

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040865.D
 Acq On : 14 Jul 2023 00:57
 Operator : MA/JU
 Sample : 03418-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:18:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	5327	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	18658	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8457	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	15740	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	10697	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	11006	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	12962	1.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	2905	0.111	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	4731	0.138	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	19839	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	1144	0.038	ng/ul	98
8) 1-Methylnaphthalene	12.550	142	649	0.021	ng/ul	92
10) Acenaphthylene	14.231	152	1460	0.039	ng/ul#	71
11) Acenaphthene	14.573	153	842	0.026	ng/ul	95
12) Fluorene	15.563	166	1112	0.033	ng/ul#	96
15) Phenanthrene	17.303	178	21507	0.440	ng/ul	100
16) Anthracene	17.392	178	2762	0.067	ng/ul#	89
19) Fluoranthene	19.320	202	55420	1.220	ng/ul	98
20) Pyrene	19.687	202	41571m	0.853	ng/ul	
21) Benzo(a)anthracene	21.434	228	17797	0.492	ng/ul	97
22) Chrysene	21.486	228	26315	0.638	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	32848	0.771	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	11011m	0.262	ng/ul	
26) Benzo(a)pyrene	23.722	252	10422	0.272	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.287	276	15024	0.281	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.297	278	3264	0.078	ng/ul#	56
29) Benzo(g,h,i)perylene	27.041	276	14610	0.312	ng/ul	99

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

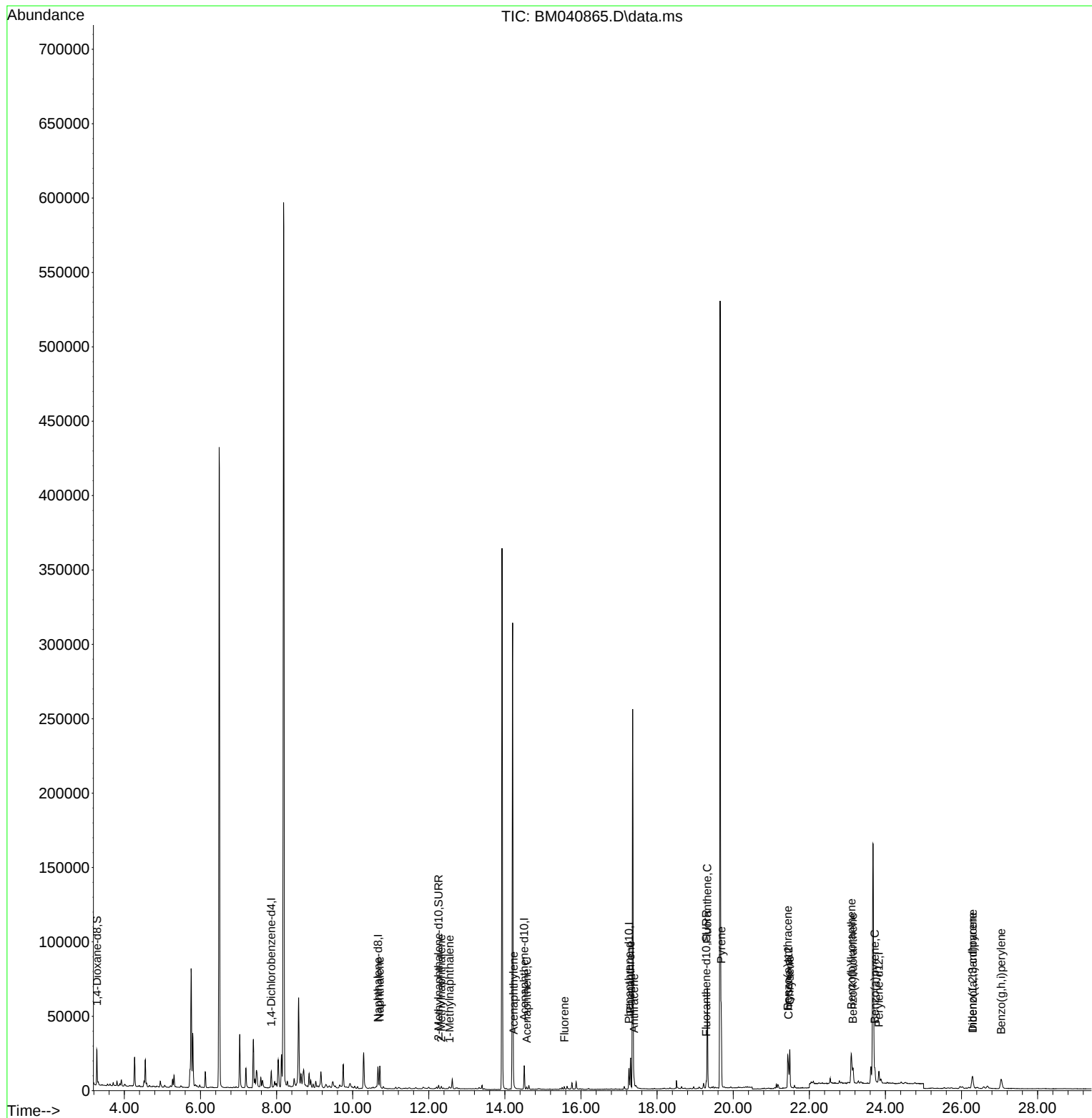
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040865.D
Acq On : 14 Jul 2023 00:57
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ALS Vial : 17 Sample Multiplier: 1

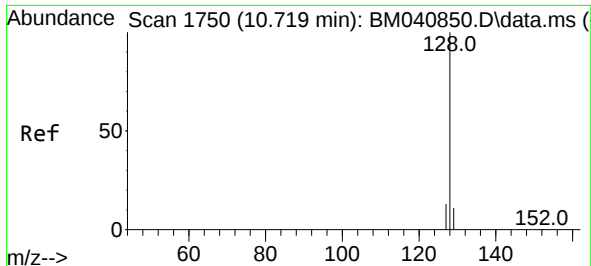
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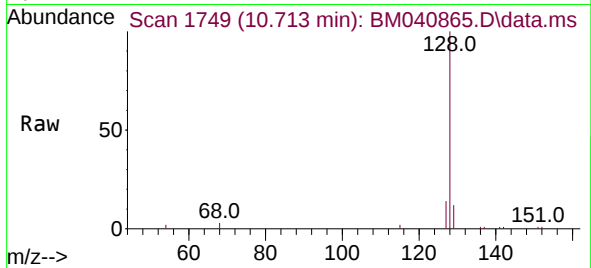
Quant Time: Jul 14 03:18:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

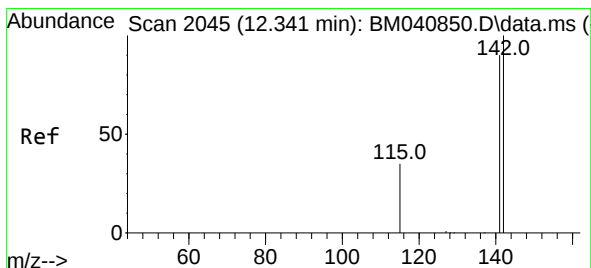
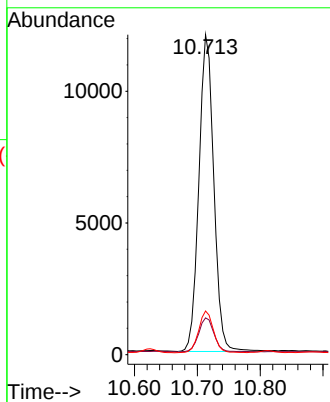
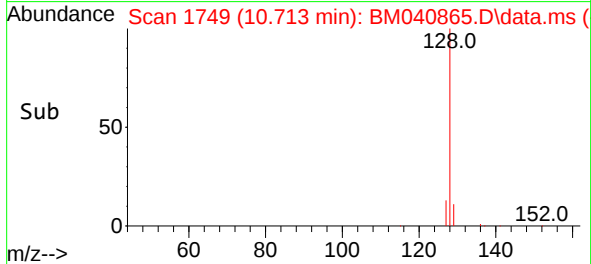
Instrument :
BNA_M
ClientSampleId :
A46J2



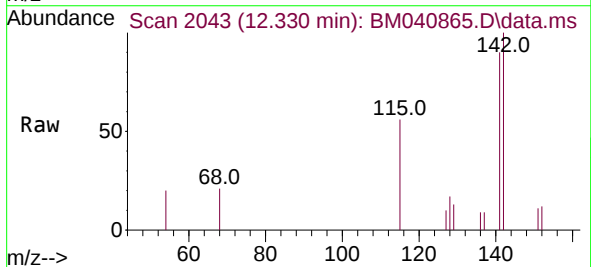
Tgt Ion:128 Resp: 19839
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.6 15.8

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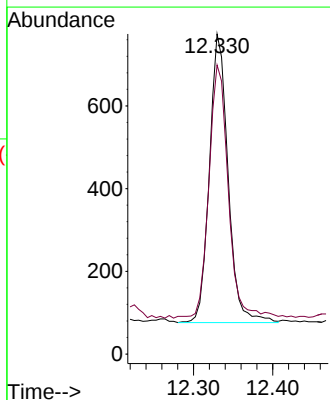
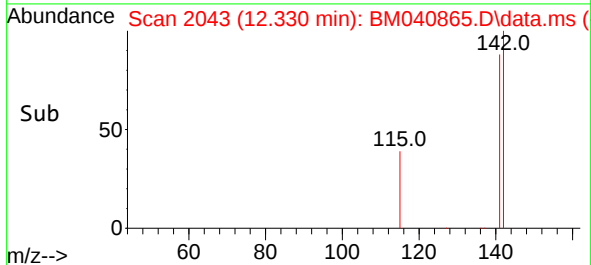
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

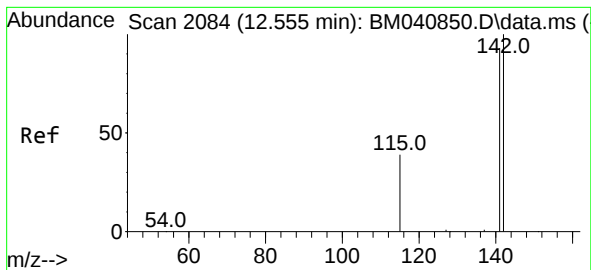


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57



Tgt Ion:142 Resp: 1144
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.021 ng/uI

RT: 12.550 min Scan# 2084

Delta R.T. -0.005 min

Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

Instrument :

BNA_M

ClientSampleId :

A46J2

Tgt Ion:142 Resp: 649

Ion Ratio Lower Upper

142 100

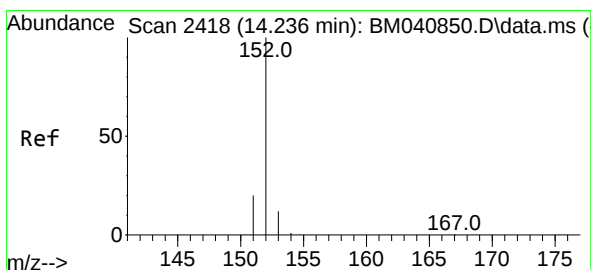
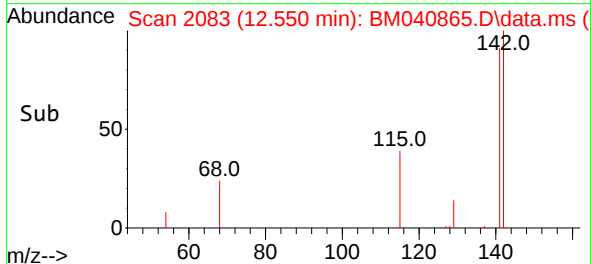
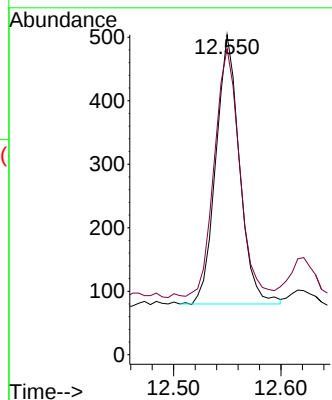
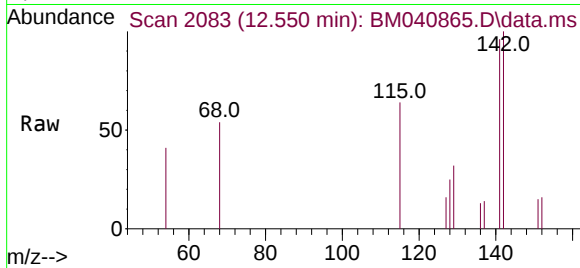
141 99.7 73.7 110.5

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#10

Acenaphthylene

Concen: 0.039 ng/uI

RT: 14.231 min Scan# 2417

Delta R.T. -0.005 min

Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

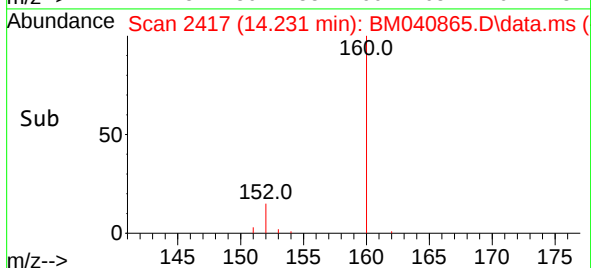
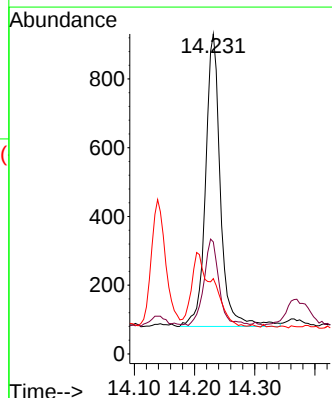
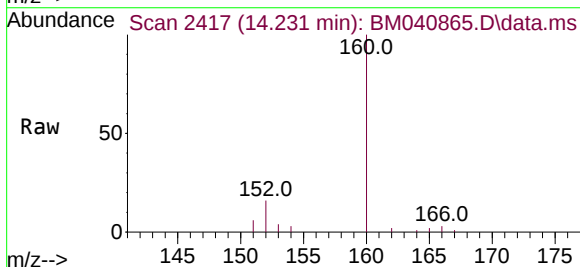
Tgt Ion:152 Resp: 1460

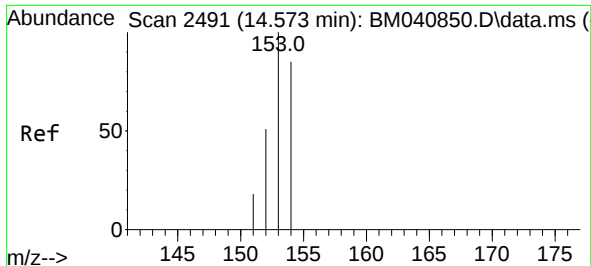
Ion Ratio Lower Upper

152 100

151 35.0 16.2 24.2#

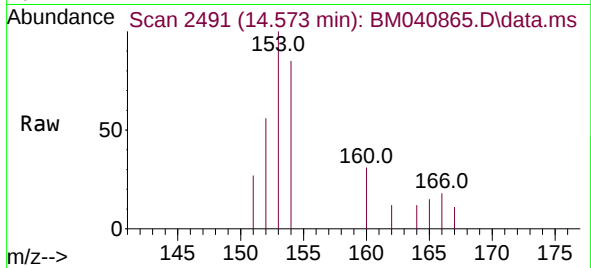
153 23.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

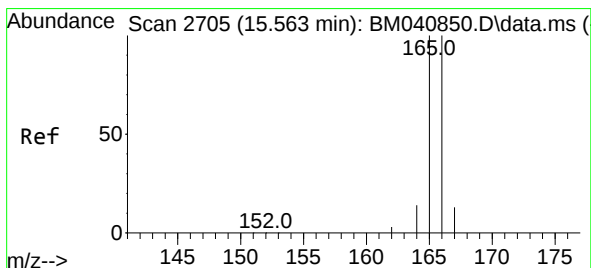
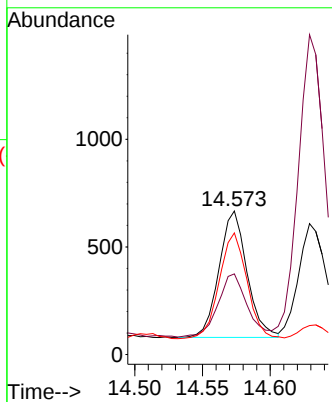
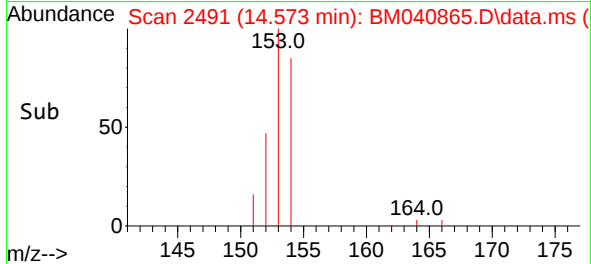
Instrument :
BNA_M
ClientSampleId :
A46J2



Tgt Ion:153 Resp: 84.7
Ion Ratio Lower Upper
153 100
152 56.2 41.0 61.4
154 84.7 70.8 106.2

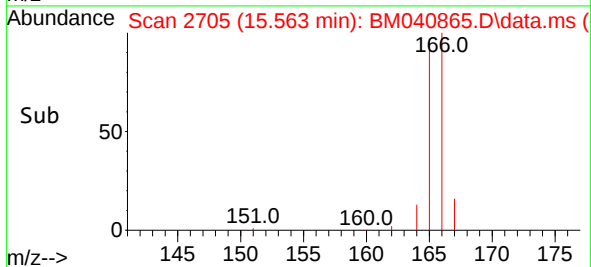
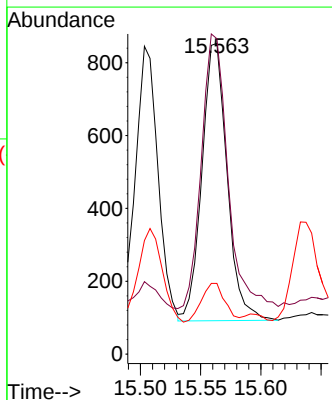
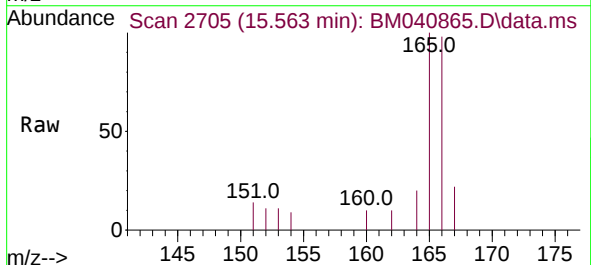
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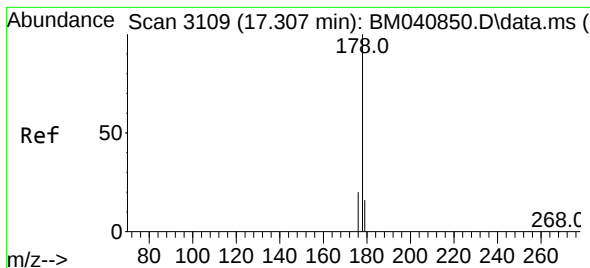
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.563 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

Tgt Ion:166 Resp: 1112
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 22.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.440 ng/ul

RT: 17.303 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

Instrument :

BNA_M

ClientSampleId :

A46J2

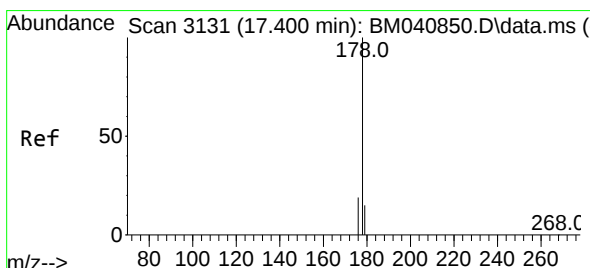
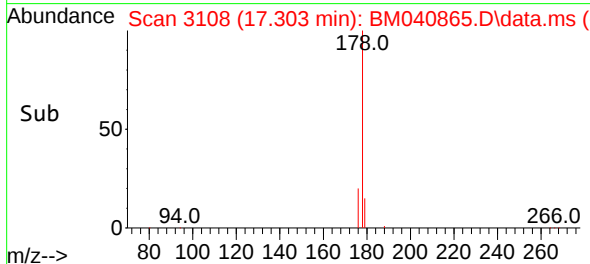
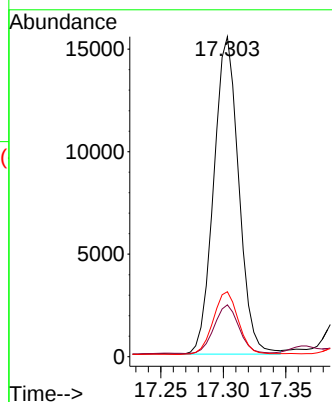
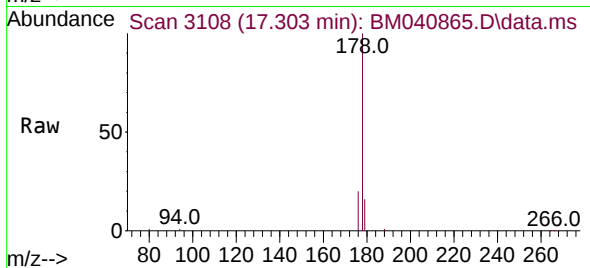
Tgt Ion:	178	Resp:	2150
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	20.3	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#16

Anthracene

Concen: 0.067 ng/ul

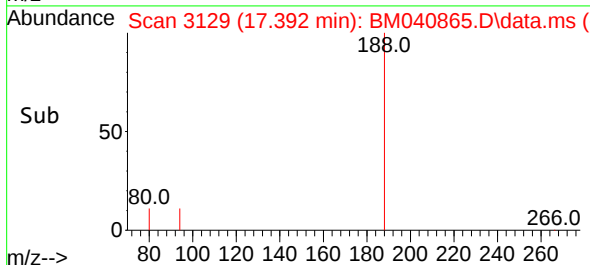
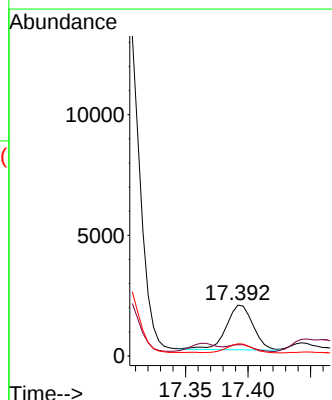
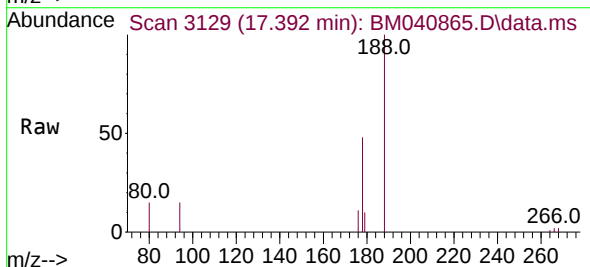
RT: 17.392 min Scan# 3129

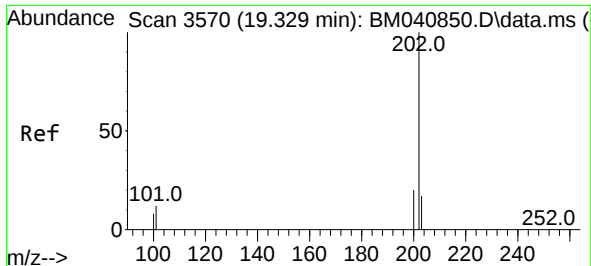
Delta R.T. -0.008 min

Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

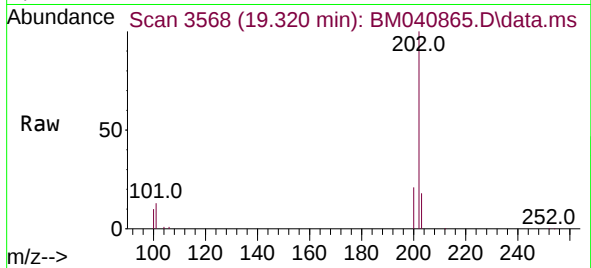
Tgt Ion:	178	Resp:	2762
Ion Ratio	Lower	Upper	
178	100		
179	21.9	12.9	19.3#
176	23.8	15.8	23.6#





#19
Fluoranthene
Concen: 1.220 ng/ul
RT: 19.320 min Scan# 3570
Delta R.T. -0.009 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

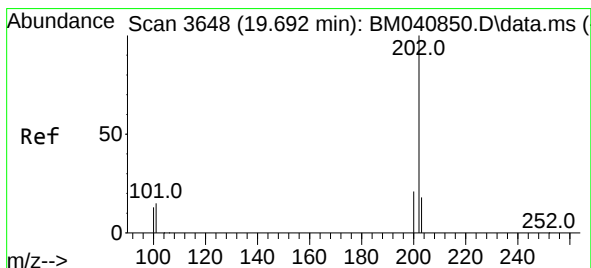
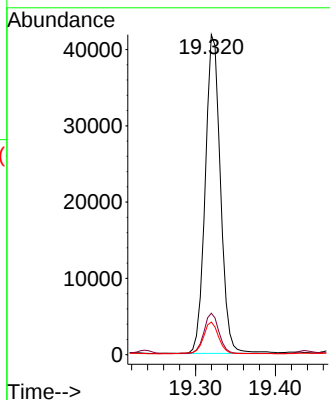
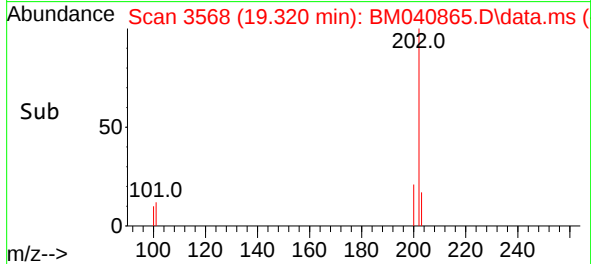
Instrument :
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Tgt Ion:202 Resp: 55420
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.2 8.7 13.1

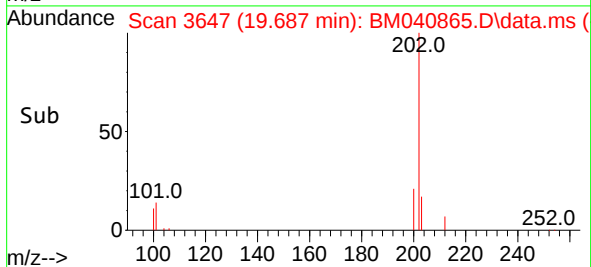
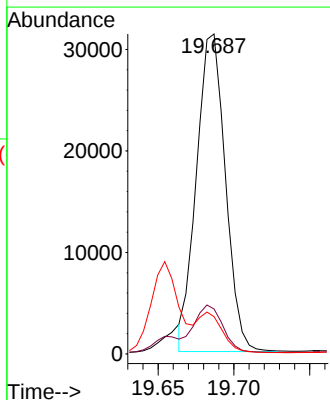
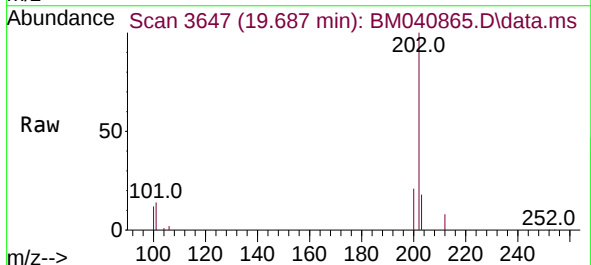
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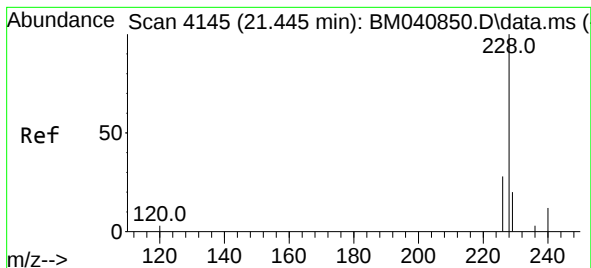
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.853 ng/ul m
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

Tgt Ion:202 Resp: 41571
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.492 ng/ul

RT: 21.434 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

Instrument :

BNA_M

ClientSampleId :

A46J2

Tgt Ion:228 Resp: 1779

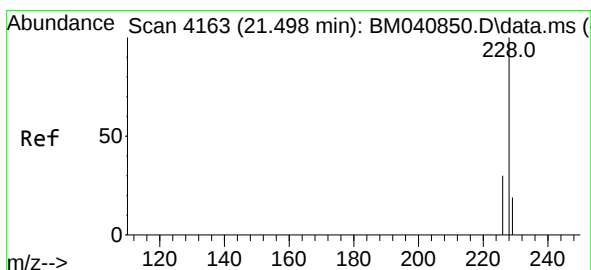
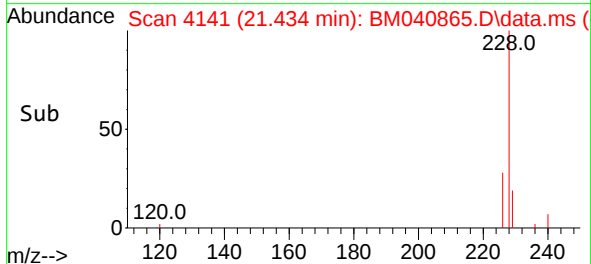
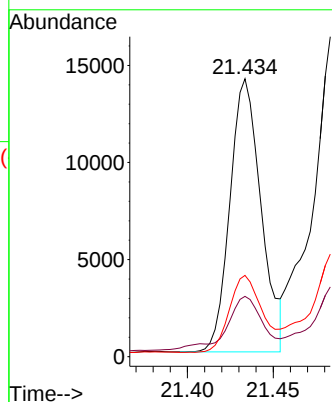
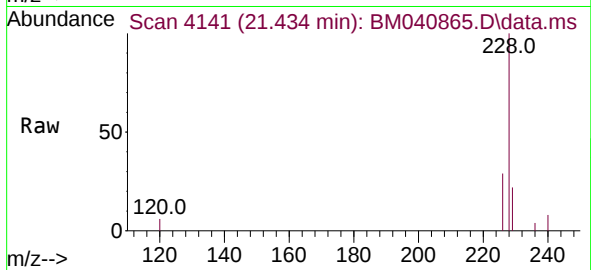
Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	29.2	22.3	33.5

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#22

Chrysene

Concen: 0.638 ng/ul

RT: 21.486 min Scan# 4159

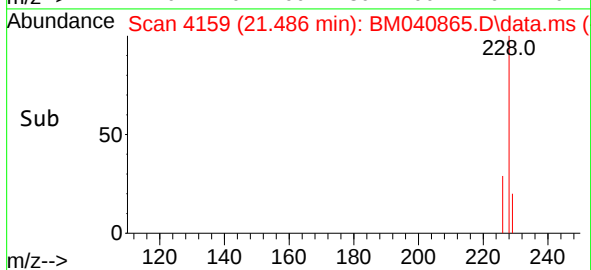
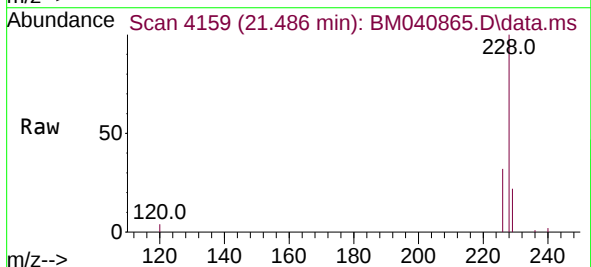
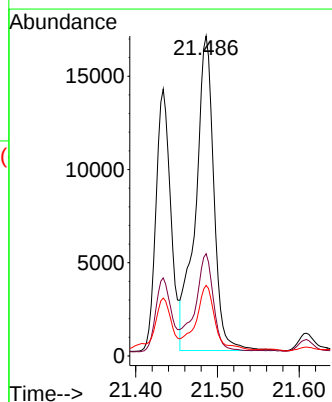
Delta R.T. -0.012 min

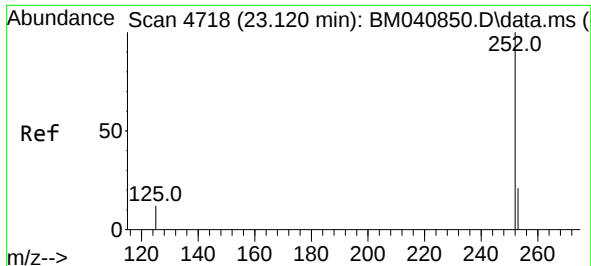
Lab File: BM040865.D

Acq: 14 Jul 2023 00:57

Tgt Ion:228 Resp: 26315

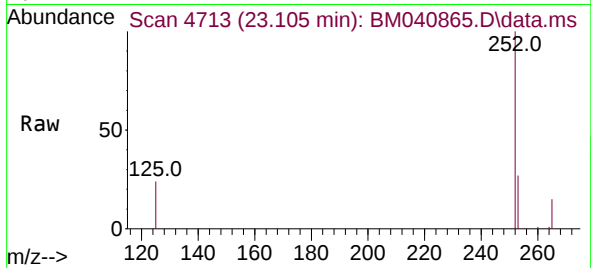
Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	22.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 0.771 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.015 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

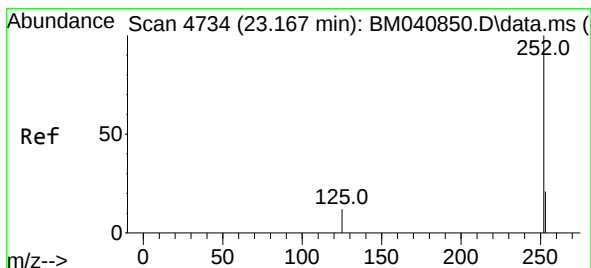
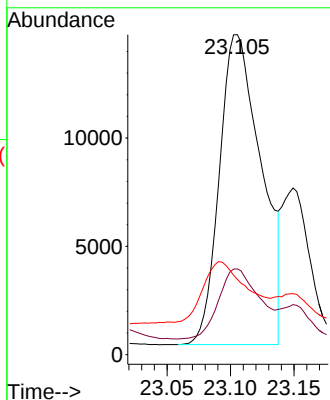
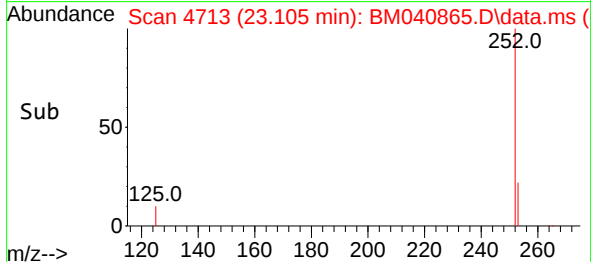
Instrument :
BNA_M
ClientSampleId :
A46J2



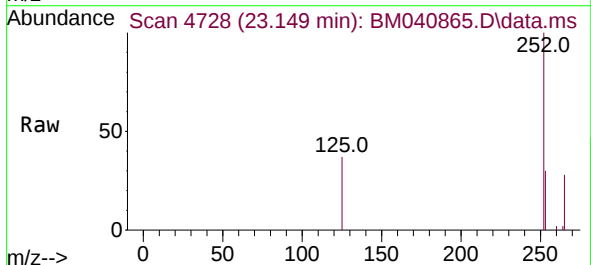
Tgt Ion:252 Resp: 3284
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.8
125 23.5 0.0 43.0

Manual Integrations
APPROVED

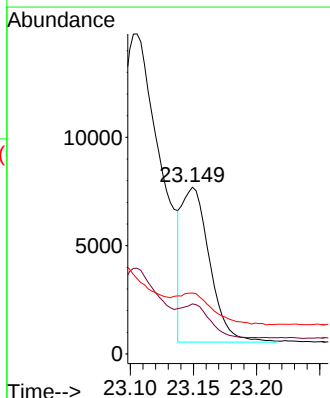
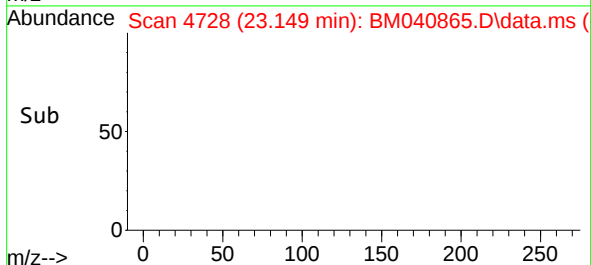
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

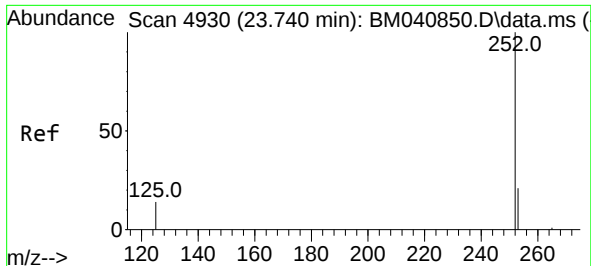


#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.018 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57



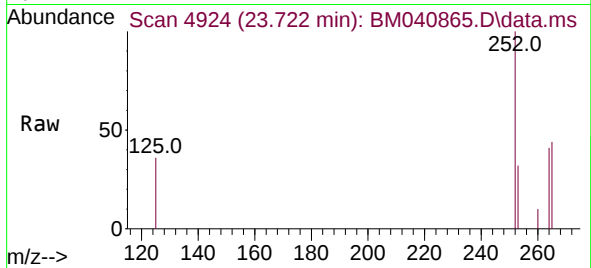
Tgt Ion:252 Resp: 11011
Ion Ratio Lower Upper
252 100
253 30.0 21.2 31.8
125 36.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.722 min Scan# 4930
Delta R.T. -0.018 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

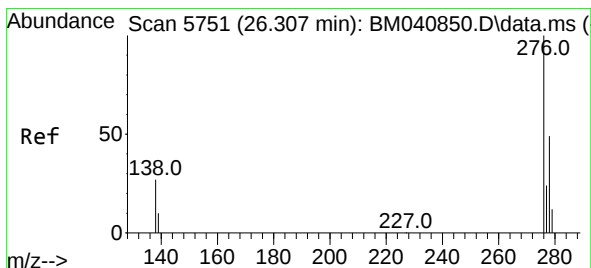
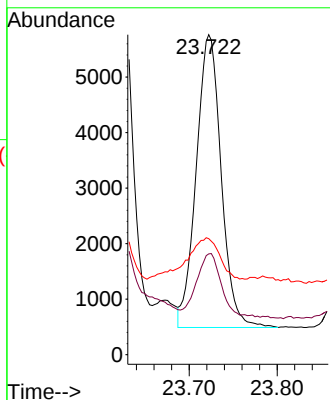
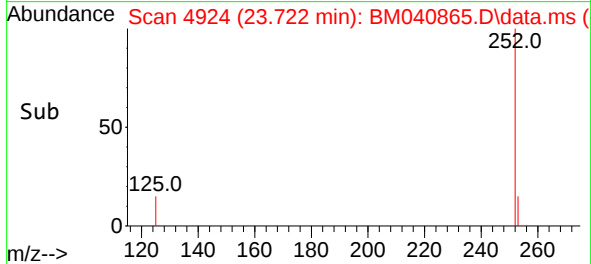
Instrument :
BNA_M
ClientSampleId :
A46J2



Tgt Ion:252 Resp: 1042
Ion Ratio Lower Upper
252 100
253 31.5 22.9 34.3
125 36.3 21.0 31.4

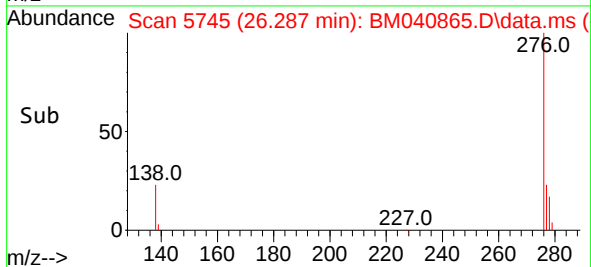
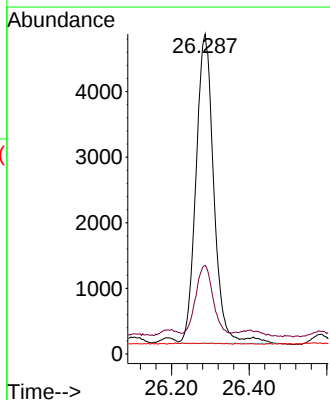
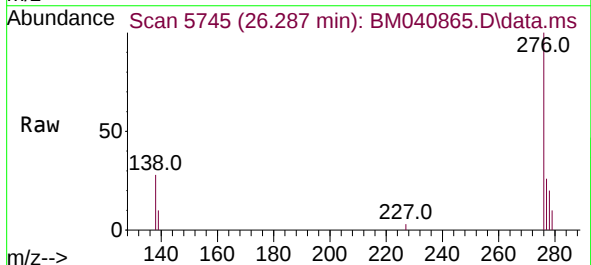
Manual Integrations
APPROVED

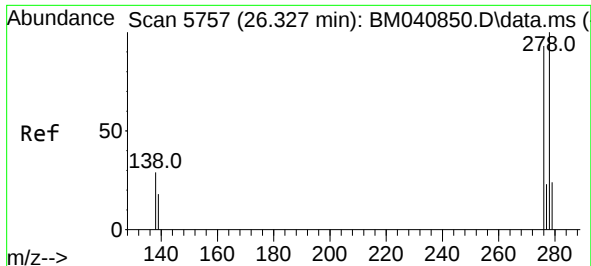
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

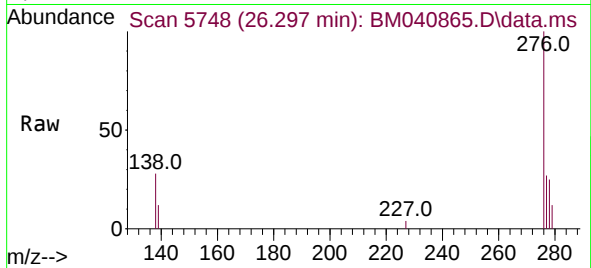
Tgt Ion:276 Resp: 15024
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 26.297 min Scan# 5757
Delta R.T. -0.030 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

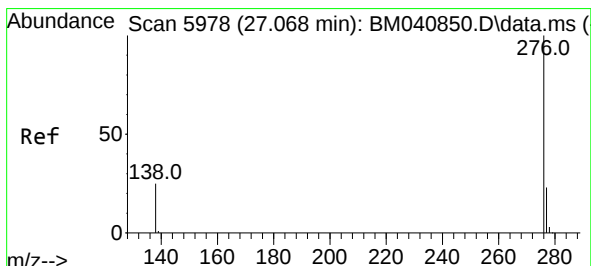
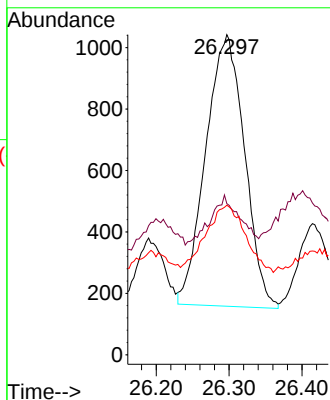
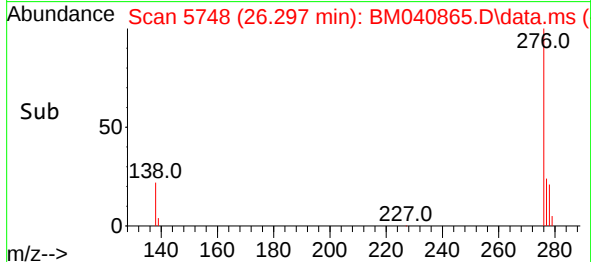
Instrument :
BNA_M
ClientSampleId :
A46J2



Tgt Ion:278 Resp: 3264
Ion Ratio Lower Upper
278 100
139 47.2 17.9 26.9
279 46.7 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.312 ng/ul
RT: 27.041 min Scan# 5970
Delta R.T. -0.027 min
Lab File: BM040865.D
Acq: 14 Jul 2023 00:57

Tgt Ion:276 Resp: 14610
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.6
277 26.2 20.3 30.5

