

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041006.D
 Acq On : 21 Jul 2023 06:57
 Operator : MA/JU
 Sample : 03444-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Y1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 07:31:21 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	7.857	152	3431	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.664	136	12163	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.513	164	6287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	13768	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	9945	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	7507	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3342	0.592	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	4201	0.259	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	6609	0.158	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	16572	0.498	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	1787	0.098	ng/ul	96
8) 1-Methylnaphthalene	12.555	142	1141	0.059	ng/ul	98
10) Acenaphthylene	14.236	152	2745	0.104	ng/ul#	87
11) Acenaphthene	14.578	153	3078	0.133	ng/ul	99
12) Fluorene	15.568	166	3929	0.163	ng/ul	97
15) Phenanthrene	17.312	178	82204	1.998	ng/ul	98
16) Anthracene	17.405	178	8239	0.257	ng/ul	98
19) Fluoranthene	19.329	202	152705	2.974	ng/ul	98
20) Pyrene	19.692	202	126008	2.402	ng/ul	99
21) Benzo(a)anthracene	21.445	228	48463	1.600	ng/ul	99
22) Chrysene	21.498	228	58545	1.690	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	65444	2.271	ng/ul	90
25) Benzo(k)fluoranthene	23.170	252	22906m	0.837	ng/ul	
26) Benzo(a)pyrene	23.743	252	17761	0.714	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.320	276	26756	0.810	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.331	278	5992	0.240	ng/ul#	92
29) Benzo(g,h,i)perylene	27.082	276	25183	0.825	ng/ul	97

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

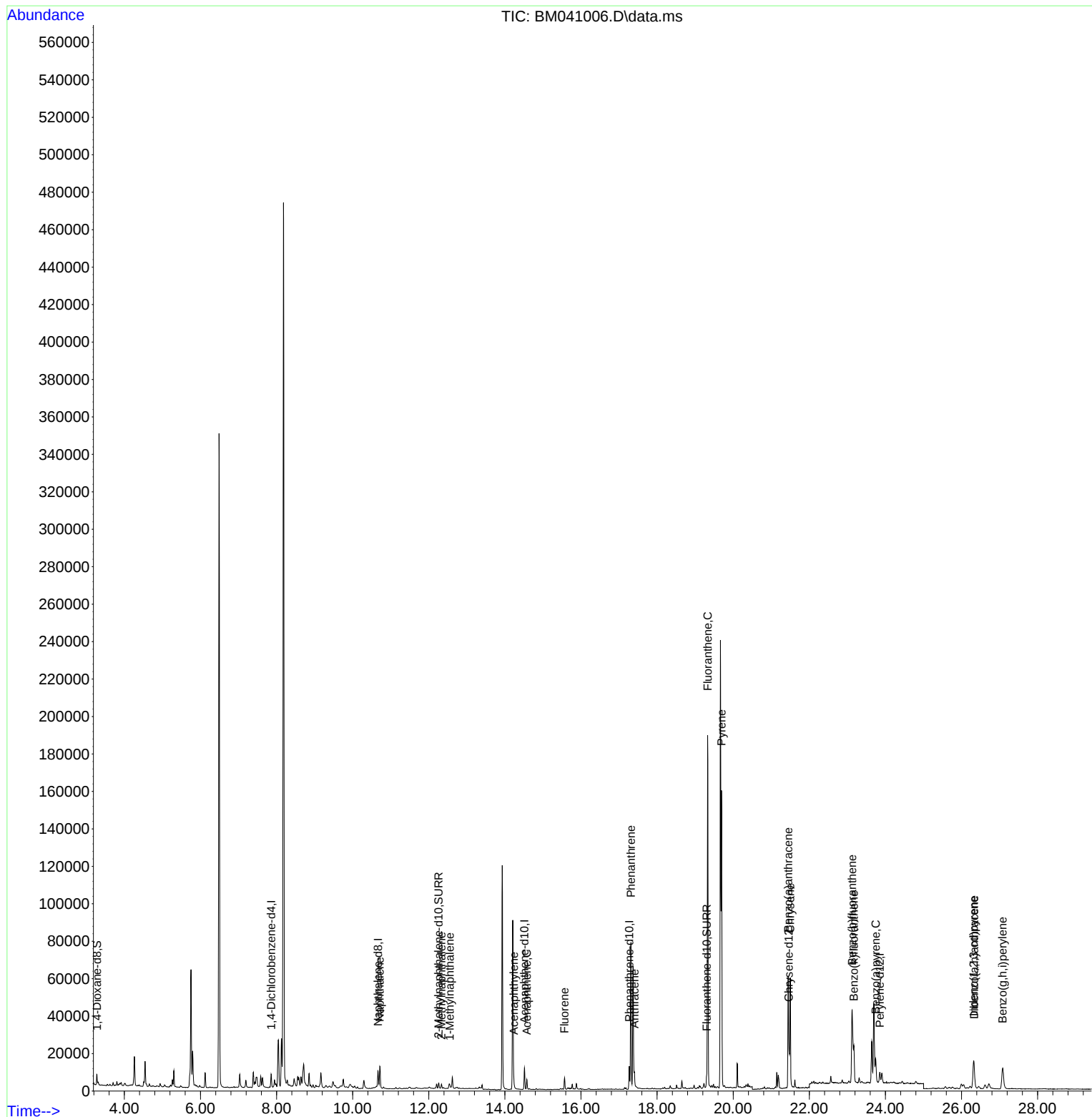
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041006.D
Acq On : 21 Jul 2023 06:57
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Sample : 03444-20
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ALS Vial : 38 Sample Multiplier: 1

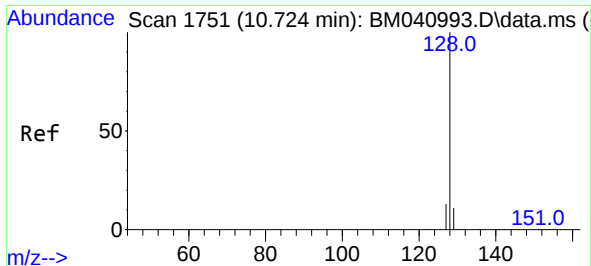
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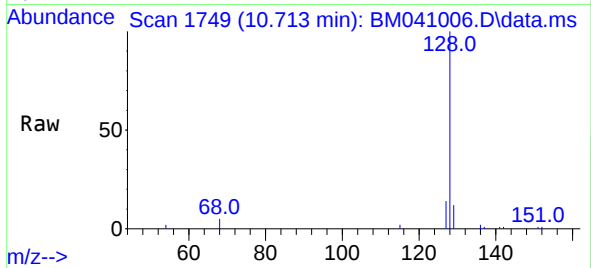
Quant Time: Jul 21 07:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.498 ng/ul
RT: 10.713 min Scan# 1751
Delta R.T. -0.016 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

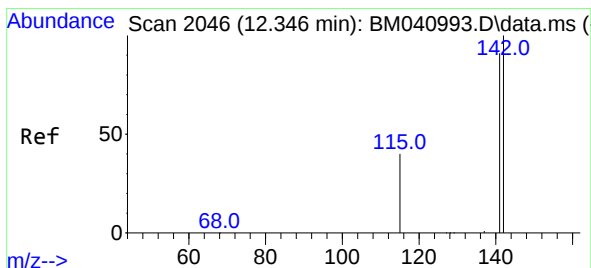
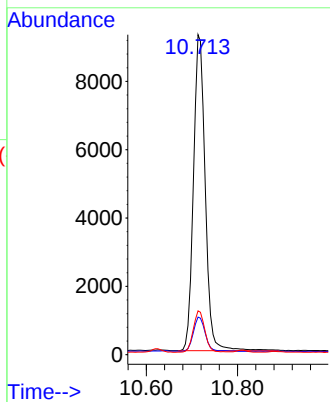
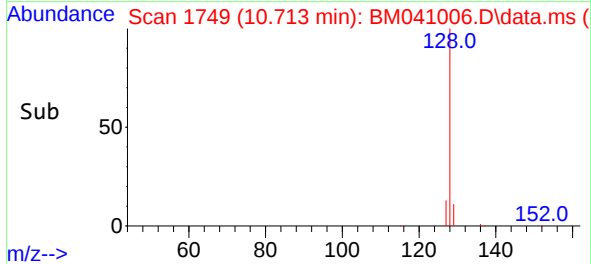
Instrument :
BNA_M
ClientSampleId :
A46Y1



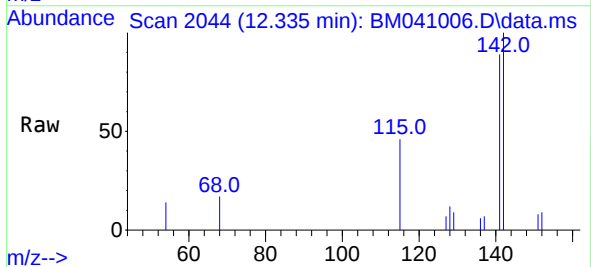
Tgt Ion:128 Resp: 1657
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 13.7 11.0 16.4

Manual Integrations
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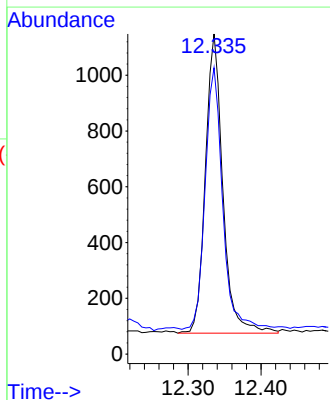
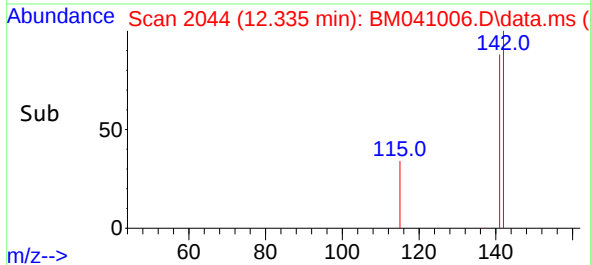
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

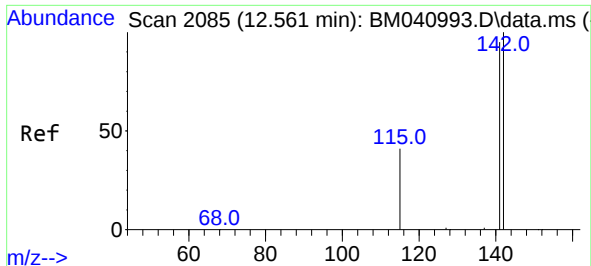


#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57



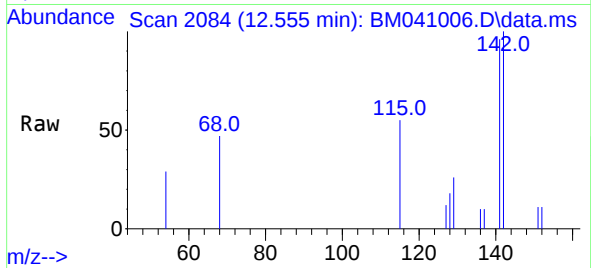
Tgt Ion:142 Resp: 1787
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.059 ng/u1
RT: 12.555 min Scan# 2085
Delta R.T. -0.011 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

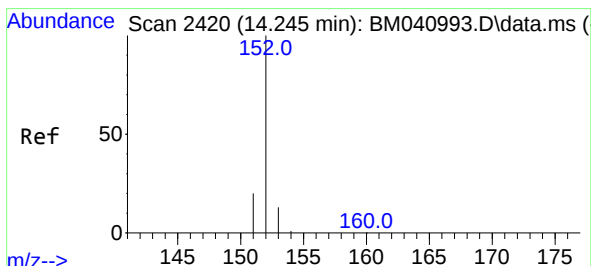
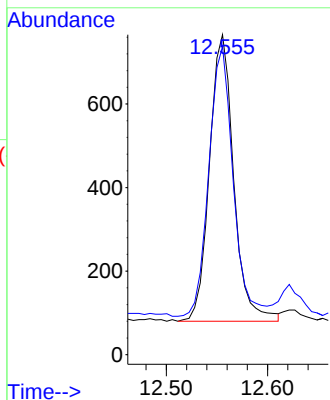
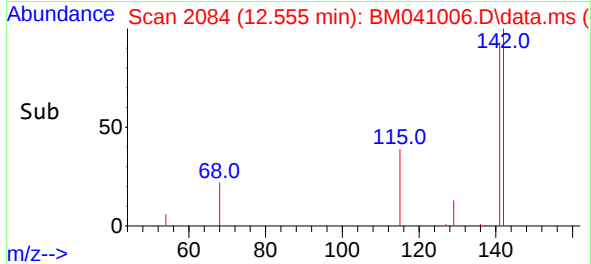
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Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.2

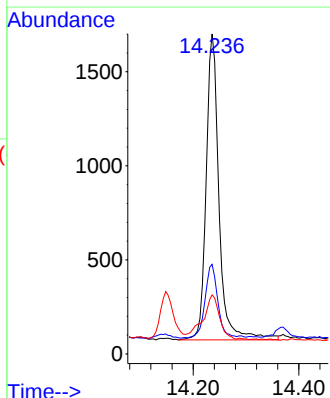
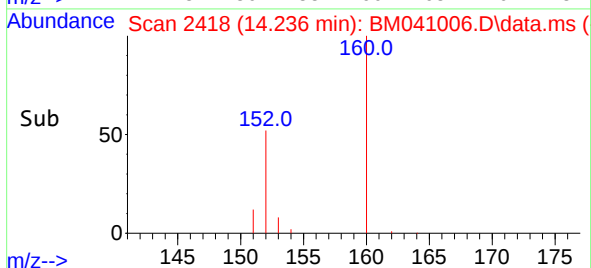
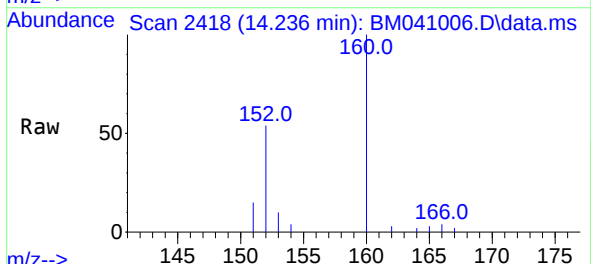
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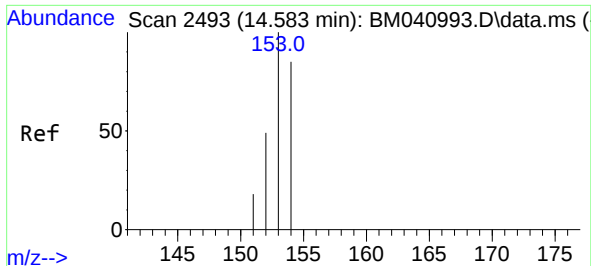
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.104 ng/u1
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

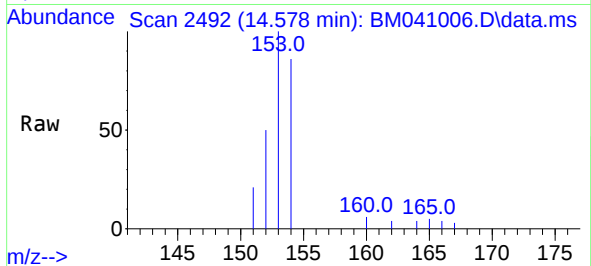
Tgt Ion:152 Resp: 2745
Ion Ratio Lower Upper
152 100
151 28.0 16.8 25.2#
153 18.5 11.6 17.4#





#11
Acenaphthene
Concen: 0.133 ng/u1
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

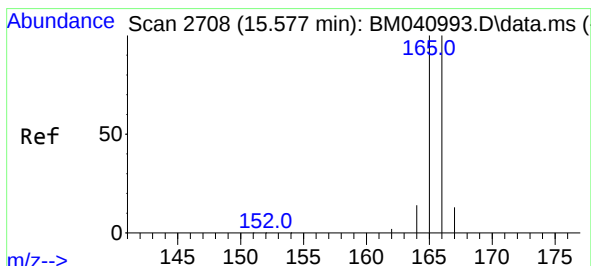
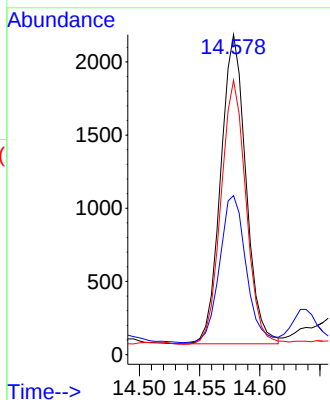
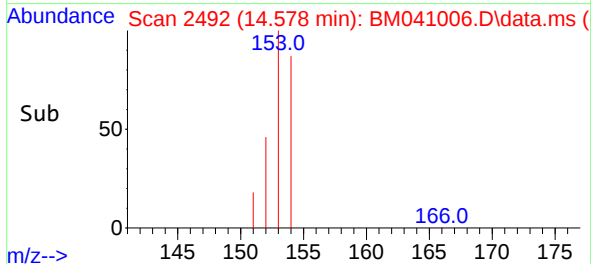
Instrument :
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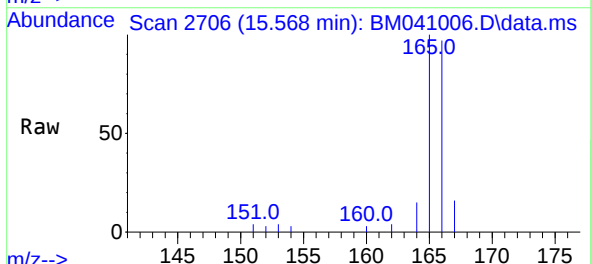
Tgt Ion:153 Resp: 3078
Ion Ratio Lower Upper
153 100
152 49.7 41.0 61.6
154 85.7 68.2 102.2

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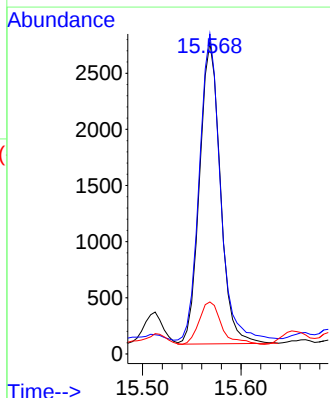
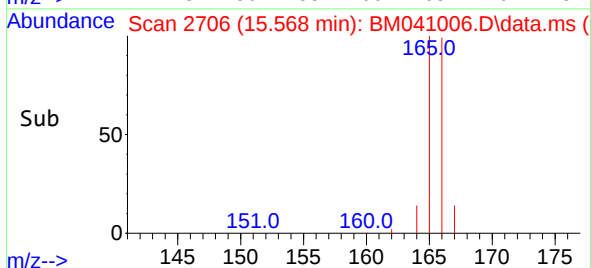
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

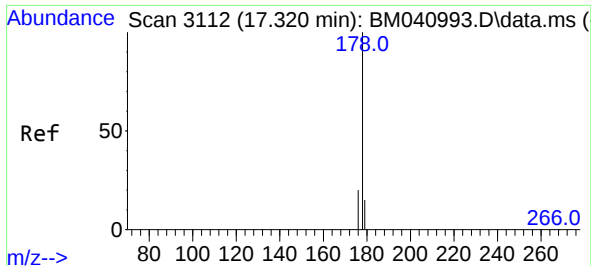


#12
Fluorene
Concen: 0.163 ng/u1
RT: 15.568 min Scan# 2706
Delta R.T. -0.014 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57



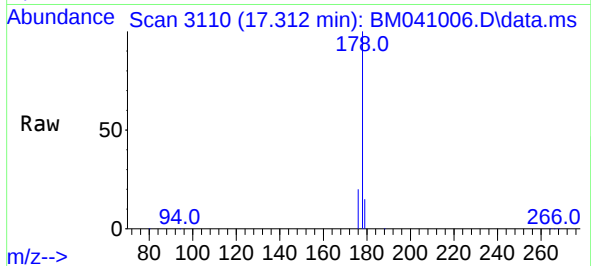
Tgt Ion:166 Resp: 3929
Ion Ratio Lower Upper
166 100
165 102.7 80.3 120.5
167 16.7 11.7 17.5





#15
Phenanthrene
Concen: 1.998 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

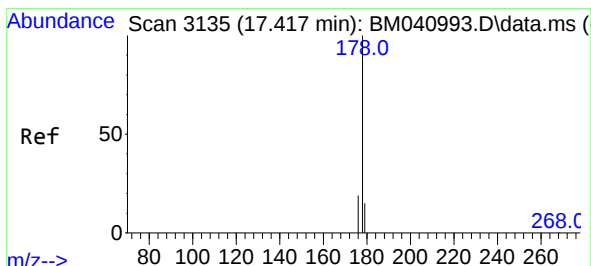
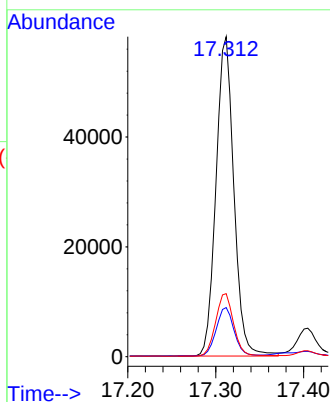
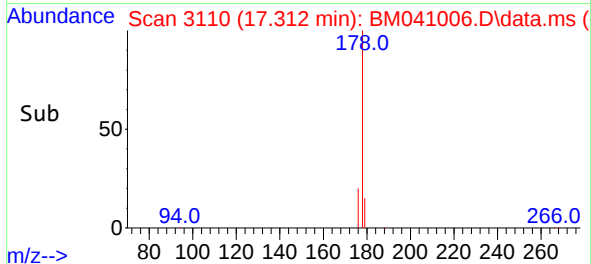
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 82204
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.7 16.2 24.4

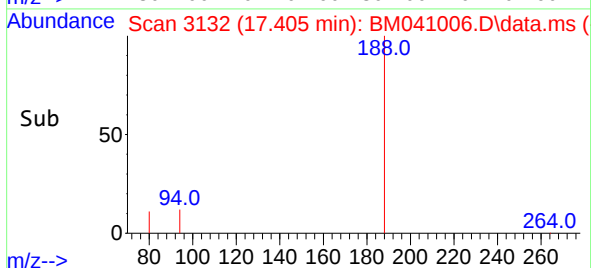
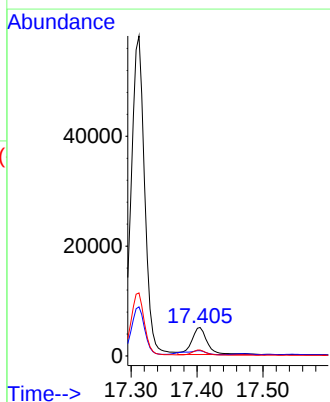
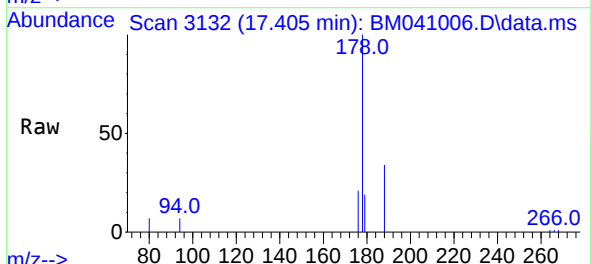
Manual Integrations
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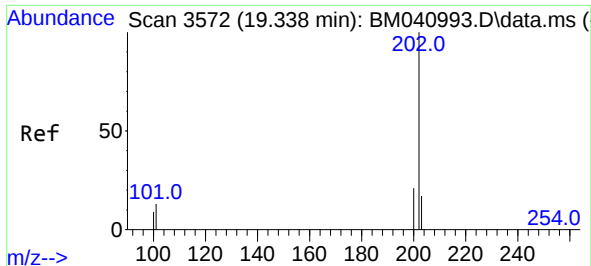
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.257 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

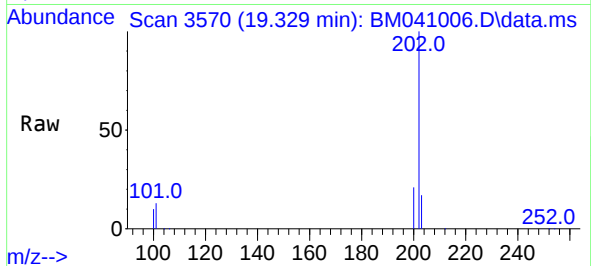
Tgt Ion:178 Resp: 8239
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 20.5 16.4 24.6





#19
Fluoranthene
Concen: 2.974 ng/u1
RT: 19.329 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

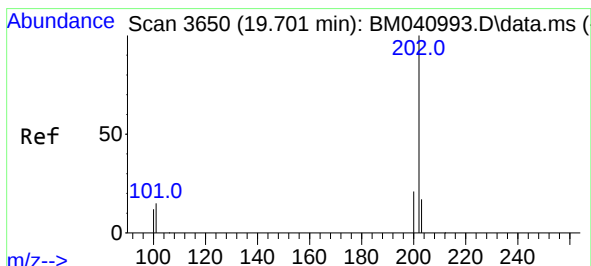
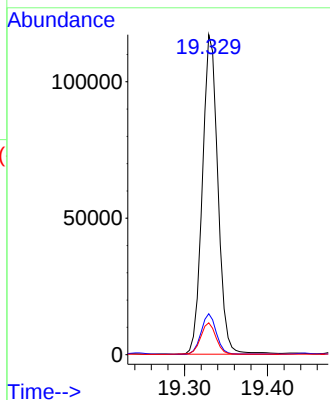
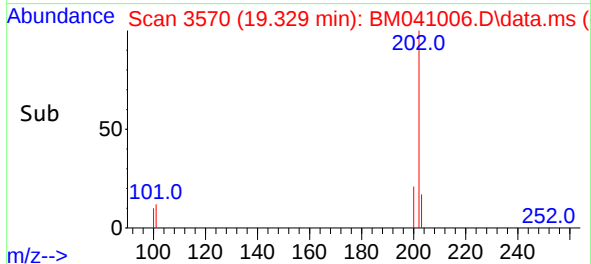
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Tgt Ion:202 Resp: 152708
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 9.9 8.3 12.5

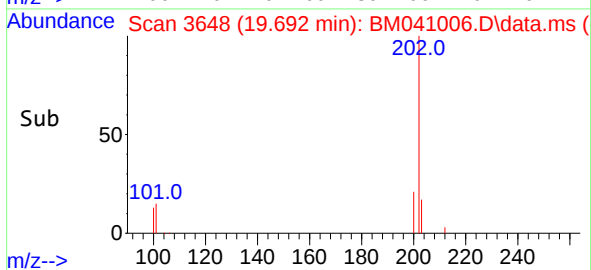
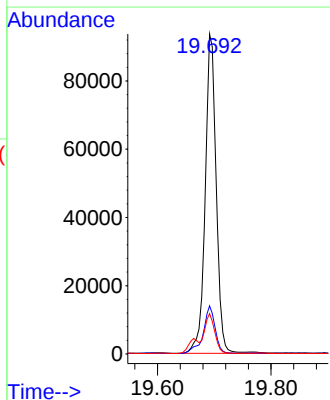
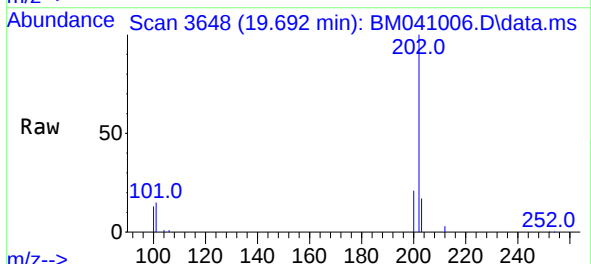
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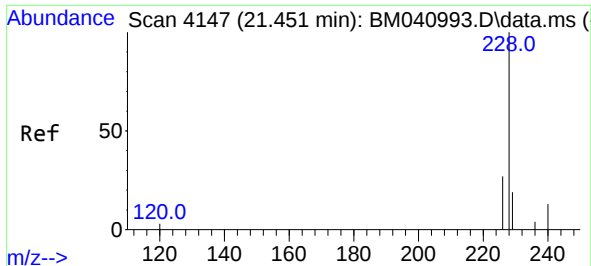
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 2.402 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.014 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

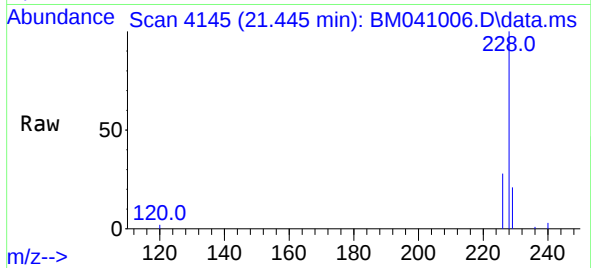
Tgt Ion:202 Resp: 126008
Ion Ratio Lower Upper
202 100
101 15.1 12.5 18.7
100 12.6 10.0 15.0





#21
Benzo(a)anthracene
Concen: 1.600 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

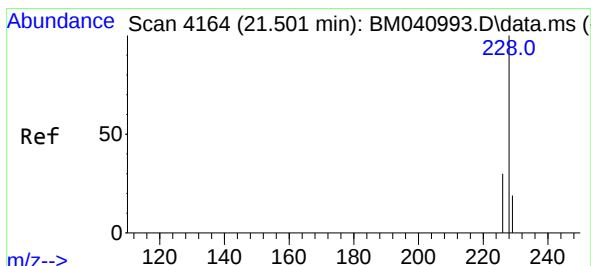
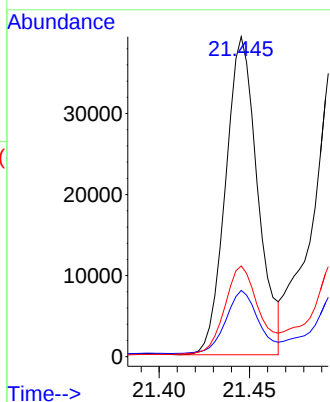
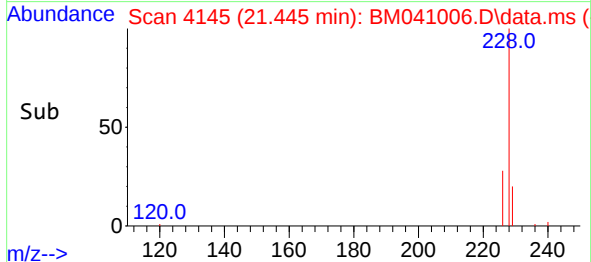
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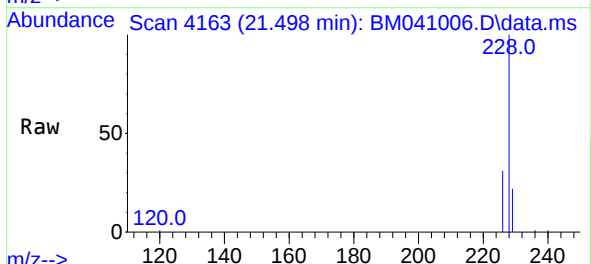
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Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 28.4 22.3 33.5

Manual Integrations
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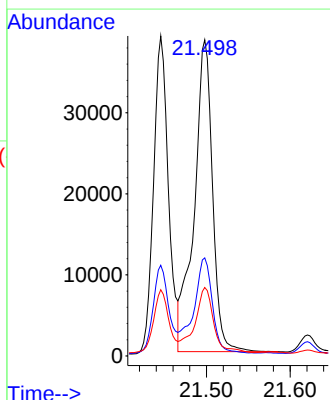
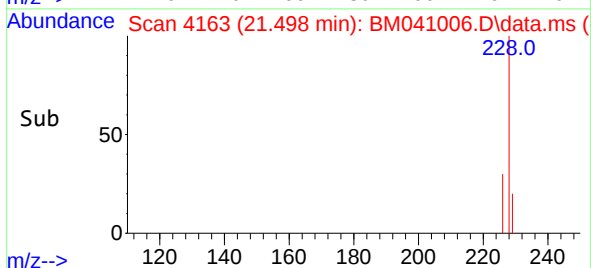
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

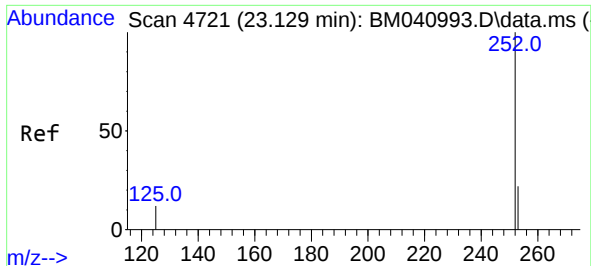


#22
Chrysene
Concen: 1.690 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57



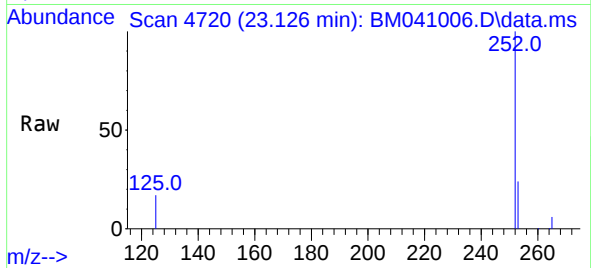
Tgt Ion:228 Resp: 58545
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 21.7 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 2.271 ng/ul
RT: 23.126 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

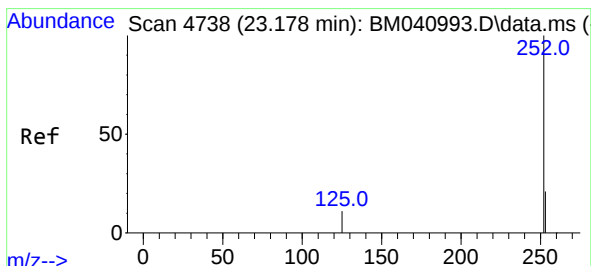
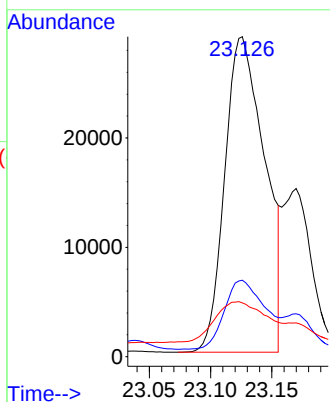
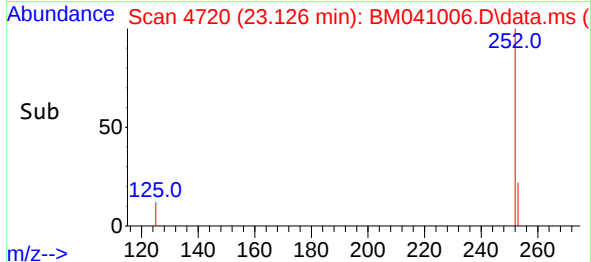
Instrument :
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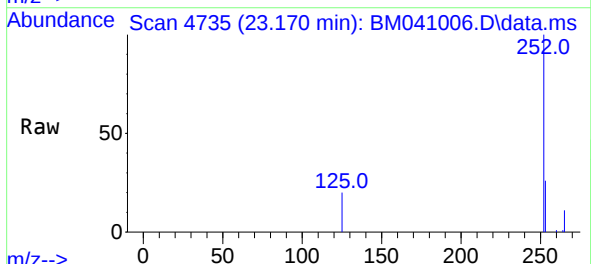
Tgt Ion:252 Resp: 6544
Ion Ratio Lower Upper
252 100
253 23.9 0.0 57.4
125 16.8 0.0 45.2

Manual Integrations
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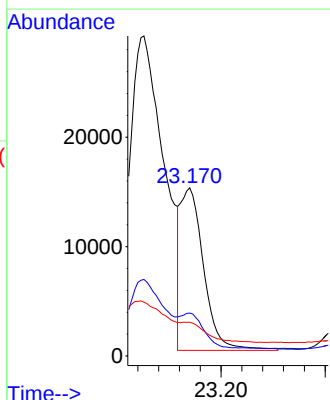
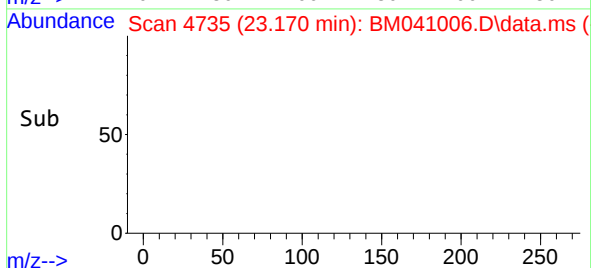
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

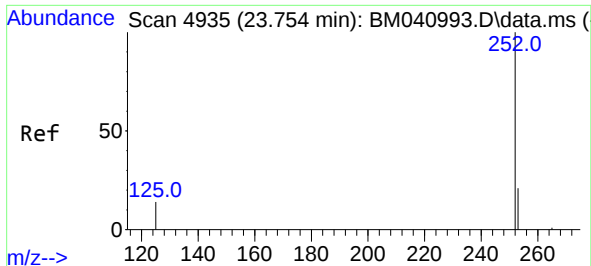


#25
Benzo(k)fluoranthene
Concen: 0.837 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.017 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57



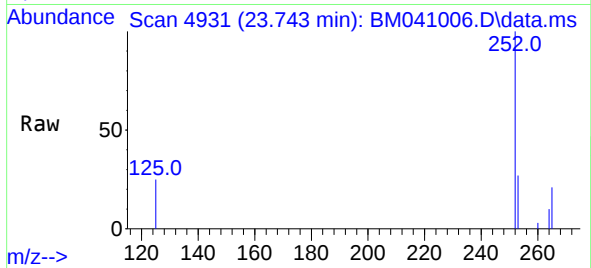
Tgt Ion:252 Resp: 22906
Ion Ratio Lower Upper
252 100
253 25.5 23.3 34.9
125 20.1 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.714 ng/ul
RT: 23.743 min Scan# 4931
Delta R.T. -0.020 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

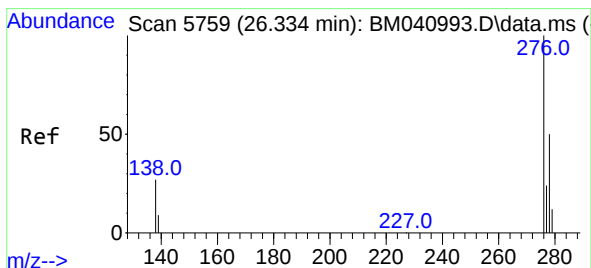
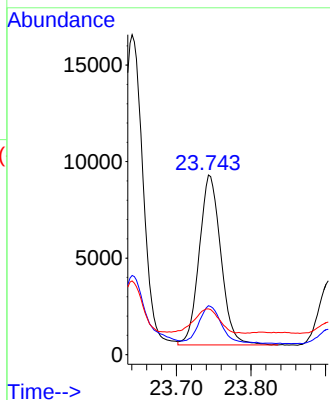
Instrument :
BNA_M
ClientSampleId :
A46Y1



Tgt Ion:252 Resp: 1776
Ion Ratio Lower Upper
252 100
253 27.2 28.2 42.2
125 25.4 25.2 37.8

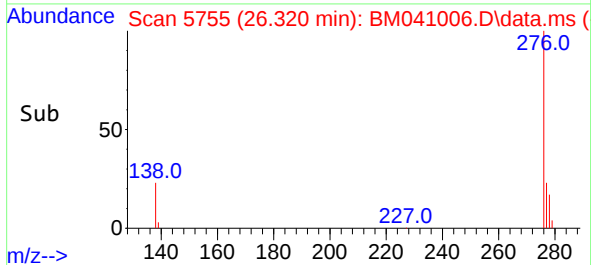
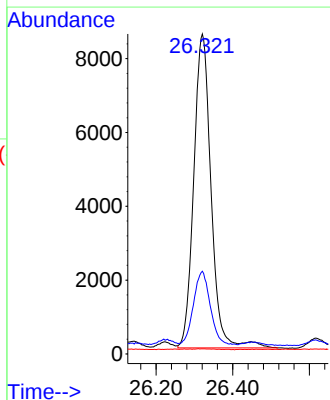
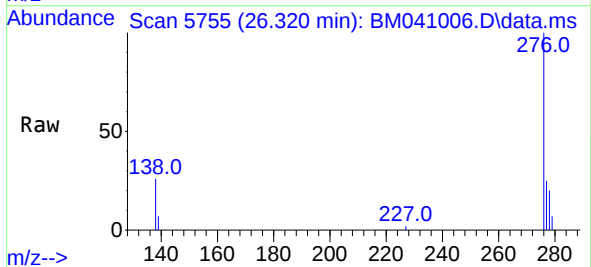
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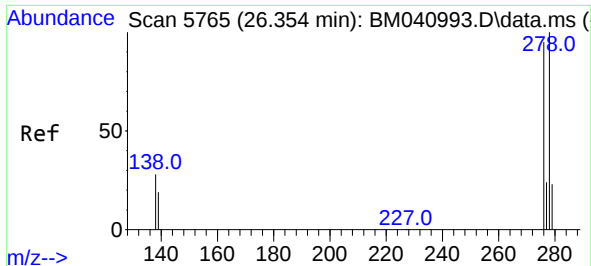
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.810 ng/ul
RT: 26.320 min Scan# 5755
Delta R.T. -0.030 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

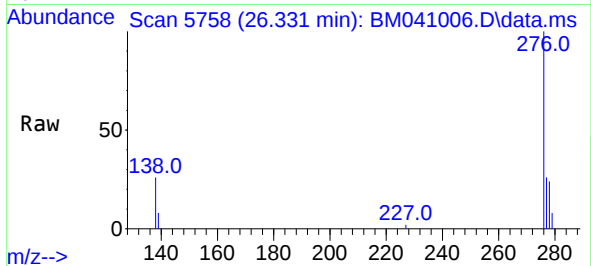
Tgt Ion:276 Resp: 26756
Ion Ratio Lower Upper
276 100
138 22.5 22.3 33.5
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 26.331 min Scan# 5758
Delta R.T. -0.037 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57

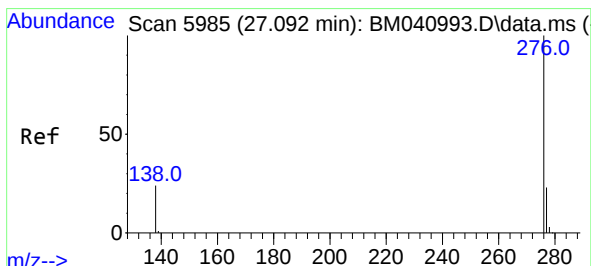
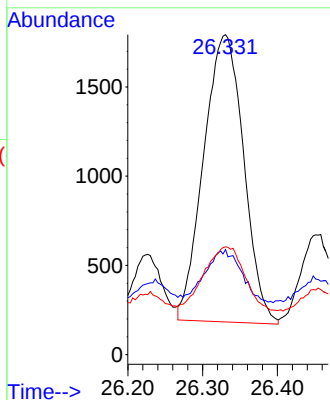
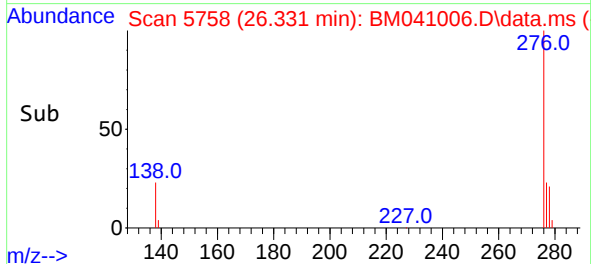
Instrument :
BNA_M
ClientSampleId :
A46Y1



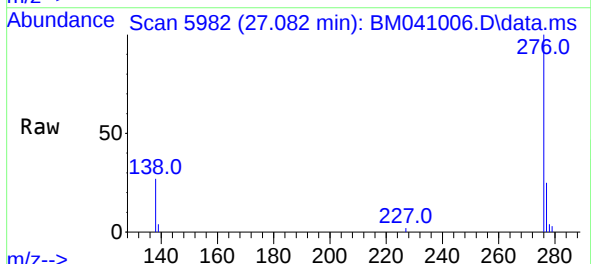
Tgt Ion:278 Resp: 5992
Ion Ratio Lower Upper
278 100
139 32.8 19.2 28.8
279 33.7 27.0 40.6

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Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.825 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.020 min
Lab File: BM041006.D
Acq: 21 Jul 2023 06:57



Tgt Ion:276 Resp: 25183
Ion Ratio Lower Upper
276 100
138 26.6 22.6 34.0
277 24.8 21.2 31.8

