

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043132.D
 Acq On : 01 Dec 2023 20:58
 Operator : MA/JU
 Sample : 05459-17DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 00:07:51 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	1098	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.623	136	2972	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.451	164	1644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	3248	0.400	ng/ul	-0.01
17) Chrysene-d12	21.394	240	2565	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	3581	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	400	0.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	148	0.037	ng/ul	0.02
18) Fluoranthene-d10	19.230	212	348	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.678	128	902	0.112	ng/ul#	82
7) 2-Methylnaphthalene	12.317	142	529	0.111	ng/ul	98
8) 1-Methylnaphthalene	12.515	142	504	0.095	ng/ul	100
10) Acenaphthylene	14.183	152	329	0.039	ng/ul#	53
11) Acenaphthene	14.516	153	1196	0.188	ng/ul	99
12) Fluorene	15.515	166	887	0.136	ng/ul#	94
15) Phenanthrene	17.247	178	30563	3.298	ng/ul	93
16) Anthracene	17.344	178	9311	1.060	ng/ul	94
19) Fluoranthene	19.262	202	66072	4.544	ng/ul#	90
20) Pyrene	19.625	202	58161	3.761	ng/ul#	93
21) Benzo(a)anthracene	21.377	228	26493	3.183	ng/ul	95
22) Chrysene	21.429	228	22644	1.461	ng/ul	97
24) Benzo(b)fluoranthene	23.013	252	28004	2.317	ng/ul	82
25) Benzo(k)fluoranthene	23.060	252	12147m	0.730	ng/ul	
26) Benzo(a)pyrene	23.630	252	19433	1.473	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.175	276	15094	0.846	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.188	278	3459	0.251	ng/ul	95
29) Benzo(g,h,i)perylene	26.939	276	10307	0.594	ng/ul#	91

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

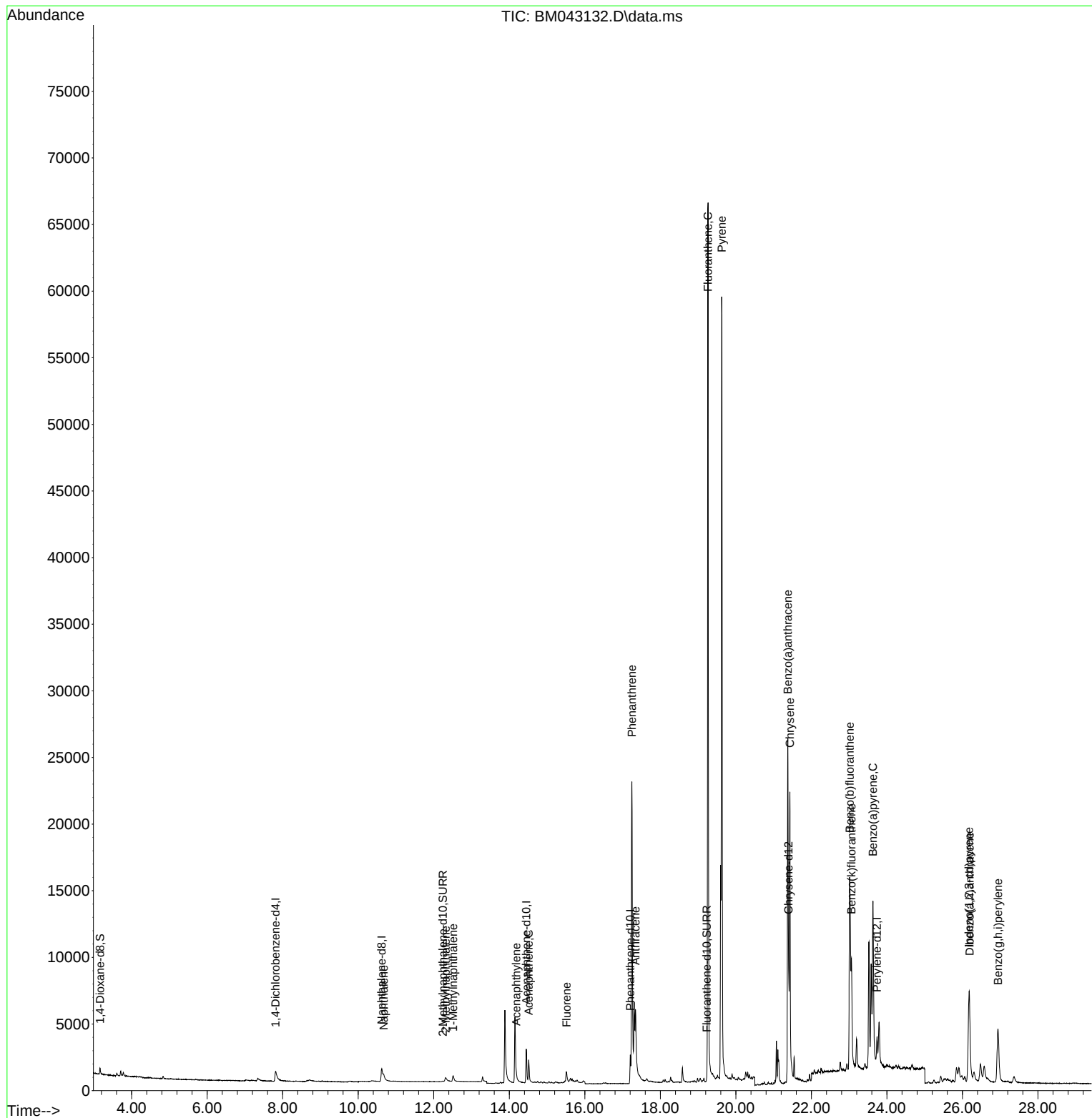
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043132.D
Acq On : 01 Dec 2023 20:58
Operator : MA/JU
Sample : 05459-17DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

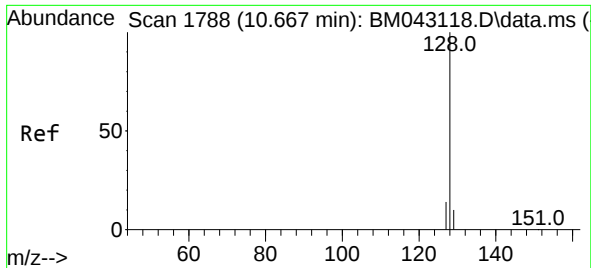
Instrument :
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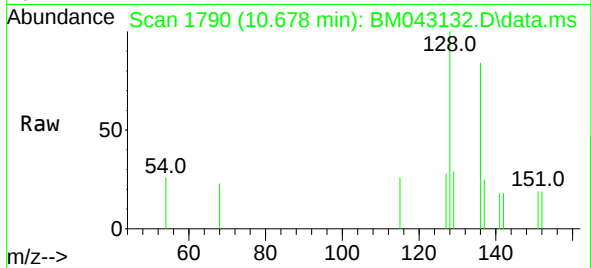
Quant Time: Dec 02 00:07:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.678 min Scan# 1788
Delta R.T. 0.011 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

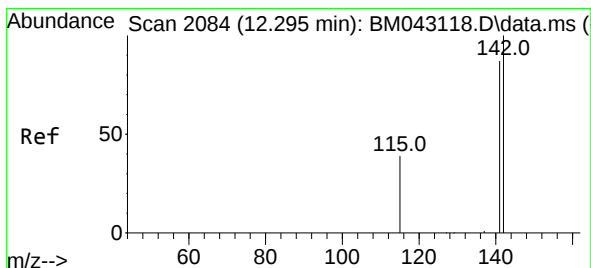
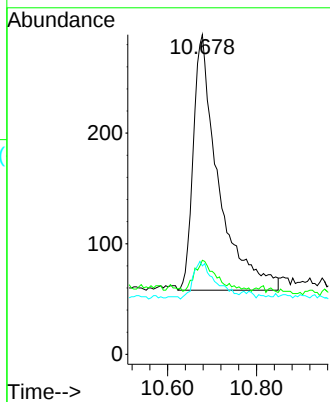
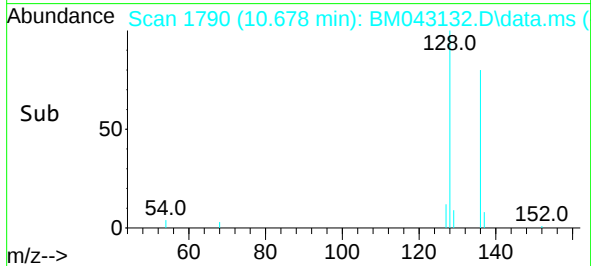
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



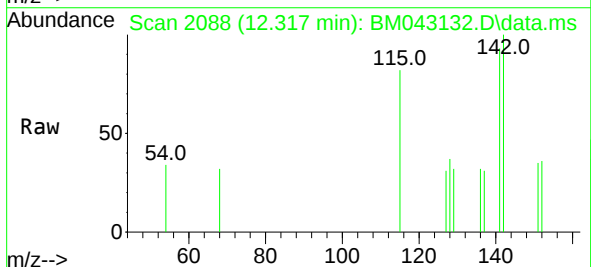
Tgt Ion:128 Resp: 902
Ion Ratio Lower Upper
128 100
129 29.4 16.0 24.0
127 27.7 16.5 24.7

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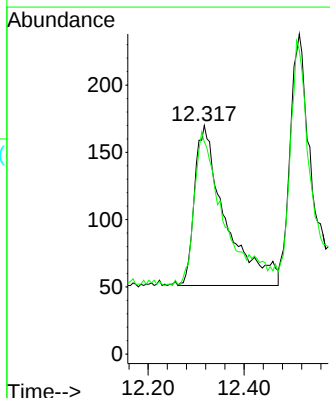
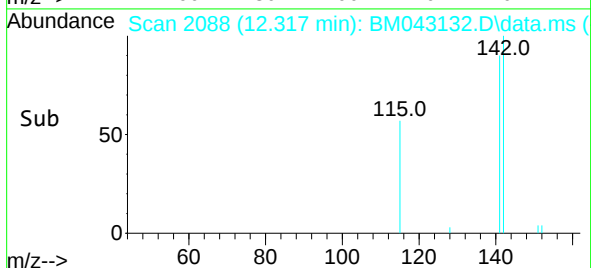
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

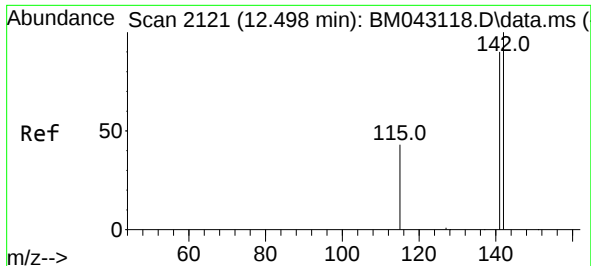


#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.317 min Scan# 2088
Delta R.T. 0.022 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58



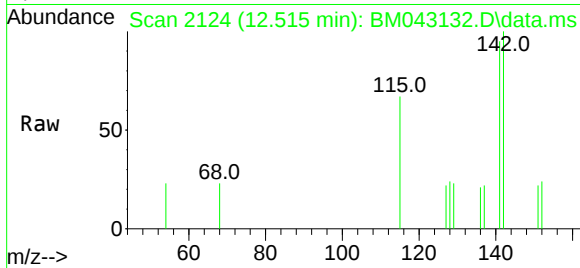
Tgt Ion:142 Resp: 529
Ion Ratio Lower Upper
142 100
141 93.2 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.515 min Scan# 2121
Delta R.T. 0.017 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

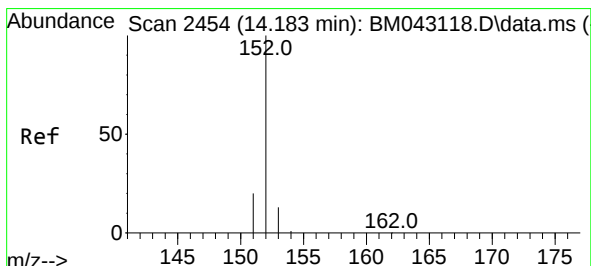
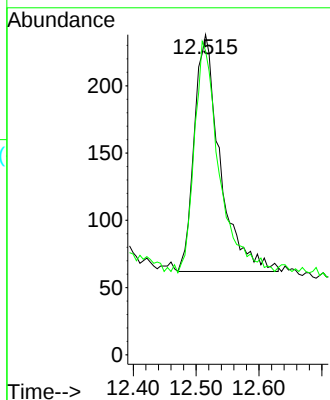
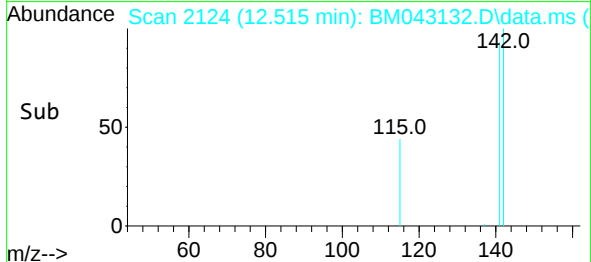
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



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Ion Ratio Lower Upper
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141 92.5 73.8 110.8

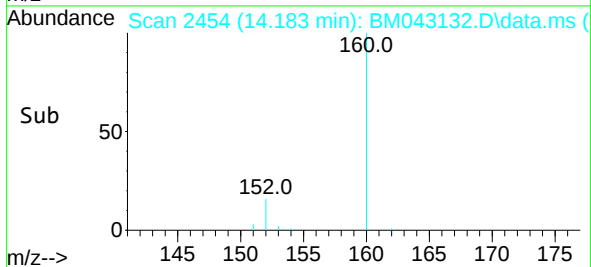
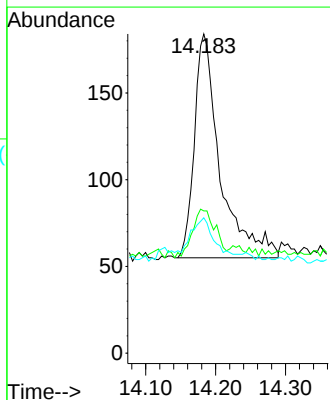
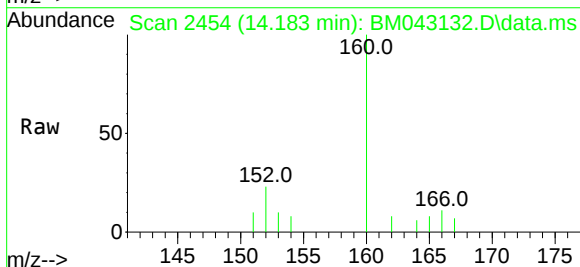
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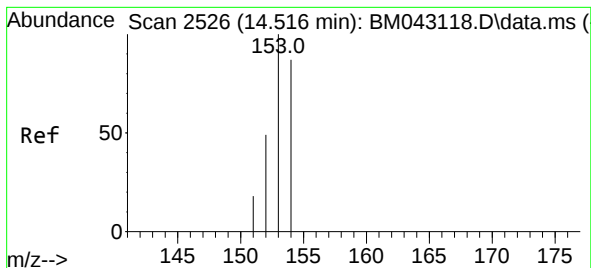
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

Tgt Ion:152 Resp: 329
Ion Ratio Lower Upper
152 100
151 44.6 19.4 29.0#
153 42.4 14.6 21.8#





#11

Acenaphthene

Concen: 0.188 ng/u1

RT: 14.516 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043132.D

Acq: 01 Dec 2023 20:58

Instrument :

BNA_M

ClientSampleId :

C0AA5DL

Tgt Ion:153 Resp: 1190

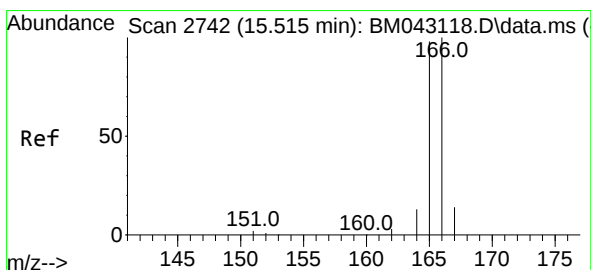
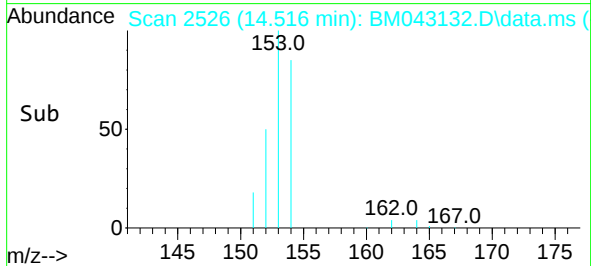
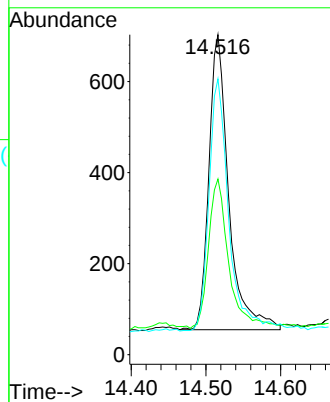
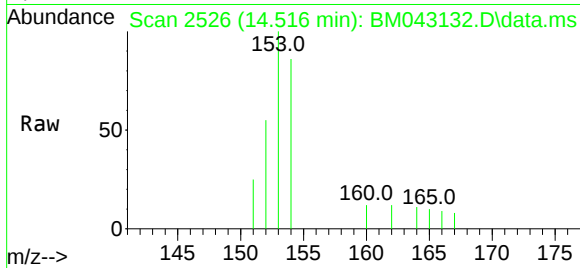
Ion	Ratio	Lower	Upper
153	100		
152	54.9	43.9	65.9
154	86.2	70.6	105.8

Manual Integrations

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Supervised By :mohammad ahmed 12/04/2023



#12

Fluorene

Concen: 0.136 ng/u1

RT: 15.515 min Scan# 2742

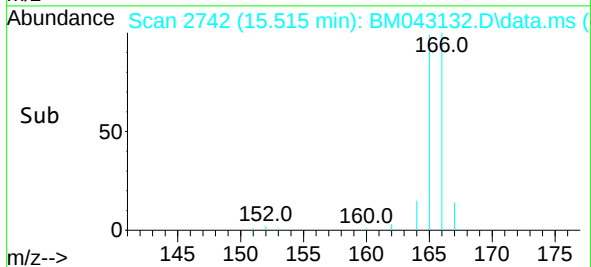
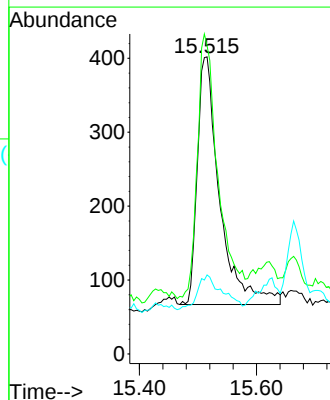
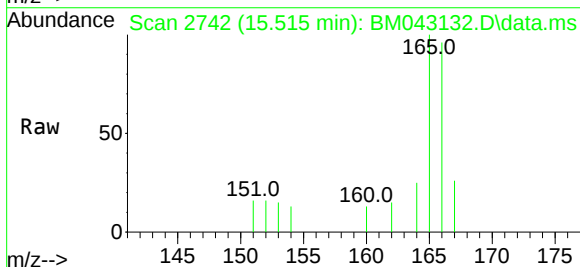
Delta R.T. 0.000 min

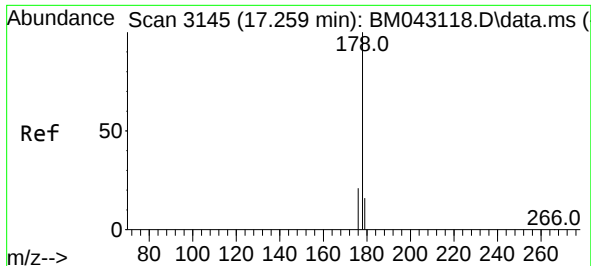
Lab File: BM043132.D

Acq: 01 Dec 2023 20:58

Tgt Ion:166 Resp: 887

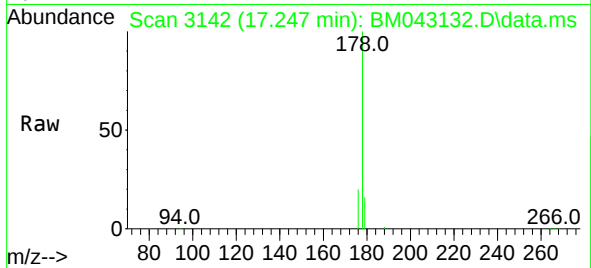
Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.9	119.9
167	26.6	14.2	21.4





#15
Phenanthrene
Concen: 3.298 ng/u1
RT: 17.247 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

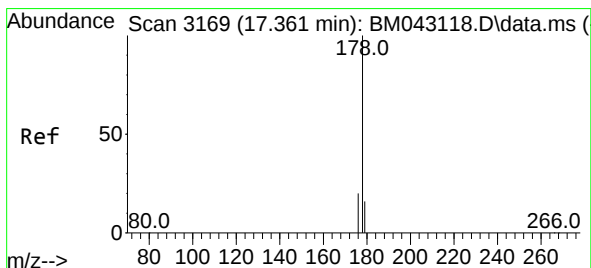
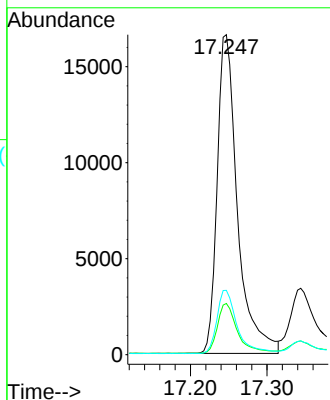
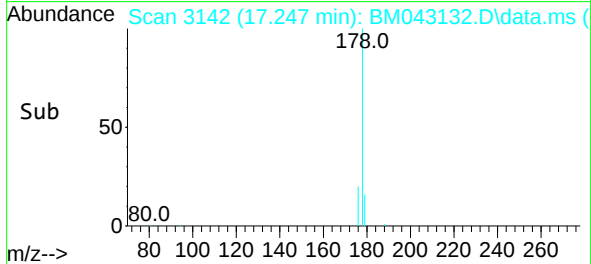
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



Tgt Ion:178 Resp: 3056
Ion Ratio Lower Upper
178 100
179 16.0 15.7 23.5
176 20.1 18.9 28.3

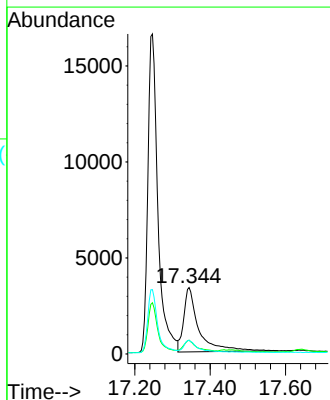
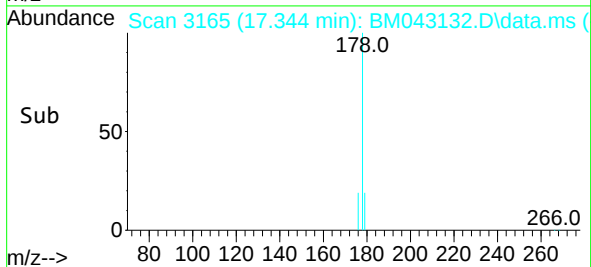
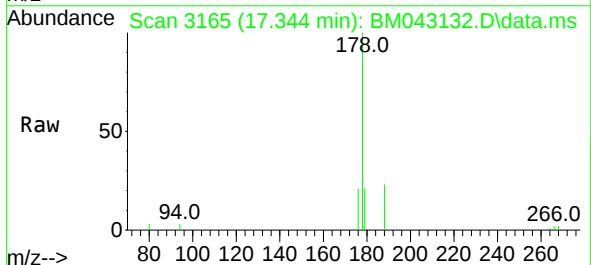
Manual Integrations
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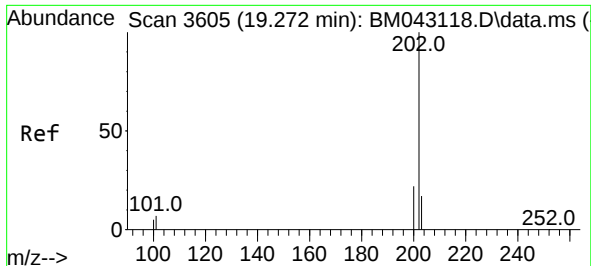
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#16
Anthracene
Concen: 1.060 ng/u1
RT: 17.344 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

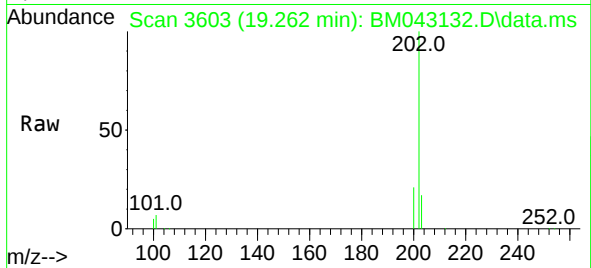
Tgt Ion:178 Resp: 9311
Ion Ratio Lower Upper
178 100
179 20.8 17.3 25.9
176 20.6 20.5 30.7





#19
Fluoranthene
Concen: 4.544 ng/u1
RT: 19.262 min Scan# 3603
Delta R.T. -0.009 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

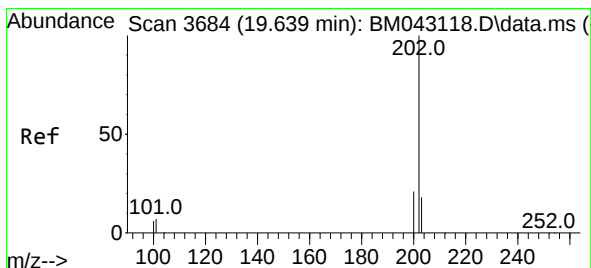
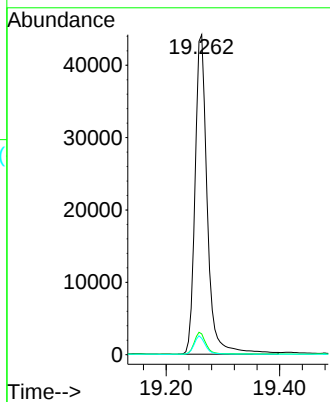
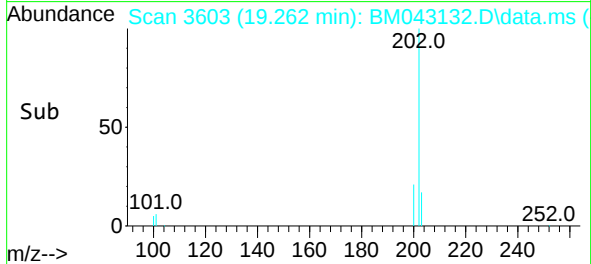
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



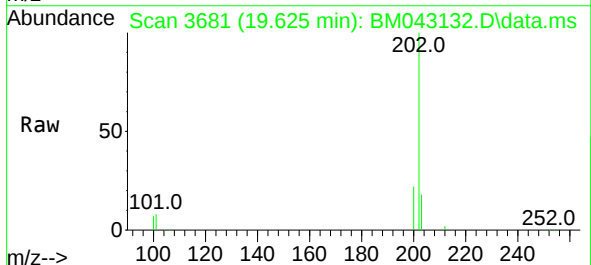
Tgt Ion:202 Resp: 66072
Ion Ratio Lower Upper
202 100
101 6.5 7.8 11.8#
100 5.1 7.1 10.7#

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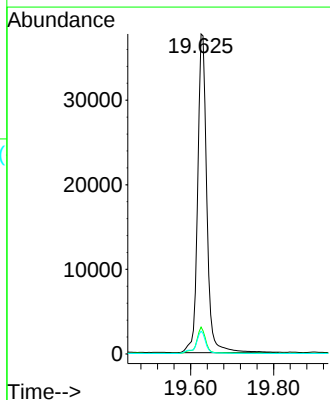
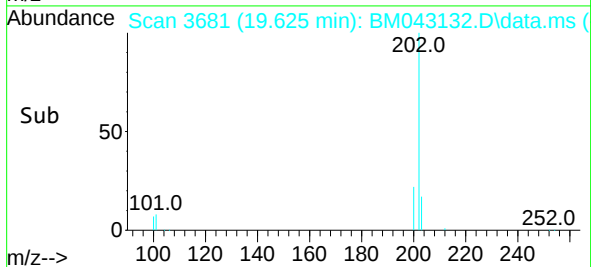
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

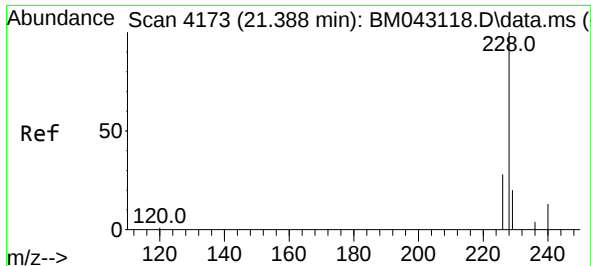


#20
Pyrene
Concen: 3.761 ng/u1
RT: 19.625 min Scan# 3681
Delta R.T. -0.014 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58



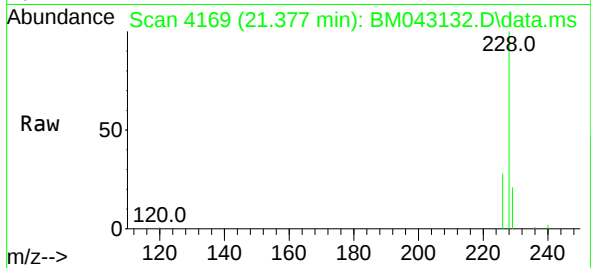
Tgt Ion:202 Resp: 58161
Ion Ratio Lower Upper
202 100
101 8.4 8.7 13.1#
100 7.1 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 3.183 ng/ul
RT: 21.377 min Scan# 4118
Delta R.T. -0.011 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

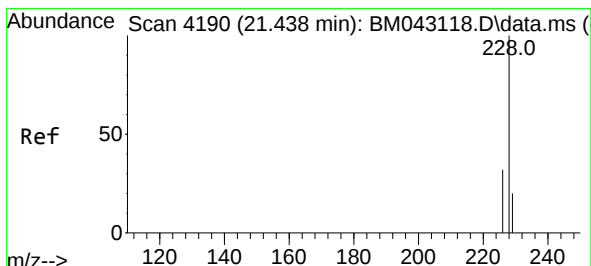
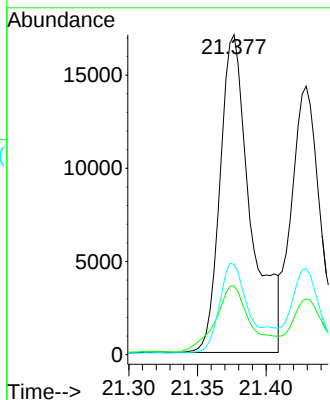
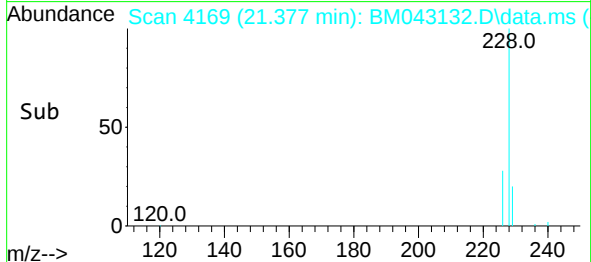
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



Tgt Ion:228 Resp: 2649
Ion Ratio Lower Upper
228 100
229 21.5 19.4 29.0
226 28.2 24.9 37.3

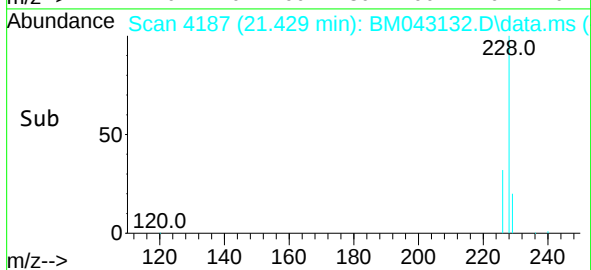
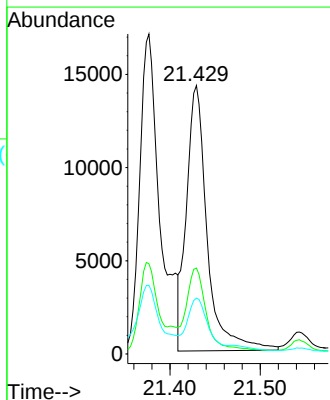
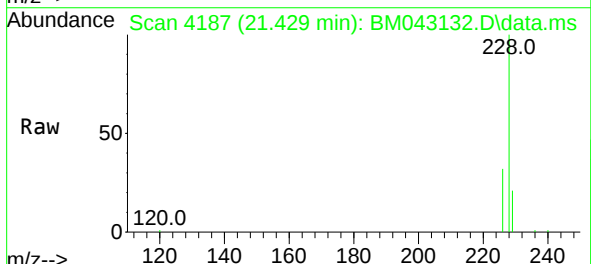
Manual Integrations
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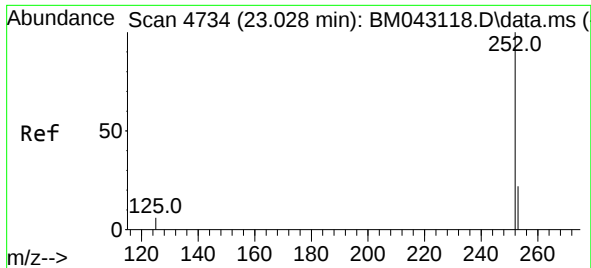
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 1.461 ng/ul
RT: 21.429 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

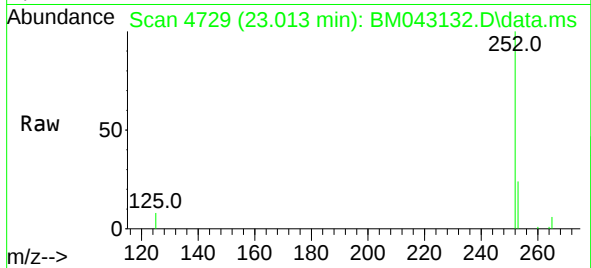
Tgt Ion:228 Resp: 22644
Ion Ratio Lower Upper
228 100
226 32.0 27.2 40.8
229 20.8 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 2.317 ng/ul
RT: 23.013 min Scan# 4734
Delta R.T. -0.014 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

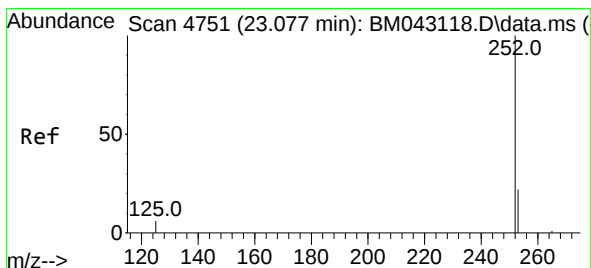
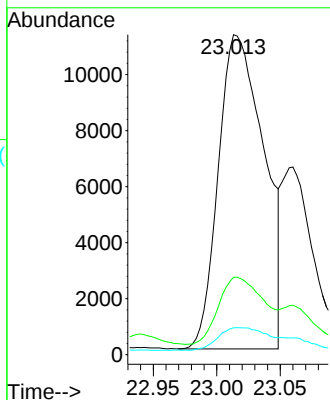
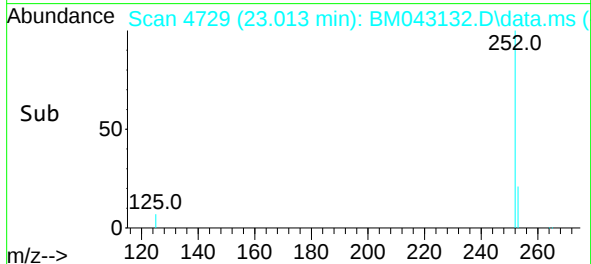
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



Tgt Ion:252 Resp: 28004
Ion Ratio Lower Upper
252 100
253 24.2 0.0 71.8
125 8.4 0.0 29.0

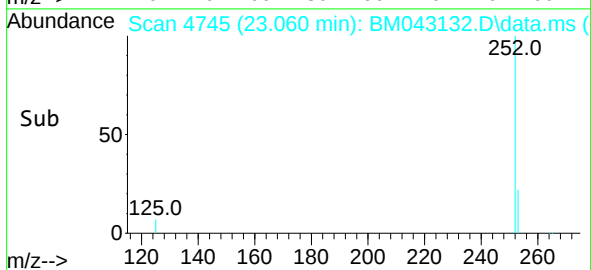
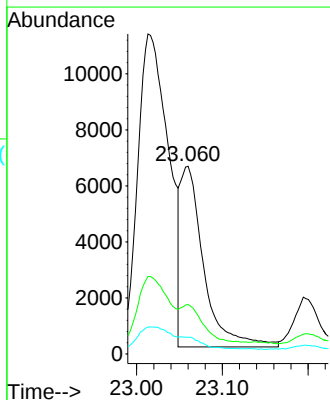
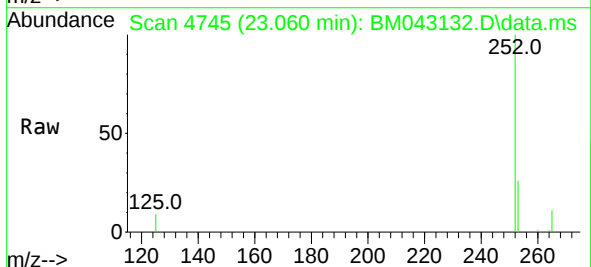
Manual Integrations
APPROVED

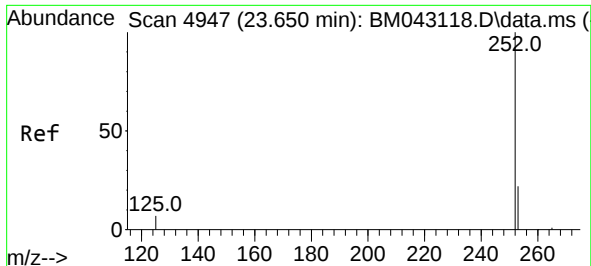
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.730 ng/ul m
RT: 23.060 min Scan# 4745
Delta R.T. -0.017 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

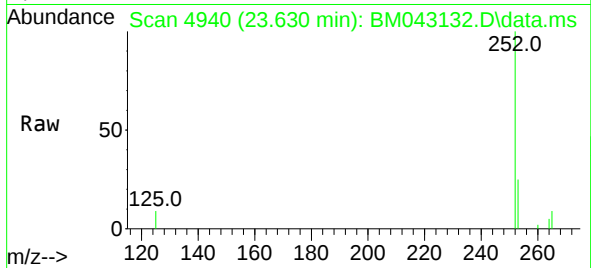
Tgt Ion:252 Resp: 12147
Ion Ratio Lower Upper
252 100
253 26.4 28.2 42.2#
125 8.9 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 1.473 ng/ul
RT: 23.630 min Scan# 4947
Delta R.T. -0.020 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

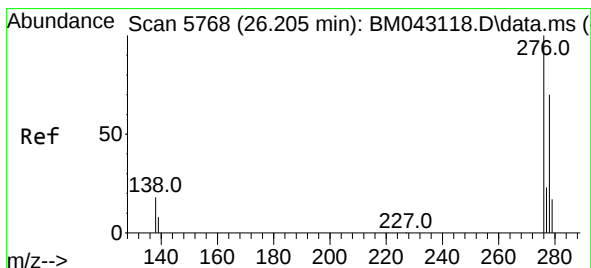
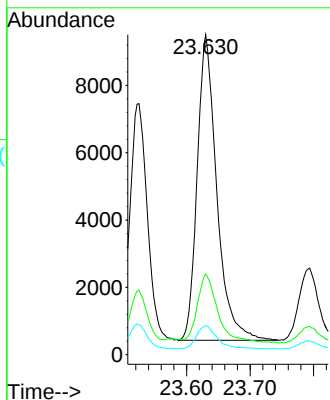
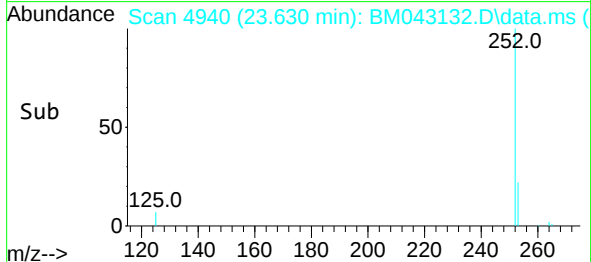
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



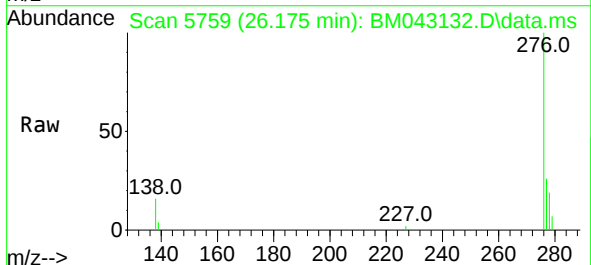
Tgt Ion:252 Resp: 1943
Ion Ratio Lower Upper
252 100
253 25.2 36.6 55.0#
125 9.0 16.2 24.4#

Manual Integrations
APPROVED

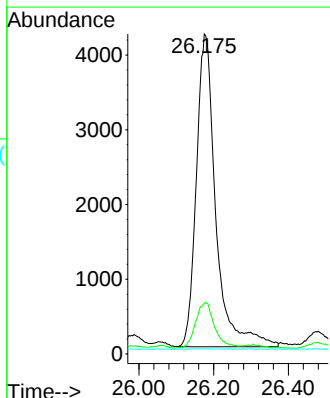
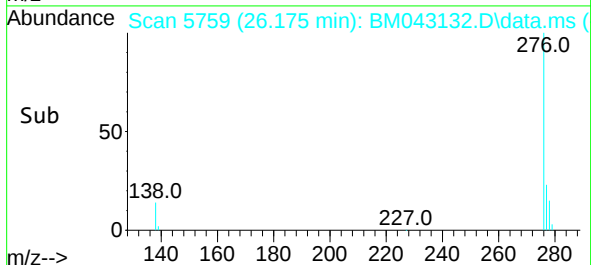
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

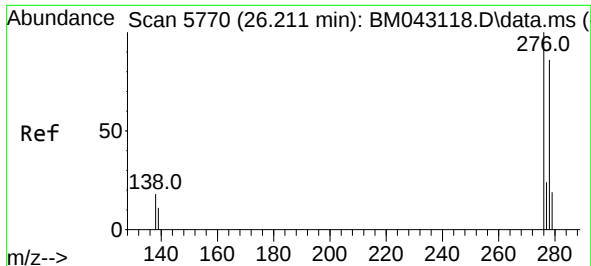


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.846 ng/ul
RT: 26.175 min Scan# 5759
Delta R.T. -0.030 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58



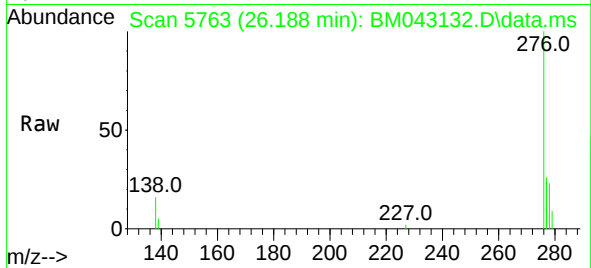
Tgt Ion:276 Resp: 15094
Ion Ratio Lower Upper
276 100
138 14.6 0.0 0.0#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.251 ng/ul
RT: 26.188 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58

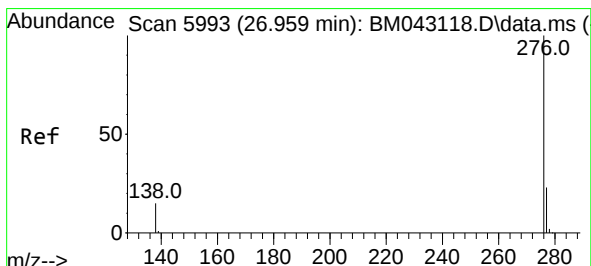
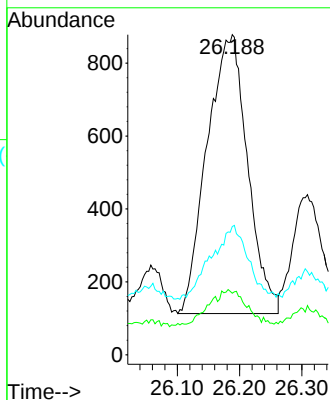
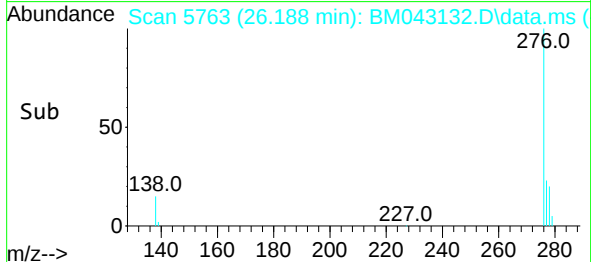
Instrument :
BNA_M
ClientSampleId :
C0AA5DL



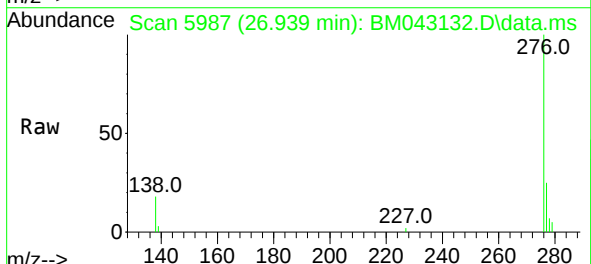
Tgt Ion:278 Resp: 345
Ion Ratio Lower Upper
278 100
139 19.2 18.1 27.1
279 40.1 34.4 51.6

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



#29
Benzo(g,h,i)perylene
Concen: 0.594 ng/ul
RT: 26.939 min Scan# 5987
Delta R.T. -0.020 min
Lab File: BM043132.D
Acq: 01 Dec 2023 20:58



Tgt Ion:276 Resp: 10307
Ion Ratio Lower Upper
276 100
138 17.8 17.8 26.8#
277 25.3 23.8 35.8

