

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041031.D
 Acq On : 21 Jul 2023 23:46
 Operator : MA/JU
 Sample : 03444-15DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 00:20:17 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	7.866	152	4153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	14414	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	7537	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	15614	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	10767	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	10373	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1427	0.209	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	1047	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	1759	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	6502	0.165	ng/ul	98
7) 2-Methylnaphthalene	12.341	142	1028	0.048	ng/ul	96
8) 1-Methylnaphthalene	12.561	142	951	0.041	ng/ul	100
10) Acenaphthylene	14.236	152	1071	0.034	ng/ul#	72
11) Acenaphthene	14.578	153	3280	0.118	ng/ul	98
12) Fluorene	15.568	166	3943	0.137	ng/ul	99
15) Phenanthrene	17.312	178	59860	1.283	ng/ul	98
16) Anthracene	17.405	178	6477	0.178	ng/ul#	95
19) Fluoranthene	19.334	202	71403	1.284	ng/ul#	94
20) Pyrene	19.696	202	60880	1.072	ng/ul	93
21) Benzo(a)anthracene	21.445	228	24328	0.742	ng/ul	98
22) Chrysene	21.498	228	23249	0.620	ng/ul	97
24) Benzo(b)fluoranthene	23.126	252	30383	0.763	ng/ul	92
25) Benzo(k)fluoranthene	23.167	252	12529m	0.331	ng/ul	
26) Benzo(a)pyrene	23.746	252	12689	0.369	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.324	276	15810	0.346	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.327	278	3586	0.104	ng/ul#	85
29) Benzo(g,h,i)perylene	27.082	276	15909	0.377	ng/ul	94

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

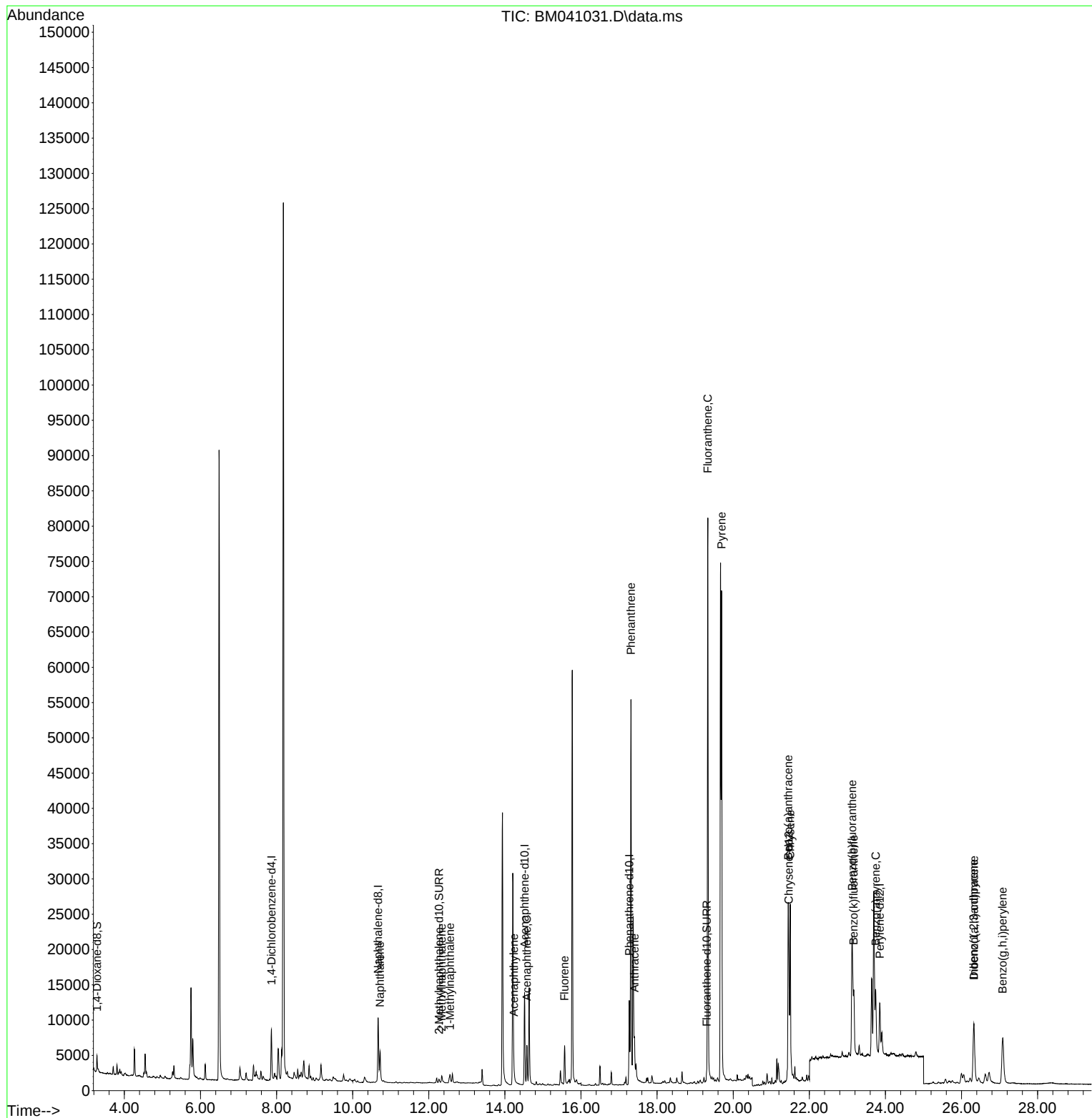
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041031.D
Acq On : 21 Jul 2023 23:46
Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

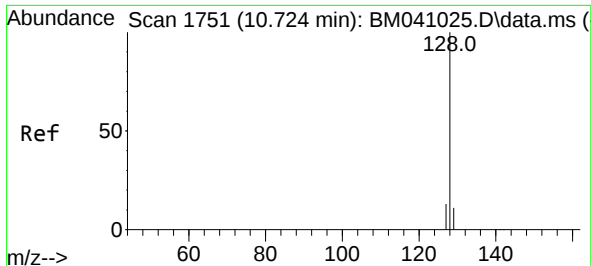
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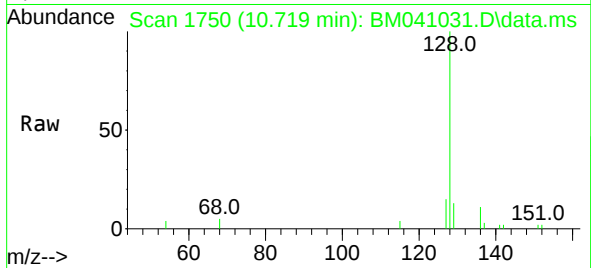
Quant Time: Jul 22 00:20:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
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#5
Naphthalene
Concen: 0.165 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

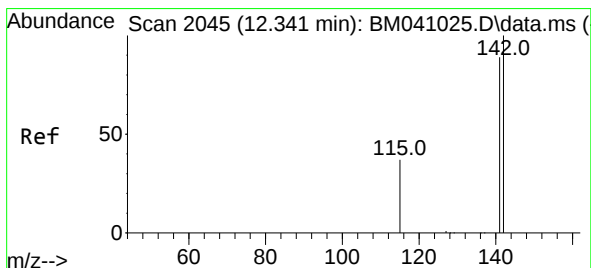
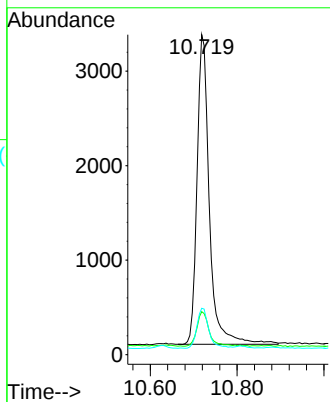
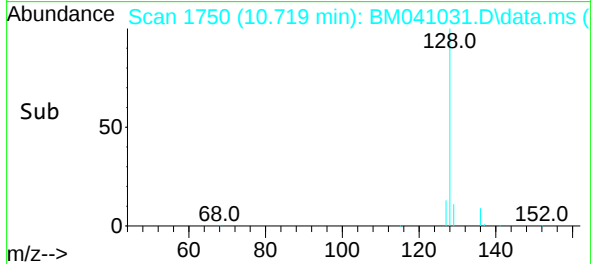
Instrument :
BNA_M
ClientSampleId :
A46W0DL



Tgt Ion:128 Resp: 650
Ion Ratio Lower Upper
128 100
129 13.4 9.8 14.8
127 14.5 11.0 16.4

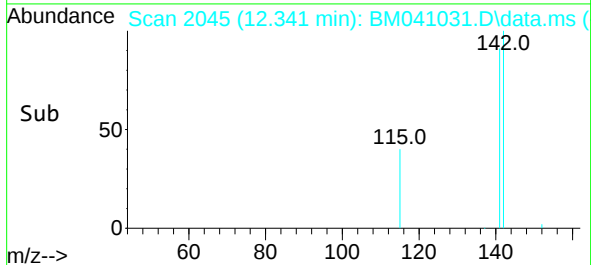
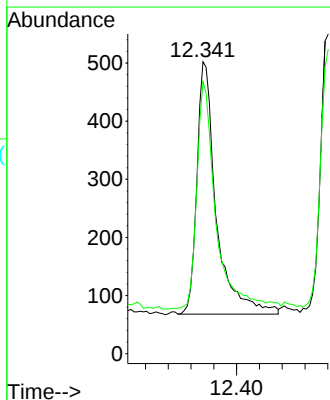
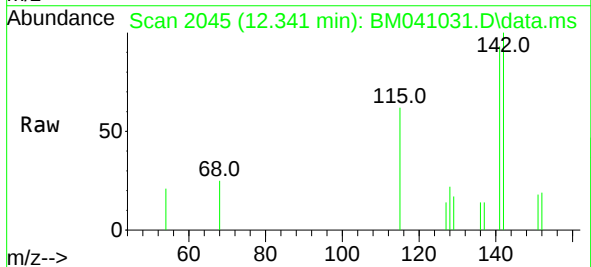
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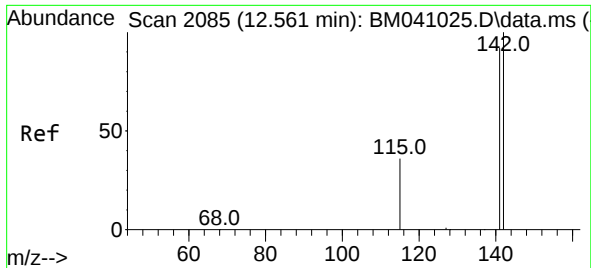
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

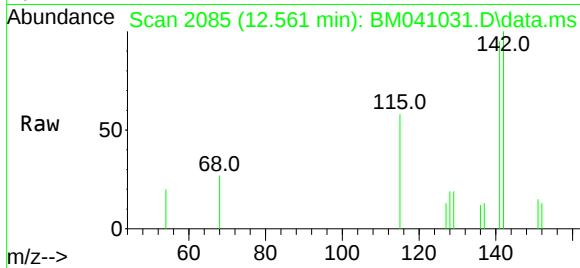
Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

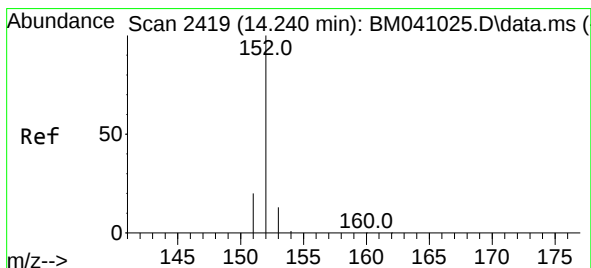
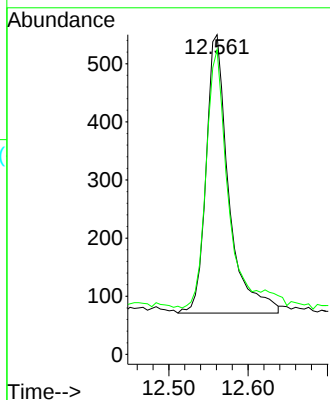
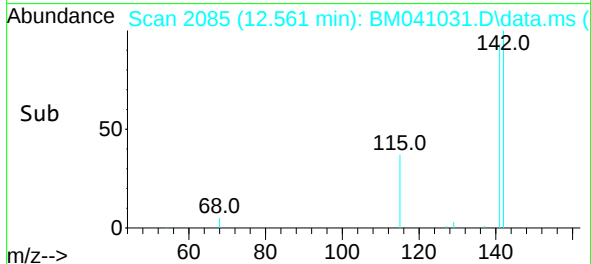
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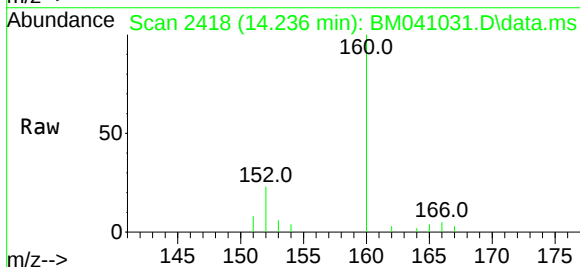
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2

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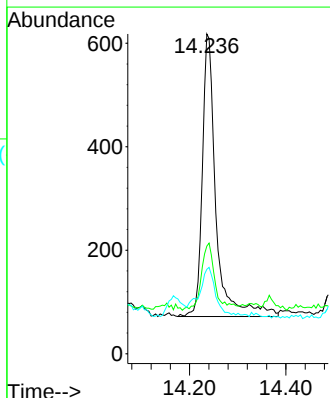
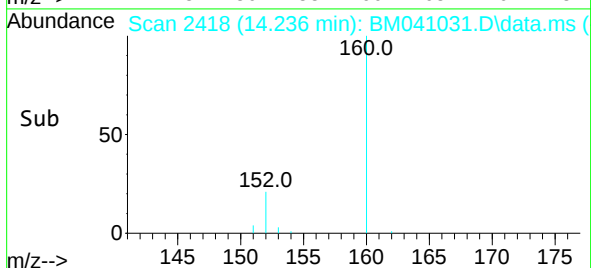
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

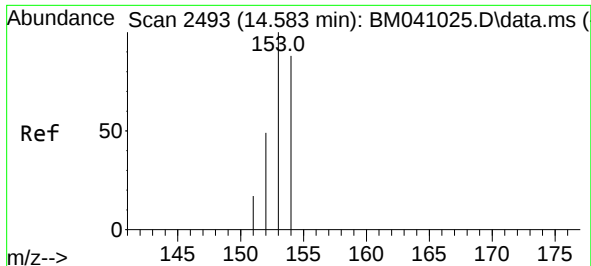


#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46



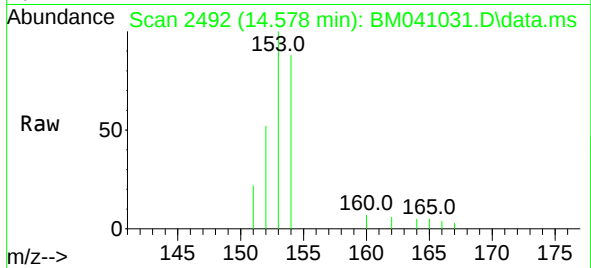
Tgt Ion:152 Resp: 1071
Ion Ratio Lower Upper
152 100
151 33.7 16.8 25.2#
153 26.4 11.6 17.4#





#11
Acenaphthene
Concen: 0.118 ng/uI
RT: 14.578 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

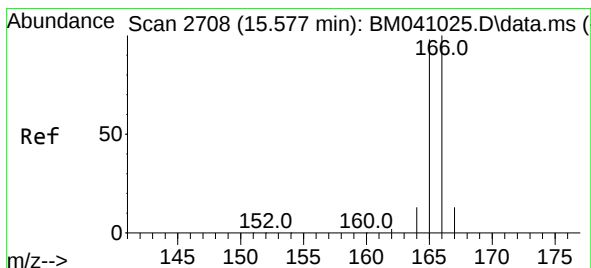
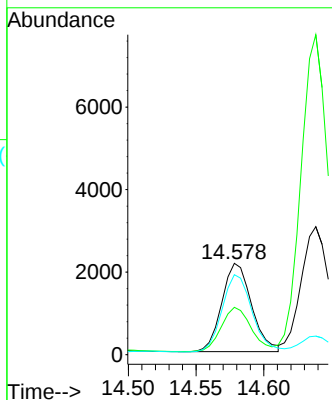
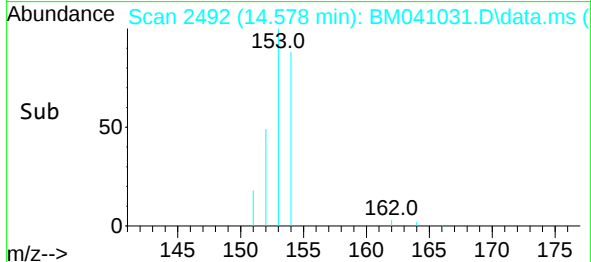
Instrument :
BNA_M
ClientSampleId :
A46W0DL



Tgt Ion:153 Resp: 3280
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.6
154 87.6 68.2 102.2

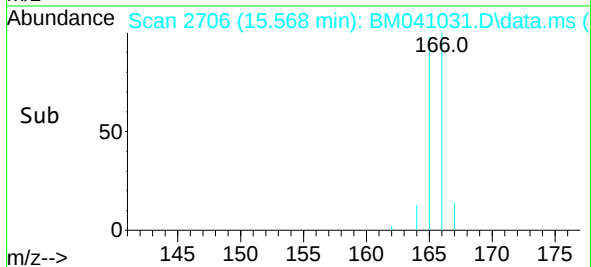
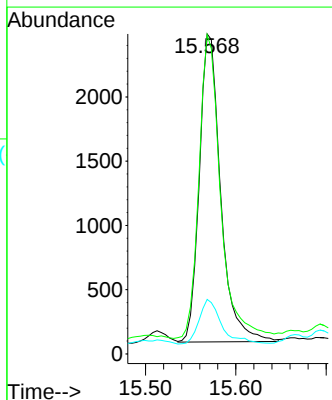
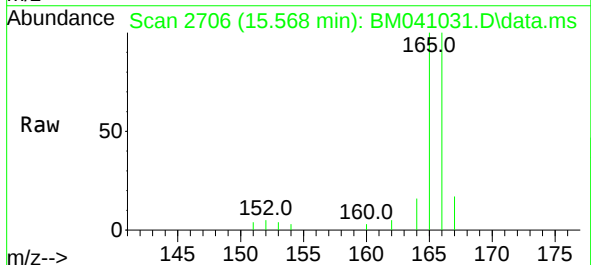
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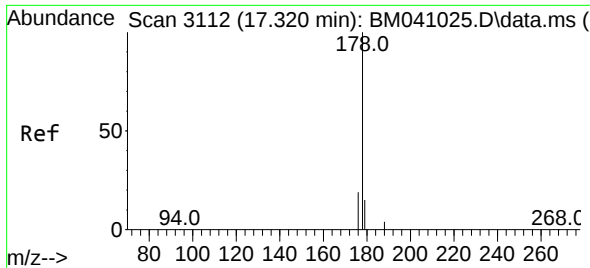
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.137 ng/uI
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

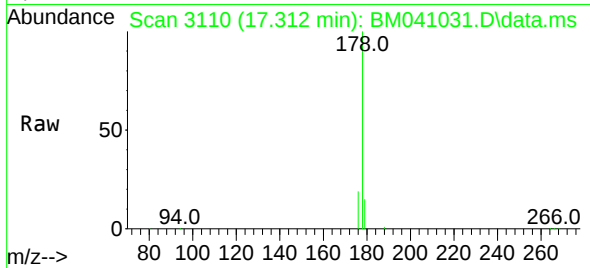
Tgt Ion:166 Resp: 3943
Ion Ratio Lower Upper
166 100
165 99.8 80.3 120.5
167 17.0 11.7 17.5





#15
Phenanthrene
Concen: 1.283 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

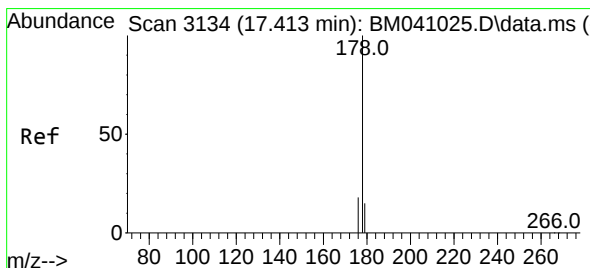
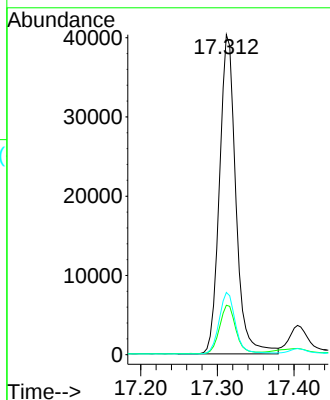
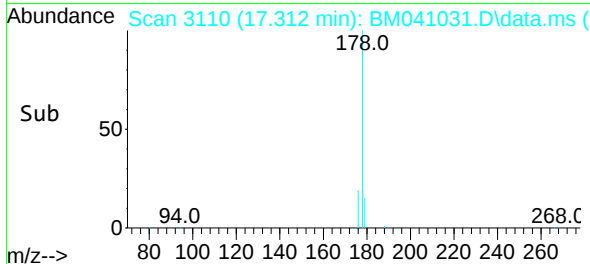
Instrument :
BNA_M
ClientSampleId :
A46W0DL



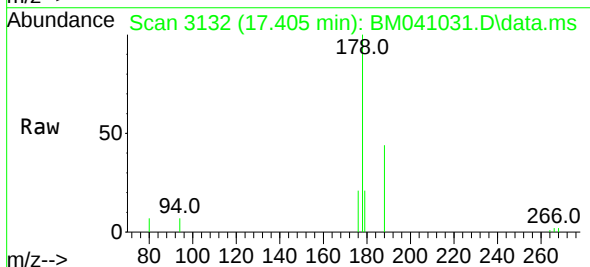
Tgt Ion:178 Resp: 59860
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.5 16.2 24.4

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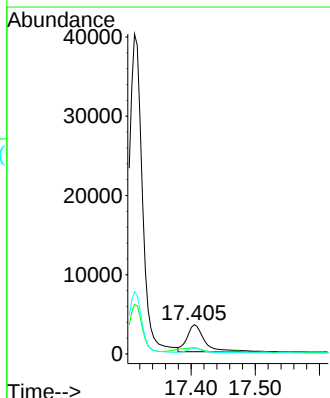
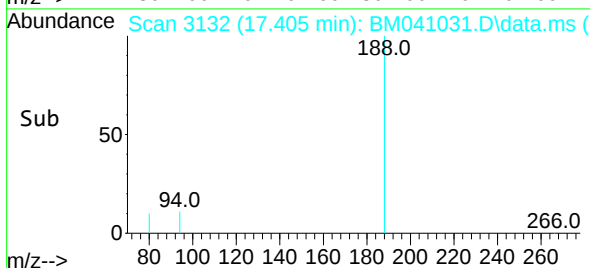
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

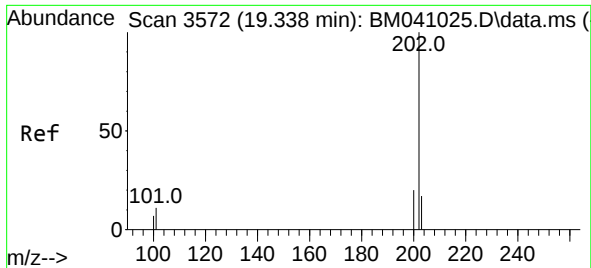


#16
Anthracene
Concen: 0.178 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46



Tgt Ion:178 Resp: 6477
Ion Ratio Lower Upper
178 100
179 21.2 13.7 20.5#
176 20.8 16.4 24.6





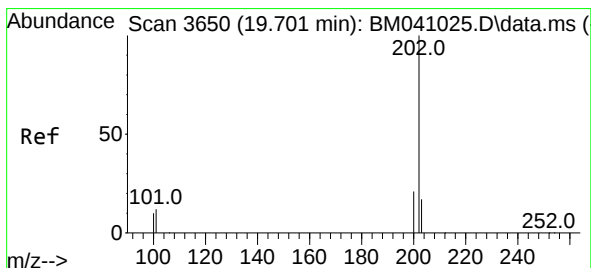
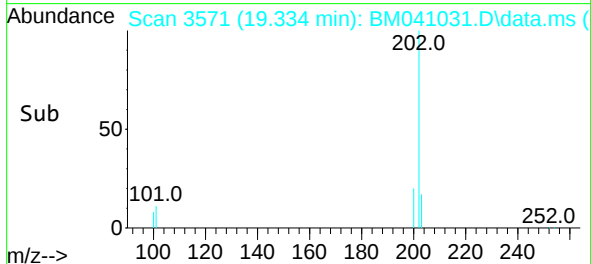
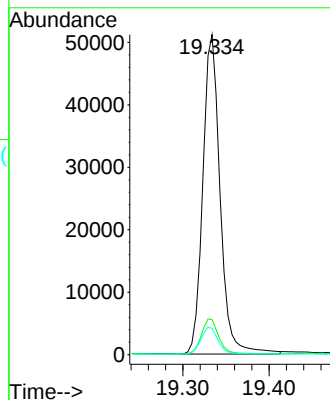
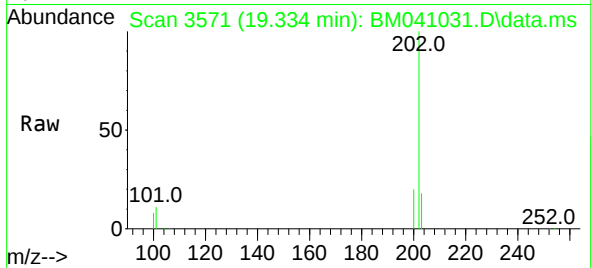
#19
Fluoranthene
Concen: 1.284 ng/ul
RT: 19.334 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

Instrument :
BNA_M
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Tgt Ion:202 Resp: 71400
Ion Ratio Lower Upper
202 100
101 10.9 11.0 16.4
100 8.2 8.3 12.5

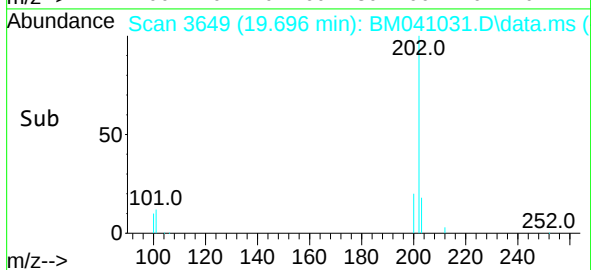
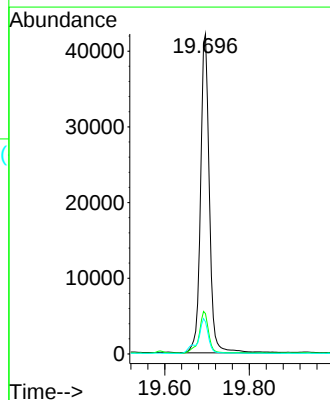
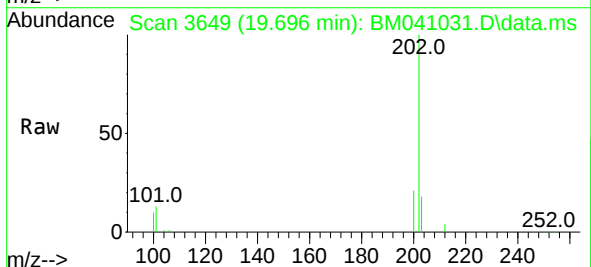
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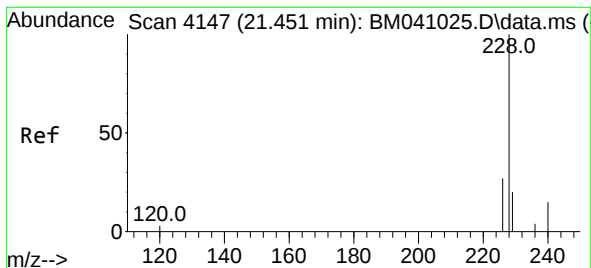
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 1.072 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

Tgt Ion:202 Resp: 60880
Ion Ratio Lower Upper
202 100
101 12.6 12.5 18.7
100 10.1 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.742 ng/ul

RT: 21.445 min Scan# 4145

Delta R.T. -0.006 min

Lab File: BM041031.D

Acq: 21 Jul 2023 23:46

Instrument :

BNM

ClientSampleId :

A46W0DL

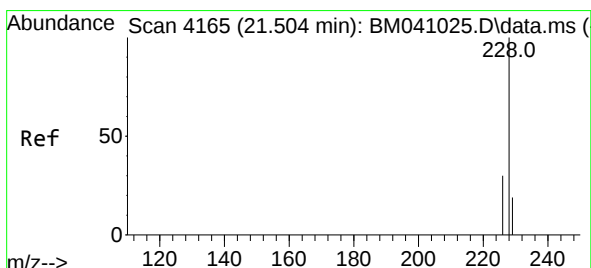
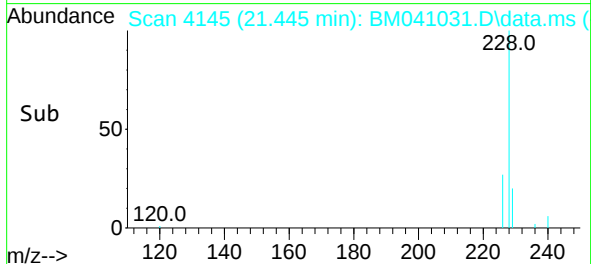
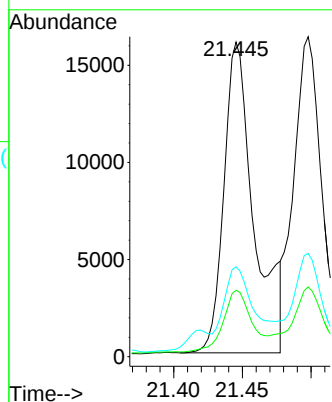
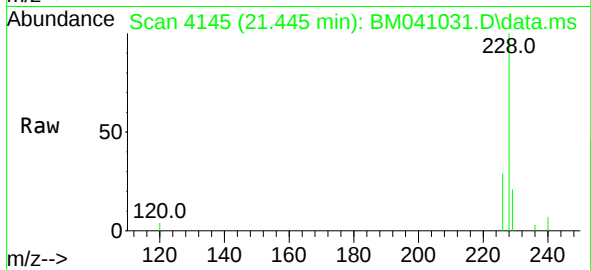
Tgt Ion:	228	Resp:	24328
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.4
226	28.6	22.3	33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#22

Chrysene

Concen: 0.620 ng/ul

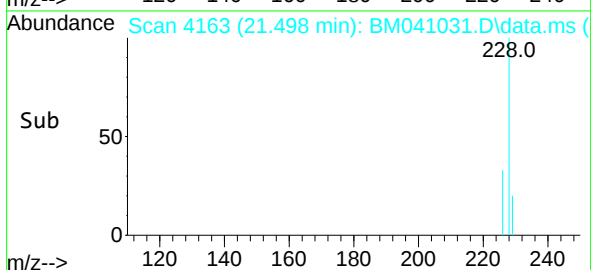
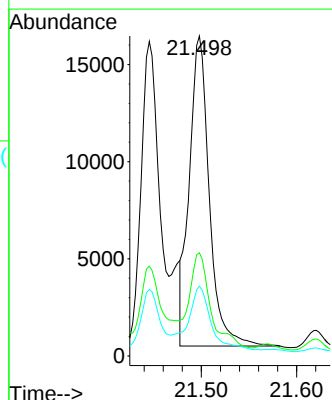
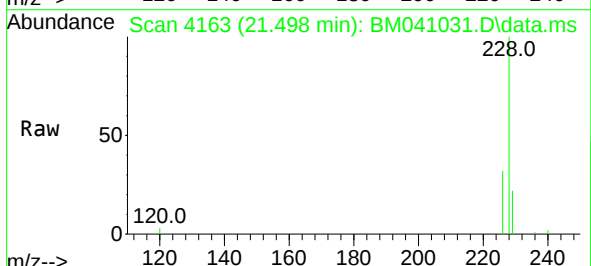
RT: 21.498 min Scan# 4163

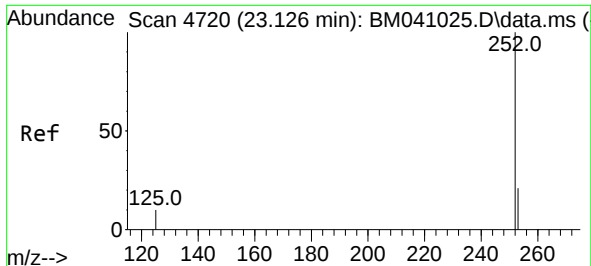
Delta R.T. -0.006 min

Lab File: BM041031.D

Acq: 21 Jul 2023 23:46

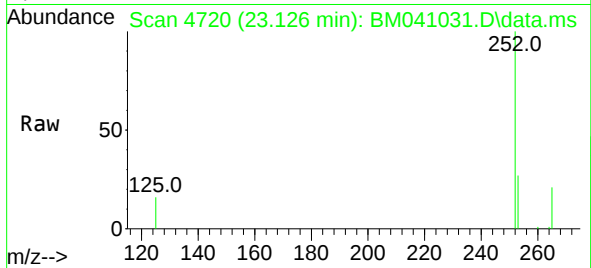
Tgt Ion:	228	Resp:	23249
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.6	37.0
229	21.8	16.1	24.1





#24
Benzo(b)fluoranthene
Concen: 0.763 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

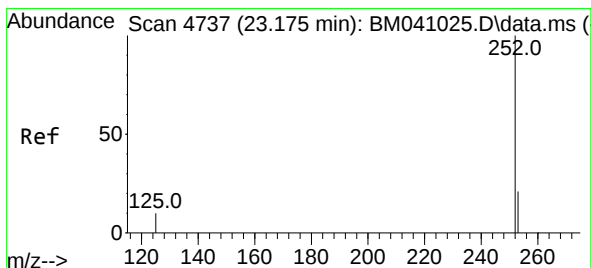
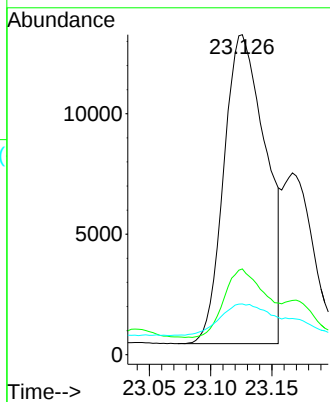
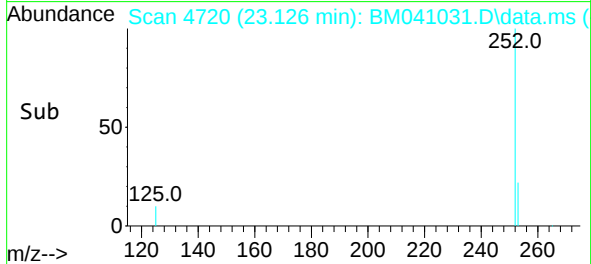
Instrument :
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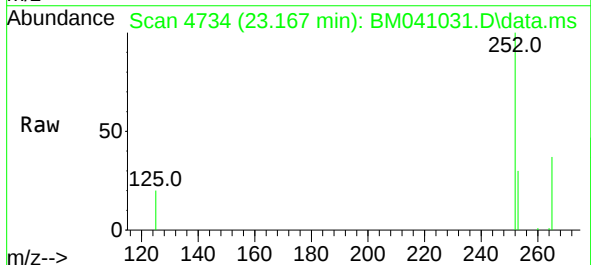
Tgt Ion:252 Resp: 3038
Ion Ratio Lower Upper
252 100
253 26.8 0.0 57.4
125 15.9 0.0 45.2

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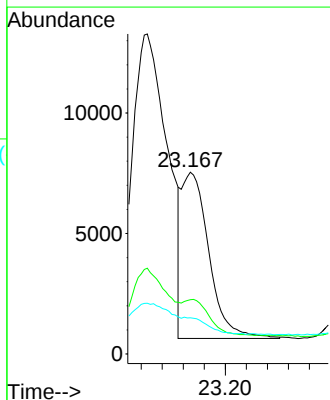
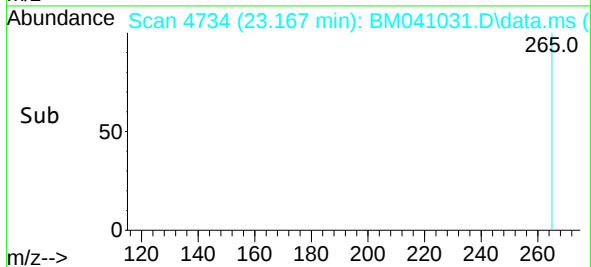
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

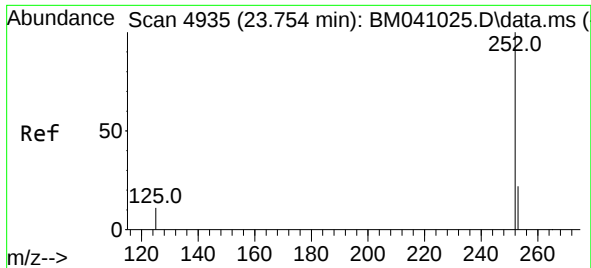


#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46



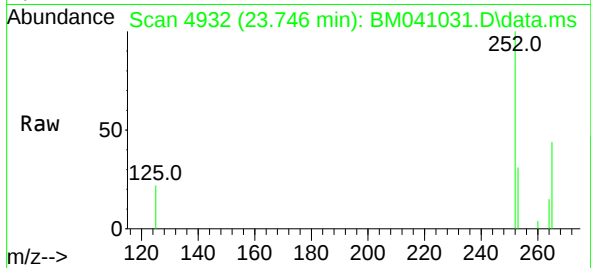
Tgt Ion:252 Resp: 12529
Ion Ratio Lower Upper
252 100
253 29.8 23.3 34.9
125 19.9 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.746 min Scan# 4935
Delta R.T. -0.012 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

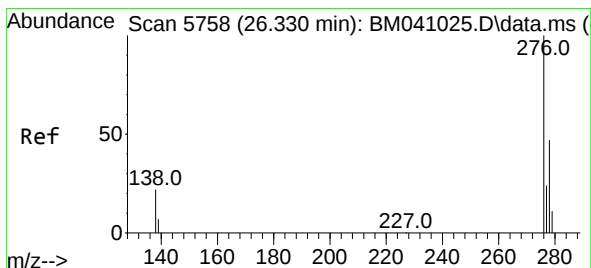
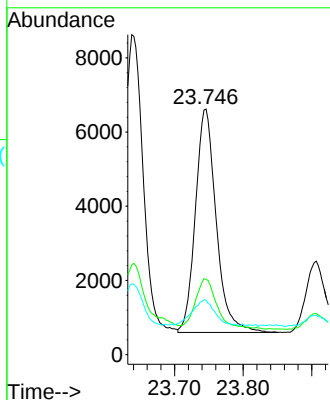
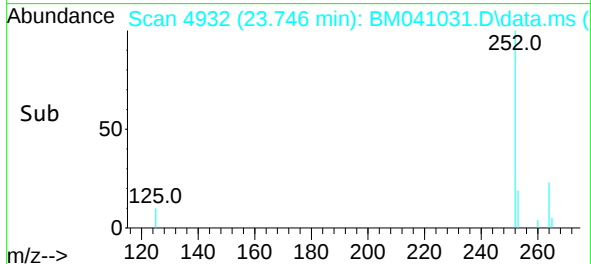
Instrument :
BNA_M
ClientSampleId :
A46W0DL



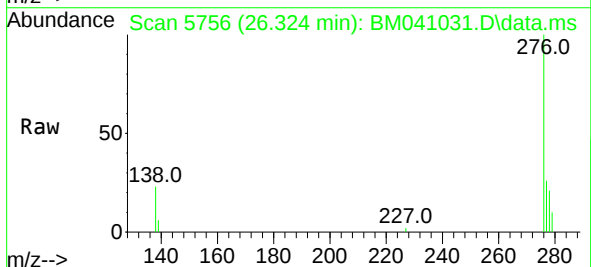
Tgt Ion:252 Resp: 12689
Ion Ratio Lower Upper
252 100
253 30.6 28.2 42.2
125 22.2 25.2 37.8

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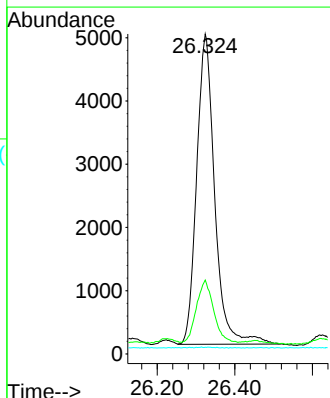
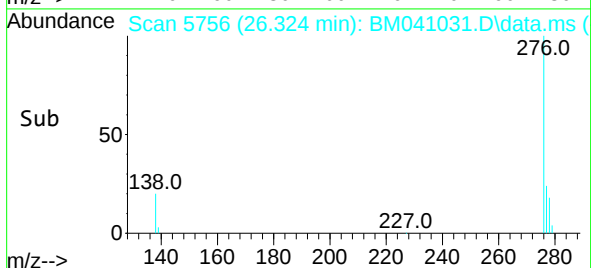
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

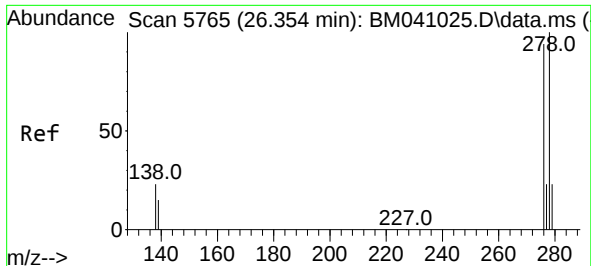


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46



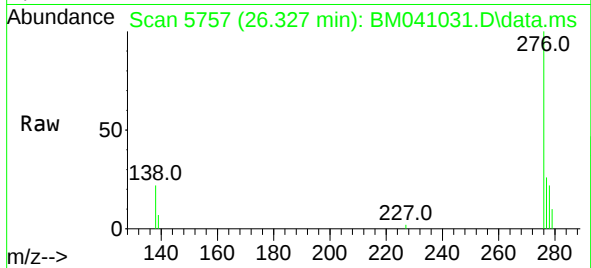
Tgt Ion:276 Resp: 15810
Ion Ratio Lower Upper
276 100
138 19.0 22.3 33.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.027 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

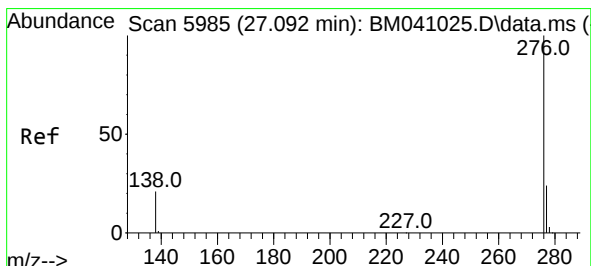
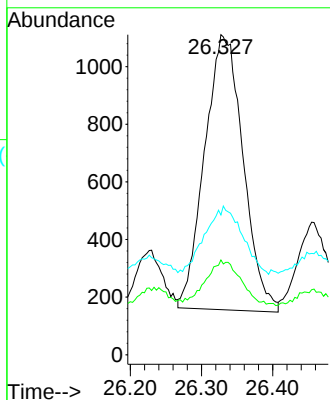
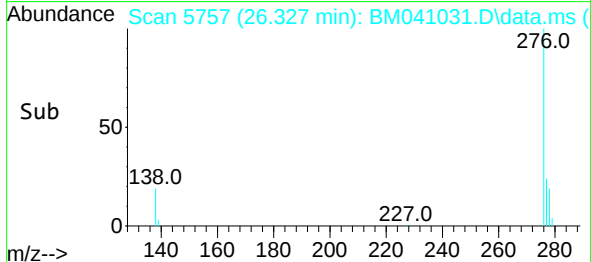
Instrument :
BNA_M
ClientSampleId :
A46W0DL



Tgt Ion:278 Resp: 3580
Ion Ratio Lower Upper
278 100
139 29.6 19.2 28.8
279 43.7 27.0 40.6

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



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BM041031.D
Acq: 21 Jul 2023 23:46

Tgt Ion:276 Resp: 15909
Ion Ratio Lower Upper
276 100
138 23.4 22.6 34.0
277 25.5 21.2 31.8

