

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040878.D
 Acq On : 14 Jul 2023 14:24
 Operator : MA/JU
 Sample : 03418-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4644DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 03:15:03 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	7.862	152	3880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13853	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	6805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	17126	0.400	ng/ul #	0.00
17) Chrysene-d12	21.451	240	7741	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	7349	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3614	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	923	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1374	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	4866	0.127	ng/ul#	94
7) 2-Methylnaphthalene	12.330	142	661	0.029	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	1360	0.061	ng/ul	90
10) Acenaphthylene	14.227	152	882	0.029	ng/ul#	37
11) Acenaphthene	14.569	153	1265m	0.049	ng/ul	
12) Fluorene	15.559	166	1712	0.062	ng/ul#	92
15) Phenanthrene	17.299	178	18620	0.350	ng/ul	99
16) Anthracene	17.392	178	2054	0.046	ng/ul#	82
19) Fluoranthene	19.320	202	24404	0.742	ng/ul	98
20) Pyrene	19.682	202	24502	0.695	ng/ul	99
21) Benzo(a)anthracene	21.434	228	7989	0.305	ng/ul#	91
22) Chrysene	21.489	228	11705	0.392	ng/ul#	93
24) Benzo(b)fluoranthene	23.108	252	10741	0.378	ng/ul	77
25) Benzo(k)fluoranthene	23.152	252	3900m	0.139	ng/ul	
26) Benzo(a)pyrene	23.722	252	6278	0.245	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.290	276	4828	0.135	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.294	278	1244	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	27.045	276	5199	0.166	ng/ul	91

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

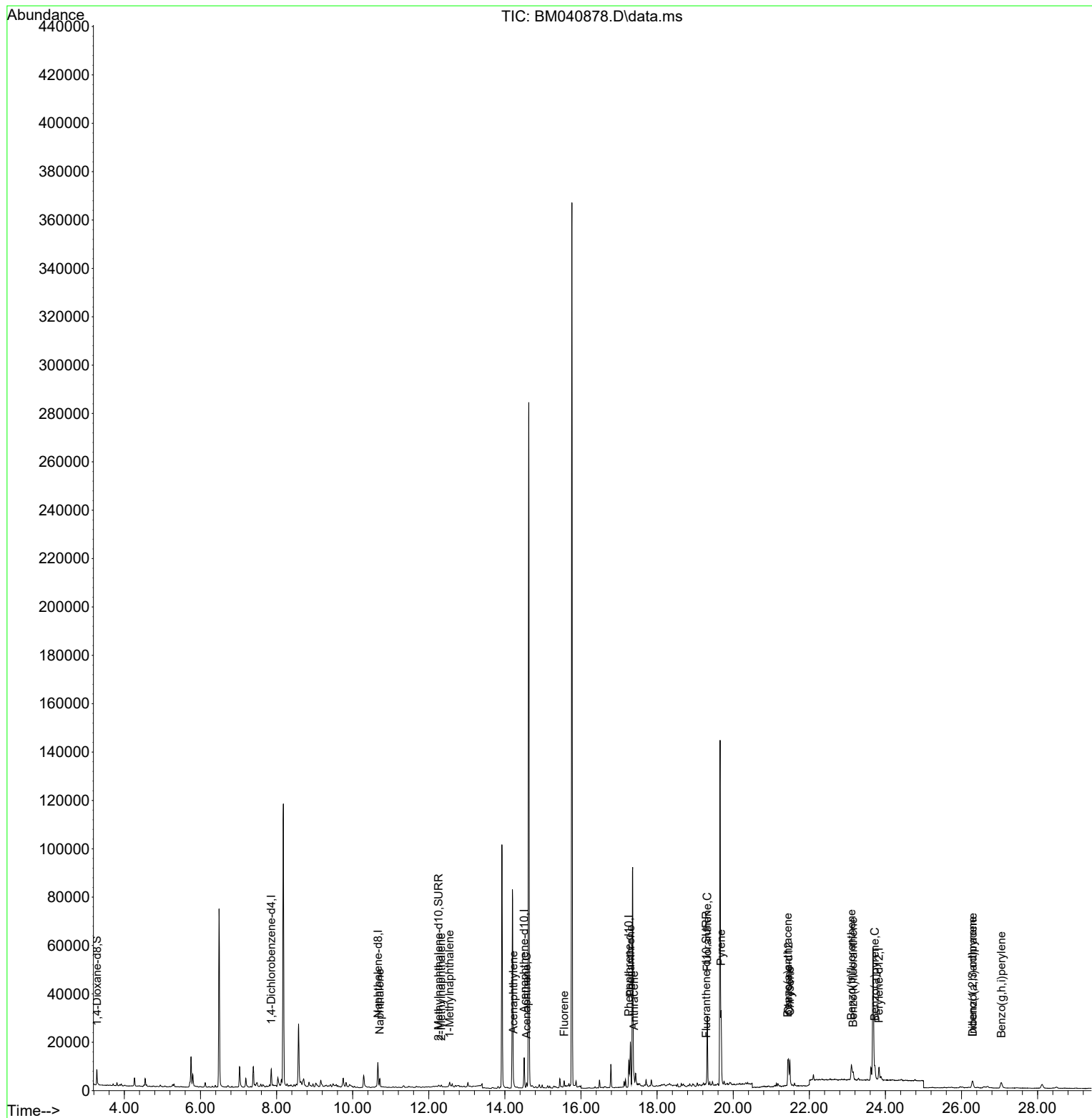
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040878.D
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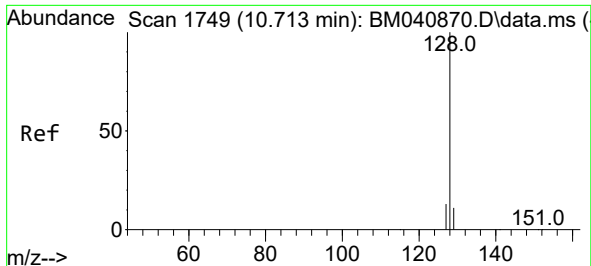
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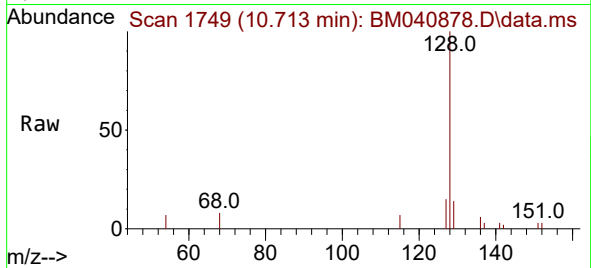
Quant Time: Jul 15 03:15:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

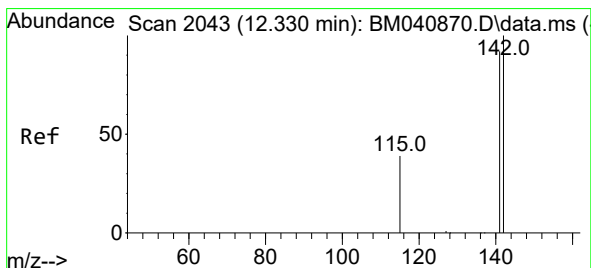
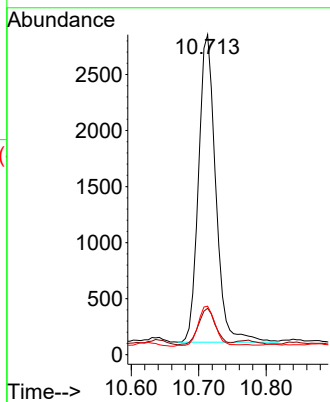
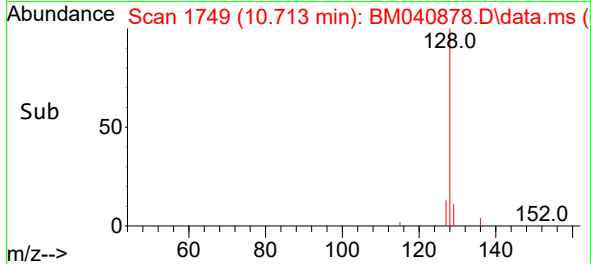
Instrument :
BNA_M
ClientSampleId :
A4644DL



Tgt Ion:128 Resp: 4860
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 15.1 10.6 15.8

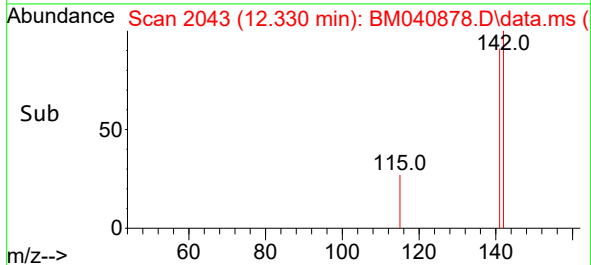
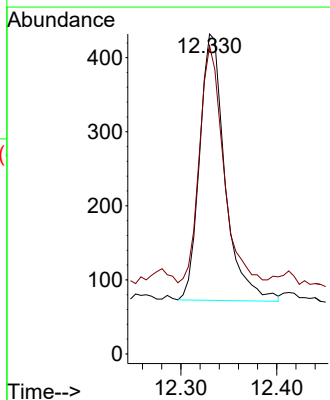
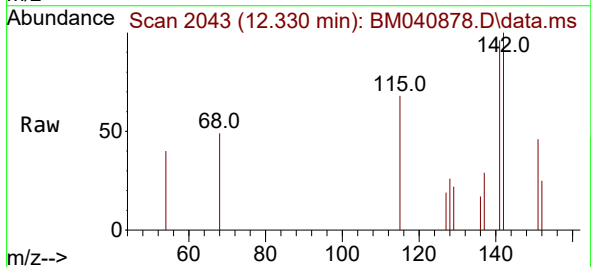
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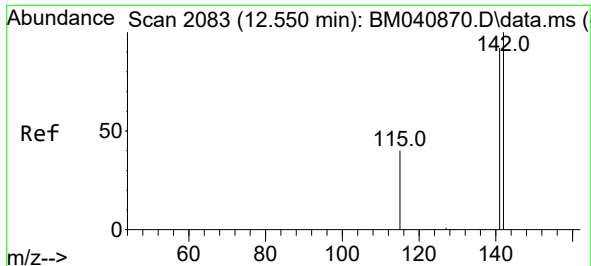
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

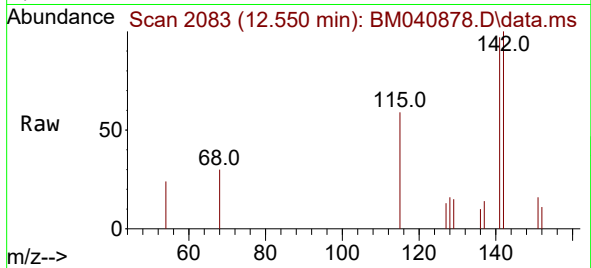
Tgt Ion:142 Resp: 661
Ion Ratio Lower Upper
142 100
141 86.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

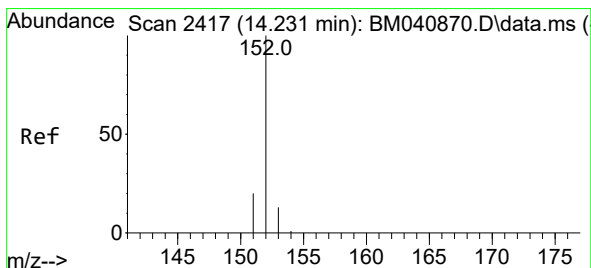
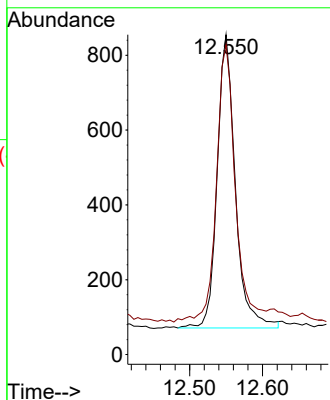
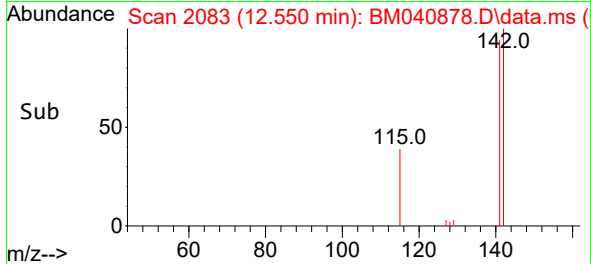
Instrument :
BNA_M
ClientSampleId :
A4644DL



Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 101.2 73.7 110.5

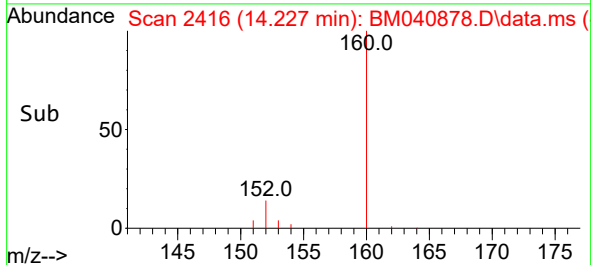
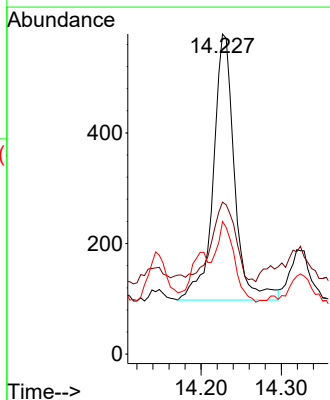
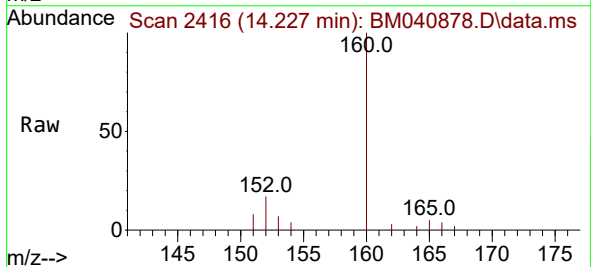
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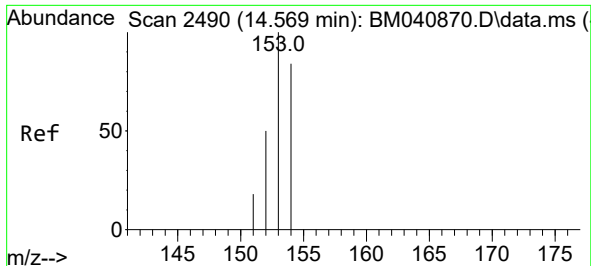
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

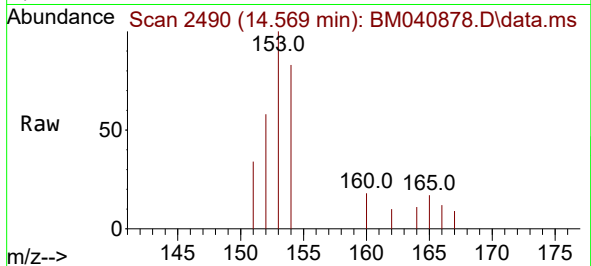
Tgt Ion:152 Resp: 882
Ion Ratio Lower Upper
152 100
151 47.5 16.2 24.2#
153 41.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.049 ng/ul m
RT: 14.569 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

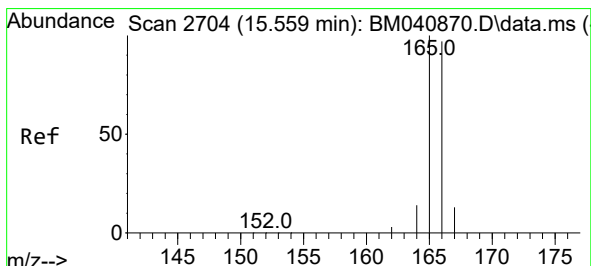
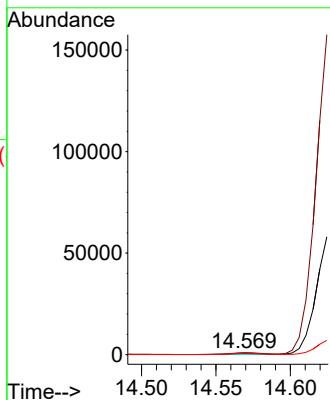
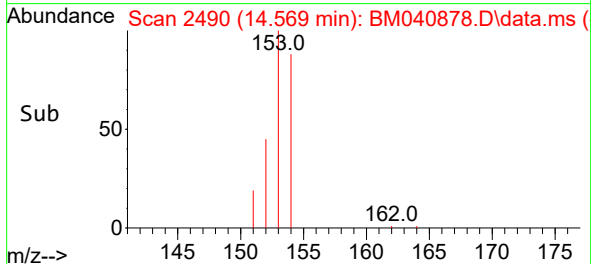
Instrument :
BNA_M
ClientSampleId :
A4644DL



Tgt Ion:153 Resp: 126
Ion Ratio Lower Upper
153 100
152 58.3 41.0 61.4
154 83.5 70.8 106.2

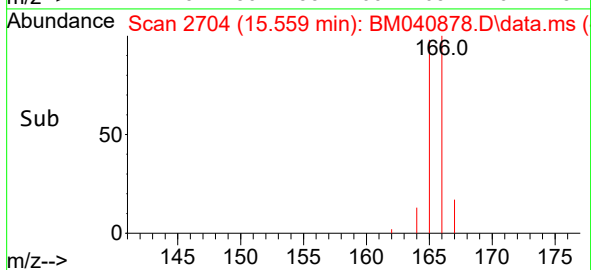
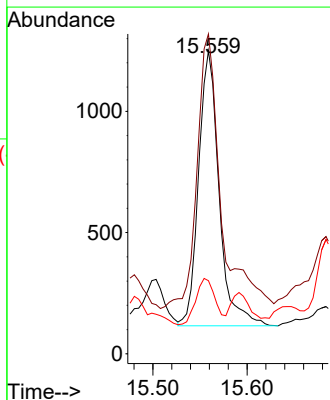
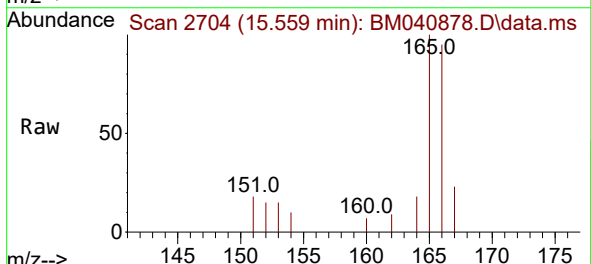
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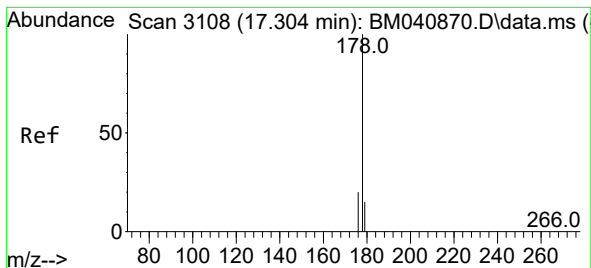
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:166 Resp: 1712
Ion Ratio Lower Upper
166 100
165 105.5 79.6 119.4
167 24.2 11.4 17.0#





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040878.D

Acq: 14 Jul 2023 14:24

Instrument :

BNA_M

ClientSampleId :

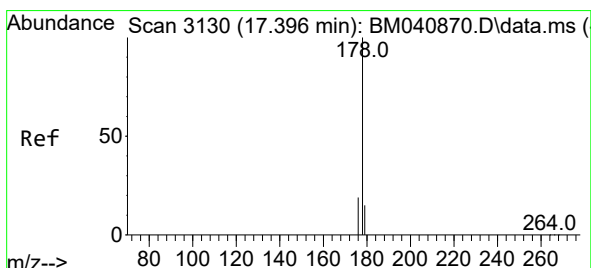
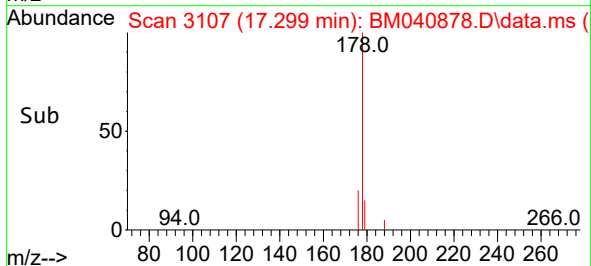
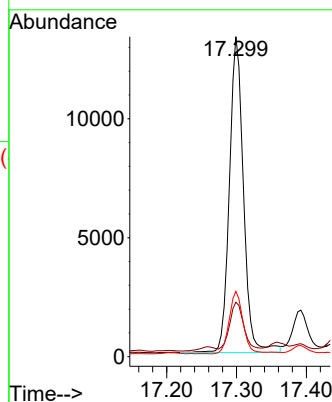
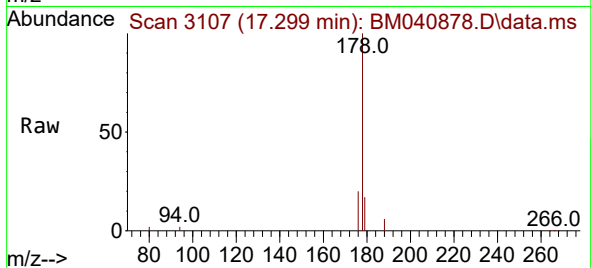
A4644DL

Tgt Ion:	178	Resp:	18620
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.8	19.2
176	20.4	16.4	24.6

Manual Integrations

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



#16

Anthracene

Concen: 0.046 ng/ul

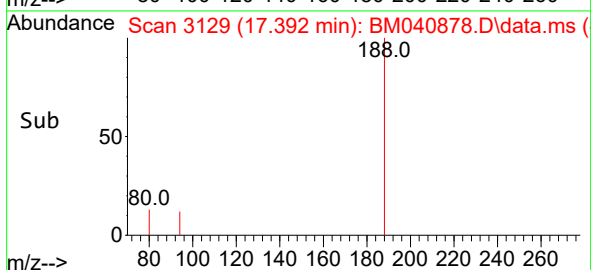
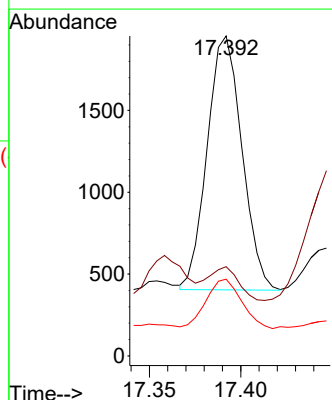
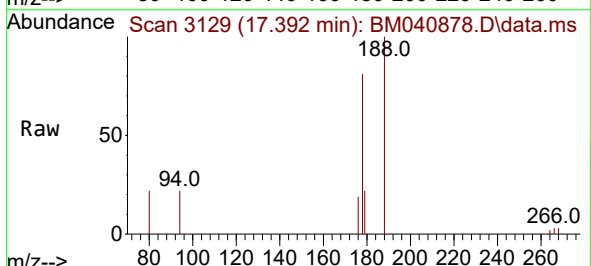
RT: 17.392 min Scan# 3129

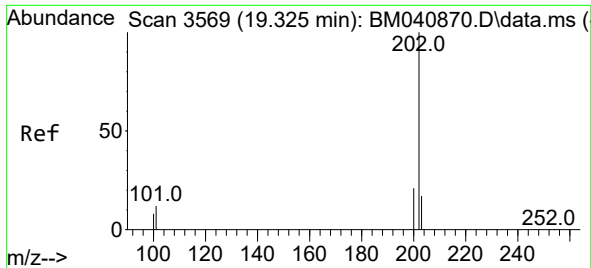
Delta R.T. -0.008 min

Lab File: BM040878.D

Acq: 14 Jul 2023 14:24

Tgt Ion:	178	Resp:	2054
Ion Ratio	Lower	Upper	
178	100		
179	27.9	12.9	19.3#
176	24.0	15.8	23.6#





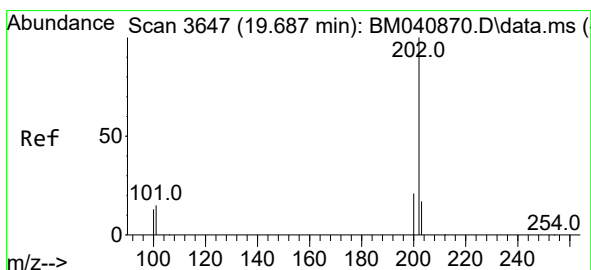
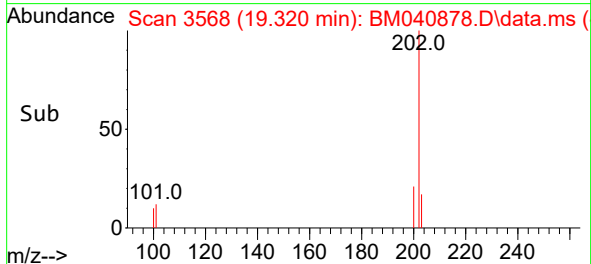
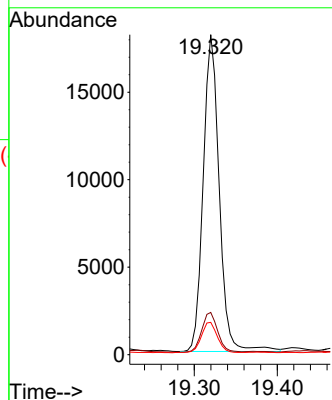
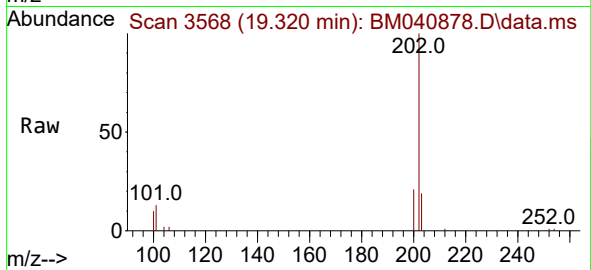
#19
Fluoranthene
Concen: 0.742 ng/ul
RT: 19.320 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:202 Resp: 2440
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.1 8.7 13.1

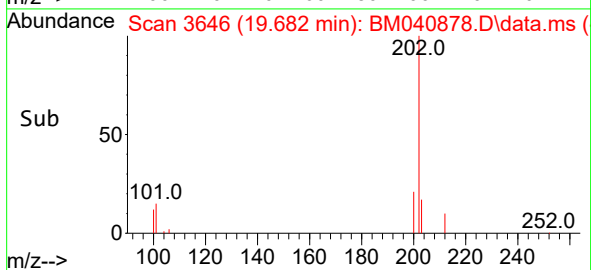
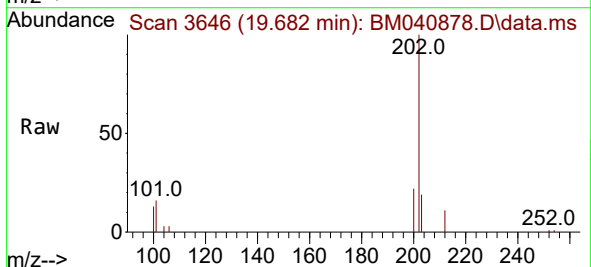
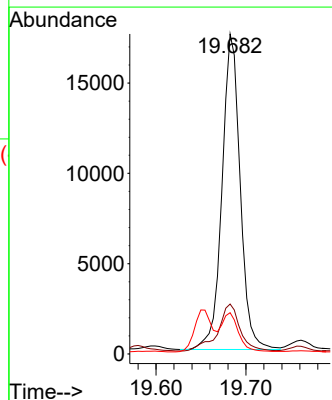
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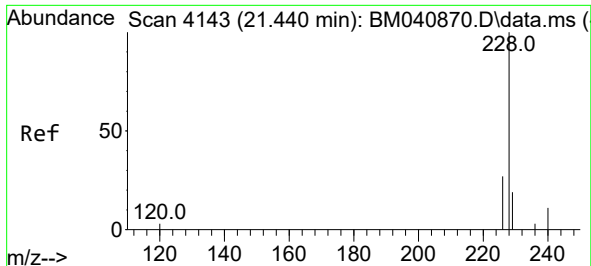
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.695 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

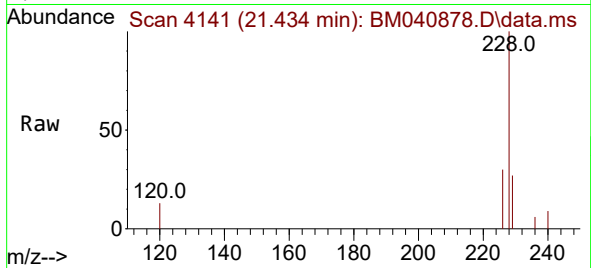
Tgt Ion:202 Resp: 24502
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.434 min Scan# 4143
Delta R.T. -0.012 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

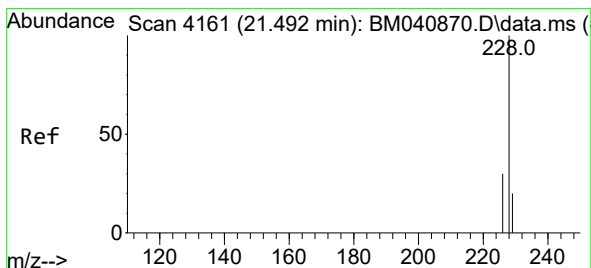
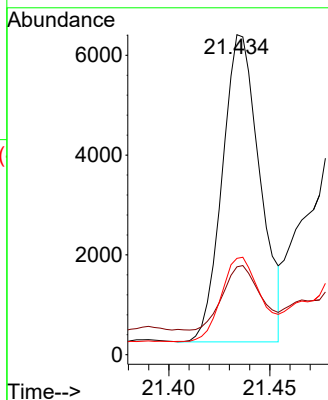
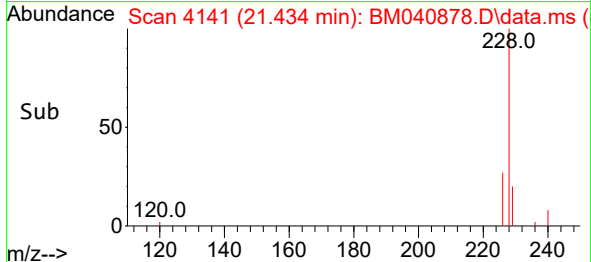
Instrument :
BNA_M
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A4644DL



Tgt Ion:228 Resp: 7985
Ion Ratio Lower Upper
228 100
229 27.5 16.0 24.0
226 30.1 22.3 33.5

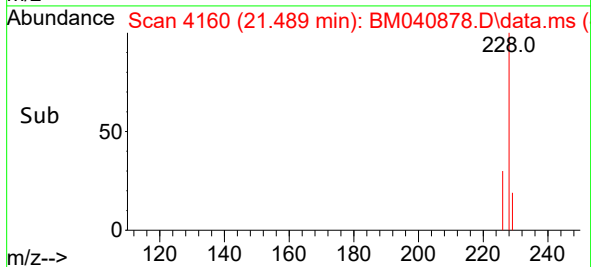
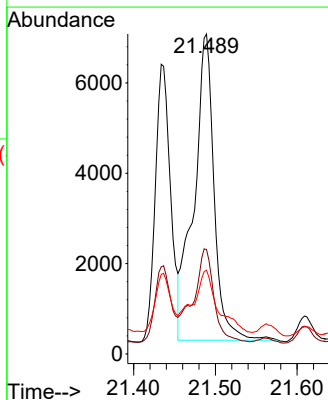
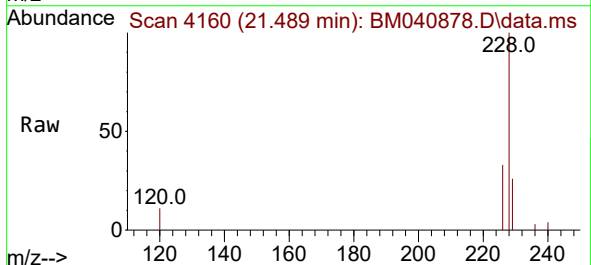
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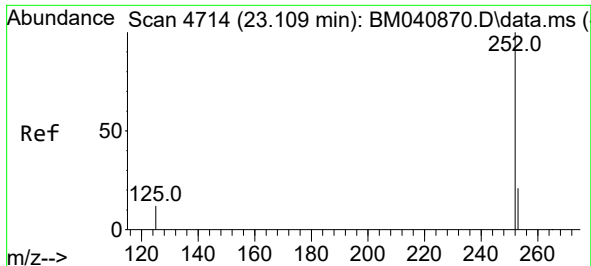
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

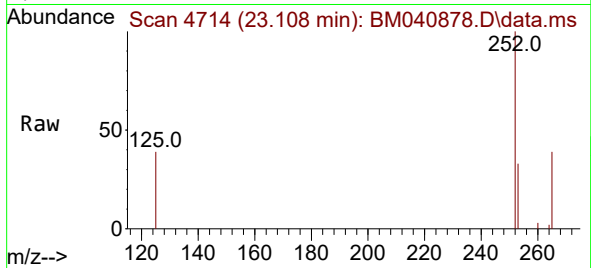
Tgt Ion:228 Resp: 11705
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 26.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. -0.012 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

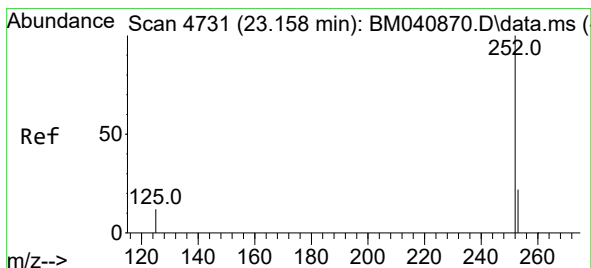
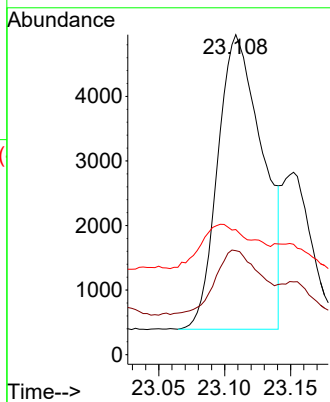
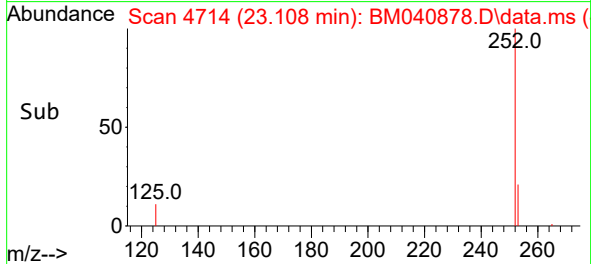
Instrument :
BNA_M
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A4644DL



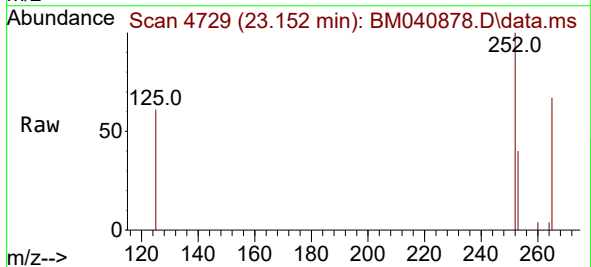
Tgt Ion:252 Resp: 1074
Ion Ratio Lower Upper
252 100
253 32.5 0.0 52.8
125 39.1 0.0 43.0

Manual Integrations
APPROVED

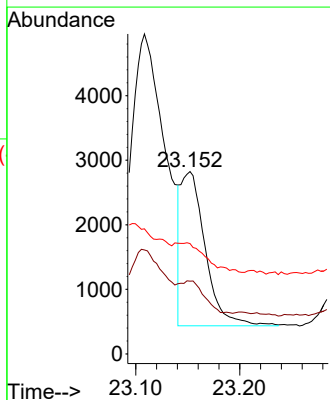
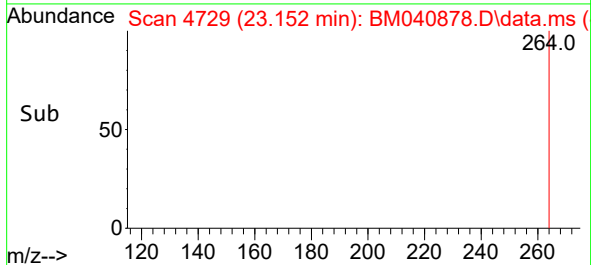
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

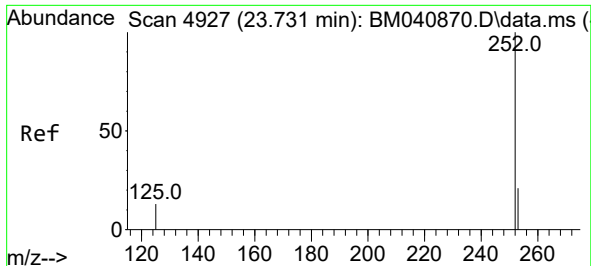


#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.152 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24



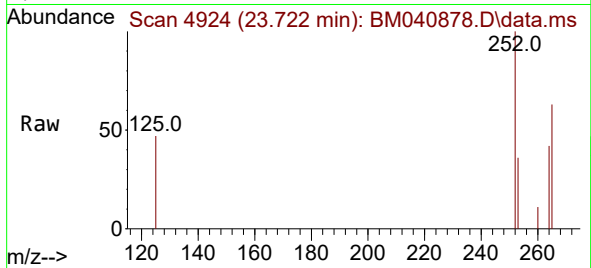
Tgt Ion:252 Resp: 3900
Ion Ratio Lower Upper
252 100
253 39.9 21.2 31.8#
125 60.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.017 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

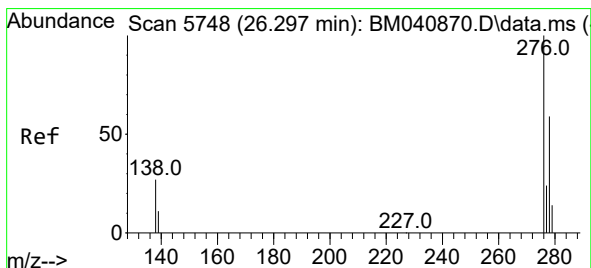
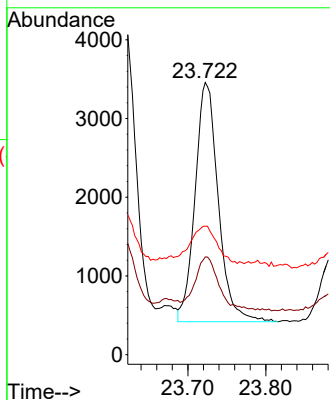
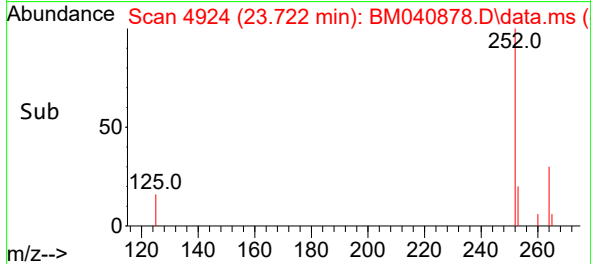
Instrument :
BNA_M
ClientSampleId :
A4644DL



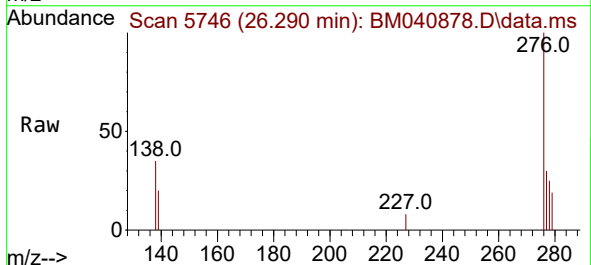
Tgt Ion:252 Resp: 6278
Ion Ratio Lower Upper
252 100
253 35.9 22.9 34.3#
125 47.2 21.0 31.4#

Manual Integrations
APPROVED

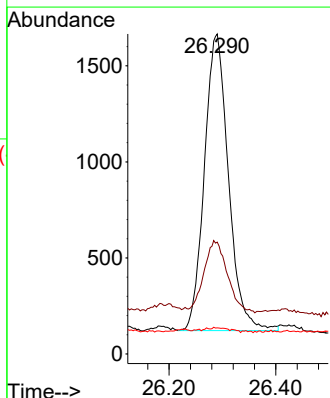
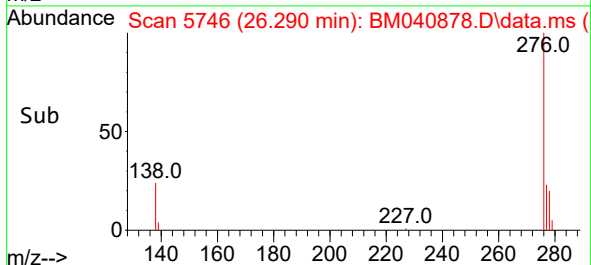
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

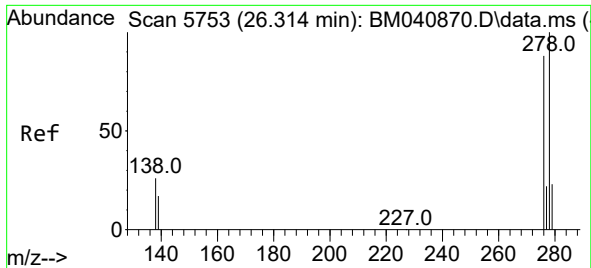


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24



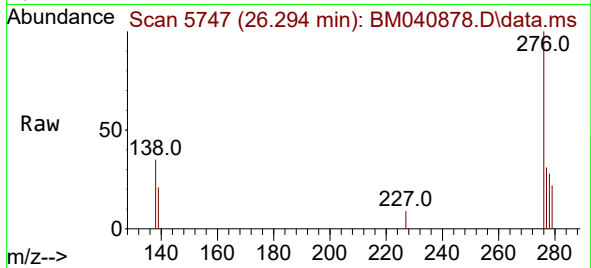
Tgt Ion:276 Resp: 4828
Ion Ratio Lower Upper
276 100
138 23.9 24.5 36.7#
227 0.5 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.294 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

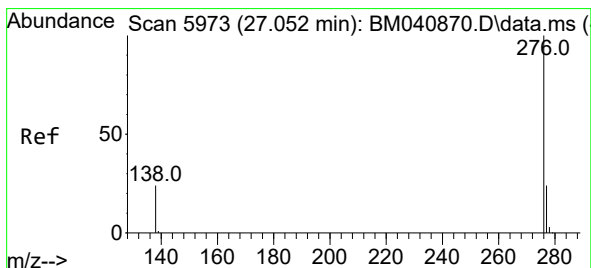
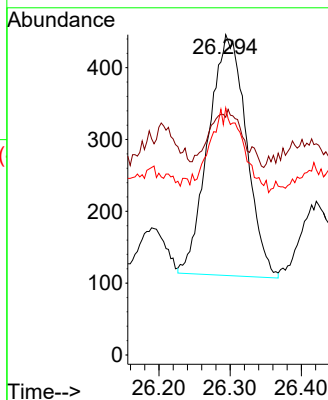
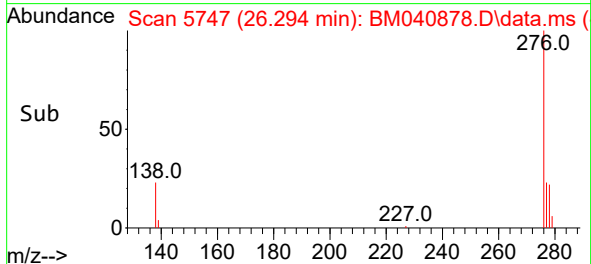
Instrument :
BNA_M
ClientSampleId :
A4644DL



Tgt Ion:278 Resp: 1244
Ion Ratio Lower Upper
278 100
139 74.2 17.9 26.9
279 77.1 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.023 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:276 Resp: 5199
Ion Ratio Lower Upper
276 100
138 34.0 23.0 34.6
277 30.0 20.3 30.5

