

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041873.D
 Acq On : 14 Sep 2023 20:39
 Operator : MA/JU
 Sample : 04175-22DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 00:30:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22305	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	11548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	23469	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	9933	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	8654	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1263	0.121	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	306	0.010	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	540	0.016	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	3071	0.041	ng/ul#	89
7) 2-Methylnaphthalene	12.445	142	1855	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1417	0.031	ng/ul	99
11) Acenaphthene	14.684	153	1161	0.021	ng/ul	94
15) Phenanthrene	17.417	178	16926	0.165	ng/ul	98
16) Anthracene	17.506	178	3050	0.034	ng/ul#	82
19) Fluoranthene	19.427	202	31574	0.410	ng/ul	99
20) Pyrene	19.789	202	26261m	0.326	ng/ul	
21) Benzo(a)anthracene	21.527	228	9392	0.143	ng/ul#	62
22) Chrysene	21.582	228	9578	0.143	ng/ul#	59
24) Benzo(b)fluoranthene	23.222	252	11662	0.189	ng/ul#	4
25) Benzo(k)fluoranthene	23.272	252	4216m	0.074	ng/ul	
26) Benzo(a)pyrene	23.862	252	8040	0.171	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.481	276	6904	0.096	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.495	278	1730	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.266	276	5897	0.097	ng/ul#	36

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

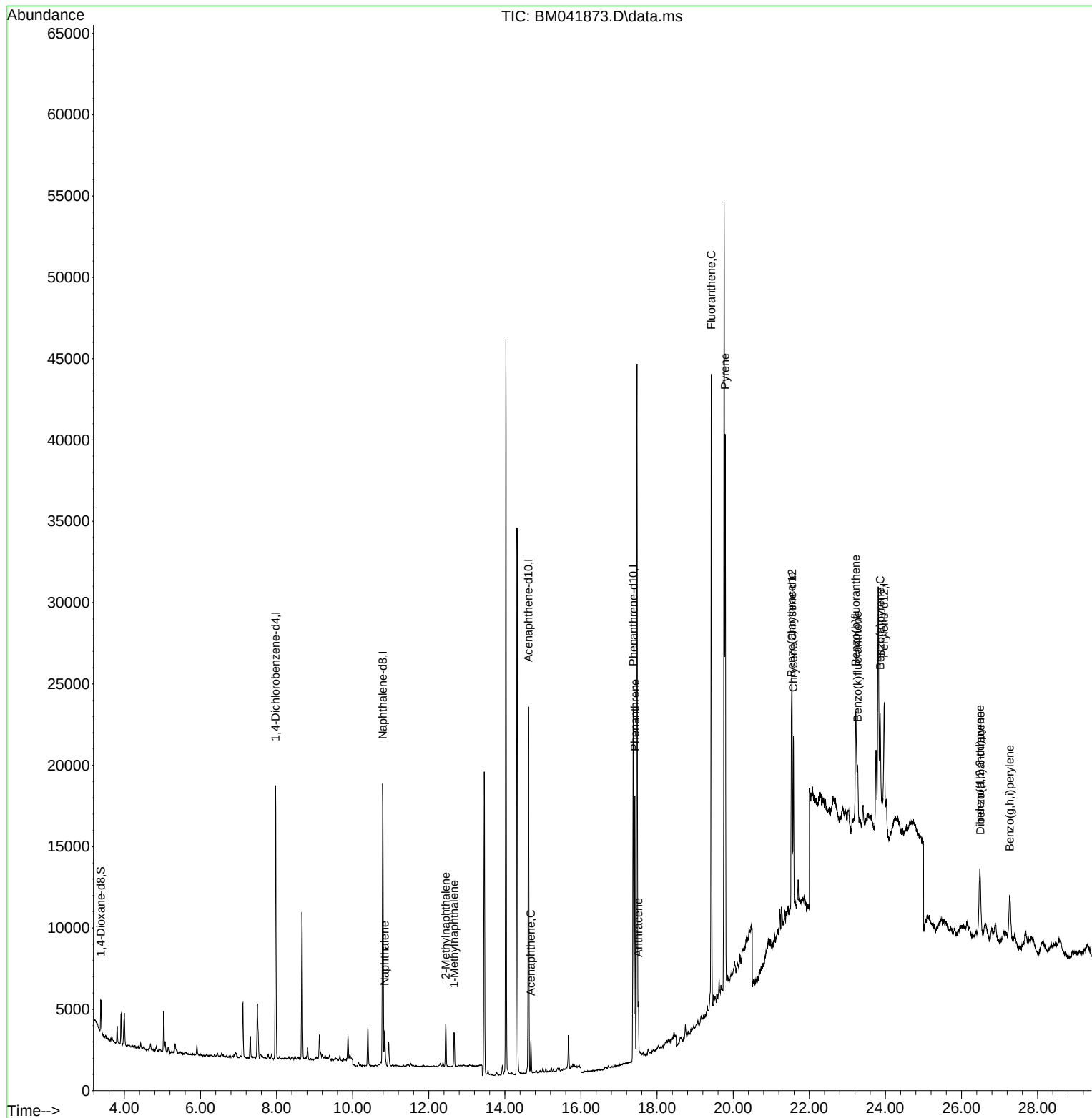
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041873.D
Acq On : 14 Sep 2023 20:39
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ALS Vial : 51 Sample Multiplier: 1

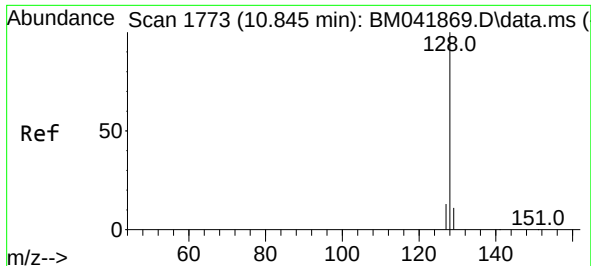
Instrument :
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Quant Time: Sep 15 00:30:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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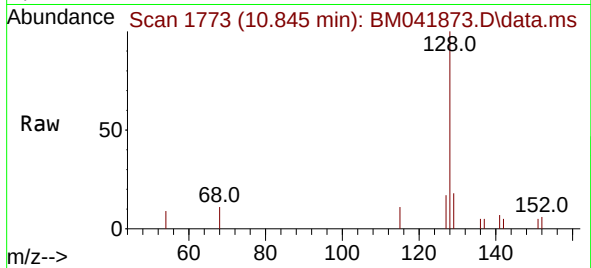
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

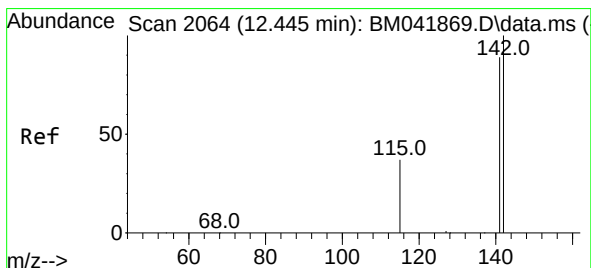
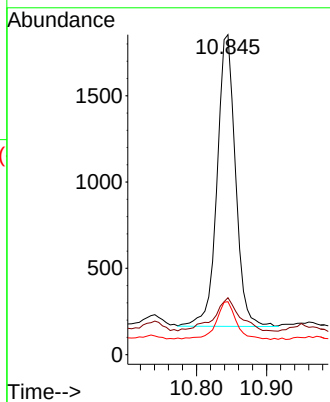
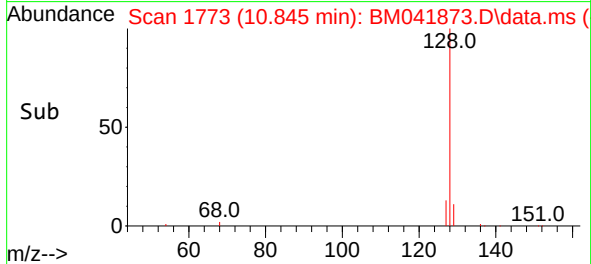
Instrument :
BNA_M
ClientSampleId :
EZYW5DL



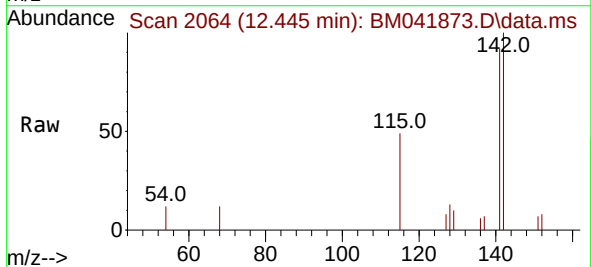
Tgt Ion:128 Resp: 3072
Ion Ratio Lower Upper
128 100
129 17.8 9.5 14.3
127 16.6 10.7 16.1

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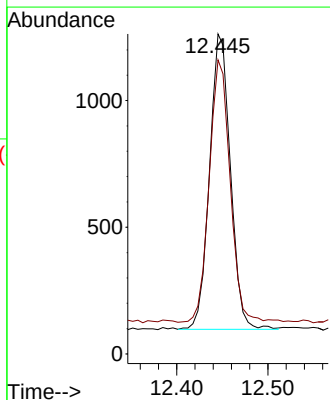
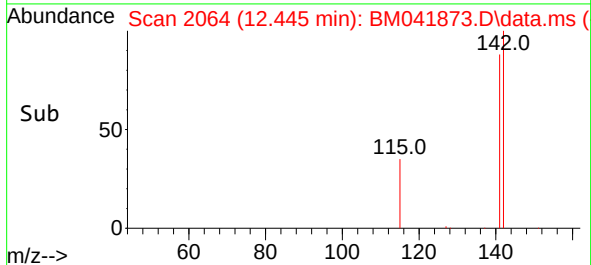
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

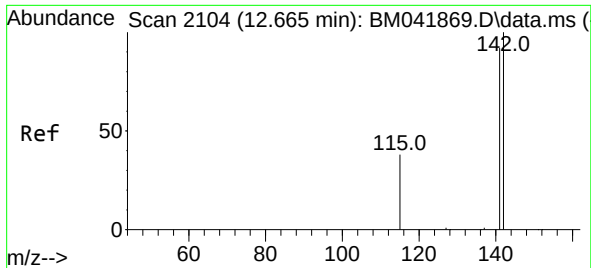


#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39



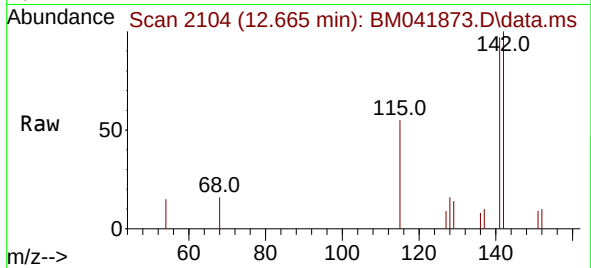
Tgt Ion:142 Resp: 1855
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

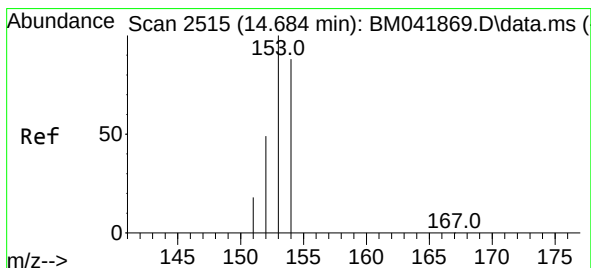
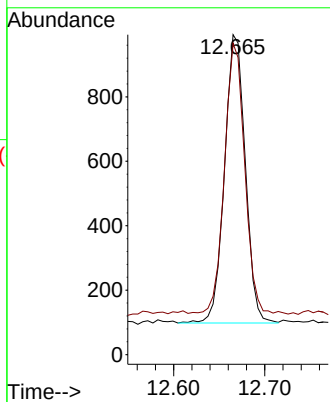
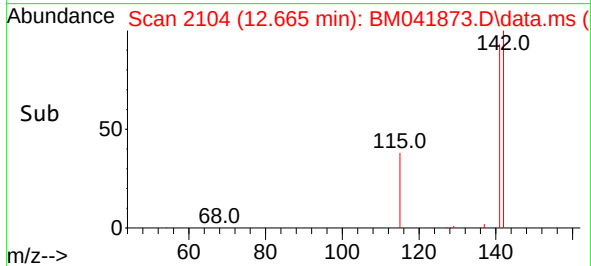
Instrument :
BNA_M
ClientSampleId :
EZYW5DL



Tgt Ion:142 Resp: 141
Ion Ratio Lower Upper
142 100
141 91.5 74.3 111.5

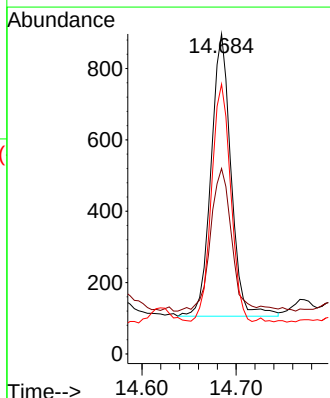
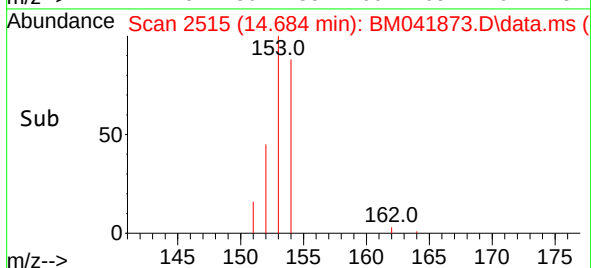
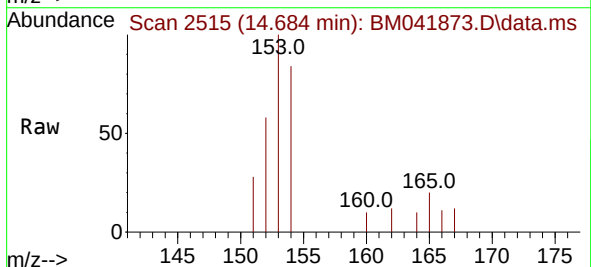
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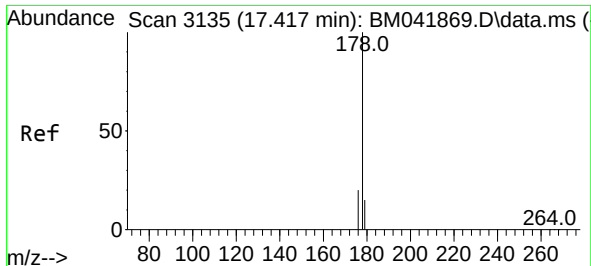
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.684 min Scan# 2515
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

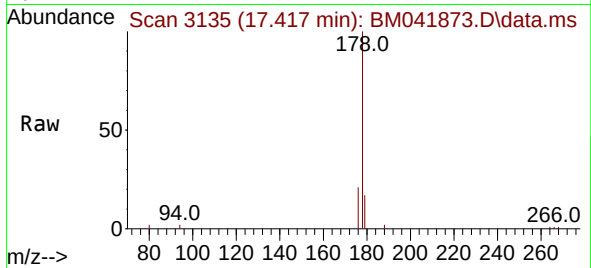
Tgt Ion:153 Resp: 1161
Ion Ratio Lower Upper
153 100
152 58.0 41.5 62.3
154 84.3 70.7 106.1





#15
Phenanthrene
Concen: 0.165 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.008 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

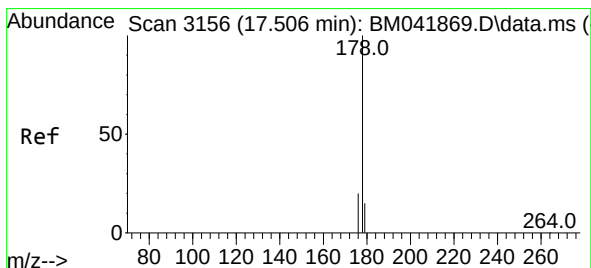
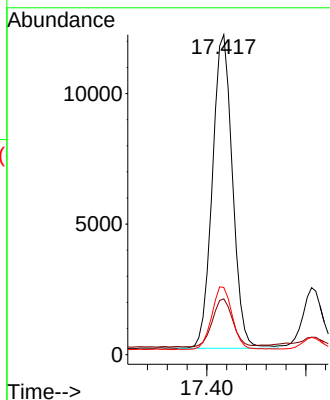
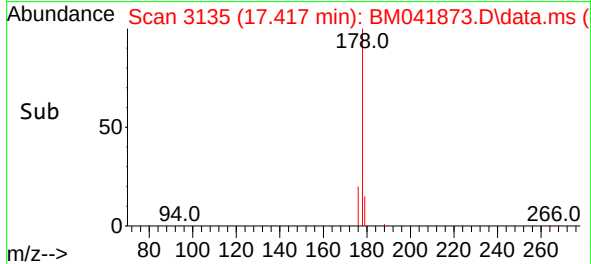
Instrument :
BNA_M
ClientSampleId :
EZYW5DL



Tgt Ion:178 Resp: 16920
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 21.0 16.6 25.0

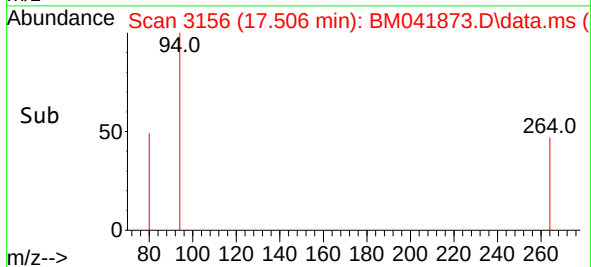
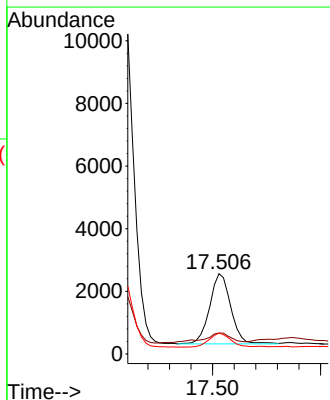
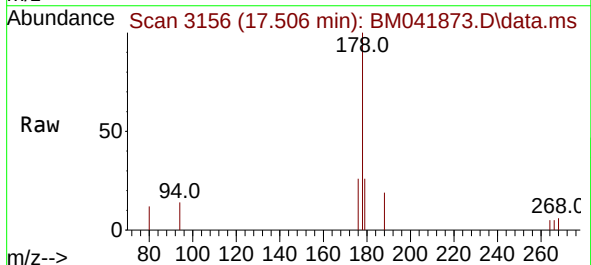
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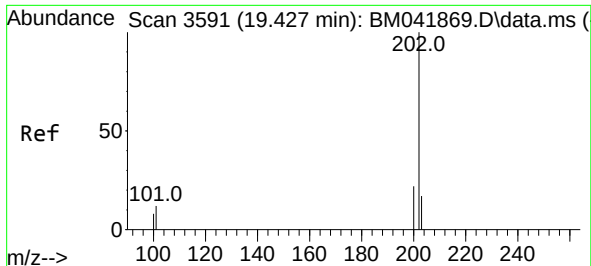
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
Anthracene
Concen: 0.034 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

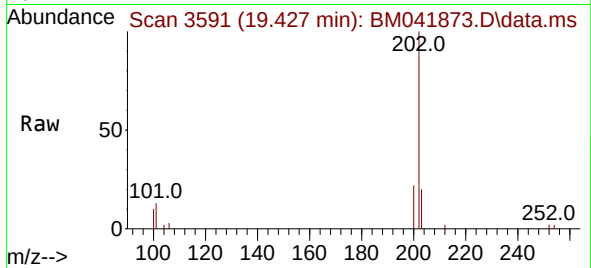
Tgt Ion:178 Resp: 3050
Ion Ratio Lower Upper
178 100
179 26.1 12.7 19.1#
176 26.1 16.1 24.1#





#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. 0.009 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

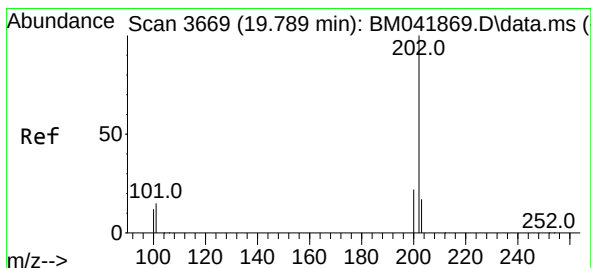
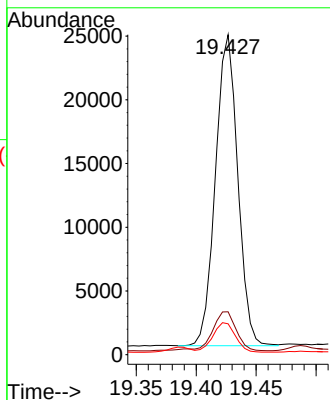
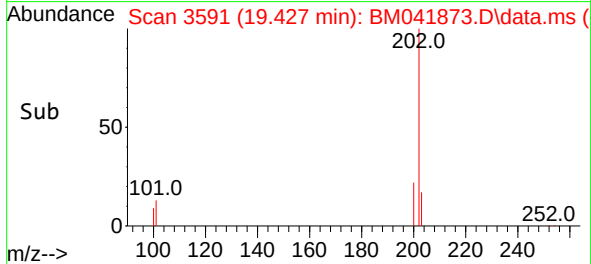
Instrument :
BNA_M
ClientSampleId :
EZYW5DL



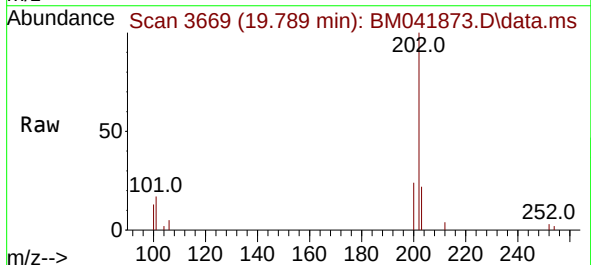
Tgt Ion:202 Resp: 31574
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.6
100 9.7 8.2 12.4

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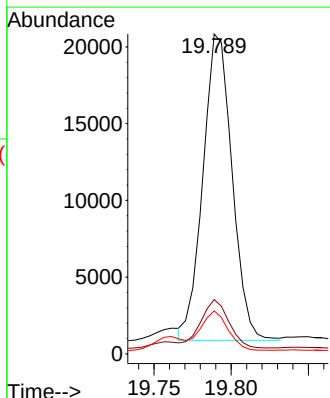
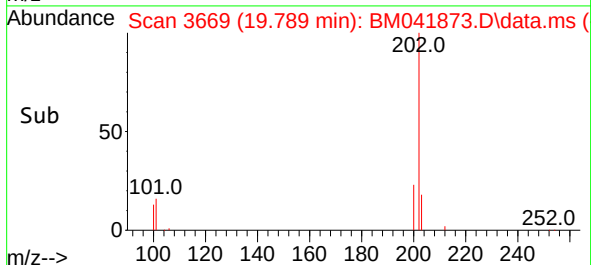
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

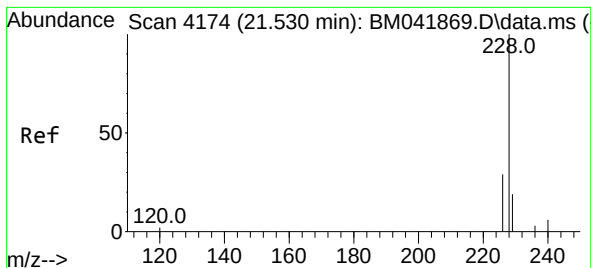


#20
Pyrene
Concen: 0.326 ng/ul m
RT: 19.789 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39



Tgt Ion:202 Resp: 26261
Ion Ratio Lower Upper
202 100
101 17.0 12.6 19.0
100 13.4 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.143 ng/uI

RT: 21.527 min Scan# 4173

Delta R.T. 0.006 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Instrument :

BNA_M

ClientSampleId :

EZYW5DL

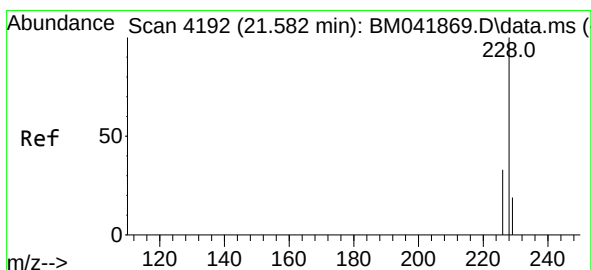
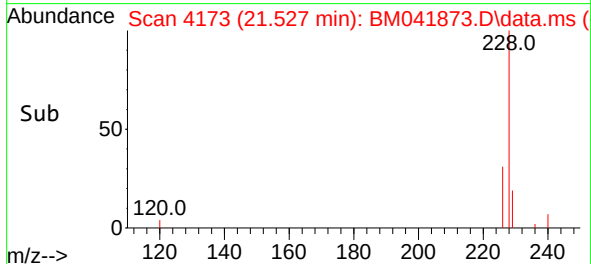
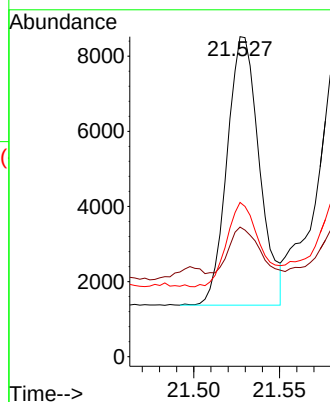
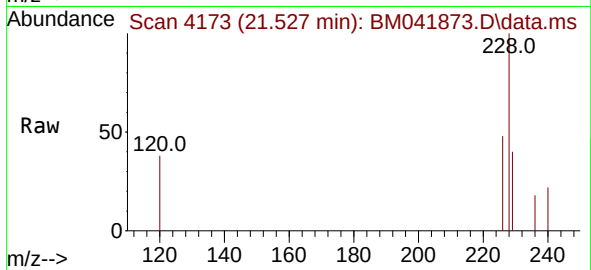
Tgt Ion:	228	Resp:	9392
Ion Ratio	Lower	Upper	
228	100		
229	40.5	15.8	23.8#
226	48.2	24.3	36.5#

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#22

Chrysene

Concen: 0.143 ng/uI

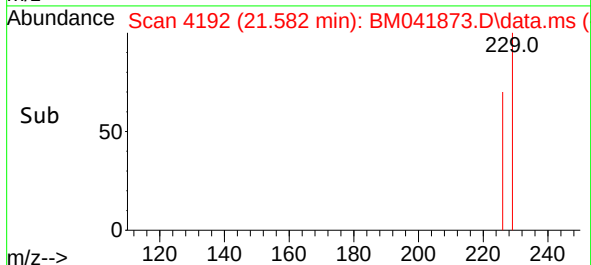
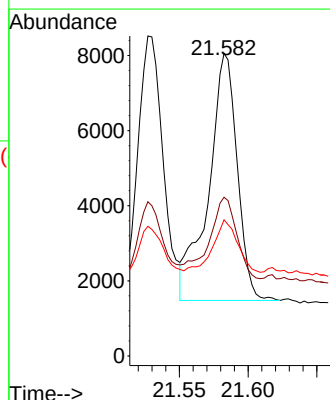
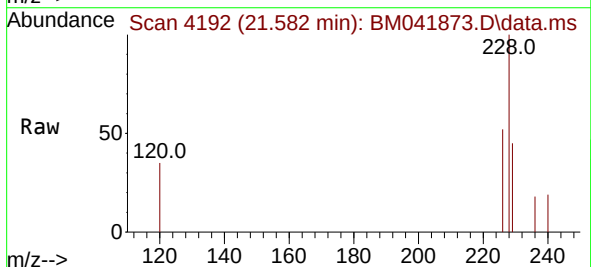
RT: 21.582 min Scan# 4192

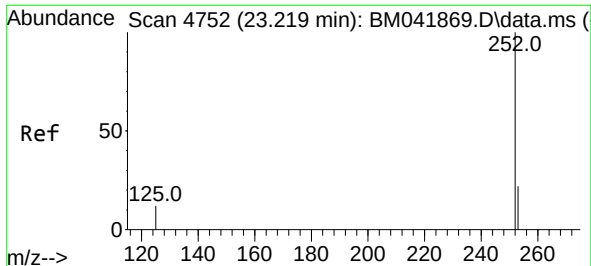
Delta R.T. 0.006 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Tgt Ion:	228	Resp:	9578
Ion Ratio	Lower	Upper	
228	100		
226	52.5	27.0	40.4#
229	45.0	15.7	23.5#





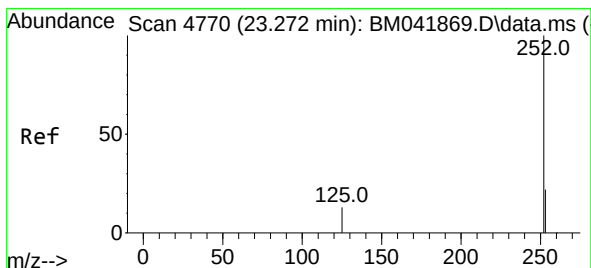
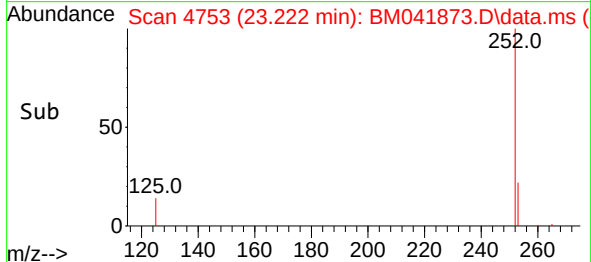
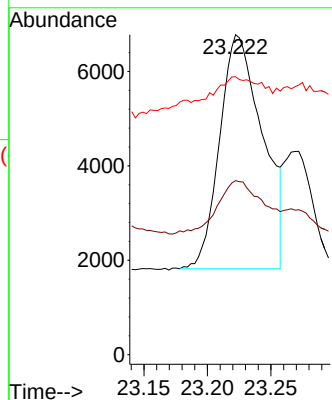
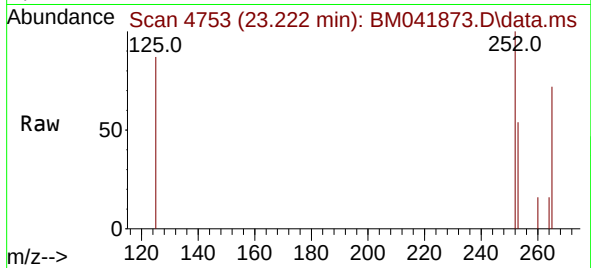
#24
Benzo(b)fluoranthene
Concen: 0.189 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. 0.014 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

Instrument :
BNA_M
ClientSampleId :
EZYW5DL

Tgt Ion:252 Resp: 1166
Ion Ratio Lower Upper
252 100
253 54.4 0.0 51.0#
125 86.9 0.0 39.8#

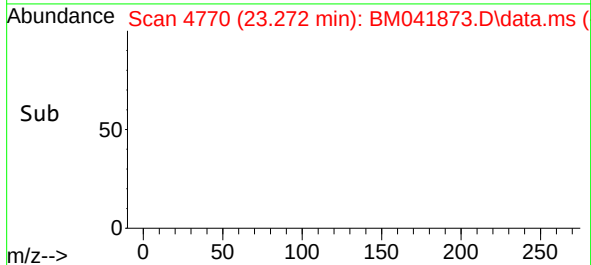
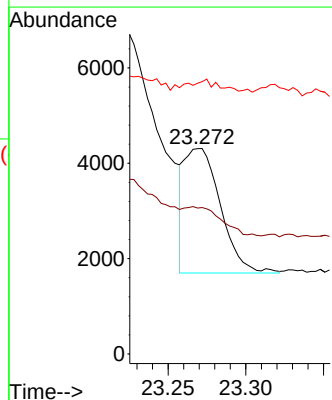
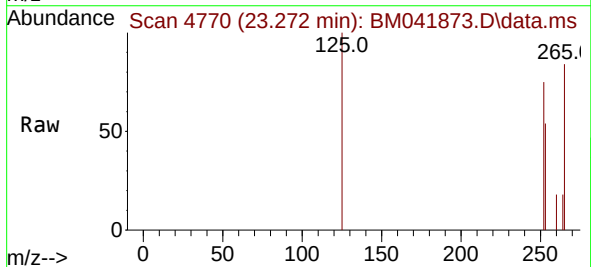
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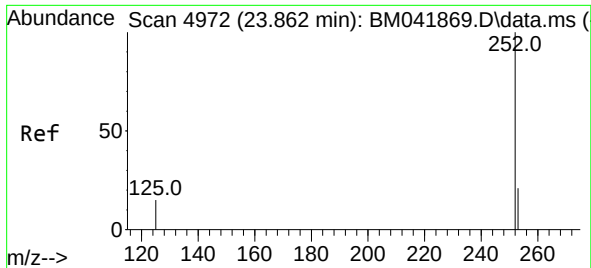
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.272 min Scan# 4770
Delta R.T. 0.012 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

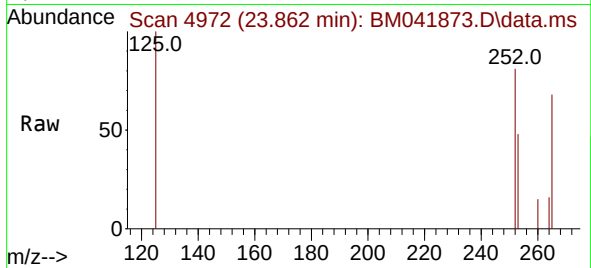
Tgt Ion:252 Resp: 4216
Ion Ratio Lower Upper
252 100
253 71.3 20.2 30.2#
125 132.6 15.8 23.8#





#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.862 min Scan# 4972
Delta R.T. 0.017 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

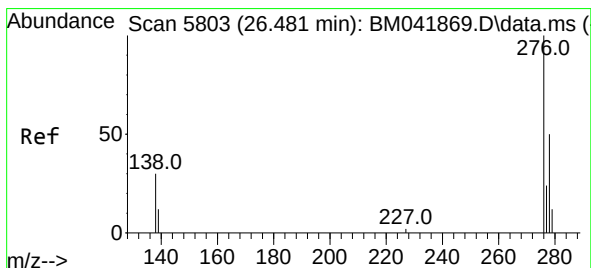
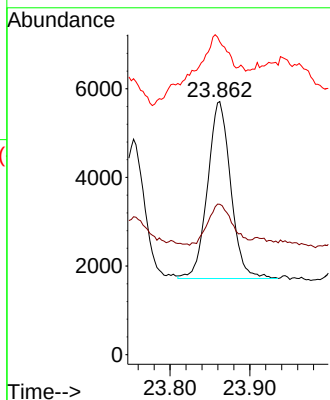
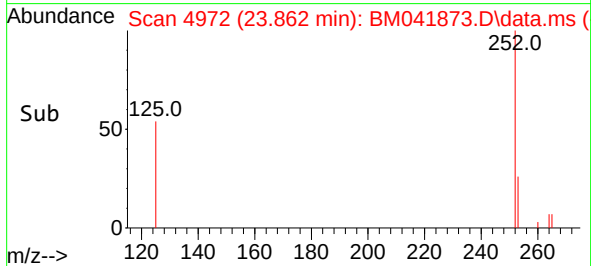
Instrument :
BNA_M
ClientSampleId :
EZYW5DL



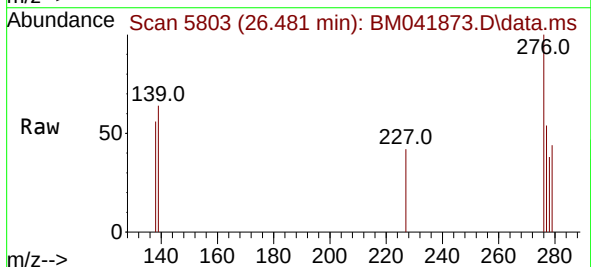
Tgt Ion:252 Resp: 8040
Ion Ratio Lower Upper
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253 59.4 21.8 32.8
125 123.5 18.8 28.2

Manual Integrations
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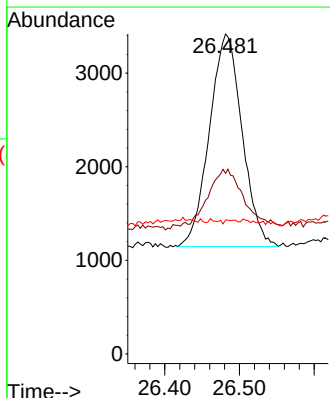
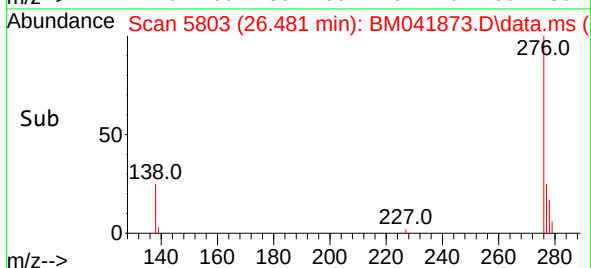
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

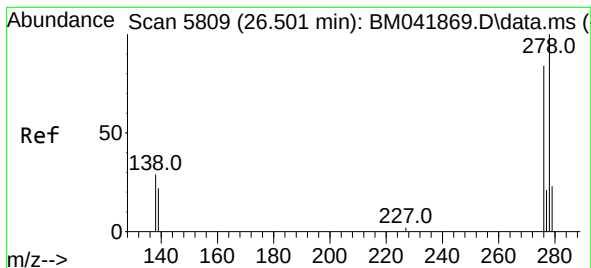


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 26.481 min Scan# 5803
Delta R.T. 0.027 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39



Tgt Ion:276 Resp: 6904
Ion Ratio Lower Upper
276 100
138 27.7 27.7 41.5#
227 0.7 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.032 ng/ul

RT: 26.495 min Scan# 5809

Delta R.T. 0.020 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Instrument :

BNA_M

ClientSampleId :

EZYW5DL

Tgt Ion:278 Resp: 1730

Ion Ratio Lower Upper

278 100

139 162.3 20.9 31.3

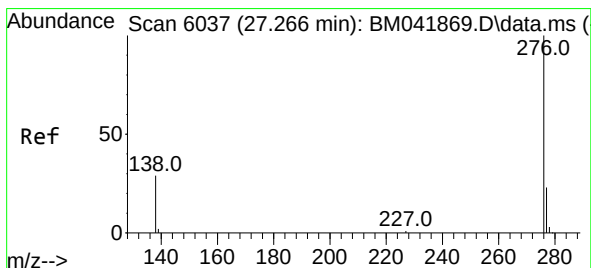
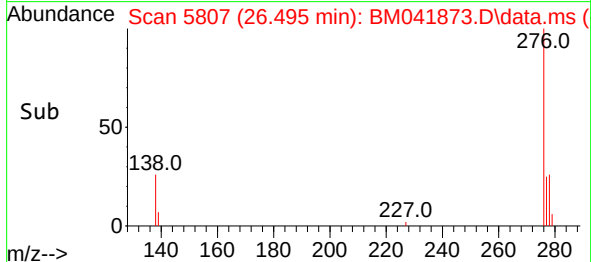
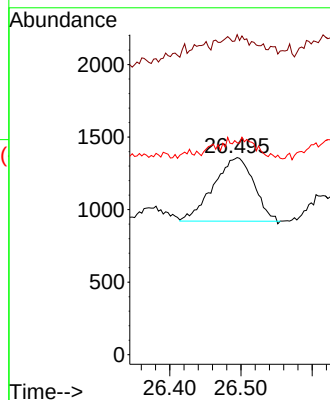
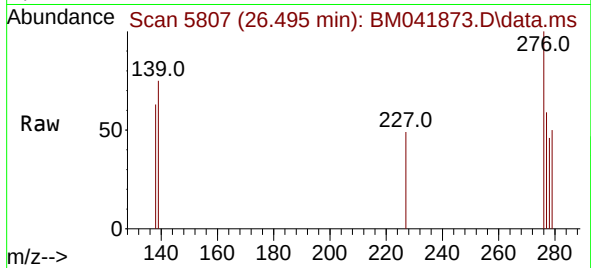
279 107.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#29

Benzo(g,h,i)perylene

Concen: 0.097 ng/ul

RT: 27.266 min Scan# 6037

Delta R.T. 0.030 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Tgt Ion:276 Resp: 5897

Ion Ratio Lower Upper

276 100

138 64.0 24.7 37.1#

277 57.8 19.3 28.9#

