

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040873.D
 Acq On : 14 Jul 2023 11:15
 Operator : MA/JU
 Sample : 03418-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46F4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:14:16 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	7.857	152	3895	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	13467	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.504	164	6635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	15209	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	8970	0.400	ng/ul	-0.01
23) Perylene-d12	23.828	264	9273	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27606	4.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5722	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9661	0.336	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.227	152	1056	0.036	ng/ul#	73
15) Phenanthrene	17.299	178	4912	0.104	ng/ul	96
16) Anthracene	17.392	178	1154	0.029	ng/ul#	76
19) Fluoranthene	19.320	202	12344	0.324	ng/ul	99
20) Pyrene	19.682	202	11845m	0.290	ng/ul	
21) Benzo(a)anthracene	21.434	228	4603	0.152	ng/ul#	94
22) Chrysene	21.486	228	6304	0.182	ng/ul#	93
24) Benzo(b)fluoranthene	23.105	252	6228	0.174	ng/ul	72
25) Benzo(k)fluoranthene	23.149	252	2298m	0.065	ng/ul	
26) Benzo(a)pyrene	23.719	252	4104	0.127	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.287	276	3131	0.070	ng/ul#	85
29) Benzo(g,h,i)perylene	27.042	276	3522	0.089	ng/ul#	87

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

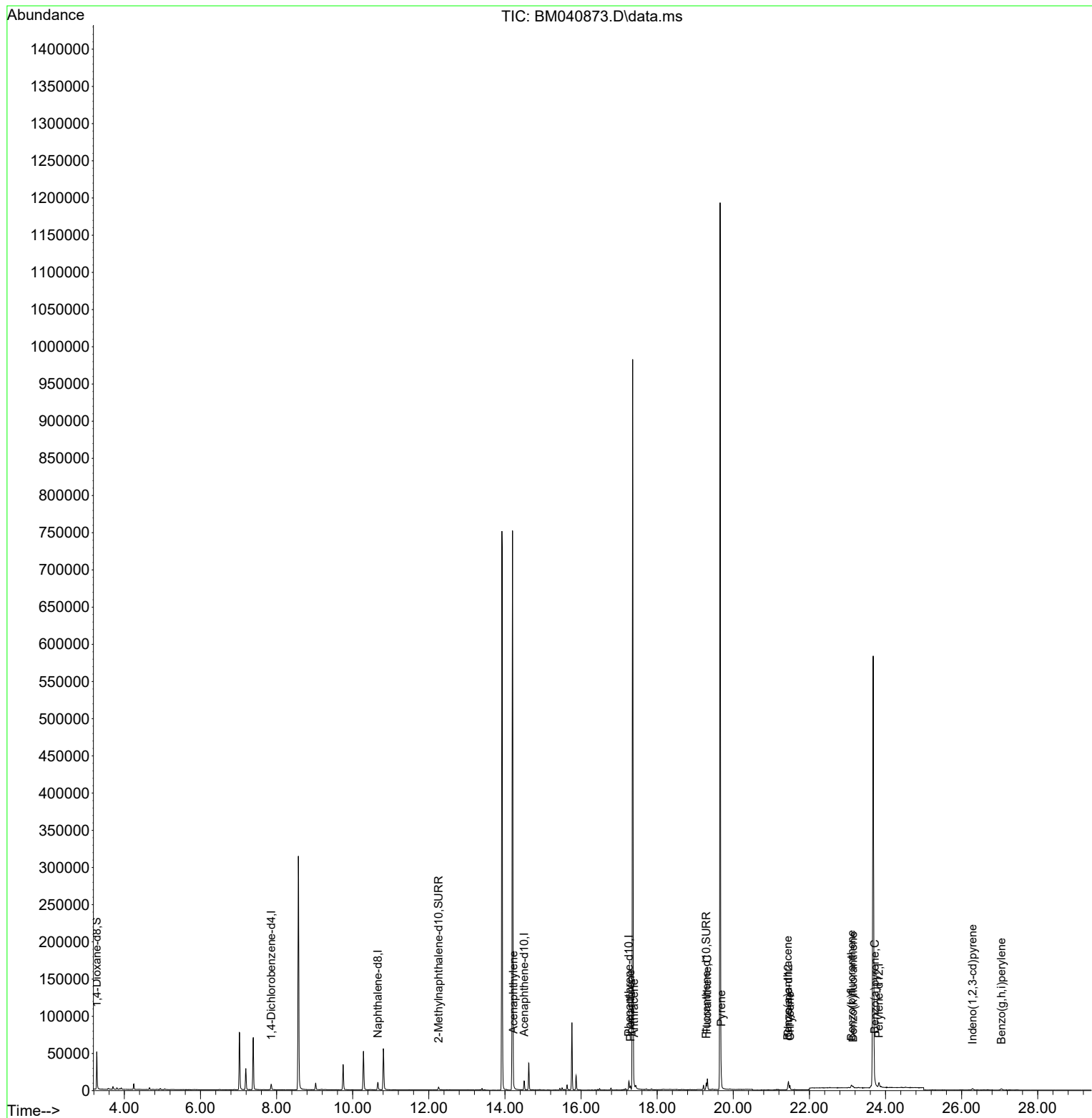
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040873.D
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ALS Vial : 5 Sample Multiplier: 1

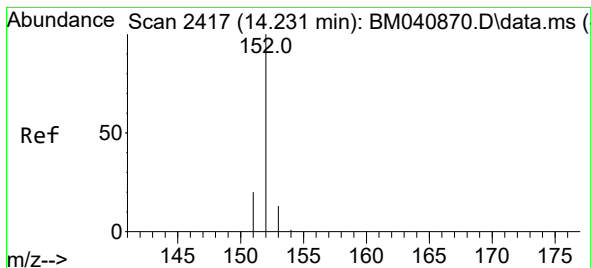
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#10

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.227 min Scan# 2417

Delta R.T. -0.009 min

Lab File: BM040873.D

Acq: 14 Jul 2023 11:15

Instrument :

BNA_M

ClientSampleId :

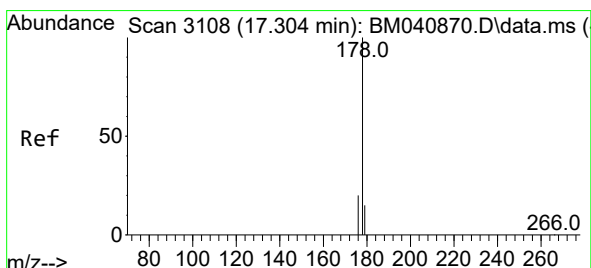
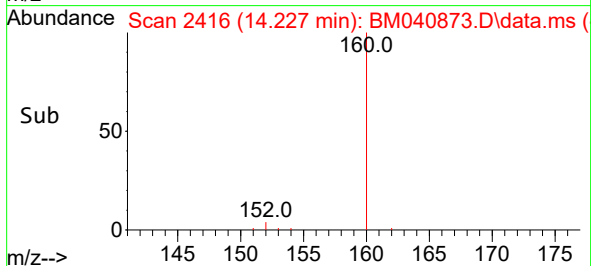
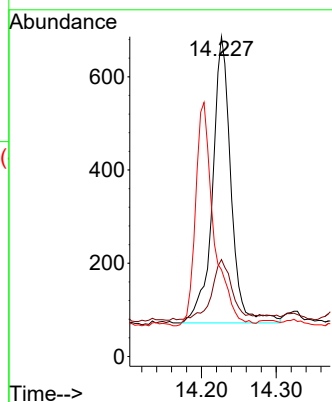
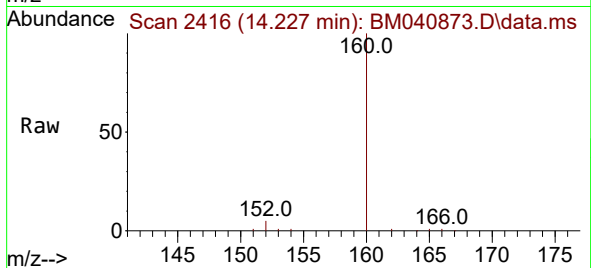
A46F4

Tgt Ion:	152	Resp:	1050
Ion Ratio	Lower	Upper	
152	100		
151	30.3	16.2	24.2
153	27.1	10.9	16.3

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#15

Phenanthrene

Concen: 0.104 ng/ul

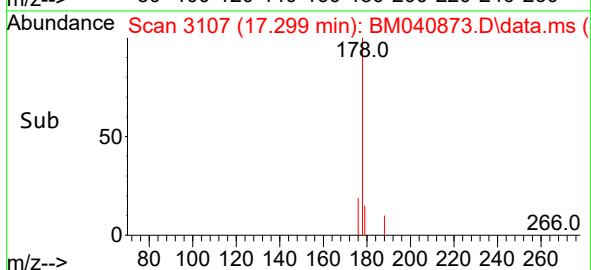
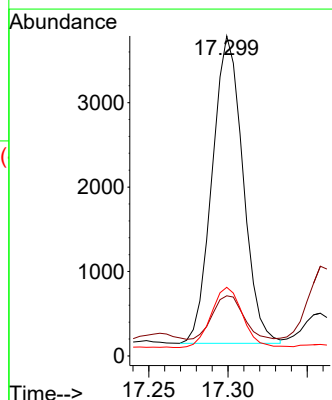
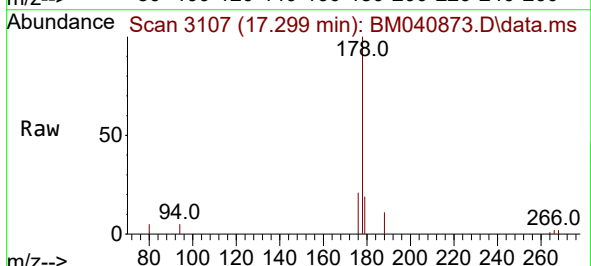
RT: 17.299 min Scan# 3107

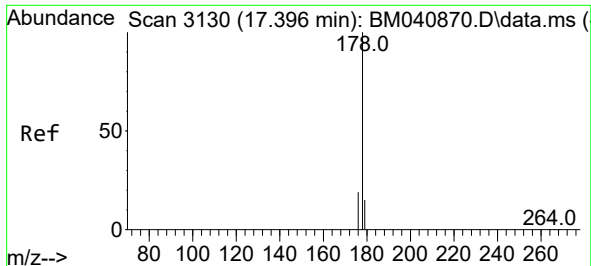
Delta R.T. -0.008 min

Lab File: BM040873.D

Acq: 14 Jul 2023 11:15

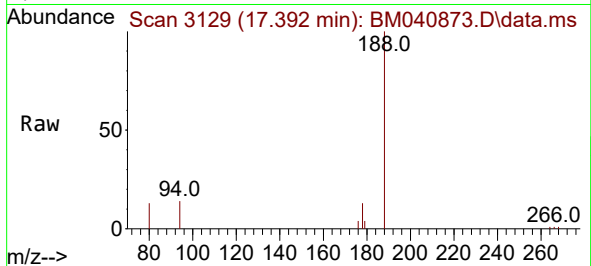
Tgt Ion:	178	Resp:	4912
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.8	19.2
176	21.5	16.4	24.6





#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.392 min Scan# 3130
 Delta R.T. -0.008 min
 Lab File: BM040873.D
 Acq: 14 Jul 2023 11:15

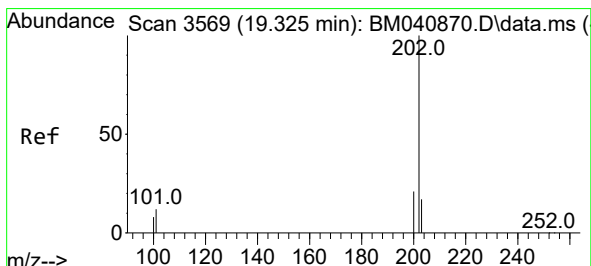
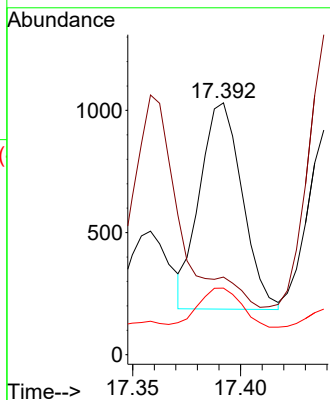
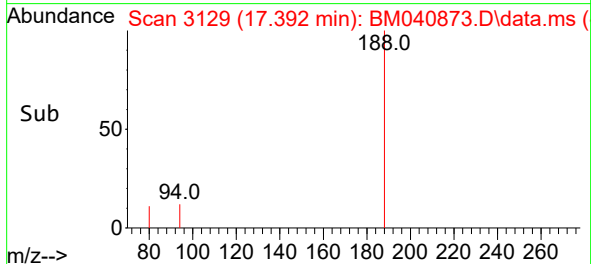
Instrument :
 BNA_M
 ClientSampleId :
 A46F4



Tgt Ion:178 Resp: 1154
 Ion Ratio Lower Upper
 178 100
 179 30.8 12.9 19.3
 176 26.5 15.8 23.6

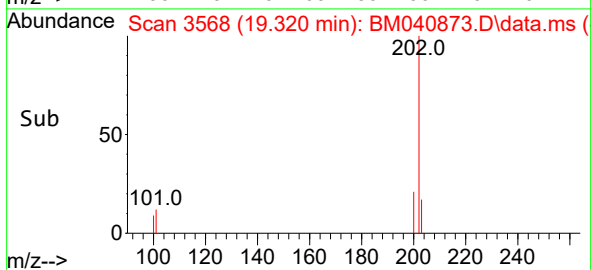
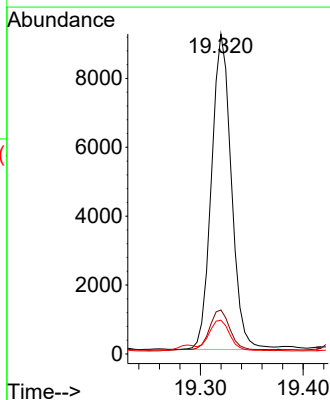
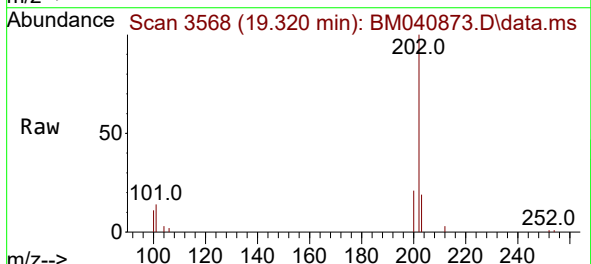
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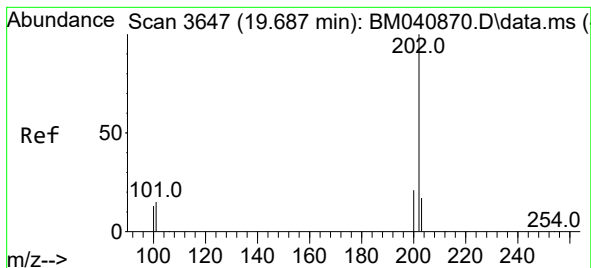
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.324 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BM040873.D
 Acq: 14 Jul 2023 11:15

Tgt Ion:202 Resp: 12344
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.4 17.0
 100 10.6 8.7 13.1





#20

Pyrene

Concen: 0.290 ng/ul m

RT: 19.682 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040873.D

Acq: 14 Jul 2023 11:15

Instrument :

BNA_M

ClientSampleId :

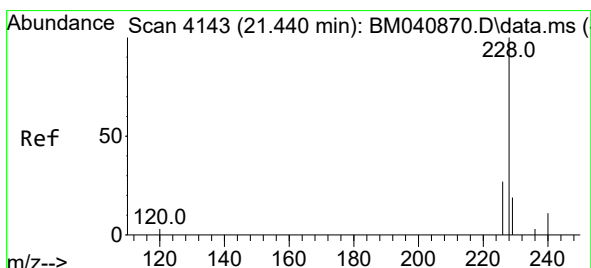
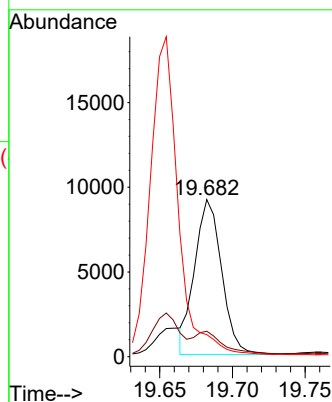
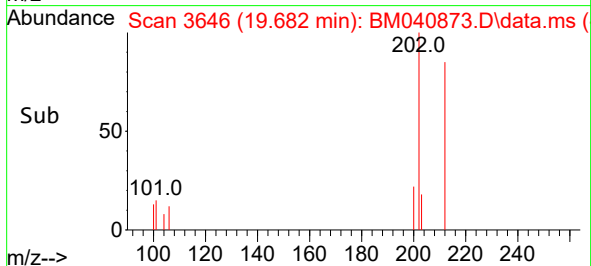
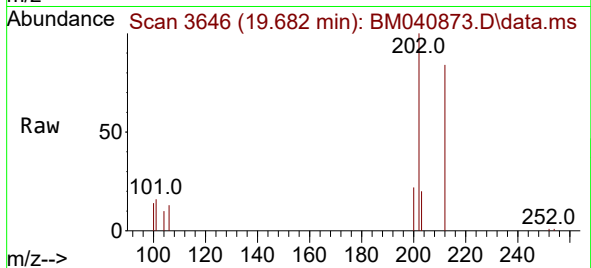
A46F4

Tgt Ion:	202	Resp:	1184
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.6	18.8
100	14.1	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 0.152 ng/ul

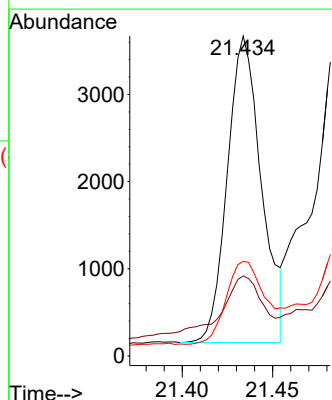
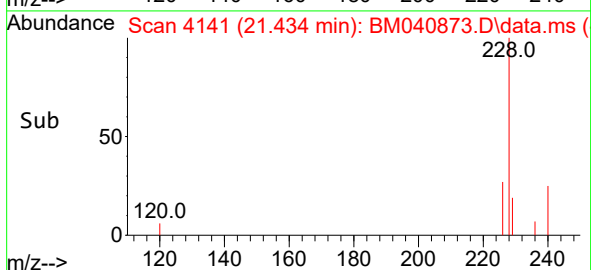
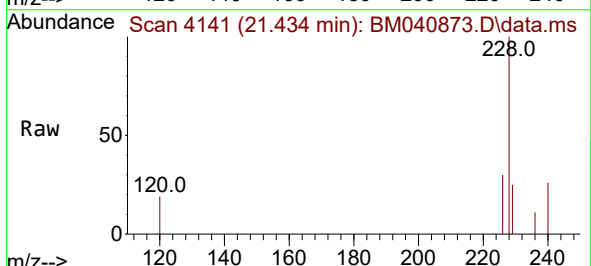
RT: 21.434 min Scan# 4141

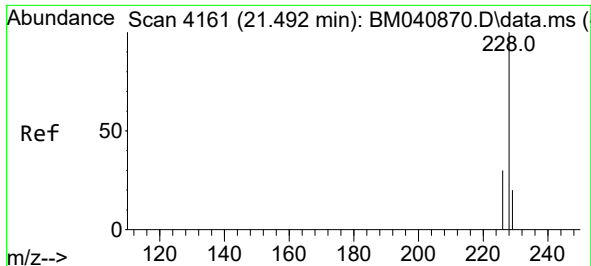
Delta R.T. -0.012 min

Lab File: BM040873.D

Acq: 14 Jul 2023 11:15

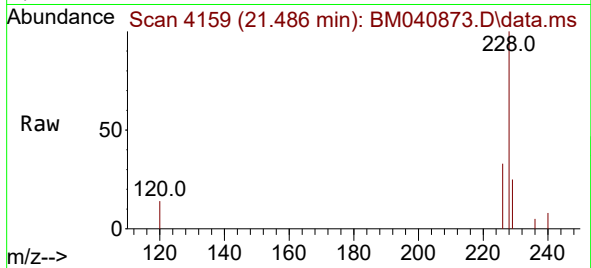
Tgt Ion:	228	Resp:	4603
Ion Ratio	Lower	Upper	
228	100		
229	25.0	16.0	24.0
226	29.6	22.3	33.5





#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

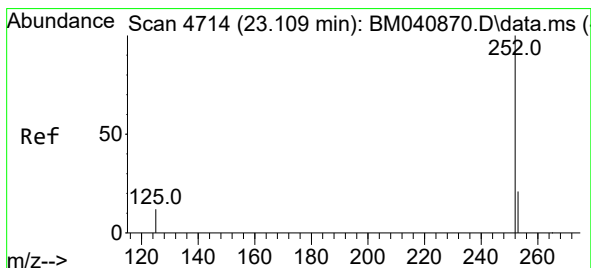
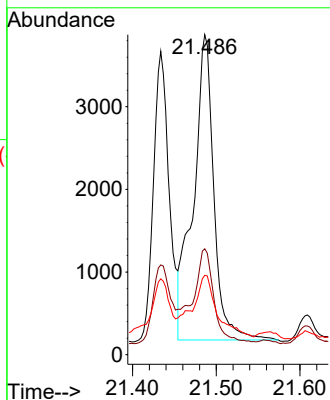
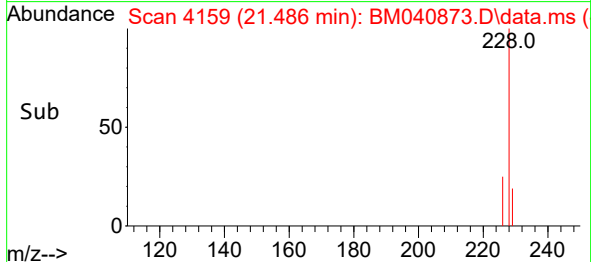
Instrument :
BNA_M
ClientSampleId :
A46F4



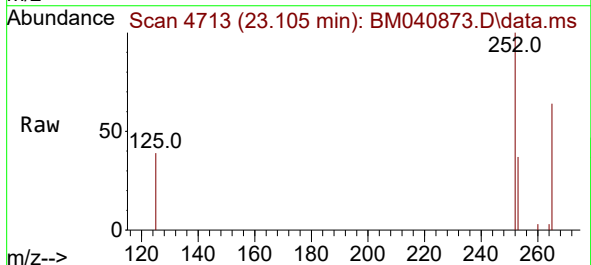
Tgt Ion:228 Resp: 6304
Ion Ratio Lower Upper
228 100
226 33.1 24.9 37.3
229 24.8 15.8 23.6

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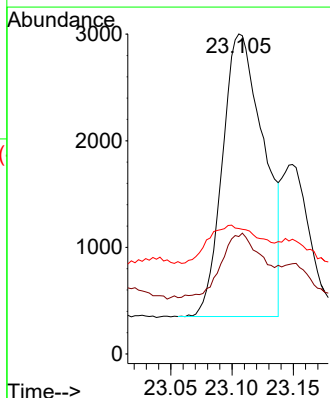
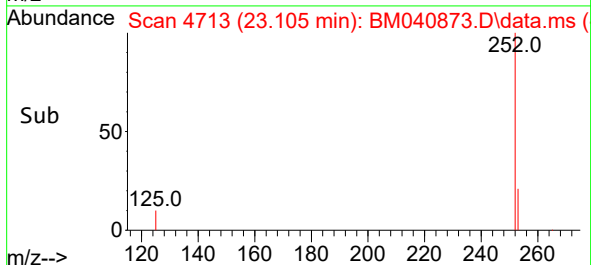
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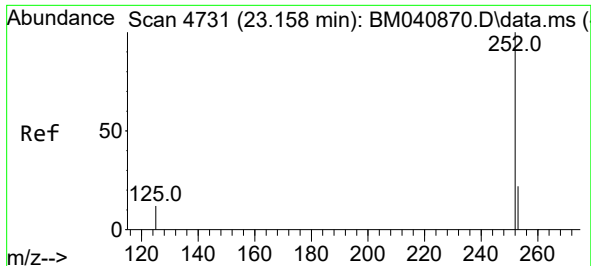


#24
Benzo(b)fluoranthene
Concen: 0.174 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.014 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15



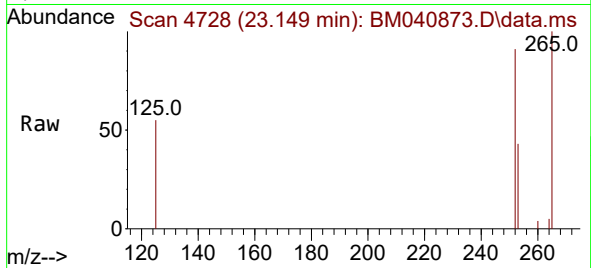
Tgt Ion:252 Resp: 6228
Ion Ratio Lower Upper
252 100
253 36.7 0.0 52.8
125 39.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.149 min Scan# 4731
Delta R.T. -0.017 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

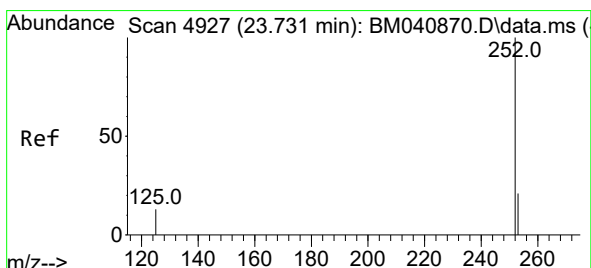
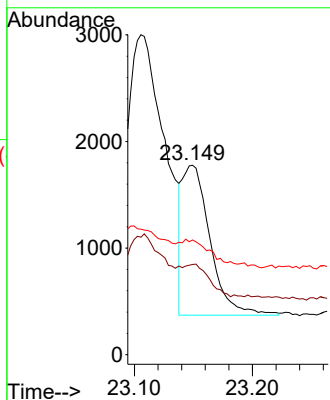
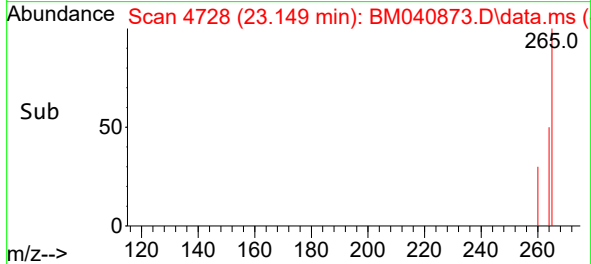
Instrument :
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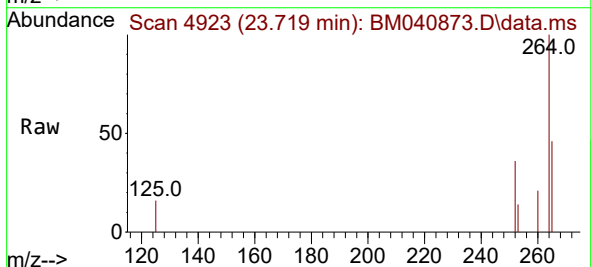
Tgt Ion:252 Resp: 2298
Ion Ratio Lower Upper
252 100
253 47.6 21.2 31.8
125 60.5 16.4 24.6

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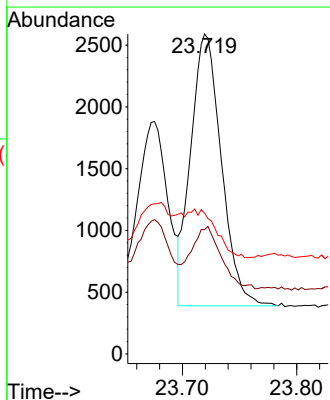
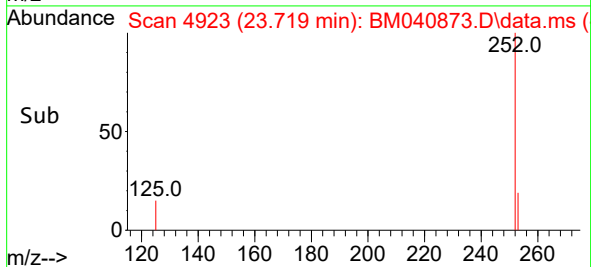
Reviewed By :Jagrut Upadhyay 07/15/2023
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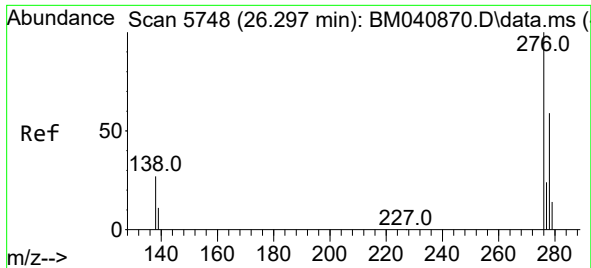


#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.020 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15



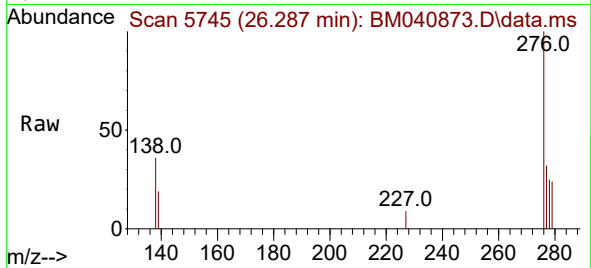
Tgt Ion:252 Resp: 4104
Ion Ratio Lower Upper
252 100
253 38.8 22.9 34.3#
125 44.1 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 26.287 min Scan# 5133
Delta R.T. -0.020 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

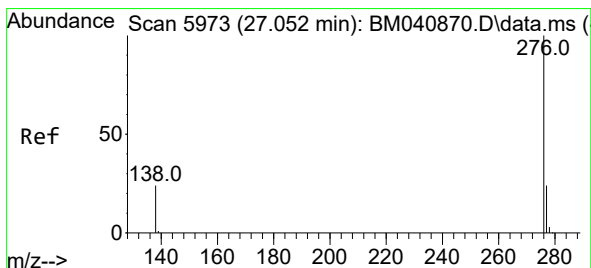
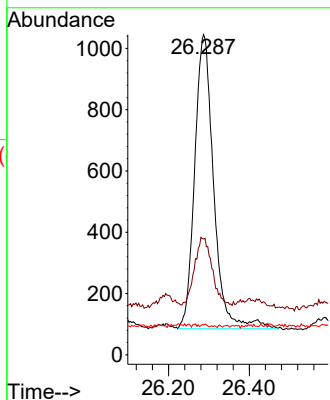
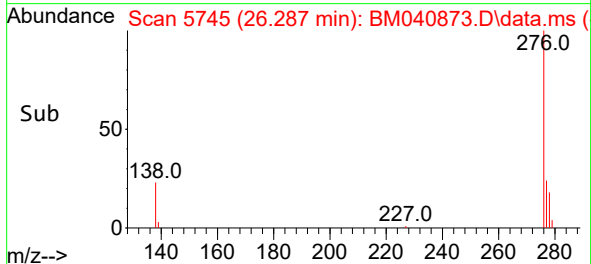
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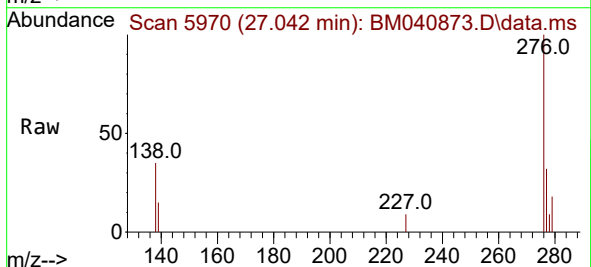
Tgt Ion:276 Resp: 313
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7
227 0.3 0.1 0.1

Manual Integrations
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Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 27.042 min Scan# 5970
Delta R.T. -0.027 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15



Tgt Ion:276 Resp: 3522
Ion Ratio Lower Upper
276 100
138 35.2 23.0 34.6#
277 32.1 20.3 30.5#

