

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040435.D
 Acq On : 29 Jun 2023 13:35
 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV0

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 03:05:27 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	7.945	152	7539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	26950	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.586	164	13249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	25162	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	14295	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	15751	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	37418	3.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	8487	0.225	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	12104	0.264	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.800	128	46435	0.625	ng/ul	99
7) 2-Methylnaphthalene	12.411	142	14116	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	7991	0.183	ng/ul	100
10) Acenaphthylene	14.304	152	33951	0.574	ng/ul	99
11) Acenaphthene	14.647	153	7065	0.141	ng/ul	99
12) Fluorene	15.632	166	6505	0.122	ng/ul#	95
15) Phenanthrene	17.370	178	126372	1.617	ng/ul	99
16) Anthracene	17.463	178	35385	0.539	ng/ul	99
19) Fluoranthene	19.384	202	291550	4.801	ng/ul	96
20) Pyrene	19.747	202	227955	3.502	ng/ul	99
21) Benzo(a)anthracene	21.491	228	156230	3.231	ng/ul	98
22) Chrysene	21.547	228	187976	3.408	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	345936	5.675	ng/ul	90
25) Benzo(k)fluoranthene	23.233	252	108454m	1.805	ng/ul	
26) Benzo(a)pyrene	23.818	252	220844	4.022	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.427	276	198211	2.592	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.441	278	49543	0.827	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	184885	2.758	ng/ul	95

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

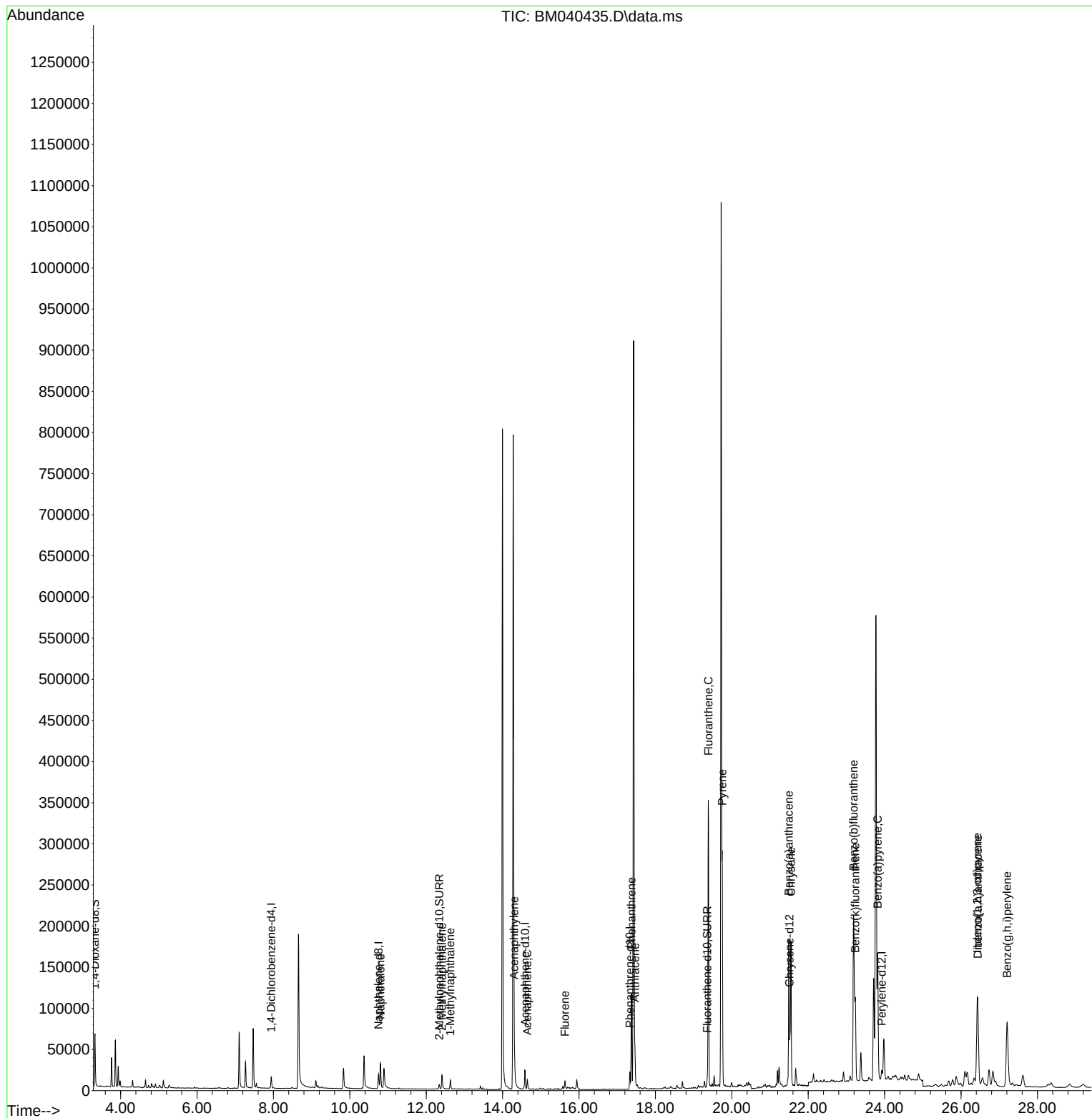
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040435.D
Acq On : 29 Jun 2023 13:35
Operator : MA/JU
Sample : 03143-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

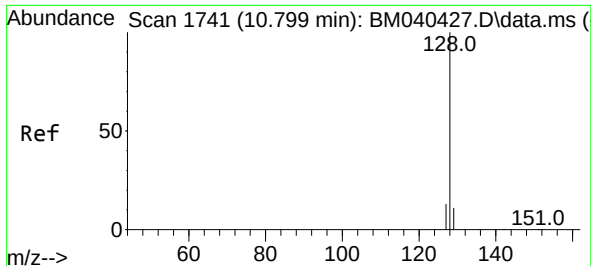
Instrument :
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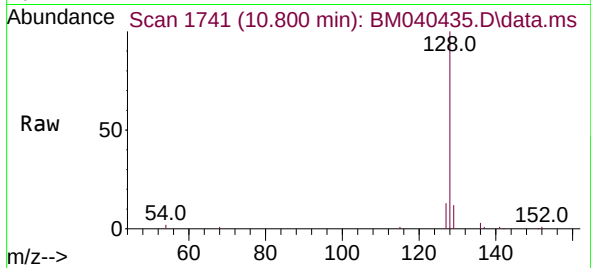
Quant Time: Jun 30 03:05:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.625 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

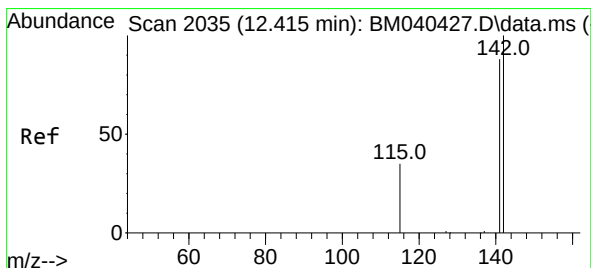
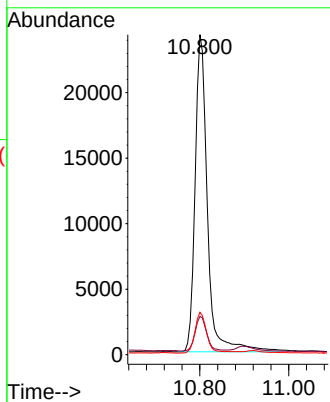
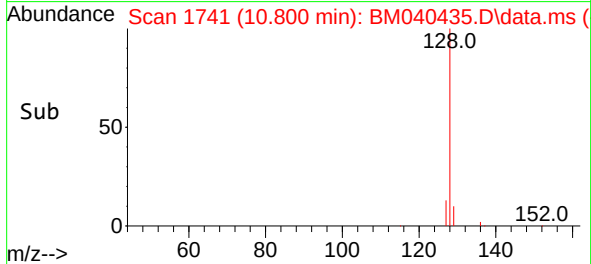
Instrument :
BNA_M
ClientSampleId :
DCFV0



Tgt Ion:128 Resp: 46435
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.3 10.6 15.8

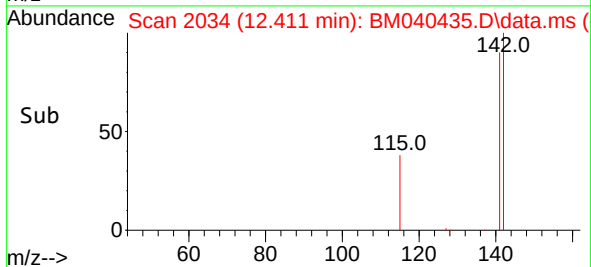
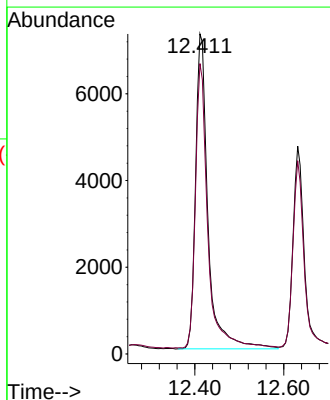
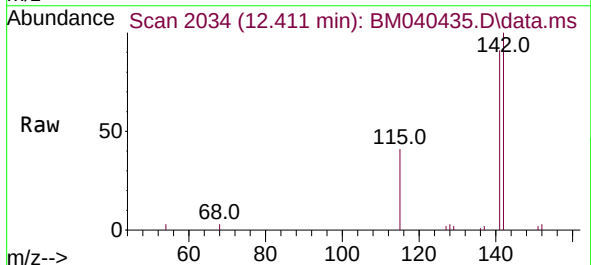
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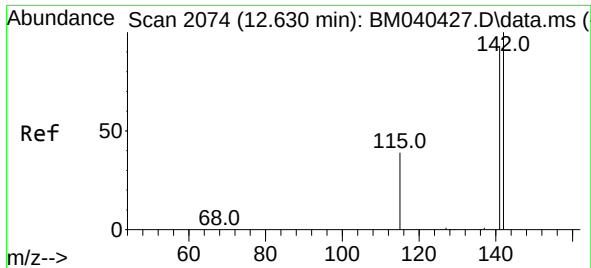
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

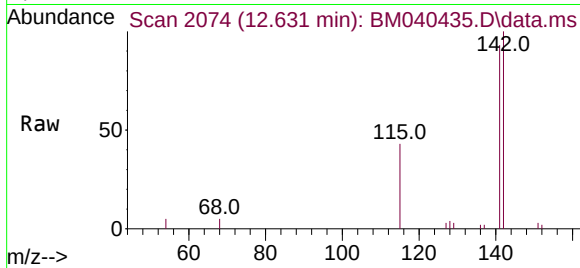
Tgt Ion:142 Resp: 14116
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

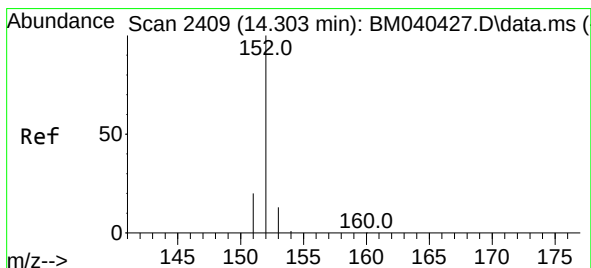
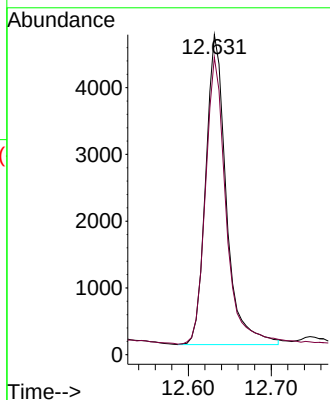
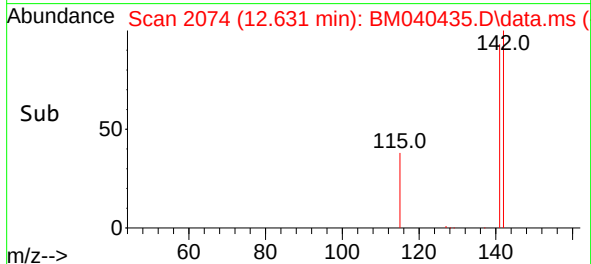
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 799
Ion Ratio Lower Upper
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141 92.5 73.7 110.5

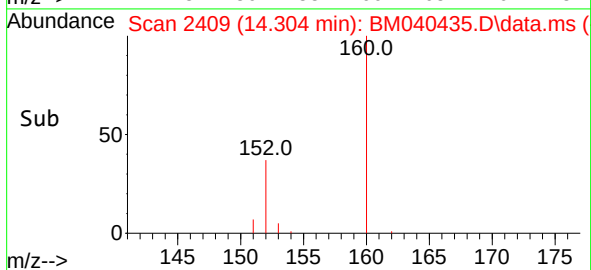
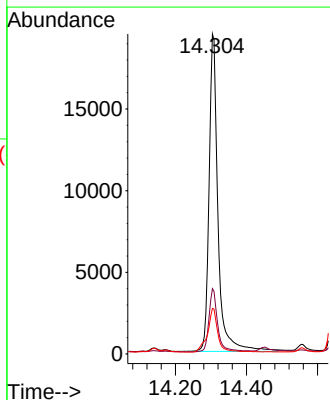
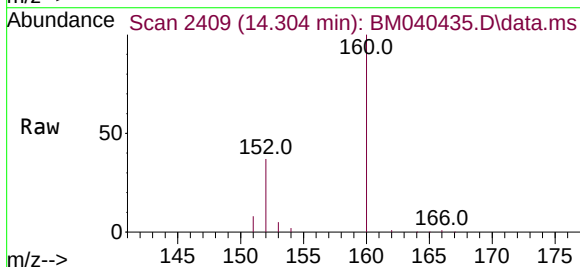
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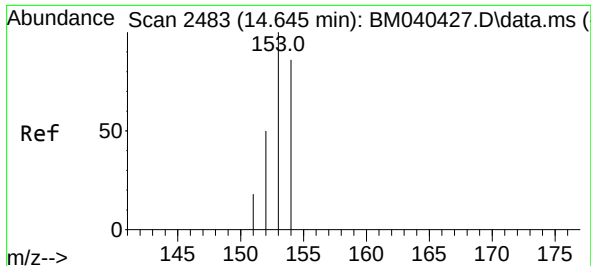
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.574 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

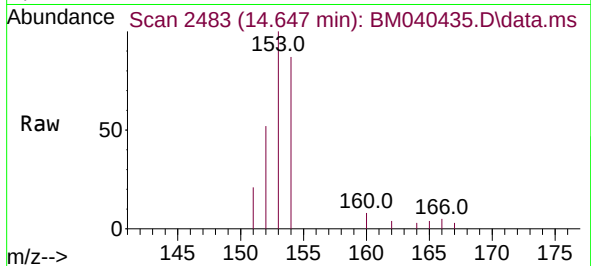
Tgt Ion:152 Resp: 33951
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

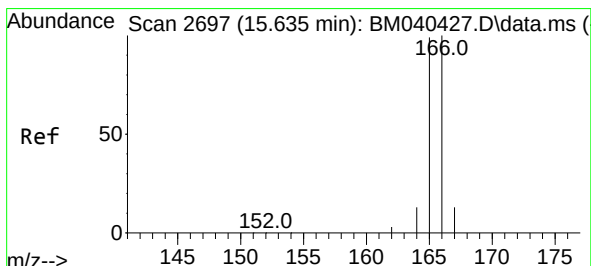
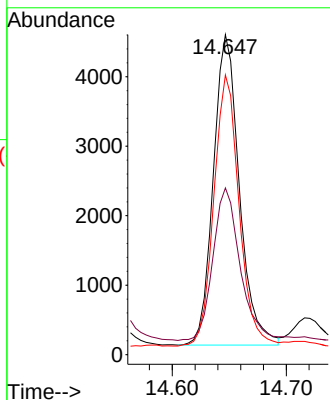
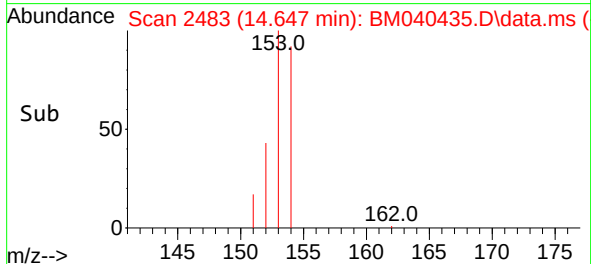
Instrument :
BNA_M
ClientSampleId :
DCFV0



Tgt Ion:153 Resp: 7065
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 87.4 70.8 106.2

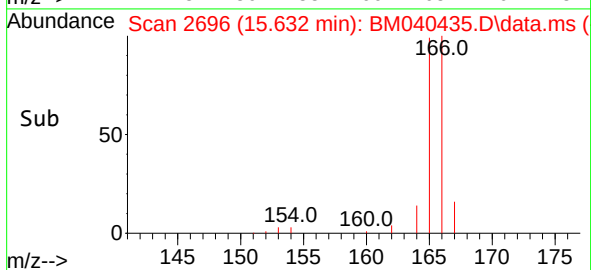
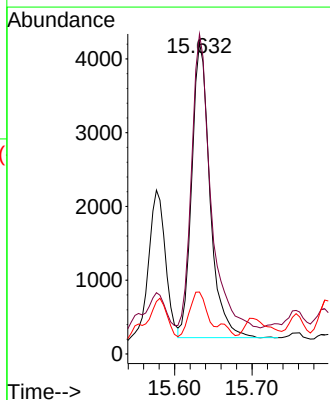
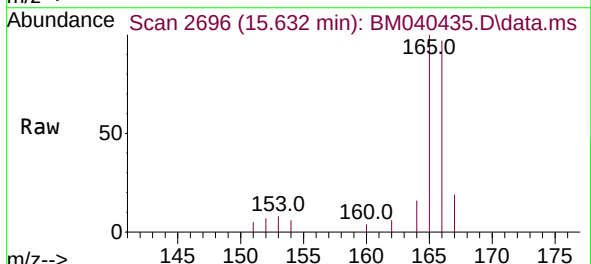
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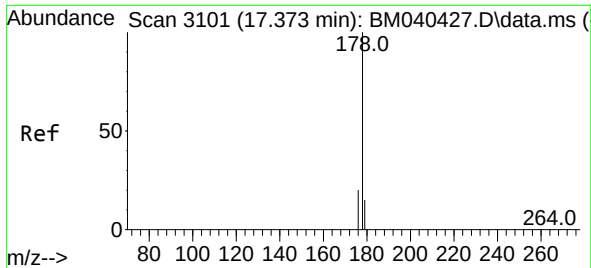
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.122 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

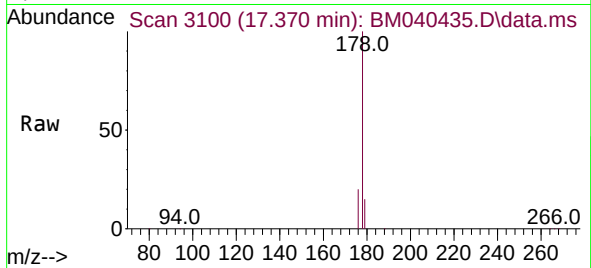
Tgt Ion:166 Resp: 6505
Ion Ratio Lower Upper
166 100
165 102.7 79.6 119.4
167 19.9 11.4 17.0#





#15
Phenanthrene
Concen: 1.617 ng/u1
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

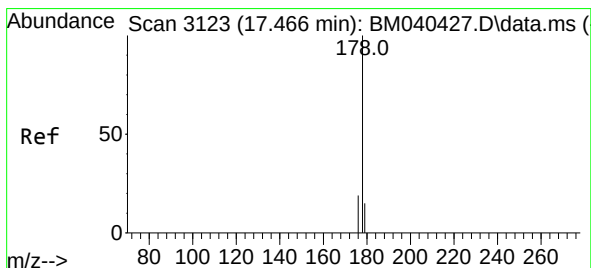
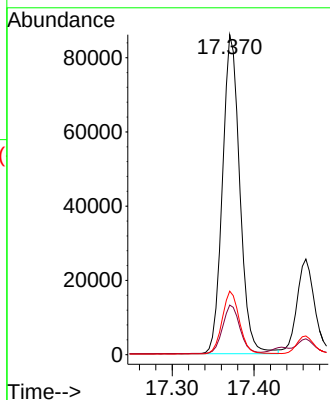
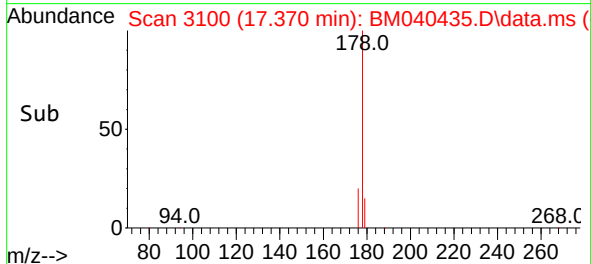
Instrument :
BNA_M
ClientSampleId :
DCFV0



Tgt Ion:178 Resp: 126372
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.9 16.4 24.6

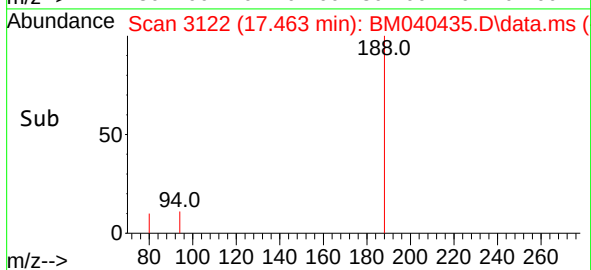
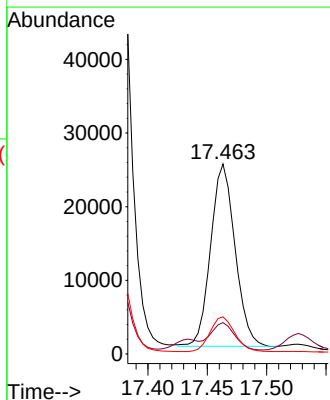
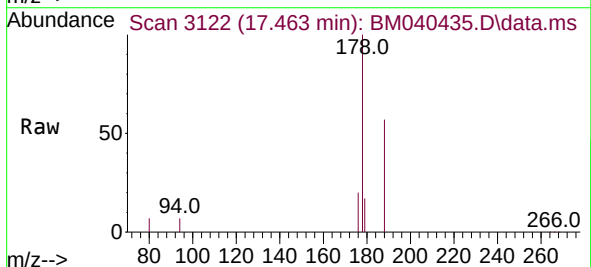
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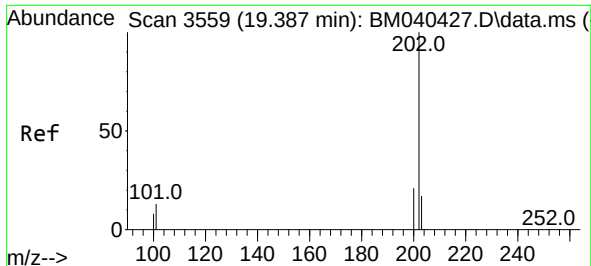
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.539 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

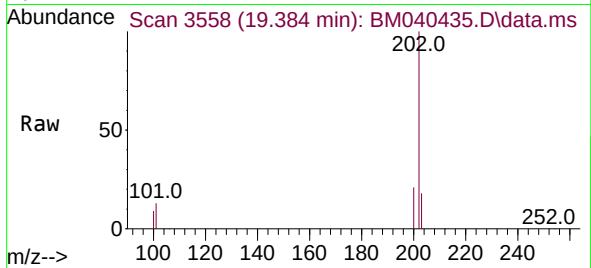
Tgt Ion:178 Resp: 35385
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.6 15.8 23.6





#19
Fluoranthene
Concen: 4.801 ng/u1
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

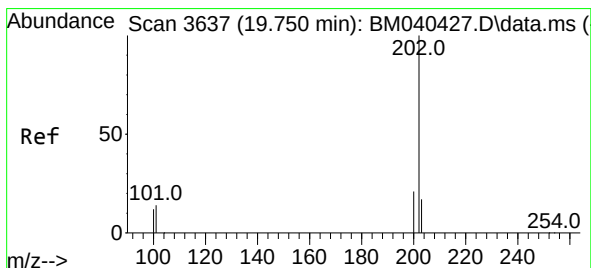
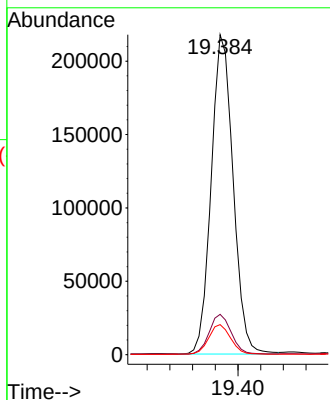
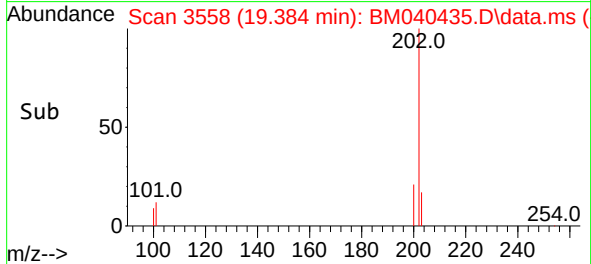
Instrument :
BNA_M
ClientSampleId :
DCFV0



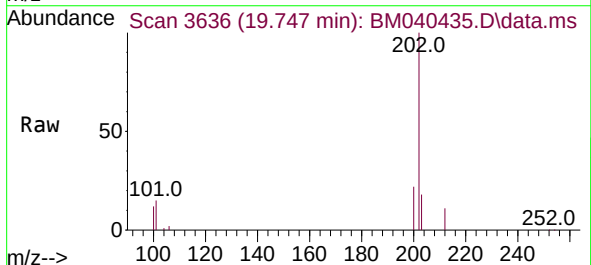
Tgt Ion:202 Resp: 291550
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.4 8.7 13.1

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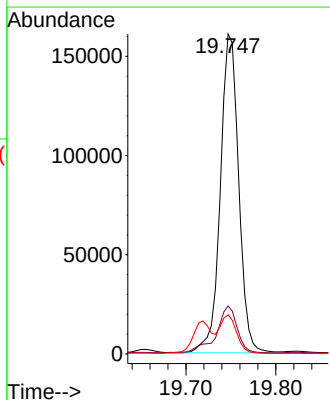
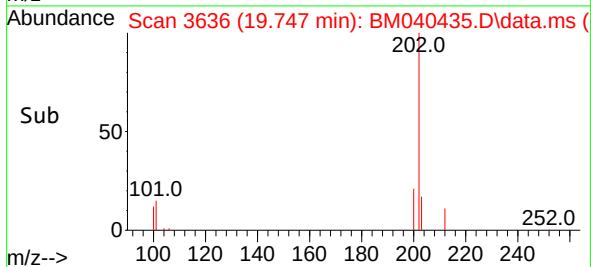
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

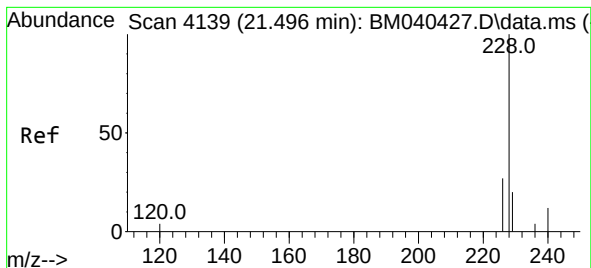


#20
Pyrene
Concen: 3.502 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35



Tgt Ion:202 Resp: 227955
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 3.231 ng/ul

RT: 21.491 min Scan# 4139

Delta R.T. -0.009 min

Lab File: BM040435.D

Acq: 29 Jun 2023 13:35

Instrument :

BNA_M

ClientSampleId :

DCFV0

Tgt Ion:228 Resp: 156230

Ion Ratio Lower Upper

228 100

229 21.3 16.0 24.0

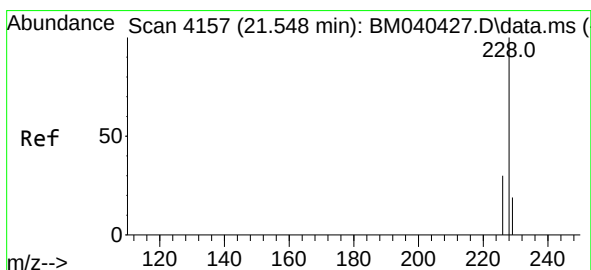
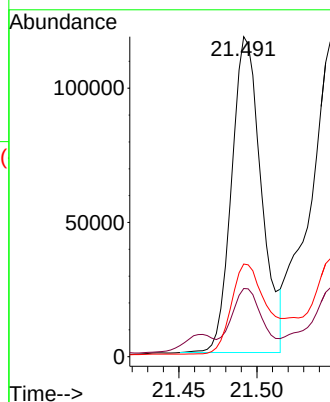
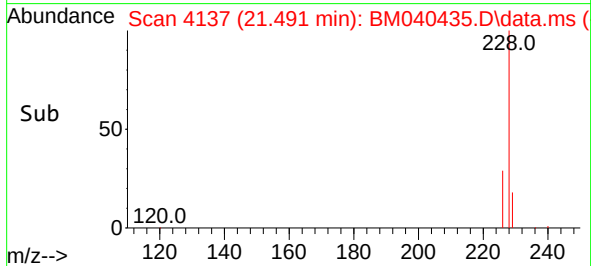
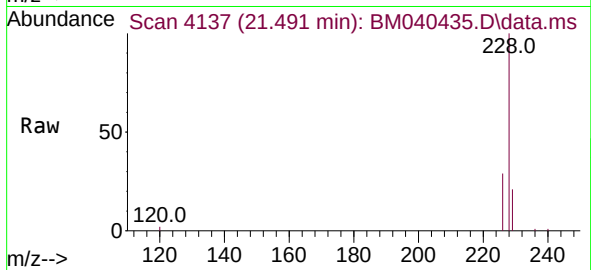
226 28.9 22.3 33.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#22

Chrysene

Concen: 3.408 ng/ul

RT: 21.547 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BM040435.D

Acq: 29 Jun 2023 13:35

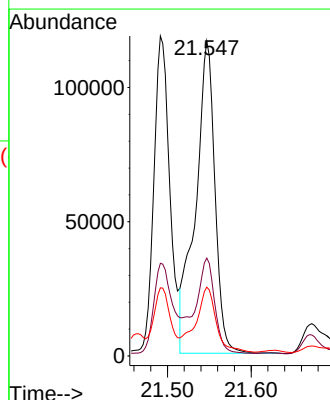
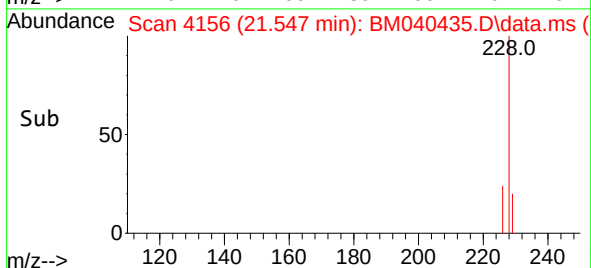
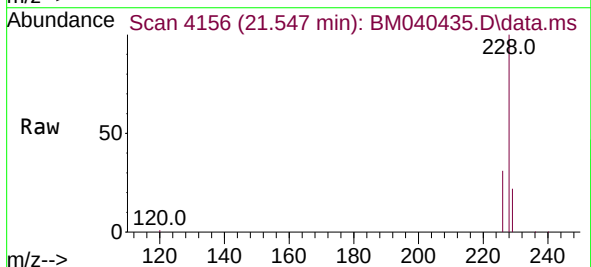
Tgt Ion:228 Resp: 187976

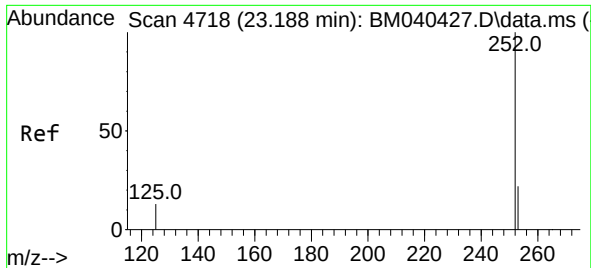
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

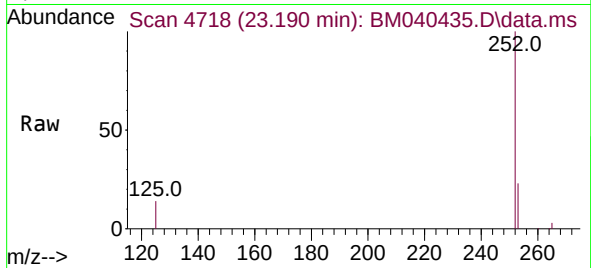
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.675 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

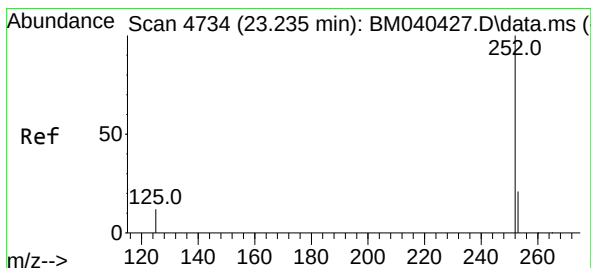
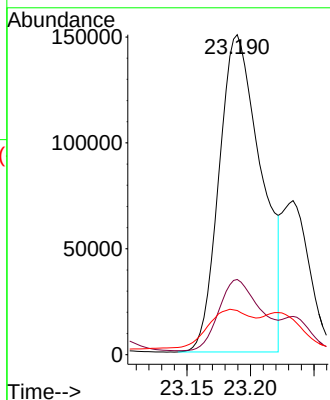
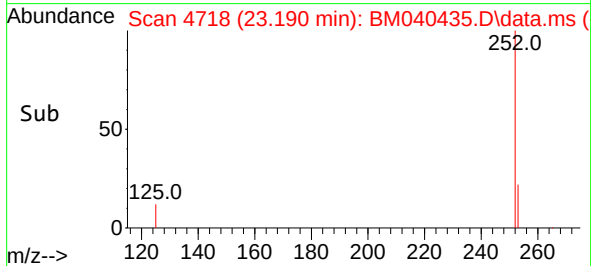
Instrument :
BNA_M
ClientSampleId :
DCFV0



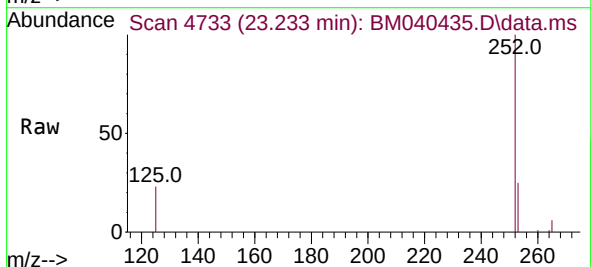
Tgt Ion:252 Resp: 345930
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 13.8 0.0 43.0

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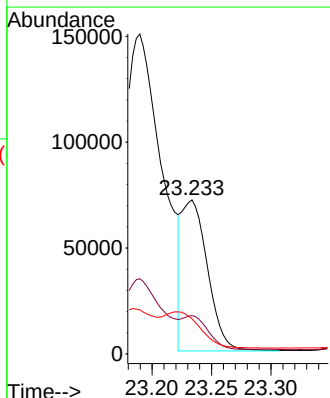
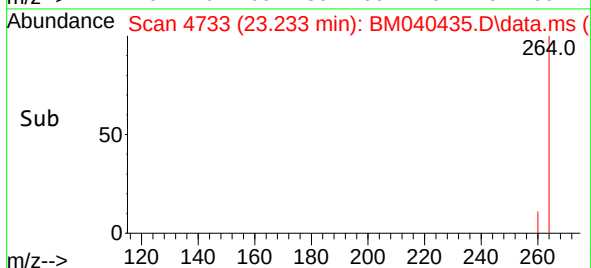
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

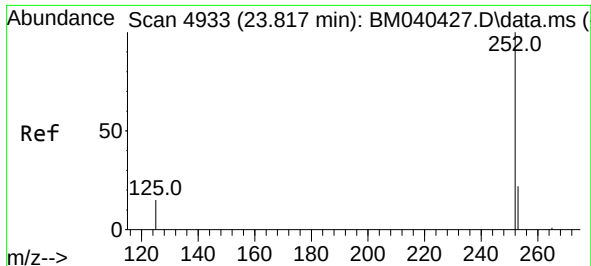


#25
Benzo(k)fluoranthene
Concen: 1.805 ng/ul m
RT: 23.233 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35



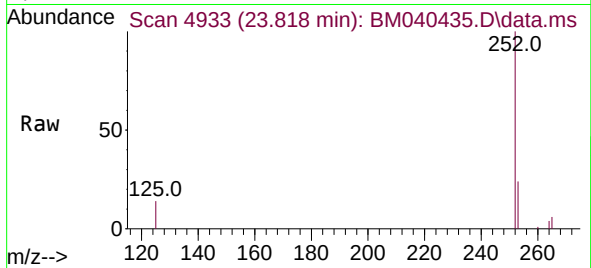
Tgt Ion:252 Resp: 108454
Ion Ratio Lower Upper
252 100
253 24.9 21.2 31.8
125 22.9 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.022 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

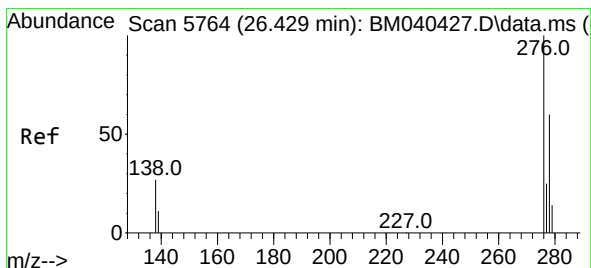
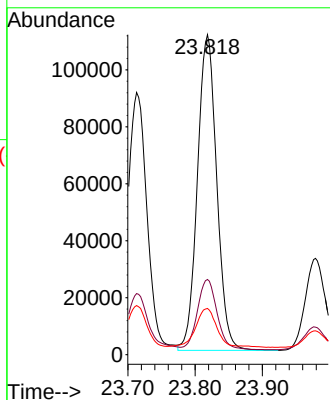
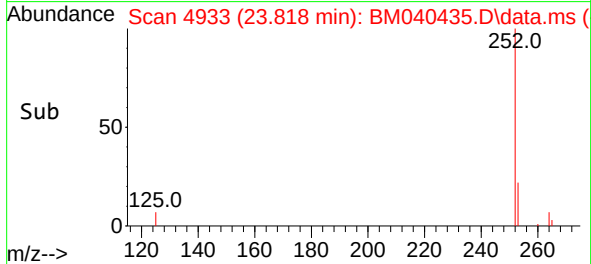
Instrument :
BNA_M
ClientSampleId :
DCFV0



Tgt Ion:252 Resp: 220844
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 14.4 21.0 31.4

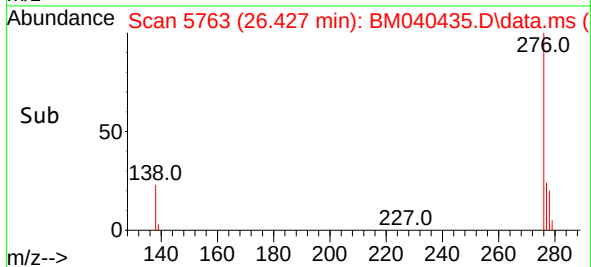
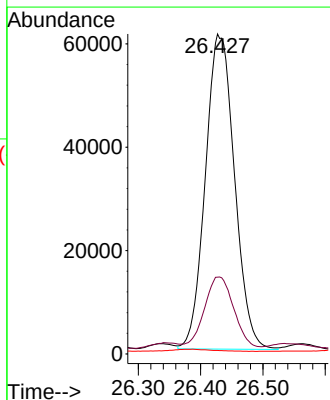
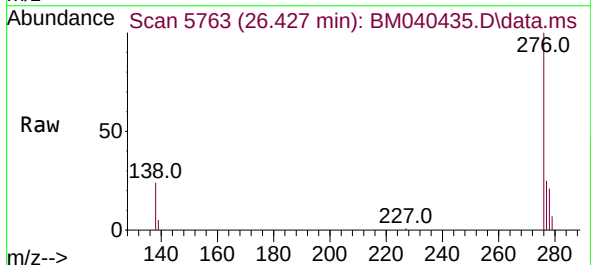
Manual Integrations
APPROVED

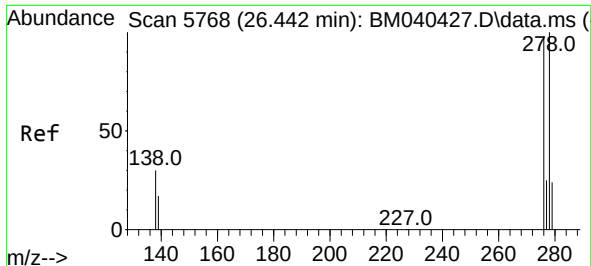
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.592 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

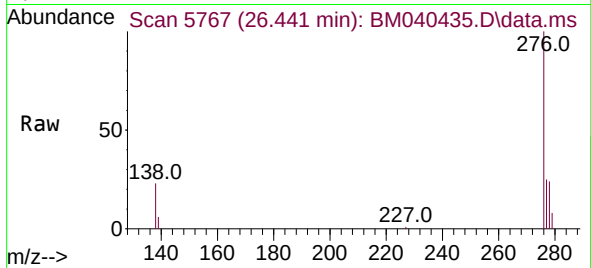
Tgt Ion:276 Resp: 198211
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.827 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35

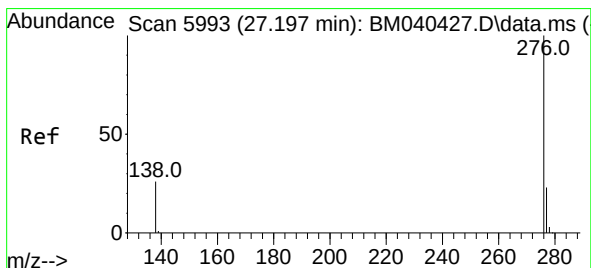
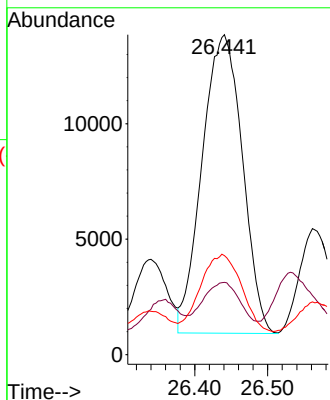
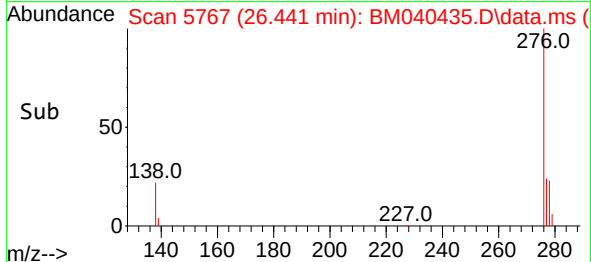
Instrument :
BNA_M
ClientSampleId :
DCFV0



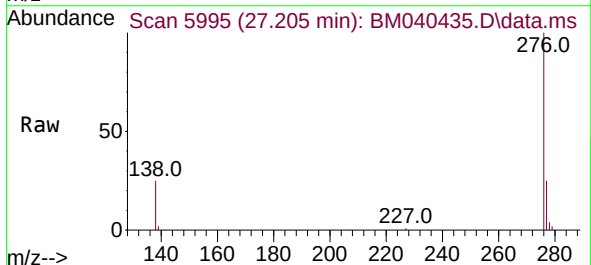
Tgt Ion:278 Resp: 4954
Ion Ratio Lower Upper
278 100
139 22.6 17.9 26.9
279 31.0 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.758 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040435.D
Acq: 29 Jun 2023 13:35



Tgt Ion:276 Resp: 184885
Ion Ratio Lower Upper
276 100
138 24.6 23.0 34.6
277 24.5 20.3 30.5

