

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041024.D
 Acq On : 21 Jul 2023 18:45
 Operator : MA/JU
 Sample : 03472-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 23:50:57 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 : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	12275	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.518	164	6299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	17270	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	10689	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	9567	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3664	0.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	3809	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	7178	0.160	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	6287	0.187	ng/ul	96
7) 2-Methylnaphthalene	12.335	142	1363	0.074	ng/ul	99
8) 1-Methylnaphthalene	12.555	142	1219	0.062	ng/ul	94
10) Acenaphthylene	14.236	152	2336	0.089	ng/ul#	81
11) Acenaphthene	14.578	153	2493	0.107	ng/ul	98
12) Fluorene	15.568	166	3199	0.133	ng/ul#	97
15) Phenanthrene	17.312	178	39893	0.773	ng/ul	99
16) Anthracene	17.405	178	2408	0.060	ng/ul#	88
19) Fluoranthene	19.334	202	71104	1.288	ng/ul#	93
20) Pyrene	19.696	202	50632	0.898	ng/ul	94
21) Benzo(a)anthracene	21.448	228	22393	0.688	ng/ul	98
22) Chrysene	21.501	228	29393	0.790	ng/ul	98
24) Benzo(b)fluoranthene	23.129	252	34508	0.940	ng/ul	92
25) Benzo(k)fluoranthene	23.170	252	13673m	0.392	ng/ul	
26) Benzo(a)pyrene	23.752	252	2485	0.078	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.324	276	12582	0.299	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.334	278	3883	0.122	ng/ul#	77
29) Benzo(g,h,i)perylene	27.088	276	1014	0.026	ng/ul#	41

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

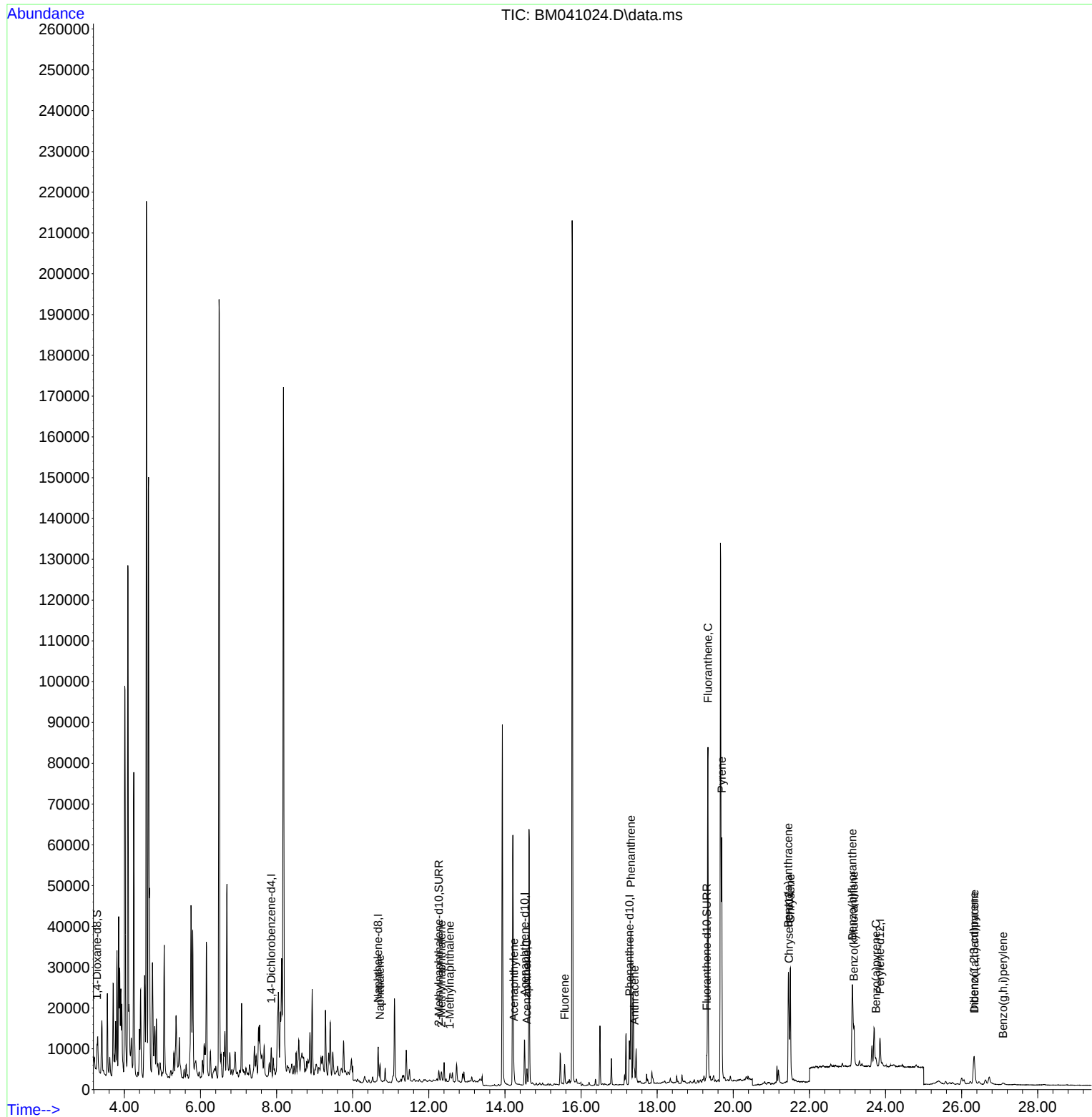
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041024.D
Acq On : 21 Jul 2023 18:45
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ALS Vial : 13 Sample Multiplier: 1

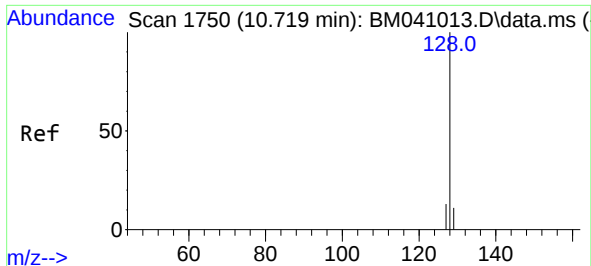
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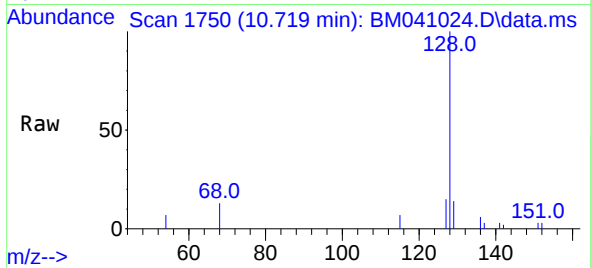
Quant Time: Jul 21 23:50:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

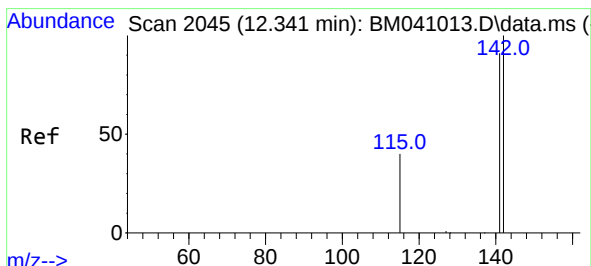
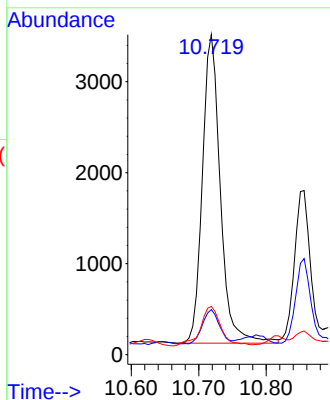
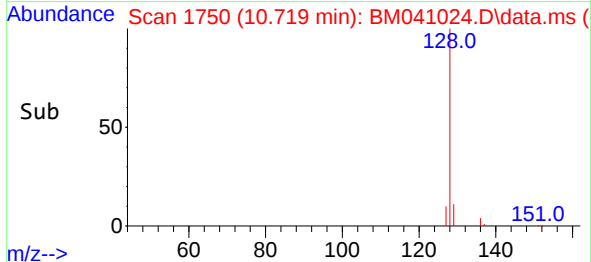
Instrument :
BNA_M
ClientSampleId :
A46R4



Tgt Ion:128 Resp: 628
Ion Ratio Lower Upper
128 100
129 14.1 9.8 14.8
127 15.1 11.0 16.4

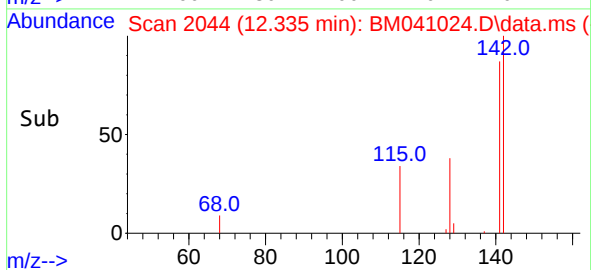
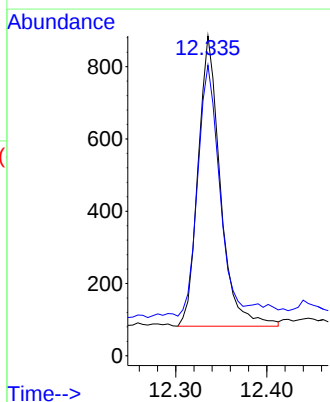
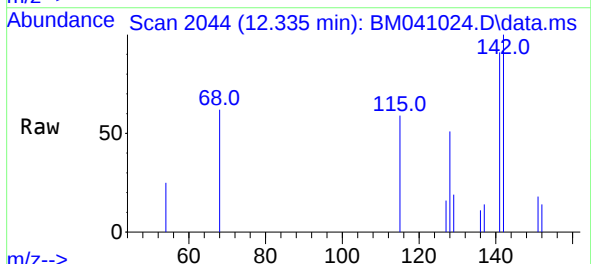
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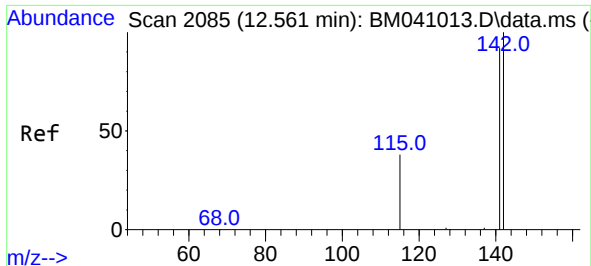
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

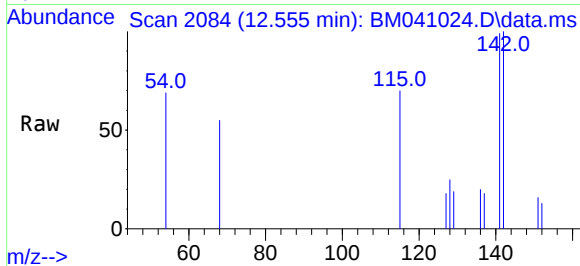
Tgt Ion:142 Resp: 1363
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

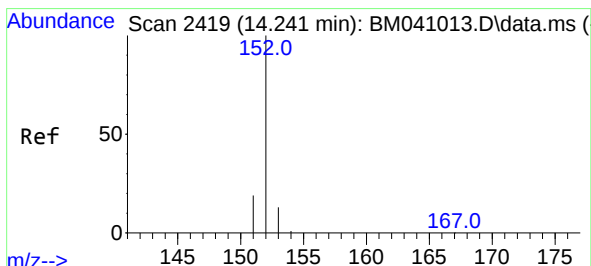
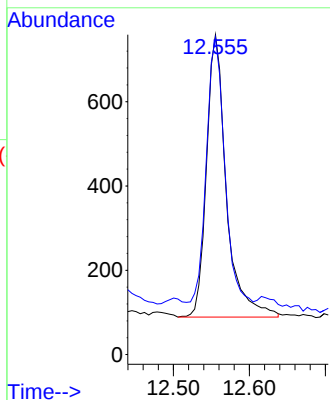
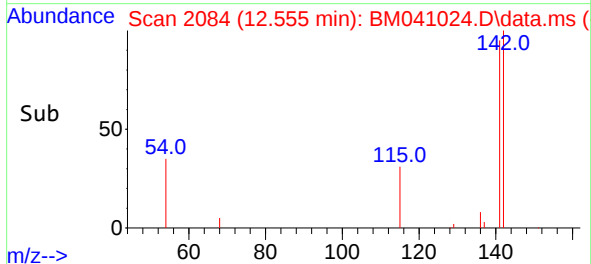
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1219
Ion Ratio Lower Upper
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141 85.9 73.4 110.2

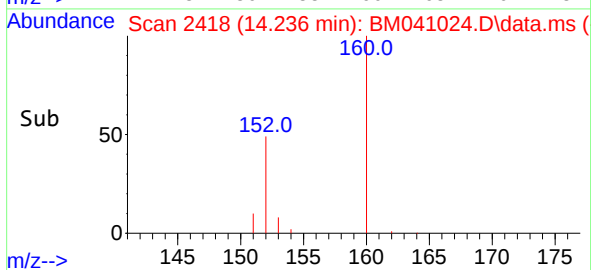
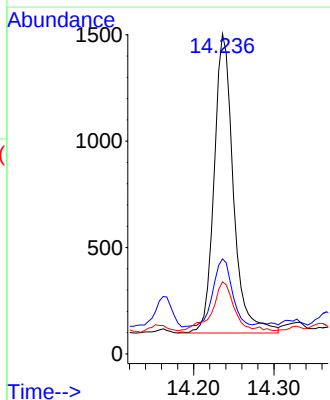
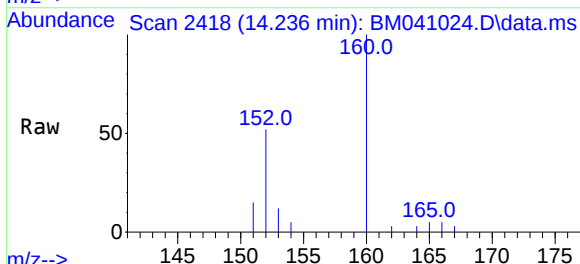
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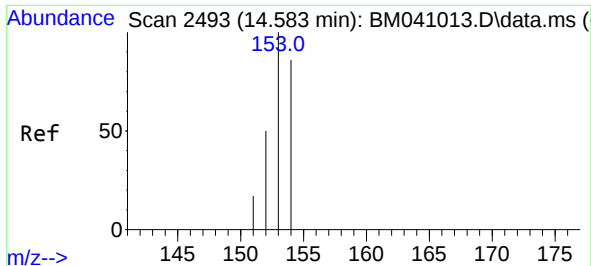
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

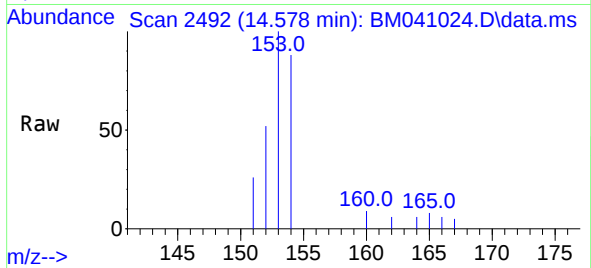
Tgt Ion:152 Resp: 2336
Ion Ratio Lower Upper
152 100
151 29.7 16.8 25.2#
153 22.5 11.6 17.4#





#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.578 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

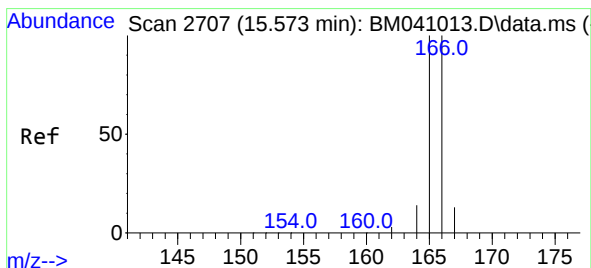
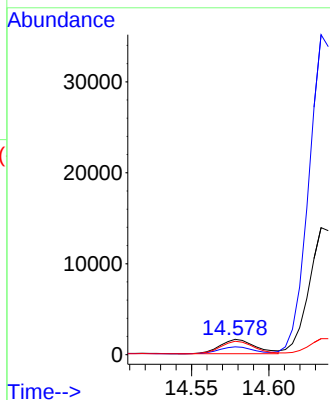
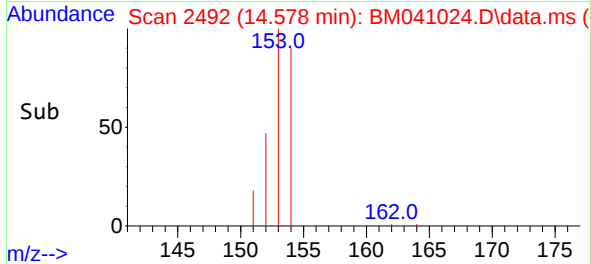
Instrument :
BNA_M
ClientSampleId :
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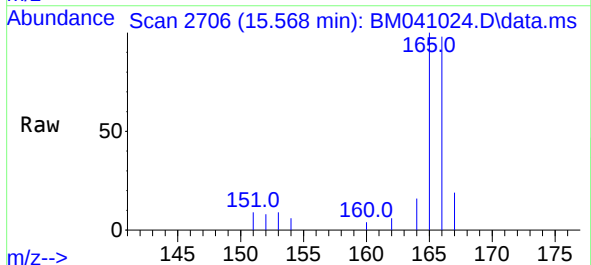
Tgt Ion:153 Resp: 2493
Ion Ratio Lower Upper
153 100
152 51.6 41.0 61.6
154 87.7 68.2 102.2

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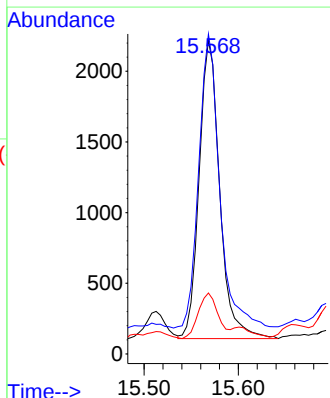
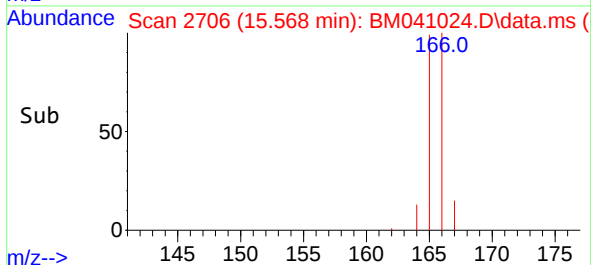
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

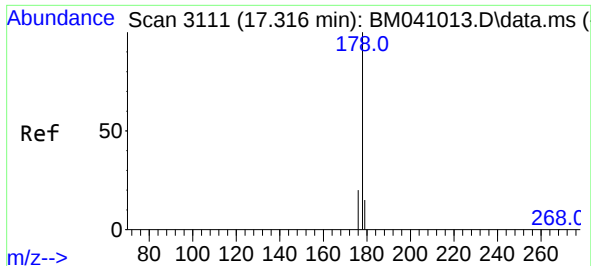


#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45



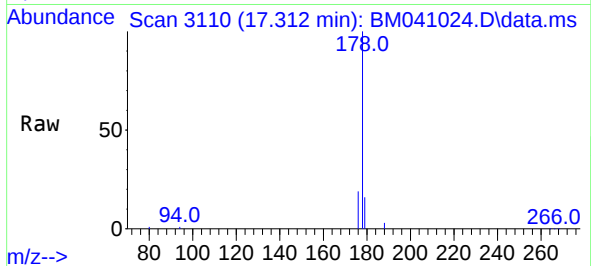
Tgt Ion:166 Resp: 3199
Ion Ratio Lower Upper
166 100
165 102.1 80.3 120.5
167 19.4 11.7 17.5#





#15
Phenanthrene
Concen: 0.773 ng/u1
RT: 17.312 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

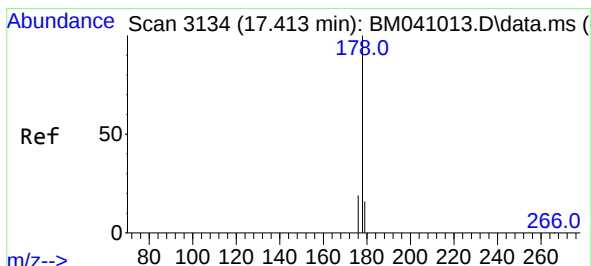
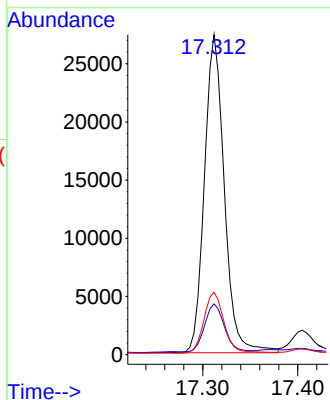
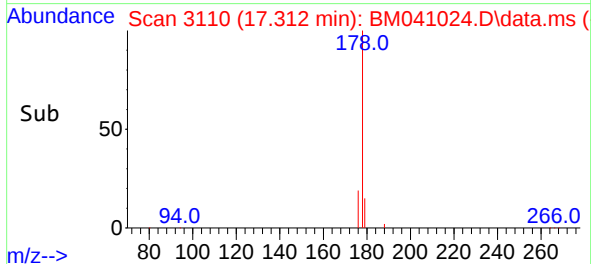
Instrument :
BNA_M
ClientSampleId :
A46R4



Tgt Ion:178 Resp: 3989
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.5 16.2 24.4

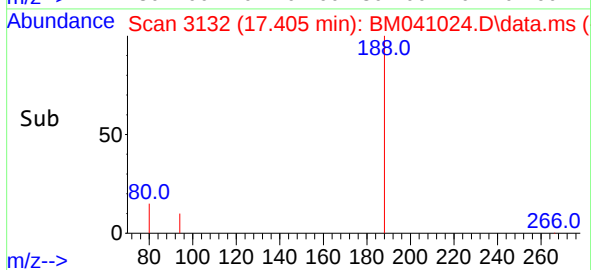
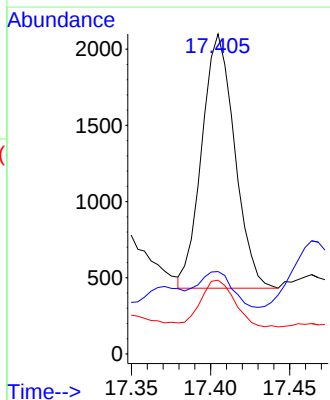
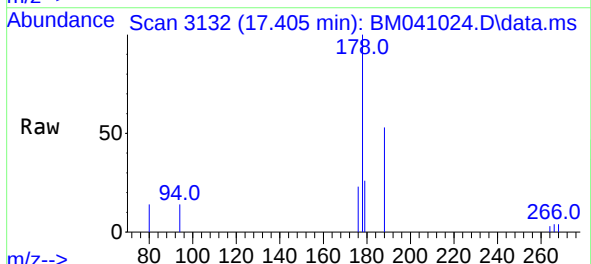
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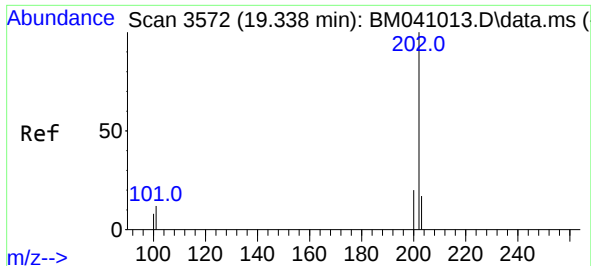
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 0.060 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:178 Resp: 2408
Ion Ratio Lower Upper
178 100
179 25.8 13.7 20.5#
176 23.0 16.4 24.6





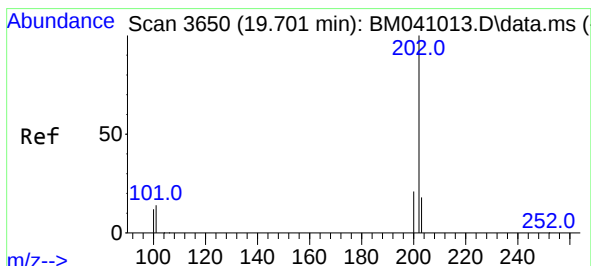
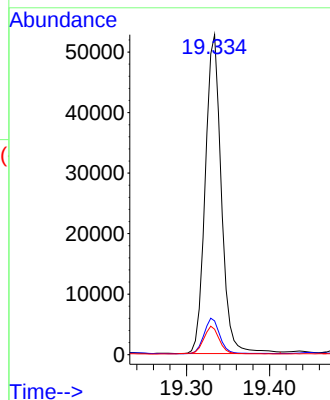
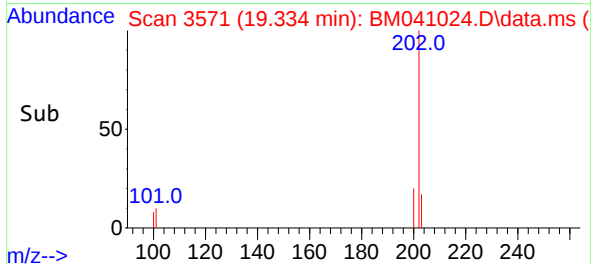
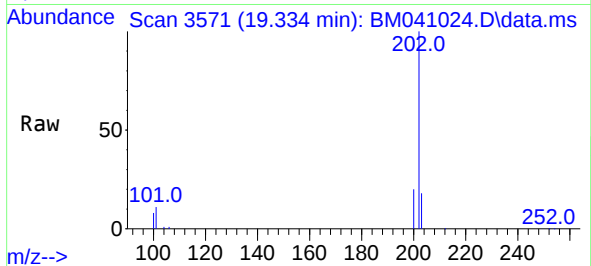
#19
Fluoranthene
Concen: 1.288 ng/u1
RT: 19.334 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
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ClientSampleId :
A46R4

Tgt Ion:202 Resp: 71104
Ion Ratio Lower Upper
202 100
101 10.6 11.0 16.4
100 7.9 8.3 12.5

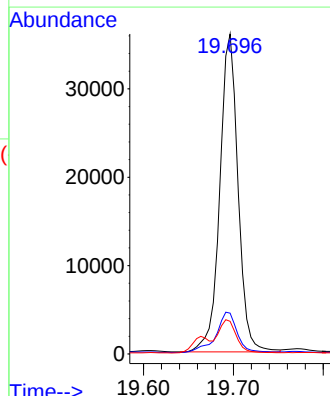
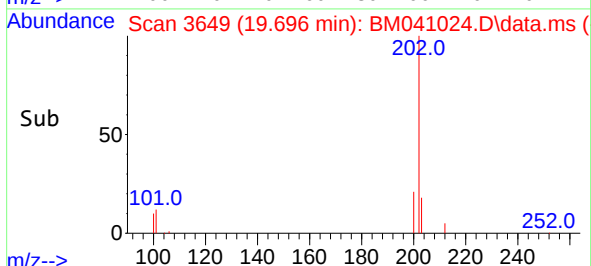
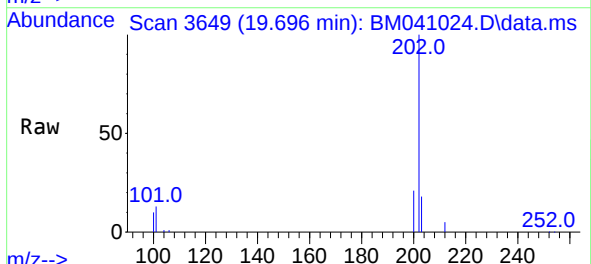
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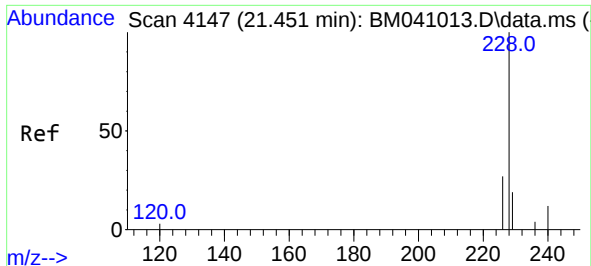
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.898 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

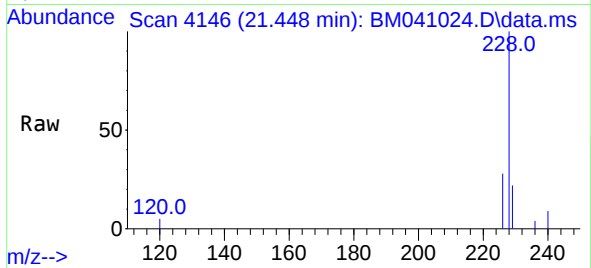
Tgt Ion:202 Resp: 50632
Ion Ratio Lower Upper
202 100
101 12.7 12.5 18.7
100 10.2 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.688 ng/u1
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

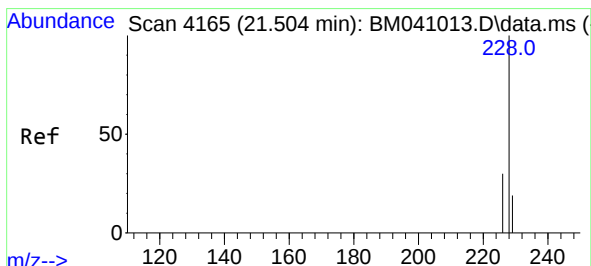
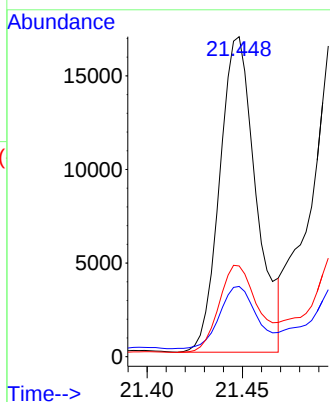
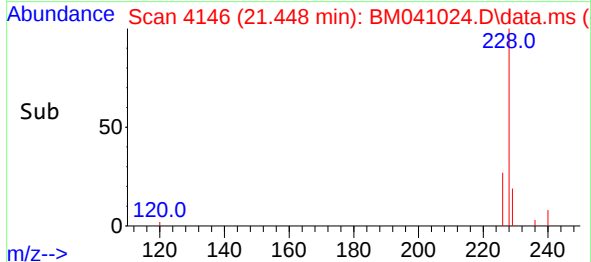
Instrument :
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A46R4



Tgt Ion:228 Resp: 22393
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.4
226 28.3 22.3 33.5

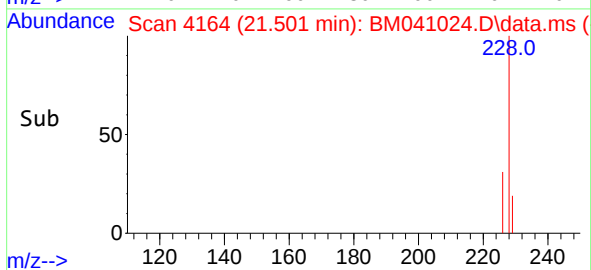
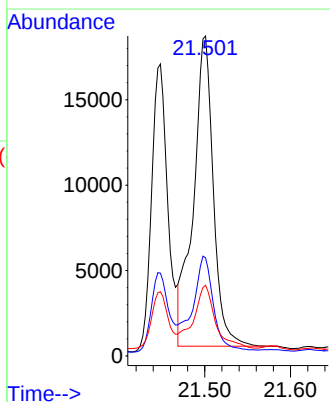
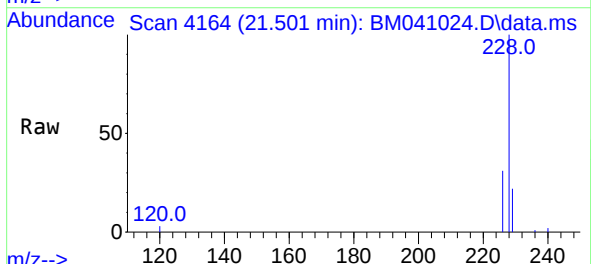
Manual Integrations
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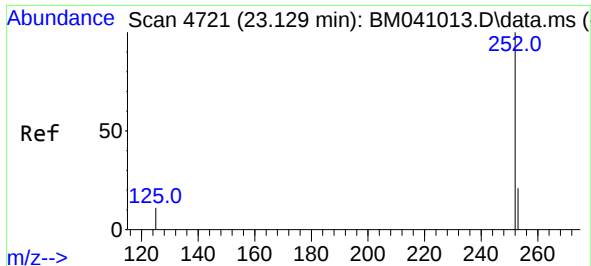
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 0.790 ng/u1
RT: 21.501 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

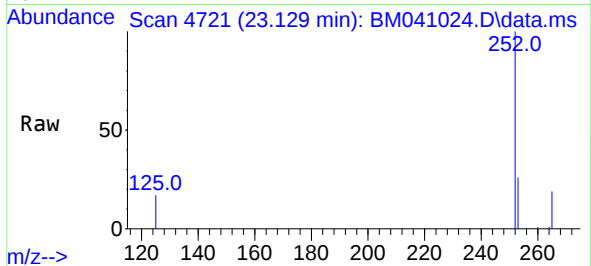
Tgt Ion:228 Resp: 29393
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.1 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.940 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

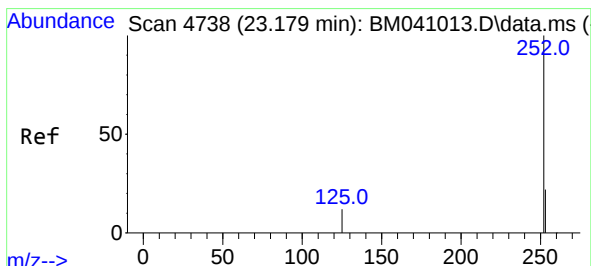
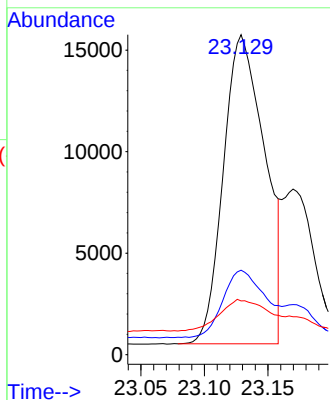
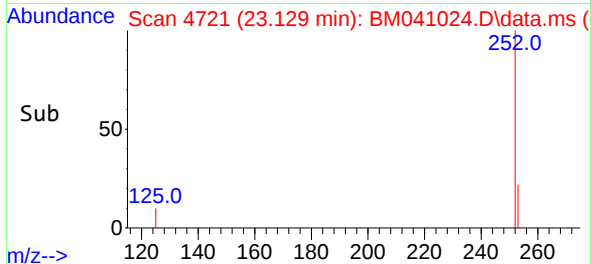
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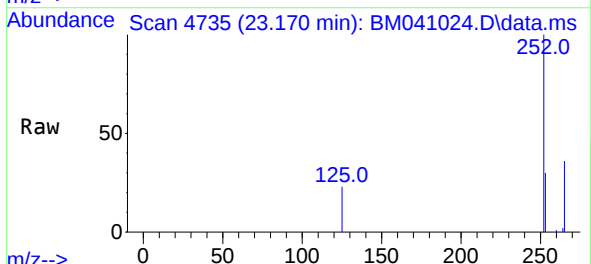
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Ion Ratio Lower Upper
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125 16.8 0.0 45.2

Manual Integrations
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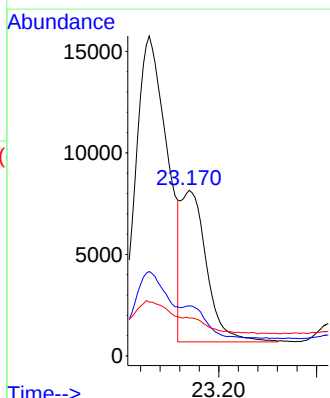
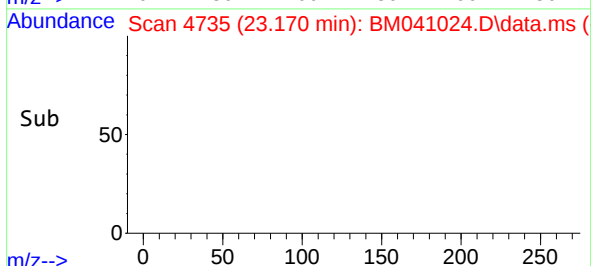
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

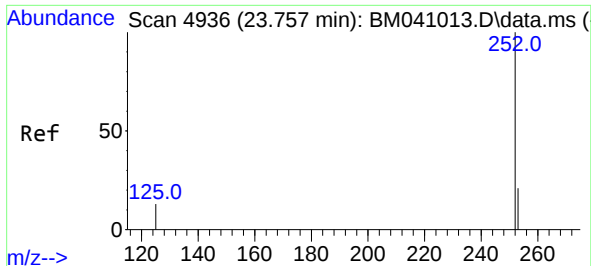


#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.009 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45



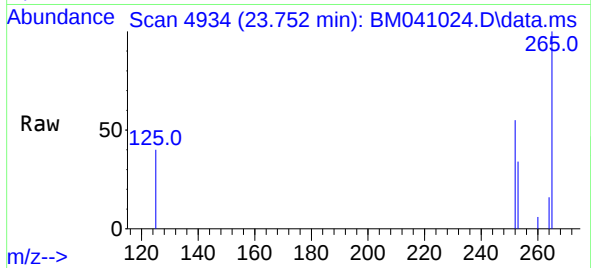
Tgt Ion:252 Resp: 13673
Ion Ratio Lower Upper
252 100
253 30.2 23.3 34.9
125 22.9 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.752 min Scan# 4936
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

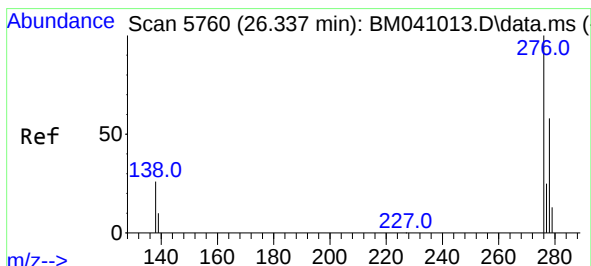
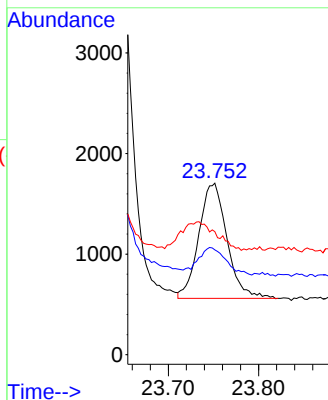
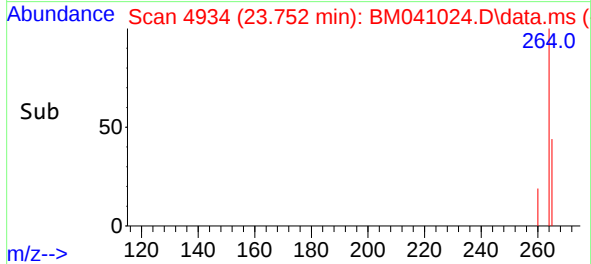
Instrument :
BNA_M
ClientSampleId :
A46R4



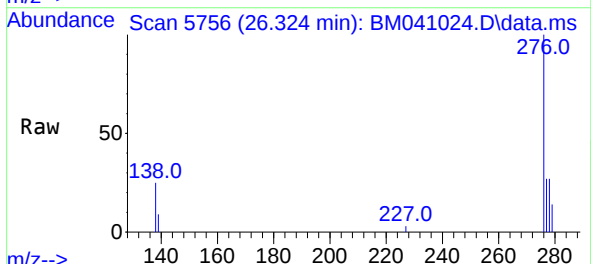
Tgt Ion:252 Resp: 2485
Ion Ratio Lower Upper
252 100
253 61.1 28.2 42.2
125 71.7 25.2 37.8

Manual Integrations
APPROVED

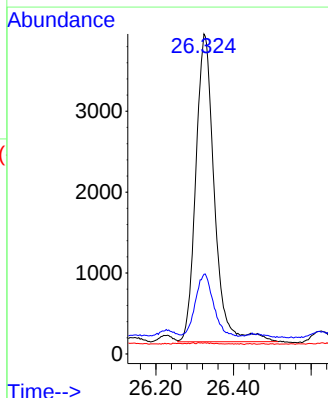
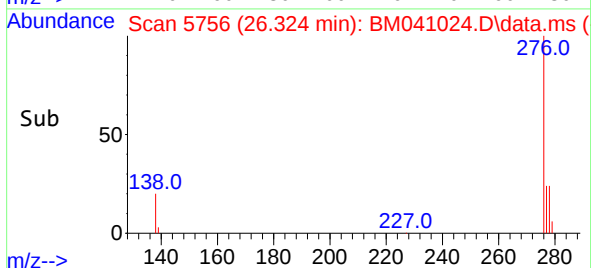
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

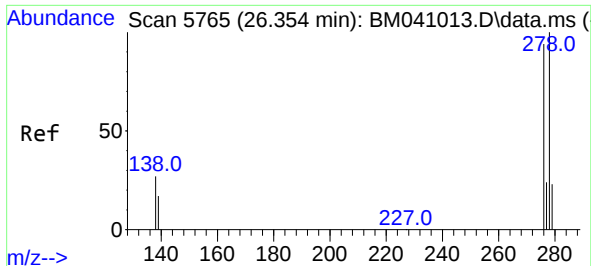


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45



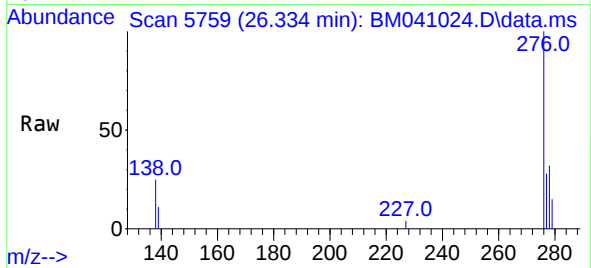
Tgt Ion:276 Resp: 12582
Ion Ratio Lower Upper
276 100
138 19.9 22.3 33.5#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.020 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

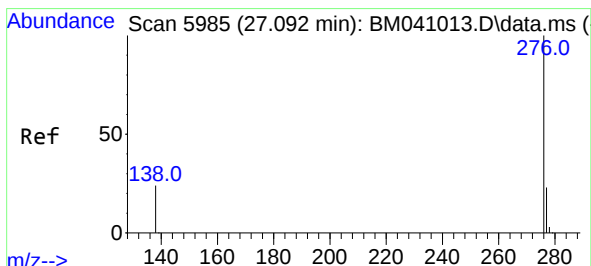
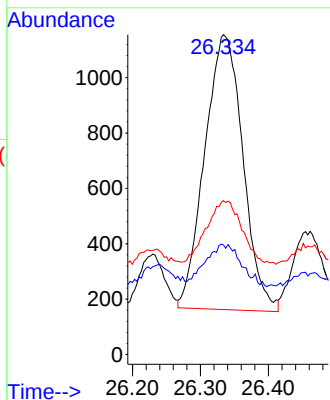
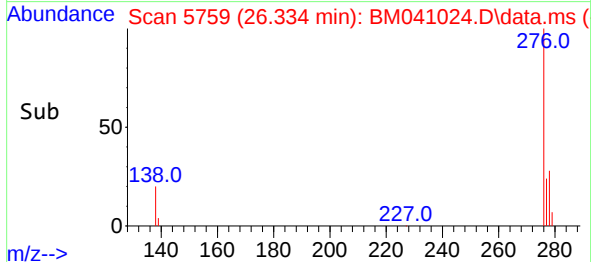
Instrument :
BNA_M
ClientSampleId :
A46R4



Tgt Ion:278 Resp: 388
Ion Ratio Lower Upper
278 100
139 34.3 19.2 28.8
279 48.1 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:276 Resp: 1014
Ion Ratio Lower Upper
276 100
138 64.2 22.6 34.0#
277 52.4 21.2 31.8#

