

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040866.D
 Acq On : 14 Jul 2023 01:34
 Operator : MA/JU
 Sample : 03418-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J7

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 03:18:50 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	4867	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	16856	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	8449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	16588	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	11681	0.400	ng/ul	-0.01
23) Perylene-d12	23.828	264	13450	0.400	ng/ul #	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	32539	4.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	7359	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	12696	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1366	0.029	ng/ul#	80
10) Acenaphthylene	14.231	152	3028	0.080	ng/ul#	91
11) Acenaphthene	14.574	153	867	0.027	ng/ul	96
12) Fluorene	15.559	166	1292	0.038	ng/ul#	95
15) Phenanthrene	17.299	178	25290	0.491	ng/ul	100
16) Anthracene	17.392	178	4402	0.102	ng/ul#	94
19) Fluoranthene	19.320	202	59965	1.209	ng/ul	97
20) Pyrene	19.682	202	50221m	0.944	ng/ul	
21) Benzo(a)anthracene	21.434	228	23500	0.595	ng/ul	97
22) Chrysene	21.486	228	26491	0.588	ng/ul	97
24) Benzo(b)fluoranthene	23.103	252	37415	0.719	ng/ul	98
25) Benzo(k)fluoranthene	23.146	252	12025m	0.234	ng/ul	
26) Benzo(a)pyrene	23.719	252	25836	0.551	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.280	276	19285	0.295	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.294	278	4467	0.087	ng/ul#	69
29) Benzo(g,h,i)perylene	27.042	276	20238	0.354	ng/ul	98

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

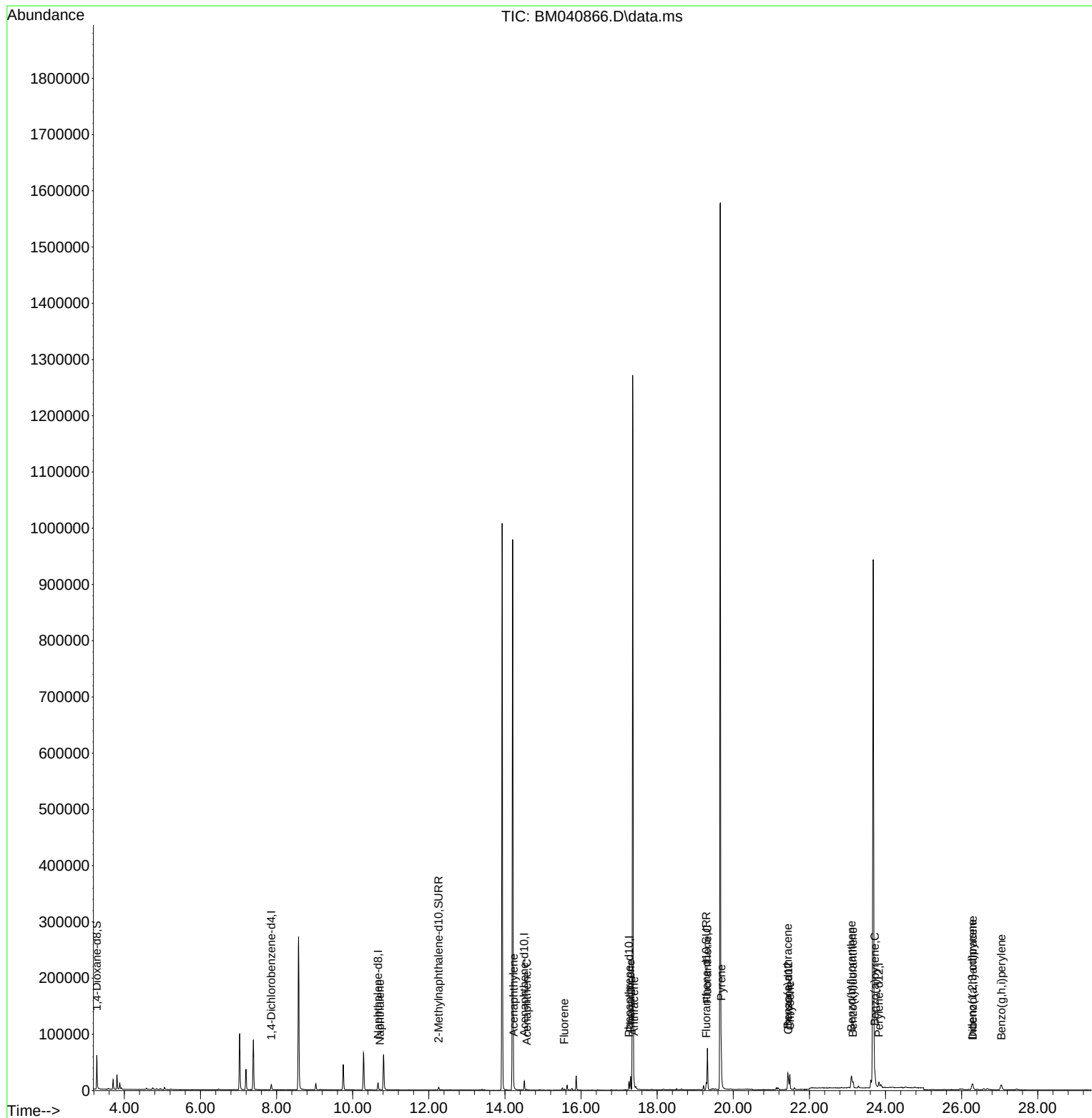
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040866.D
Acq On : 14 Jul 2023 01:34
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ALS Vial : 18 Sample Multiplier: 1

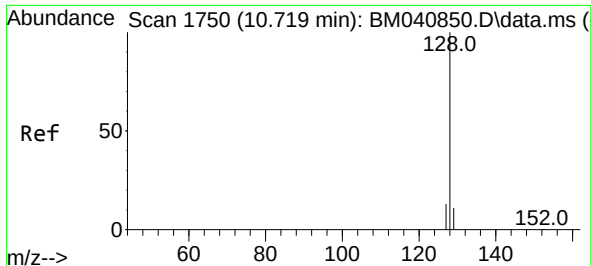
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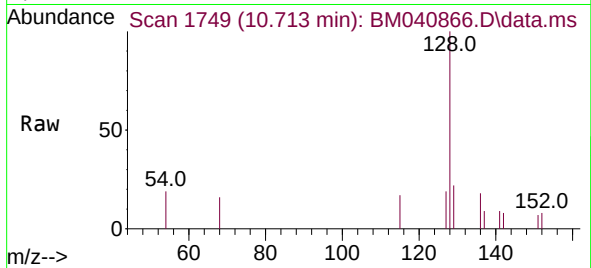
Quant Time: Jul 14 03:18:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

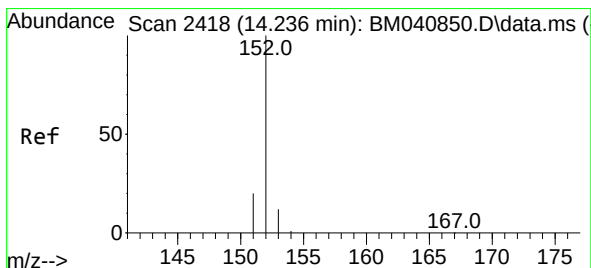
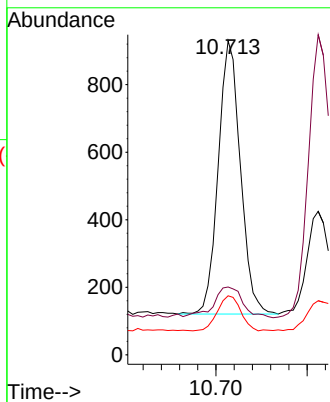
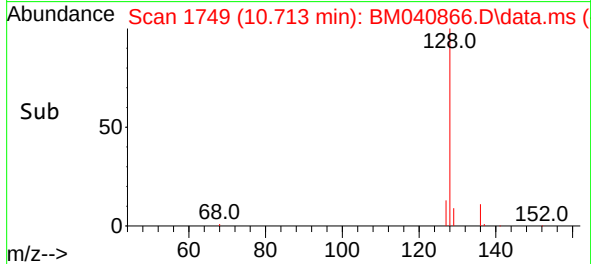
Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
129 21.6 9.2 13.8
127 18.8 10.6 15.8

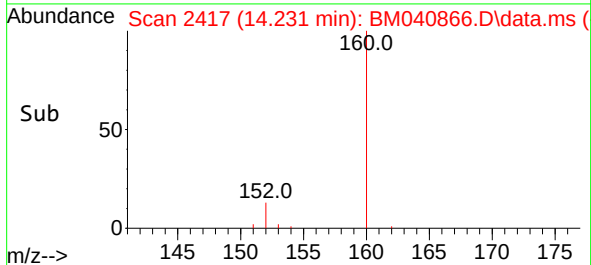
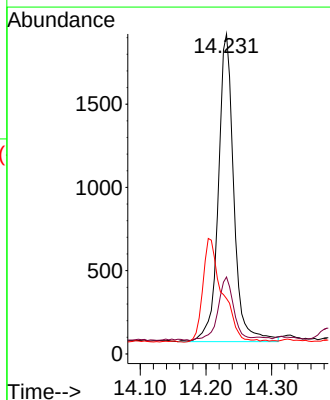
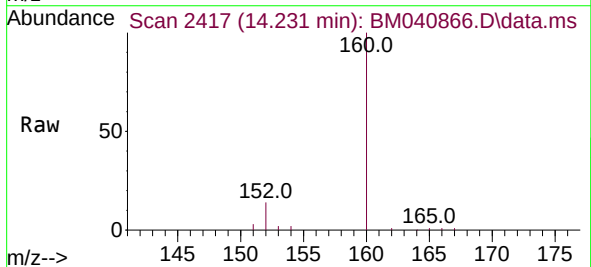
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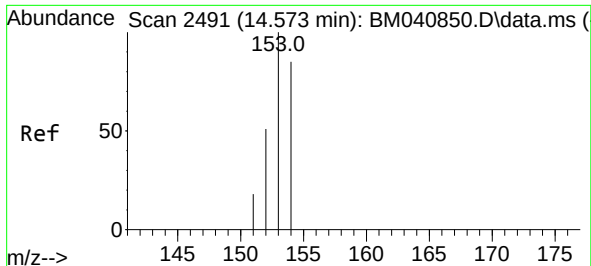
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

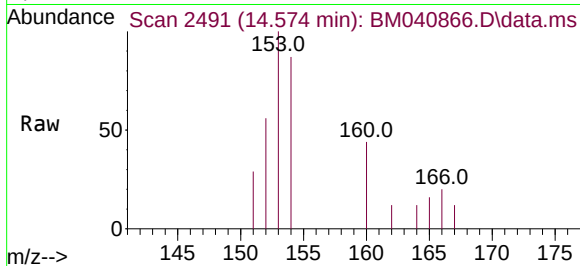
Tgt Ion:152 Resp: 3028
Ion Ratio Lower Upper
152 100
151 24.0 16.2 24.2
153 17.3 10.9 16.3





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

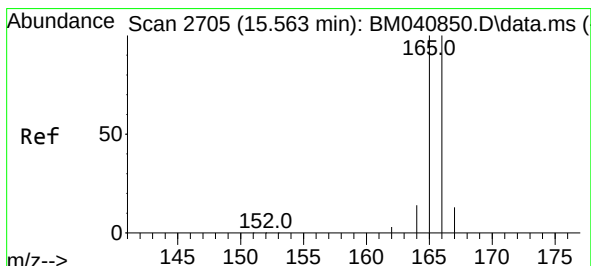
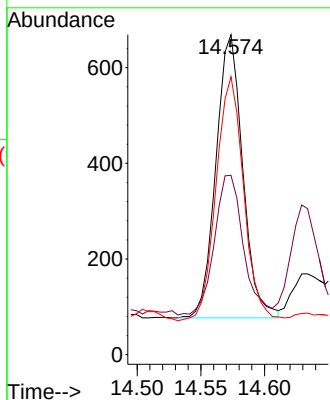
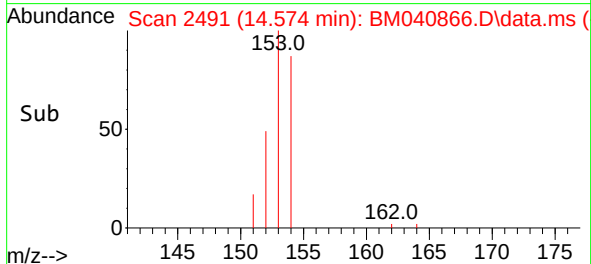
Instrument :
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Tgt Ion:153 Resp: 86
Ion Ratio Lower Upper
153 100
152 56.1 41.0 61.4
154 86.8 70.8 106.2

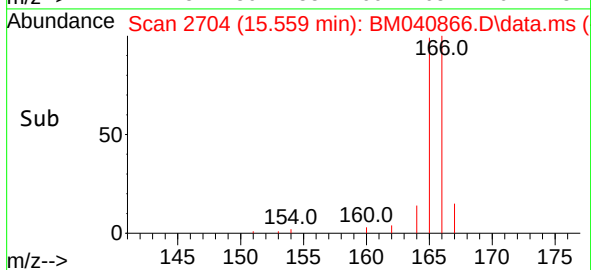
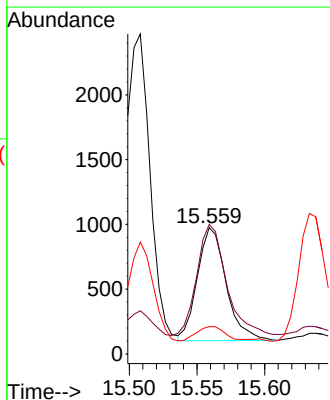
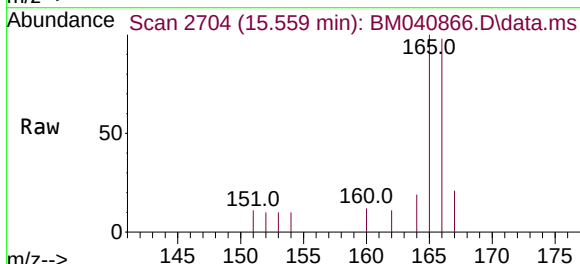
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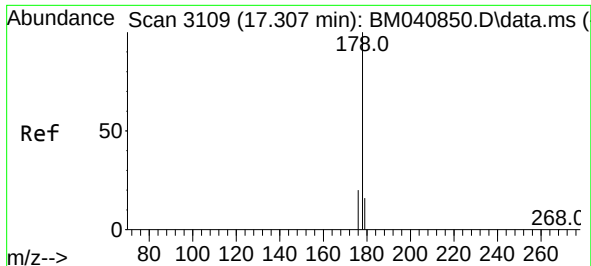
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.004 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

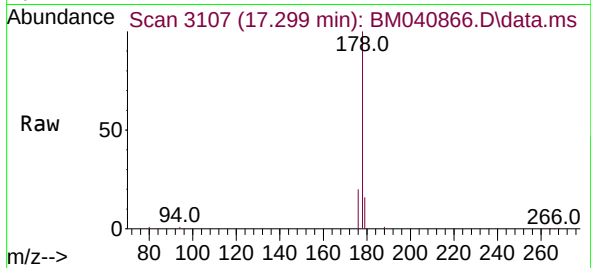
Tgt Ion:166 Resp: 1292
Ion Ratio Lower Upper
166 100
165 102.6 79.6 119.4
167 21.6 11.4 17.0#





#15
Phenanthrene
Concen: 0.491 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

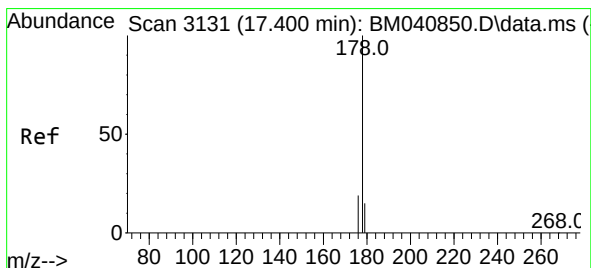
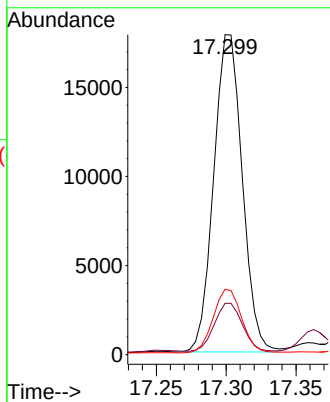
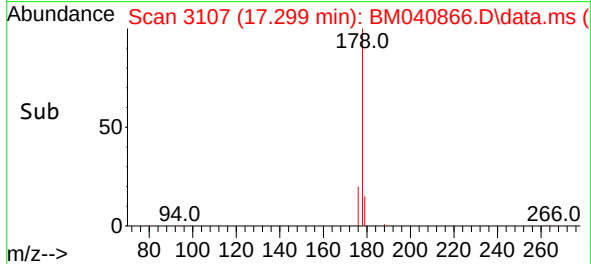
Instrument :
BNA_M
ClientSampleId :
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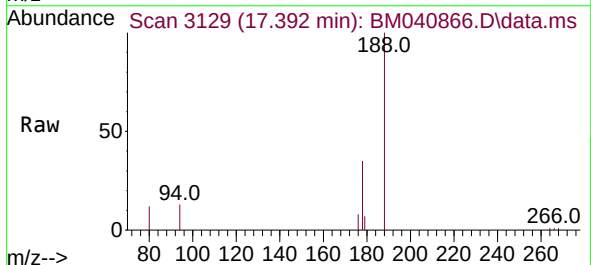
Tgt Ion:178 Resp: 25290
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.5 16.4 24.6

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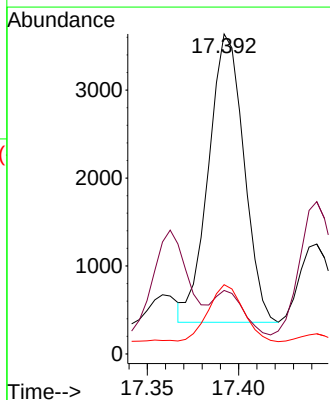
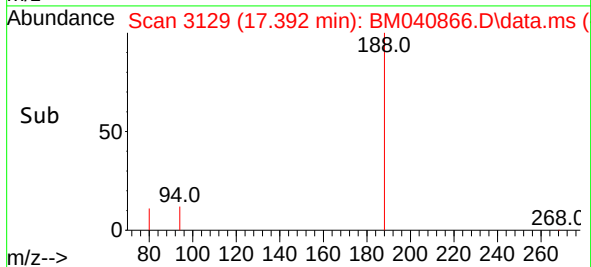
Reviewed By :Yogesh Patel 07/17/2023
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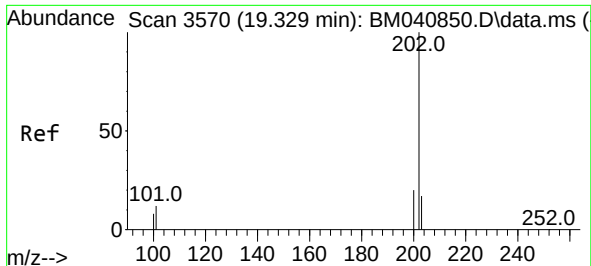


#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34



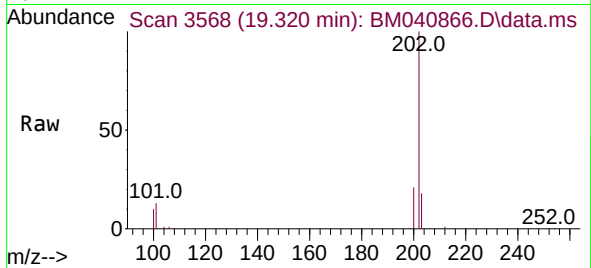
Tgt Ion:178 Resp: 4402
Ion Ratio Lower Upper
178 100
179 19.9 12.9 19.3#
176 21.7 15.8 23.6





#19
Fluoranthene
Concen: 1.209 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

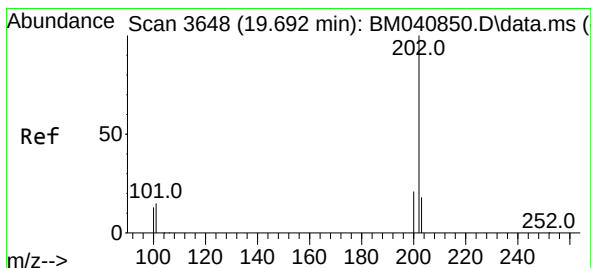
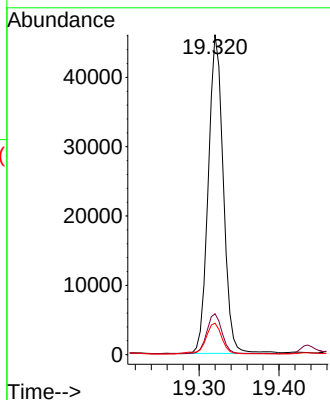
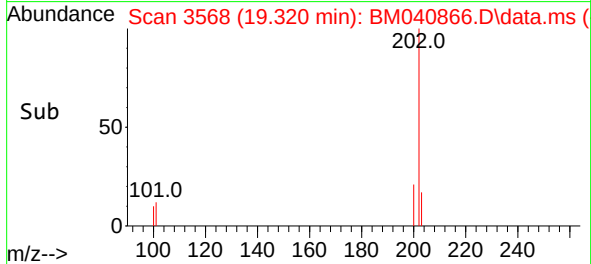
Instrument :
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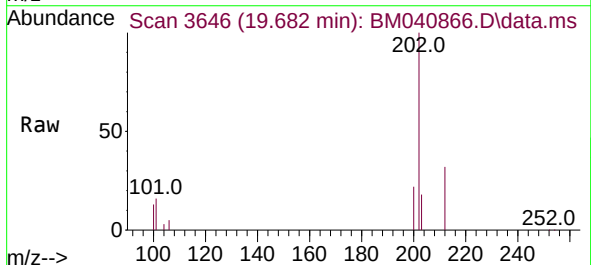
Tgt Ion:202 Resp: 5996
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.8 8.7 13.1

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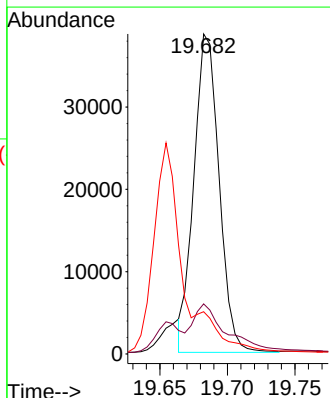
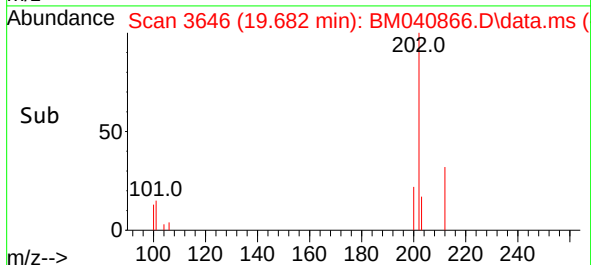
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

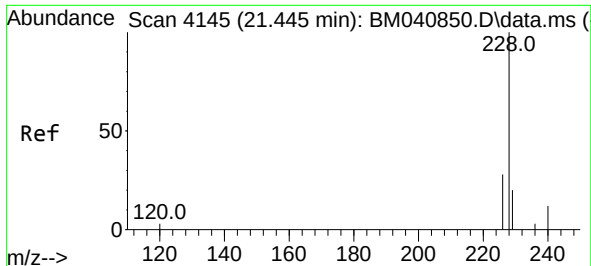


#20
Pyrene
Concen: 0.944 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34



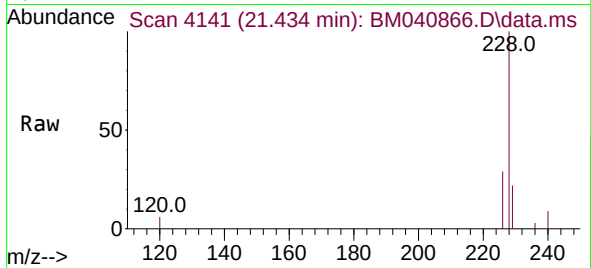
Tgt Ion:202 Resp: 50221
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 13.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.595 ng/u1
RT: 21.434 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

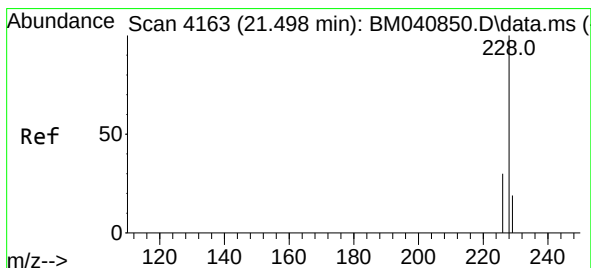
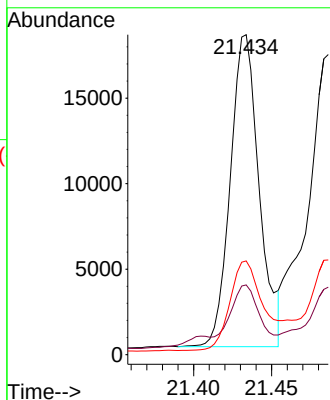
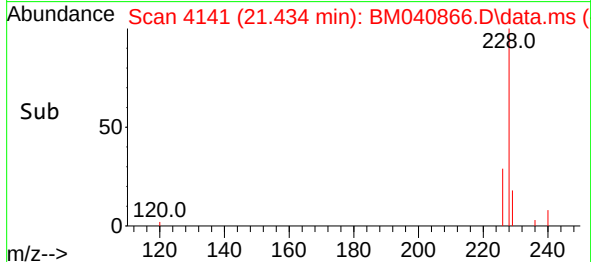
Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:228 Resp: 23500
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 29.3 22.3 33.5

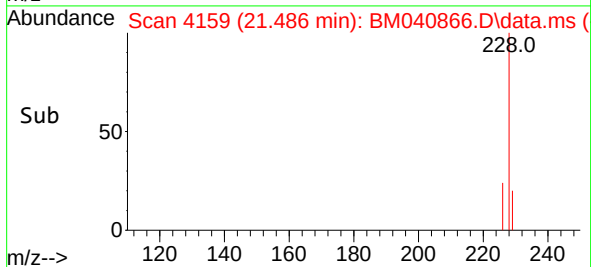
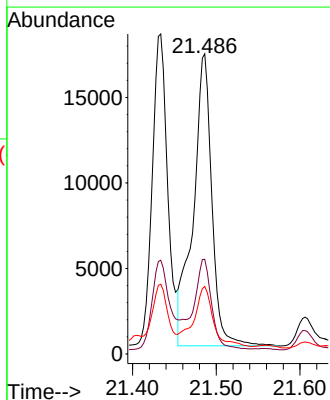
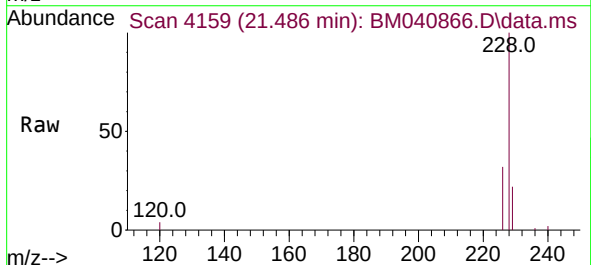
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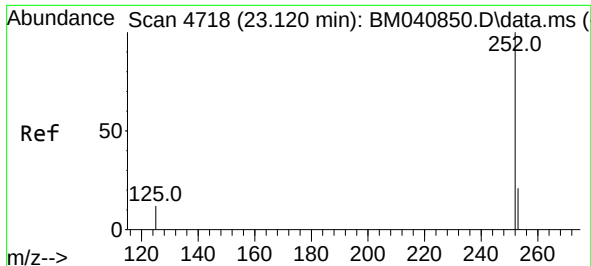
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.588 ng/u1
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

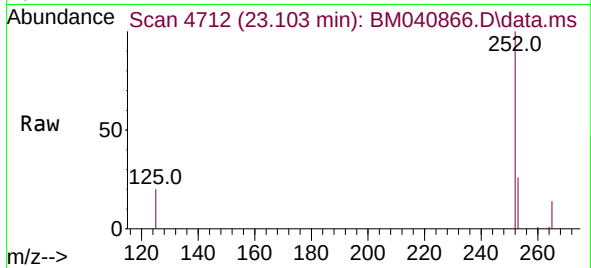
Tgt Ion:228 Resp: 26491
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.719 ng/ul
RT: 23.103 min Scan# 4718
Delta R.T. -0.017 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

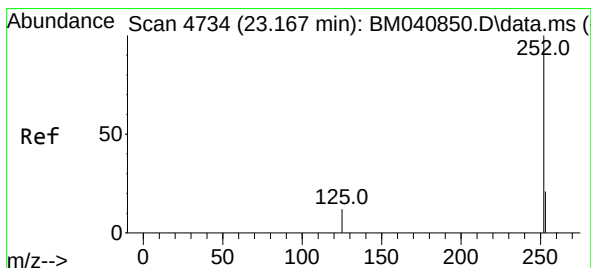
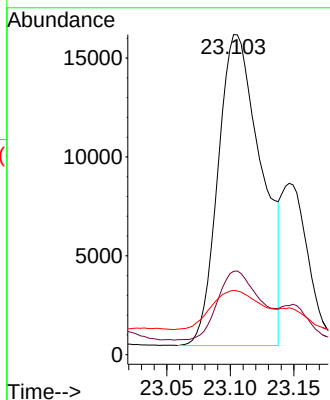
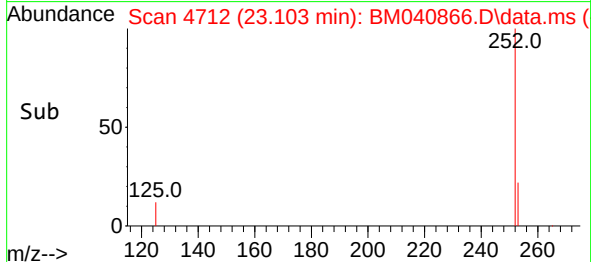
Instrument :
BNA_M
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A46J7



Tgt Ion:252 Resp: 37415
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 20.1 0.0 43.0

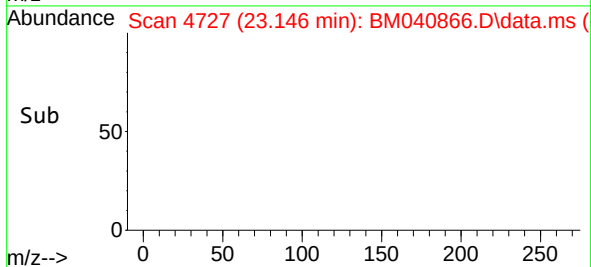
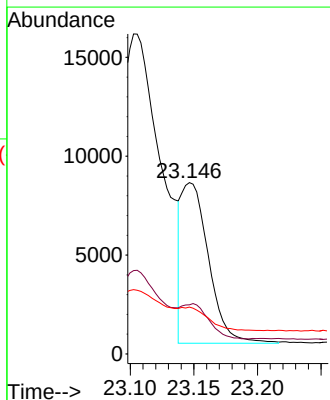
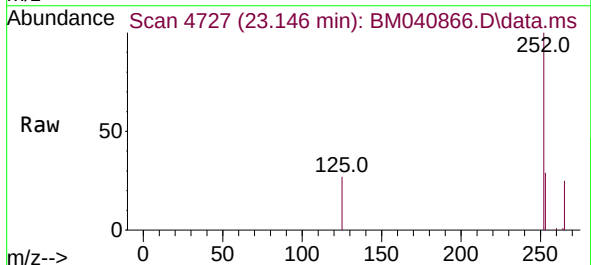
Manual Integrations
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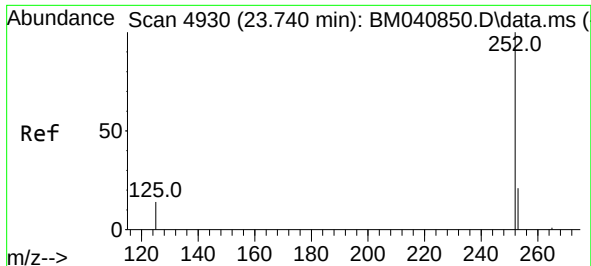
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.020 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

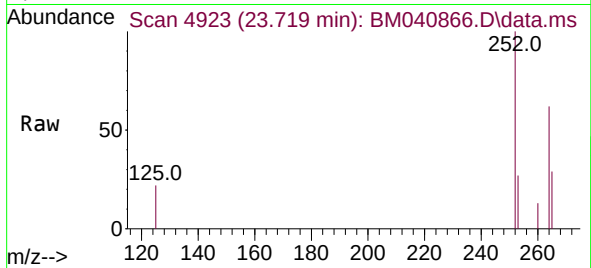
Tgt Ion:252 Resp: 12025
Ion Ratio Lower Upper
252 100
253 28.7 21.2 31.8
125 27.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.551 ng/ul
RT: 23.719 min Scan# 4930
Delta R.T. -0.020 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

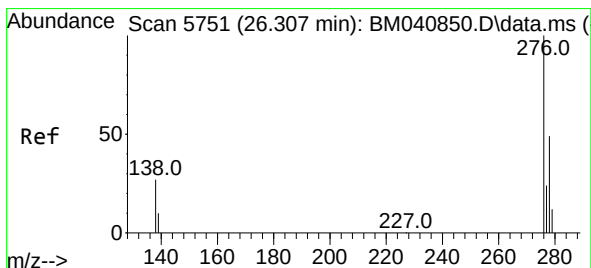
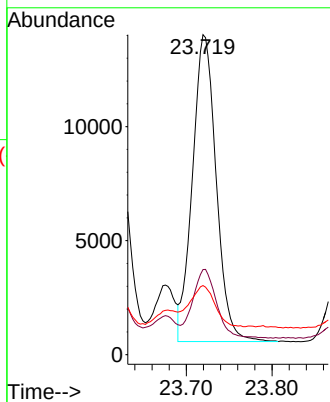
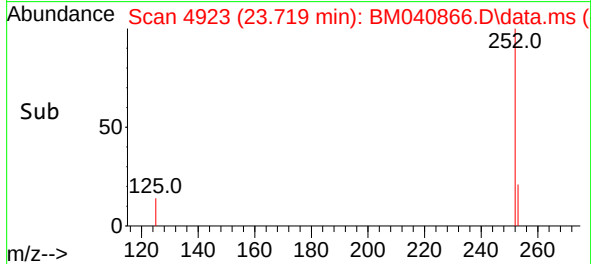
Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:252 Resp: 25830
Ion Ratio Lower Upper
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125 21.6 21.0 31.4

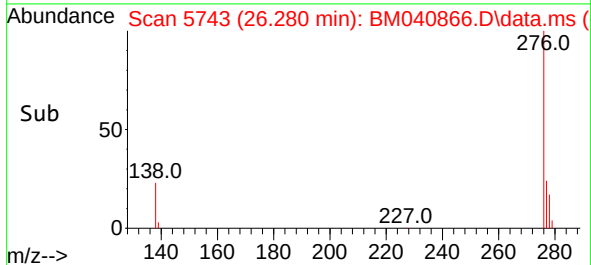
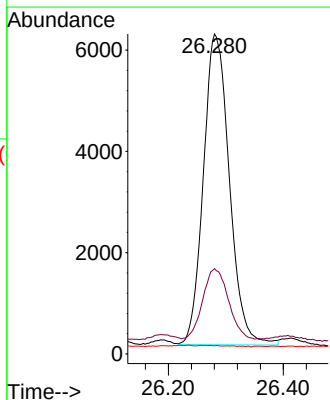
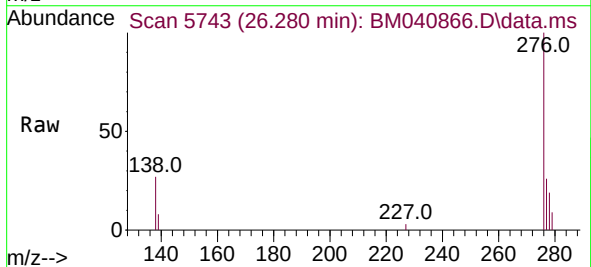
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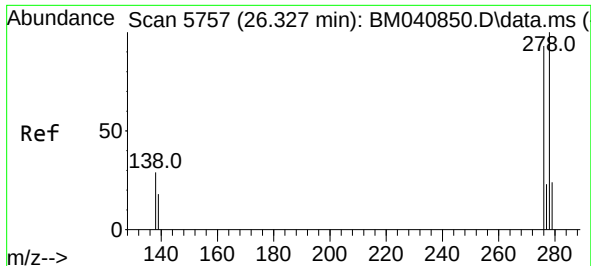
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.027 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

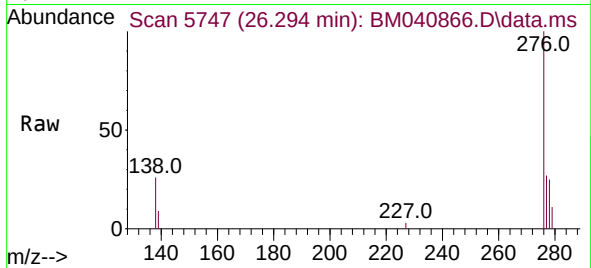
Tgt Ion:276 Resp: 19285
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.294 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

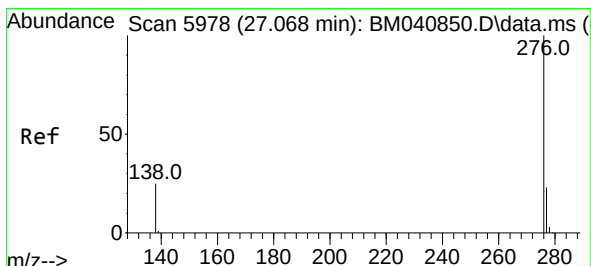
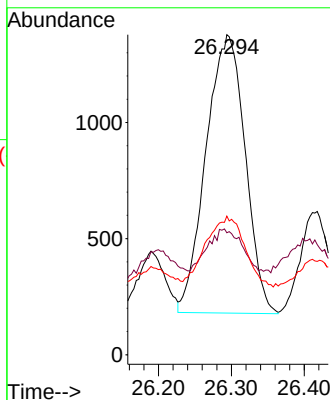
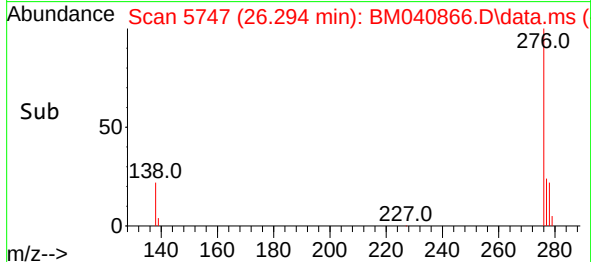
Instrument :
BNA_M
ClientSampleId :
A46J7



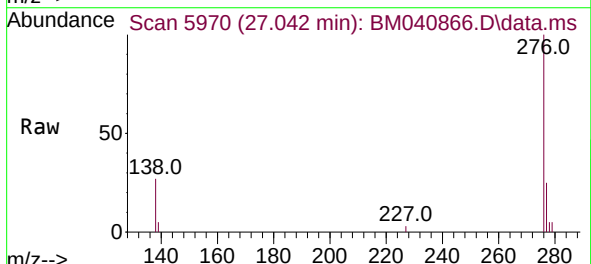
Tgt Ion:278 Resp: 446
Ion Ratio Lower Upper
278 100
139 38.1 17.9 26.9
279 43.3 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.042 min Scan# 5970
Delta R.T. -0.027 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34



Tgt Ion:276 Resp: 20238
Ion Ratio Lower Upper
276 100
138 27.0 23.0 34.6
277 25.1 20.3 30.5

