

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040977.D
 Acq On : 20 Jul 2023 12:22
 Operator : MA/JU
 Sample : 03452-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 13:00:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4571	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	17266	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	9569	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	22719	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	16942	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	17497	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	21896	2.913	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	8183	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	19255	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	1703	0.036	ng/ul#	85
7) 2-Methylnaphthalene	12.346	142	523	0.020	ng/ul	94
10) Acenaphthylene	14.240	152	1825	0.046	ng/ul#	85
11) Acenaphthene	14.583	153	1117	0.032	ng/ul	97
12) Fluorene	15.573	166	1242	0.034	ng/ul#	97
15) Phenanthrene	17.316	178	23272	0.343	ng/ul	99
16) Anthracene	17.405	178	4041	0.076	ng/ul#	92
19) Fluoranthene	19.334	202	49973	0.571	ng/ul	96
20) Pyrene	19.696	202	45481	0.509	ng/ul	97
21) Benzo(a)anthracene	21.451	228	17890	0.347	ng/ul	97
22) Chrysene	21.504	228	19049	0.323	ng/ul	97
24) Benzo(b)fluoranthene	23.132	252	21277	0.317	ng/ul	99
25) Benzo(k)fluoranthene	23.175	252	8885m	0.139	ng/ul	
26) Benzo(a)pyrene	23.749	252	15184	0.262	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.330	276	10693	0.139	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.340	278	2263	0.039	ng/ul#	55
29) Benzo(g,h,i)perylene	27.095	276	10991	0.155	ng/ul	97

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

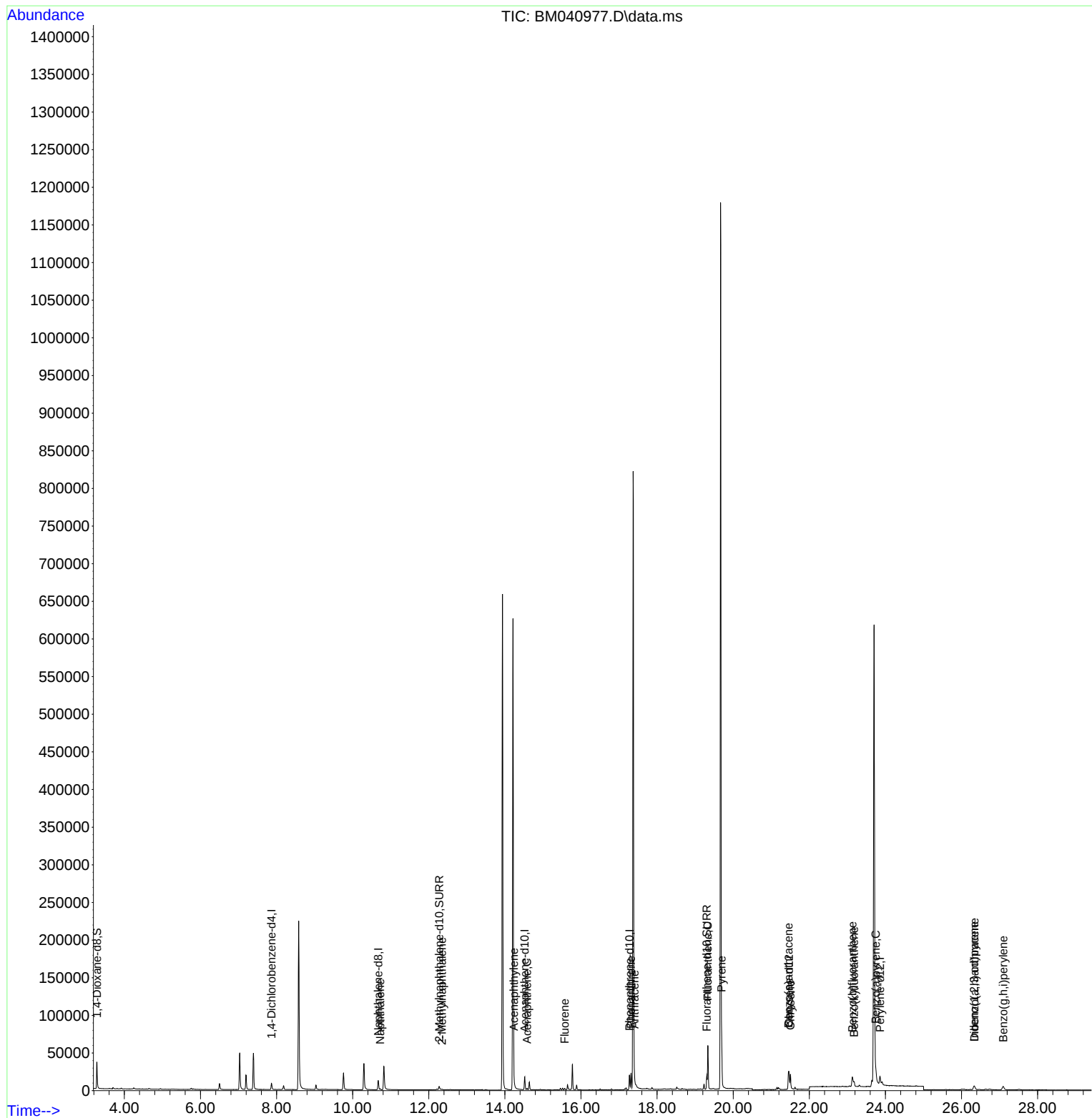
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040977.D
Acq On : 20 Jul 2023 12:22
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Sample : 03452-07
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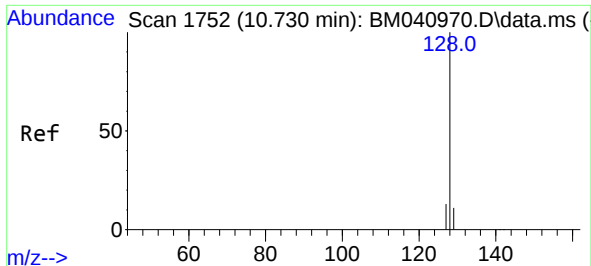
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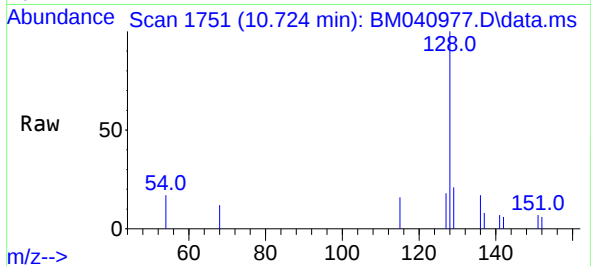
Quant Time: Jul 20 13:00:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

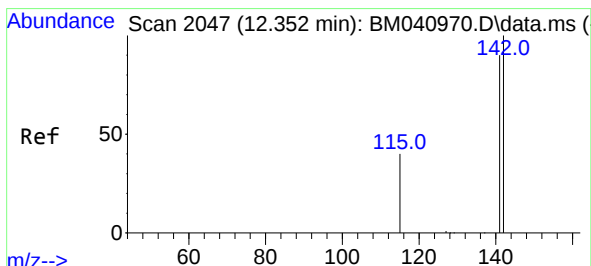
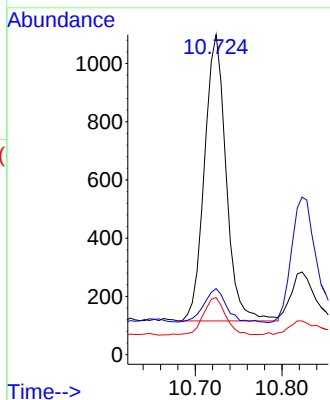
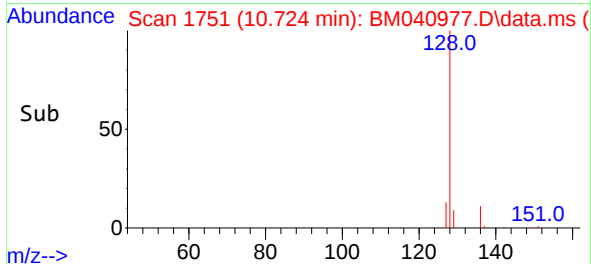
Instrument :
BNA_M
ClientSampleId :
A46N4



Tgt Ion:128 Resp: 170
Ion Ratio Lower Upper
128 100
129 20.7 9.8 14.8
127 17.8 11.0 16.4

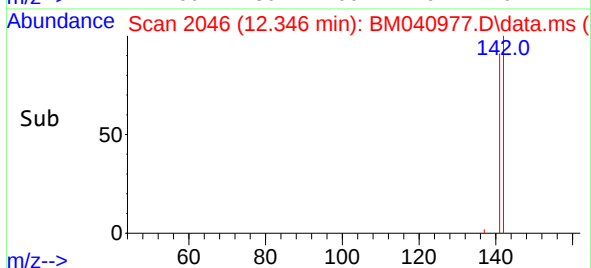
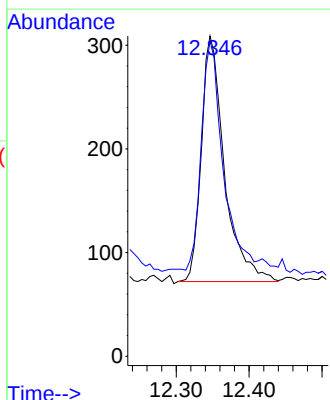
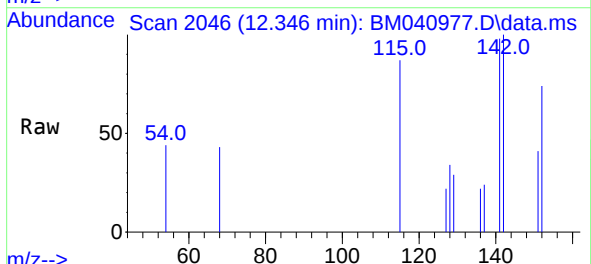
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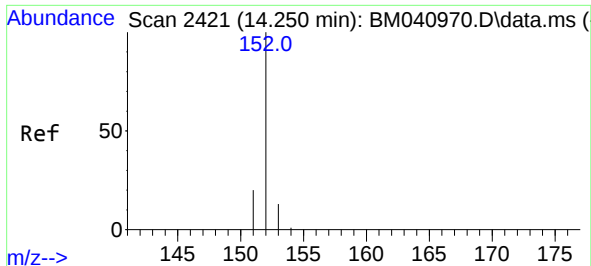
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

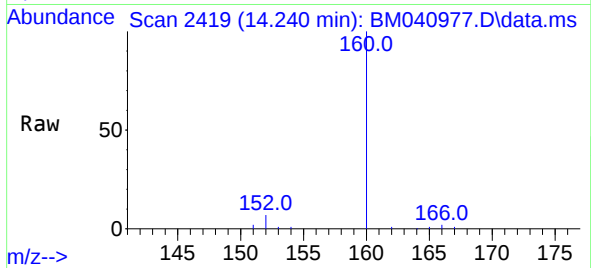
Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
141 96.9 73.2 109.8





#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

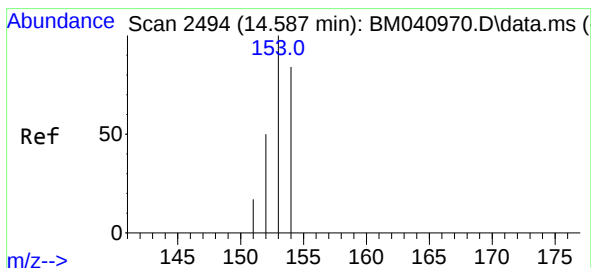
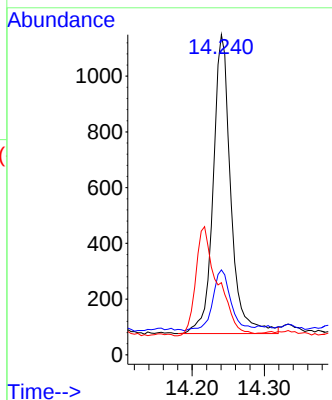
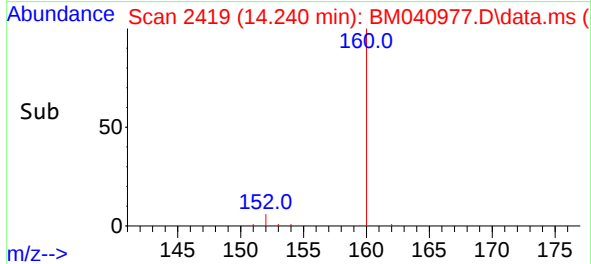
Instrument :
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ClientSampleId :
A46N4



Tgt Ion:152 Resp: 182
Ion Ratio Lower Upper
152 100
151 26.5 16.8 25.2
153 22.5 11.6 17.4

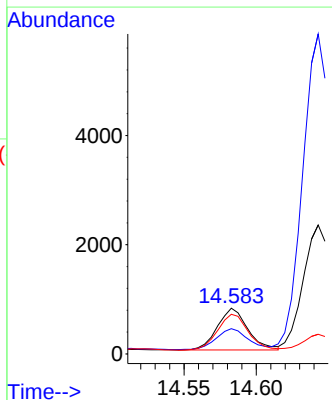
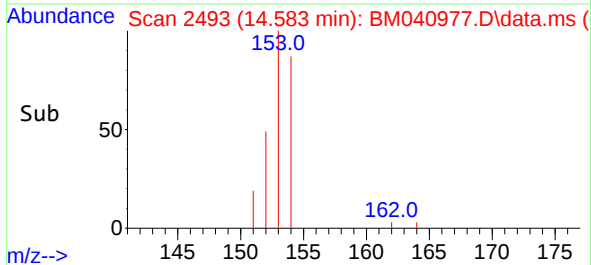
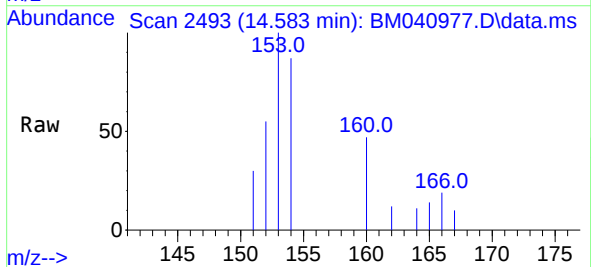
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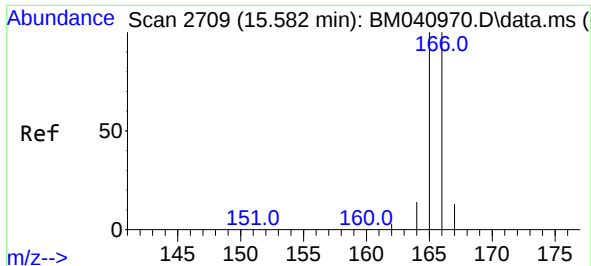
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

Tgt Ion:153 Resp: 1117
Ion Ratio Lower Upper
153 100
152 55.4 41.0 61.6
154 86.9 68.2 102.2





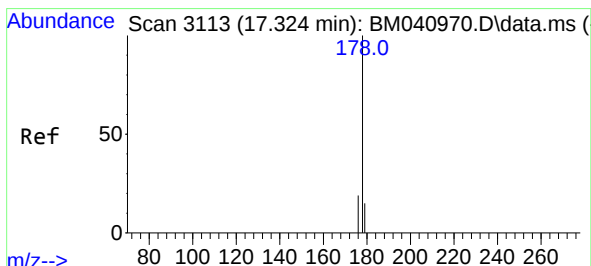
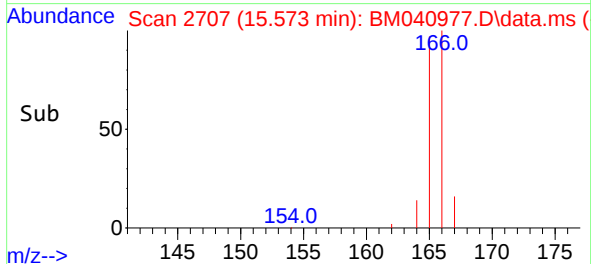
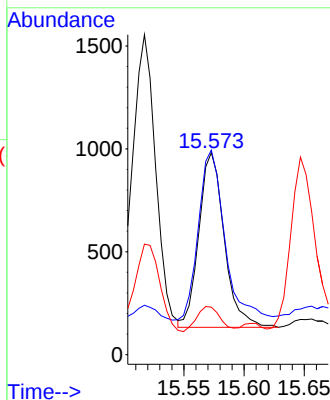
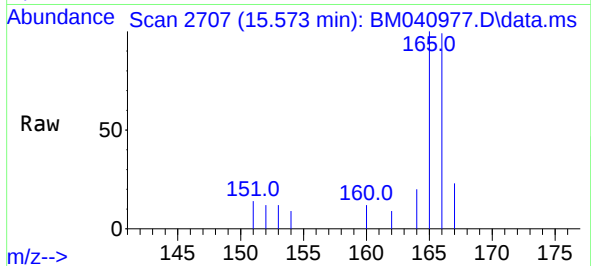
#12
Fluorene
Concen: 0.034 ng/uI
RT: 15.573 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

Instrument :
BNA_M
ClientSampleId :
A46N4

Tgt Ion:166 Resp: 124
Ion Ratio Lower Upper
166 100
165 101.2 80.3 120.5
167 23.5 11.7 17.5

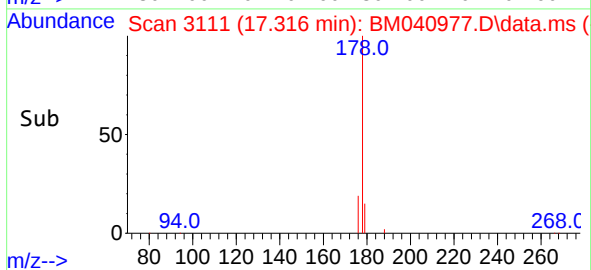
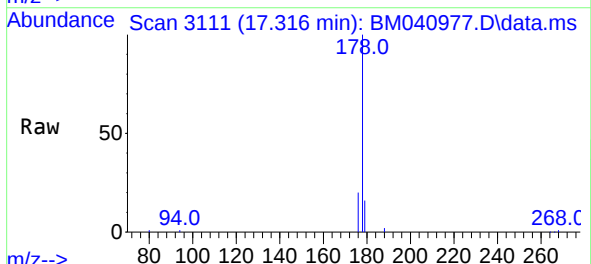
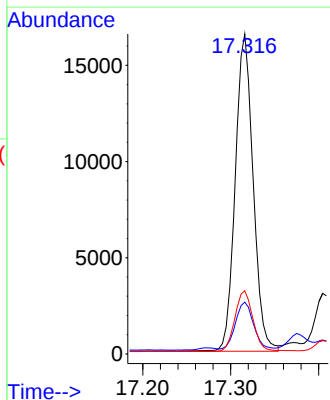
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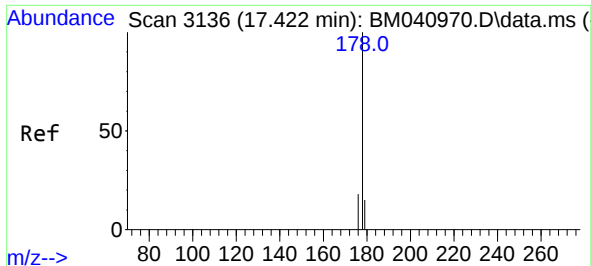
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#15
Phenanthrene
Concen: 0.343 ng/uI
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

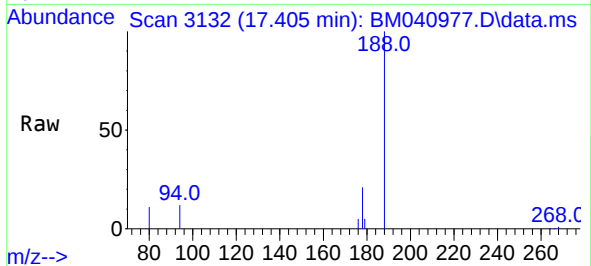
Tgt Ion:178 Resp: 23272
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.8 16.2 24.4





#16
 Anthracene
 Concen: 0.076 ng/u1
 RT: 17.405 min Scan# 3136
 Delta R.T. -0.017 min
 Lab File: BM040977.D
 Acq: 20 Jul 2023 12:22

Instrument :
 BNA_M
 ClientSampleId :
 A46N4

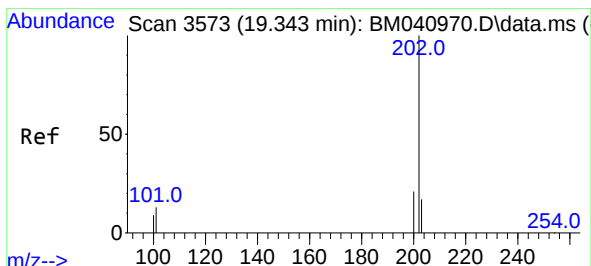
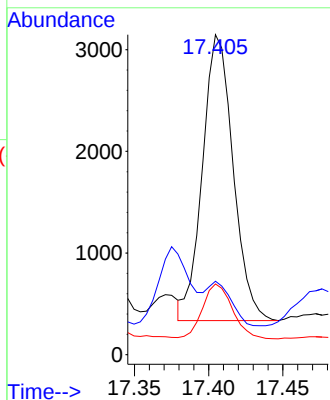
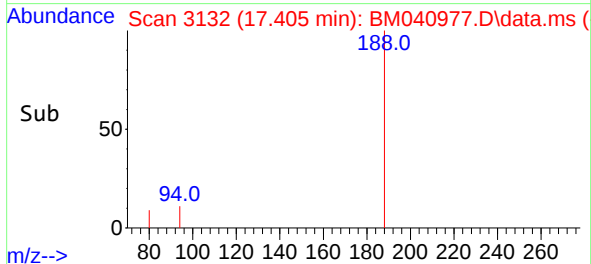


Tgt Ion:178 Resp: 404

Ion	Ratio	Lower	Upper
178	100		
179	23.0	13.7	20.5
176	22.1	16.4	24.6

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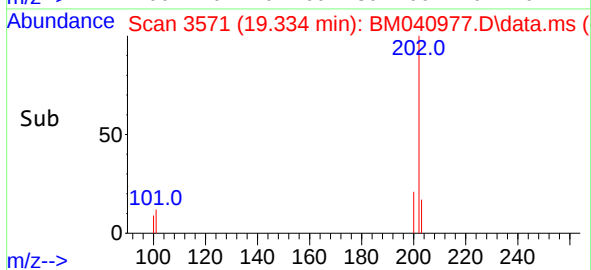
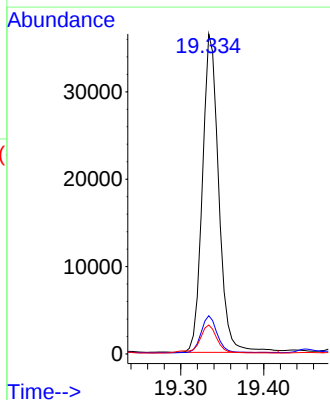
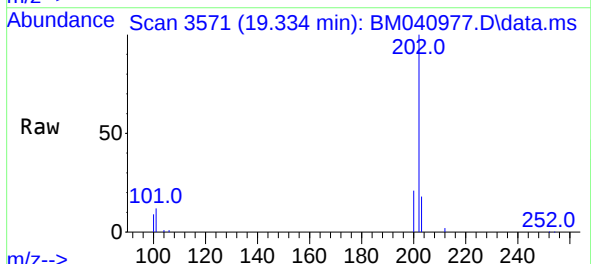
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 Supervised By :Sohil Jodhani 07/20/2023

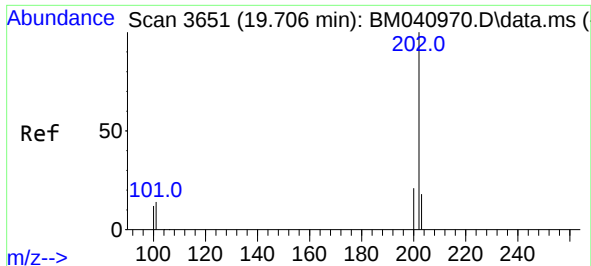


#19
 Fluoranthene
 Concen: 0.571 ng/u1
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BM040977.D
 Acq: 20 Jul 2023 12:22

Tgt Ion:202 Resp: 49973

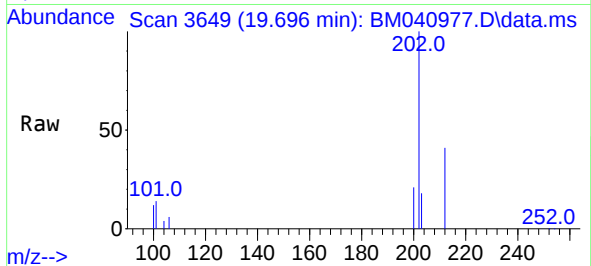
Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.0	16.4
100	9.1	8.3	12.5





#20
Pyrene
Concen: 0.509 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

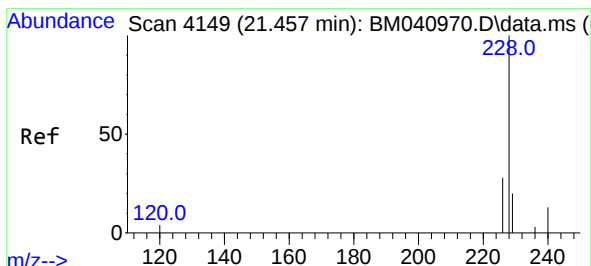
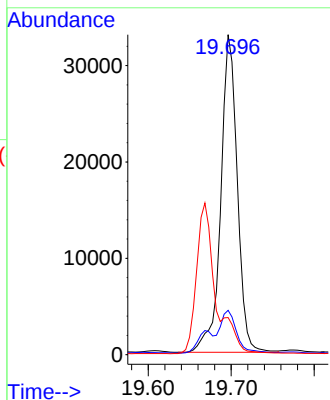
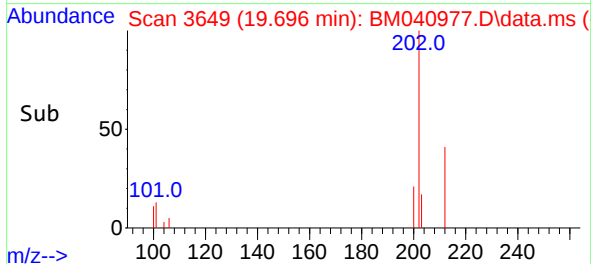
Instrument :
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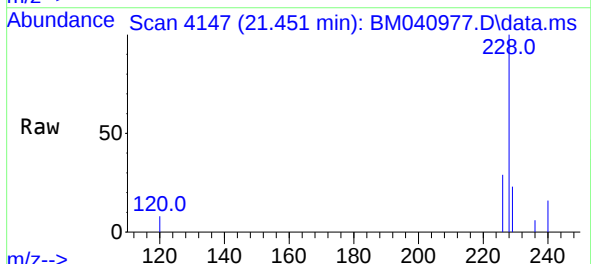
Tgt Ion:202 Resp: 4548
Ion Ratio Lower Upper
202 100
101 13.9 12.5 18.7
100 11.6 10.0 15.0

Manual Integrations
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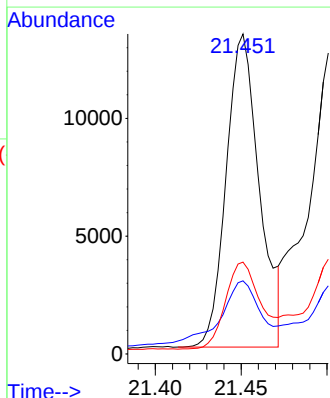
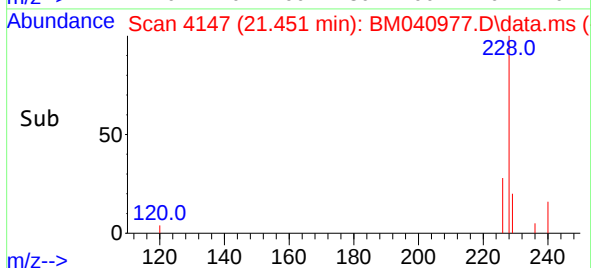
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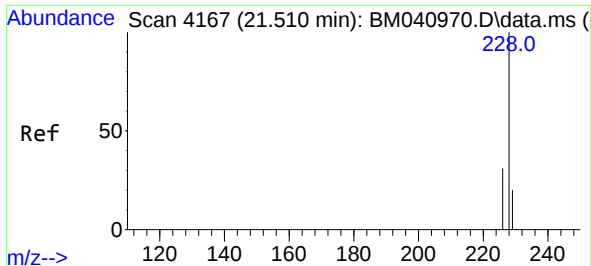


#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22



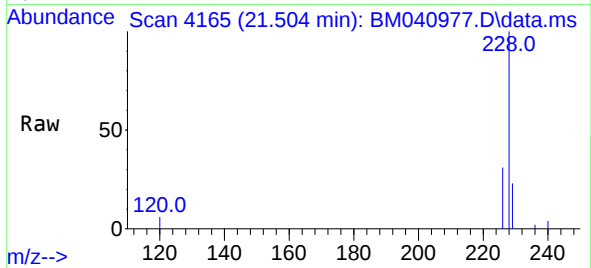
Tgt Ion:228 Resp: 17890
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.4
226 28.7 22.3 33.5





#22
Chrysene
Concen: 0.323 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

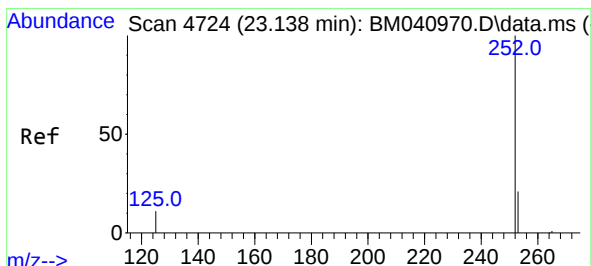
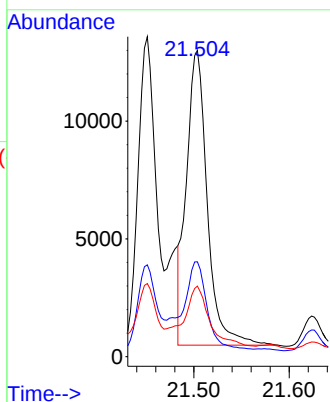
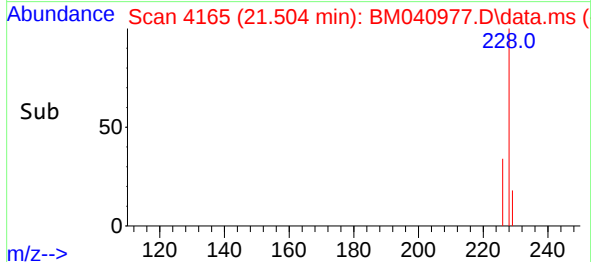
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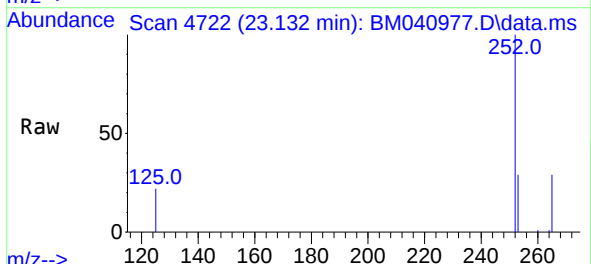
Tgt Ion:228 Resp: 19049
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 23.0 16.1 24.1

Manual Integrations
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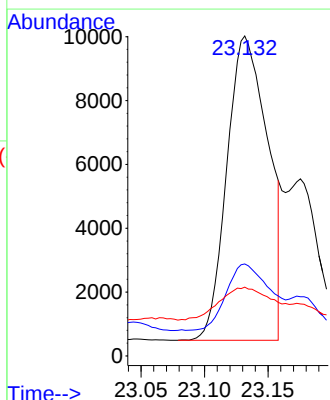
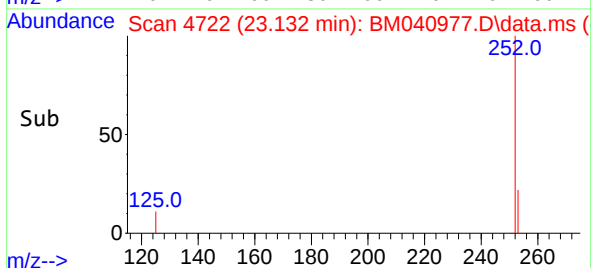
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

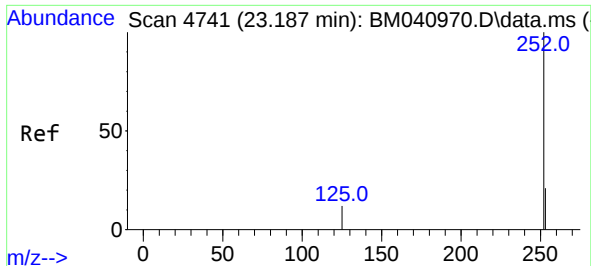


#24
Benzo(b)fluoranthene
Concen: 0.317 ng/u1
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22



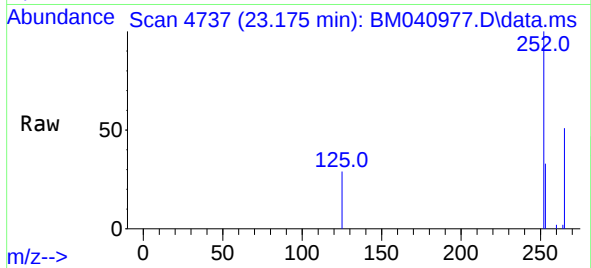
Tgt Ion:252 Resp: 21277
Ion Ratio Lower Upper
252 100
253 28.8 0.0 57.4
125 21.5 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.175 min Scan# 4737
Delta R.T. -0.012 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

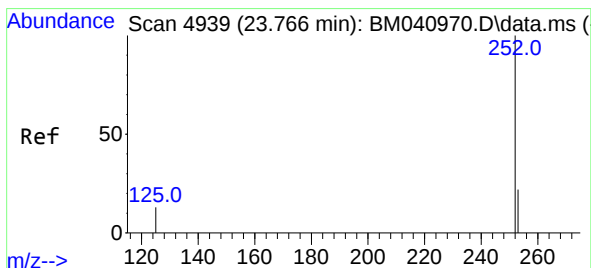
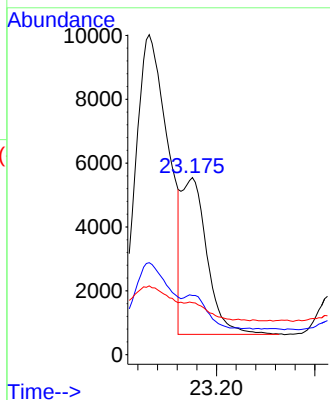
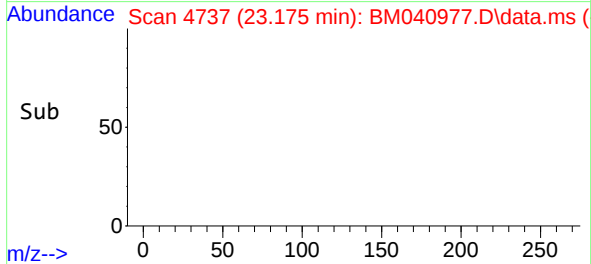
Instrument :
BNA_M
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A46N4



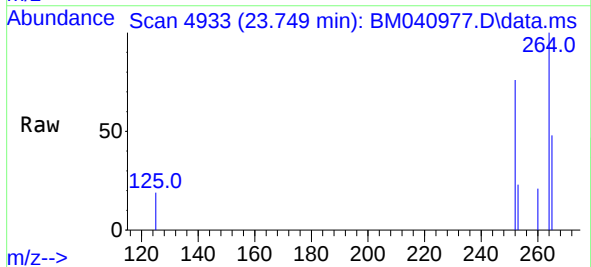
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Ion Ratio Lower Upper
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253 33.4 23.3 34.9
125 29.4 18.2 27.2

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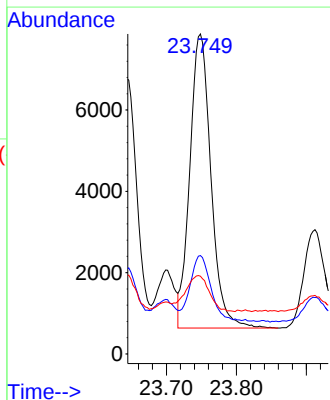
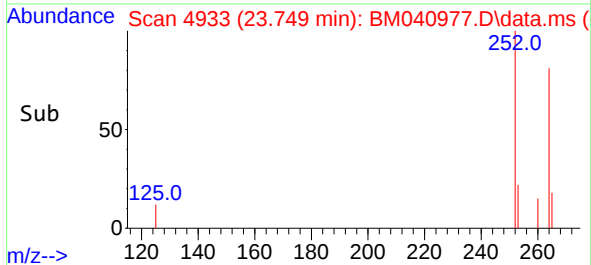
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

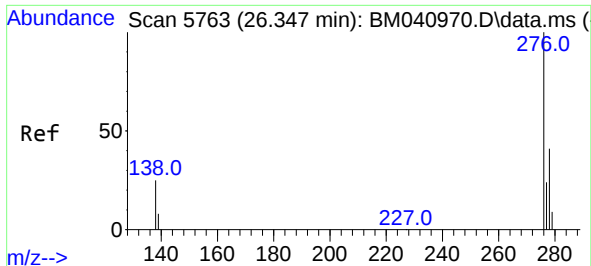


#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.749 min Scan# 4933
Delta R.T. -0.015 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22



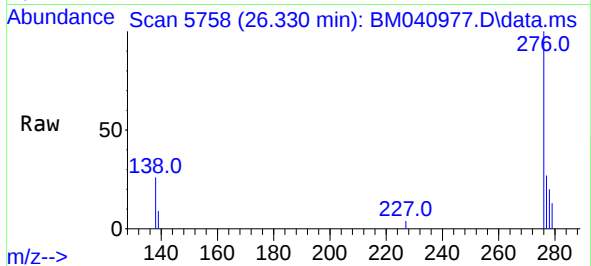
Tgt Ion:252 Resp: 15184
Ion Ratio Lower Upper
252 100
253 30.8 28.2 42.2
125 24.3 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng/ul
RT: 26.330 min Scan# 5763
Delta R.T. -0.020 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

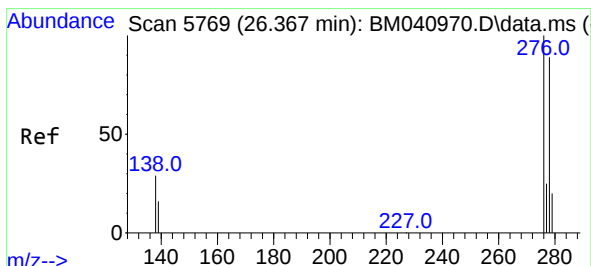
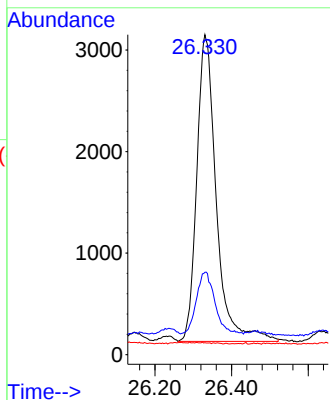
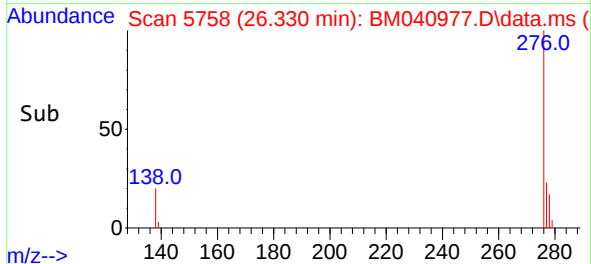
Instrument :
BNA_M
ClientSampleId :
A46N4



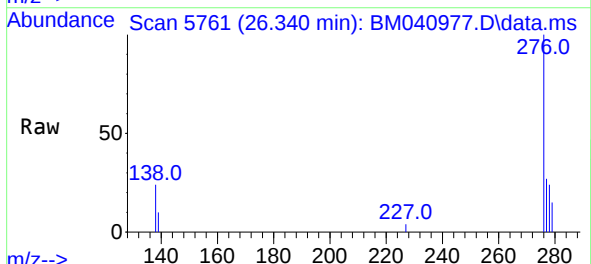
Tgt Ion: 276 Resp: 1069
Ion Ratio Lower Upper
276 100
138 19.1 22.3 33.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

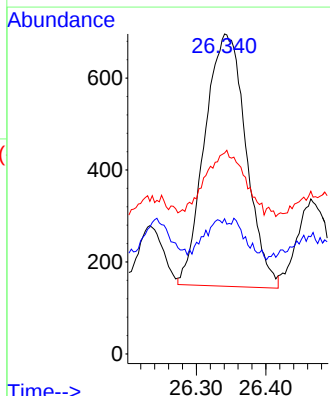
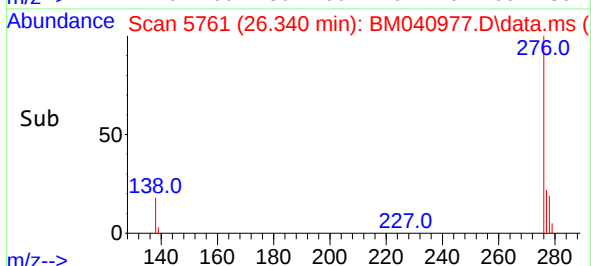
Reviewed By : Yogesh Patel 07/20/2023
Supervised By : Sohil Jodhani 07/20/2023

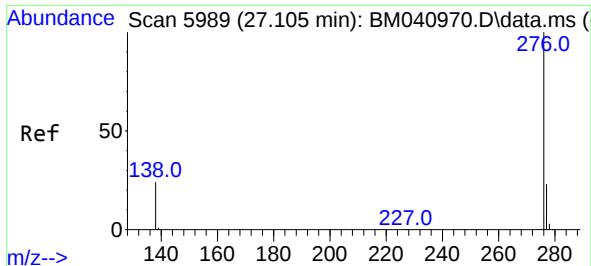


#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 26.340 min Scan# 5761
Delta R.T. -0.027 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22



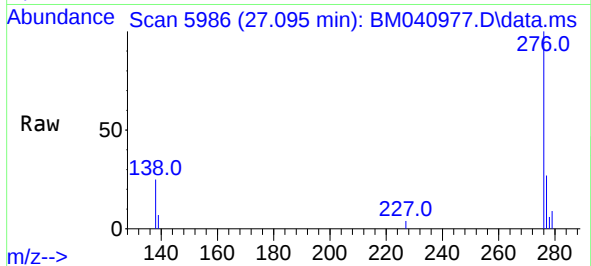
Tgt Ion: 278 Resp: 2263
Ion Ratio Lower Upper
278 100
139 42.2 19.2 28.8#
279 62.8 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.155 ng/ul
RT: 27.095 min Scan# 5989
Delta R.T. -0.007 min
Lab File: BM040977.D
Acq: 20 Jul 2023 12:22

Instrument :
BNA_M
ClientSampleId :
A46N4



Tgt Ion: 276 Resp: 1099

Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.6	34.0
277	26.8	21.2	31.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

