

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040430.D
 Acq On : 29 Jun 2023 10:29
 Operator : MA/JU
 Sample : 03143-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV6

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 03:04:37 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	5262	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	18910	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	9215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	19618	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.509	240	14128	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17424	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	18013	2.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4226	0.159	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	8013	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	15290	0.293	ng/ul	97
7) 2-Methylnaphthalene	12.411	142	8437	0.275	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	7261	0.237	ng/ul	100
10) Acenaphthylene	14.304	152	47785	1.161	ng/ul	100
11) Acenaphthene	14.647	153	12734	0.366	ng/ul	99
12) Fluorene	15.632	166	12489	0.337	ng/ul	99
15) Phenanthrene	17.370	178	446517	7.327	ng/ul	98
16) Anthracene	17.463	178	69894	1.365	ng/ul	99
19) Fluoranthene	19.384	202	1332356	22.201	ng/ul	95
20) Pyrene	19.747	202	1050882	16.333	ng/ul	98
21) Benzo(a)anthracene	21.494	228	495230	10.363	ng/ul	99
22) Chrysene	21.547	228	606174	11.120	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	906193	13.439	ng/ul	88
25) Benzo(k)fluoranthene	23.230	252	317162m	4.773	ng/ul	
26) Benzo(a)pyrene	23.818	252	557959	9.186	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	419668	4.961	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.441	278	101527	1.533	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	373077	5.032	ng/ul	94

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

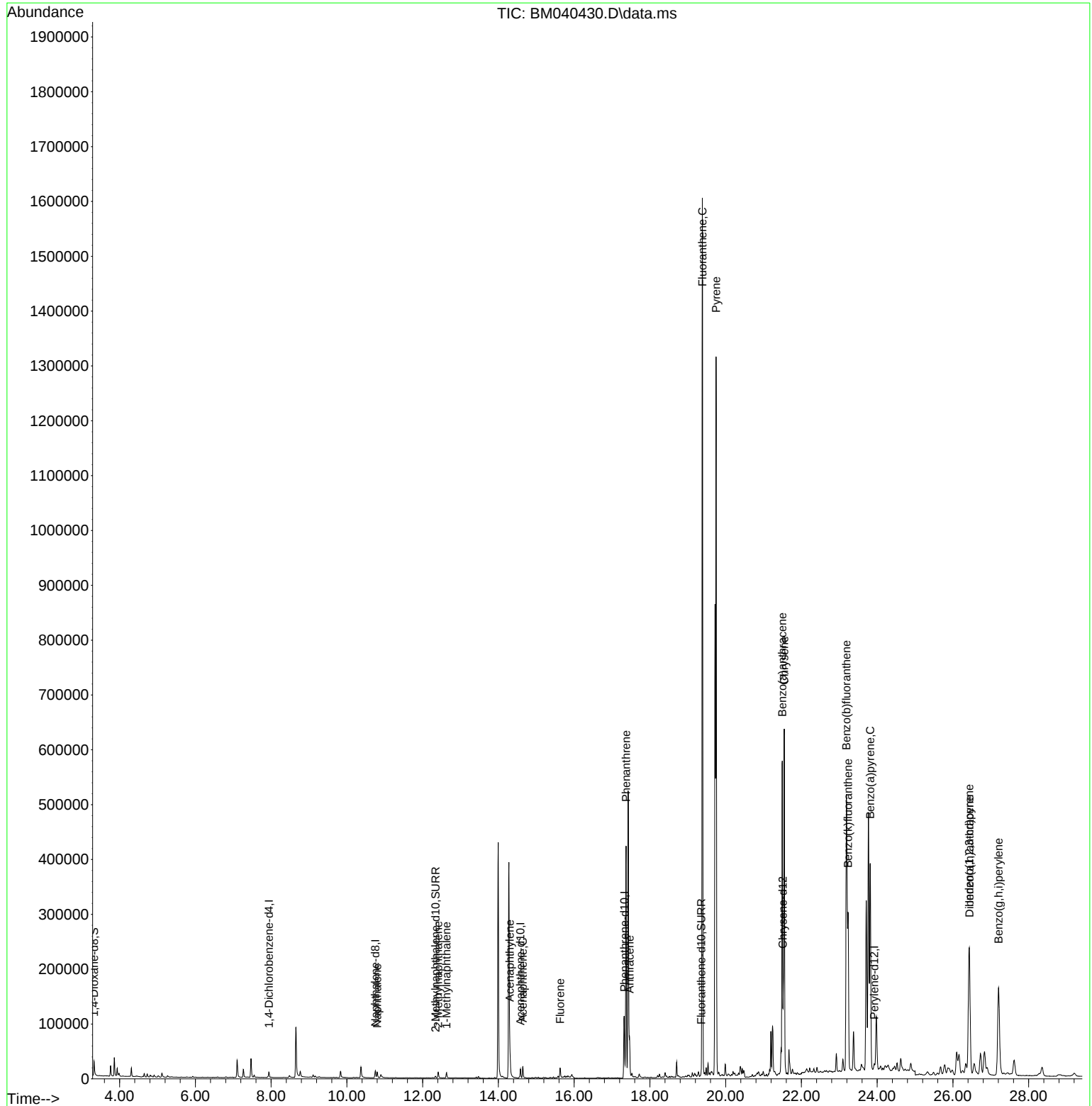
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040430.D
Acq On : 29 Jun 2023 10:29
Operator : MA/JU
Sample : 03143-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

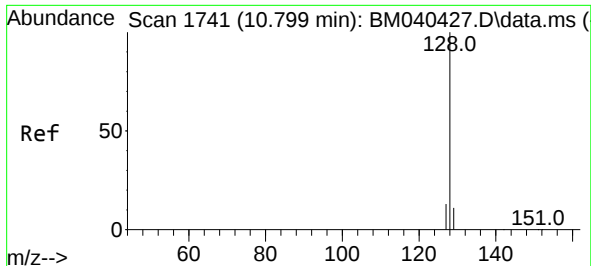
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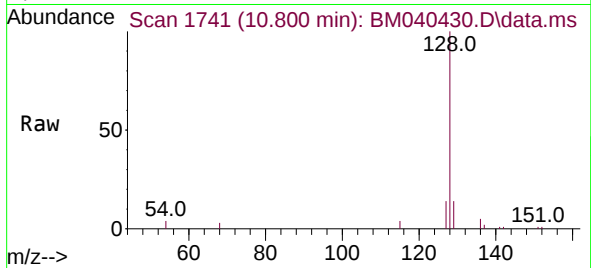
Quant Time: Jun 30 03:04:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

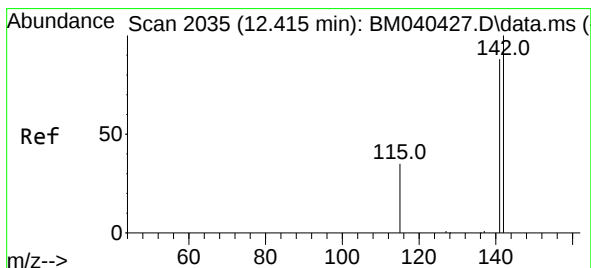
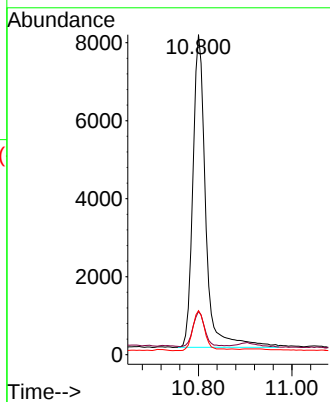
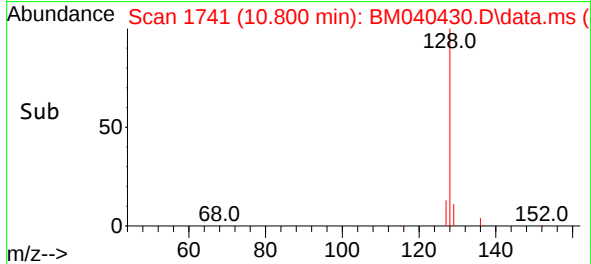
Instrument :
BNA_M
ClientSampleId :
DCFV6



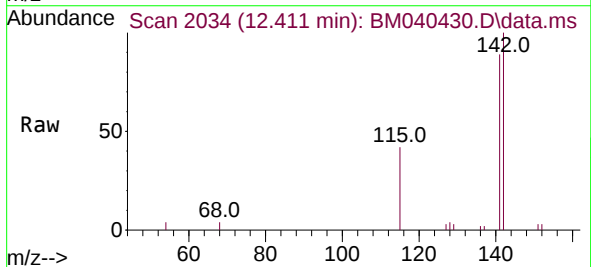
Tgt Ion:128 Resp: 15290
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 13.8 10.6 15.8

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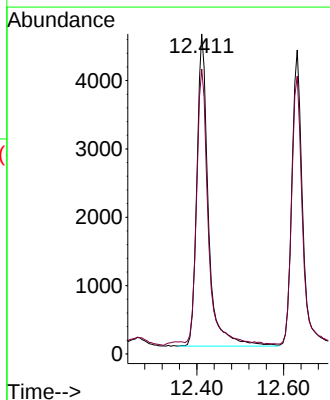
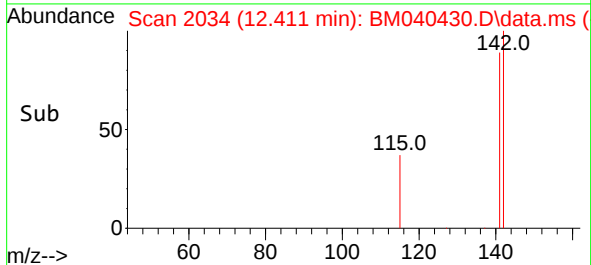
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

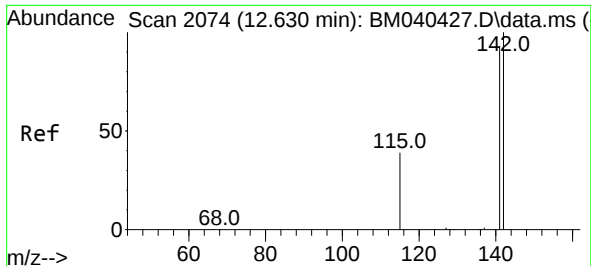


#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29



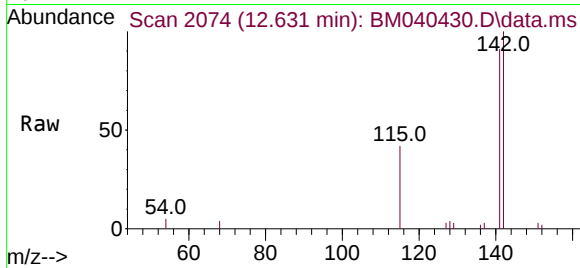
Tgt Ion:142 Resp: 8437
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

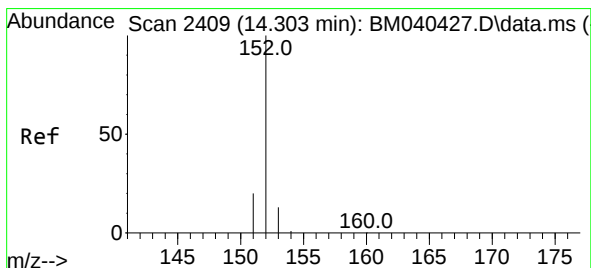
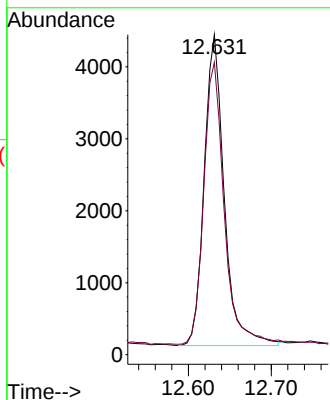
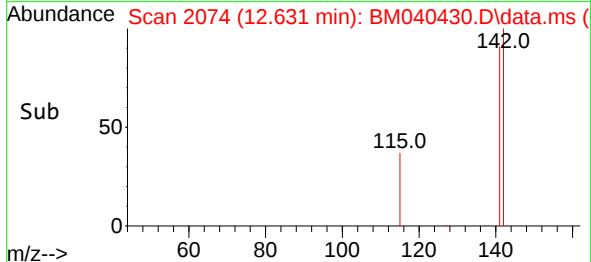
Instrument :
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Tgt Ion:142 Resp: 726
Ion Ratio Lower Upper
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141 91.8 73.7 110.5

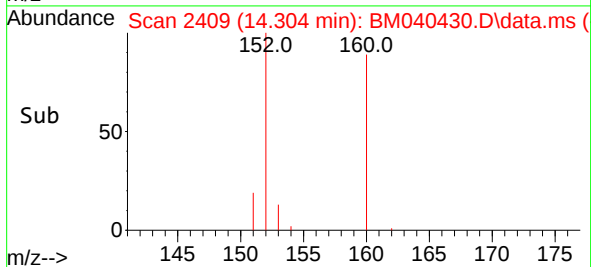
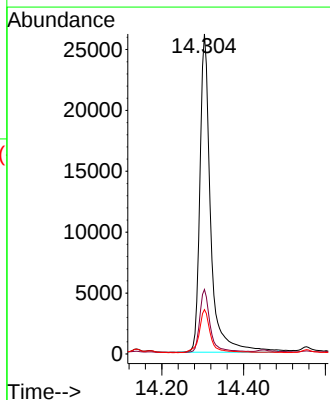
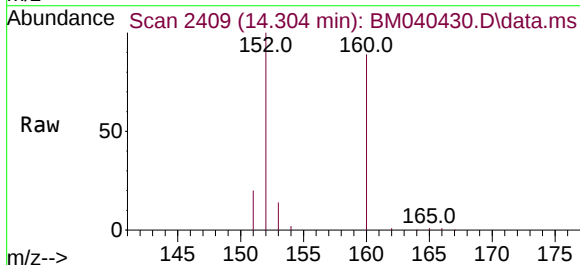
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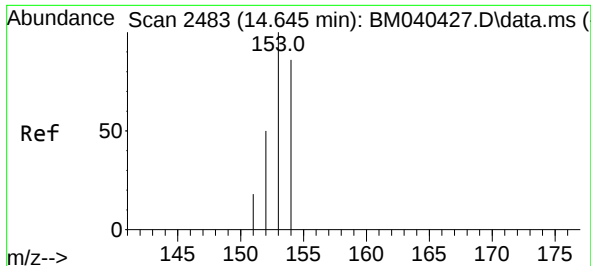
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 1.161 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

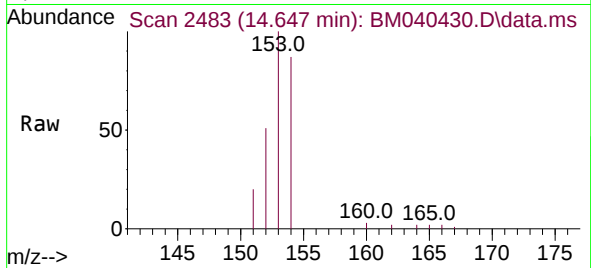
Tgt Ion:152 Resp: 47785
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.366 ng/u1
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

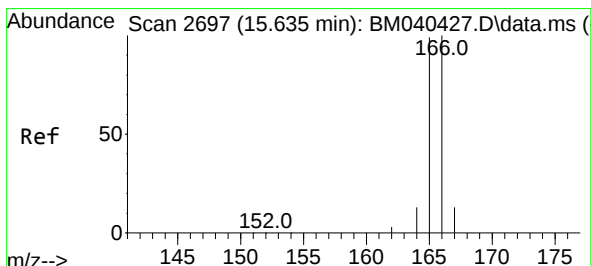
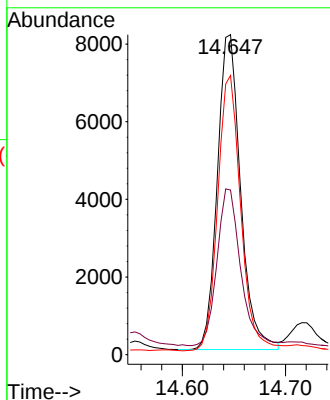
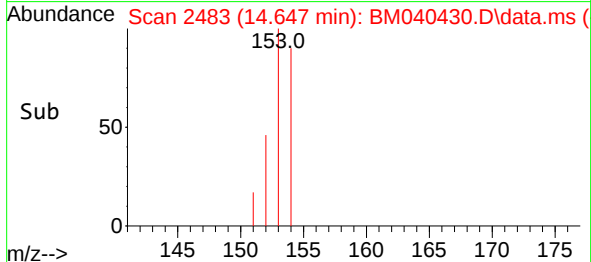
Instrument :
BNA_M
ClientSampleId :
DCFV6



Tgt Ion:153 Resp: 12734
Ion Ratio Lower Upper
153 100
152 51.4 41.0 61.4
154 87.2 70.8 106.2

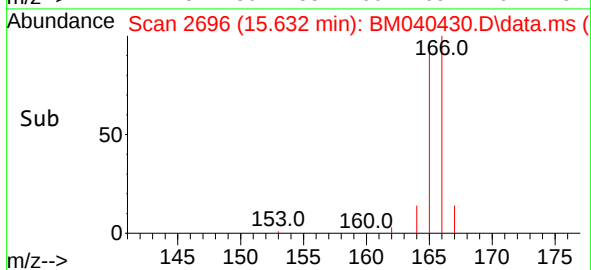
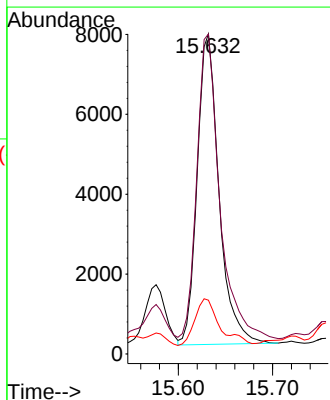
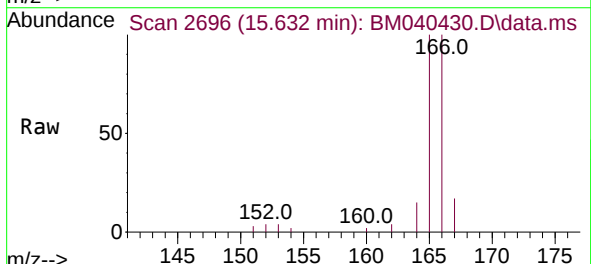
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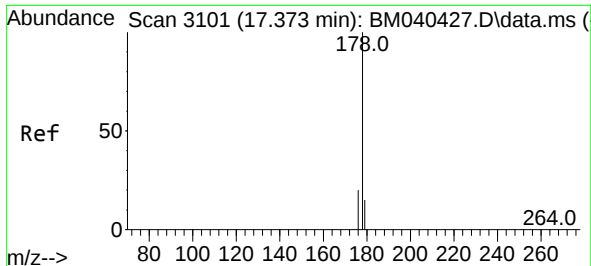
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.337 ng/u1
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

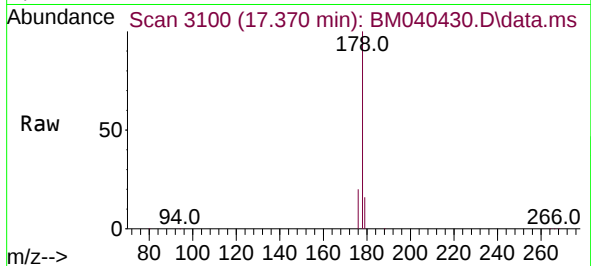
Tgt Ion:166 Resp: 12489
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 16.8 11.4 17.0





#15
Phenanthrene
Concen: 7.327 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

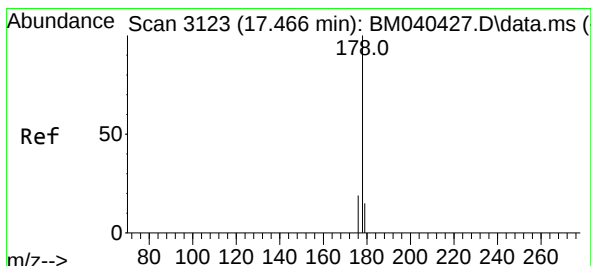
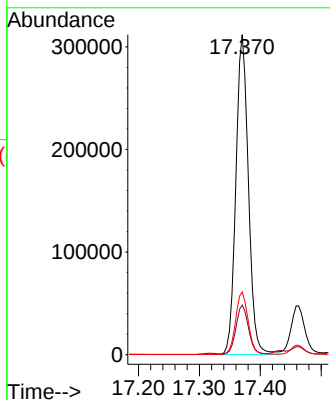
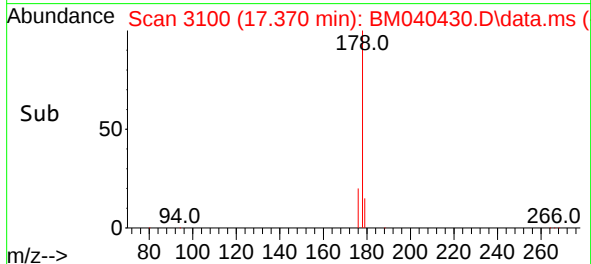
Instrument :
BNA_M
ClientSampleId :
DCFV6



Tgt Ion:178 Resp: 446517
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

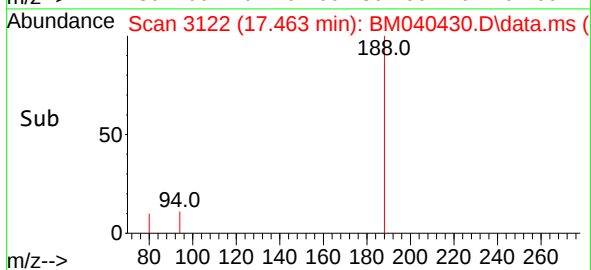
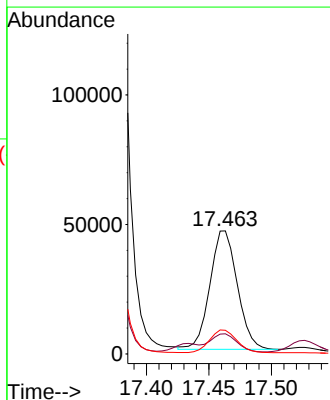
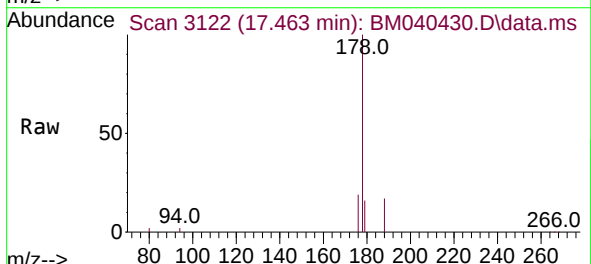
Manual Integrations
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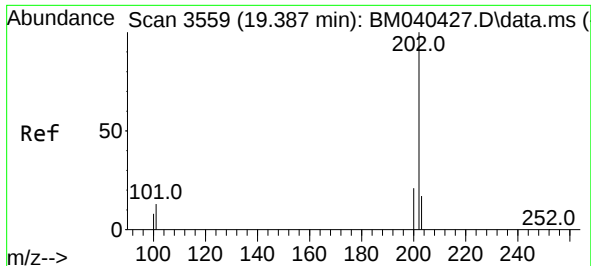
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 1.365 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

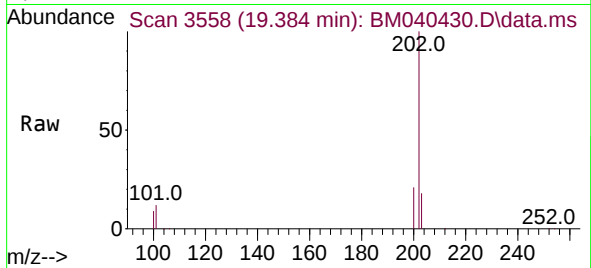
Tgt Ion:178 Resp: 69894
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 22.201 ng/u1
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

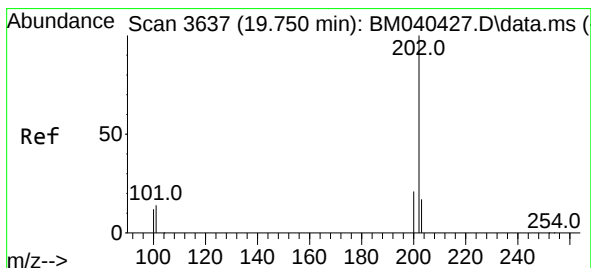
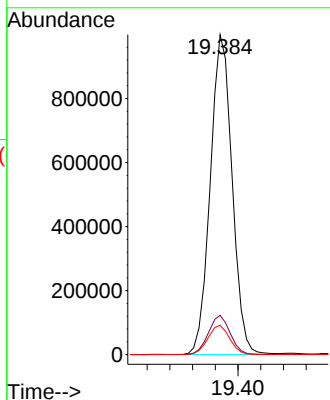
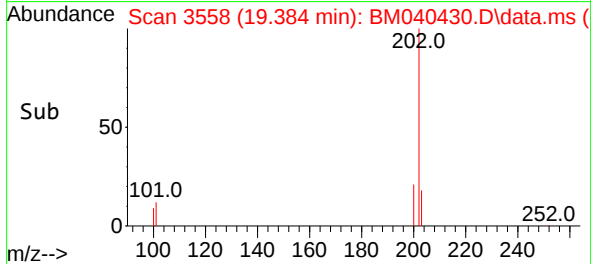
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ClientSampleId :
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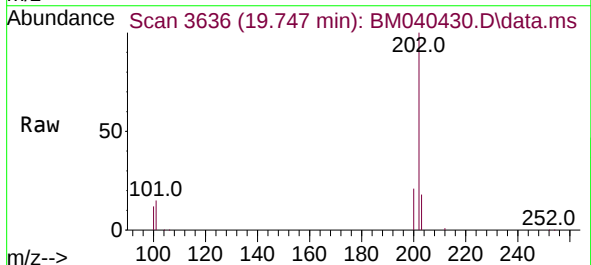
Tgt Ion:202 Resp: 1332350
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.2 8.7 13.1

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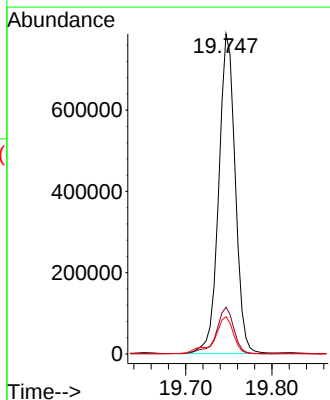
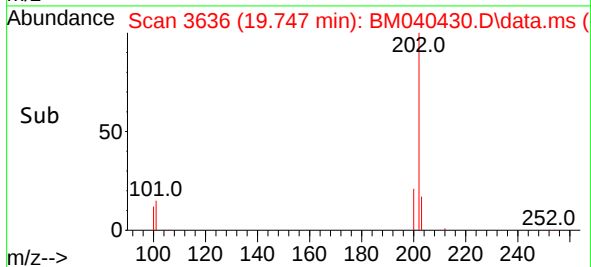
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

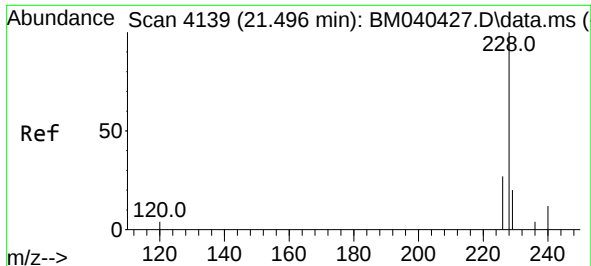


#20
Pyrene
Concen: 16.333 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29



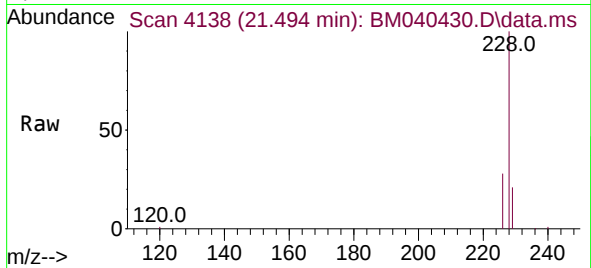
Tgt Ion:202 Resp: 1050882
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 10.363 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

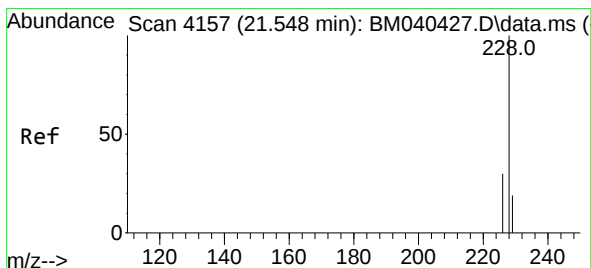
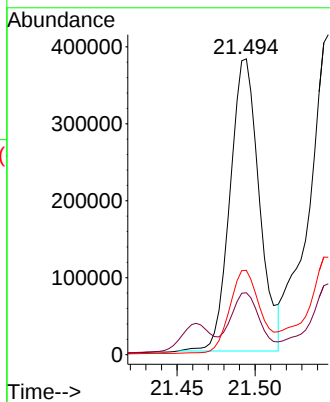
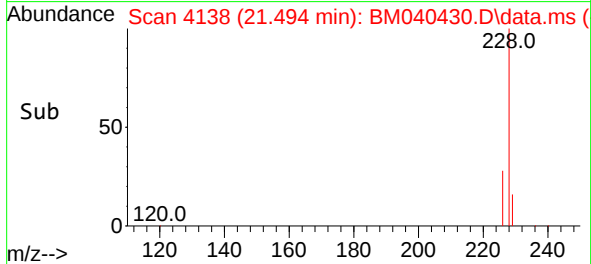
Instrument :
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DCFV6



Tgt Ion:228 Resp: 495230
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.5 22.3 33.5

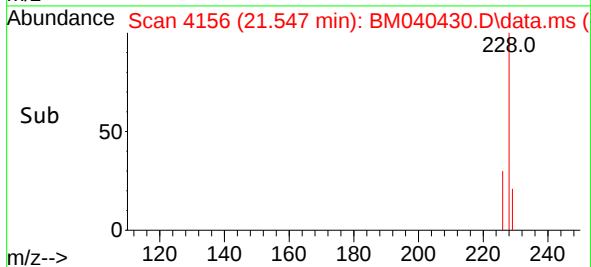
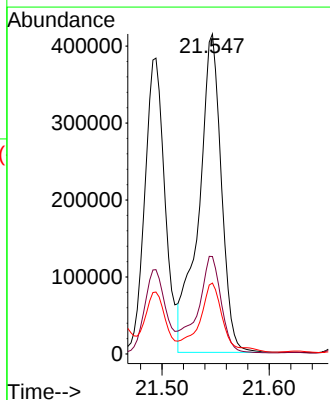
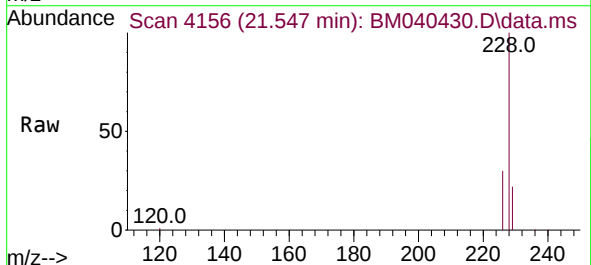
Manual Integrations
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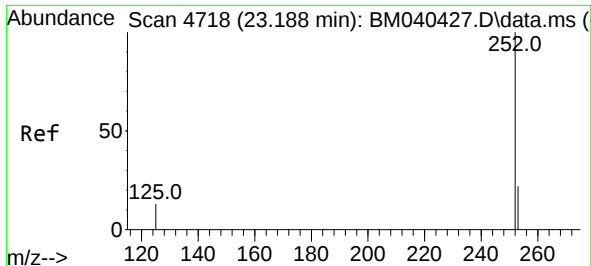
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 11.120 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

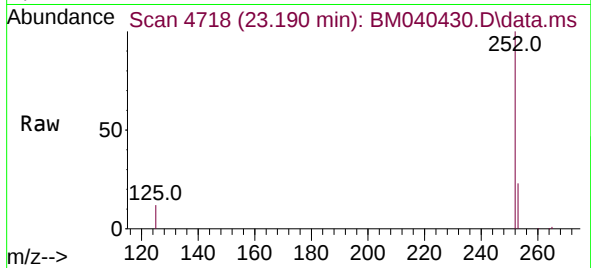
Tgt Ion:228 Resp: 606174
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 13.439 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

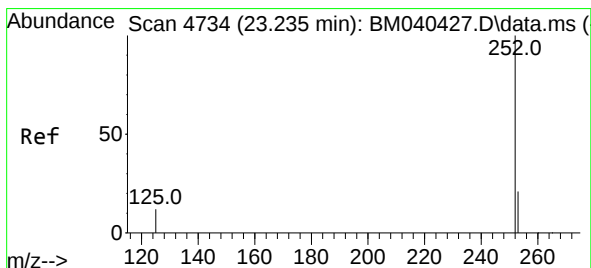
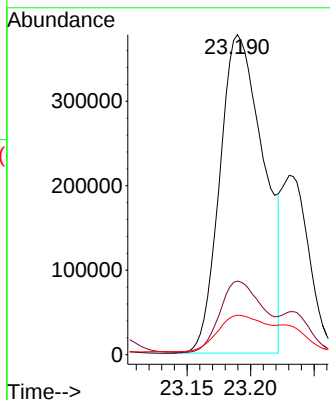
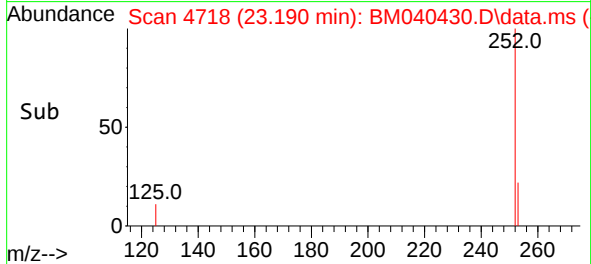
Instrument :
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ClientSampleId :
DCFV6



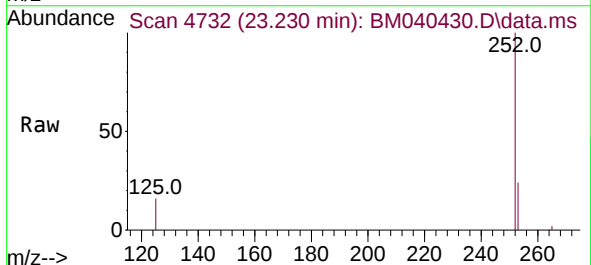
Tgt Ion:252 Resp: 90619
Ion Ratio Lower Upper
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253 23.0 0.0 52.8
125 12.4 0.0 43.0

Manual Integrations
APPROVED

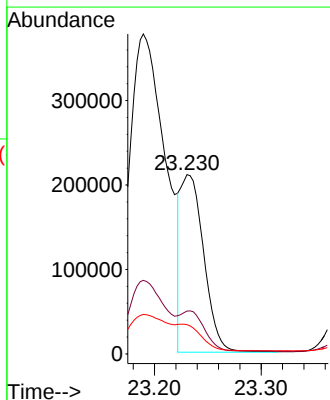
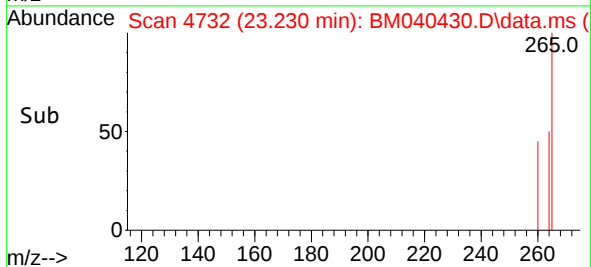
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

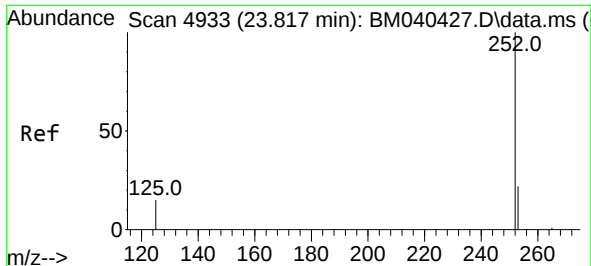


#25
Benzo(k)fluoranthene
Concen: 4.773 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29



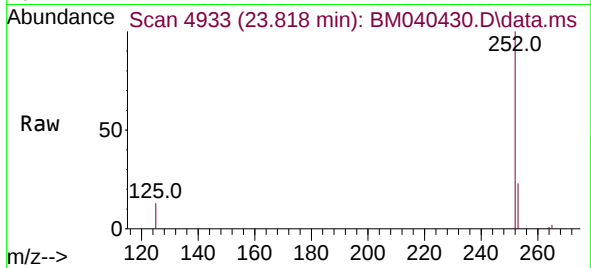
Tgt Ion:252 Resp: 317162
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 16.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 9.186 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

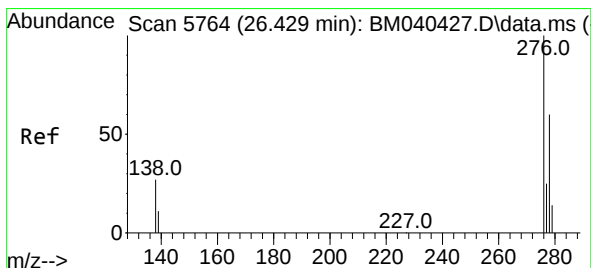
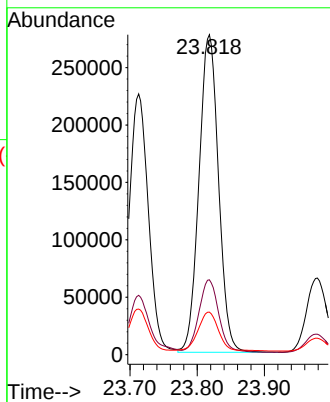
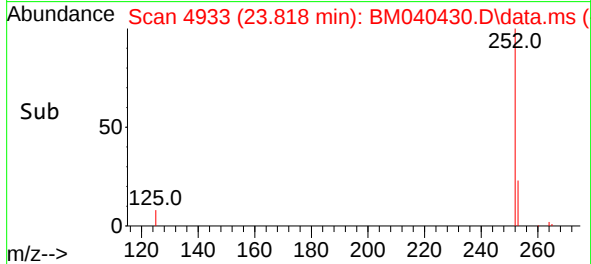
Instrument :
BNA_M
ClientSampleId :
DCFV6



Tgt Ion:252 Resp: 557959
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 13.3 21.0 31.4

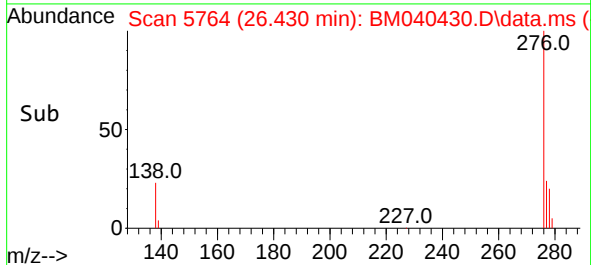
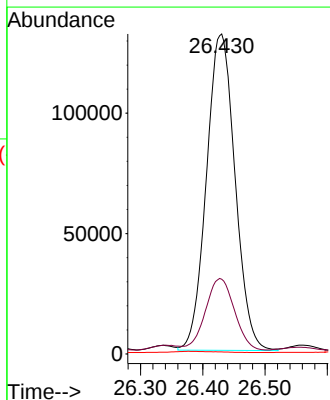
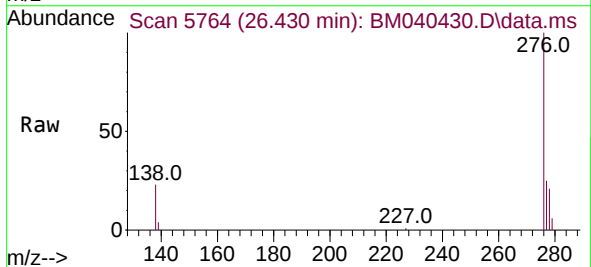
Manual Integrations
APPROVED

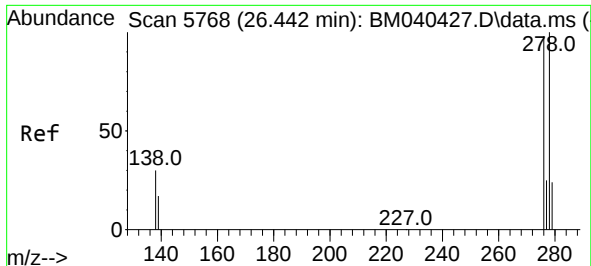
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.961 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

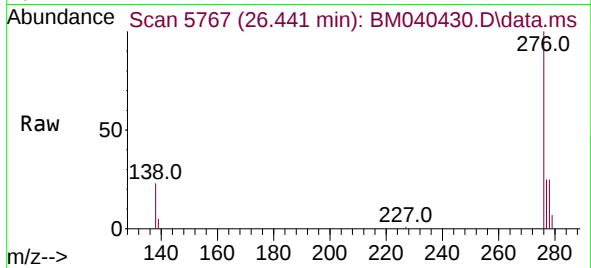
Tgt Ion:276 Resp: 419668
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.533 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

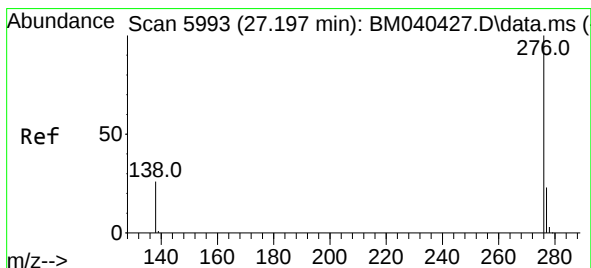
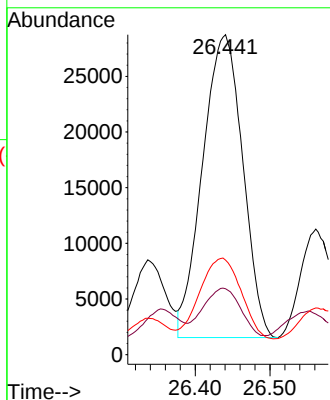
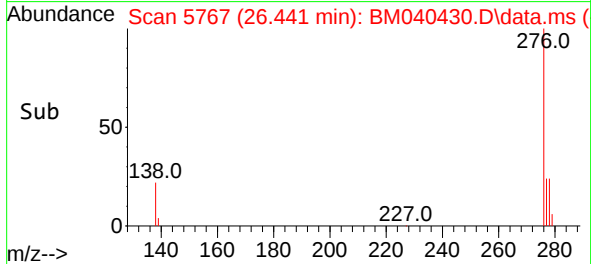
Instrument :
BNA_M
ClientSampleId :
DCFV6



Tgt Ion:278 Resp: 10152
Ion Ratio Lower Upper
278 100
139 20.6 17.9 26.9
279 29.6 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: 5.032 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:276 Resp: 373077
Ion Ratio Lower Upper
276 100
138 24.1 23.0 34.6
277 24.2 20.3 30.5

