

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043126.D
 Acq On : 01 Dec 2023 17:19
 Operator : MA/JU
 Sample : 05459-21DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 00:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1044	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.622	136	2799	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2747	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	2144	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	3304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	581	0.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	132	0.035	ng/ul	0.02
18) Fluoranthene-d10	19.238	212	402	0.051	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.671	128	292	0.038	ng/ul#	44
10) Acenaphthylene	14.181	152	513	0.069	ng/ul#	73
15) Phenanthrene	17.254	178	3666	0.468	ng/ul	98
16) Anthracene	17.351	178	1207m	0.163	ng/ul	
19) Fluoranthene	19.266	202	8962	0.737	ng/ul#	94
20) Pyrene	19.633	202	7323	0.567	ng/ul	96
21) Benzo(a)anthracene	21.388	228	3235	0.465	ng/ul	98
22) Chrysene	21.438	228	3315	0.256	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	4270	0.383	ng/ul	96
25) Benzo(k)fluoranthene	23.072	252	2020m	0.132	ng/ul	
26) Benzo(a)pyrene	23.642	252	2639	0.217	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.202	276	2566	0.156	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.208	278	527	0.041	ng/ul#	45
29) Benzo(g,h,i)perylene	26.966	276	1858	0.116	ng/ul#	91

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

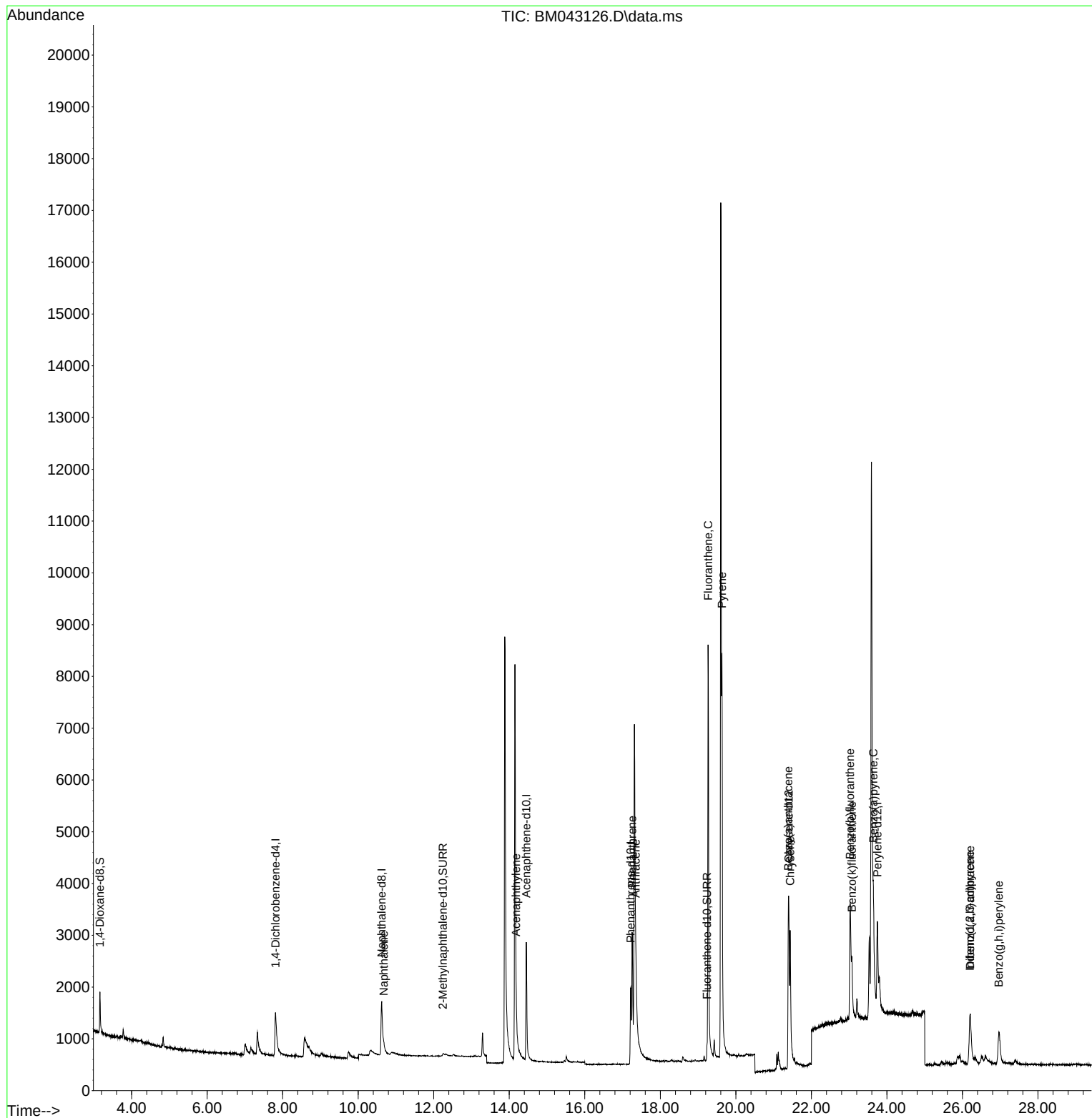
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043126.D
Acq On : 01 Dec 2023 17:19
Operator : MA/JU
Sample : 05459-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

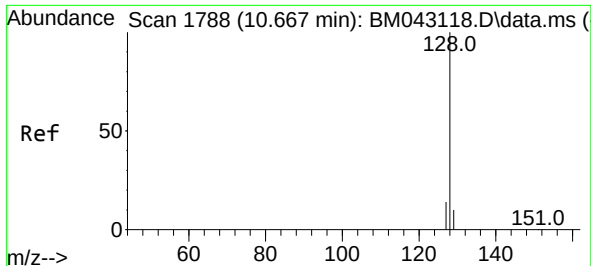
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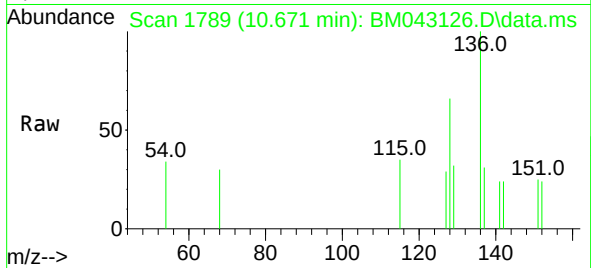
Quant Time: Dec 02 00:07:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
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#5
Naphthalene
Concen: 0.038 ng/u1
RT: 10.671 min Scan# 1789
Delta R.T. 0.004 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

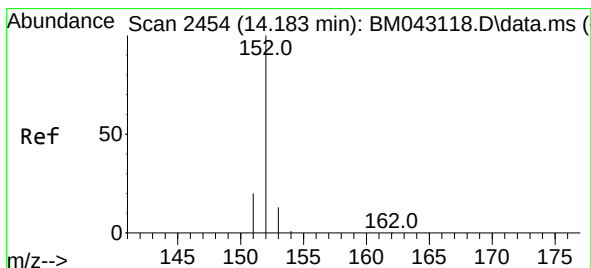
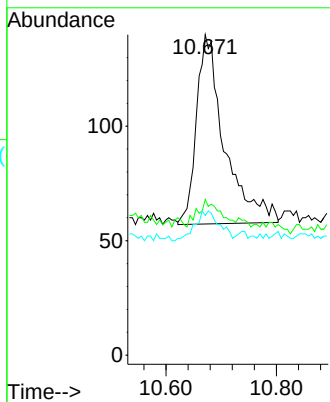
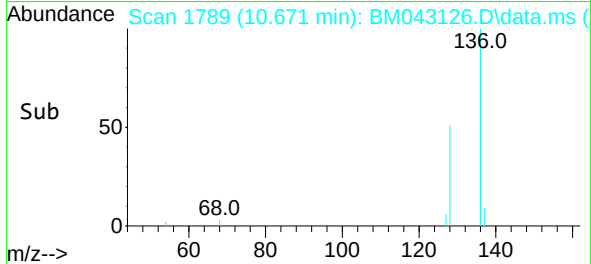
Instrument :
BNA_M
ClientSampleId :
C0AA9DL



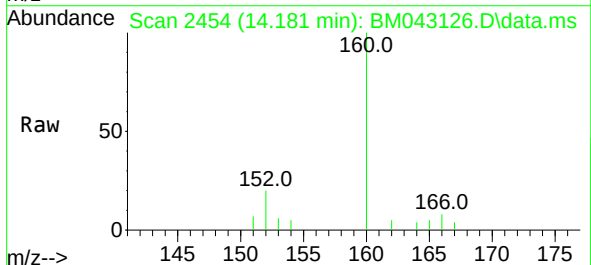
Tgt Ion:128 Resp: 292
Ion Ratio Lower Upper
128 100
129 48.6 16.0 24.0#
127 43.6 16.5 24.7#

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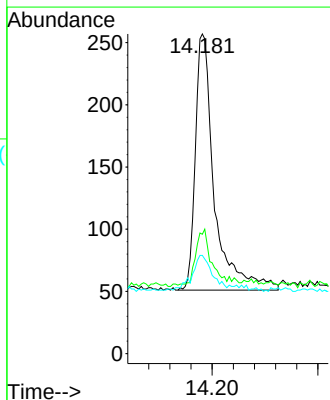
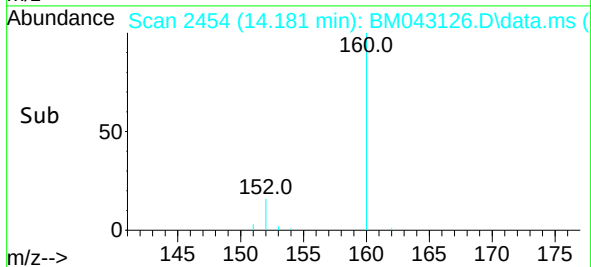
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

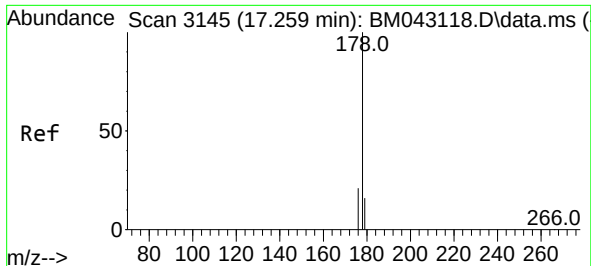


#10
Acenaphthylene
Concen: 0.069 ng/u1
RT: 14.181 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19



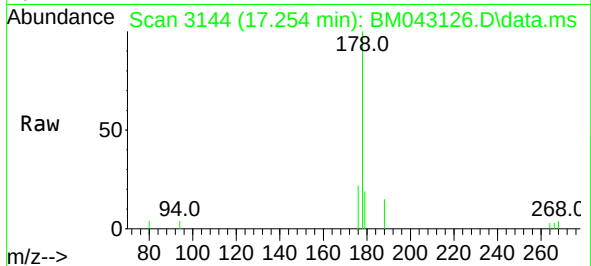
Tgt Ion:152 Resp: 513
Ion Ratio Lower Upper
152 100
151 37.4 19.4 29.0#
153 30.7 14.6 21.8#





#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

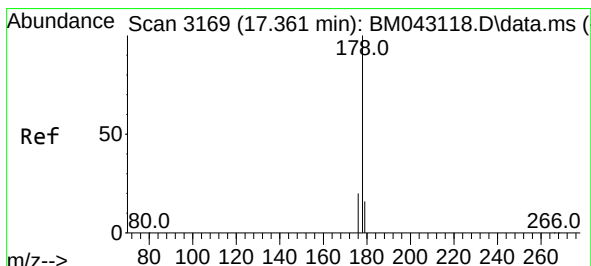
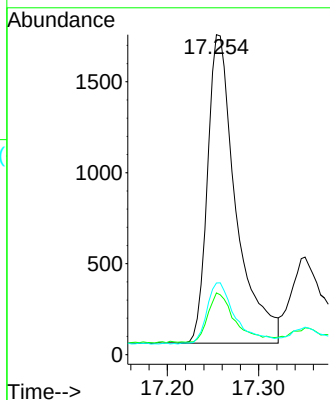
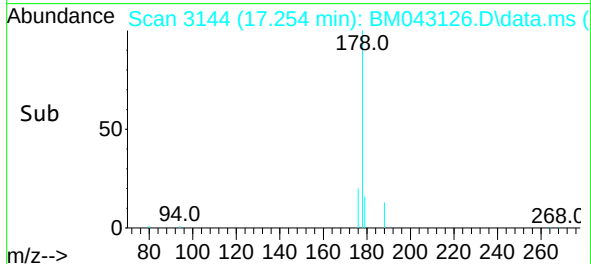
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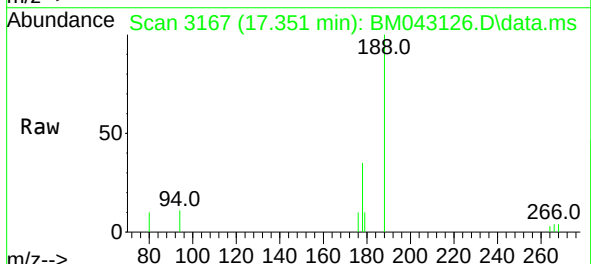
Tgt Ion:178 Resp: 366
Ion Ratio Lower Upper
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179 19.3 15.7 23.5
176 22.4 18.9 28.3

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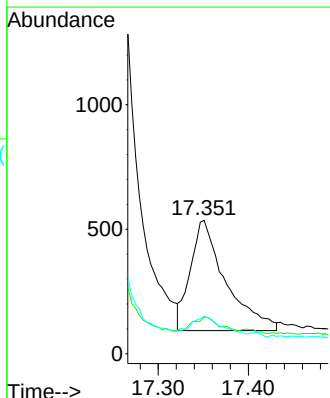
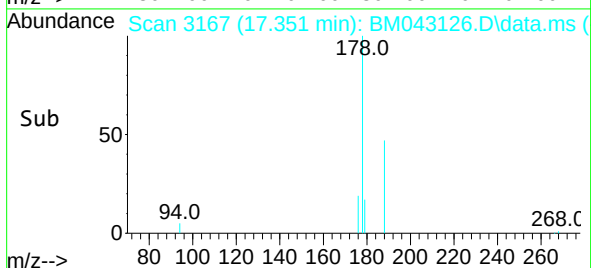
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

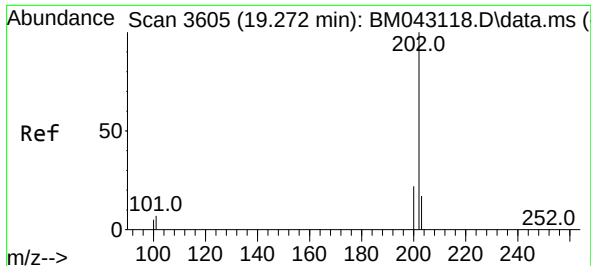


#16
Anthracene
Concen: 0.163 ng/ul m
RT: 17.351 min Scan# 3167
Delta R.T. -0.010 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19



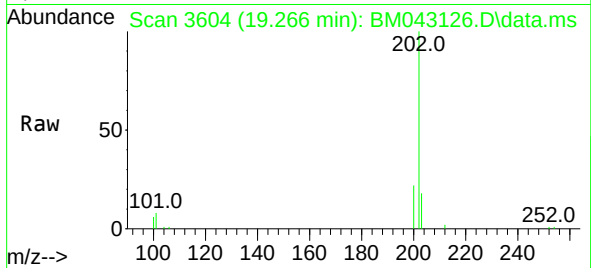
Tgt Ion:178 Resp: 1207
Ion Ratio Lower Upper
178 100
179 27.6 17.3 25.9#
176 28.2 20.5 30.7





#19
Fluoranthene
Concen: 0.737 ng/u1
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

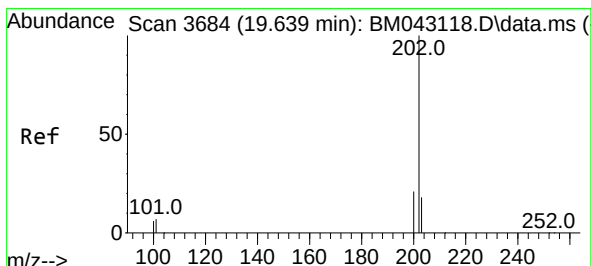
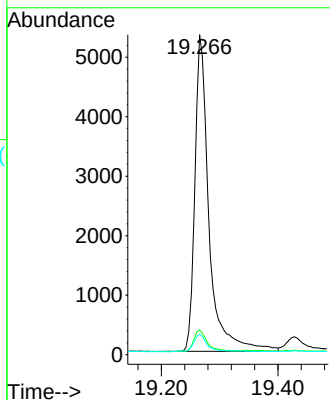
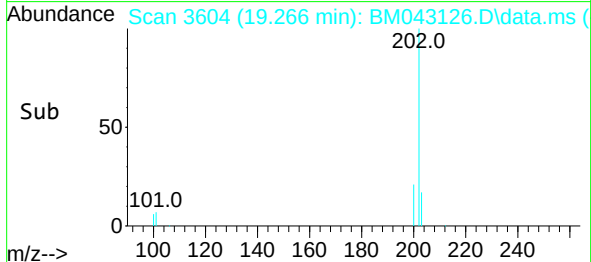
Instrument :
BNA_M
ClientSampleId :
C0AA9DL



Tgt Ion:202 Resp: 8962
Ion Ratio Lower Upper
202 100
101 7.7 7.8 11.8
100 6.4 7.1 10.7

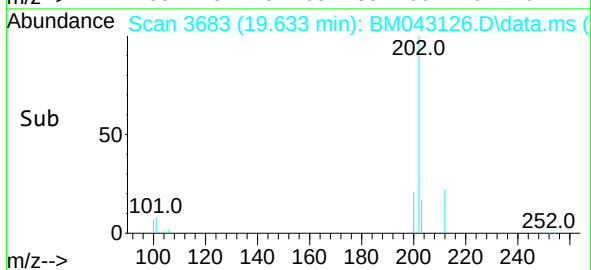
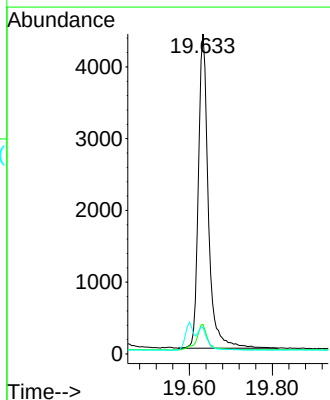
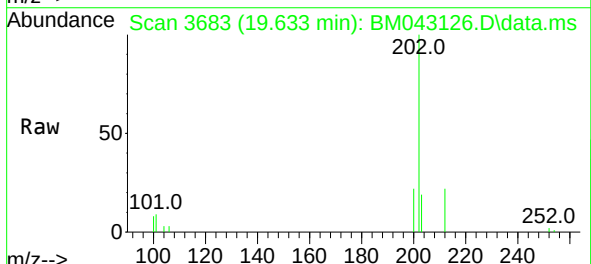
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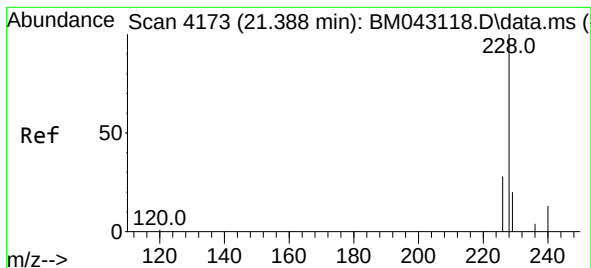
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.567 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.006 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

Tgt Ion:202 Resp: 7323
Ion Ratio Lower Upper
202 100
101 9.2 8.7 13.1
100 8.4 7.8 11.8





#21

Benzo(a)anthracene

Concen: 0.465 ng/u1

RT: 21.388 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BM043126.D

Acq: 01 Dec 2023 17:19

Instrument :

BNA_M

ClientSampleId :

C0AA9DL

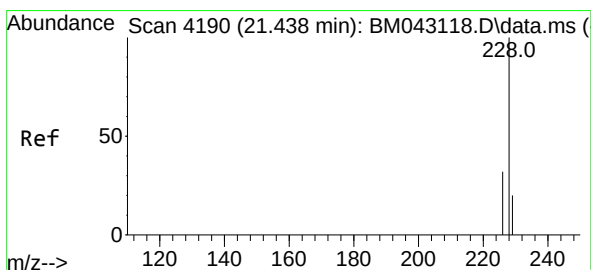
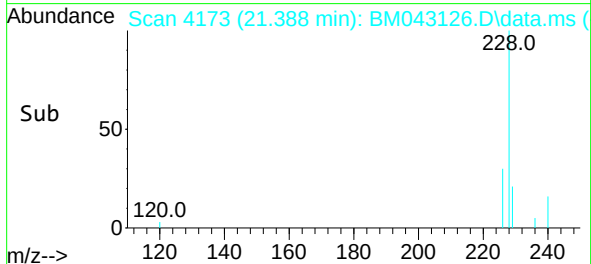
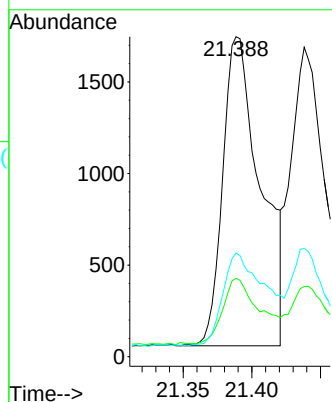
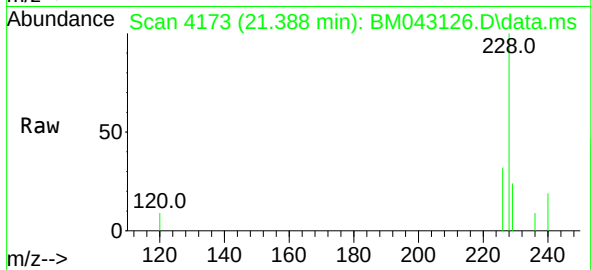
Tgt Ion:228	Resp:	3235
Ion Ratio	Lower	Upper
228	100	
229	24.5	19.4 29.0
226	32.4	24.9 37.3

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Supervised By :mohammad ahmed 12/04/2023



#22

Chrysene

Concen: 0.256 ng/u1

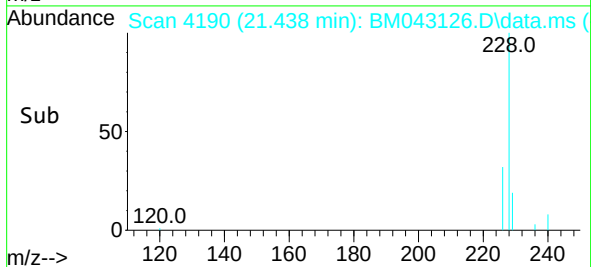
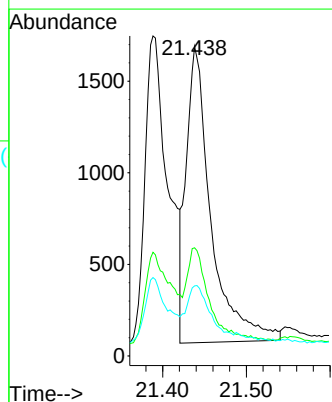
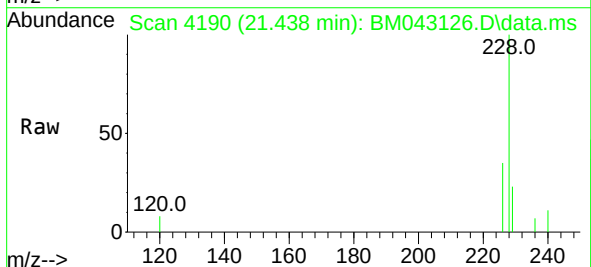
RT: 21.438 min Scan# 4190

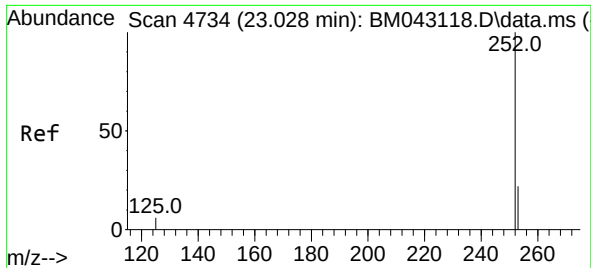
Delta R.T. 0.000 min

Lab File: BM043126.D

Acq: 01 Dec 2023 17:19

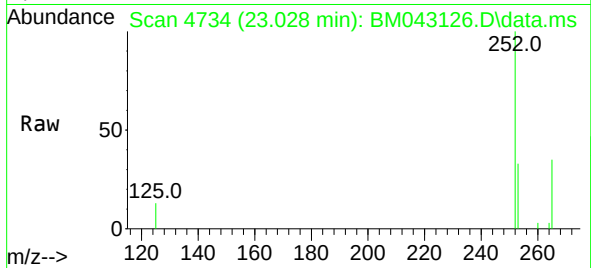
Tgt Ion:228	Resp:	3315
Ion Ratio	Lower	Upper
228	100	
226	35.0	27.2 40.8
229	22.7	18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

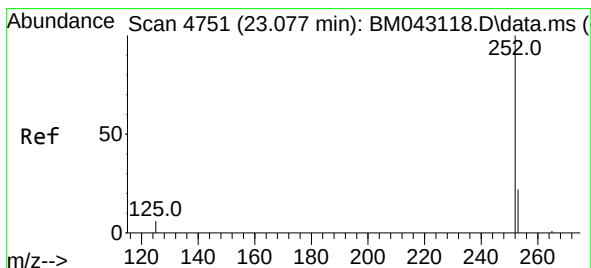
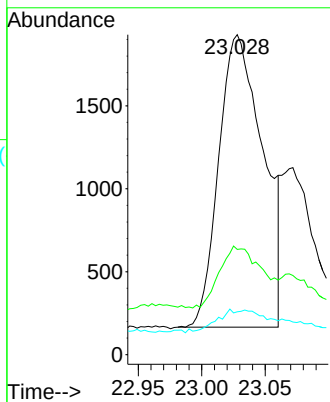
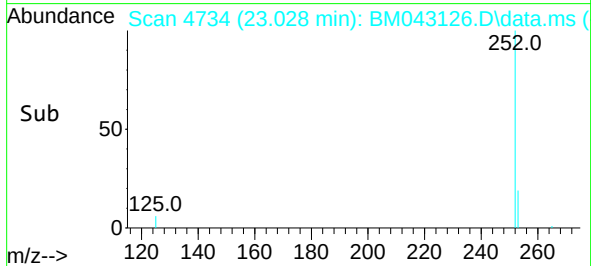
Instrument :
BNA_M
ClientSampleId :
C0AA9DL



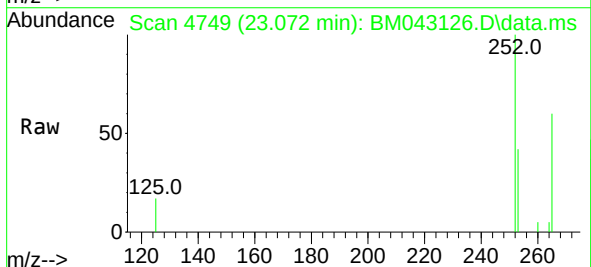
Tgt Ion:252 Resp: 4270
Ion Ratio Lower Upper
252 100
253 32.9 0.0 71.8
125 13.4 0.0 29.0

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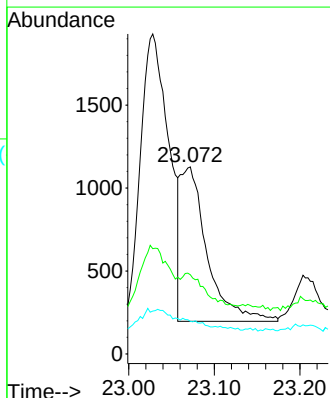
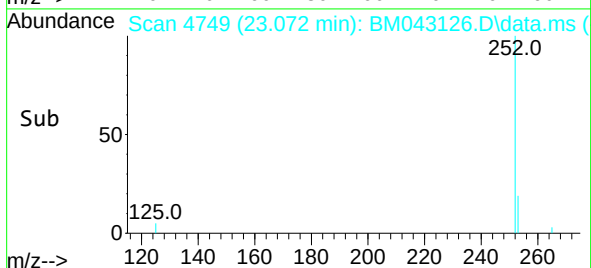
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

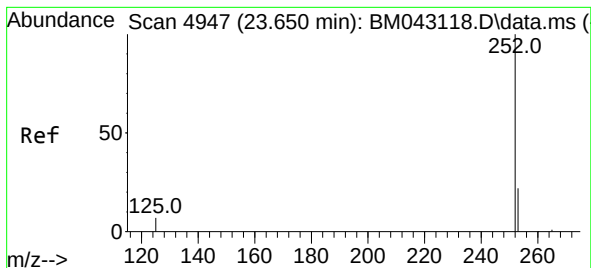


#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.005 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19



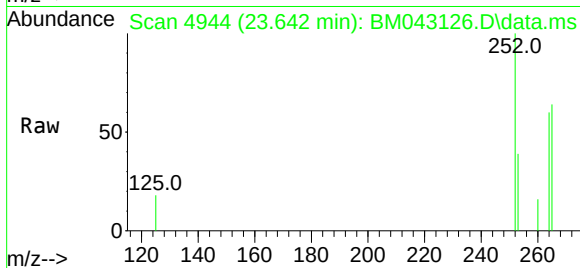
Tgt Ion:252 Resp: 2020
Ion Ratio Lower Upper
252 100
253 42.3 28.2 42.2#
125 17.5 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.642 min Scan# 4947
Delta R.T. -0.008 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

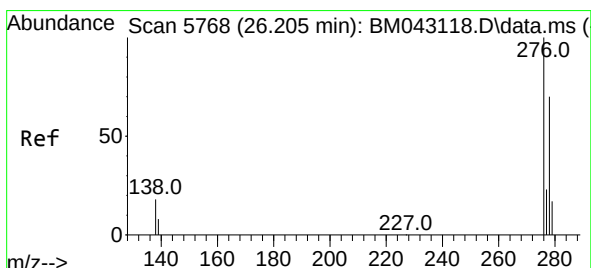
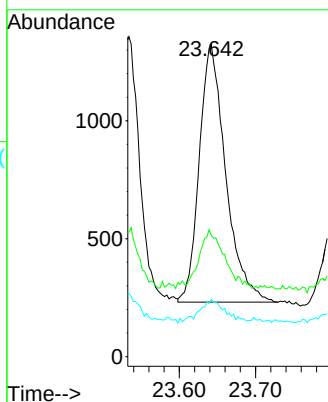
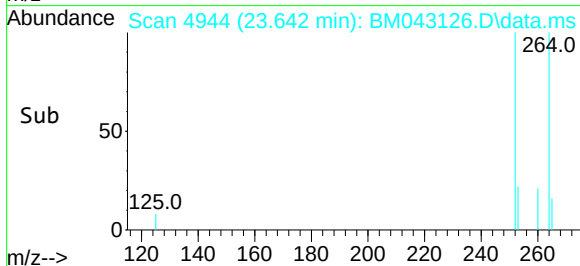
Instrument :
BNA_M
ClientSampleId :
C0AA9DL



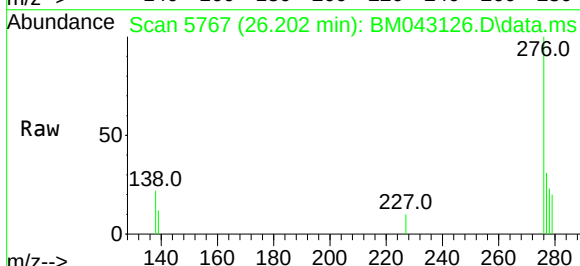
Tgt Ion:252 Resp: 2639
Ion Ratio Lower Upper
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253 38.8 36.6 55.0
125 18.4 16.2 24.4

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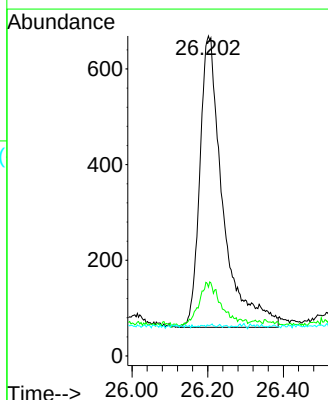
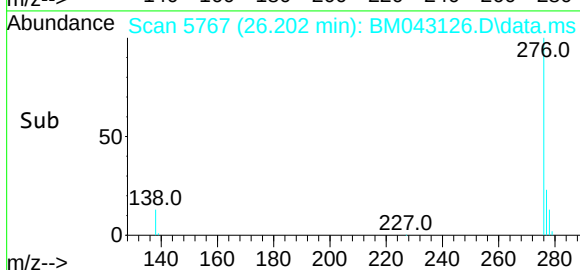
Reviewed By :Yogesh Patel 12/04/2023
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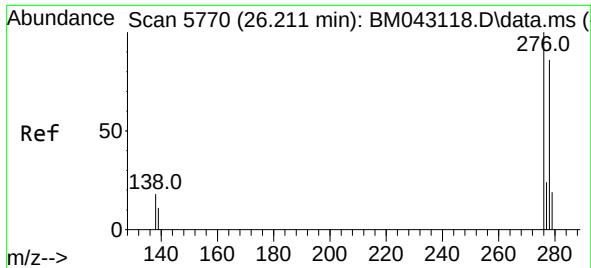


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 26.202 min Scan# 5767
Delta R.T. -0.003 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19



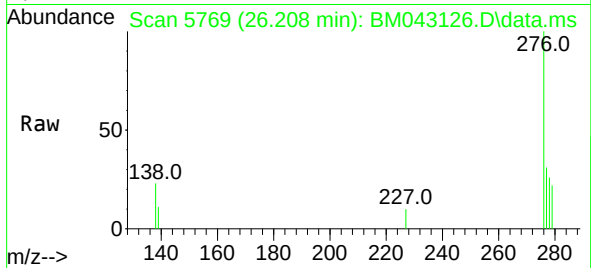
Tgt Ion:276 Resp: 2566
Ion Ratio Lower Upper
276 100
138 15.0 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.208 min Scan# 5769
Delta R.T. -0.003 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19

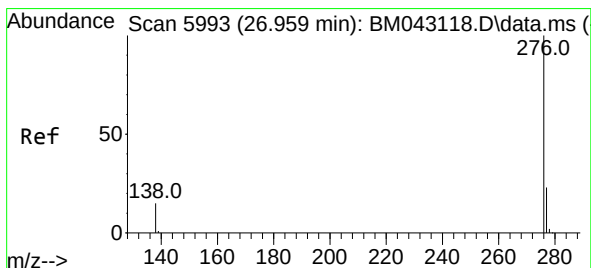
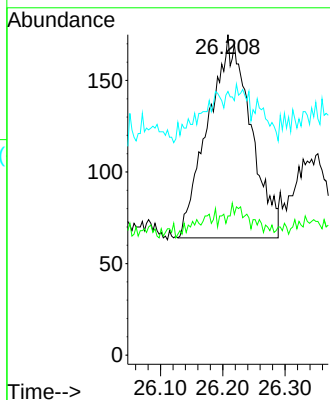
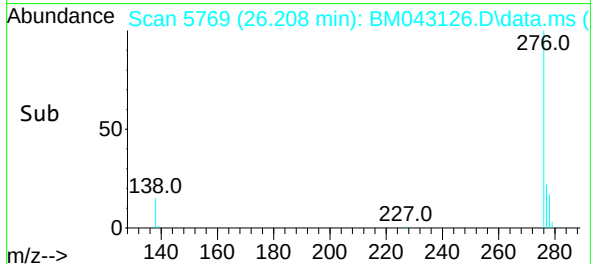
Instrument :
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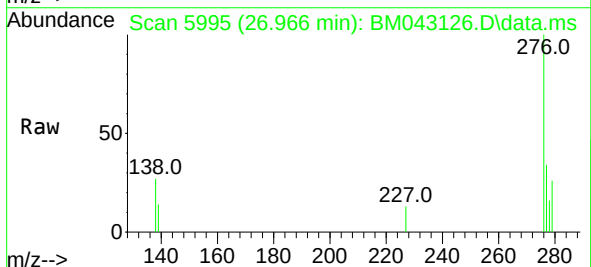
Tgt Ion:278 Resp: 527
Ion Ratio Lower Upper
278 100
139 43.4 18.1 27.1
279 82.3 34.4 51.6

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Supervised By :mohammad ahmed 12/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.966 min Scan# 5995
Delta R.T. 0.007 min
Lab File: BM043126.D
Acq: 01 Dec 2023 17:19



Tgt Ion:276 Resp: 1858
Ion Ratio Lower Upper
276 100
138 27.0 17.8 26.8
277 34.3 23.8 35.8

