

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041002.D
 Acq On : 21 Jul 2023 04:29
 Operator : MA/JU
 Sample : 03444-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T8

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 05:01:28 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	7.861	152	5241	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	18284	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	9338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	19131	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	13146	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	12641	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	8247	0.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	5408	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	9496	0.172	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.719	128	62897	1.258	ng/ul	97
7) 2-Methylnaphthalene	12.335	142	14380	0.524	ng/ul	97
8) 1-Methylnaphthalene	12.555	142	10665	0.366	ng/ul	99
10) Acenaphthylene	14.236	152	12921	0.330	ng/ul	98
11) Acenaphthene	14.578	153	35314	1.024	ng/ul	97
12) Fluorene	15.568	166	40112	1.124	ng/ul	98
15) Phenanthrene	17.312	178	433153	7.575	ng/ul	98
16) Anthracene	17.405	178	54885	1.232	ng/ul	98
19) Fluoranthene	19.329	202	464556	6.844	ng/ul	95
20) Pyrene	19.696	202	248616	3.585	ng/ul#	93
21) Benzo(a)anthracene	21.445	228	141061	3.522	ng/ul	99
22) Chrysene	21.498	228	136197	2.975	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	160466	3.307	ng/ul	85
25) Benzo(k)fluoranthene	23.167	252	69751m	1.513	ng/ul	
26) Benzo(a)pyrene	23.743	252	31339	0.748	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.320	276	47818	0.860	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.330	278	17766	0.422	ng/ul	96
29) Benzo(g,h,i)perylene	27.082	276	3092	0.060	ng/ul#	64

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

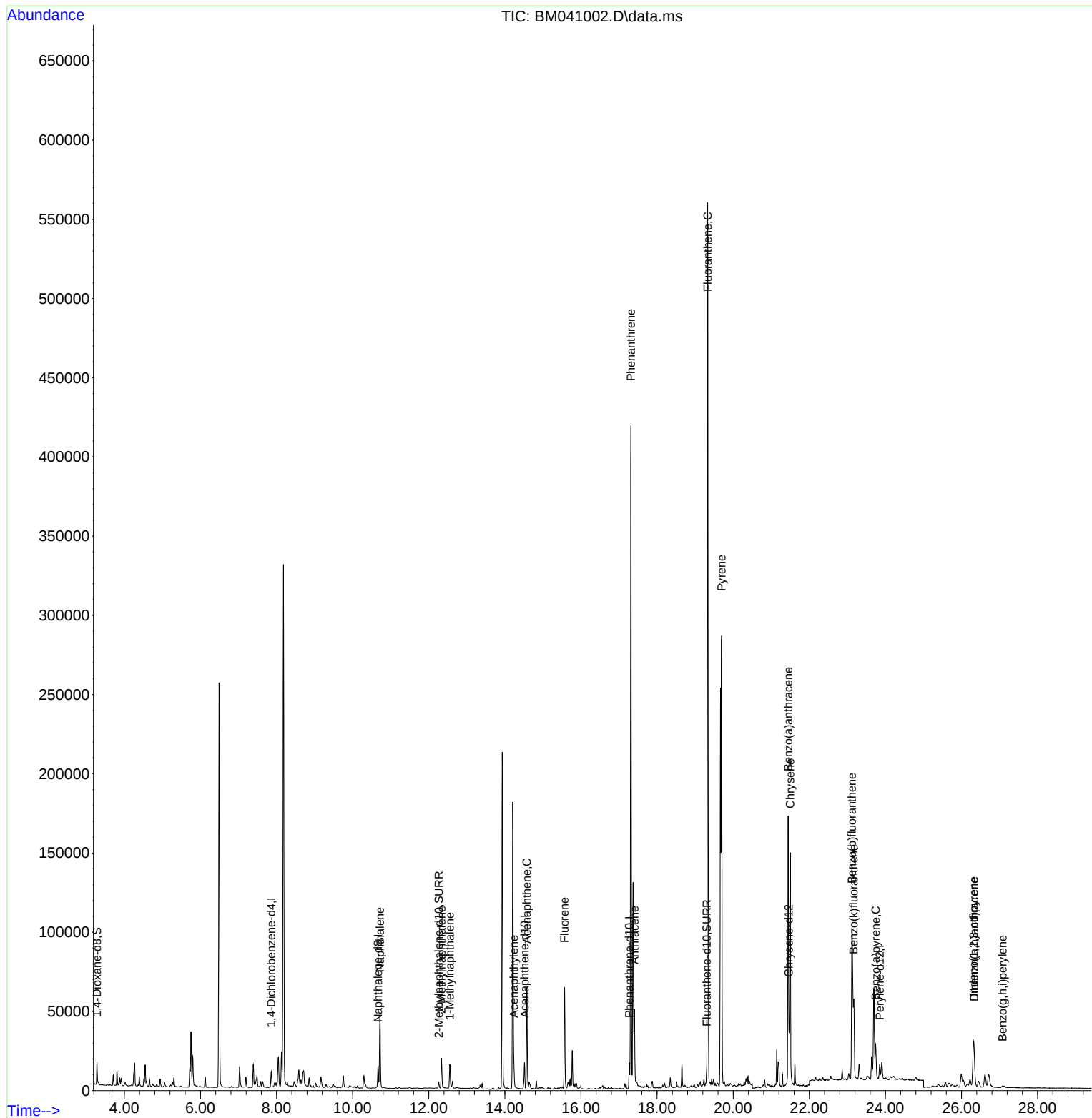
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041002.D
Acq On : 21 Jul 2023 04:29
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ALS Vial : 34 Sample Multiplier: 1

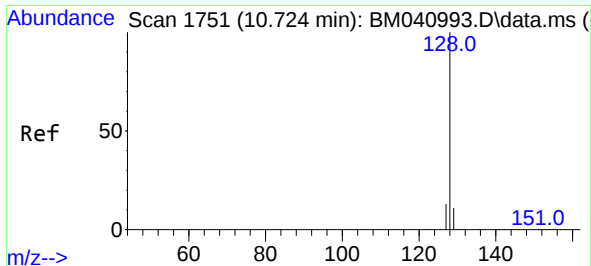
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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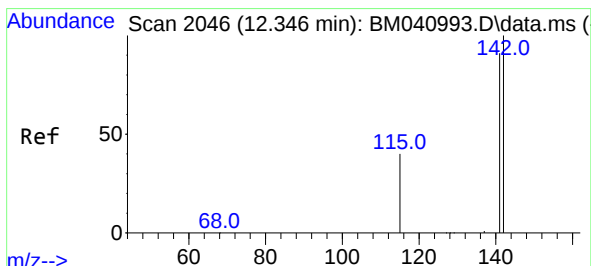
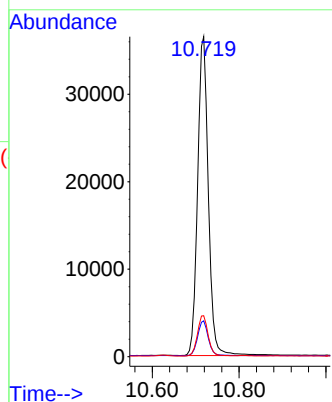
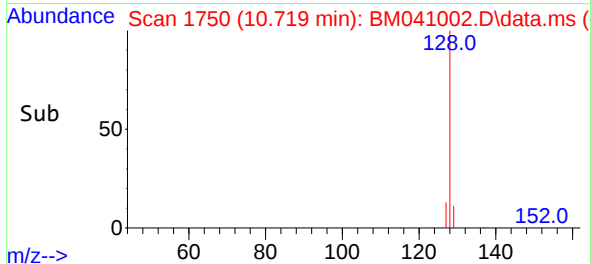
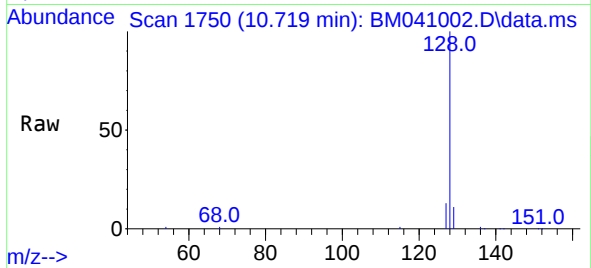
#5
Naphthalene
Concen: 1.258 ng/ul
RT: 10.719 min Scan# 1751
Delta R.T. -0.011 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

Instrument :
BNA_M
ClientSampleId :
A46T8

Tgt Ion:128 Resp: 6289
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 12.8 11.0 16.4

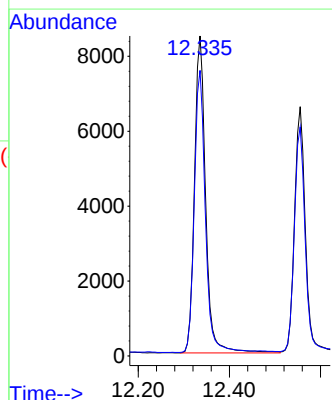
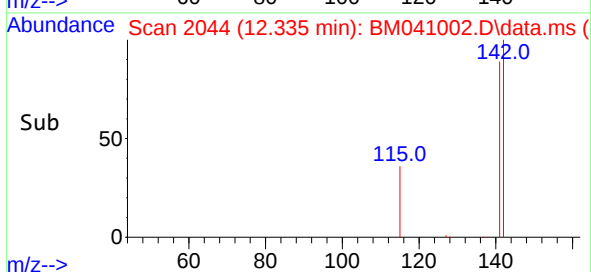
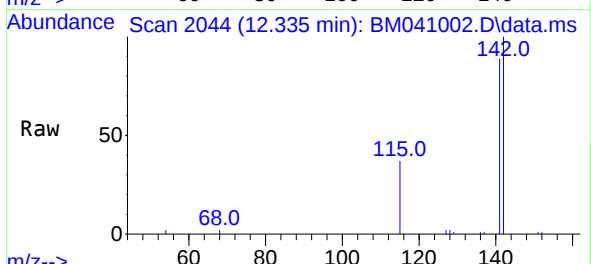
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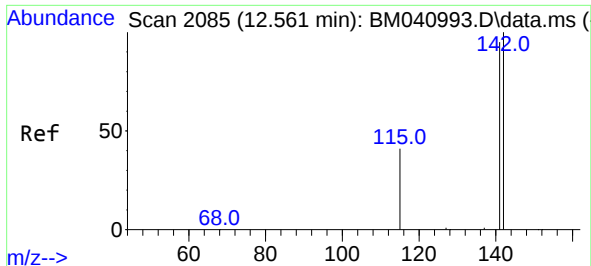
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#7
2-Methylnaphthalene
Concen: 0.524 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

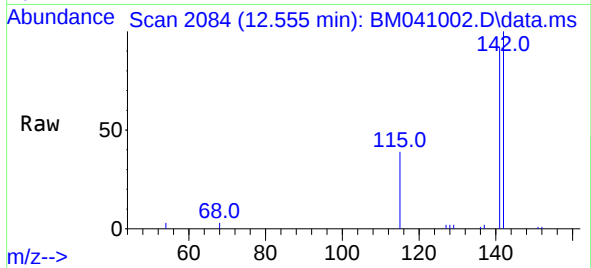
Tgt Ion:142 Resp: 14380
Ion Ratio Lower Upper
142 100
141 88.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.555 min Scan# 2085
Delta R.T. -0.011 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

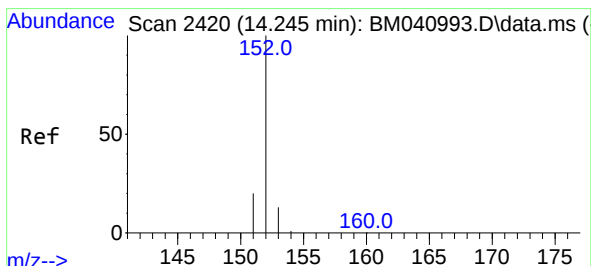
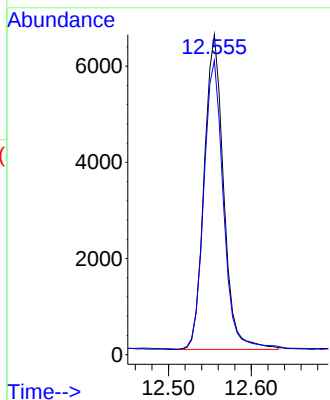
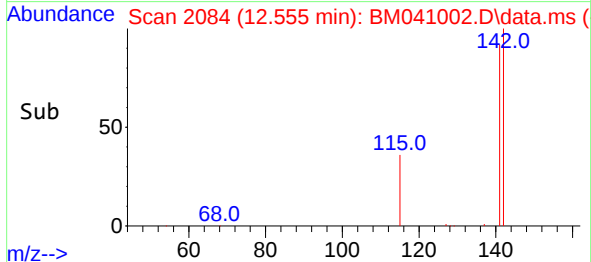
Instrument :
BNA_M
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A46T8



Tgt Ion:142 Resp: 1066
Ion Ratio Lower Upper
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141 92.5 73.4 110.2

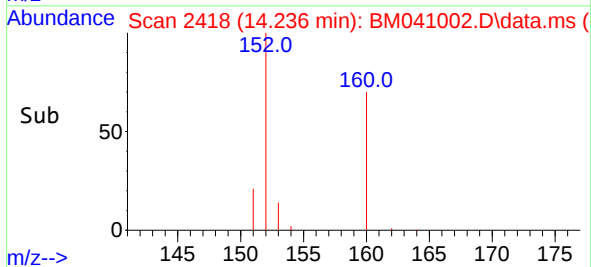
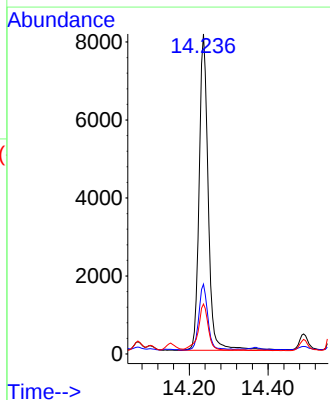
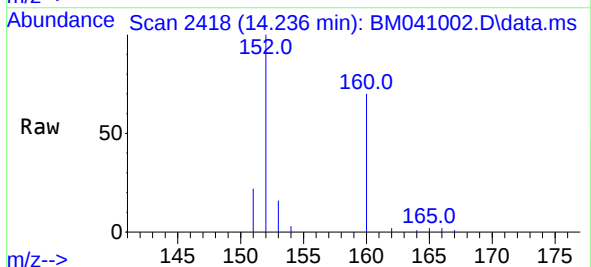
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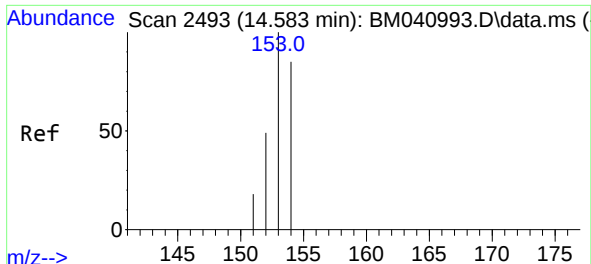
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

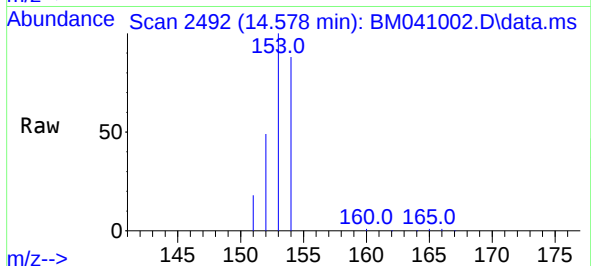
Tgt Ion:152 Resp: 12921
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 15.6 11.6 17.4





#11
Acenaphthene
Concen: 1.024 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

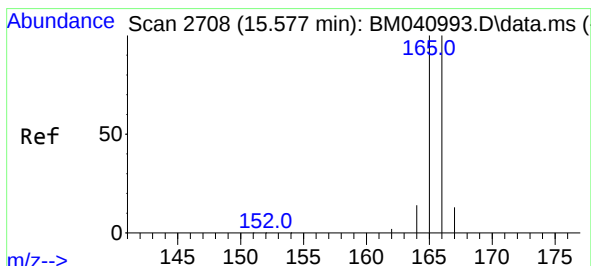
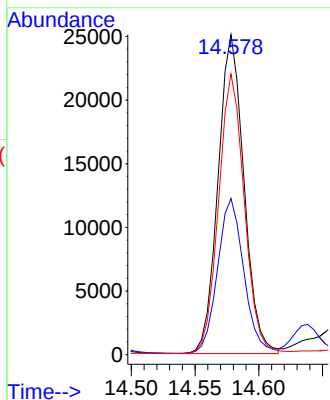
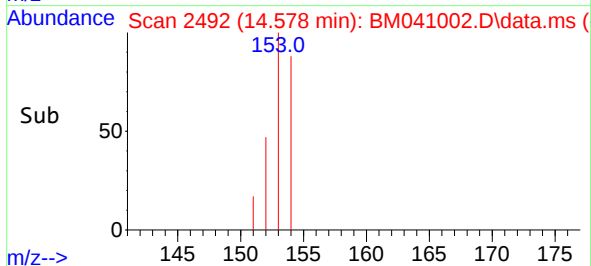
Instrument :
BNA_M
ClientSampleId :
A46T8



Tgt Ion:153 Resp: 35314
Ion Ratio Lower Upper
153 100
152 48.8 41.0 61.6
154 87.7 68.2 102.2

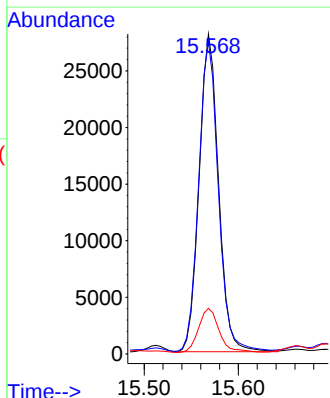
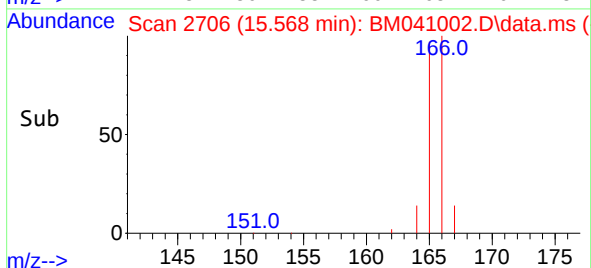
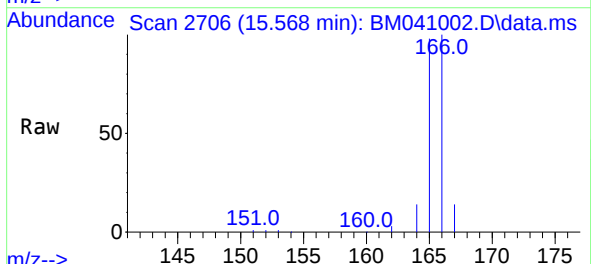
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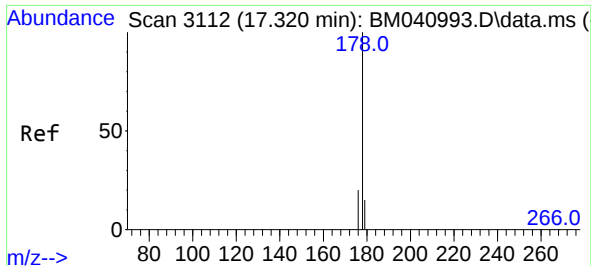
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 1.124 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.014 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

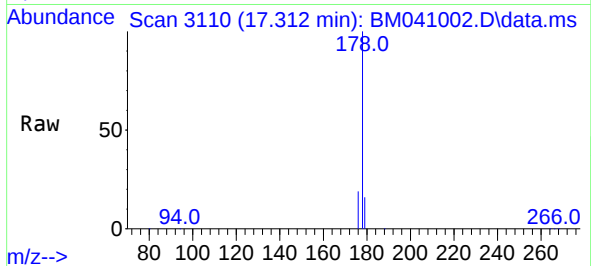
Tgt Ion:166 Resp: 40112
Ion Ratio Lower Upper
166 100
165 97.7 80.3 120.5
167 14.3 11.7 17.5





#15
Phenanthrene
Concen: 7.575 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

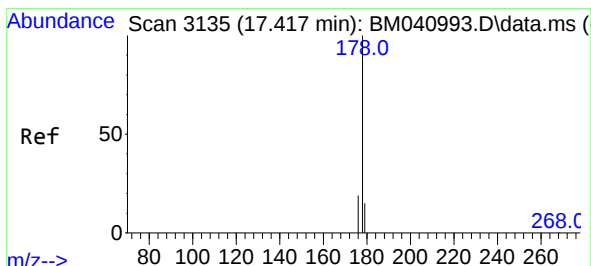
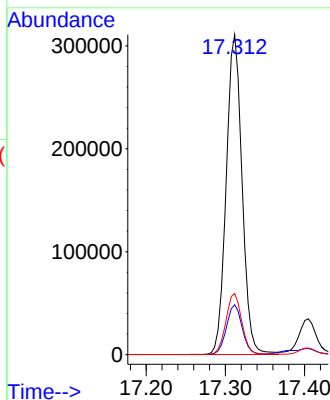
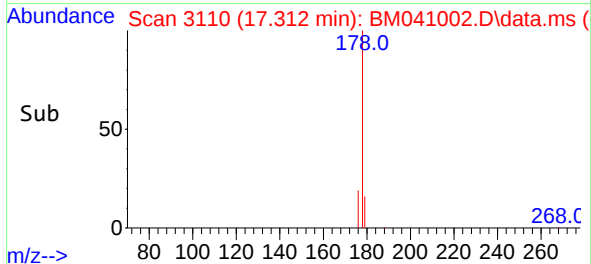
Instrument :
BNA_M
ClientSampleId :
A46T8



Tgt Ion:178 Resp: 43315
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.1 16.2 24.4

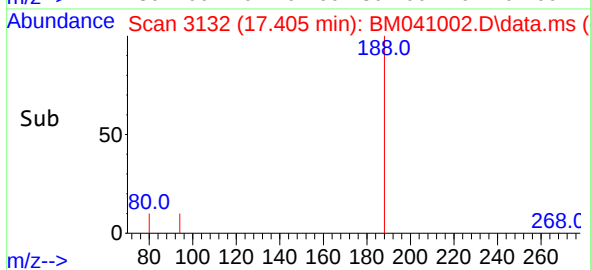
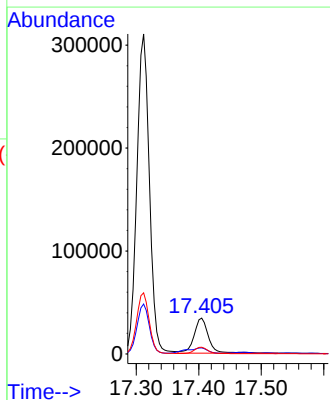
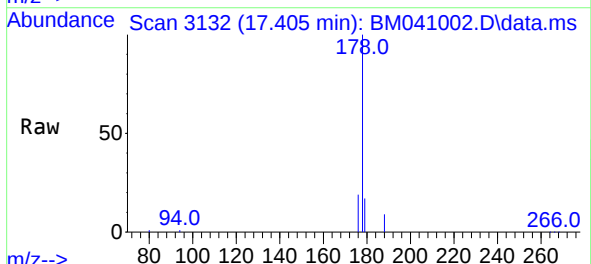
Manual Integrations
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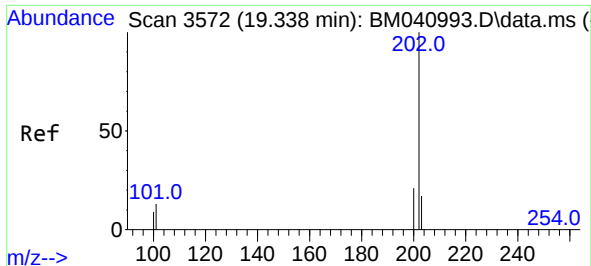
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 1.232 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

Tgt Ion:178 Resp: 54885
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 18.9 16.4 24.6





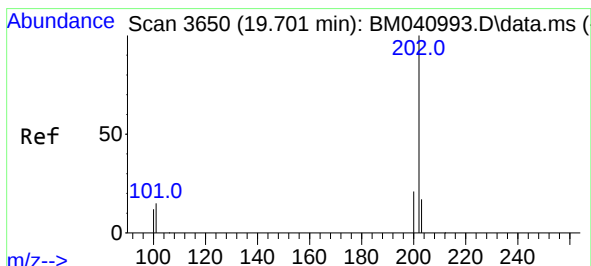
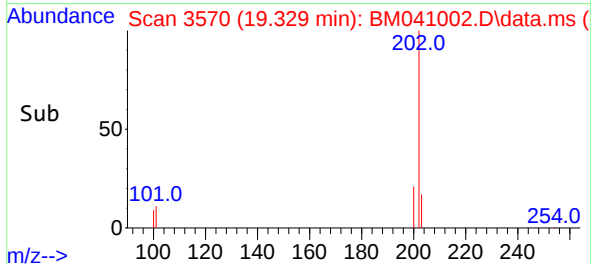
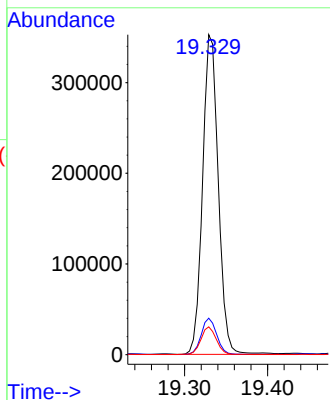
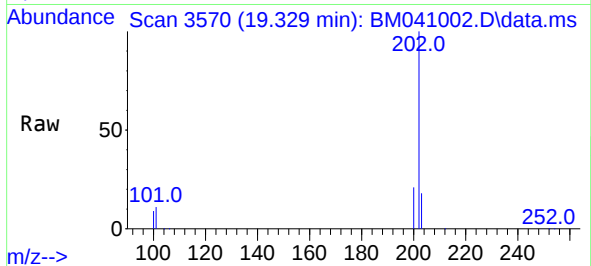
#19
Fluoranthene
Concen: 6.844 ng/u1
RT: 19.329 min Scan# 3570
Delta R.T. -0.014 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

Instrument :
BNA_M
ClientSampleId :
A46T8

Tgt Ion:202 Resp: 464550
Ion Ratio Lower Upper
202 100
101 11.4 11.0 16.4
100 8.7 8.3 12.5

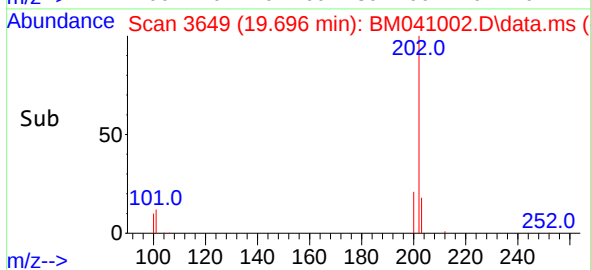
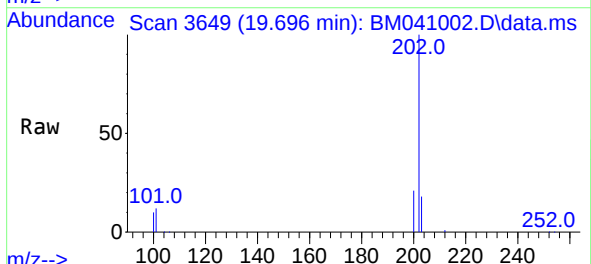
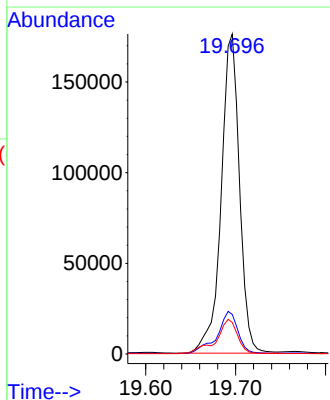
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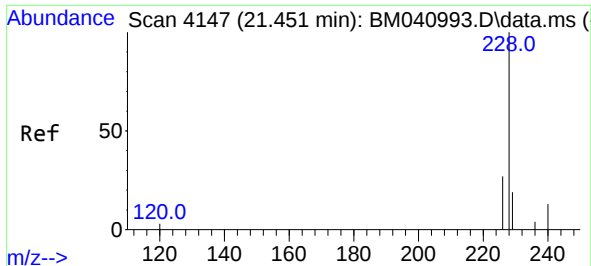
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 3.585 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

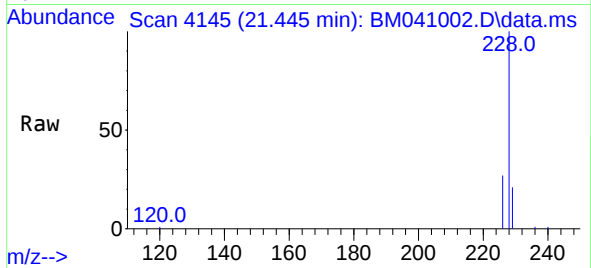
Tgt Ion:202 Resp: 248616
Ion Ratio Lower Upper
202 100
101 12.3 12.5 18.7#
100 9.9 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 3.522 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

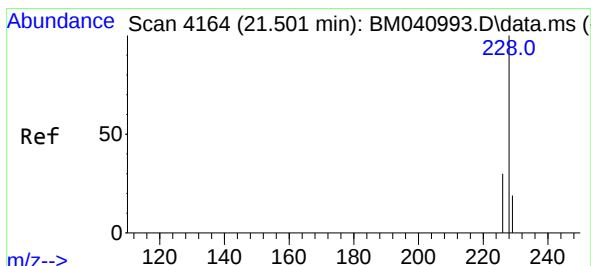
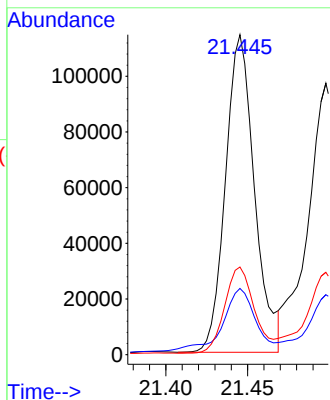
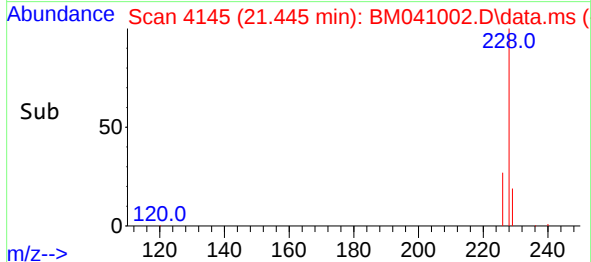
Instrument :
BNA_M
ClientSampleId :
A46T8



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Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 27.4 22.3 33.5

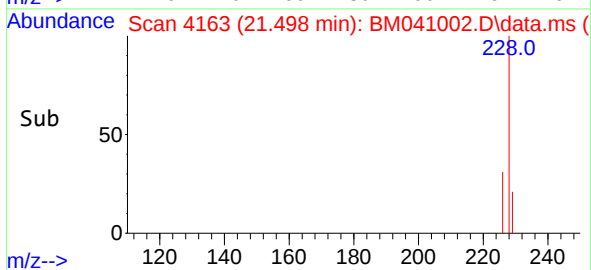
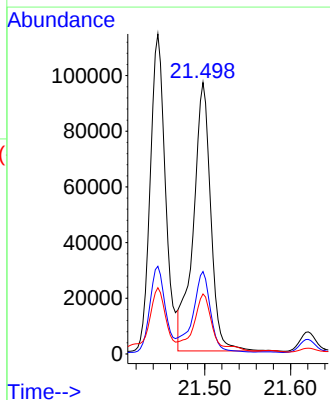
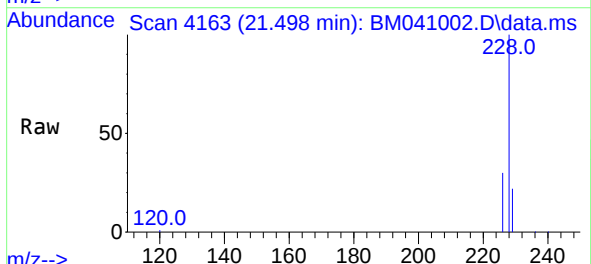
Manual Integrations
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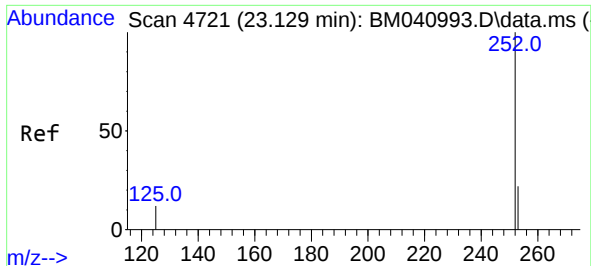
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 2.975 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

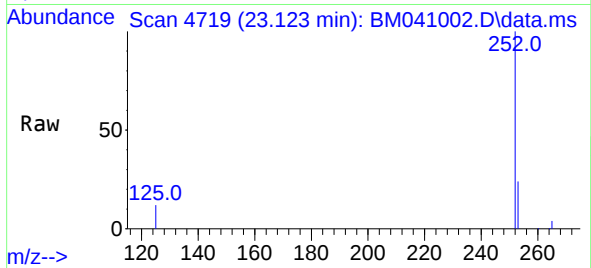
Tgt Ion:228 Resp: 136197
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 22.1 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 3.307 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.012 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

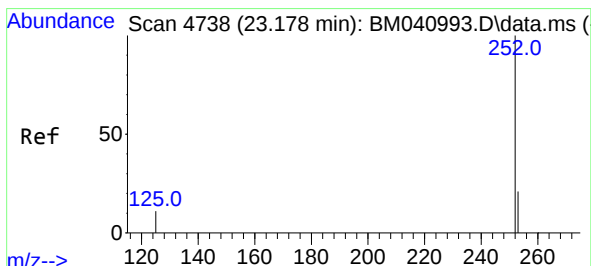
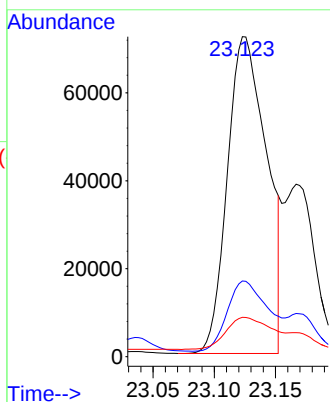
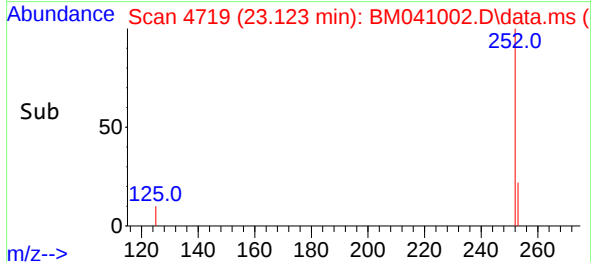
Instrument :
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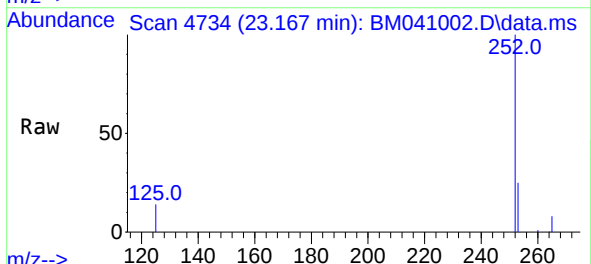
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Ion Ratio Lower Upper
252 100
253 23.7 0.0 57.4
125 12.3 0.0 45.2

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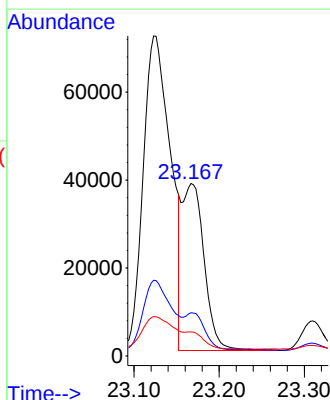
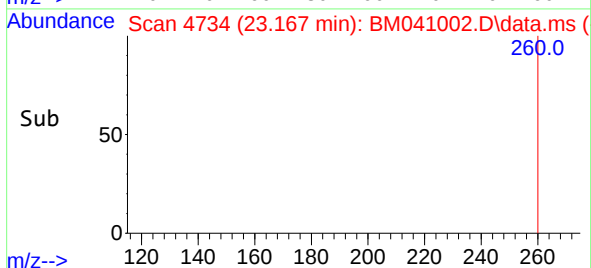
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

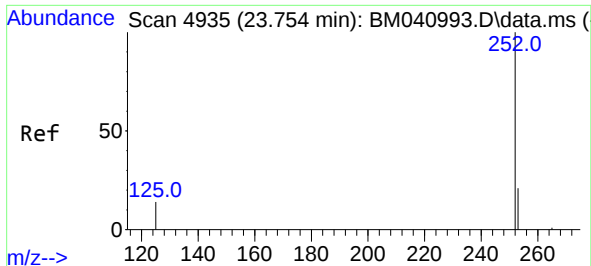


#25
Benzo(k)fluoranthene
Concen: 1.513 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.020 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29



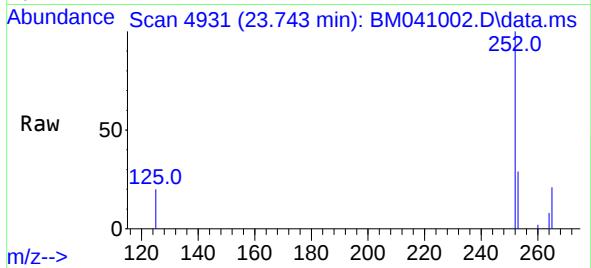
Tgt Ion:252 Resp: 69751
Ion Ratio Lower Upper
252 100
253 25.0 23.3 34.9
125 13.9 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.748 ng/ul
RT: 23.743 min Scan# 4935
Delta R.T. -0.020 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

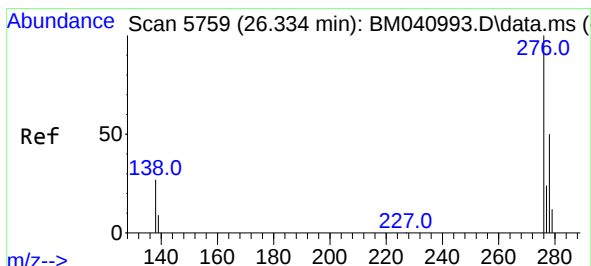
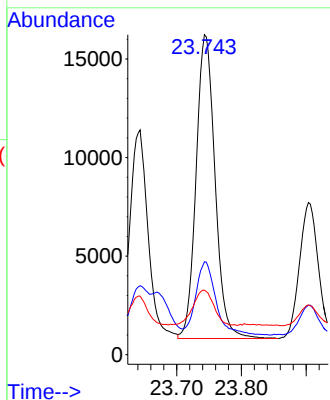
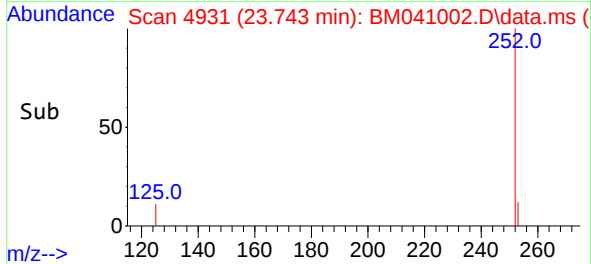
Instrument :
BNA_M
ClientSampleId :
A46T8



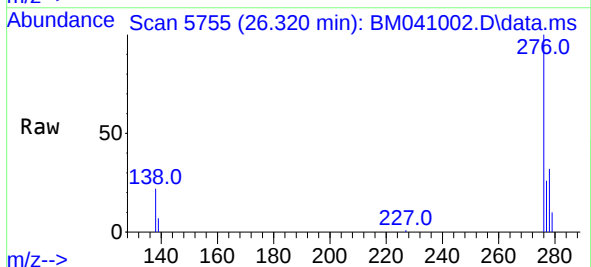
Tgt Ion:252 Resp: 31339
Ion Ratio Lower Upper
252 100
253 29.1 28.2 42.2
125 20.2 25.2 37.8

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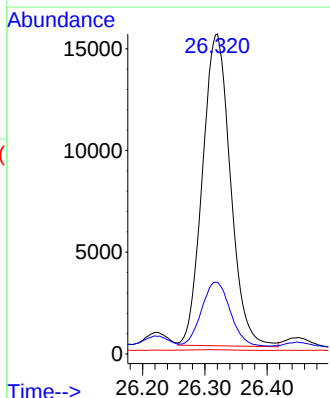
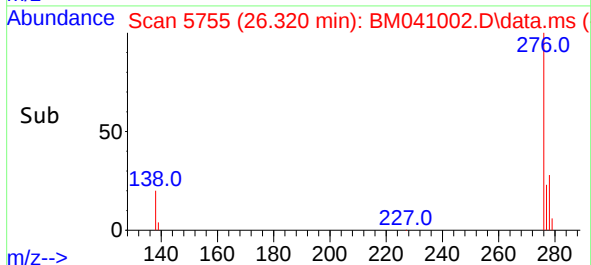
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

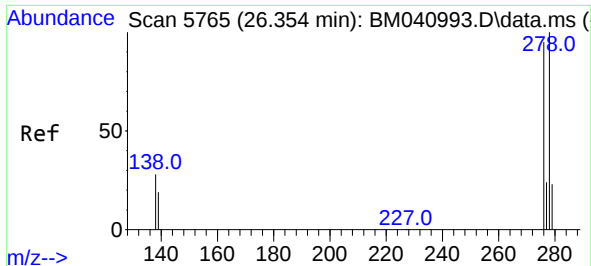


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.860 ng/ul
RT: 26.320 min Scan# 5755
Delta R.T. -0.030 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29



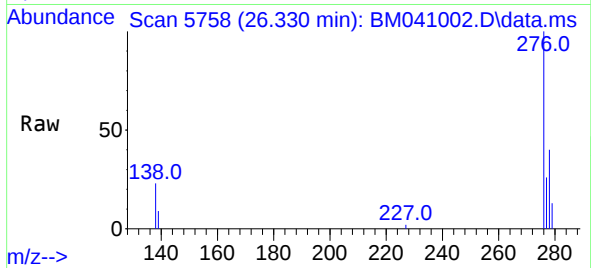
Tgt Ion:276 Resp: 47818
Ion Ratio Lower Upper
276 100
138 21.2 22.3 33.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29

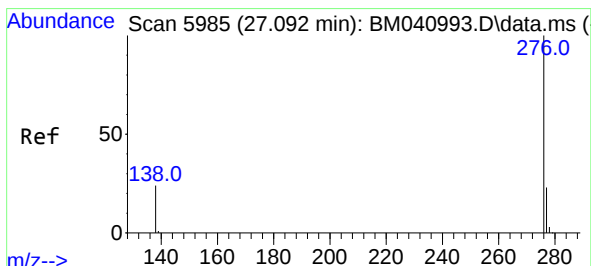
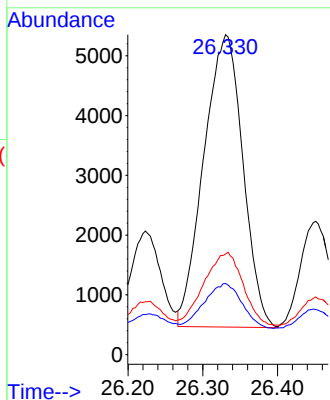
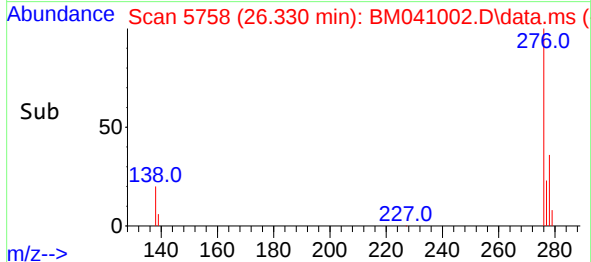
Instrument :
BNA_M
ClientSampleId :
A46T8



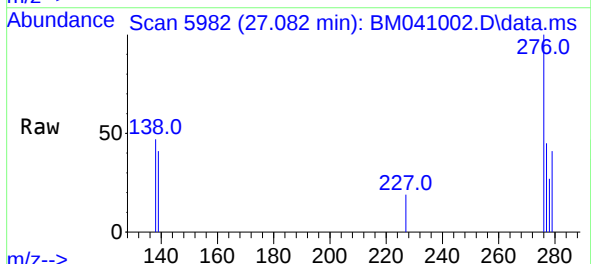
Tgt Ion:278 Resp: 1776
Ion Ratio Lower Upper
278 100
139 22.2 19.2 28.8
279 31.4 27.0 40.6

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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: 0.060 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.020 min
Lab File: BM041002.D
Acq: 21 Jul 2023 04:29



Tgt Ion:276 Resp: 3092
Ion Ratio Lower Upper
276 100
138 47.1 22.6 34.0#
277 45.1 21.2 31.8#

