

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041847.D
 Acq On : 14 Sep 2023 01:33
 Operator : MA/JU
 Sample : 04235-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 03:39:27 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	7.971	152	8168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	21737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	12136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	27041	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.536	240	14594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	15973	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	1937	0.186	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	484	0.016	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1152	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	28229	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.440	142	22224	0.505	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	22917	0.510	ng/ul	100
10) Acenaphthylene	14.338	152	1873	0.025	ng/ul#	42
11) Acenaphthene	14.675	153	15159	0.260	ng/ul	98
12) Fluorene	15.661	166	22586	0.332	ng/ul	97
15) Phenanthrene	17.409	178	96339	0.816	ng/ul	98
16) Anthracene	17.498	178	10230	0.099	ng/ul#	84
19) Fluoranthene	19.417	202	64618	0.572	ng/ul	99
20) Pyrene	19.780	202	74549	0.630	ng/ul#	93
21) Benzo(a)anthracene	21.518	228	14717	0.153	ng/ul#	55
22) Chrysene	21.574	228	33306m	0.338	ng/ul	
24) Benzo(b)fluoranthene	23.211	252	16185	0.142	ng/ul#	1
25) Benzo(k)fluoranthene	23.255	252	6065m	0.058	ng/ul	
26) Benzo(a)pyrene	23.845	252	9394	0.108	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.445	276	6987	0.052	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.465	278	2303	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	27.233	276	7096	0.063	ng/ul#	59

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

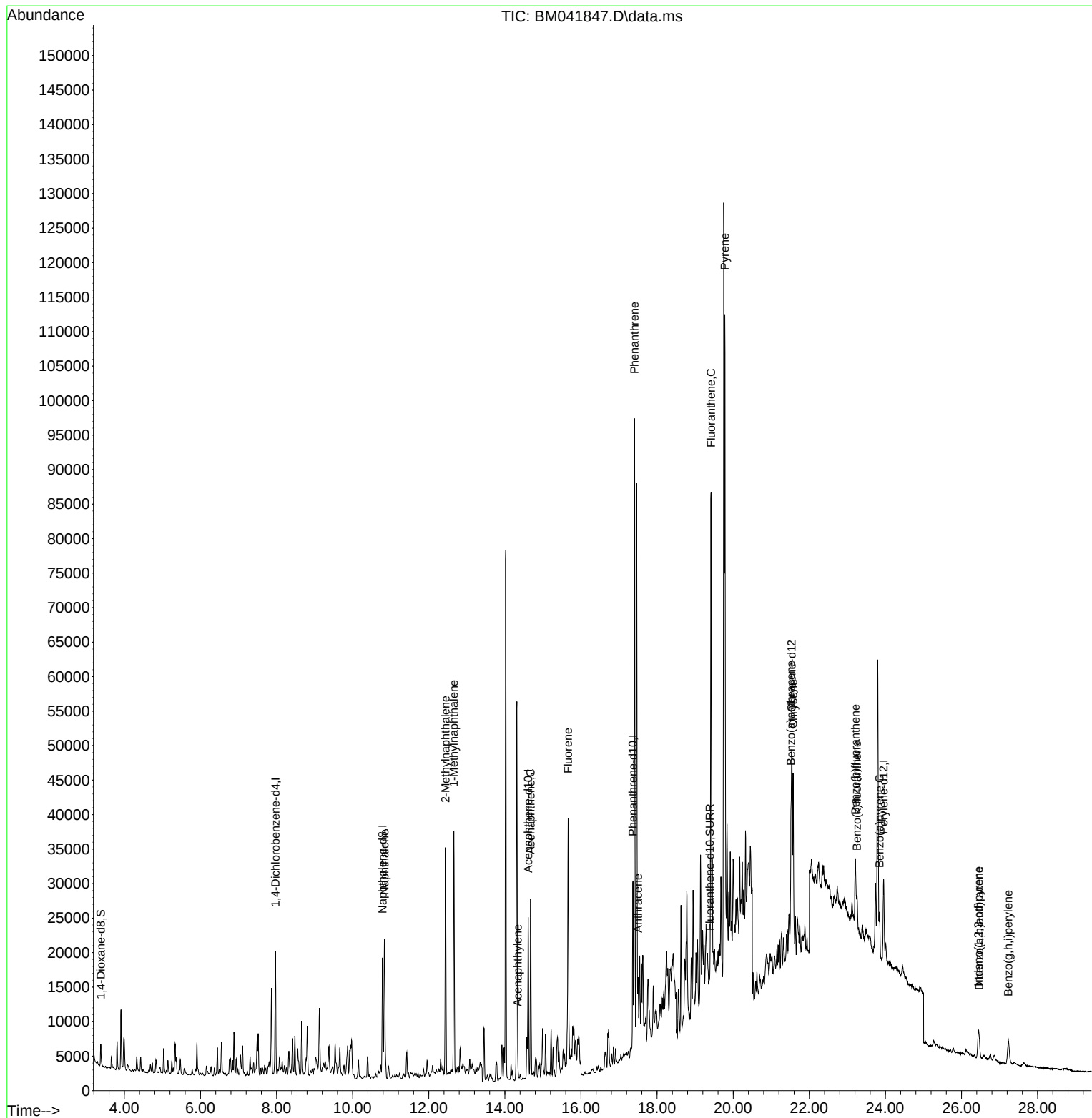
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041847.D
Acq On : 14 Sep 2023 01:33
Operator : MA/JU
Sample : 04235-10DL 5X
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ALS Vial : 23 Sample Multiplier: 1

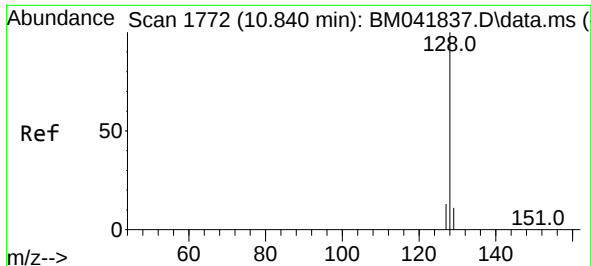
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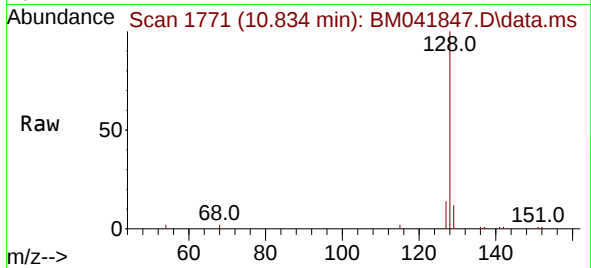
Quant Time: Sep 14 03:39:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

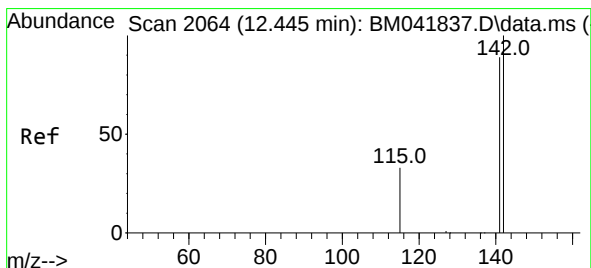
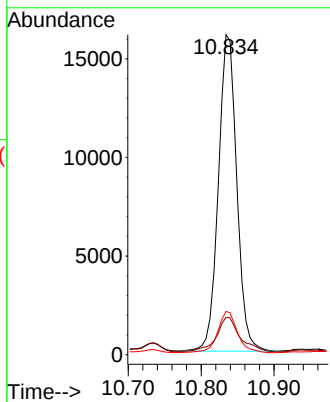
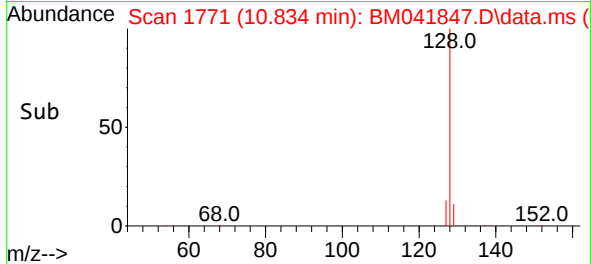
Instrument :
BNA_M
ClientSampleId :
EZYK1DL



Tgt Ion:128 Resp: 28229
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.5 10.7 16.1

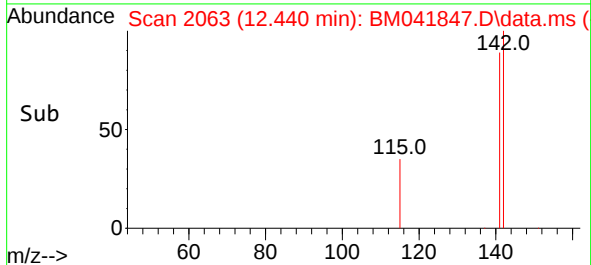
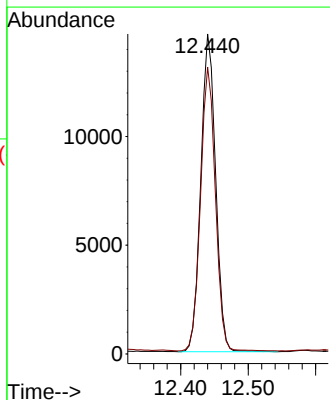
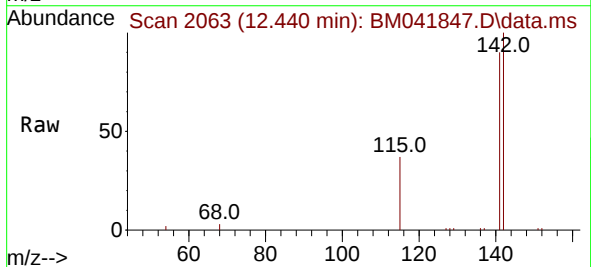
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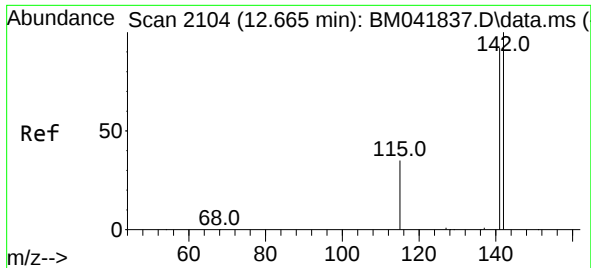
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

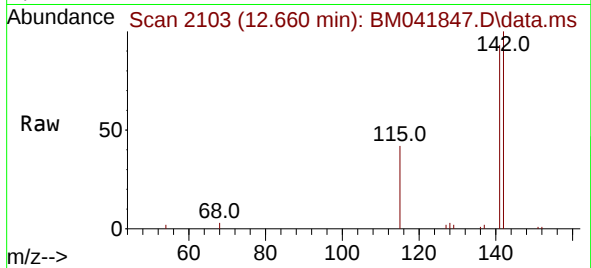
Tgt Ion:142 Resp: 22224
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.510 ng/ul
RT: 12.660 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

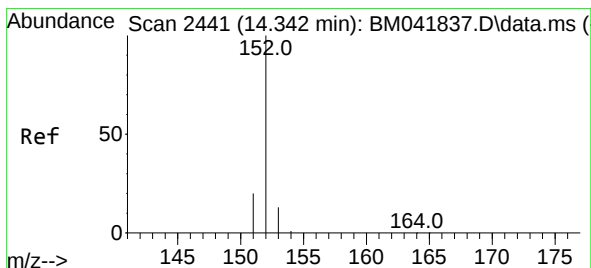
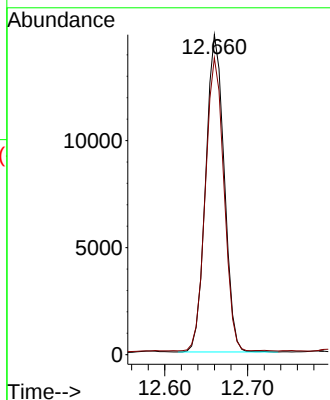
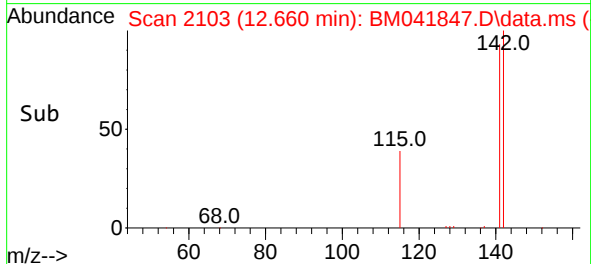
Instrument :
BNA_M
ClientSampleId :
EZYK1DL



Tgt Ion:142 Resp: 2291
Ion Ratio Lower Upper
142 100
141 92.7 74.3 111.5

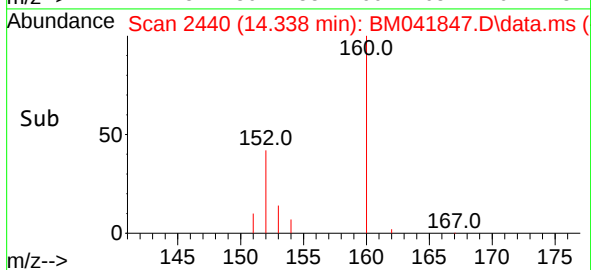
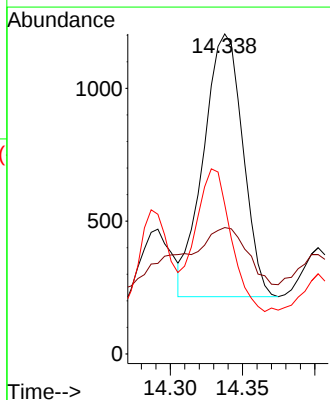
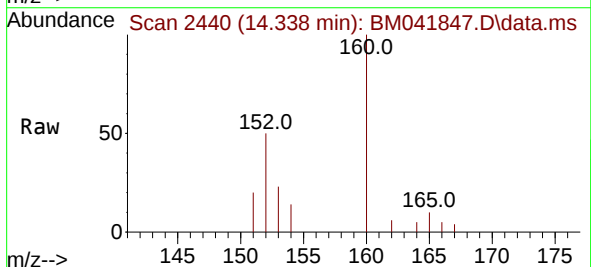
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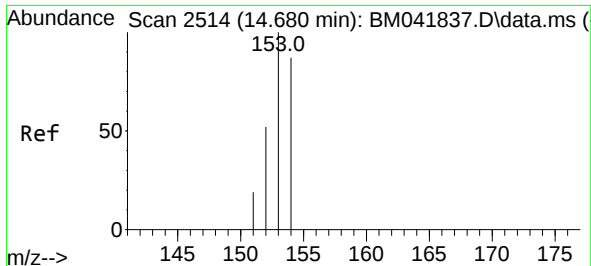
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

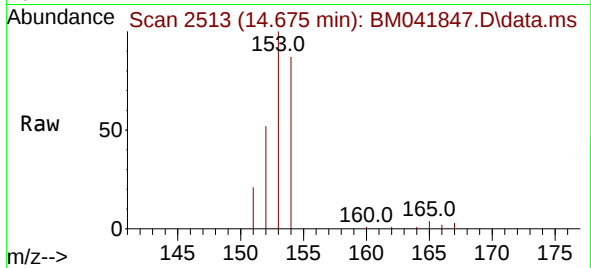
Tgt Ion:152 Resp: 1873
Ion Ratio Lower Upper
152 100
151 39.5 16.3 24.5#
153 46.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.675 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

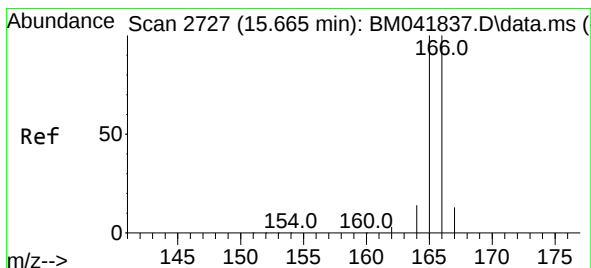
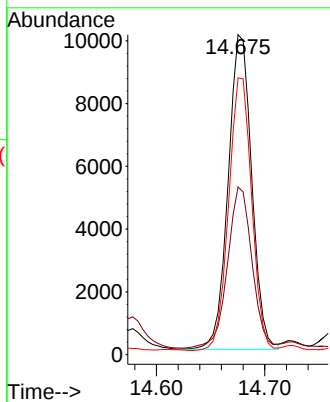
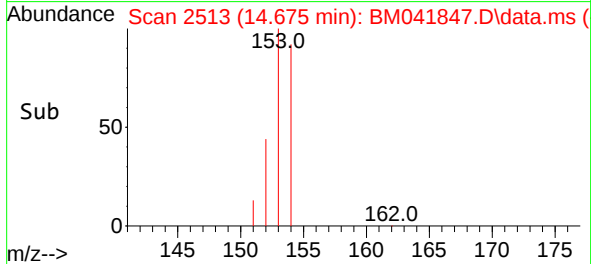
Instrument :
BNA_M
ClientSampleId :
EZYK1DL



Tgt Ion:153 Resp: 1515
Ion Ratio Lower Upper
153 100
152 52.4 41.5 62.3
154 86.5 70.7 106.1

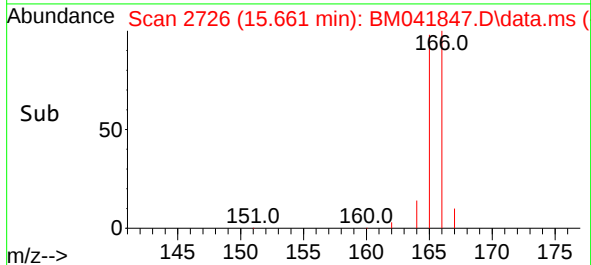
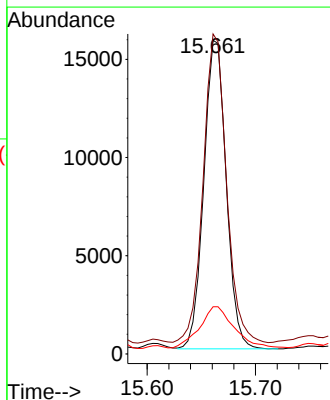
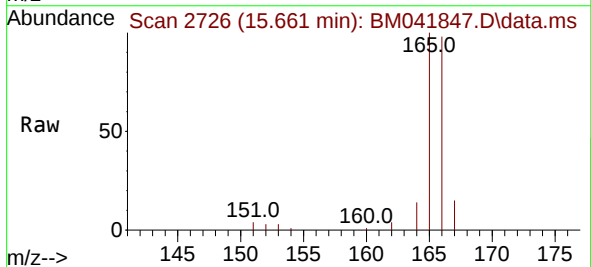
Manual Integrations
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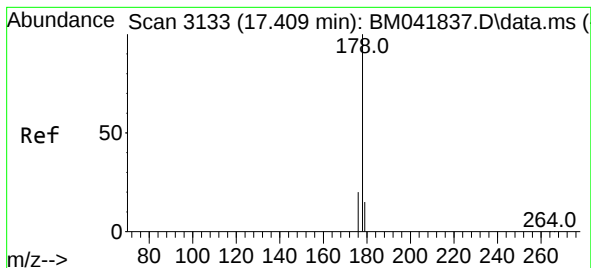
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Tgt Ion:166 Resp: 22586
Ion Ratio Lower Upper
166 100
165 102.0 79.3 118.9
167 15.1 11.2 16.8





#15

Phenanthrene

Concen: 0.816 ng/ul

RT: 17.409 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

Instrument :

BNA_M

ClientSampleId :

EZYK1DL

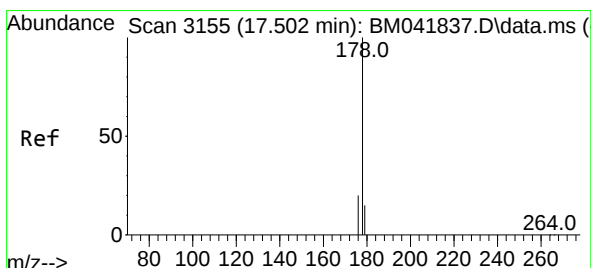
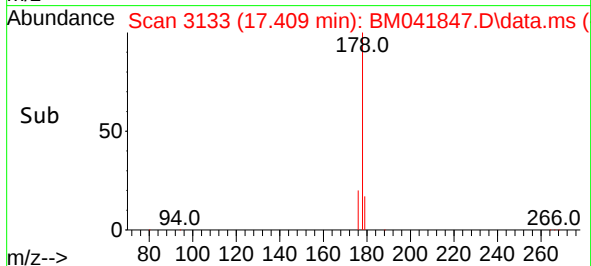
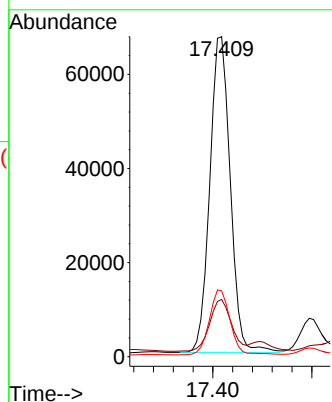
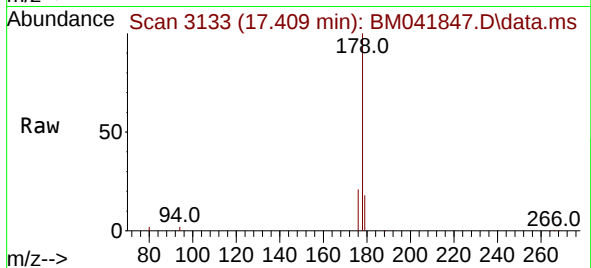
Tgt Ion:	178	Resp:	96339
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.6	19.0
176	20.6	16.6	25.0

Manual Integrations

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Supervised By :mohammad ahmed 09/15/2023



#16

Anthracene

Concen: 0.099 ng/ul

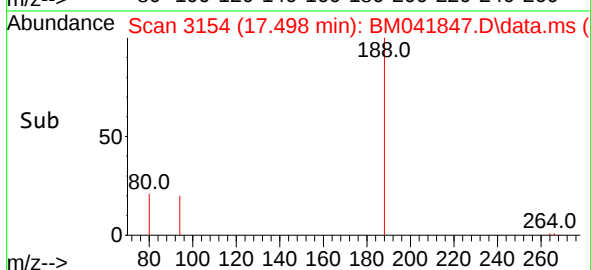
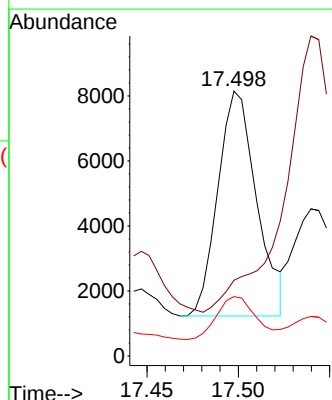
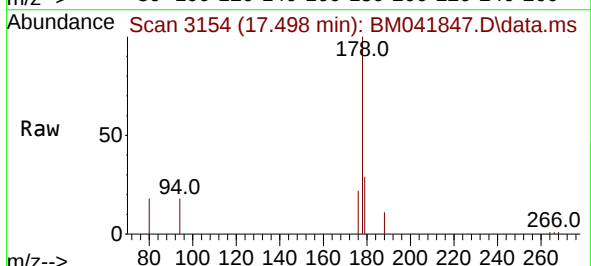
RT: 17.498 min Scan# 3154

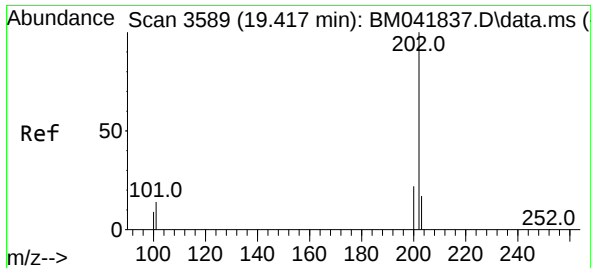
Delta R.T. -0.004 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

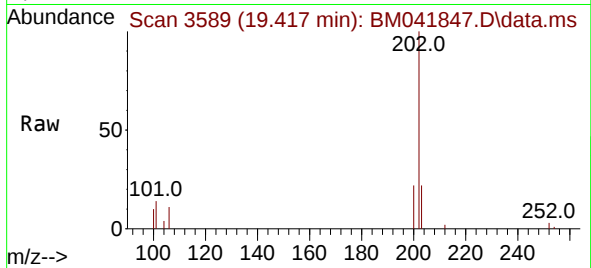
Tgt Ion:	178	Resp:	10230
Ion Ratio	Lower	Upper	
178	100		
179	28.6	12.7	19.1
176	22.4	16.1	24.1





#19
Fluoranthene
Concen: 0.572 ng/u1
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

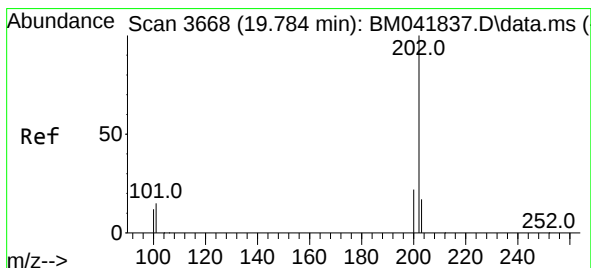
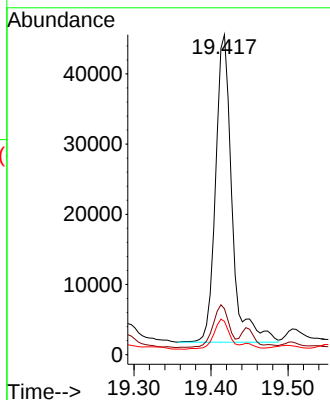
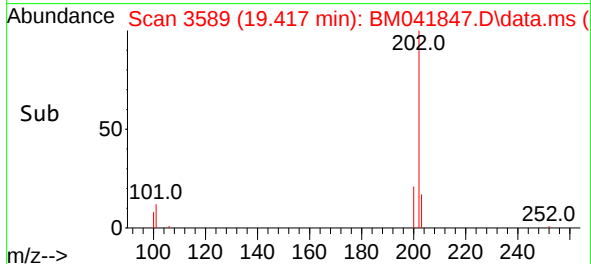
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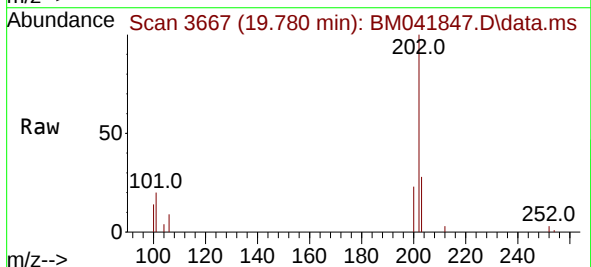
Tgt Ion:202 Resp: 64618
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.6
100 10.4 8.2 12.4

Manual Integrations
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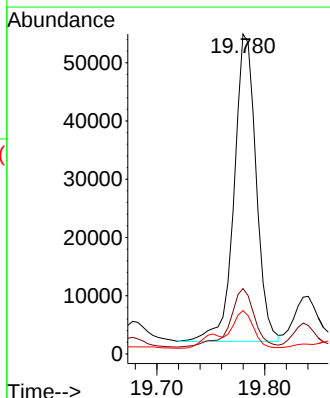
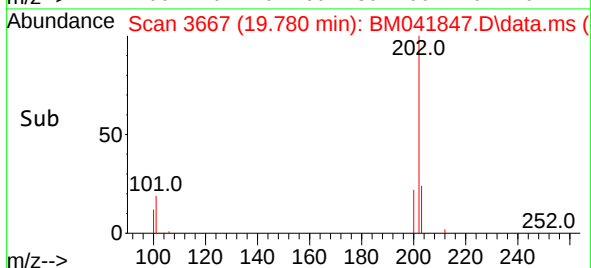
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

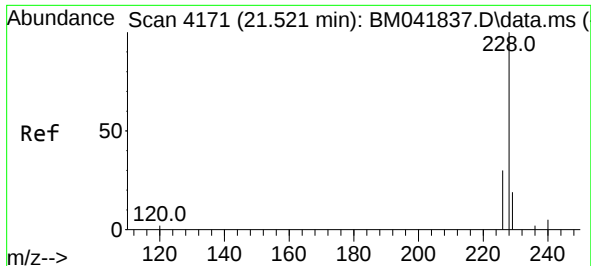


#20
Pyrene
Concen: 0.630 ng/u1
RT: 19.780 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33



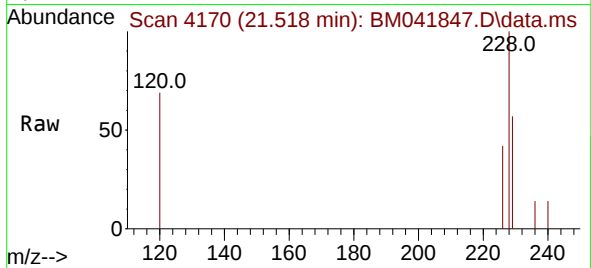
Tgt Ion:202 Resp: 74549
Ion Ratio Lower Upper
202 100
101 20.4 12.6 19.0#
100 13.6 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.153 ng/ul
RT: 21.518 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

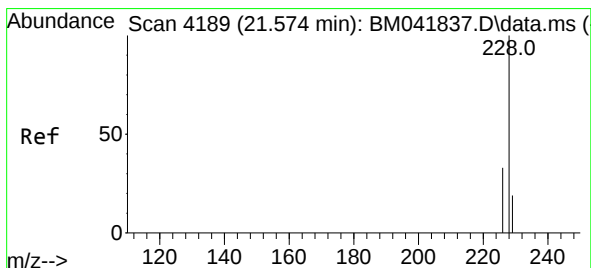
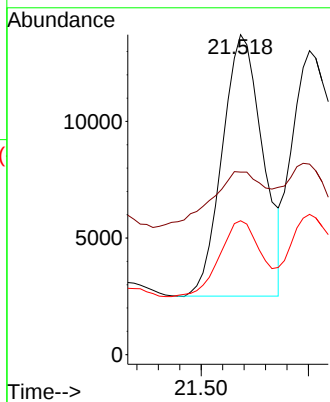
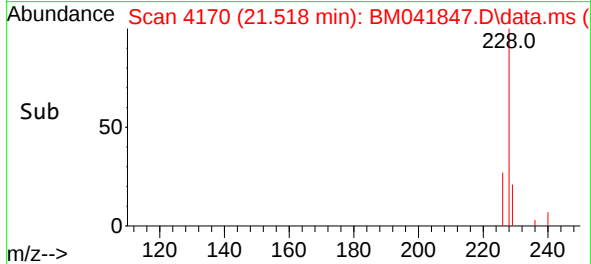
Instrument :
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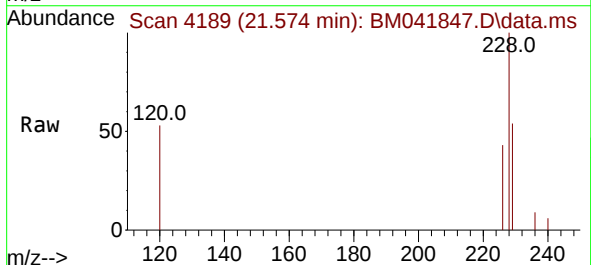
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Ion Ratio Lower Upper
228 100
229 57.0 15.8 23.8#
226 41.9 24.3 36.5#

Manual Integrations
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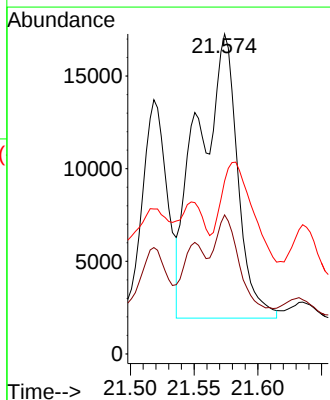
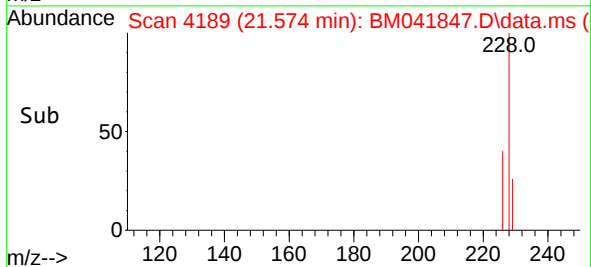
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

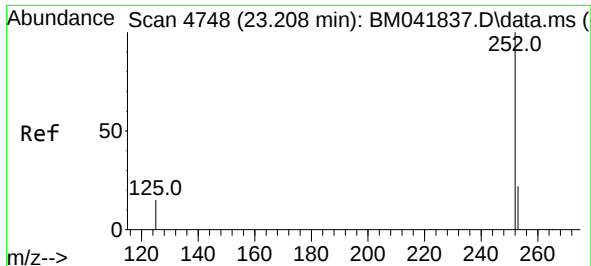


#22
Chrysene
Concen: 0.338 ng/ul m
RT: 21.574 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33



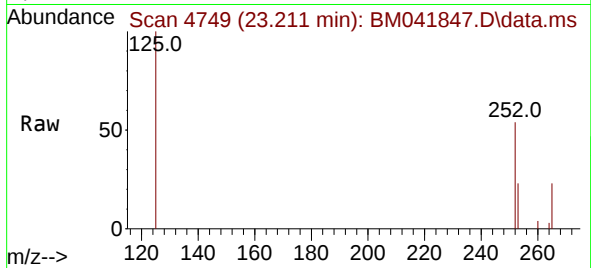
Tgt Ion:228 Resp: 33306
Ion Ratio Lower Upper
228 100
226 43.4 27.0 40.4#
229 54.1 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.142 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

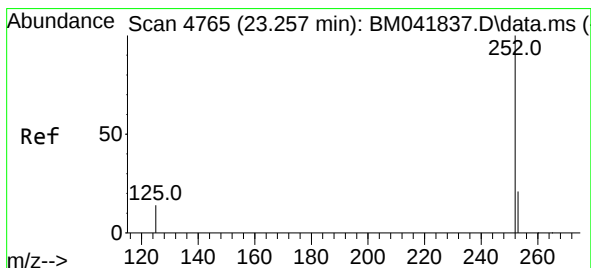
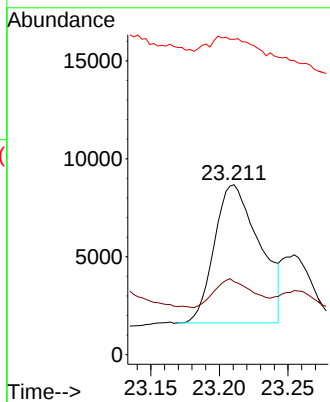
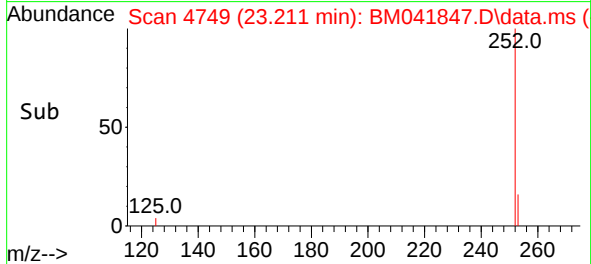
Instrument :
BNA_M
ClientSampleId :
EZYK1DL



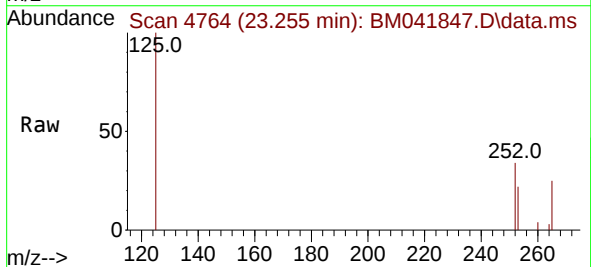
Tgt Ion:252 Resp: 1618
Ion Ratio Lower Upper
252 100
253 42.9 0.0 51.0
125 185.5 0.0 39.8

Manual Integrations
APPROVED

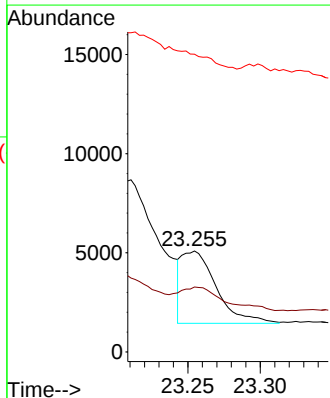
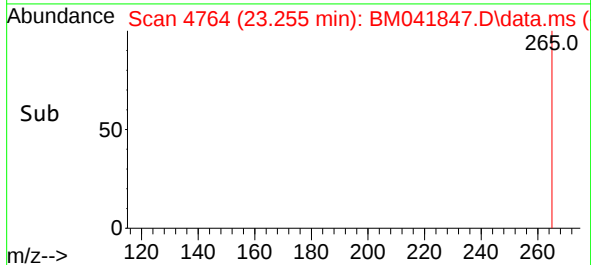
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

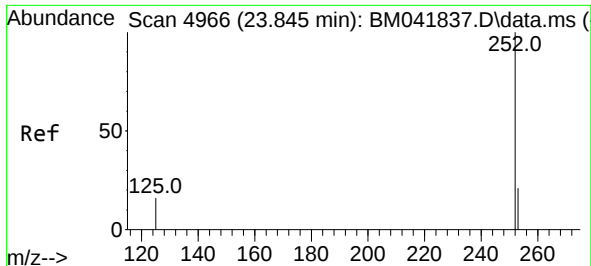


#25
Benzo(k)fluoranthene
Concen: 0.058 ng/ul m
RT: 23.255 min Scan# 4764
Delta R.T. -0.006 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33



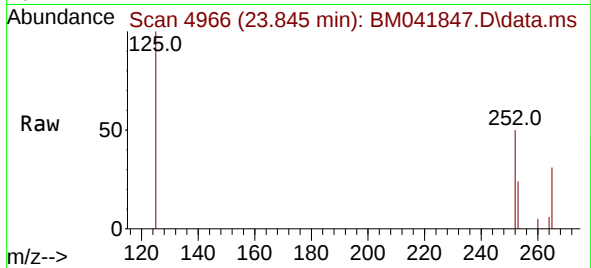
Tgt Ion:252 Resp: 6065
Ion Ratio Lower Upper
252 100
253 64.4 20.2 30.2#
125 294.8 15.8 23.8#





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.845 min Scan# 4966
Delta R.T. -0.000 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

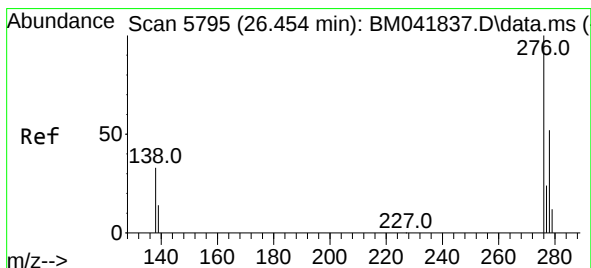
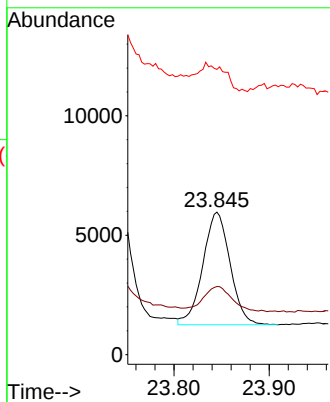
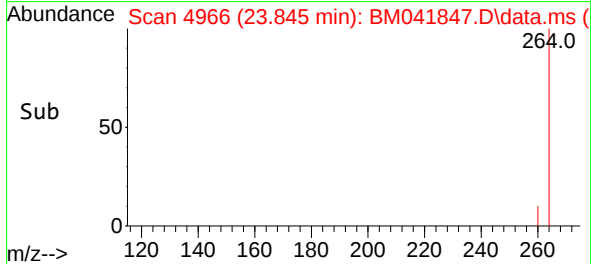
Instrument :
BNA_M
ClientSampleId :
EZYK1DL



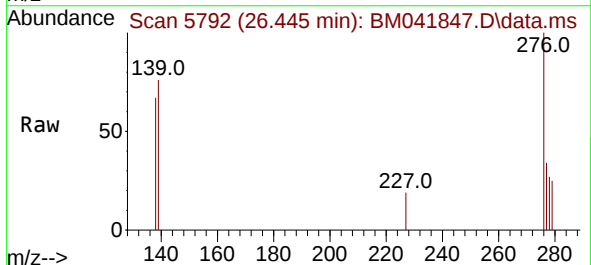
Tgt Ion:252 Resp: 9394
Ion Ratio Lower Upper
252 100
253 47.8 21.8 32.8
125 200.1 18.8 28.2

Manual Integrations
APPROVED

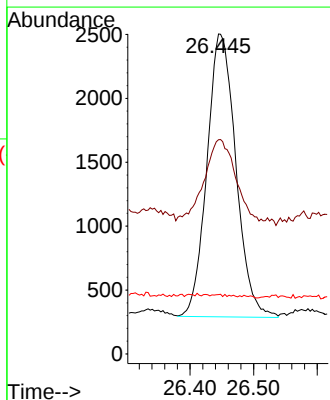
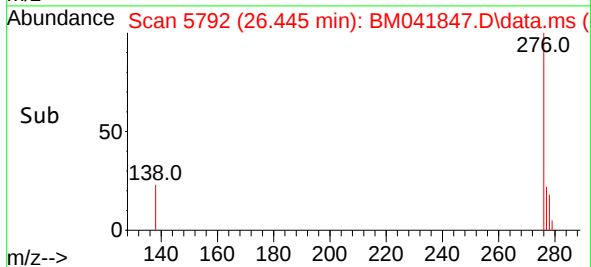
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

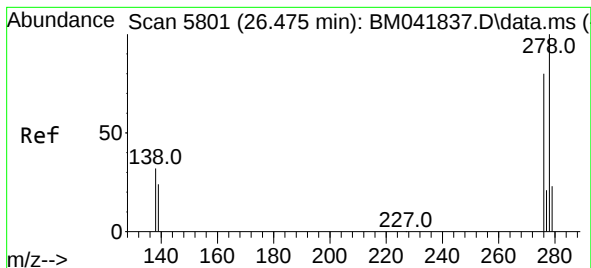


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 26.445 min Scan# 5792
Delta R.T. -0.010 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33



Tgt Ion:276 Resp: 6987
Ion Ratio Lower Upper
276 100
138 30.3 27.7 41.5
227 0.6 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 26.465 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

Instrument :

BNA_M

ClientSampleId :

EZYK1DL

Tgt Ion:278 Resp: 230

Ion Ratio Lower Upper

278 100

139 240.2 20.9 31.3

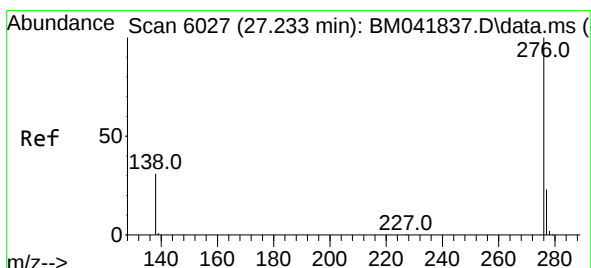
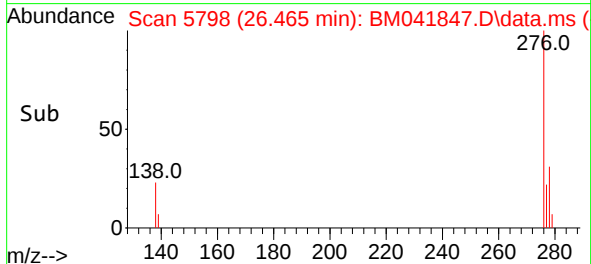
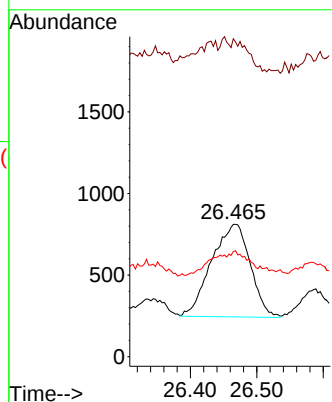
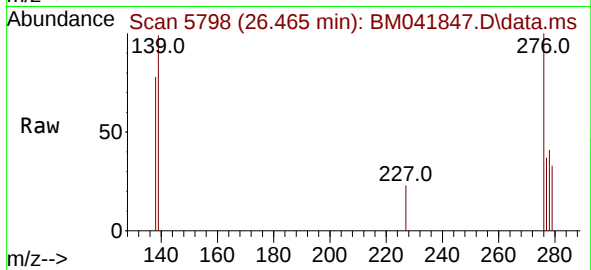
279 79.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :mohammad ahmed 09/15/2023



#29

Benzo(g,h,i)perylene

Concen: 0.063 ng/ul

RT: 27.233 min Scan# 6027

Delta R.T. -0.003 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

Tgt Ion:276 Resp: 7096

Ion Ratio Lower Upper

276 100

138 62.5 24.7 37.1#

277 33.3 19.3 28.9#

