

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040982.D
 Acq On : 20 Jul 2023 15:29
 Operator : MA/JU
 Sample : 03452-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46P0

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 17:07:26 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	2857	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	10210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	6018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	10244	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	12558	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	6791	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	17791	3.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	5935	0.436	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	10515	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	1533	0.055	ng/ul#	85
7) 2-Methylnaphthalene	12.341	142	502	0.033	ng/ul	97
10) Acenaphthylene	14.240	152	1998	0.079	ng/ul#	89
11) Acenaphthene	14.583	153	802	0.036	ng/ul	94
12) Fluorene	15.573	166	1541	0.067	ng/ul#	97
15) Phenanthrene	17.316	178	16971	0.554	ng/ul	100
16) Anthracene	17.405	178	3153	0.132	ng/ul#	93
19) Fluoranthene	19.334	202	45854	0.707	ng/ul	99
20) Pyrene	19.696	202	41209	0.622	ng/ul	98
21) Benzo(a)anthracene	21.451	228	26033	0.681	ng/ul	96
22) Chrysene	21.504	228	30574	0.699	ng/ul	96
24) Benzo(b)fluoranthene	23.135	252	17589	0.675	ng/ul	97
25) Benzo(k)fluoranthene	23.176	252	6943m	0.280	ng/ul	
26) Benzo(a)pyrene	23.749	252	9471	0.421	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.334	276	8236	0.276	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.347	278	1682	0.074	ng/ul#	64
29) Benzo(g,h,i)perylene	27.095	276	8336	0.302	ng/ul	99

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

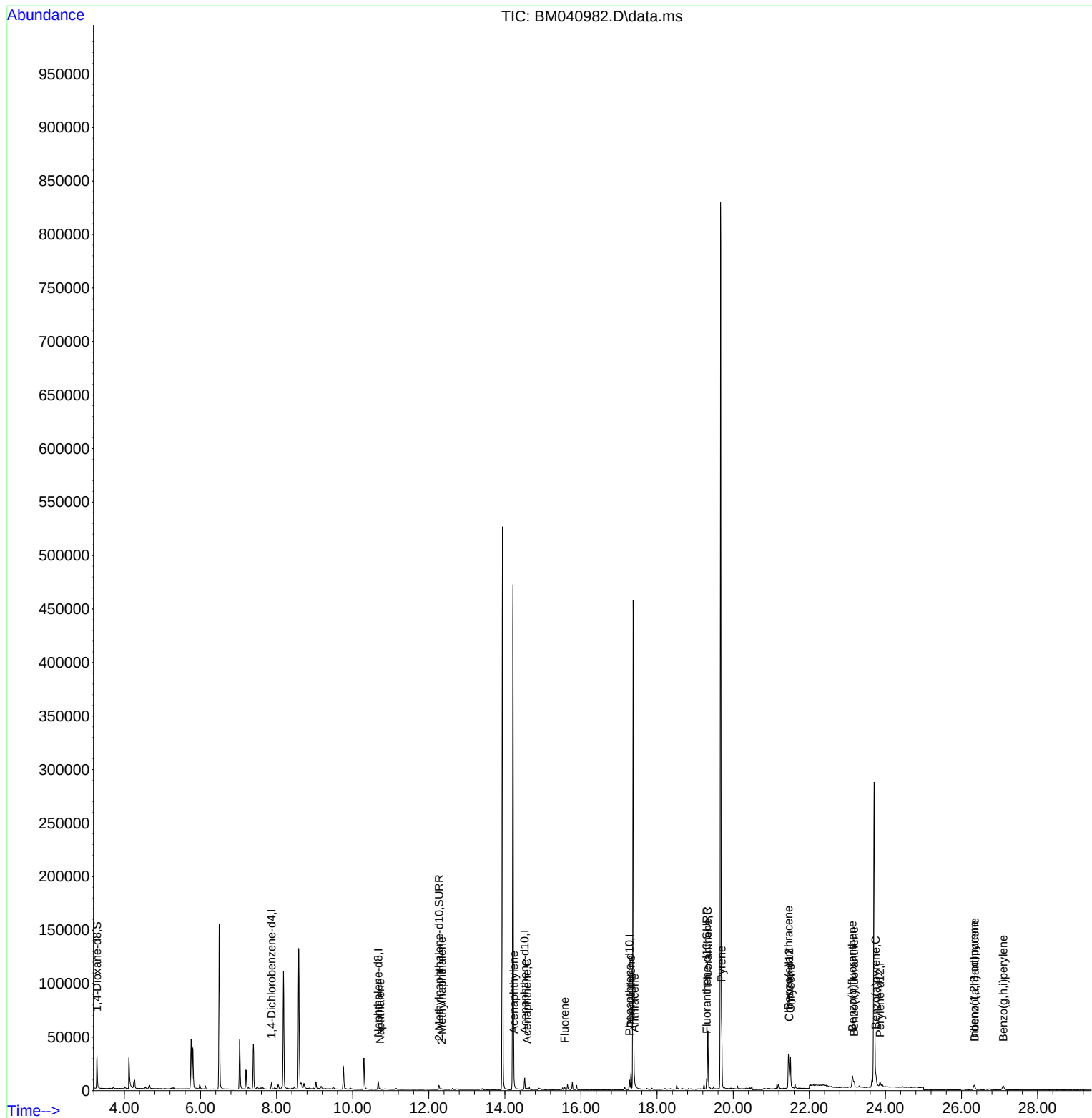
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040982.D
Acq On : 20 Jul 2023 15:29
Operator : MA/JU
Sample : 03452-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

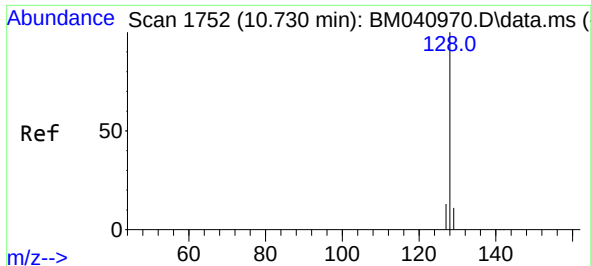
Instrument :
BNA_M
ClientSampleId :
A46P0

Manual Integrations
APPROVED

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

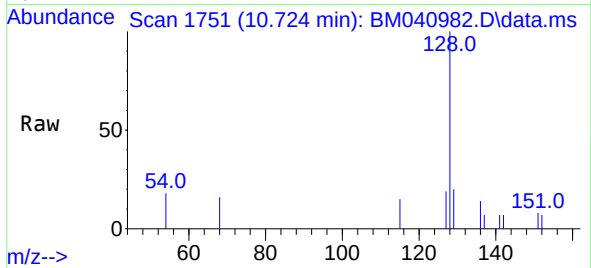
Quant Time: Jul 20 17:07:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

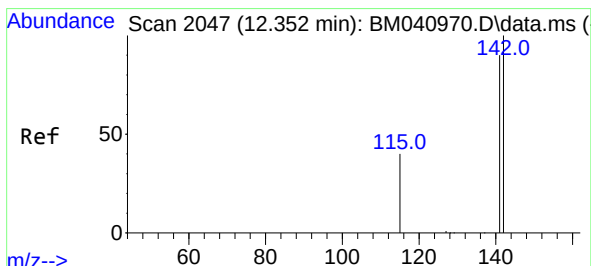
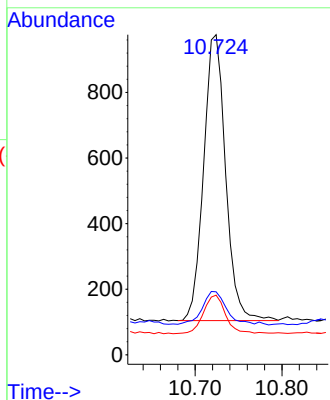
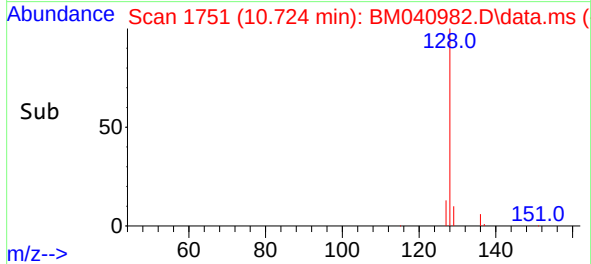
Instrument :
BNA_M
ClientSampleId :
A46P0



Tgt Ion:128 Resp: 153
Ion Ratio Lower Upper
128 100
129 19.7 9.8 14.8
127 18.6 11.0 16.4

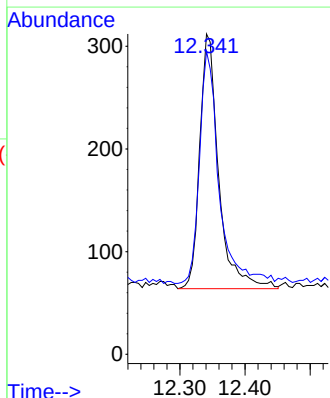
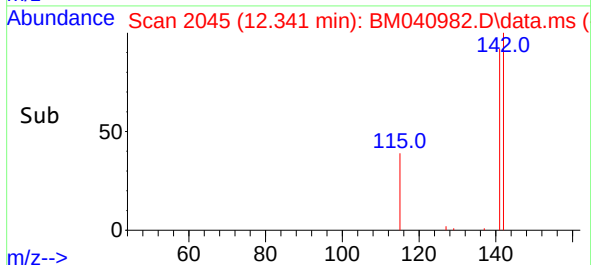
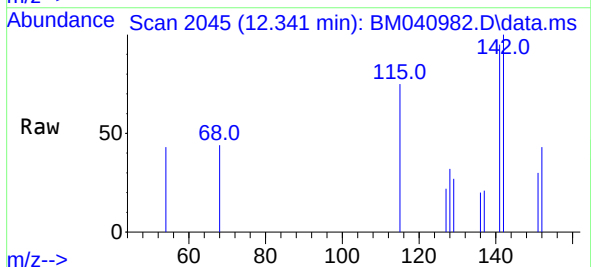
Manual Integrations
APPROVED

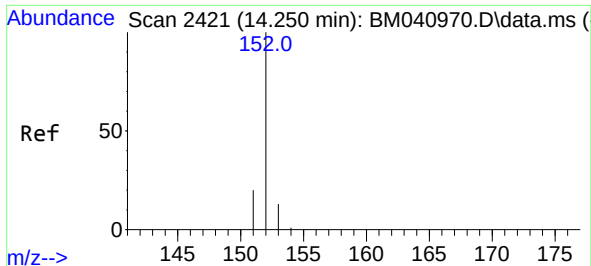
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

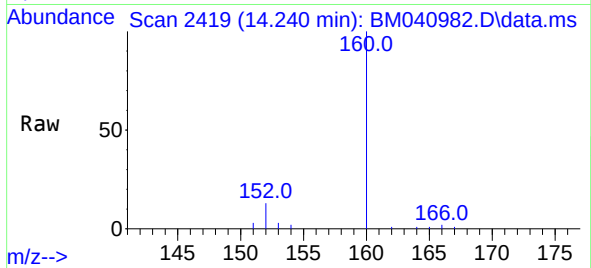
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
141 94.6 73.2 109.8





#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

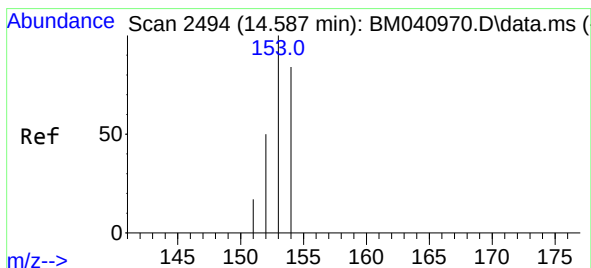
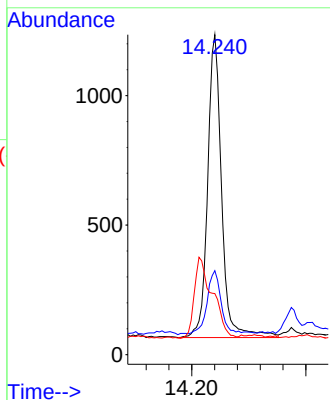
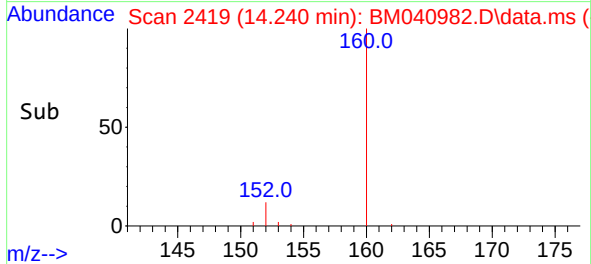
Instrument :
BNA_M
ClientSampleId :
A46P0



Tgt Ion:152 Resp: 1998
Ion Ratio Lower Upper
152 100
151 26.2 16.8 25.2
153 19.1 11.6 17.4

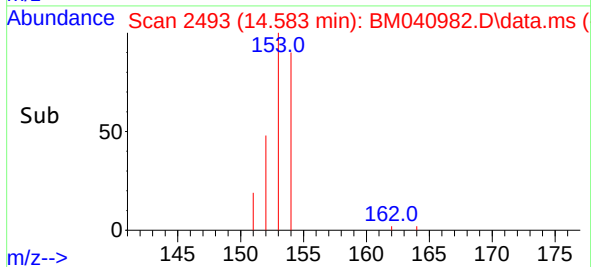
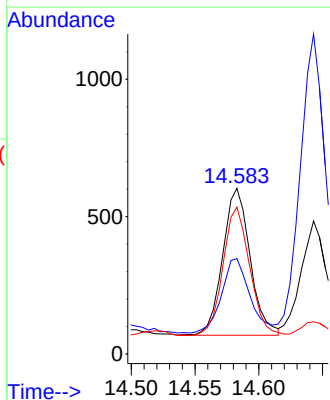
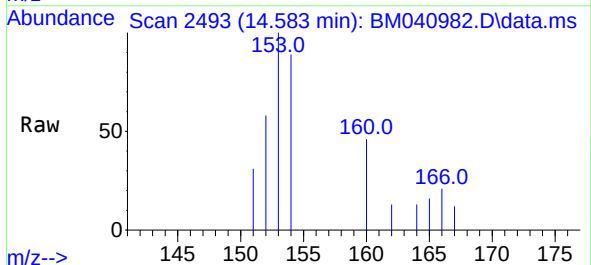
Manual Integrations
APPROVED

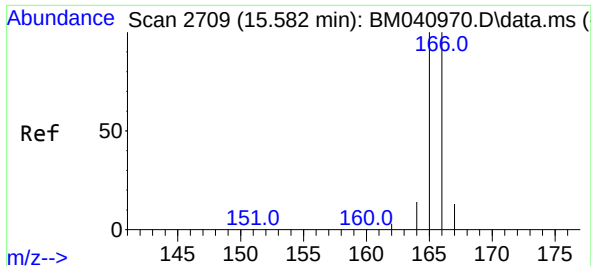
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

Tgt Ion:153 Resp: 802
Ion Ratio Lower Upper
153 100
152 57.5 41.0 61.6
154 88.7 68.2 102.2





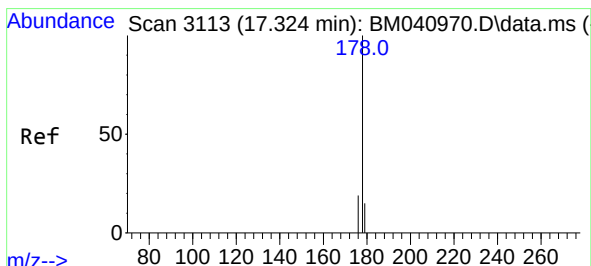
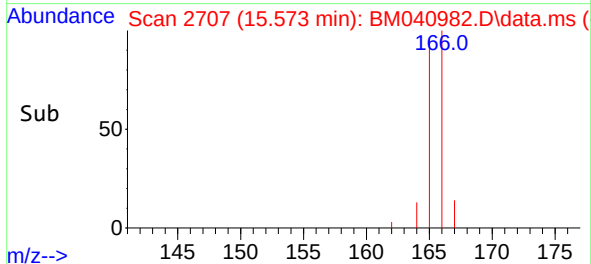
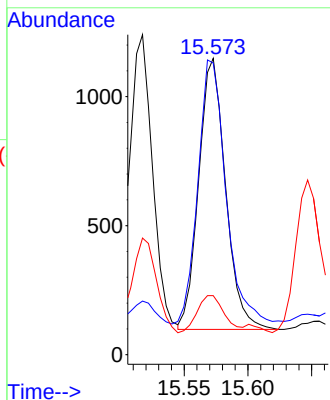
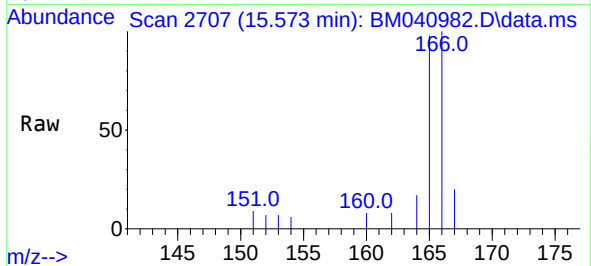
#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.573 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

Instrument :
BNA_M
ClientSampleId :
A46P0

Tgt Ion:166 Resp: 154
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 19.9 11.7 17.5

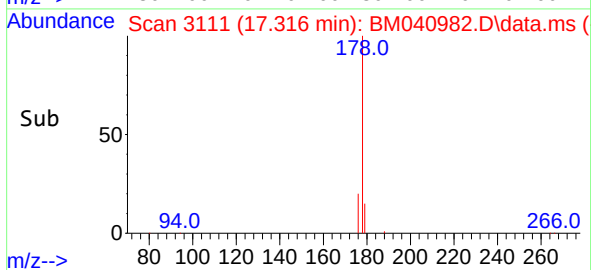
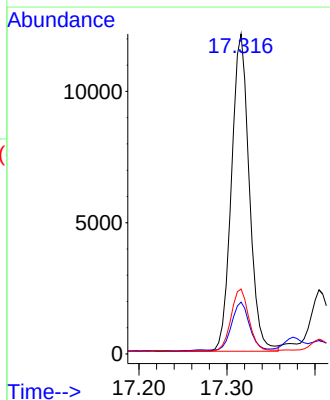
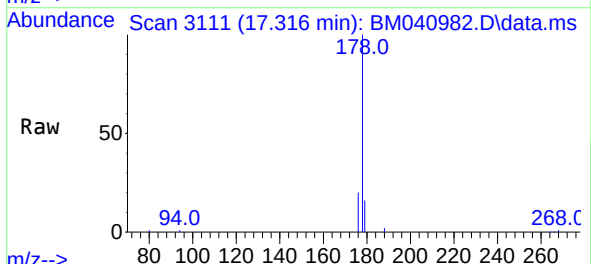
Manual Integrations
APPROVED

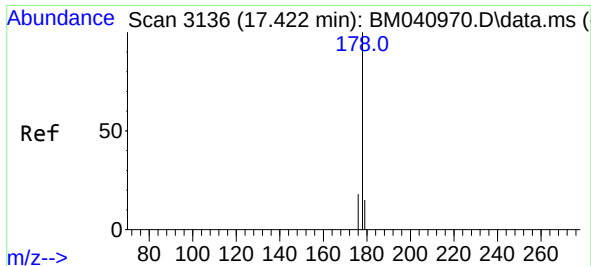
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#15
Phenanthrene
Concen: 0.554 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

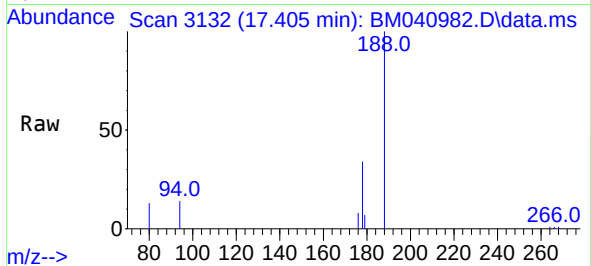
Tgt Ion:178 Resp: 16971
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 20.3 16.2 24.4





#16
 Anthracene
 Concen: 0.132 ng/ul
 RT: 17.405 min Scan# 3136
 Delta R.T. -0.017 min
 Lab File: BM040982.D
 Acq: 20 Jul 2023 15:29

Instrument :
 BNA_M
 ClientSampleId :
 A46P0

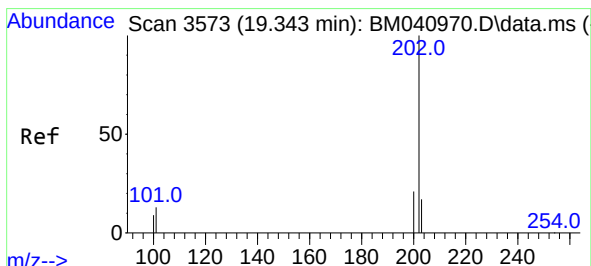
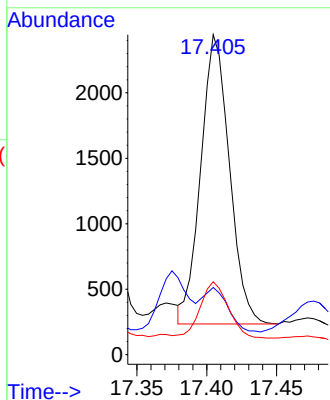
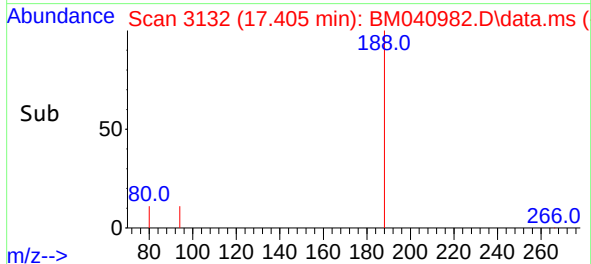


Tgt Ion:178 Resp: 315

Ion	Ratio	Lower	Upper
178	100		
179	21.0	13.7	20.5
176	22.8	16.4	24.6

Manual Integrations
 APPROVED

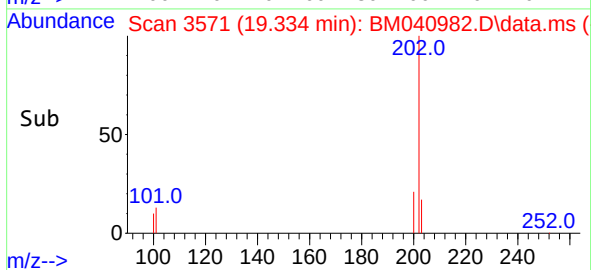
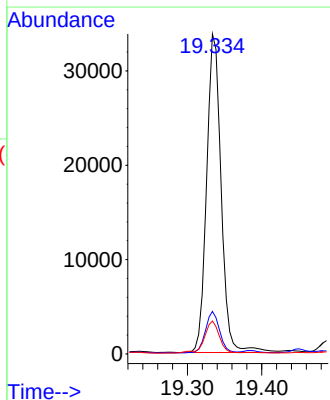
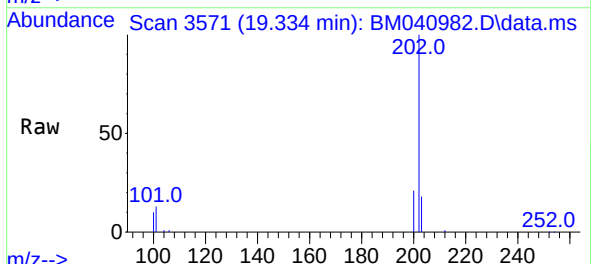
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

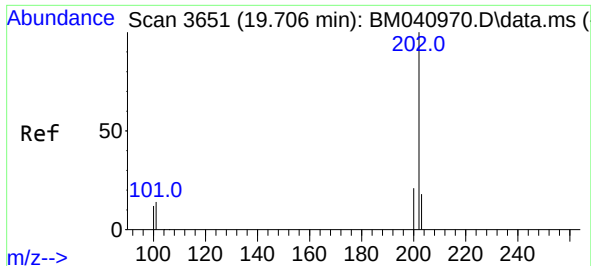


#19
 Fluoranthene
 Concen: 0.707 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BM040982.D
 Acq: 20 Jul 2023 15:29

Tgt Ion:202 Resp: 45854

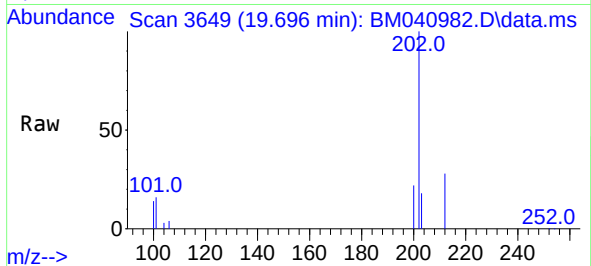
Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	10.3	8.3	12.5





#20
Pyrene
Concen: 0.622 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

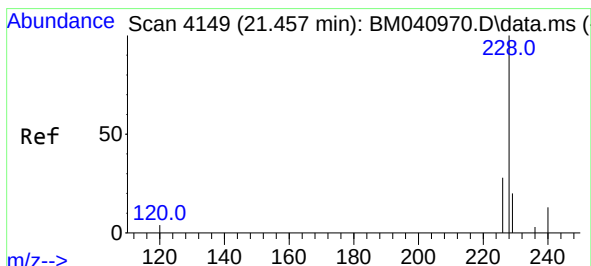
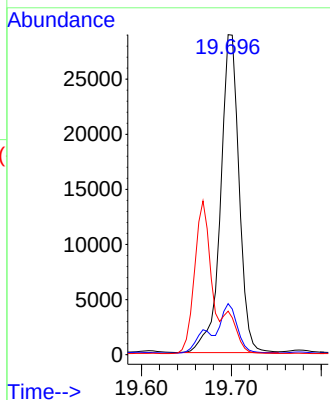
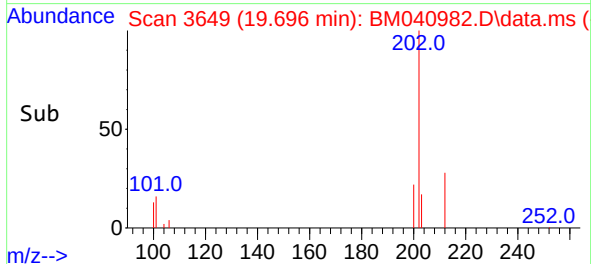
Instrument :
BNA_M
ClientSampleId :
A46P0



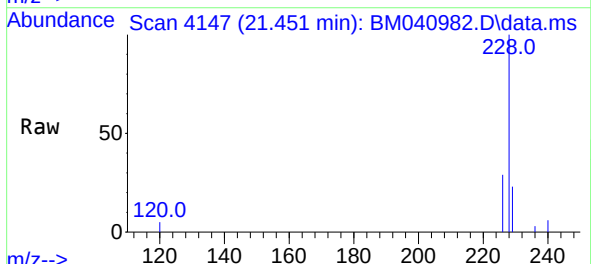
Tgt Ion:202 Resp: 41209
Ion Ratio Lower Upper
202 100
101 16.0 12.5 18.7
100 13.6 10.0 15.0

Manual Integrations
APPROVED

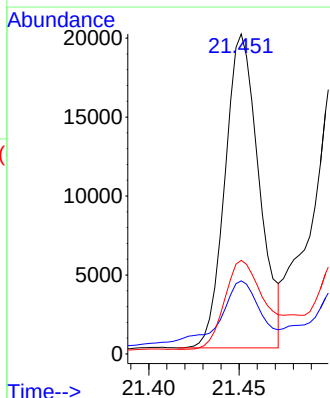
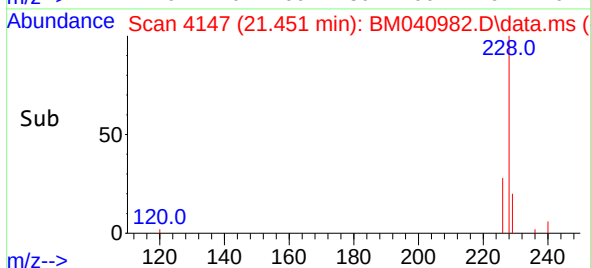
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

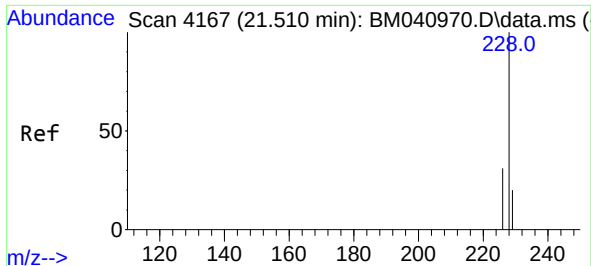


#21
Benzo(a)anthracene
Concen: 0.681 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29



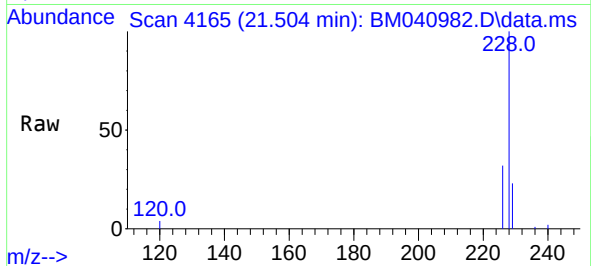
Tgt Ion:228 Resp: 26033
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.4
226 29.2 22.3 33.5





#22
Chrysene
Concen: 0.699 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

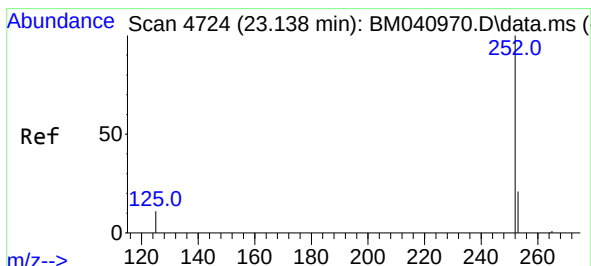
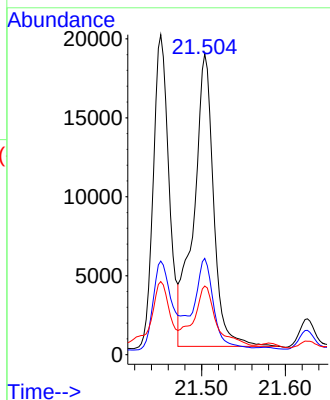
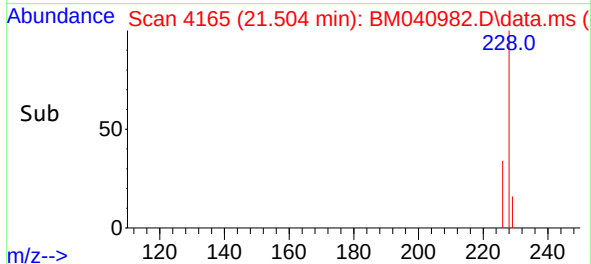
Instrument :
BNA_M
ClientSampleId :
A46P0



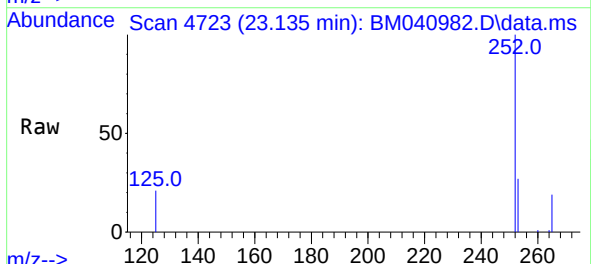
Tgt Ion:228 Resp: 30574
Ion Ratio Lower Upper
228 100
226 32.0 24.6 37.0
229 22.8 16.1 24.1

Manual Integrations
APPROVED

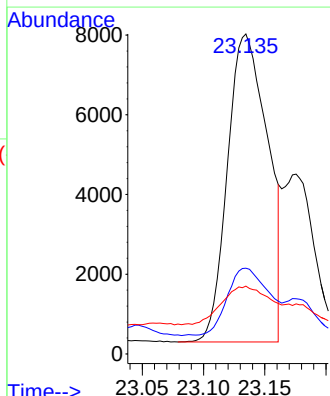
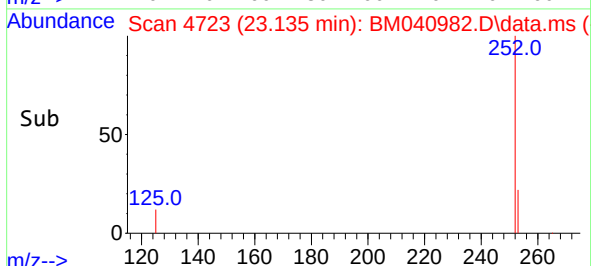
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

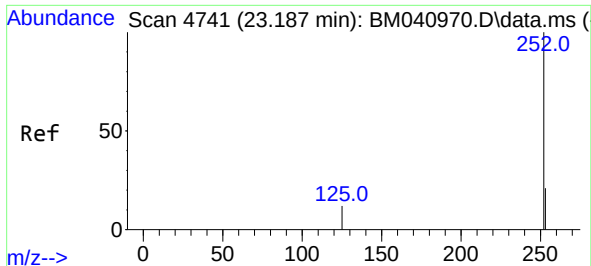


#24
Benzo(b)fluoranthene
Concen: 0.675 ng/u1
RT: 23.135 min Scan# 4723
Delta R.T. 0.000 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29



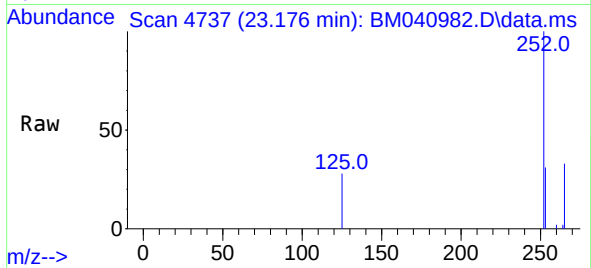
Tgt Ion:252 Resp: 17589
Ion Ratio Lower Upper
252 100
253 26.8 0.0 57.4
125 21.2 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul m
RT: 23.176 min Scan# 4737
Delta R.T. -0.012 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

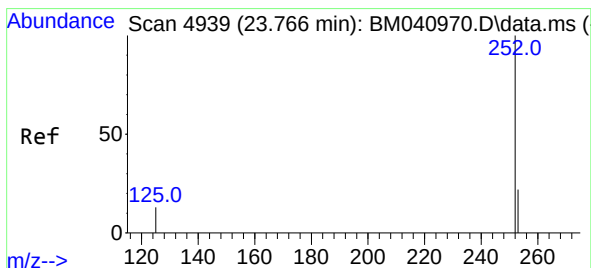
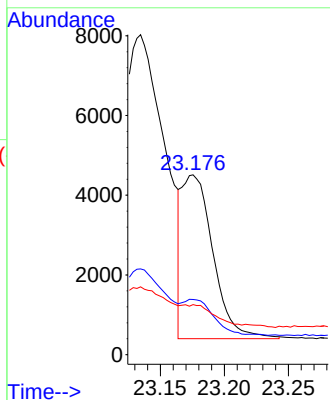
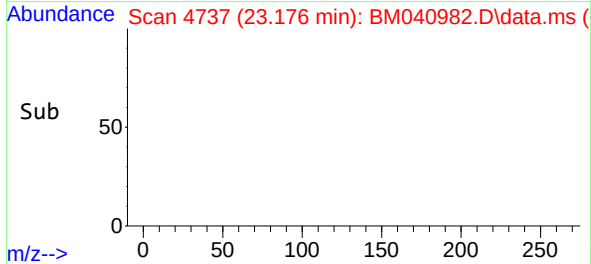
Instrument :
BNA_M
ClientSampleId :
A46P0



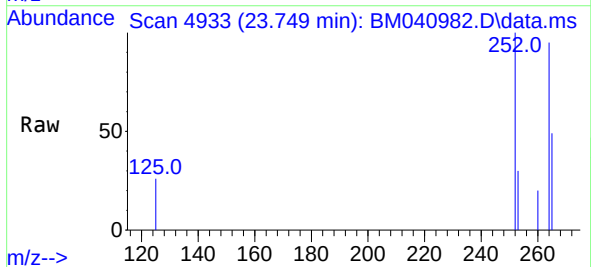
Tgt Ion:252 Resp: 6943
Ion Ratio Lower Upper
252 100
253 30.7 23.3 34.9
125 27.9 18.2 27.2

Manual Integrations
APPROVED

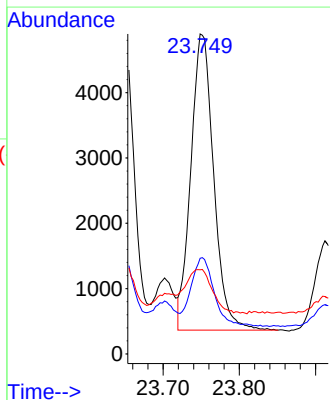
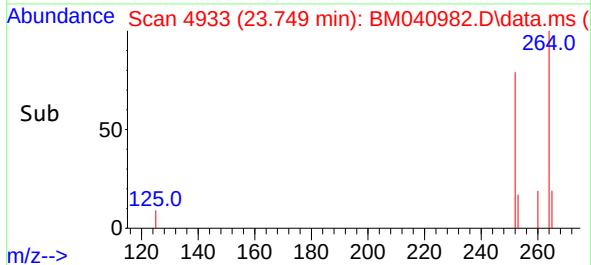
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

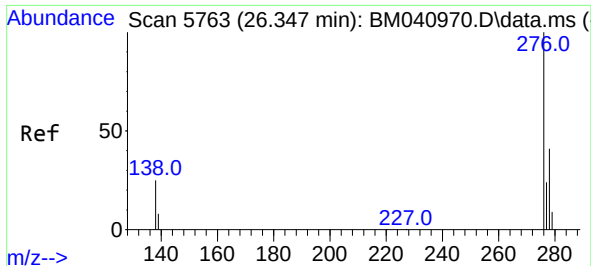


#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.749 min Scan# 4933
Delta R.T. -0.015 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29



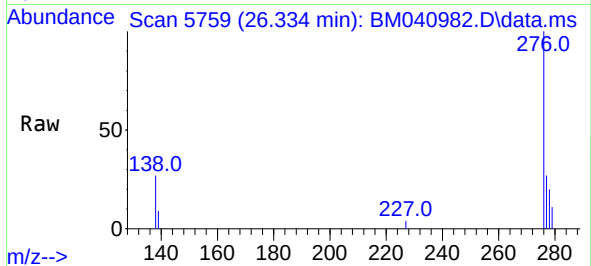
Tgt Ion:252 Resp: 9471
Ion Ratio Lower Upper
252 100
253 29.9 28.2 42.2
125 26.3 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

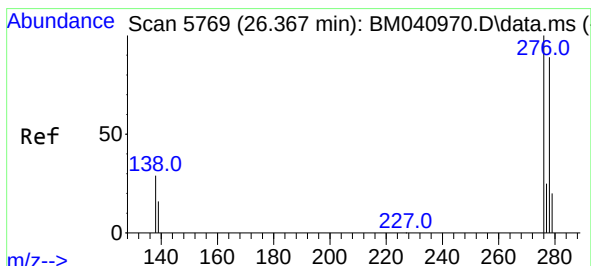
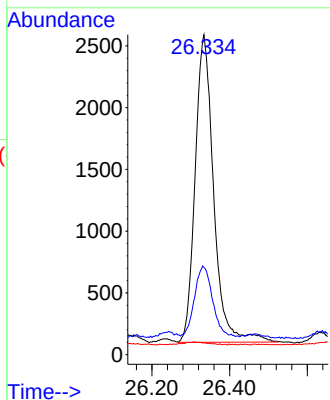
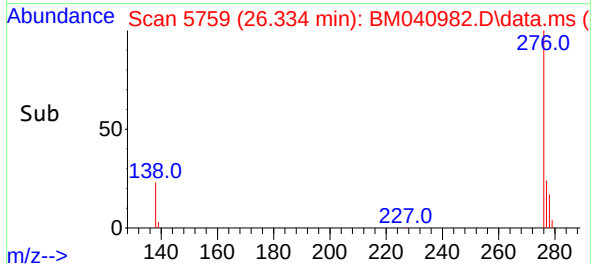
Instrument :
BNA_M
ClientSampleId :
A46P0



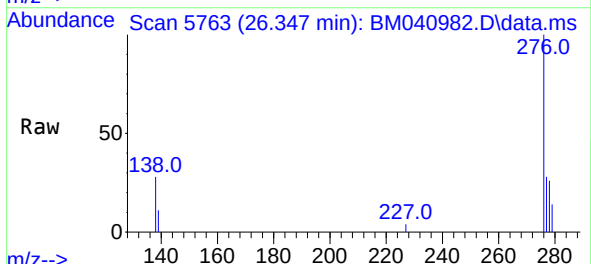
Tgt Ion:276 Resp: 8230
Ion Ratio Lower Upper
276 100
138 22.4 22.3 33.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

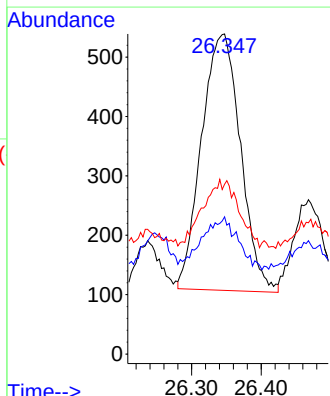
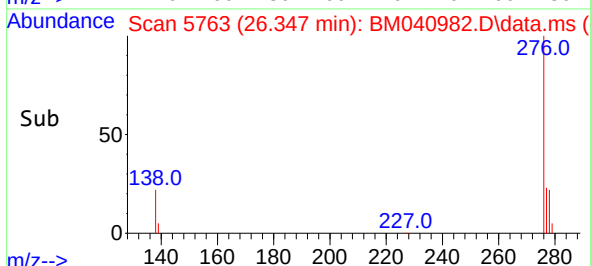
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

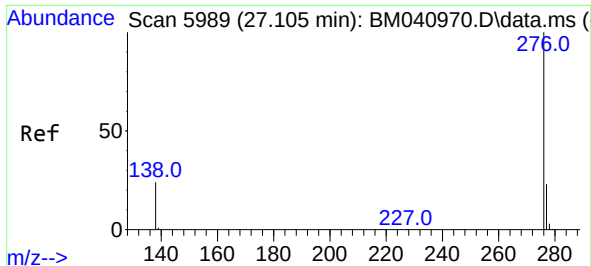


#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.347 min Scan# 5763
Delta R.T. -0.020 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29



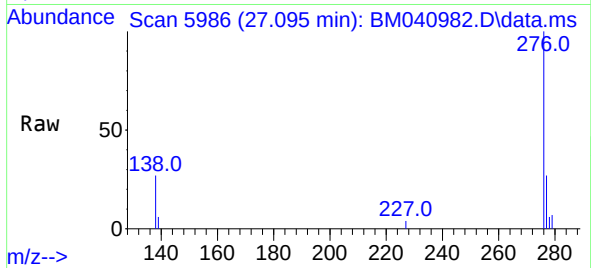
Tgt Ion:278 Resp: 1682
Ion Ratio Lower Upper
278 100
139 42.9 19.2 28.8#
279 53.1 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM040982.D
Acq: 20 Jul 2023 15:29

Instrument :
BNA_M
ClientSampleId :
A46P0



Tgt Ion: 276 Resp: 8330

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.6	34.0
277	26.6	21.2	31.8

Manual Integrations
APPROVED

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

