

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040445.D
 Acq On : 29 Jun 2023 19:50
 Operator : MA/JU
 Sample : 03143-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:07:06 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 Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	6970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	25584	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	12051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	23166	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	12711	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	11934	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6094	0.557	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1359	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1917	0.047	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.805	128	2157	0.031	ng/ul#	79
7) 2-Methylnaphthalene	12.417	142	1142	0.028	ng/ul	97
8) 1-Methylnaphthalene	12.637	142	877	0.021	ng/ul	99
10) Acenaphthylene	14.304	152	4920	0.091	ng/ul#	93
11) Acenaphthene	14.646	153	3857	0.085	ng/ul	97
12) Fluorene	15.632	166	4031	0.083	ng/ul#	96
15) Phenanthrene	17.374	178	73726	1.025	ng/ul	98
16) Anthracene	17.463	178	15492	0.256	ng/ul	97
19) Fluoranthene	19.389	202	163597	3.030	ng/ul	94
20) Pyrene	19.747	202	119049m	2.057	ng/ul	
21) Benzo(a)anthracene	21.491	228	53881	1.253	ng/ul	98
22) Chrysene	21.547	228	59696	1.217	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	83541	1.809	ng/ul	93
25) Benzo(k)fluoranthene	23.230	252	30546m	0.671	ng/ul	
26) Benzo(a)pyrene	23.815	252	50035	1.203	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.430	276	44160	0.762	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.434	278	10630	0.234	ng/ul#	84
29) Benzo(g,h,i)perylene	27.202	276	39283	0.774	ng/ul	98

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

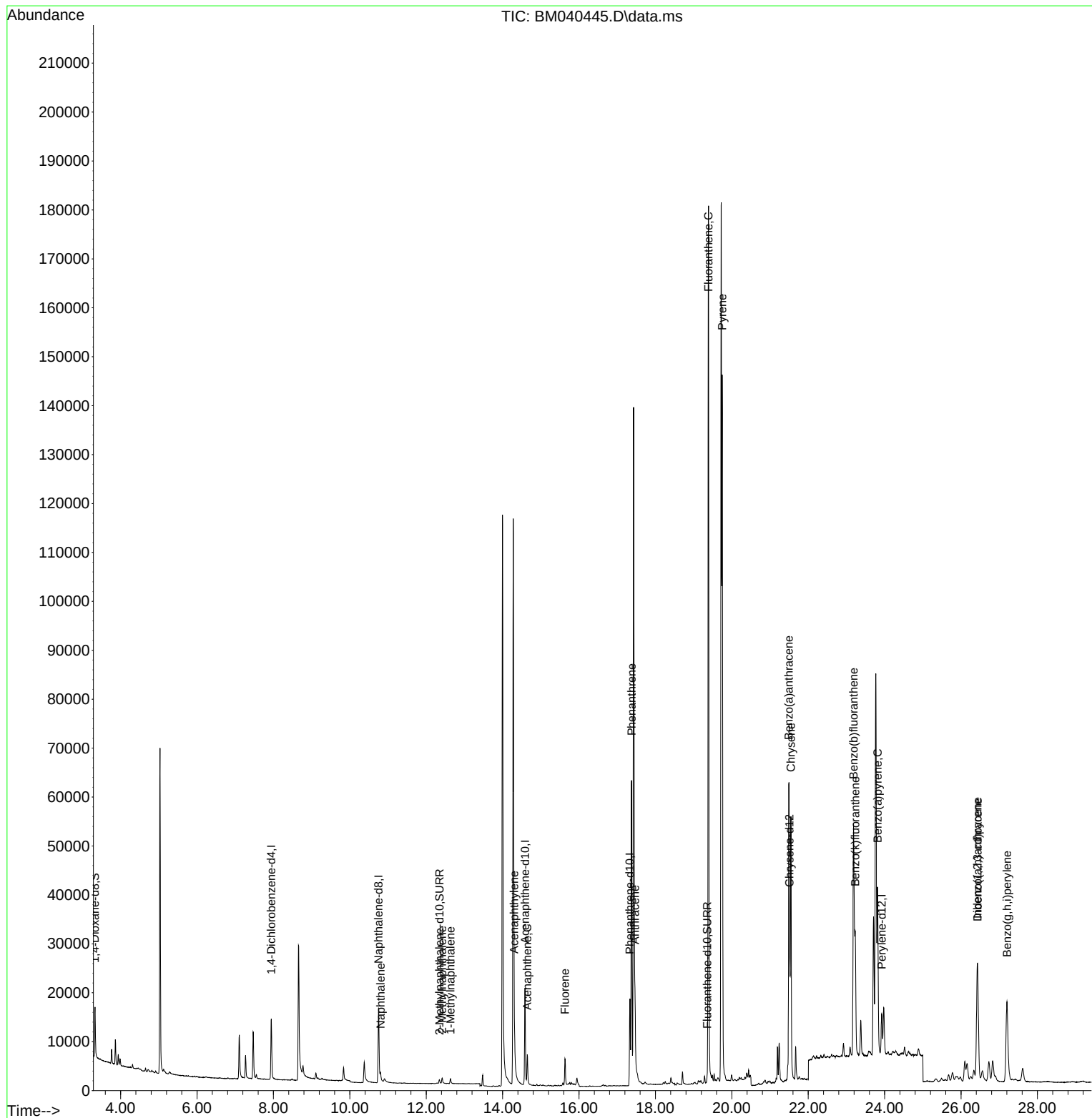
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040445.D
Acq On : 29 Jun 2023 19:50
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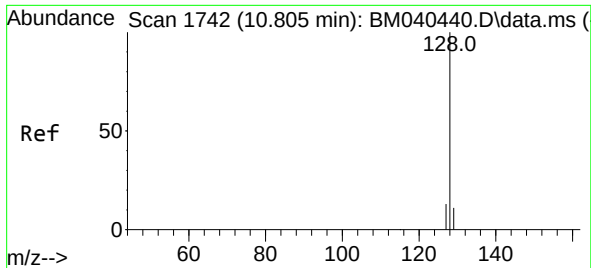
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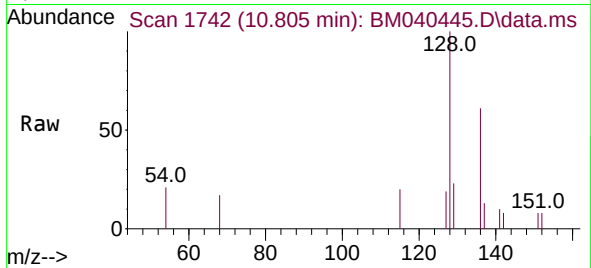
Quant Time: Jun 30 03:07:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

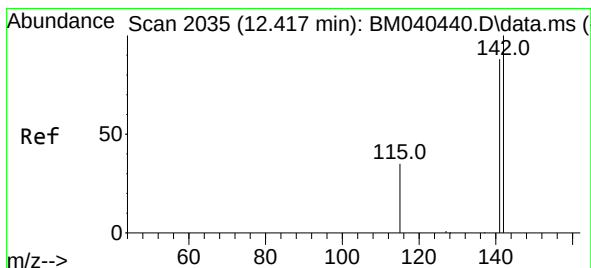
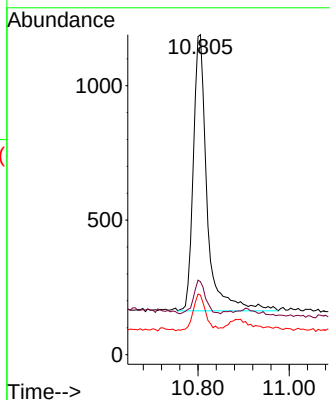
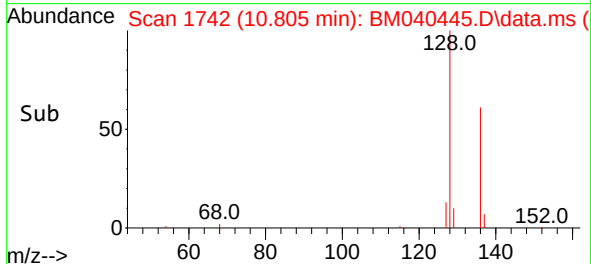
Instrument :
BNA_M
ClientSampleId :
DCFU1DL



Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
129 22.8 9.2 13.8
127 18.6 10.6 15.8

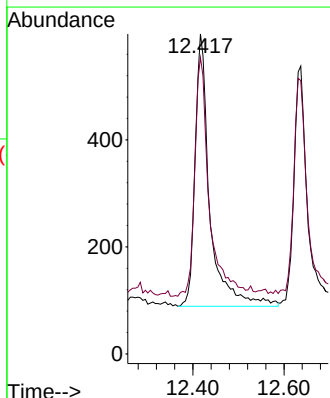
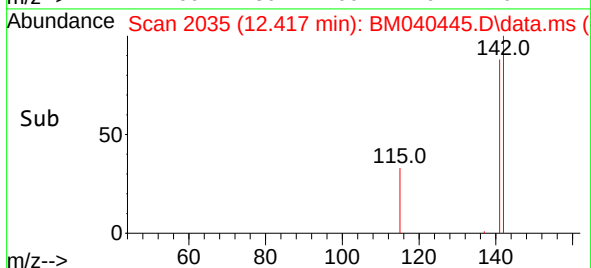
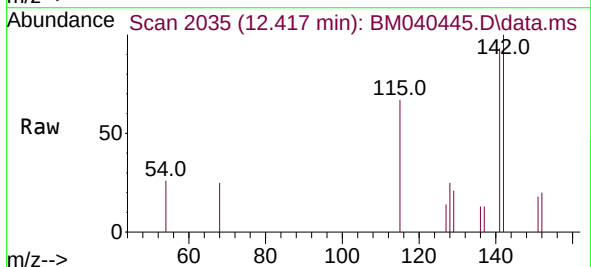
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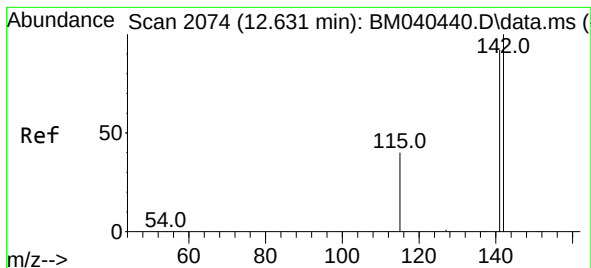
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

Tgt Ion:142 Resp: 1142
Ion Ratio Lower Upper
142 100
141 86.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.637 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM040445.D

Acq: 29 Jun 2023 19:50

Instrument :

BNA_M

ClientSampleId :

DCFU1DL

Tgt Ion:142 Resp: 87

Ion Ratio Lower Upper

142 100

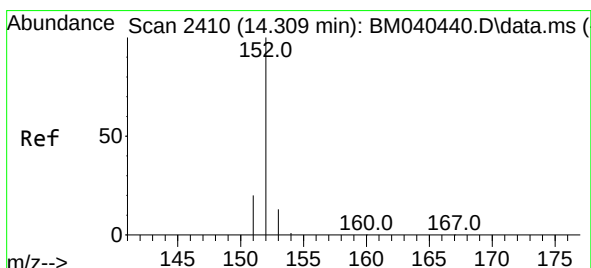
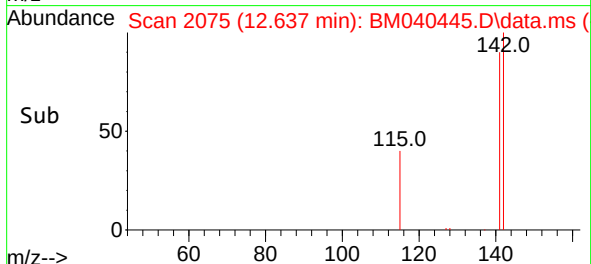
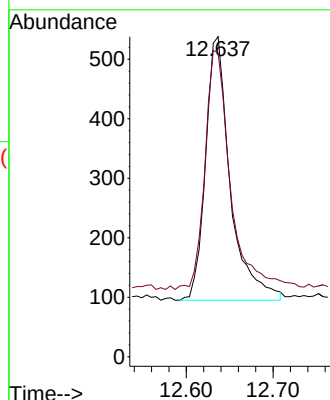
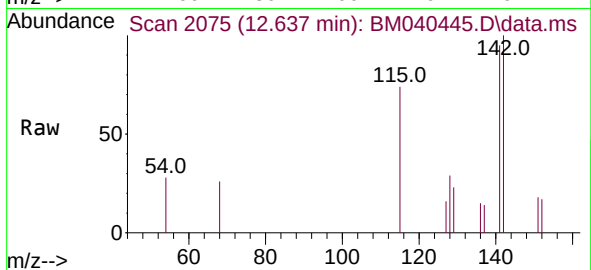
141 92.9 73.7 110.5

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Supervised By :mohammad ahmed 06/30/2023



#10

Acenaphthylene

Concen: 0.091 ng/ul

RT: 14.304 min Scan# 2409

Delta R.T. -0.009 min

Lab File: BM040445.D

Acq: 29 Jun 2023 19:50

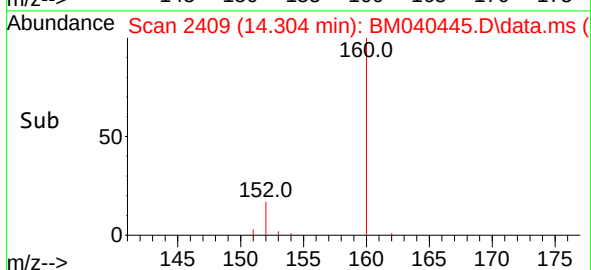
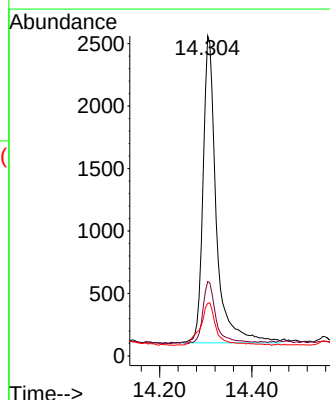
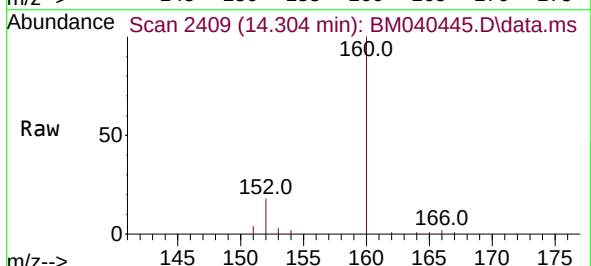
Tgt Ion:152 Resp: 4920

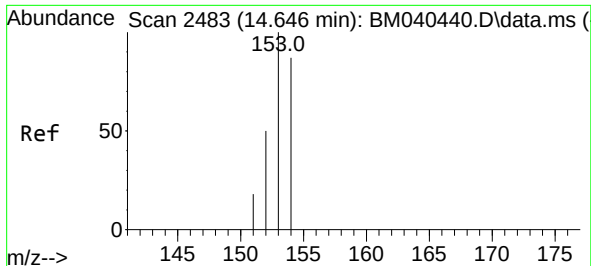
Ion Ratio Lower Upper

152 100

151 23.2 16.2 24.2

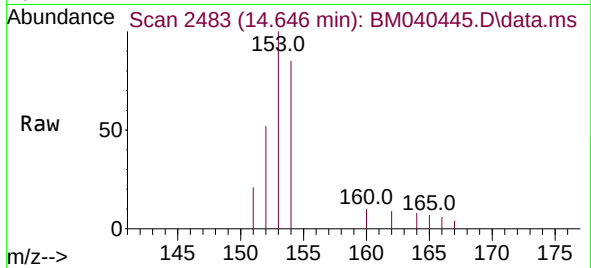
153 16.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.085 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

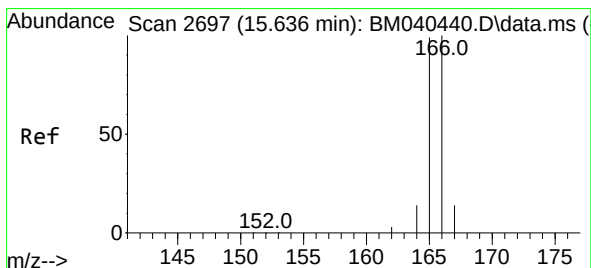
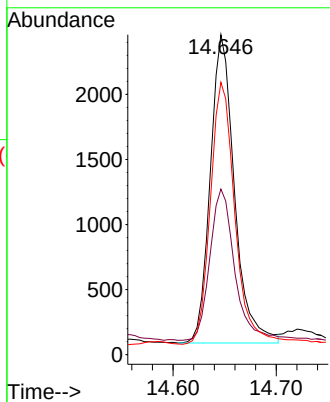
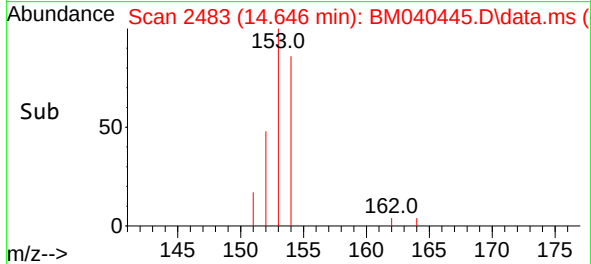
Instrument :
BNA_M
ClientSampleId :
DCFU1DL



Tgt Ion:153 Resp: 385
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.4
154 85.1 70.8 106.2

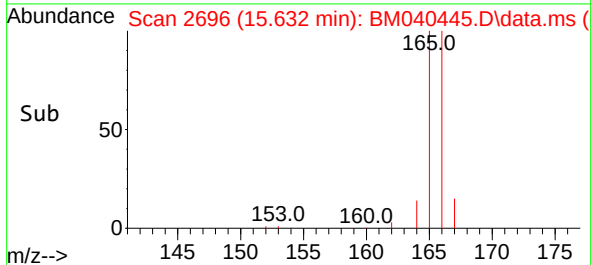
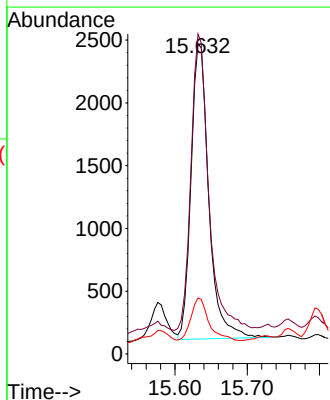
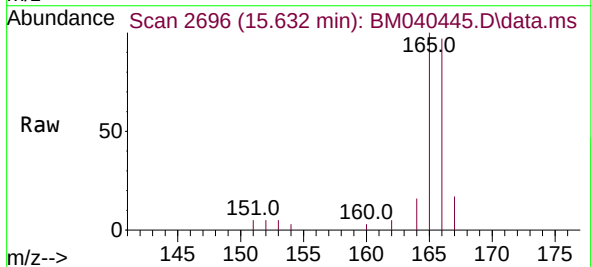
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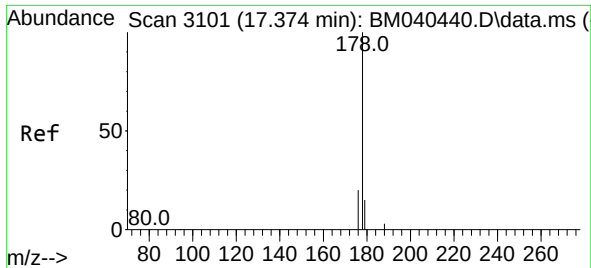
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

Tgt Ion:166 Resp: 4031
Ion Ratio Lower Upper
166 100
165 103.1 79.6 119.4
167 18.0 11.4 17.0#





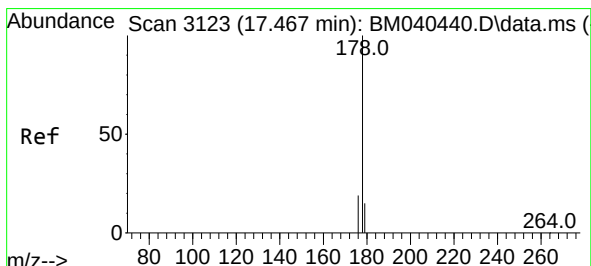
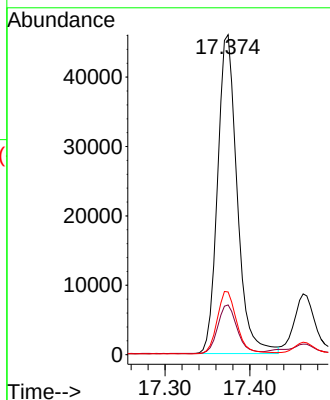
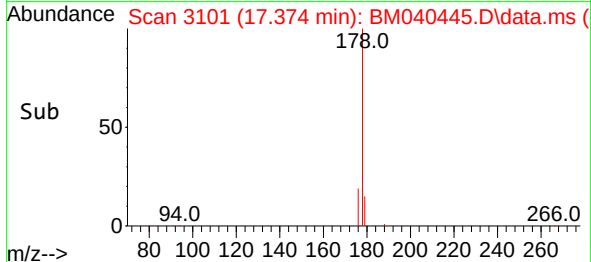
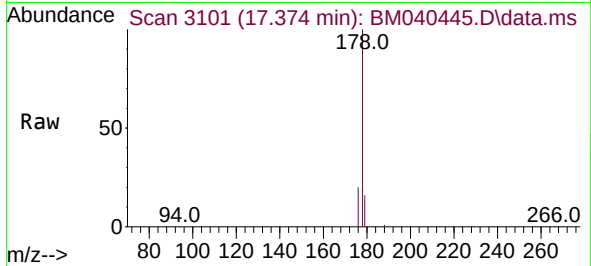
#15
Phenanthrene
Concen: 1.025 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

Instrument :
BNA_M
ClientSampleId :
DCFU1DL

Tgt Ion:178	Resp:	73720
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.8 19.2
176	19.6	16.4 24.6

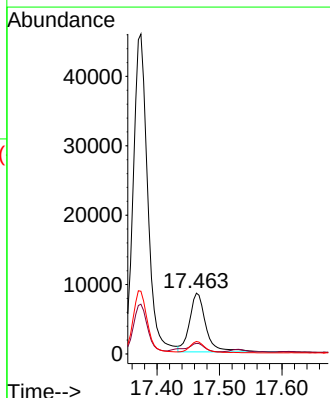
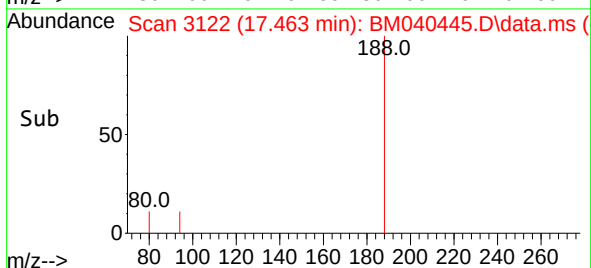
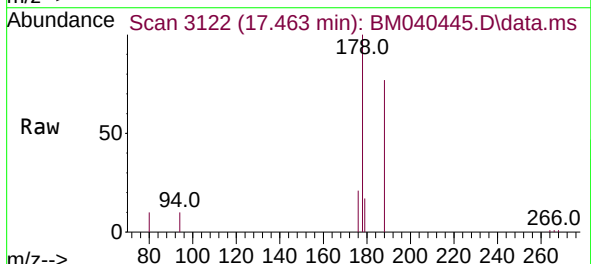
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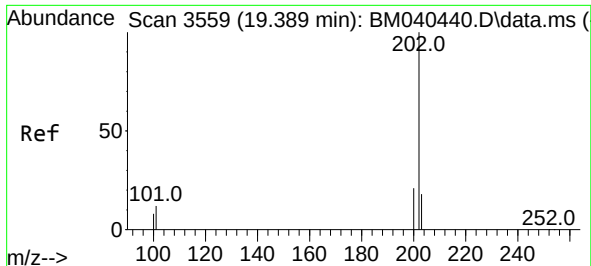
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.256 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

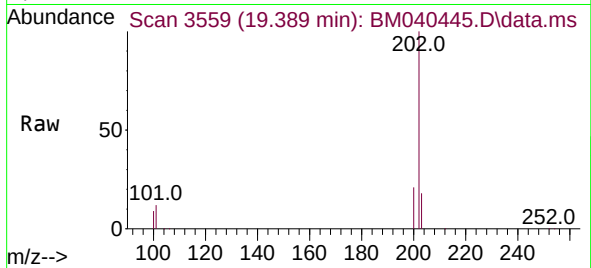
Tgt Ion:178	Resp:	15492
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.9 19.3
176	20.7	15.8 23.6





#19
Fluoranthene
Concen: 3.030 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

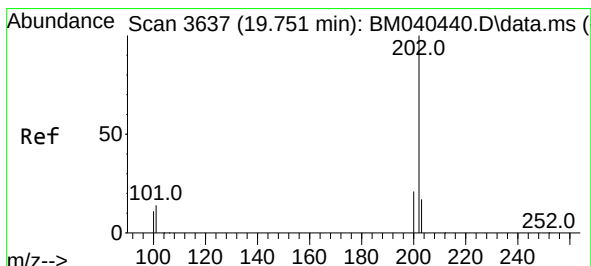
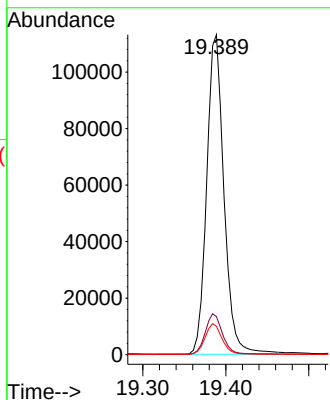
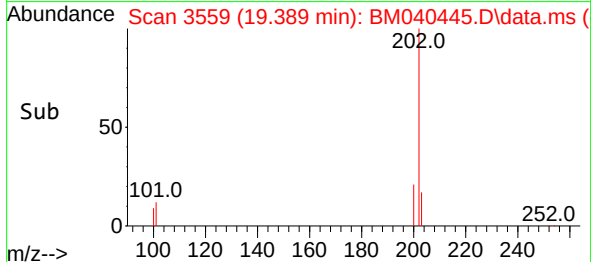
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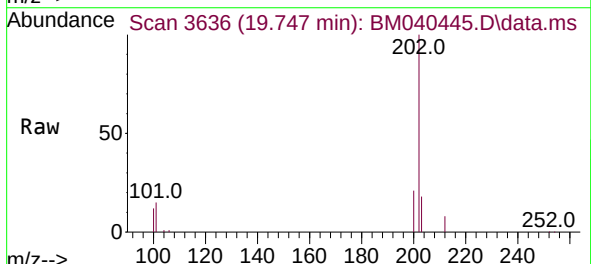
Tgt Ion:202 Resp: 16359
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 8.8 8.7 13.1

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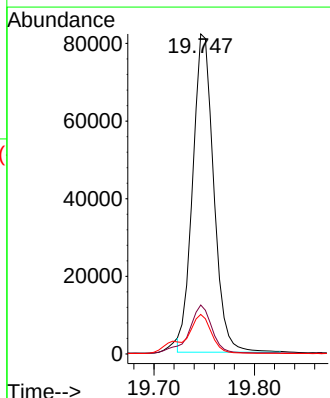
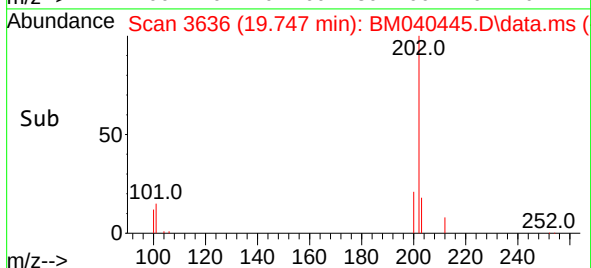
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

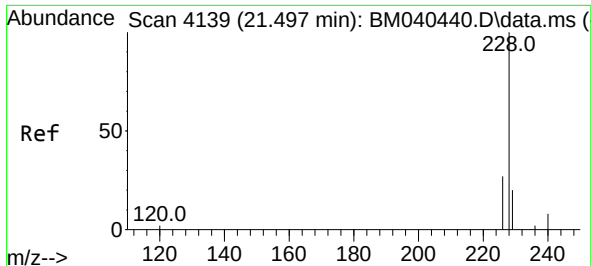


#20
Pyrene
Concen: 2.057 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.010 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50



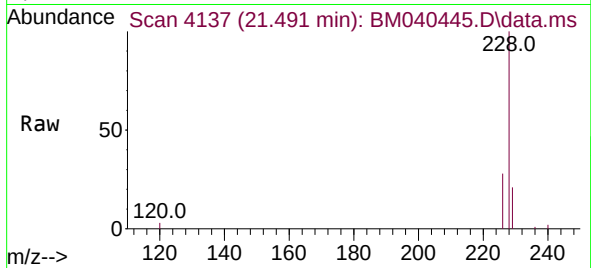
Tgt Ion:202 Resp: 119049
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.253 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

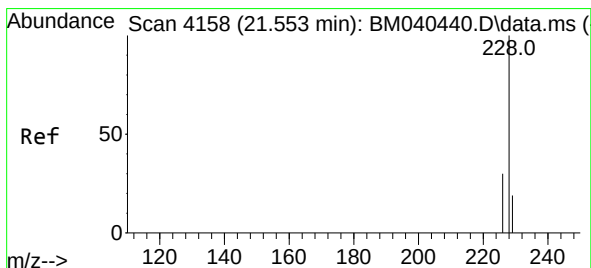
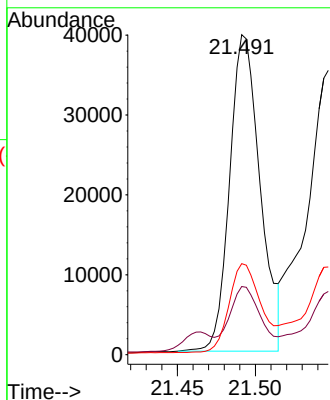
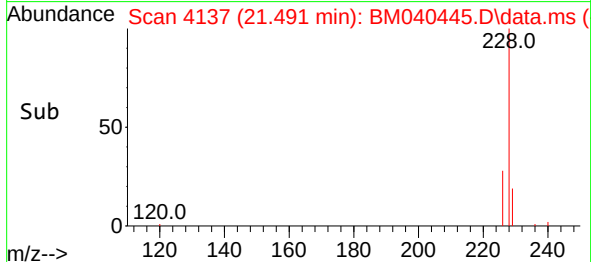
Instrument :
BNA_M
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DCFU1DL



Tgt Ion:228 Resp: 5388
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.5 22.3 33.5

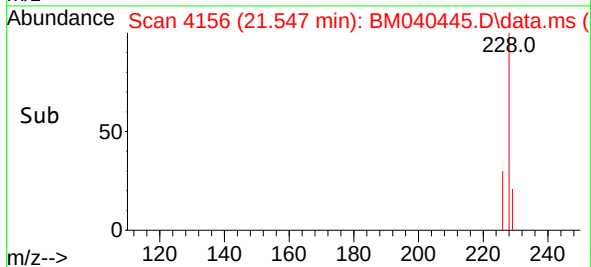
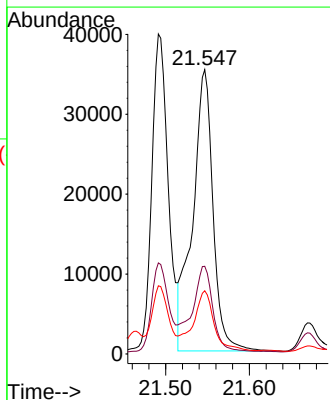
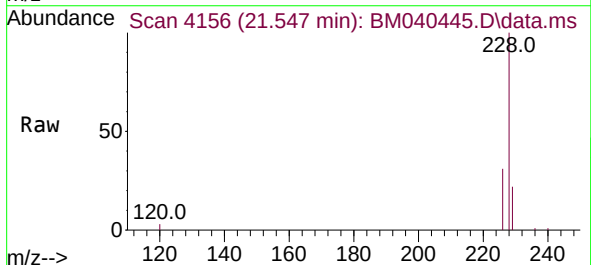
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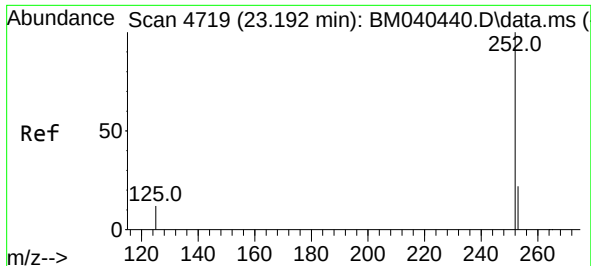
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.217 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

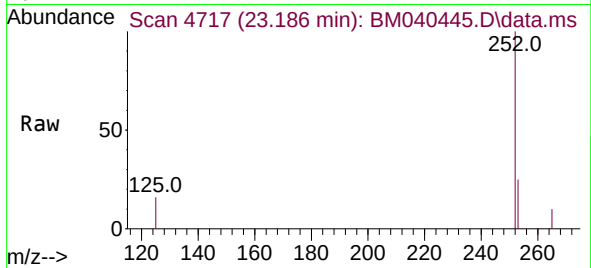
Tgt Ion:228 Resp: 59696
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.809 ng/ul
RT: 23.186 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

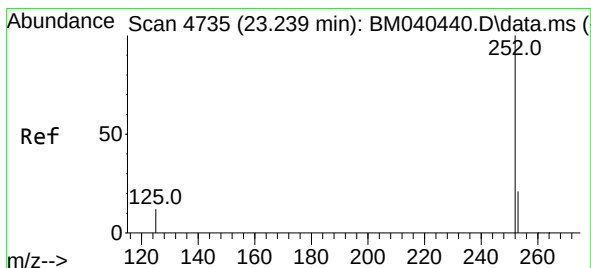
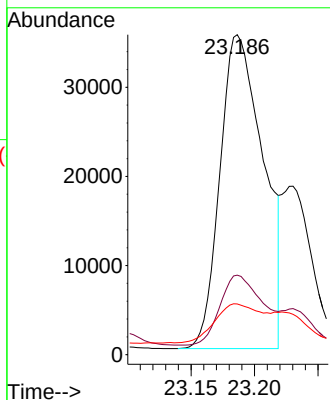
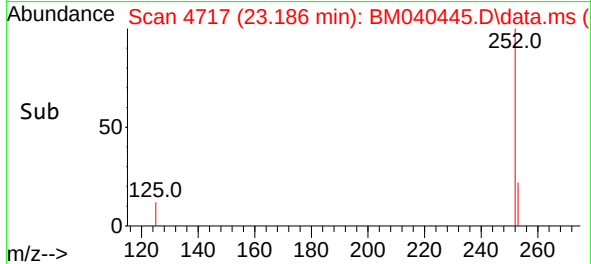
Instrument :
BNA_M
ClientSampleId :
DCFU1DL



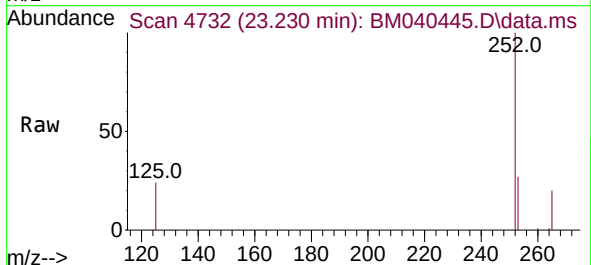
Tgt Ion:252 Resp: 8354
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 15.8 0.0 43.0

Manual Integrations
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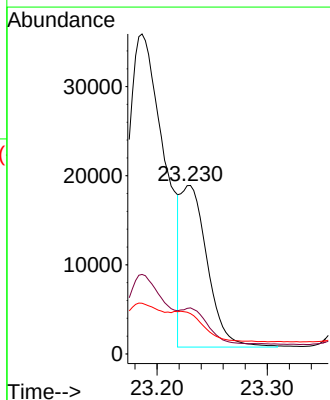
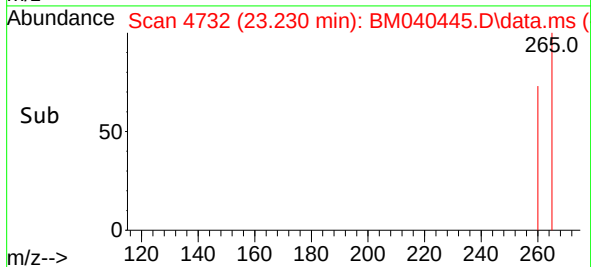
Reviewed By :Yogesh Patel 06/30/2023
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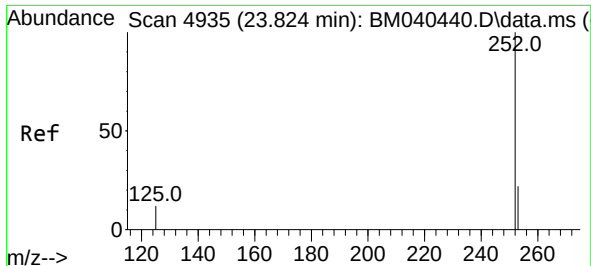


#25
Benzo(k)fluoranthene
Concen: 0.671 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50



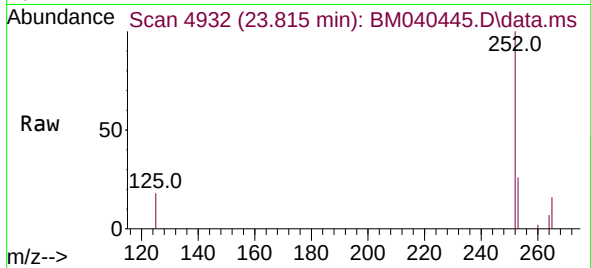
Tgt Ion:252 Resp: 30546
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 23.9 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.203 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

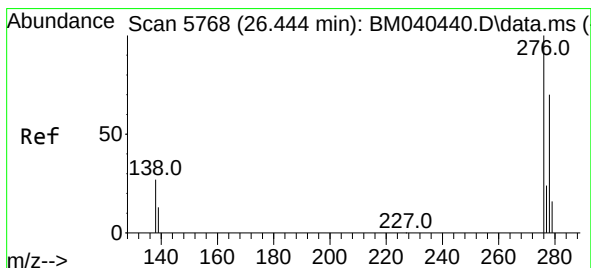
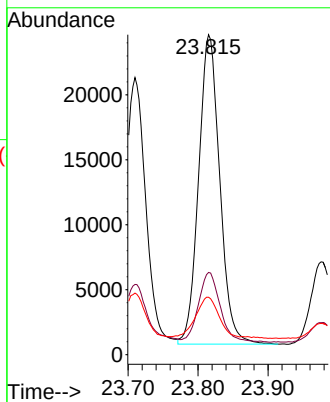
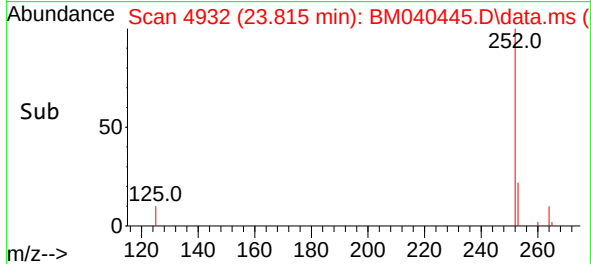
Instrument :
BNA_M
ClientSampleId :
DCFU1DL



Tgt Ion:252 Resp: 5003
Ion Ratio Lower Upper
252 100
253 25.7 22.9 34.3
125 18.0 21.0 31.4

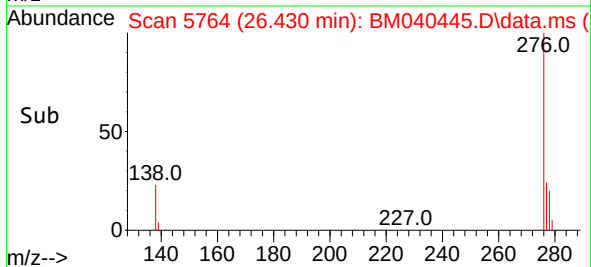
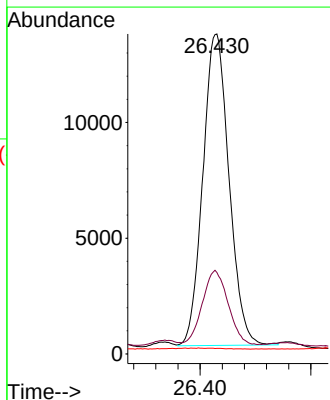
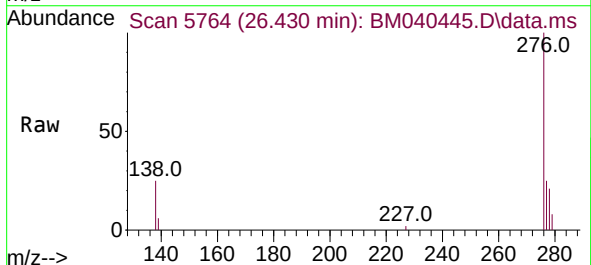
Manual Integrations
APPROVED

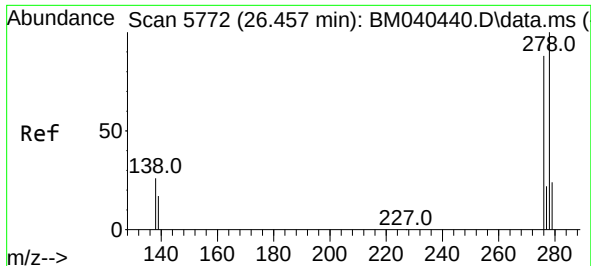
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.762 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.004 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

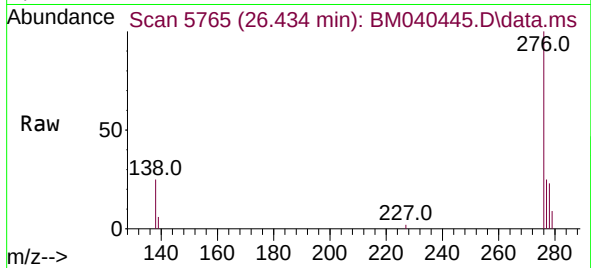
Tgt Ion:276 Resp: 44160
Ion Ratio Lower Upper
276 100
138 24.4 24.5 36.7#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.234 ng/ul
RT: 26.434 min Scan# 5772
Delta R.T. -0.020 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

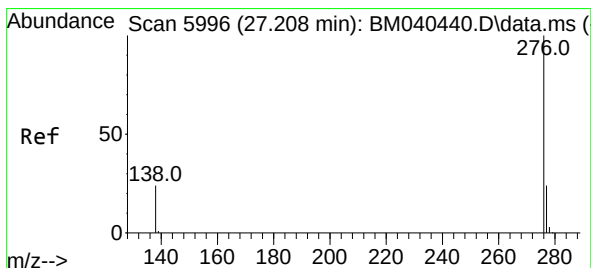
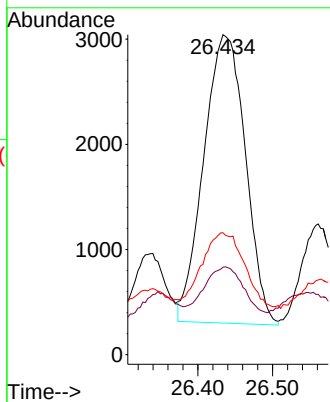
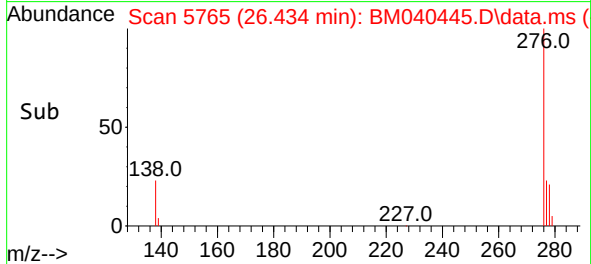
Instrument :
BNA_M
ClientSampleId :
DCFU1DL



Tgt Ion:278 Resp: 10630
Ion Ratio Lower Upper
278 100
139 27.4 17.9 26.9
279 38.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.774 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.004 min
Lab File: BM040445.D
Acq: 29 Jun 2023 19:50

Tgt Ion:276 Resp: 39283
Ion Ratio Lower Upper
276 100
138 26.6 23.0 34.6
277 25.7 20.3 30.5

