

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038305.D
 Acq On : 25 Dec 2022 12:27
 Operator : CG/JU
 Sample : N6016-16DL 5X
 Misc :
 ALS Vial : 114 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:55:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	5948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11710	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8116	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	1978	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	599	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1218	0.040	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.889	128	902	0.030	ng/ul#	79
11) Acenaphthene	14.717	153	1545	0.066	ng/ul	98
12) Fluorene	15.698	166	2539	0.100	ng/ul	96
15) Phenanthrene	17.434	178	32430	0.828	ng/ul	99
16) Anthracene	17.527	178	7407	0.197	ng/ul	97
19) Fluoranthene	19.445	202	52050	1.171	ng/ul	97
20) Pyrene	19.808	202	45695m	1.017	ng/ul	
21) Benzo(a)anthracene	21.548	228	28284	0.795	ng/ul	98
22) Chrysene	21.603	228	28603	0.826	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	40788	1.157	ng/ul	92
25) Benzo(k)fluoranthene	23.307	252	12956m	0.383	ng/ul	
26) Benzo(a)pyrene	23.901	252	28095	0.914	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.559	276	21429	0.502	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.572	278	4582	0.138	ng/ul#	79
29) Benzo(g,h,i)perylene	27.353	276	20826	0.580	ng/ul	96

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

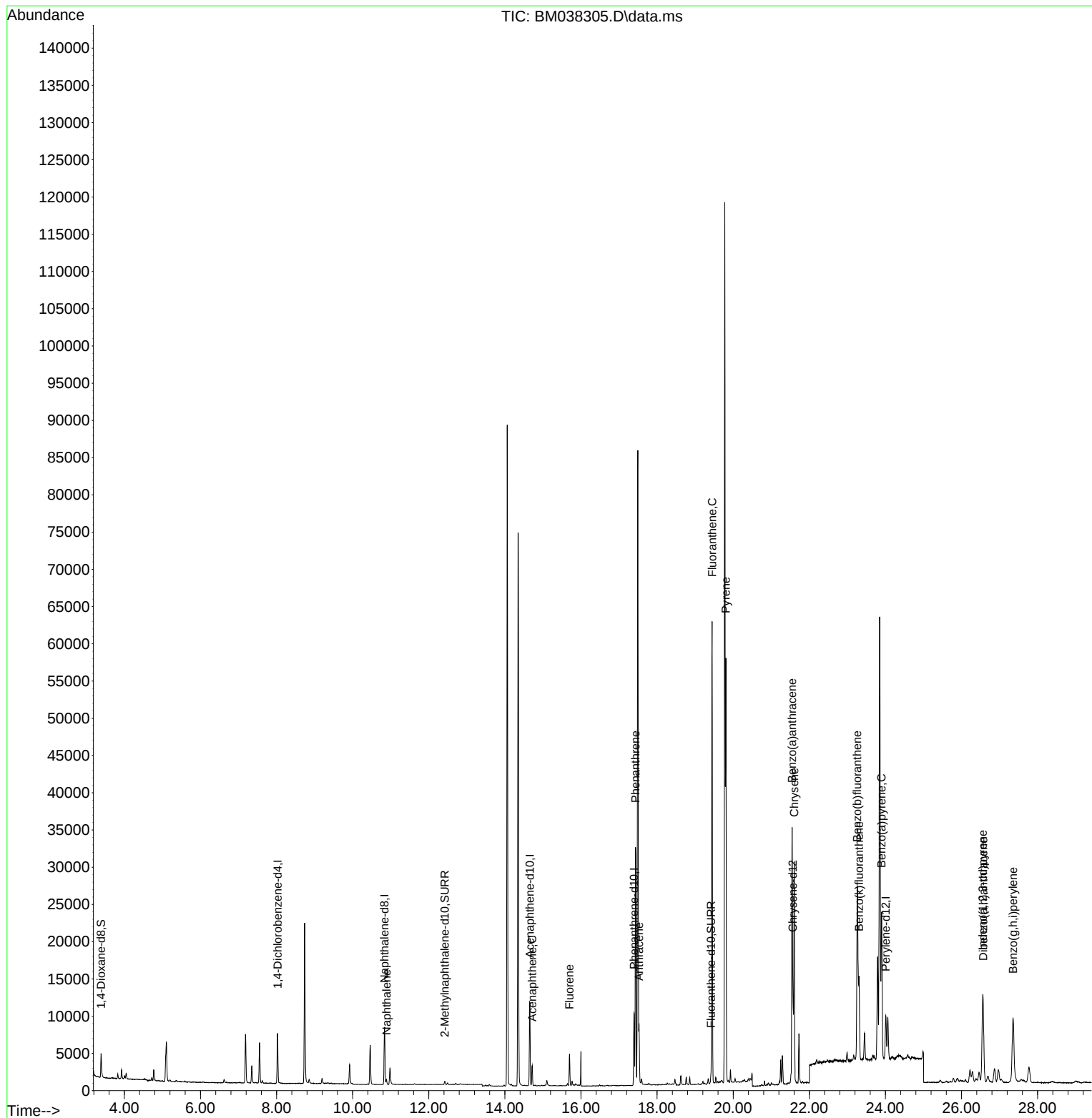
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038305.D
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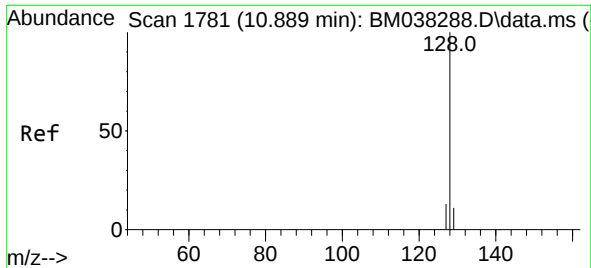
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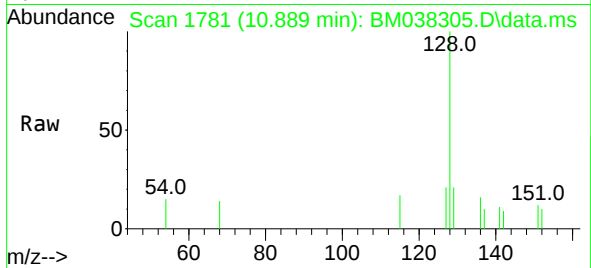
Quant Time: Dec 25 23:55:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

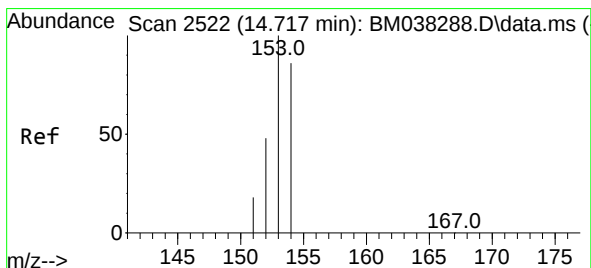
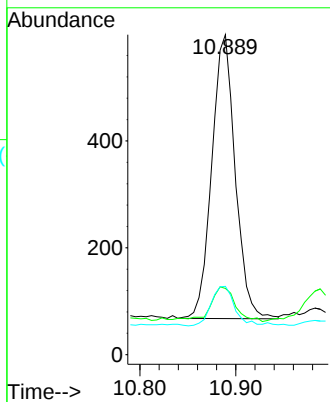
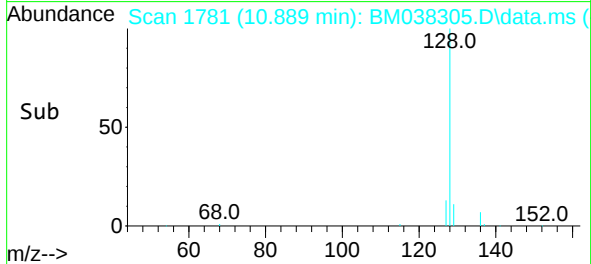
Instrument :
BNA_M
ClientSampleId :
DBYD8DL



Tgt Ion:128 Resp: 902
Ion Ratio Lower Upper
128 100
129 20.7 9.4 14.0
127 21.4 10.7 16.1

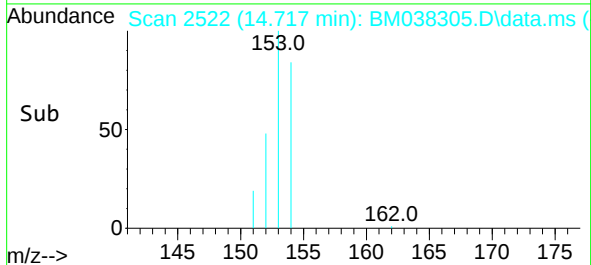
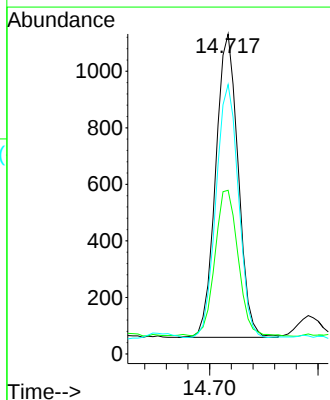
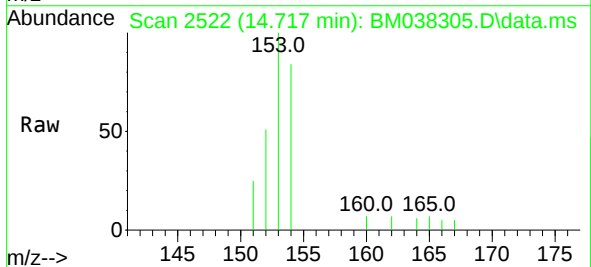
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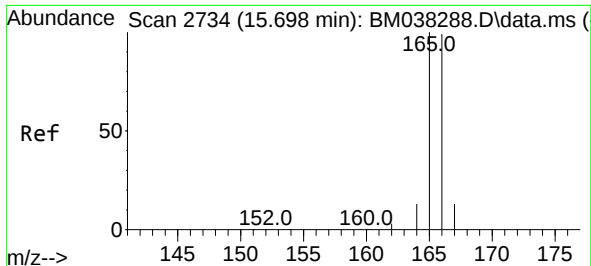
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#11
Acenaphthene
Concen: 0.066 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

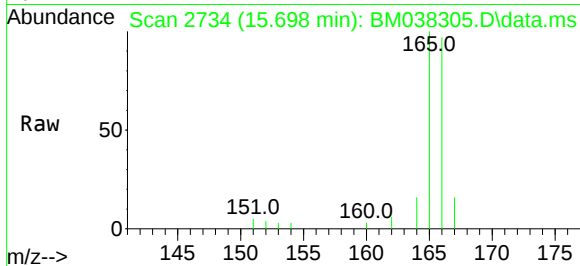
Tgt Ion:153 Resp: 1545
Ion Ratio Lower Upper
153 100
152 51.1 39.4 59.0
154 84.2 69.0 103.4





#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

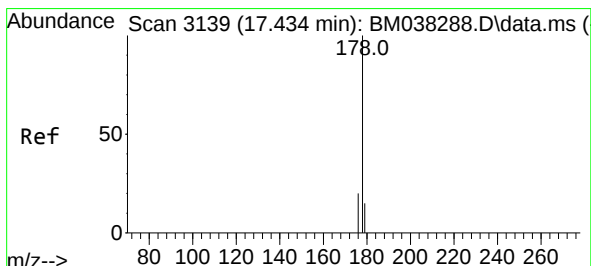
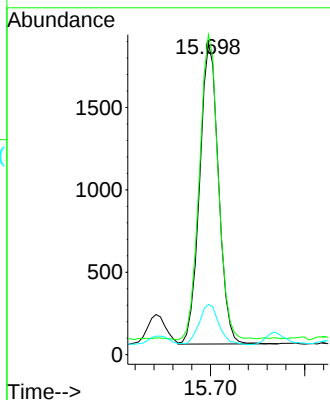
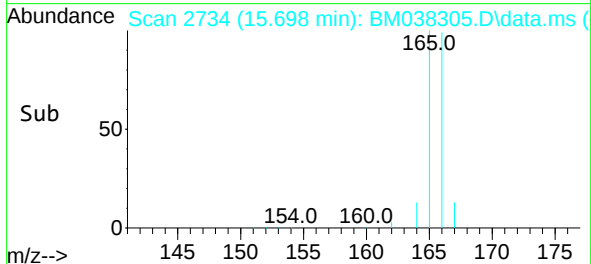
Instrument :
BNA_M
ClientSampleId :
DBYD8DL



Tgt Ion:166 Resp: 2539
Ion Ratio Lower Upper
166 100
165 102.7 79.0 118.6
167 16.1 11.0 16.6

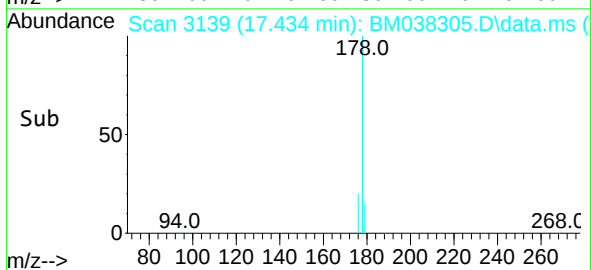
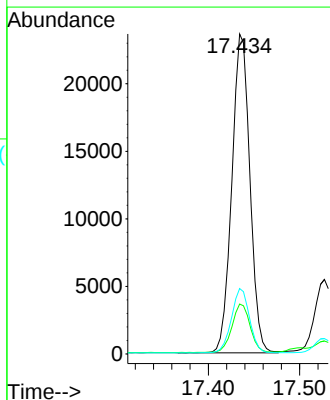
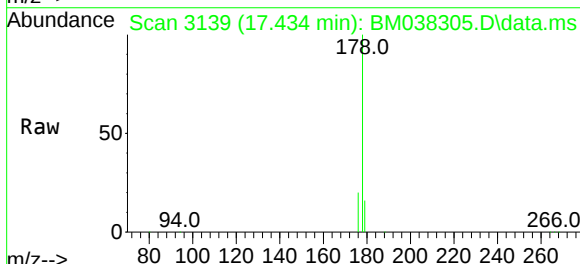
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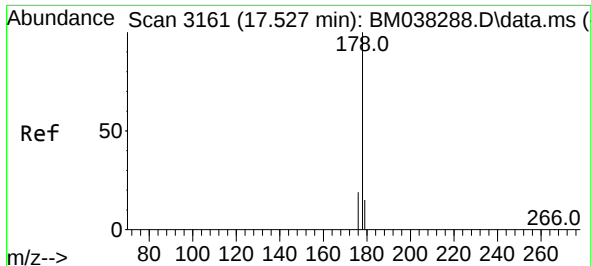
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#15
Phenanthrene
Concen: 0.828 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

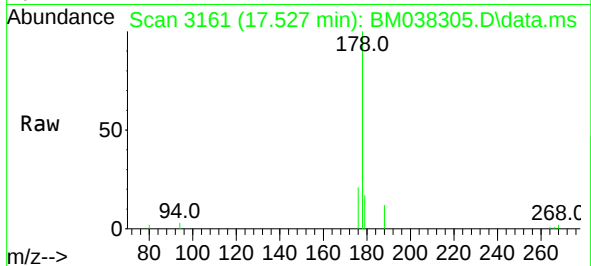
Tgt Ion:178 Resp: 32430
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 20.4 16.2 24.4





#16
 Anthracene
 Concen: 0.197 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038305.D
 Acq: 25 Dec 2022 12:27

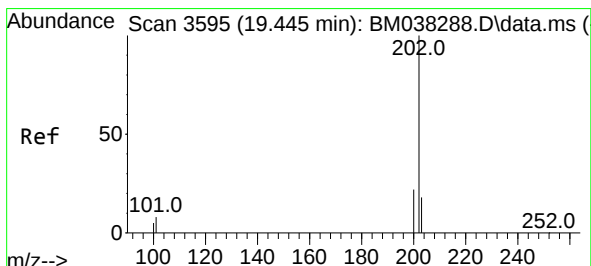
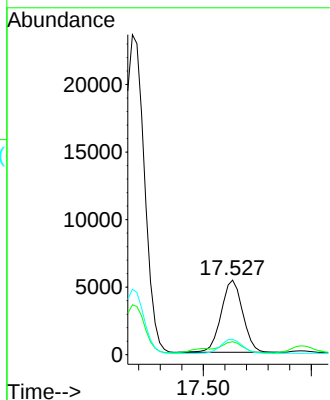
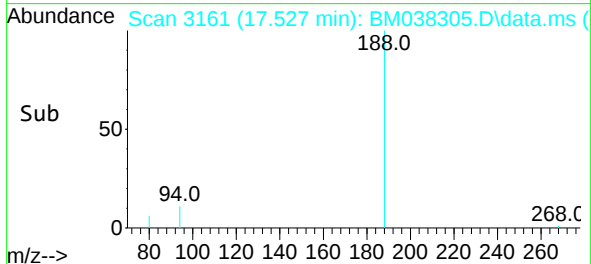
Instrument :
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 ClientSampleId :
 DBYD8DL



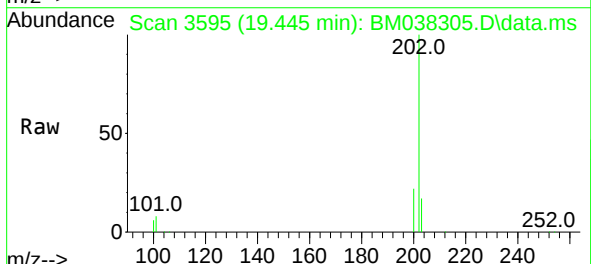
Tgt Ion:178 Resp: 7407
 Ion Ratio Lower Upper
 178 100
 179 17.5 13.0 19.6
 176 20.6 15.6 23.4

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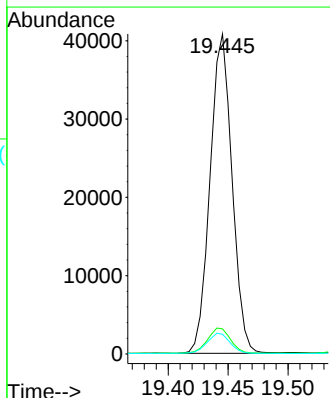
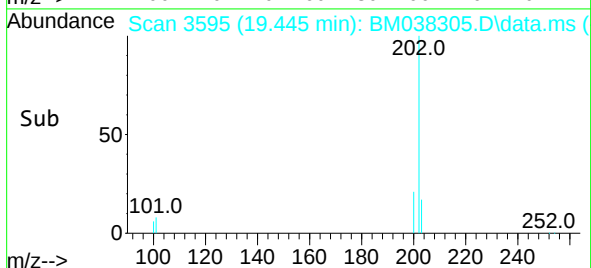
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

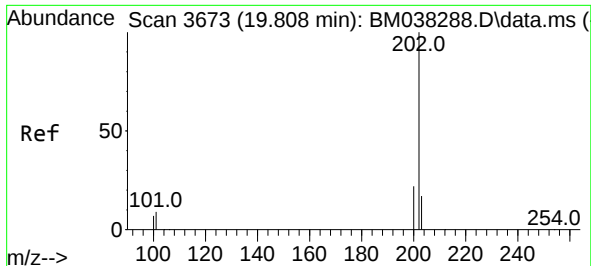


#19
 Fluoranthene
 Concen: 1.171 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038305.D
 Acq: 25 Dec 2022 12:27



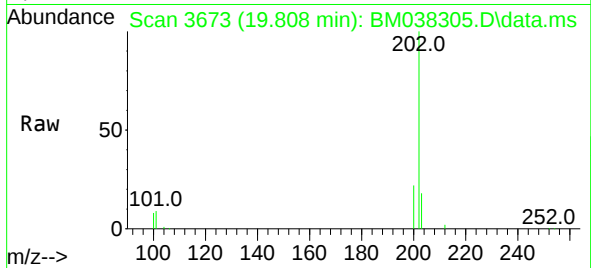
Tgt Ion:202 Resp: 52050
 Ion Ratio Lower Upper
 202 100
 101 7.9 7.5 11.3
 100 6.1 5.6 8.4





#20
Pyrene
Concen: 1.017 ng/ul m
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

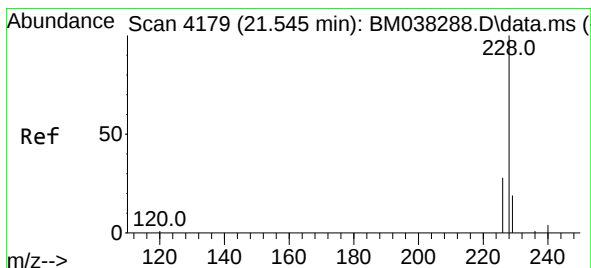
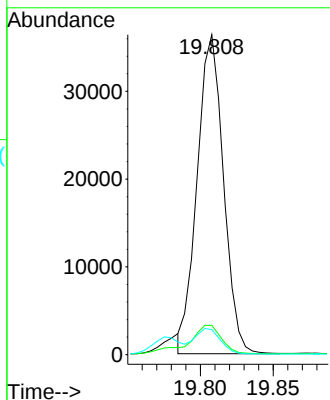
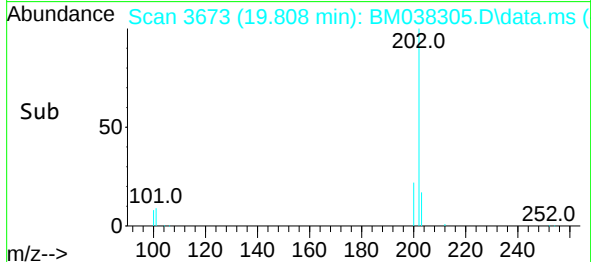
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BNA_M
ClientSampleId :
DBYD8DL



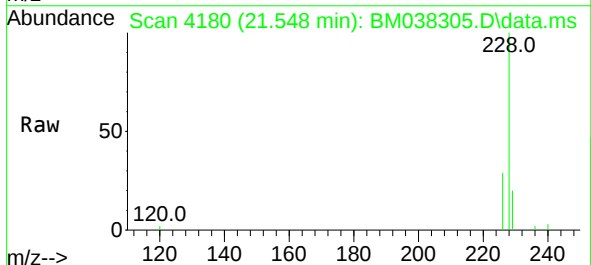
Tgt Ion:202 Resp: 4569
Ion Ratio Lower Upper
202 100
101 9.2 8.9 13.3
100 7.9 7.4 11.0

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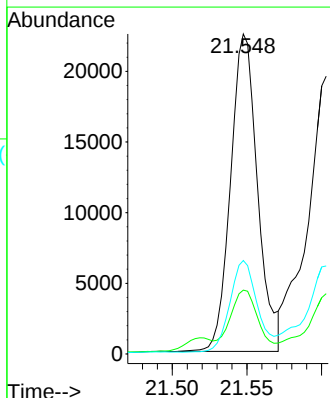
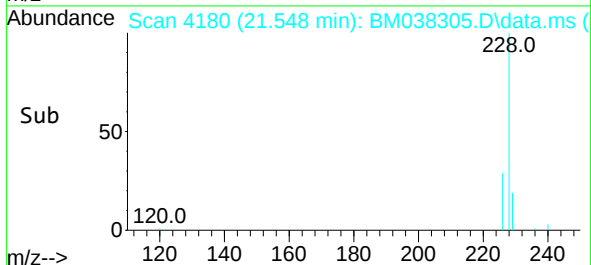
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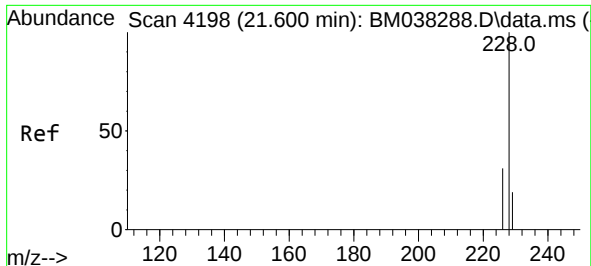


#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27



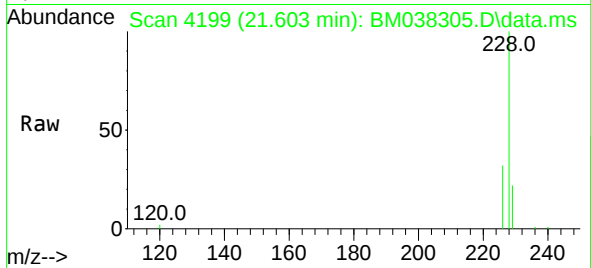
Tgt Ion:228 Resp: 28284
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 29.2 22.2 33.2





#22
Chrysene
Concen: 0.826 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

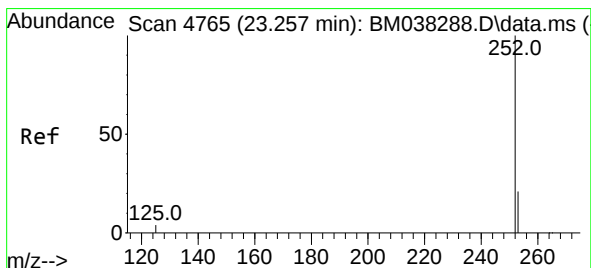
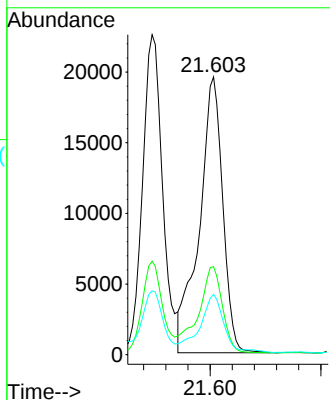
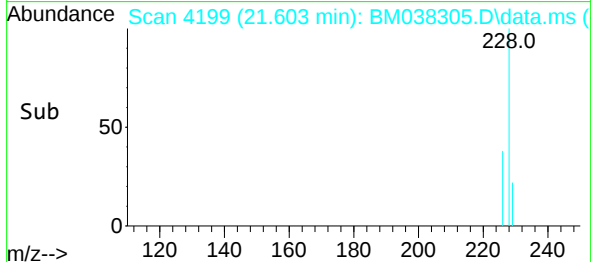
Instrument :
BNA_M
ClientSampleId :
DBYD8DL



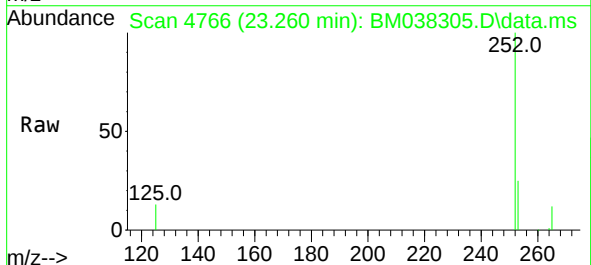
Tgt Ion:228 Resp: 2860
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 21.7 16.0 24.0

Manual Integrations
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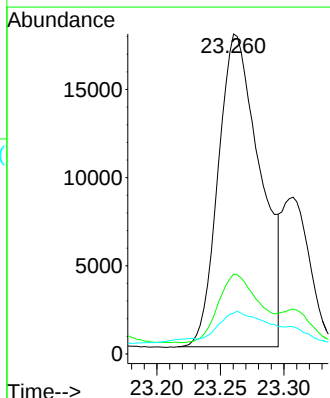
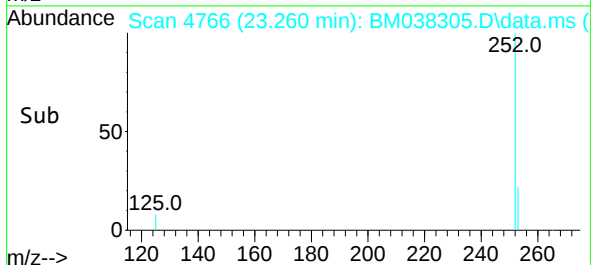
Reviewed By :Yogesh Patel 12/26/2022
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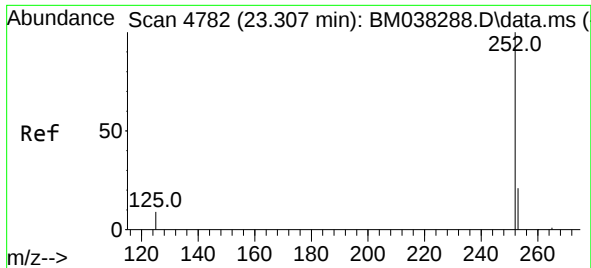


#24
Benzo(b)fluoranthene
Concen: 1.157 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27



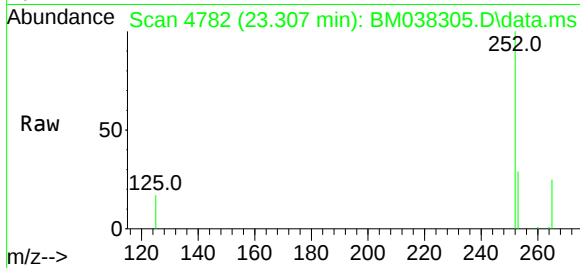
Tgt Ion:252 Resp: 40788
Ion Ratio Lower Upper
252 100
253 25.0 0.0 56.0
125 12.8 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

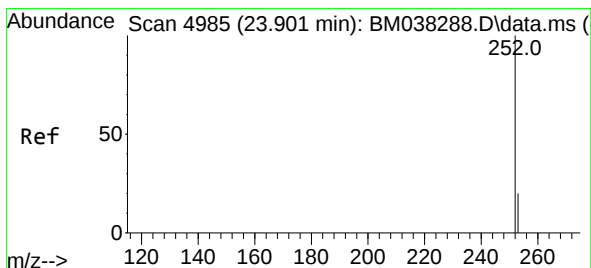
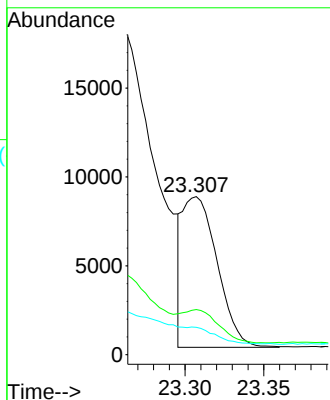
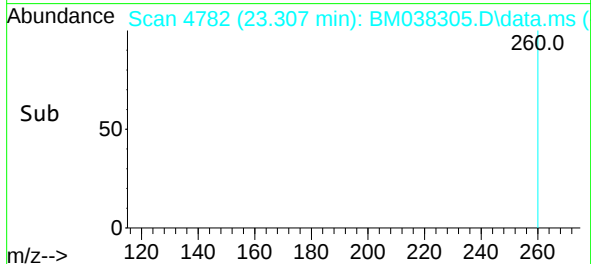
Instrument :
BNA_M
ClientSampleId :
DBYD8DL



Tgt Ion:252 Resp: 12950
Ion Ratio Lower Upper
252 100
253 28.5 22.5 33.7
125 17.3 14.4 21.6

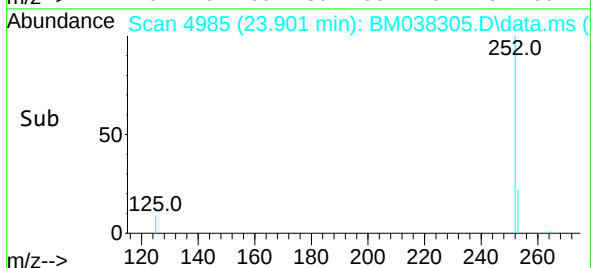
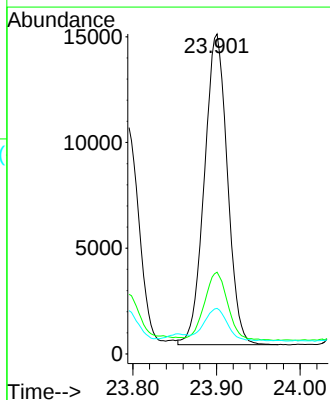
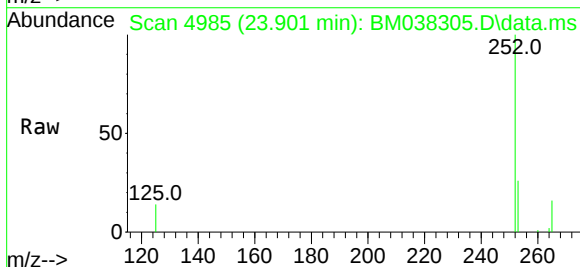
Manual Integrations
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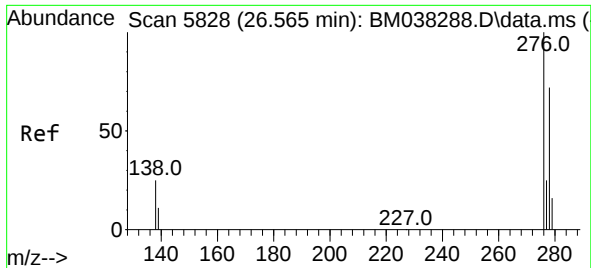
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.914 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Tgt Ion:252 Resp: 28095
Ion Ratio Lower Upper
252 100
253 25.5 24.2 36.4
125 14.3 17.3 25.9#





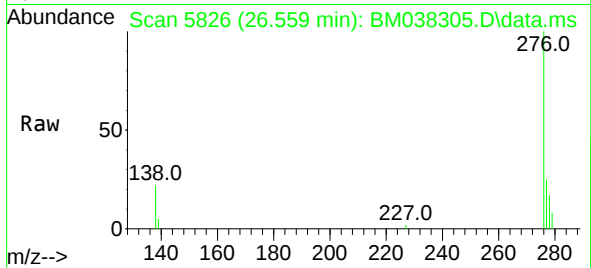
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Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 26.559 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27

Instrument :

BNA_M

ClientSampleId :

DBYD8DL

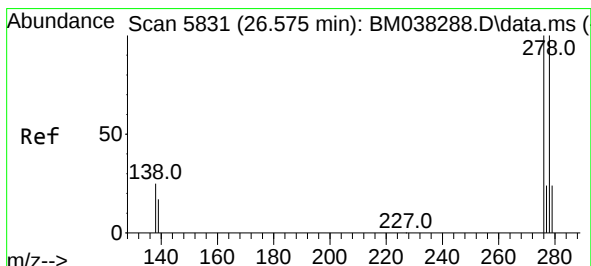
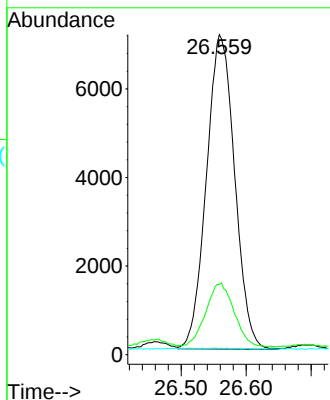
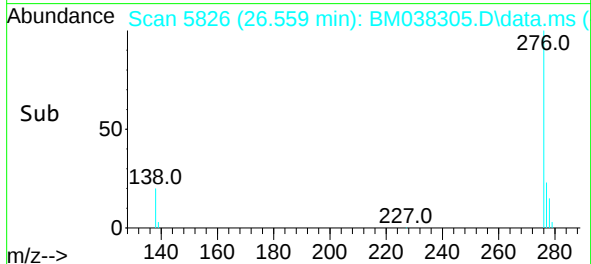


Tgt Ion:276 Resp: 21429
Ion Ratio Lower Upper
276 100
138 19.9 21.7 32.5#
227 0.2 0.0 0.0#

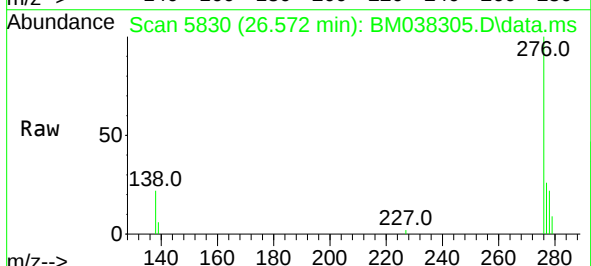
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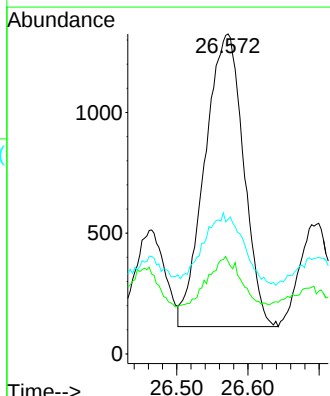
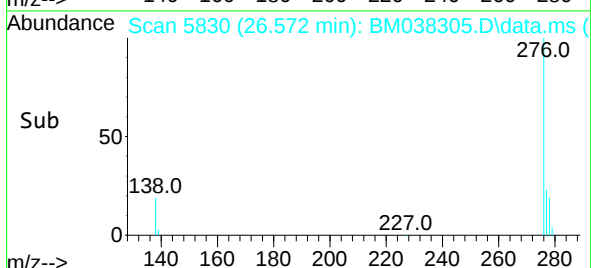
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

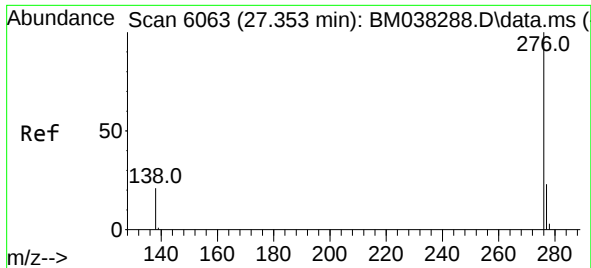


#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038305.D
Acq: 25 Dec 2022 12:27



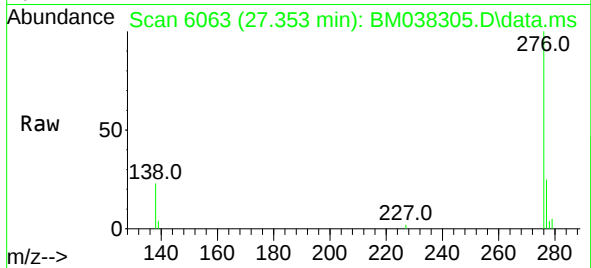
Tgt Ion:278 Resp: 4582
Ion Ratio Lower Upper
278 100
139 28.9 16.8 25.2#
279 42.1 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.580 ng/ul
 RT: 27.353 min Scan# 6063
 Delta R.T. -0.007 min
 Lab File: BM038305.D
 Acq: 25 Dec 2022 12:27

Instrument :
 BNA_M
 ClientSampleId :
 DBYD8DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.8	31.2
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

