

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041000.D
 Acq On : 21 Jul 2023 03:16
 Operator : MA/JU
 Sample : 03444-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T6

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 04:56:41 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	3845	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	13943	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	6884	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	18628	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	8147	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	9161	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	30955	4.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	8534	0.459	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	13175	0.384	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	17620	0.462	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	1864	0.089	ng/ul	99
8) 1-Methylnaphthalene	12.555	142	1253	0.056	ng/ul	95
10) Acenaphthylene	14.236	152	3322	0.115	ng/ul#	88
11) Acenaphthene	14.578	153	4807	0.189	ng/ul	99
12) Fluorene	15.568	166	4960	0.188	ng/ul	98
15) Phenanthrene	17.312	178	79105	1.421	ng/ul	99
16) Anthracene	17.405	178	9508	0.219	ng/ul	98
19) Fluoranthene	19.334	202	137614	3.272	ng/ul	96
20) Pyrene	19.696	202	126573	2.945	ng/ul	97
21) Benzo(a)anthracene	21.445	228	45485	1.833	ng/ul	99
22) Chrysene	21.498	228	52418	1.848	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	57629	1.639	ng/ul	90
25) Benzo(k)fluoranthene	23.167	252	24640m	0.738	ng/ul	
26) Benzo(a)pyrene	23.746	252	30791	1.014	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.317	276	30065	0.746	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.327	278	7104	0.233	ng/ul#	94
29) Benzo(g,h,i)perylene	27.082	276	29070	0.781	ng/ul	97

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

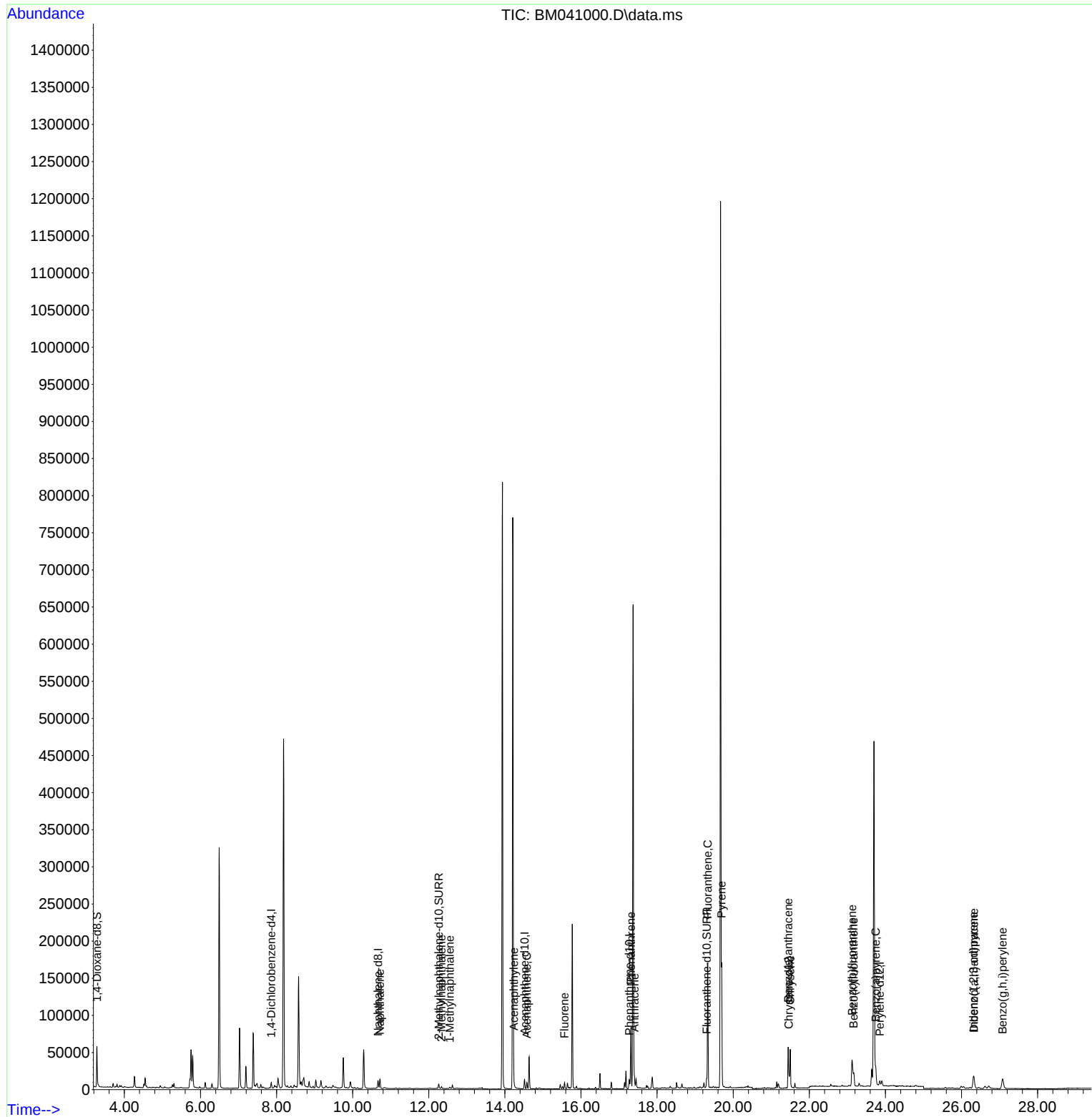
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041000.D
Acq On : 21 Jul 2023 03:16
Operator : MA/JU
Sample : 03444-12
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ALS Vial : 32 Sample Multiplier: 1

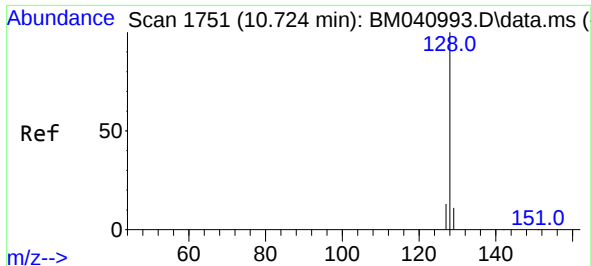
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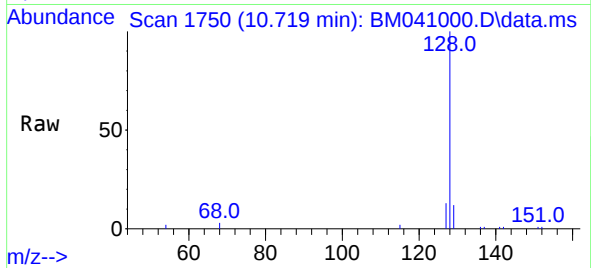
Quant Time: Jul 21 04:56:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

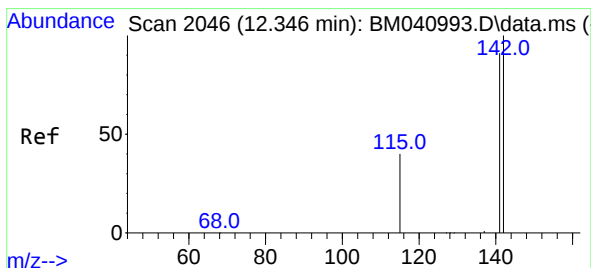
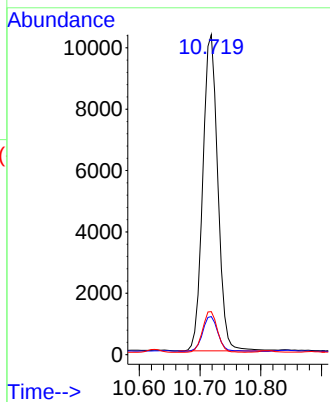
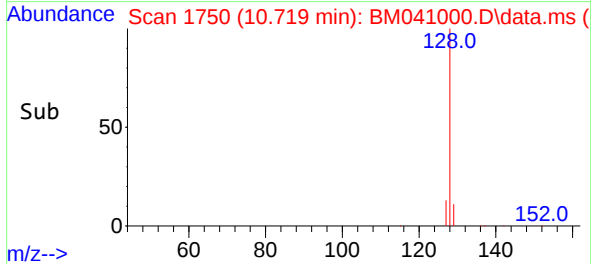
Instrument :
BNA_M
ClientSampleId :
A46T6



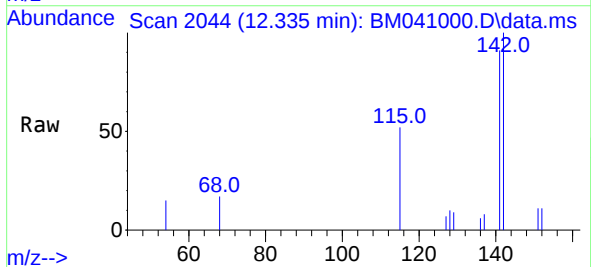
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Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.8
127 13.5 11.0 16.4

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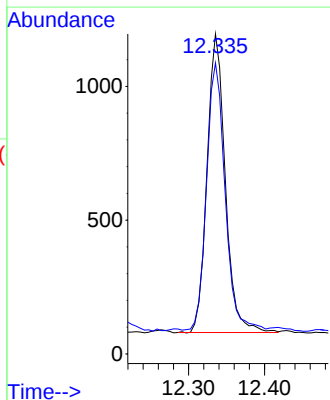
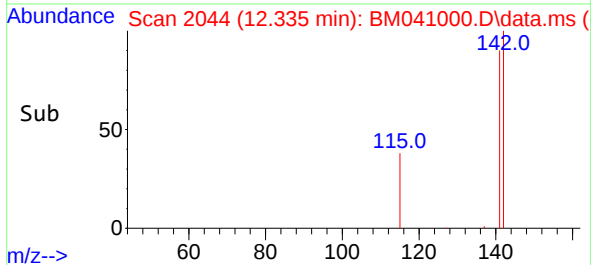
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

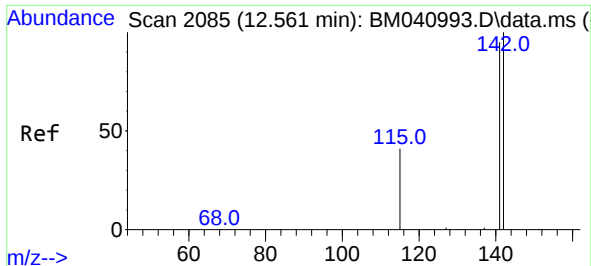


#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16



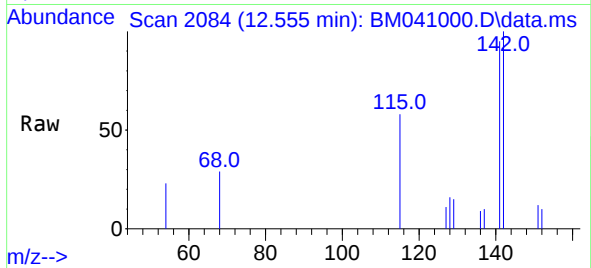
Tgt Ion:142 Resp: 1864
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.555 min Scan# 2085
Delta R.T. -0.011 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

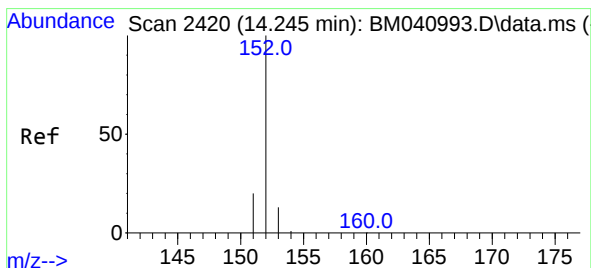
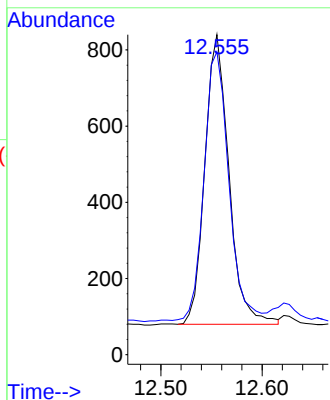
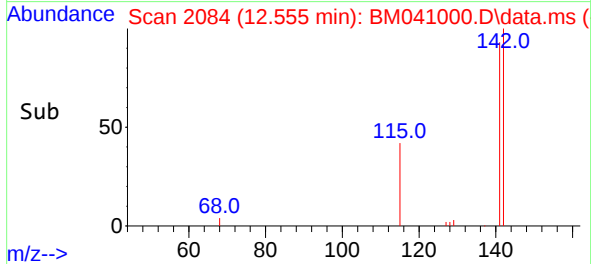
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
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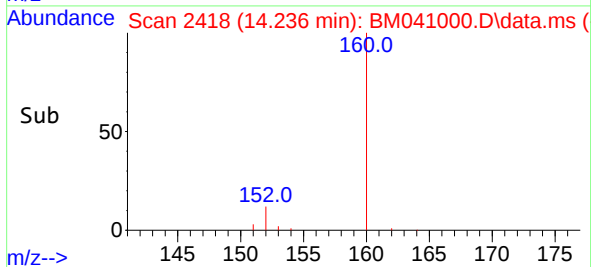
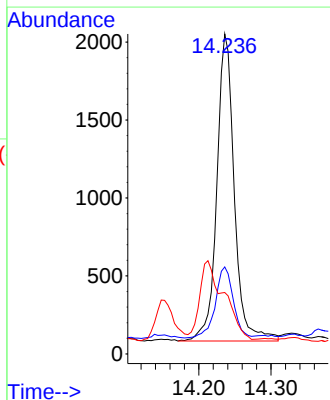
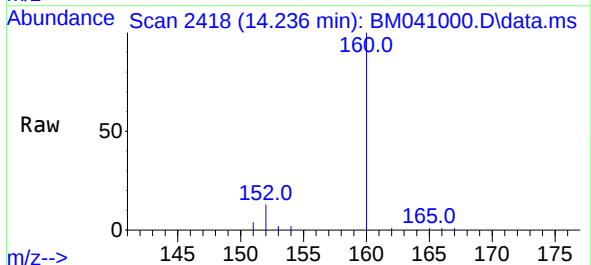
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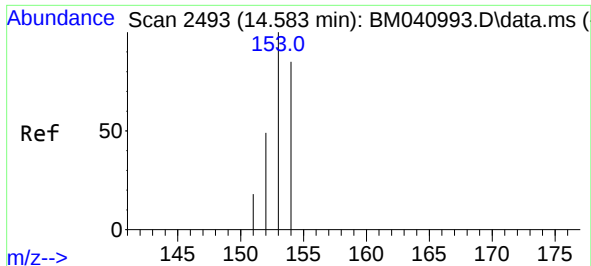
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.115 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

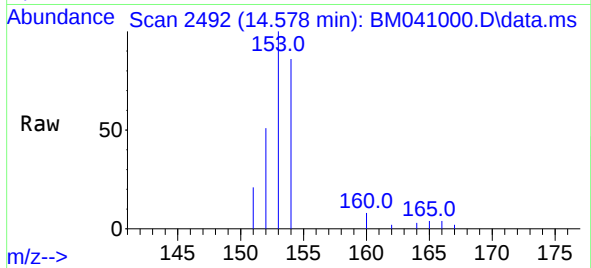
Tgt Ion:152 Resp: 3322
Ion Ratio Lower Upper
152 100
151 27.2 16.8 25.2#
153 19.2 11.6 17.4#





#11
Acenaphthene
Concen: 0.189 ng/ul
RT: 14.578 min Scan# 2493
Delta R.T. -0.009 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

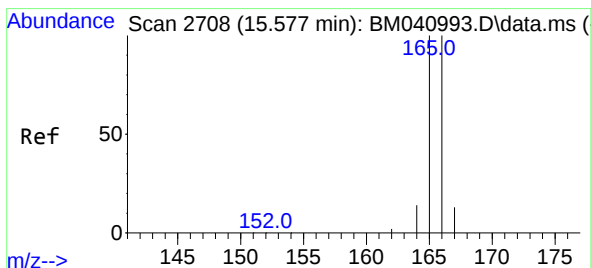
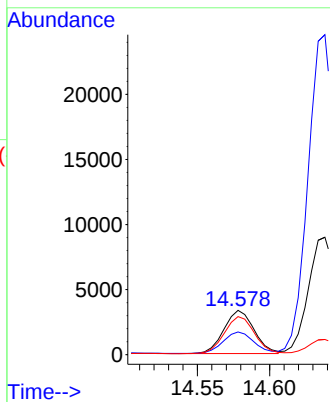
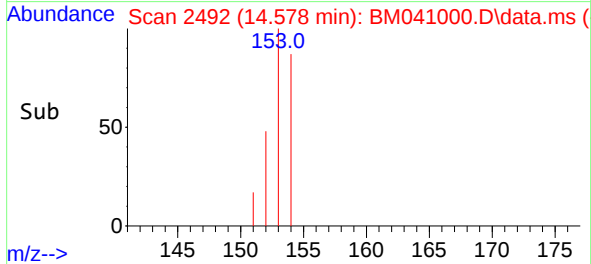
Instrument :
BNA_M
ClientSampleId :
A46T6



Tgt Ion:153 Resp: 480
Ion Ratio Lower Upper
153 100
152 51.2 41.0 61.6
154 86.0 68.2 102.2

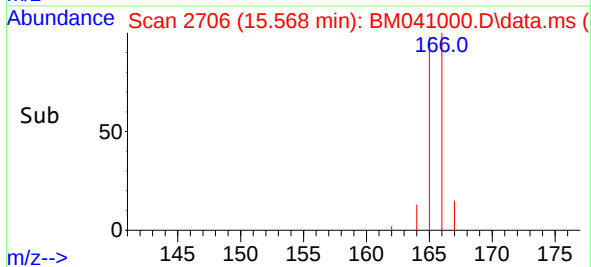
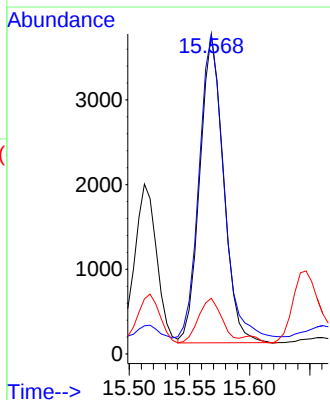
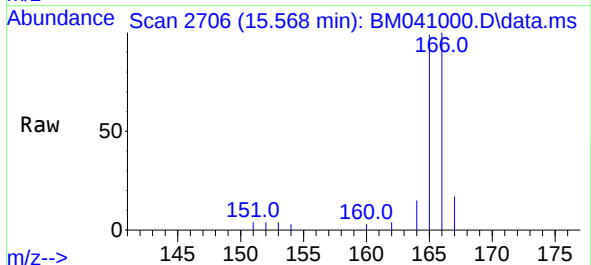
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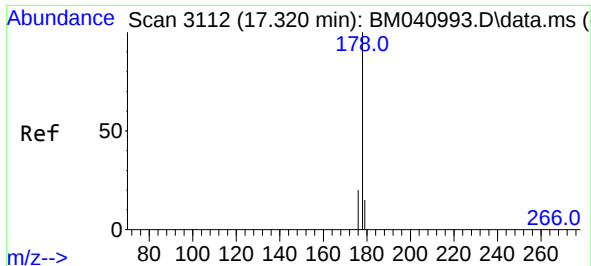
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.188 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.014 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

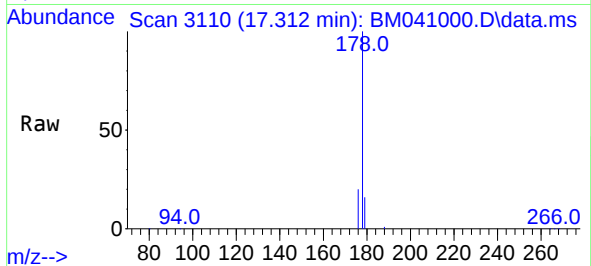
Tgt Ion:166 Resp: 4960
Ion Ratio Lower Upper
166 100
165 99.5 80.3 120.5
167 17.4 11.7 17.5





#15
Phenanthrene
Concen: 1.421 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

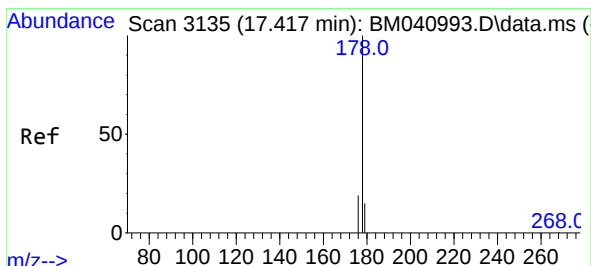
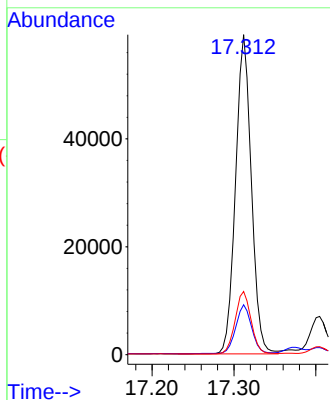
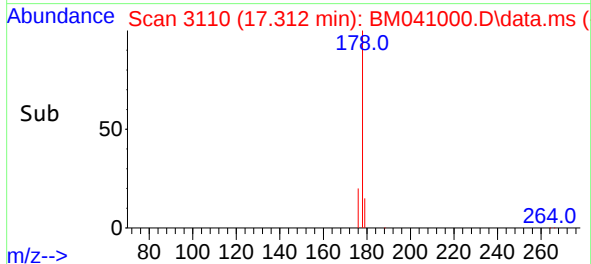
Instrument :
BNA_M
ClientSampleId :
A46T6



Tgt Ion:178 Resp: 7910
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.7 16.2 24.4

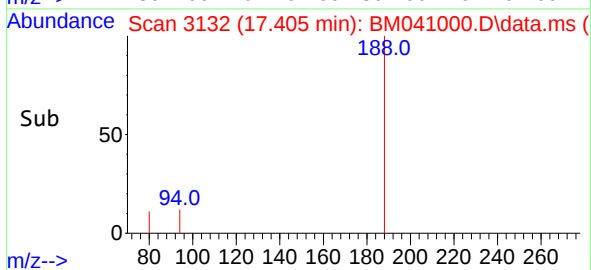
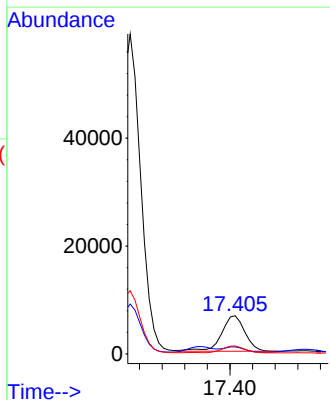
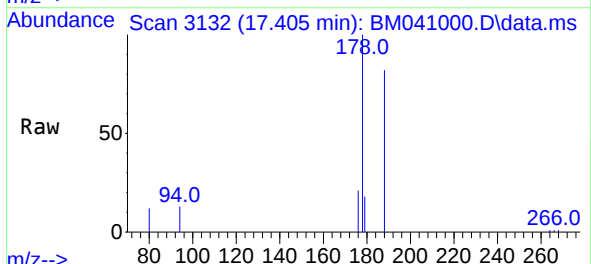
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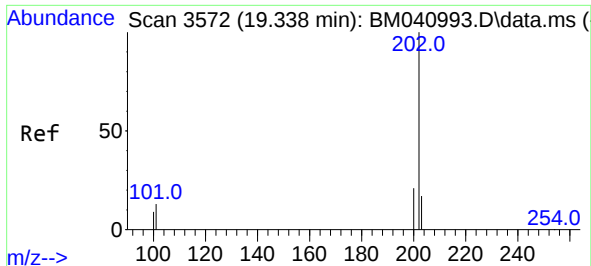
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.219 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

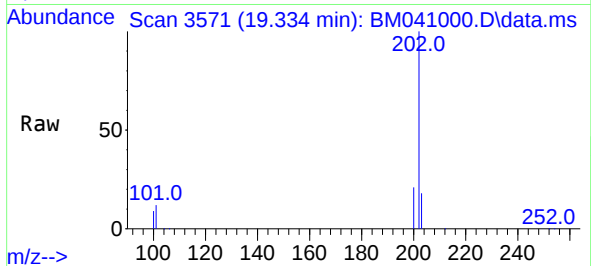
Tgt Ion:178 Resp: 9508
Ion Ratio Lower Upper
178 100
179 18.4 13.7 20.5
176 21.0 16.4 24.6





#19
Fluoranthene
Concen: 3.272 ng/ul
RT: 19.334 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

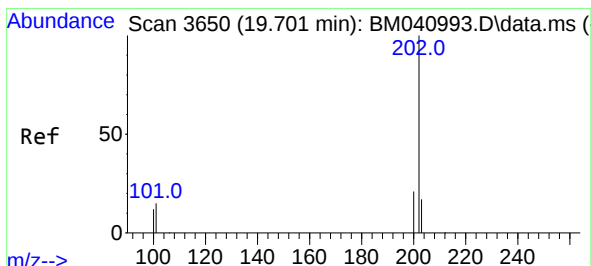
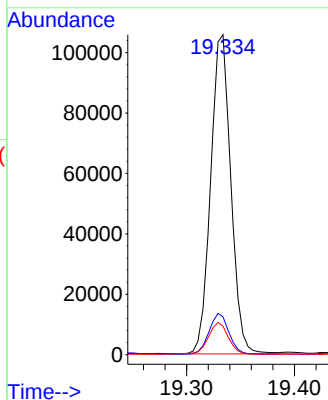
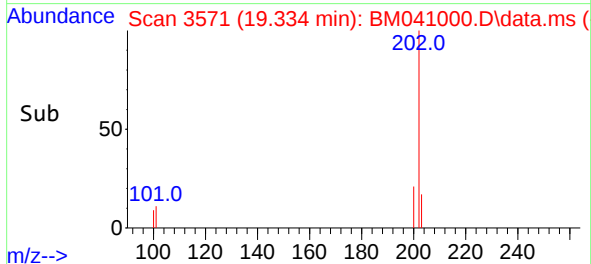
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BNA_M
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A46T6



Tgt Ion:202 Resp: 137614
Ion Ratio Lower Upper
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101 11.8 11.0 16.4
100 8.9 8.3 12.5

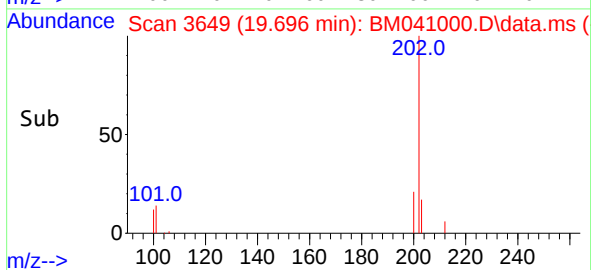
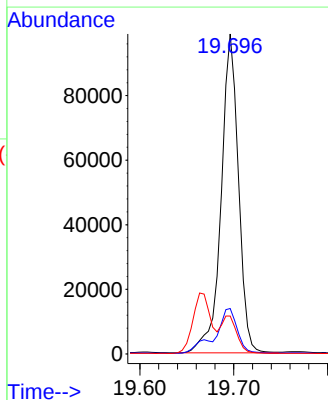
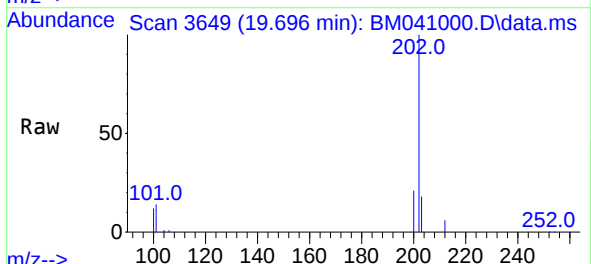
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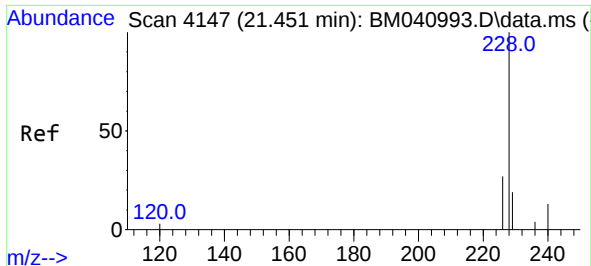
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 2.945 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

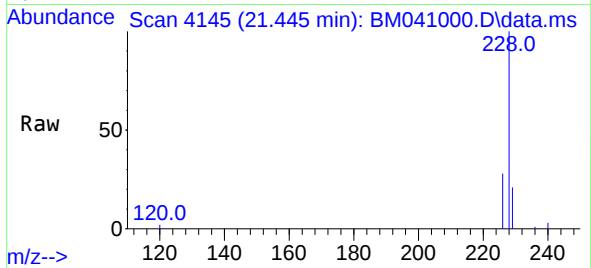
Tgt Ion:202 Resp: 126573
Ion Ratio Lower Upper
202 100
101 14.2 12.5 18.7
100 11.8 10.0 15.0





#21
Benzo(a)anthracene
Concen: 1.833 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

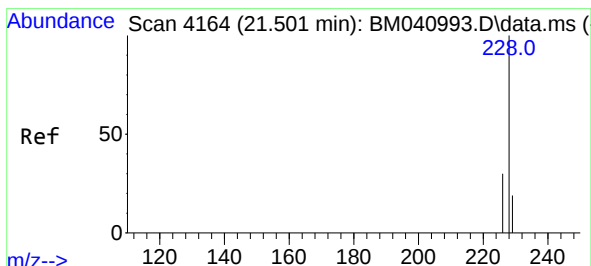
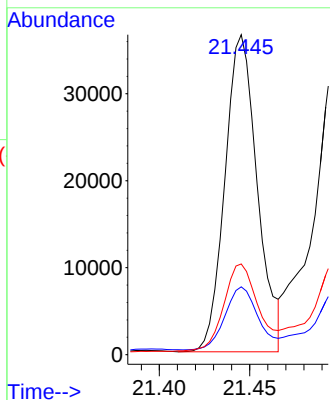
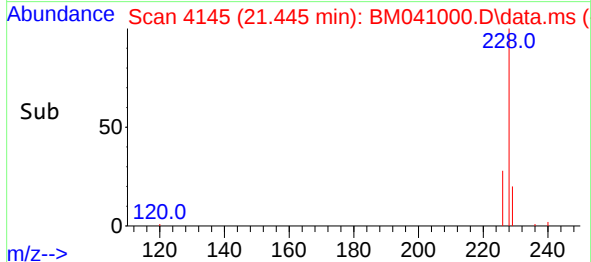
Instrument :
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A46T6



Tgt Ion:228 Resp: 45485
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.4
226 28.4 22.3 33.5

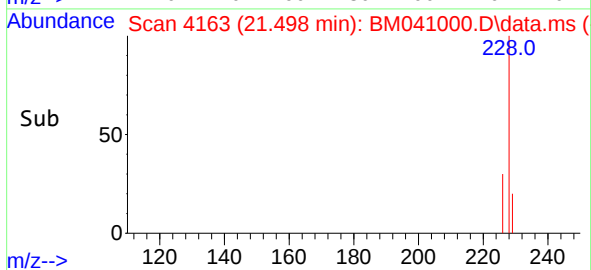
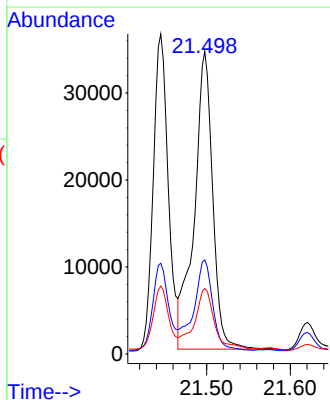
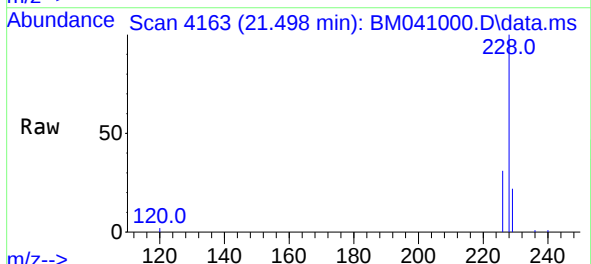
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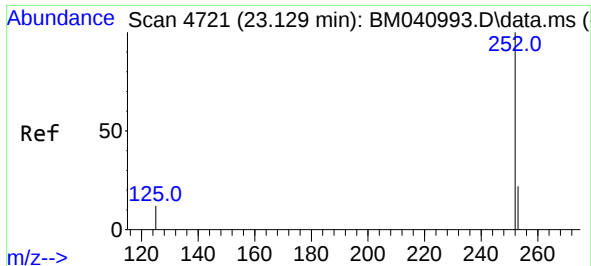
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 1.848 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

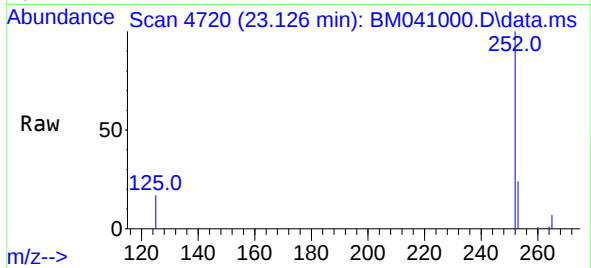
Tgt Ion:228 Resp: 52418
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.6 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 1.639 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.009 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

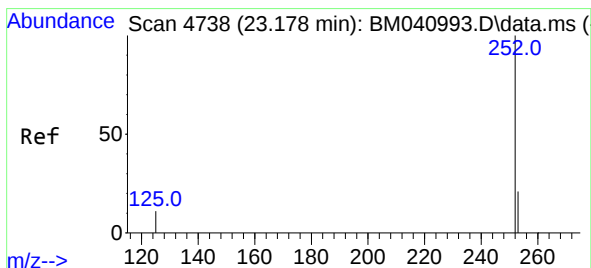
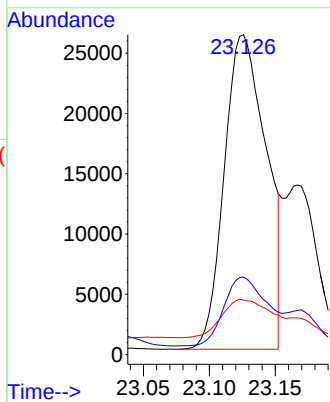
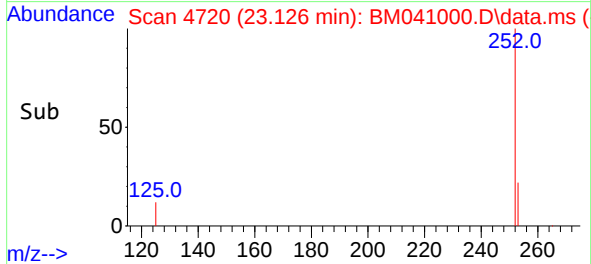
Instrument :
BNA_M
ClientSampleId :
A46T6



Tgt Ion:252 Resp: 57629
Ion Ratio Lower Upper
252 100
253 24.2 0.0 57.4
125 17.1 0.0 45.2

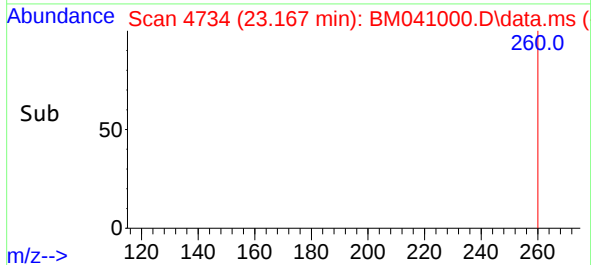
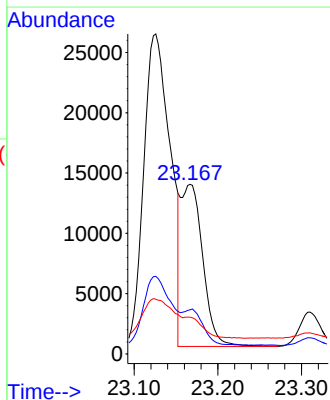
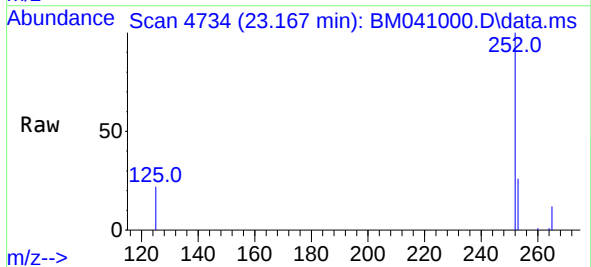
Manual Integrations
APPROVED

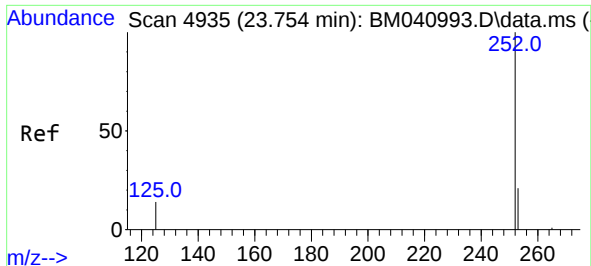
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.738 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.020 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

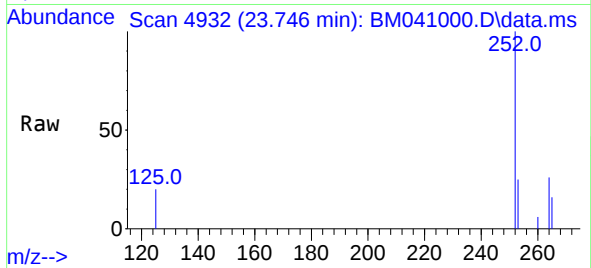
Tgt Ion:252 Resp: 24640
Ion Ratio Lower Upper
252 100
253 26.1 23.3 34.9
125 21.7 18.2 27.2





#26
Benzo(a)pyrene
Concen: 1.014 ng/ul
RT: 23.746 min Scan# 4935
Delta R.T. -0.017 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

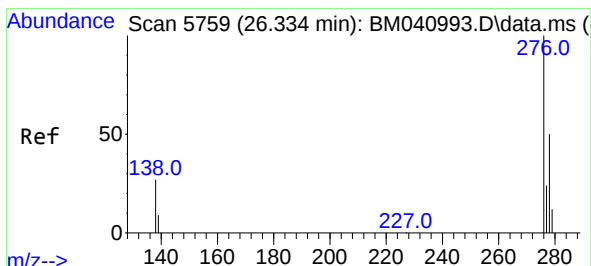
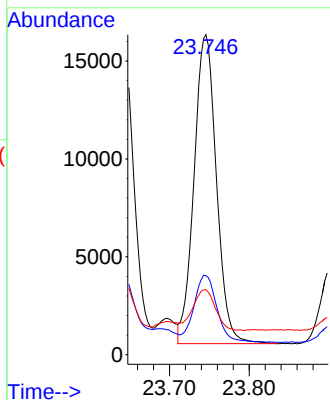
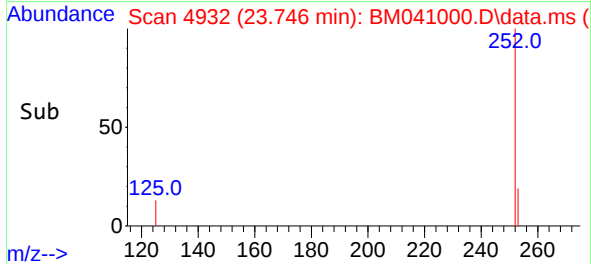
Instrument :
BNA_M
ClientSampleId :
A46T6



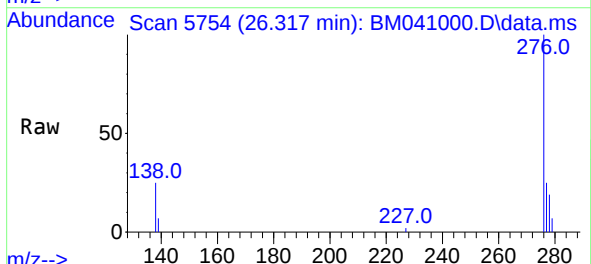
Tgt Ion:252 Resp: 3079
Ion Ratio Lower Upper
252 100
253 24.7 28.2 42.2
125 20.3 25.2 37.8

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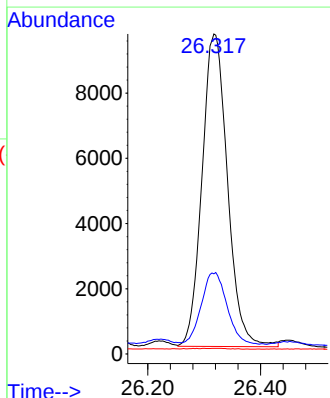
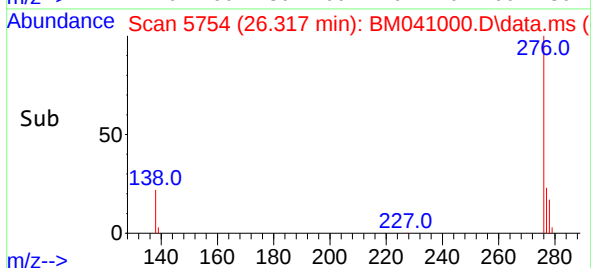
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

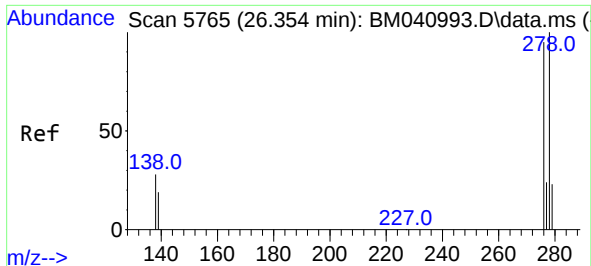


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.746 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. -0.033 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16



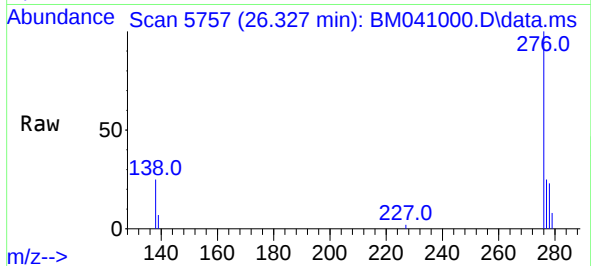
Tgt Ion:276 Resp: 30065
Ion Ratio Lower Upper
276 100
138 23.1 22.3 33.5
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.040 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16

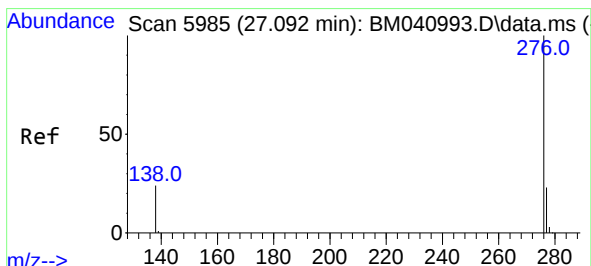
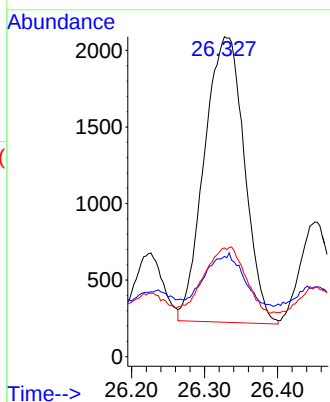
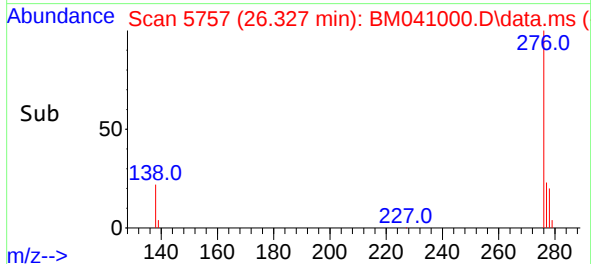
Instrument :
BNA_M
ClientSampleId :
A46T6



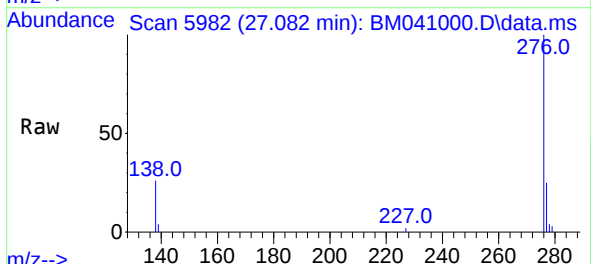
Tgt Ion: 278 Resp: 7104
Ion Ratio Lower Upper
278 100
139 31.3 19.2 28.8
279 34.0 27.0 40.6

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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: 0.781 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.020 min
Lab File: BM041000.D
Acq: 21 Jul 2023 03:16



Tgt Ion: 276 Resp: 29070
Ion Ratio Lower Upper
276 100
138 26.1 22.6 34.0
277 25.3 21.2 31.8

