

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041090.D
 Acq On : 25 Jul 2023 00:26
 Operator : MA/JU
 Sample : 03534-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4737

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:04:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 00:13:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3042	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	9904	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.490	164	4935	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	11953	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	9502	0.400	ng/ul	#-0.01
23) Perylene-d12	23.827	264	10180	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	12213	2.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	2589	0.183	ng/ul	-0.01
18) Fluoranthene-d10	19.282	212	5243	0.203	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	7158	0.222	ng/ul	98
7) 2-Methylnaphthalene	12.313	142	2120	0.134	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	1742	0.107	ng/ul	100
10) Acenaphthylene	14.213	152	3380	0.162	ng/ul#	89
11) Acenaphthene	14.555	153	8703	0.495	ng/ul	99
12) Fluorene	15.545	166	9137	0.476	ng/ul	98
15) Phenanthrene	17.291	178	118869	3.226	ng/ul	98
16) Anthracene	17.383	178	29189	0.979	ng/ul	99
19) Fluoranthene	19.310	202	212216	6.232	ng/ul	98
20) Pyrene	19.678	202	189176	5.038	ng/ul	97
21) Benzo(a)anthracene	21.428	228	88829	2.796	ng/ul	100
22) Chrysene	21.480	228	88239	2.405	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	103719	2.557	ng/ul	92
25) Benzo(k)fluoranthene	23.146	252	36814m	0.951	ng/ul	
26) Benzo(a)pyrene	23.719	252	63826	1.943	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.283	276	49056	1.008	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.297	278	12599	0.330	ng/ul#	93
29) Benzo(g,h,i)perylene	27.045	276	43558	1.002	ng/ul	98

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

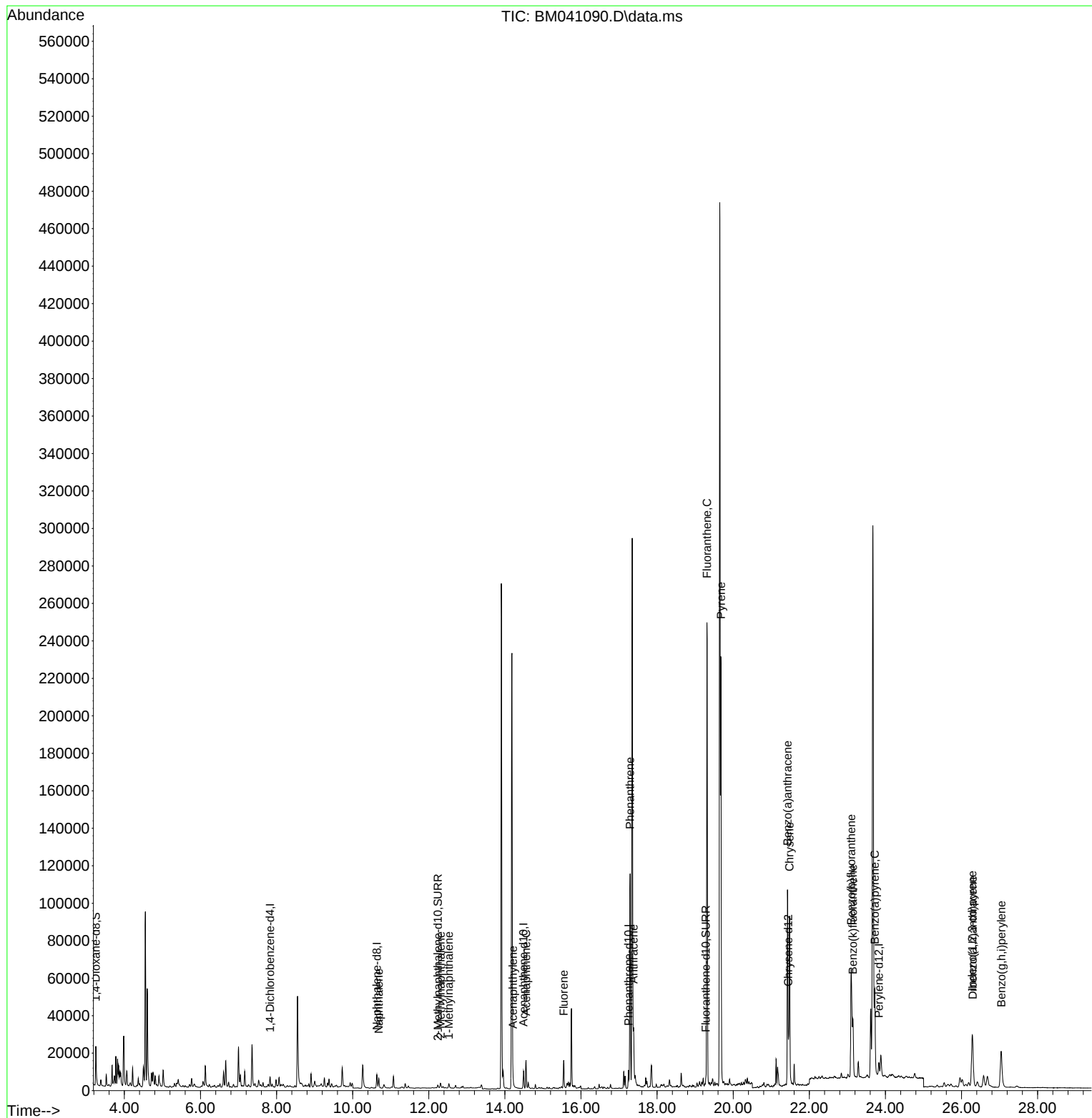
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041090.D
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ALS Vial : 13 Sample Multiplier: 1

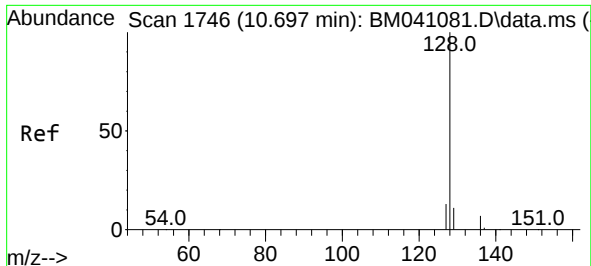
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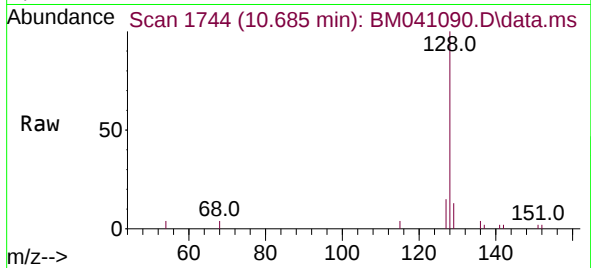
Quant Time: Jul 25 02:04:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.222 ng/ul
RT: 10.685 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

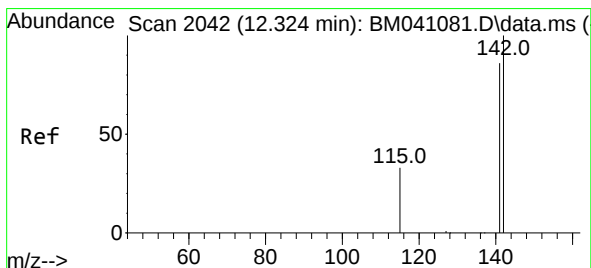
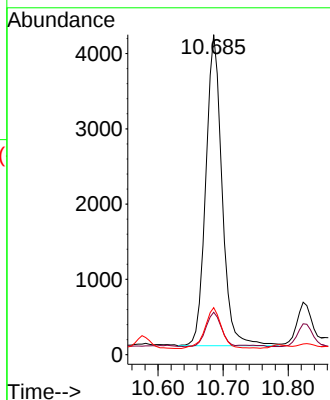
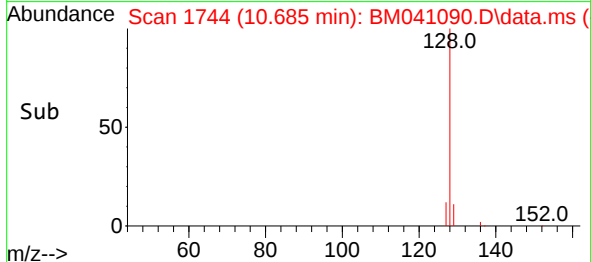
Instrument :
BNA_M
ClientSampleId :
A4737



Tgt Ion:128 Resp: 7158
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 14.7 11.1 16.7

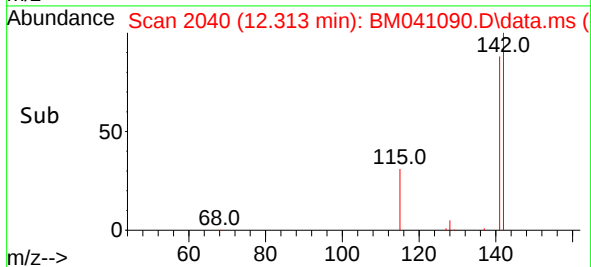
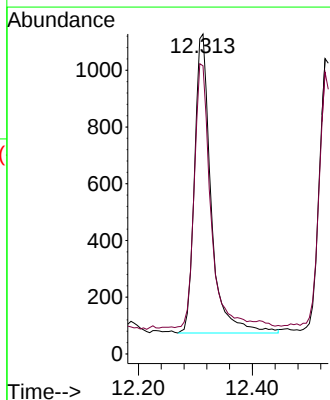
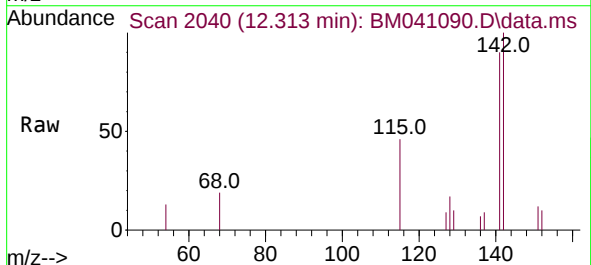
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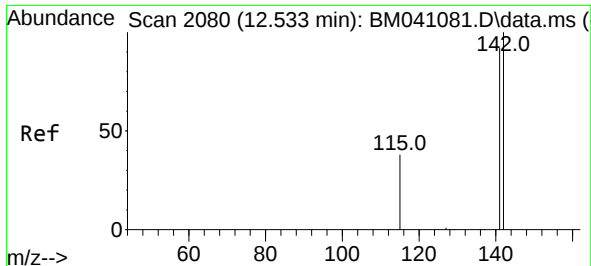
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#7
2-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

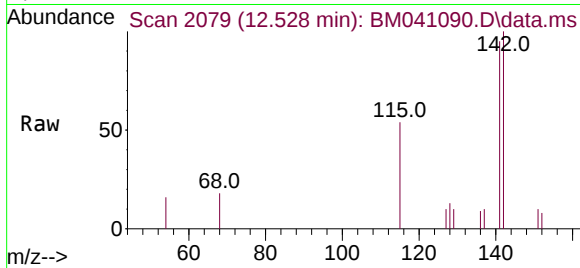
Tgt Ion:142 Resp: 2120
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.528 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

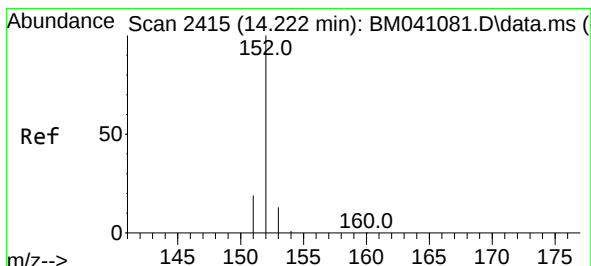
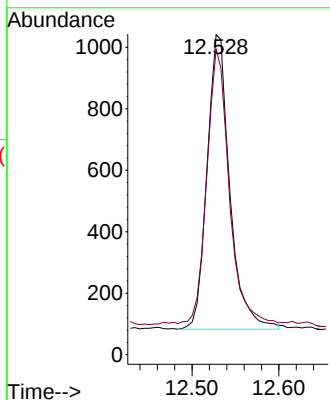
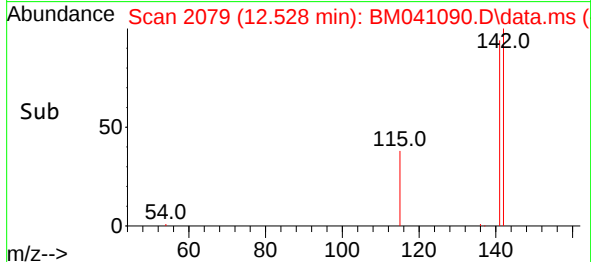
Instrument :
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Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
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141 92.3 73.6 110.4

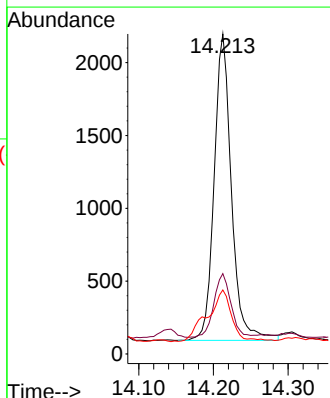
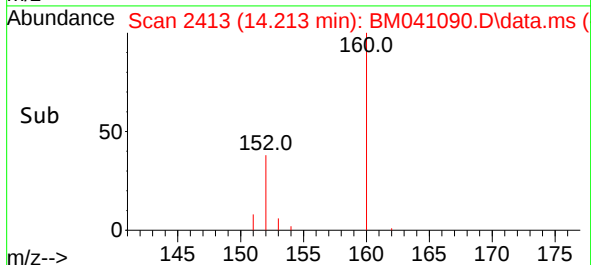
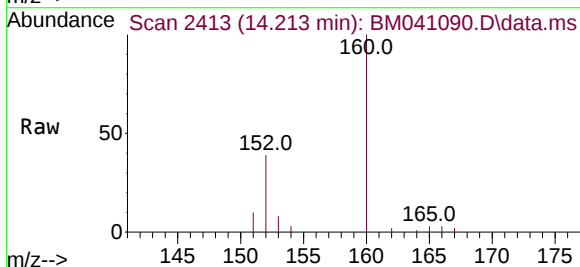
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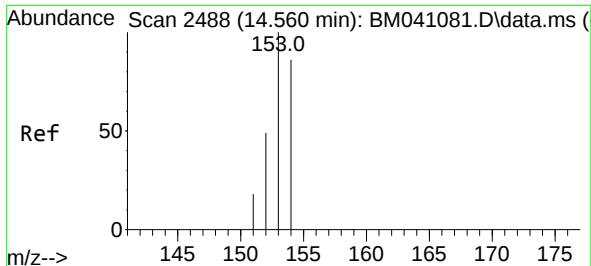
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

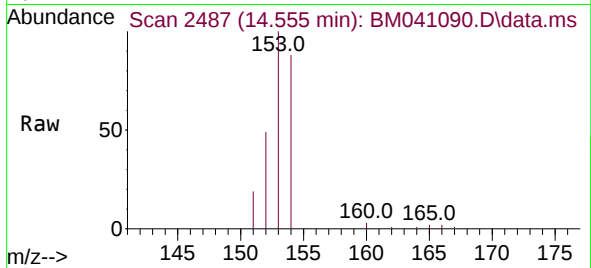
Tgt Ion:152 Resp: 3380
Ion Ratio Lower Upper
152 100
151 25.1 16.8 25.2
153 20.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.495 ng/ul
RT: 14.555 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

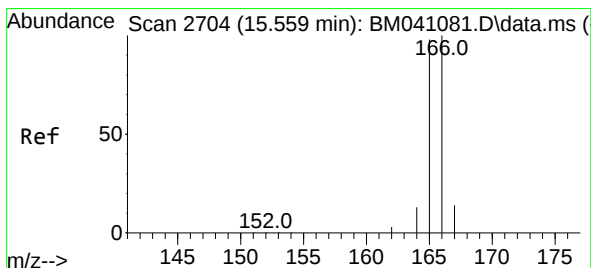
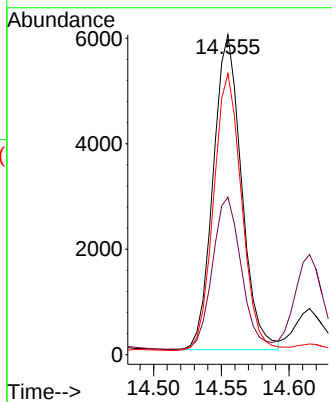
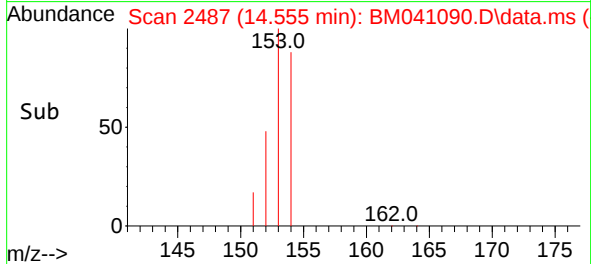
Instrument :
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Tgt Ion:153 Resp: 870
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 87.9 70.3 105.5

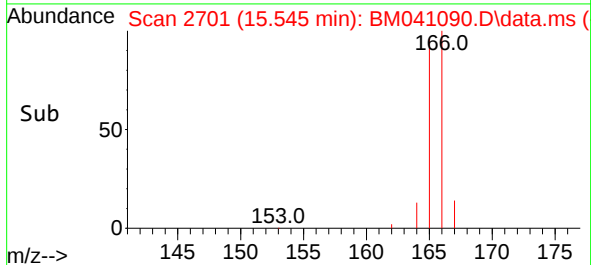
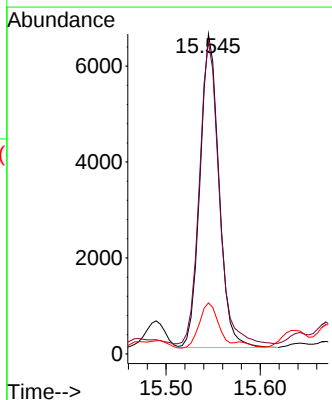
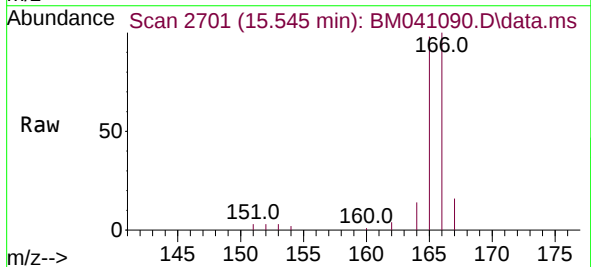
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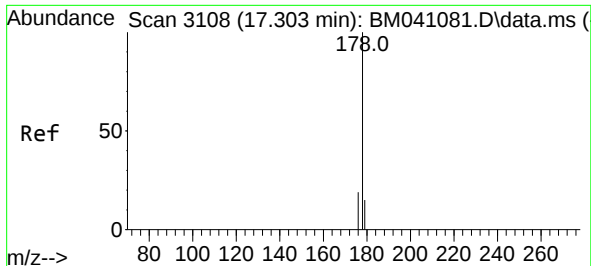
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Supervised By :mohammad ahmed 07/25/2023



#12
Fluorene
Concen: 0.476 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.009 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

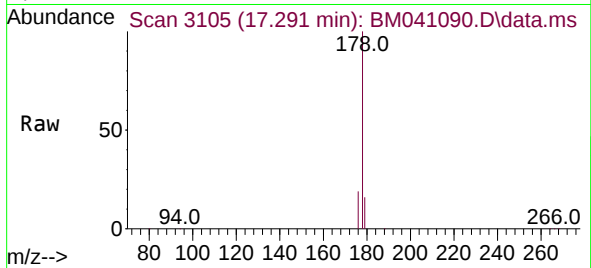
Tgt Ion:166 Resp: 9137
Ion Ratio Lower Upper
166 100
165 97.6 79.4 119.0
167 16.0 11.4 17.2





#15
Phenanthrene
Concen: 3.226 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.008 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

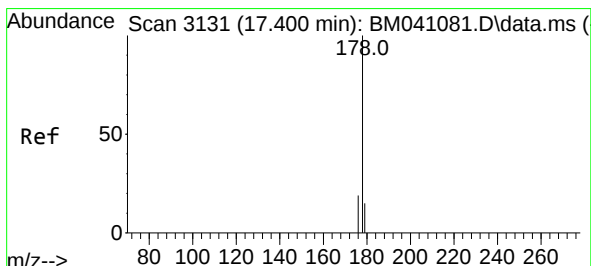
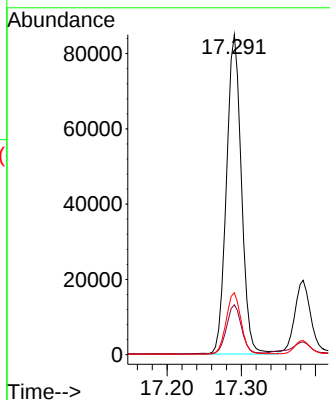
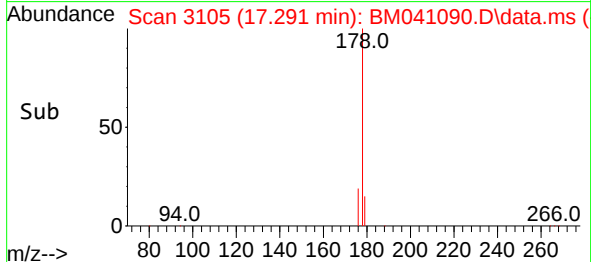
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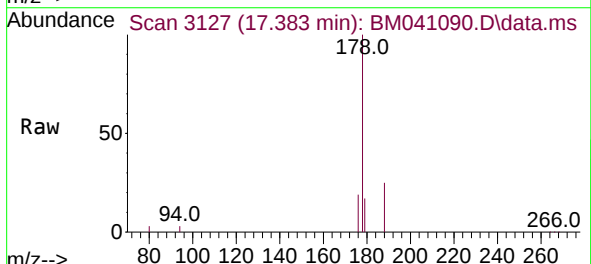
Tgt Ion:178 Resp: 118869
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.3 16.0 24.0

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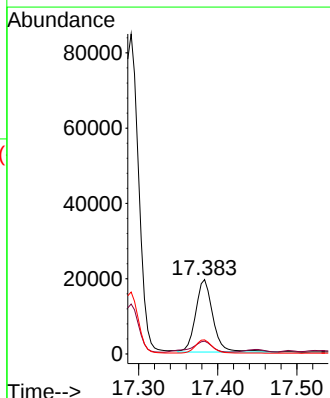
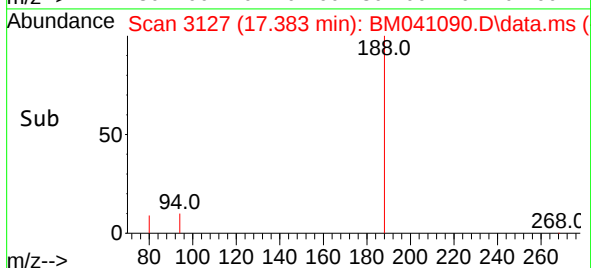
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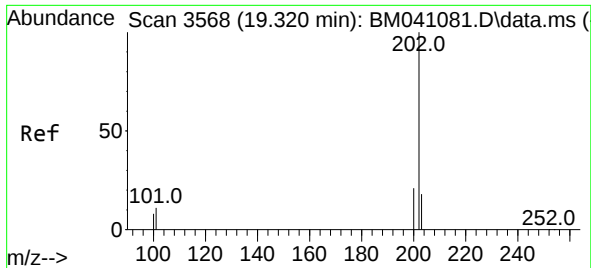


#16
Anthracene
Concen: 0.979 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26



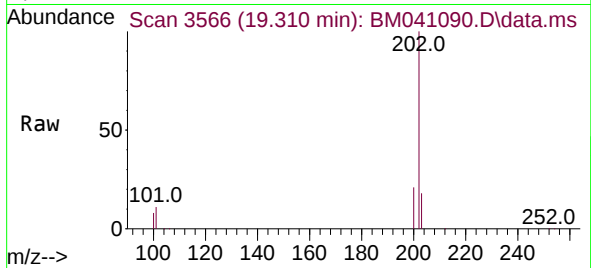
Tgt Ion:178 Resp: 29189
Ion Ratio Lower Upper
178 100
179 17.2 13.6 20.4
176 19.0 16.0 24.0





#19
Fluoranthene
Concen: 6.232 ng/u1
RT: 19.310 min Scan# 3566
Delta R.T. -0.009 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

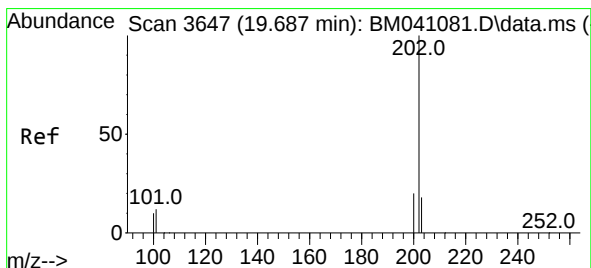
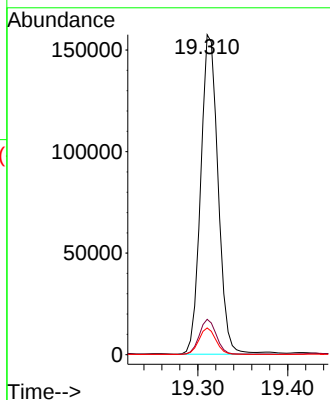
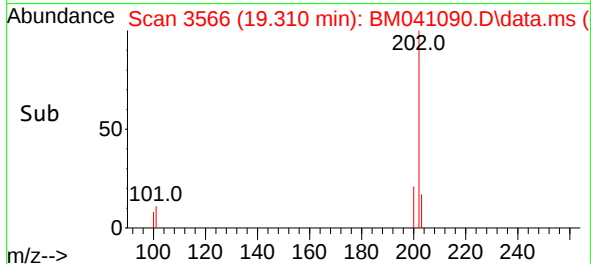
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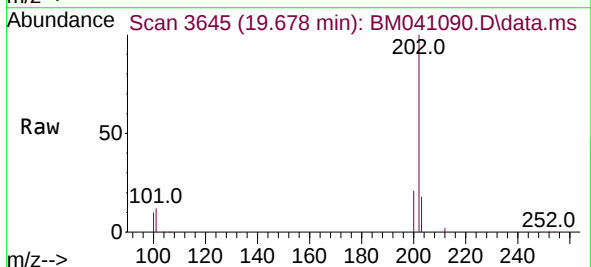
Tgt Ion:202 Resp: 212210
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.0
100 8.4 7.1 10.7

Manual Integrations
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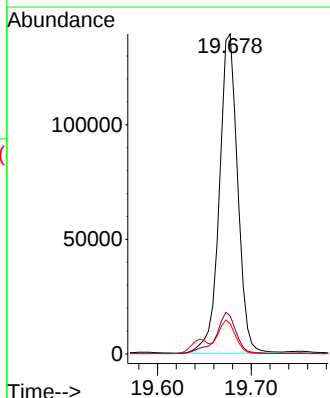
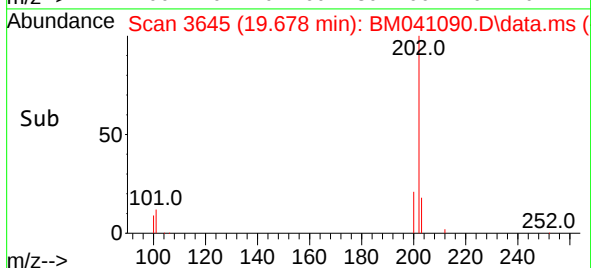
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

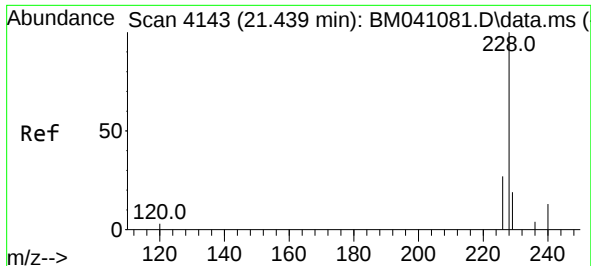


#20
Pyrene
Concen: 5.038 ng/u1
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26



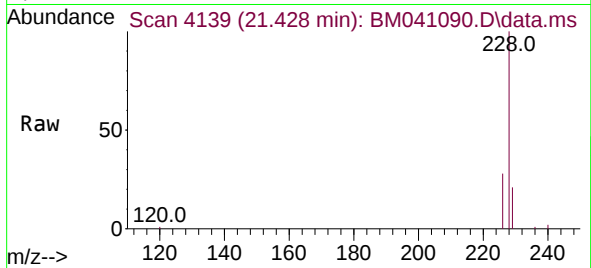
Tgt Ion:202 Resp: 189176
Ion Ratio Lower Upper
202 100
101 11.9 10.7 16.1
100 9.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.796 ng/ul
RT: 21.428 min Scan# 4113
Delta R.T. -0.015 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

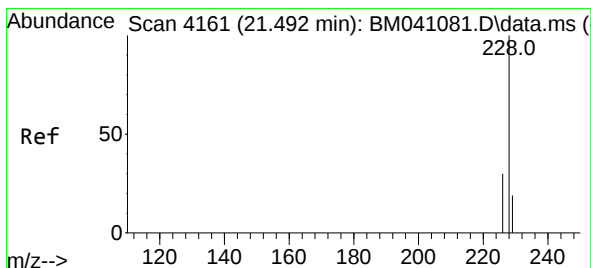
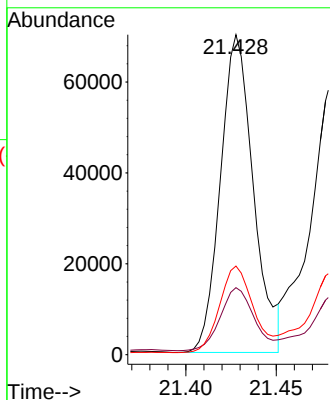
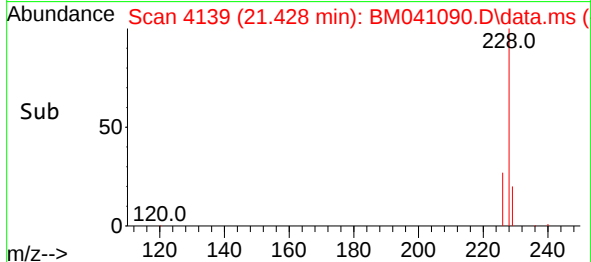
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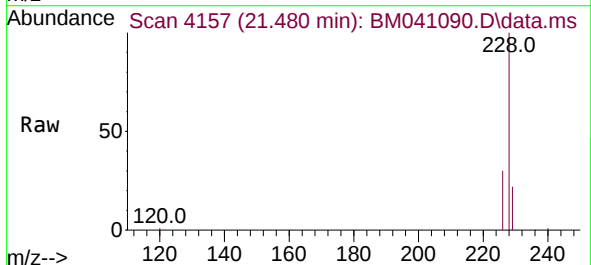
Tgt Ion:228 Resp: 88829
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 27.7 22.2 33.2

Manual Integrations
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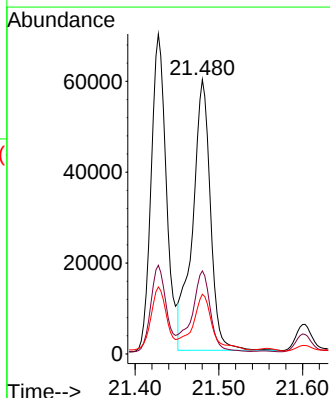
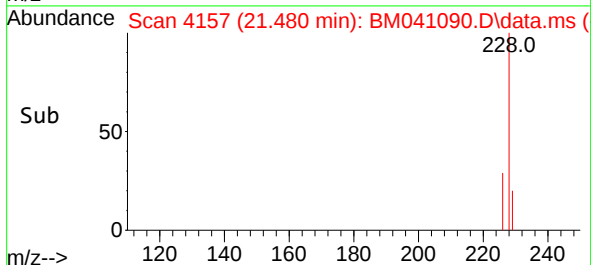
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

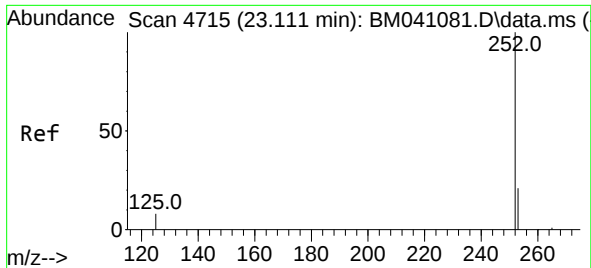


#22
Chrysene
Concen: 2.405 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.015 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26



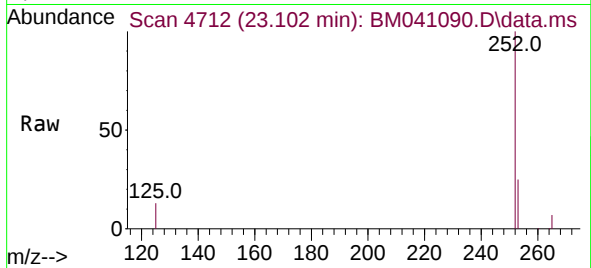
Tgt Ion:228 Resp: 88239
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 21.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.557 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. -0.015 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

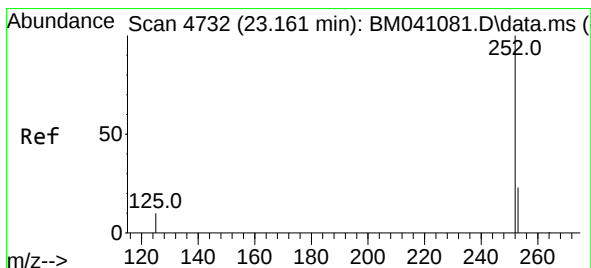
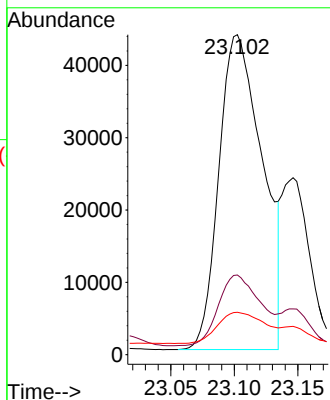
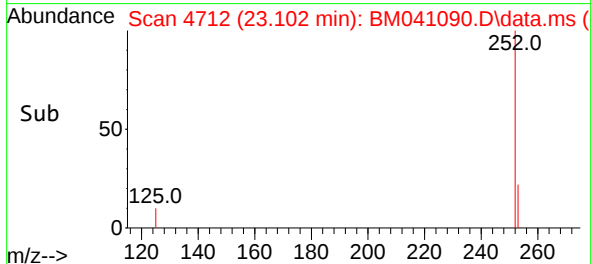
Instrument :
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Tgt Ion:252 Resp: 103719
Ion Ratio Lower Upper
252 100
253 24.9 0.0 57.6
125 13.2 0.0 33.6

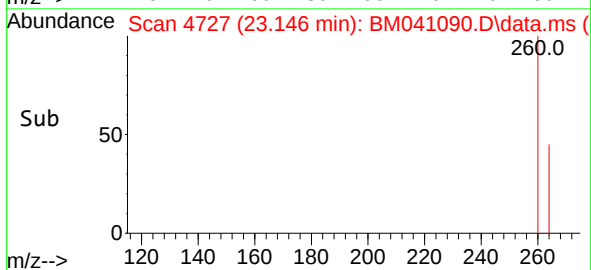
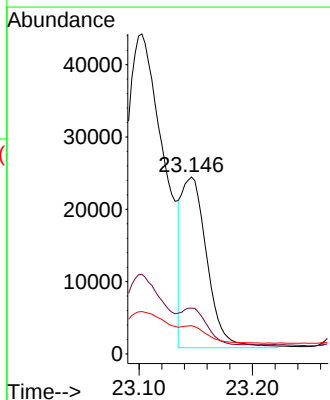
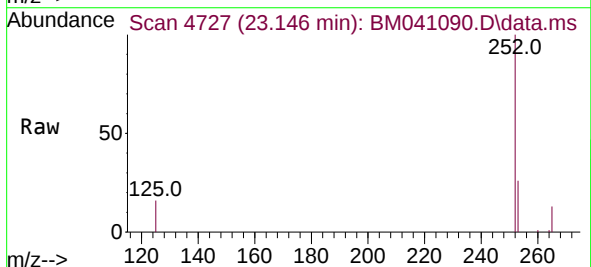
Manual Integrations
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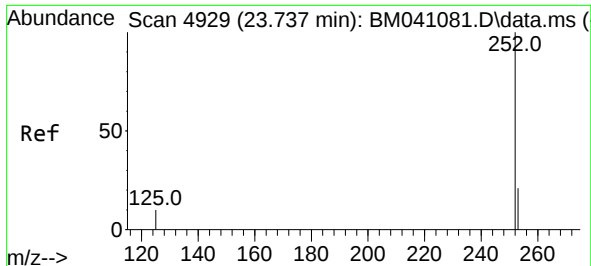
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.951 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.018 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

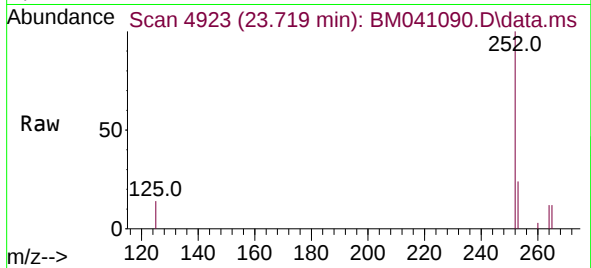
Tgt Ion:252 Resp: 36814
Ion Ratio Lower Upper
252 100
253 25.9 22.8 34.2
125 16.0 13.5 20.3





#26
Benzo(a)pyrene
Concen: 1.943 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.020 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

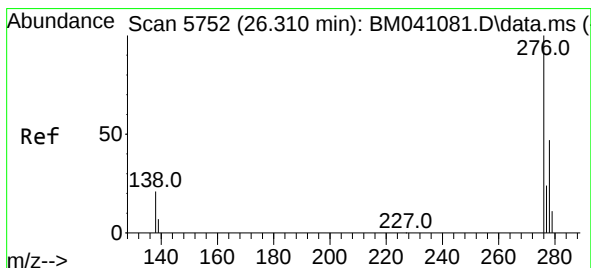
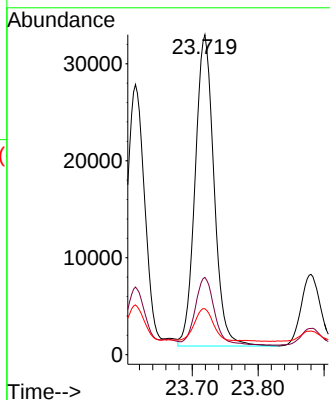
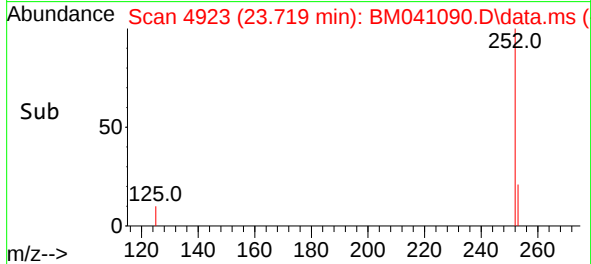
Instrument :
BNA_M
ClientSampleId :
A4737



Tgt Ion:252 Resp: 63820
Ion Ratio Lower Upper
252 100
253 24.2 26.7 40.1
125 14.4 18.1 27.1

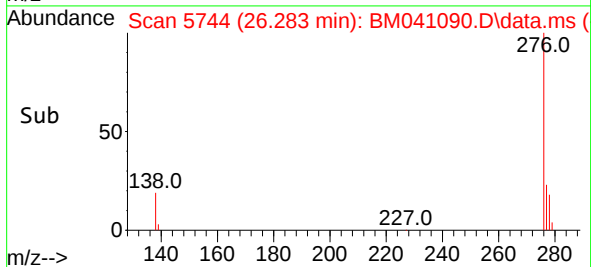
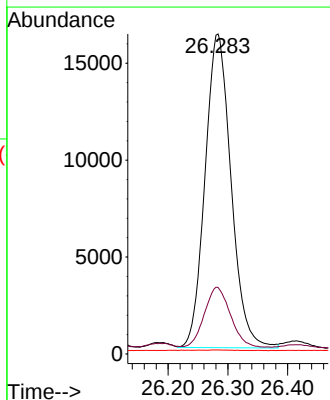
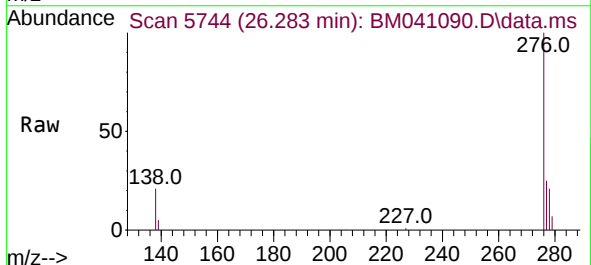
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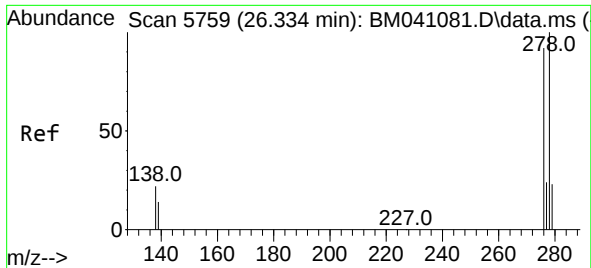
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.008 ng/ul
RT: 26.283 min Scan# 5744
Delta R.T. -0.030 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

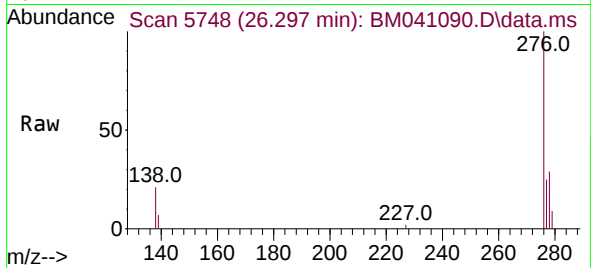
Tgt Ion:276 Resp: 49056
Ion Ratio Lower Upper
276 100
138 19.1 18.1 27.1
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.297 min Scan# 51
Delta R.T. -0.040 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26

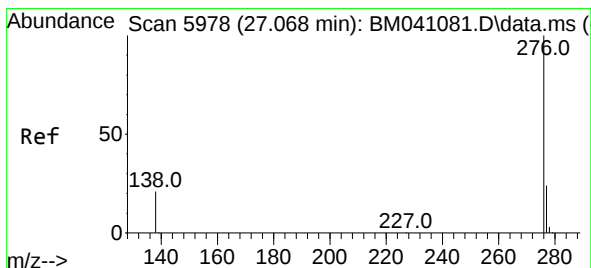
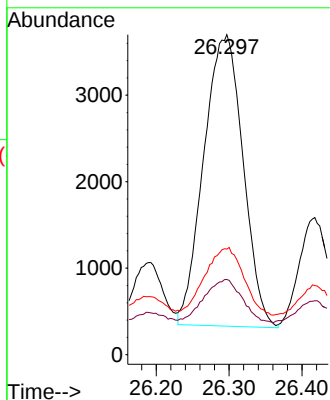
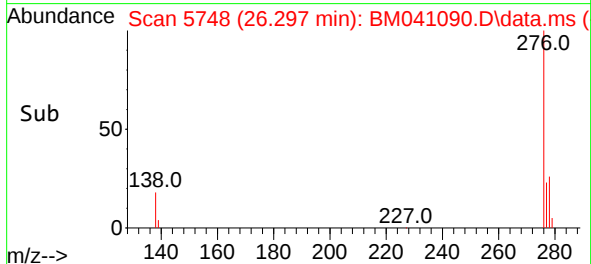
Instrument :
BNA_M
ClientSampleId :
A4737



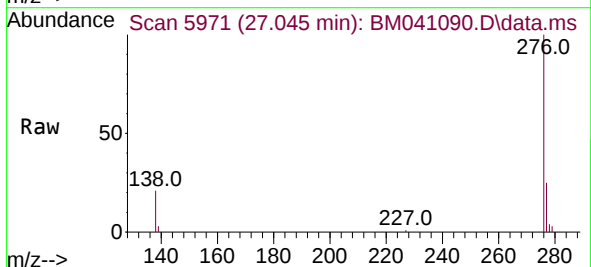
Tgt Ion:278 Resp: 12599
Ion Ratio Lower Upper
278 100
139 23.5 14.1 21.1
279 33.0 25.0 37.4

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Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#29
Benzo(g,h,i)perylene
Concen: 1.002 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.024 min
Lab File: BM041090.D
Acq: 25 Jul 2023 00:26



Tgt Ion:276 Resp: 43558
Ion Ratio Lower Upper
276 100
138 21.0 18.2 27.2
277 24.9 20.6 30.8

