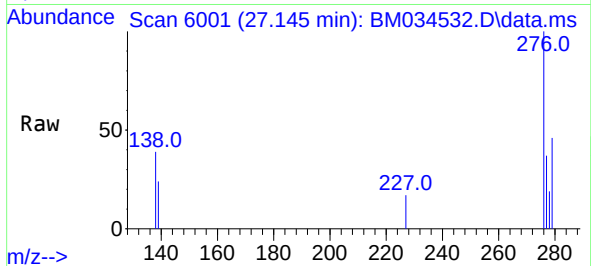
Tgt Ion:276 Resp: 2924
Ion Ratio Lower Upper
276 100
138 22.5 15.8 23.6
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul m
RT: 27.145 min Scan# 6001
Delta R.T. -0.024 min
Lab File: BM034532.D
Acq: 07 Apr 2022 00:40

Instrument :
BNA_M
ClientSampleId :
C0R23



Tgt Ion:276 Resp: 251
Ion Ratio Lower Upper
276 100
138 39.4 17.4 26.0
277 36.8 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

