

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040432.D
 Acq On : 29 Jun 2023 11:43
 Operator : MA/JU
 Sample : 03143-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU1

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 03:04:57 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	7.940	152	6215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	21691	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	10554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	21305	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12049	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13434	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	28957	2.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	6265	0.206	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	10099	0.261	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.800	128	9730	0.163	ng/ul#	93
7) 2-Methylnaphthalene	12.411	142	5087	0.145	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3953	0.113	ng/ul	99
10) Acenaphthylene	14.304	152	21465	0.455	ng/ul	98
11) Acenaphthene	14.646	153	17378	0.436	ng/ul	99
12) Fluorene	15.632	166	18883	0.444	ng/ul	99
15) Phenanthrene	17.370	178	346588	5.237	ng/ul	99
16) Anthracene	17.463	178	64085	1.152	ng/ul	100
19) Fluoranthene	19.384	202	806756	15.763	ng/ul	96
20) Pyrene	19.747	202	597793m	10.894	ng/ul	
21) Benzo(a)anthracene	21.494	228	282974	6.943	ng/ul	99
22) Chrysene	21.547	228	296555	6.379	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	451450	8.683	ng/ul	88
25) Benzo(k)fluoranthene	23.233	252	156369m	3.052	ng/ul	
26) Benzo(a)pyrene	23.818	252	294730	6.293	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	249517	3.826	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.440	278	59840	1.172	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	214700	3.756	ng/ul	95

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

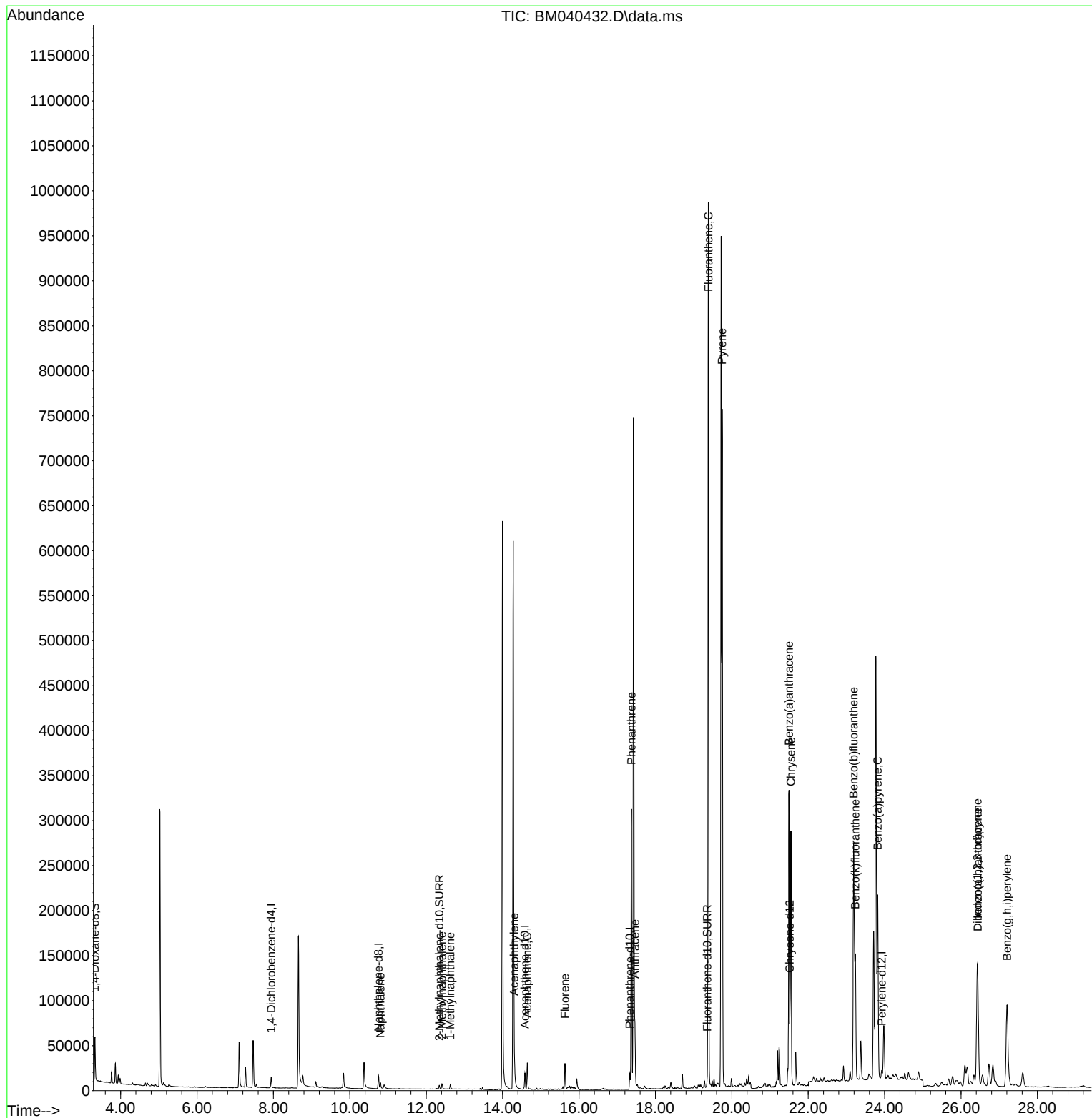
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040432.D
Acq On : 29 Jun 2023 11:43
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ALS Vial : 7 Sample Multiplier: 1

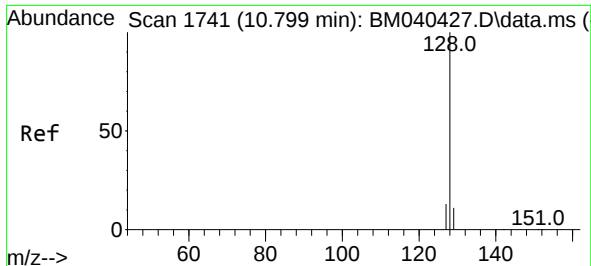
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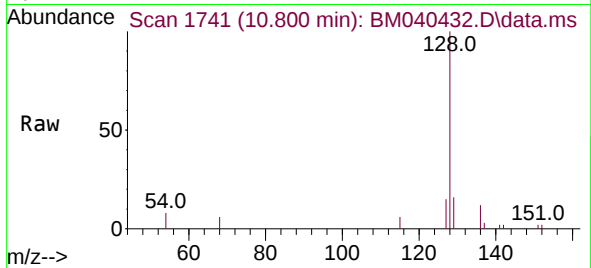
Quant Time: Jun 30 03:04:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.163 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

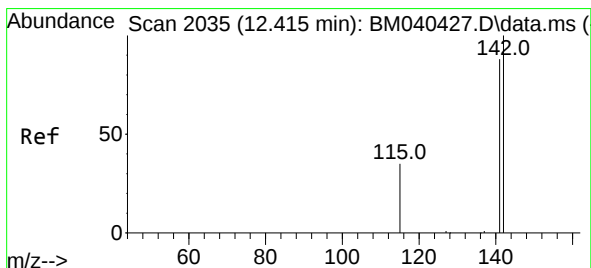
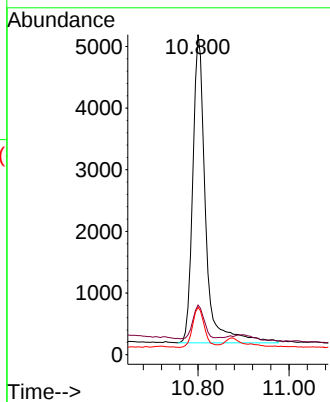
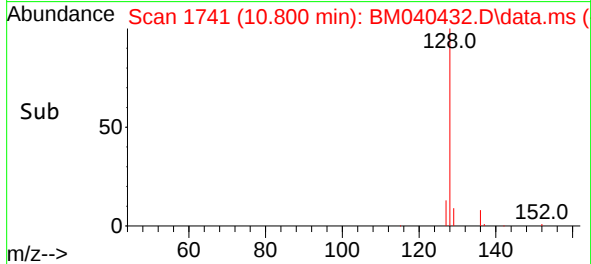
Instrument :
BNA_M
ClientSampleId :
DCFU1



Tgt Ion:128 Resp: 9730
Ion Ratio Lower Upper
128 100
129 15.5 9.2 13.8
127 14.8 10.6 15.8

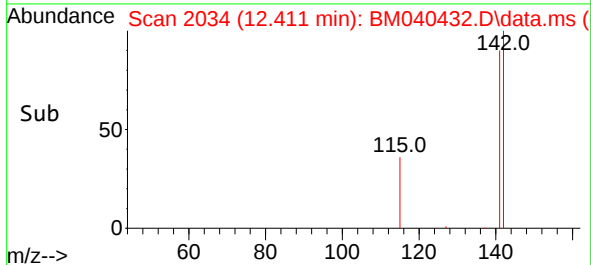
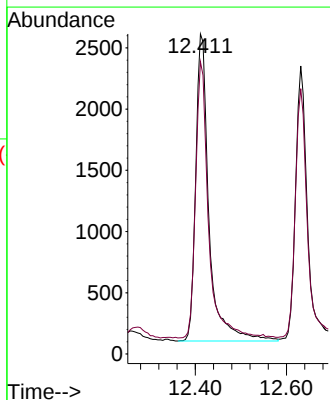
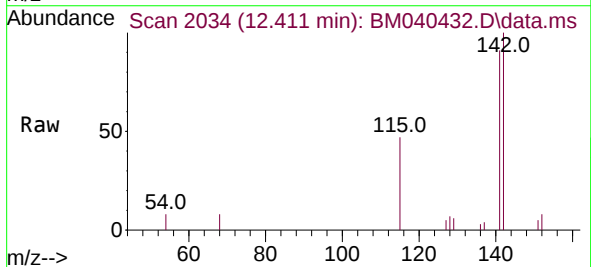
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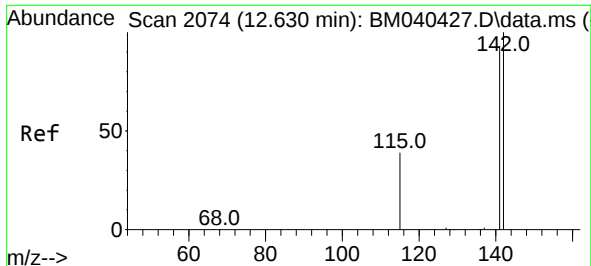
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

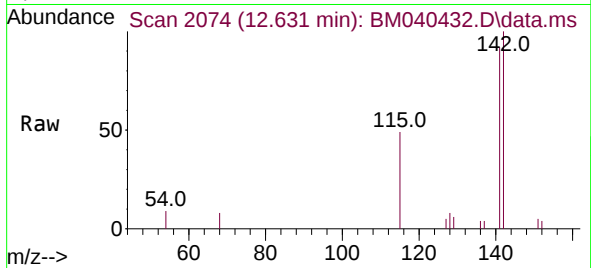
Tgt Ion:142 Resp: 5087
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

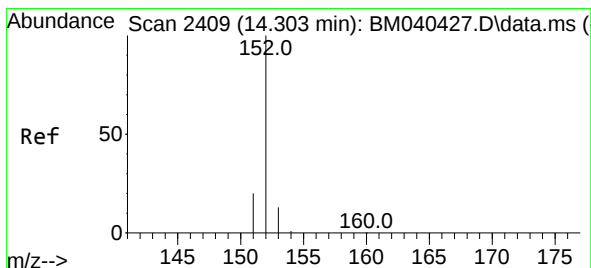
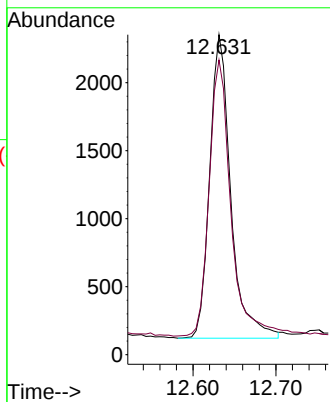
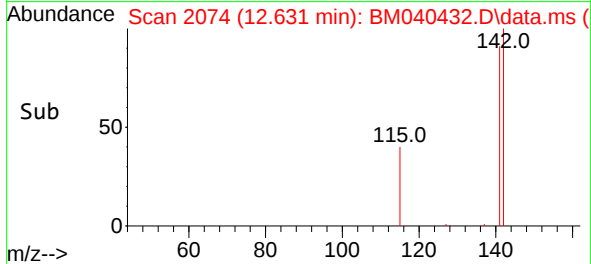
Instrument :
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Tgt Ion:142 Resp: 395
Ion Ratio Lower Upper
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141 93.4 73.7 110.5

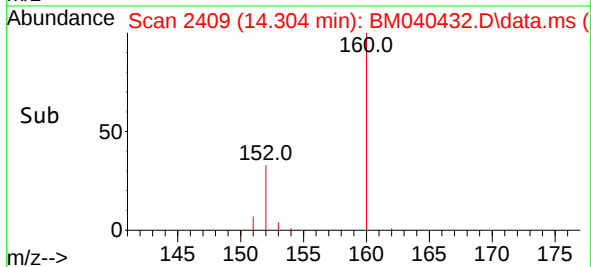
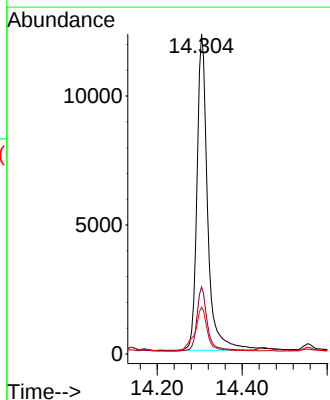
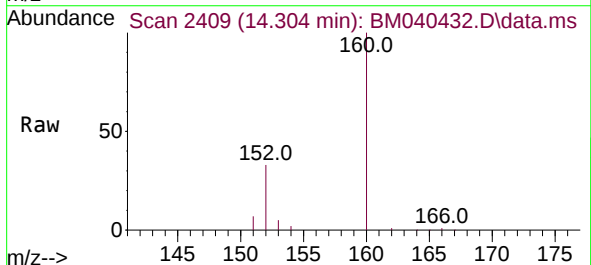
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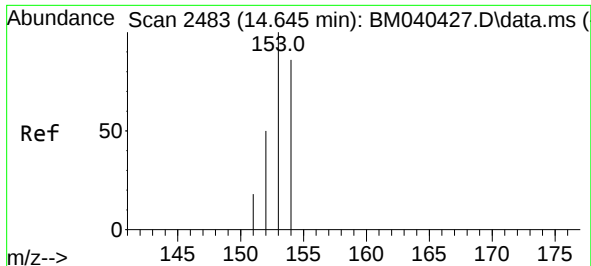
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

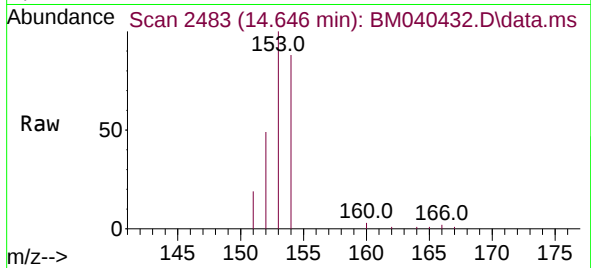
Tgt Ion:152 Resp: 21465
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.436 ng/u1
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

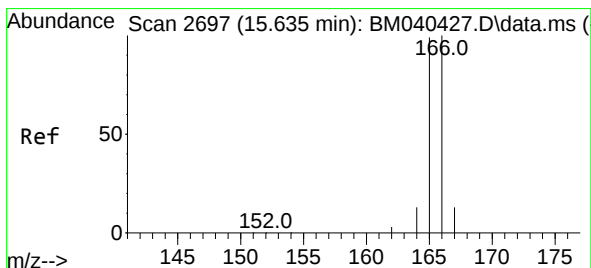
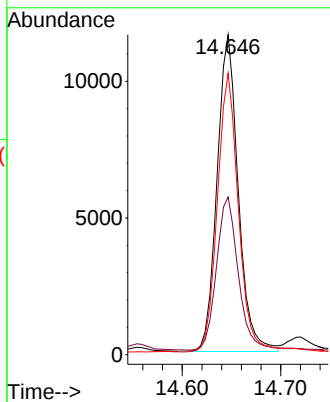
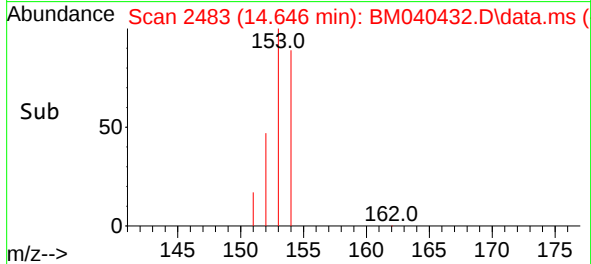
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 17378
Ion Ratio Lower Upper
153 100
152 49.3 41.0 61.4
154 87.9 70.8 106.2

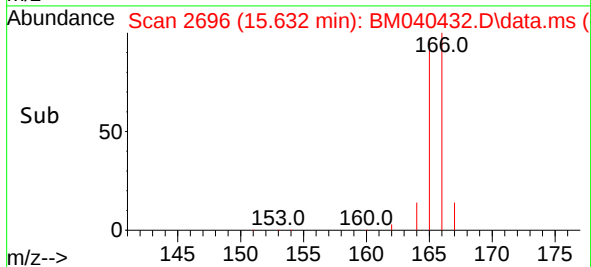
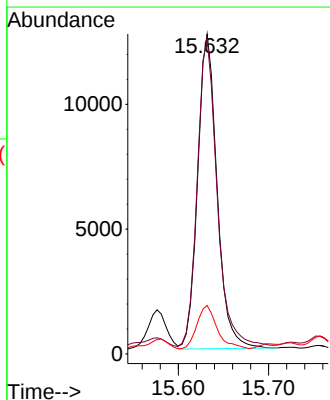
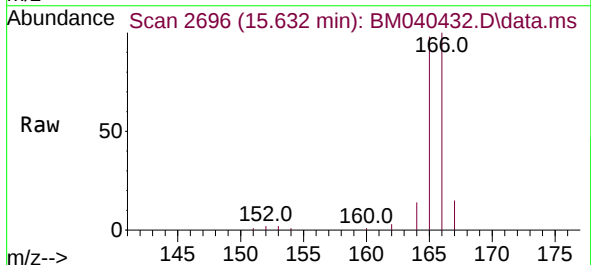
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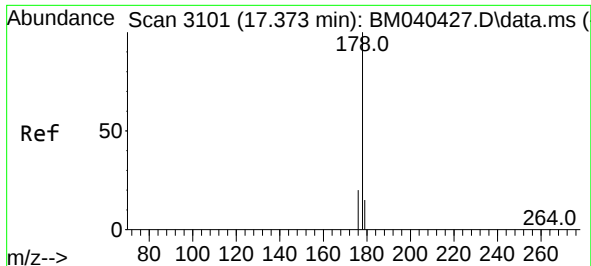
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.444 ng/u1
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

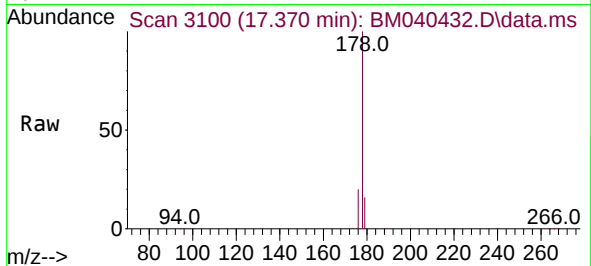
Tgt Ion:166 Resp: 18883
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 15.1 11.4 17.0





#15
Phenanthrene
Concen: 5.237 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

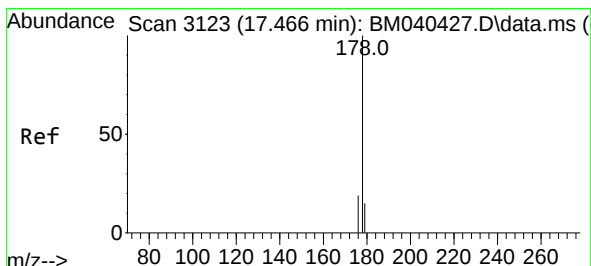
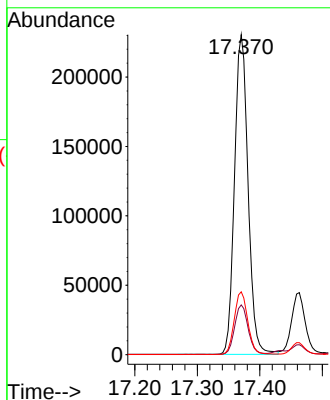
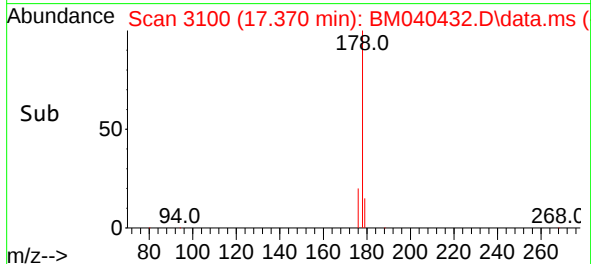
Instrument :
BNA_M
ClientSampleId :
DCFU1



Tgt Ion:178 Resp: 34658
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6

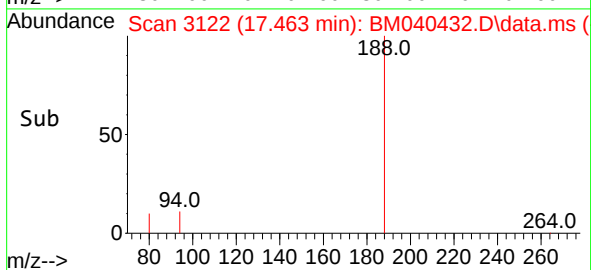
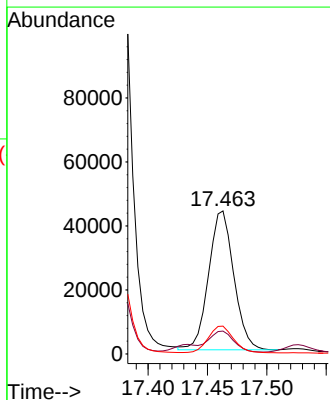
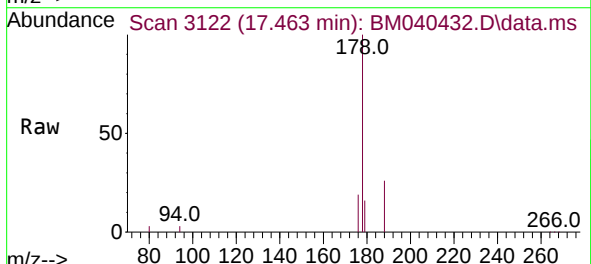
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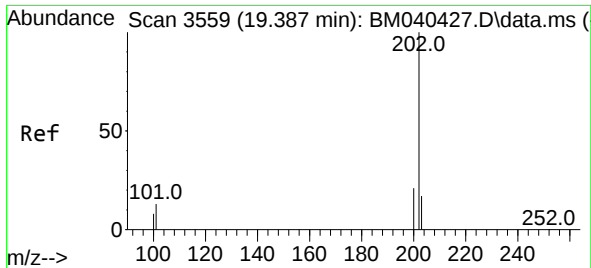
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 1.152 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:178 Resp: 64085
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.4 15.8 23.6





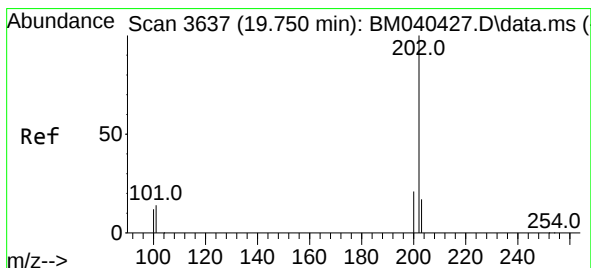
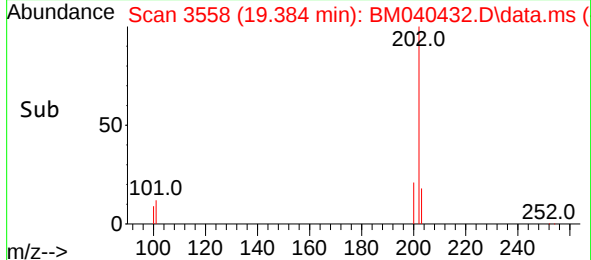
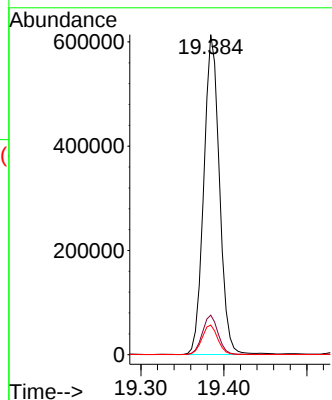
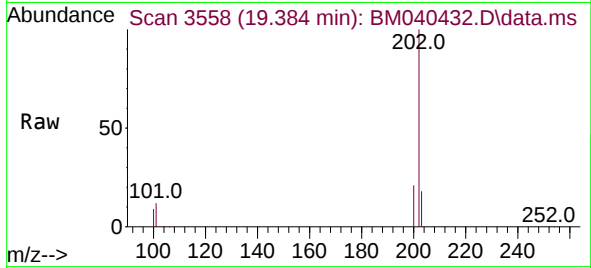
#19
Fluoranthene
Concen: 15.763 ng/ul
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:202 Resp: 806750
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.3 8.7 13.1

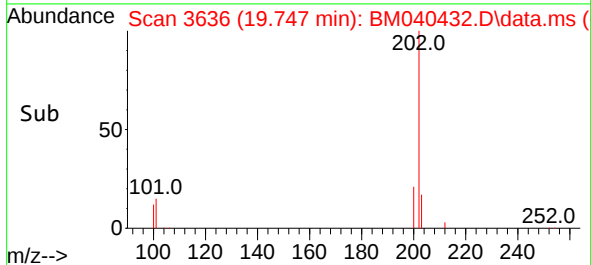
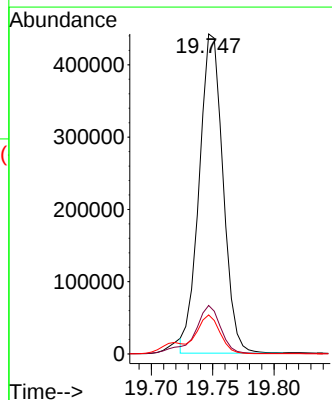
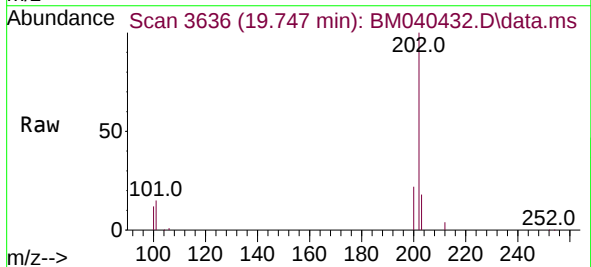
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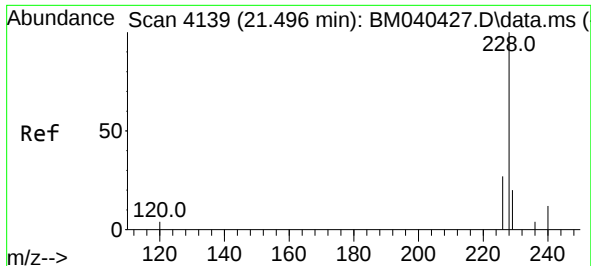
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 10.894 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

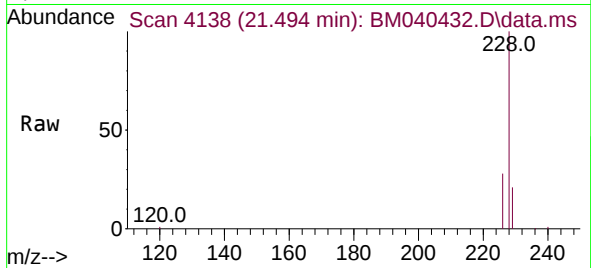
Tgt Ion:202 Resp: 597793
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.943 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

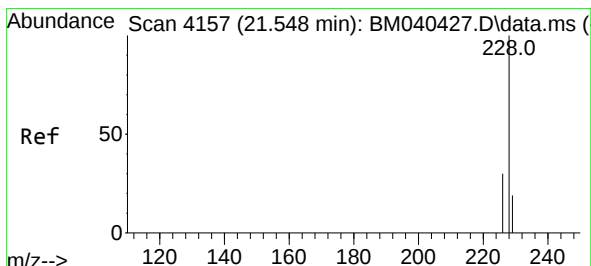
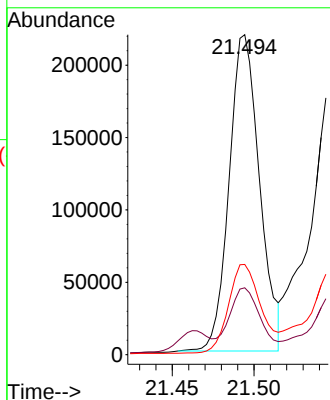
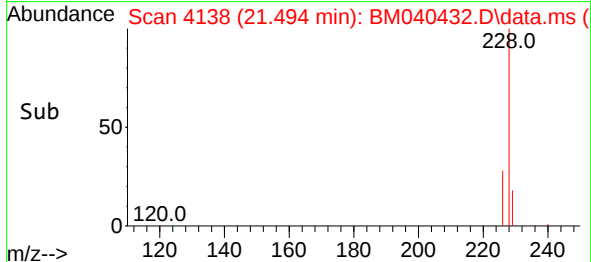
Instrument :
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DCFU1



Tgt Ion:228 Resp: 282974
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.2 22.3 33.5

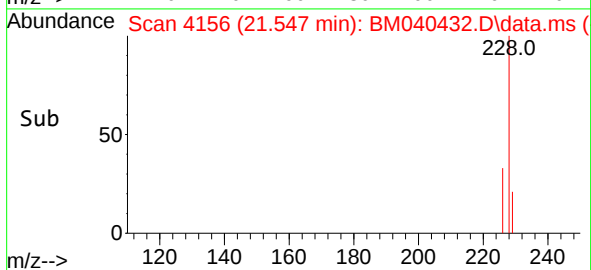
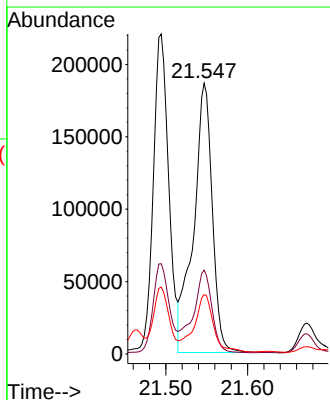
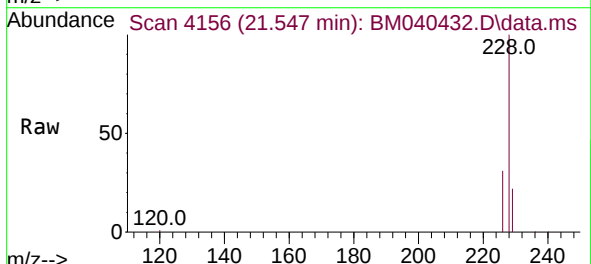
Manual Integrations
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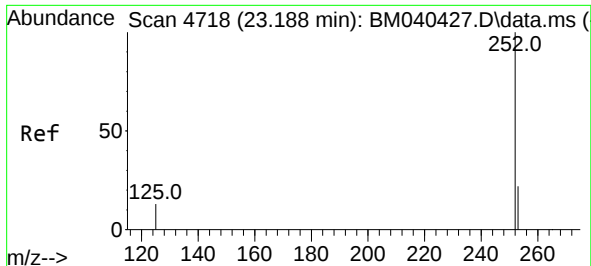
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 6.379 ng/u1
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

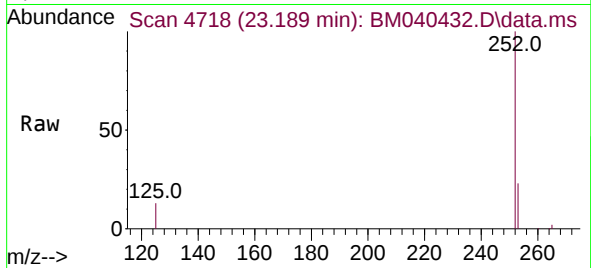
Tgt Ion:228 Resp: 296555
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.683 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

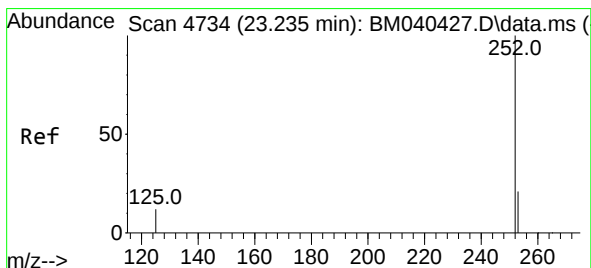
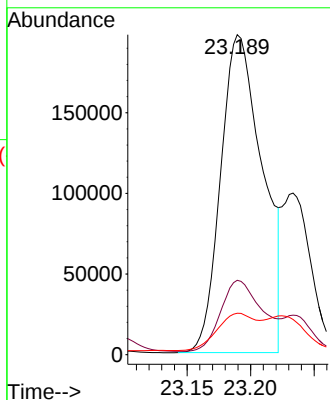
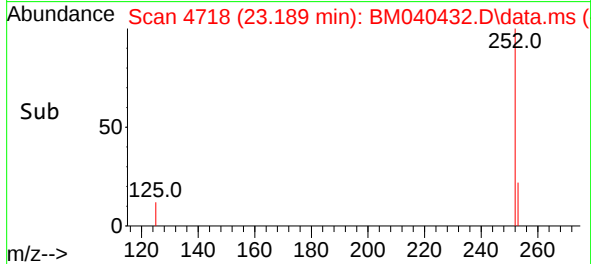
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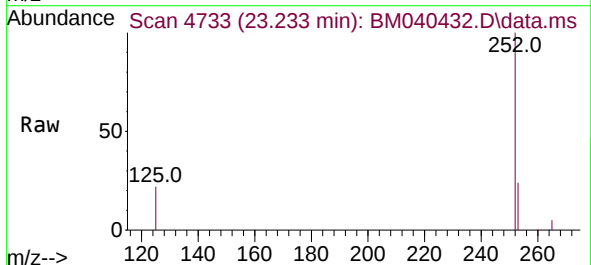
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Ion Ratio Lower Upper
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253 23.2 0.0 52.8
125 12.9 0.0 43.0

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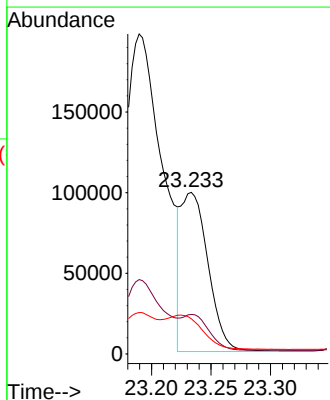
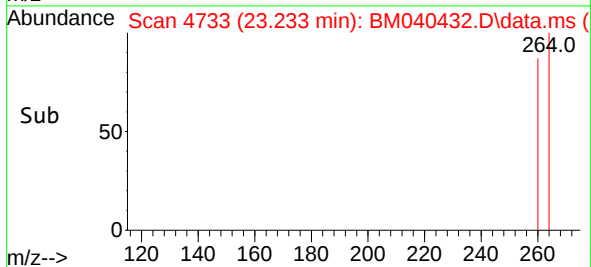
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

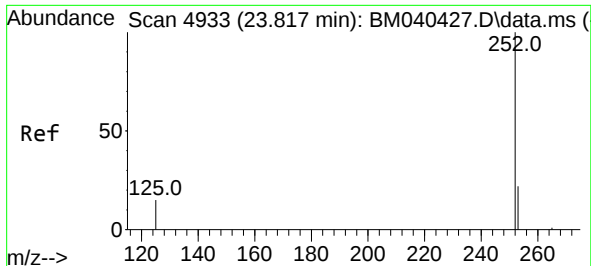


#25
Benzo(k)fluoranthene
Concen: 3.052 ng/ul m
RT: 23.233 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43



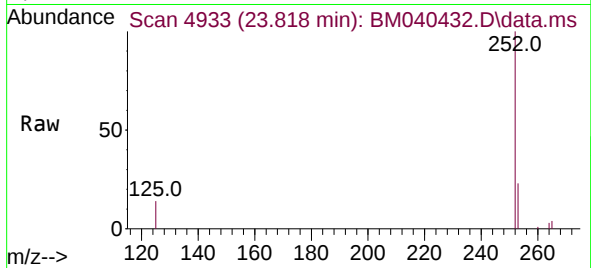
Tgt Ion:252 Resp: 156369
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 21.8 16.4 24.6





#26
Benzo(a)pyrene
Concen: 6.293 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

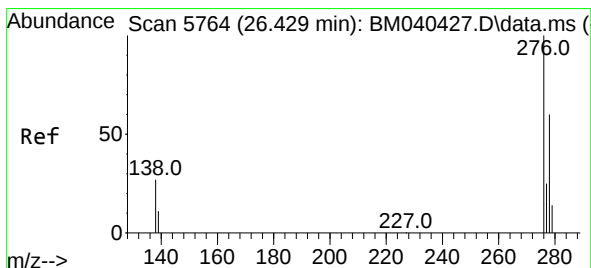
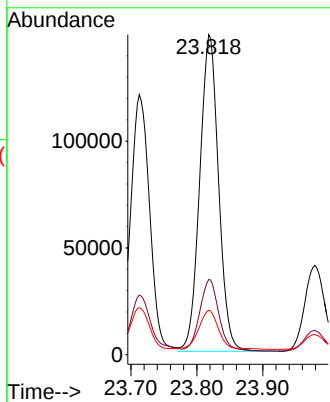
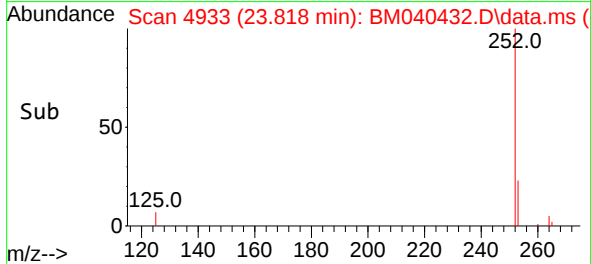
Instrument :
BNA_M
ClientSampleId :
DCFU1



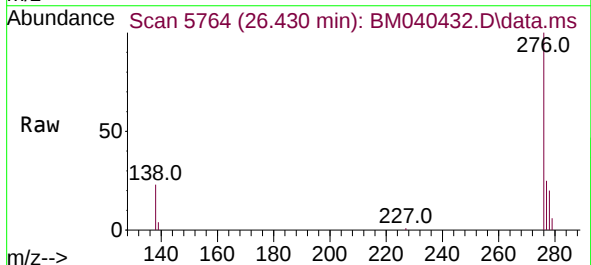
Tgt Ion:252 Resp: 294730
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 13.9 21.0 31.4

Manual Integrations
APPROVED

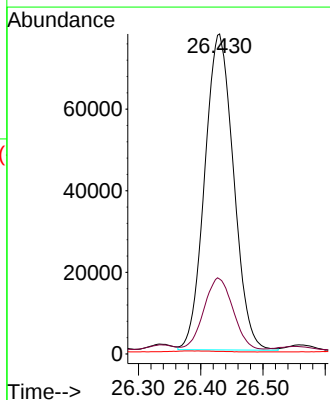
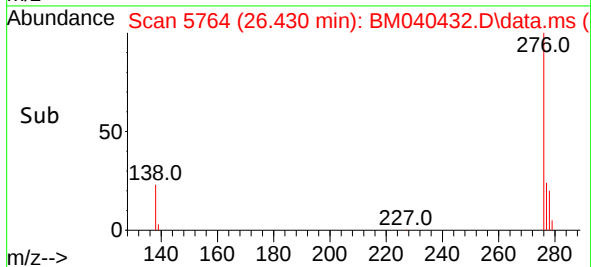
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

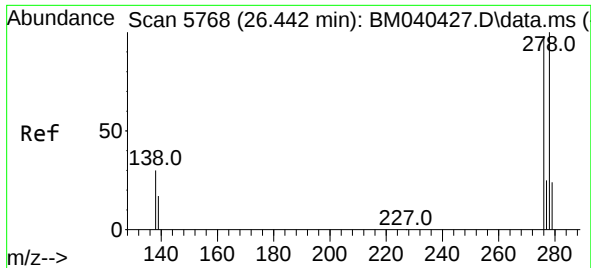


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.826 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43



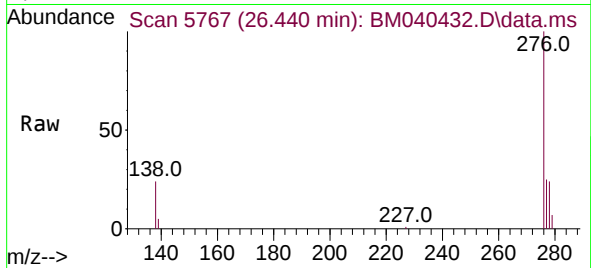
Tgt Ion:276 Resp: 249517
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.172 ng/ul
RT: 26.440 min Scan# 5130
Delta R.T. -0.013 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

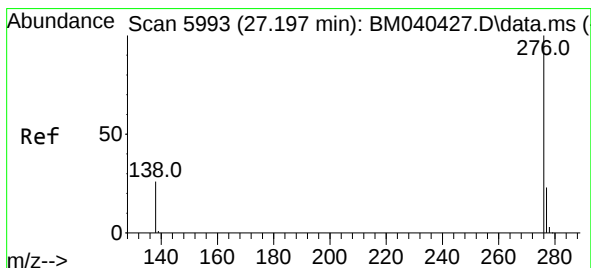
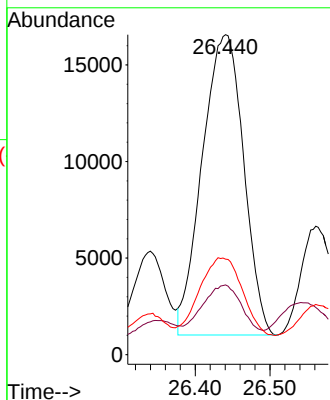
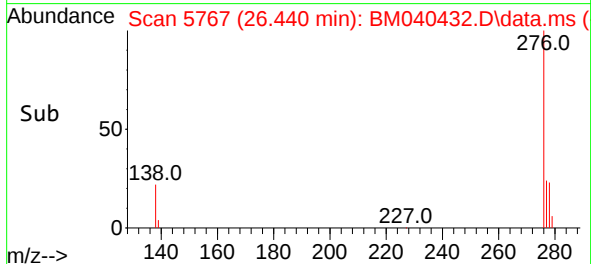
Instrument :
BNA_M
ClientSampleId :
DCFU1



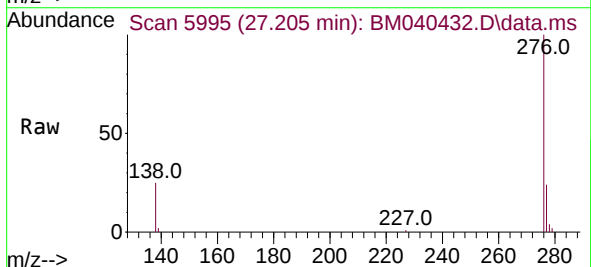
Tgt Ion:278 Resp: 59840
Ion Ratio Lower Upper
278 100
139 21.8 17.9 26.9
279 29.8 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.756 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43



Tgt Ion:276 Resp: 214700
Ion Ratio Lower Upper
276 100
138 24.6 23.0 34.6
277 24.5 20.3 30.5

