

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043003.D
 Acq On : 25 Nov 2023 06:38
 Operator : MA/JU
 Sample : 05261-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 02:42:03 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 : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	901m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2357	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.459	164	1357m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	2848m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2386m	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3751m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3240	2.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	729	0.231	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	1771	0.204	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.666	128	375	0.059	ng/ul#	69
7) 2-Methylnaphthalene	12.299	142	202	0.053	ng/ul	89
8) 1-Methylnaphthalene	12.513	142	182	0.043	ng/ul	96
10) Acenaphthylene	14.186	152	526	0.076	ng/ul#	81
11) Acenaphthene	14.519	153	576	0.110	ng/ul	98
12) Fluorene	15.514	166	524	0.097	ng/ul#	95
15) Phenanthrene	17.254	178	15365	1.891	ng/ul	93
16) Anthracene	17.347	178	2250	0.292	ng/ul	94
19) Fluoranthene	19.270	202	30633	2.265	ng/ul#	92
20) Pyrene	19.633	202	29302	2.037	ng/ul	95
21) Benzo(a)anthracene	21.383	228	10932m	1.412	ng/ul	
22) Chrysene	21.435	228	14709m	1.020	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	18795	1.485	ng/ul	86
25) Benzo(k)fluoranthene	23.069	252	7568m	0.434	ng/ul	
26) Benzo(a)pyrene	23.642	252	11136	0.806	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.198	276	10870	0.581	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	2435	0.168	ng/ul#	90
29) Benzo(g,h,i)perylene	26.960	276	11655	0.641	ng/ul	95

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

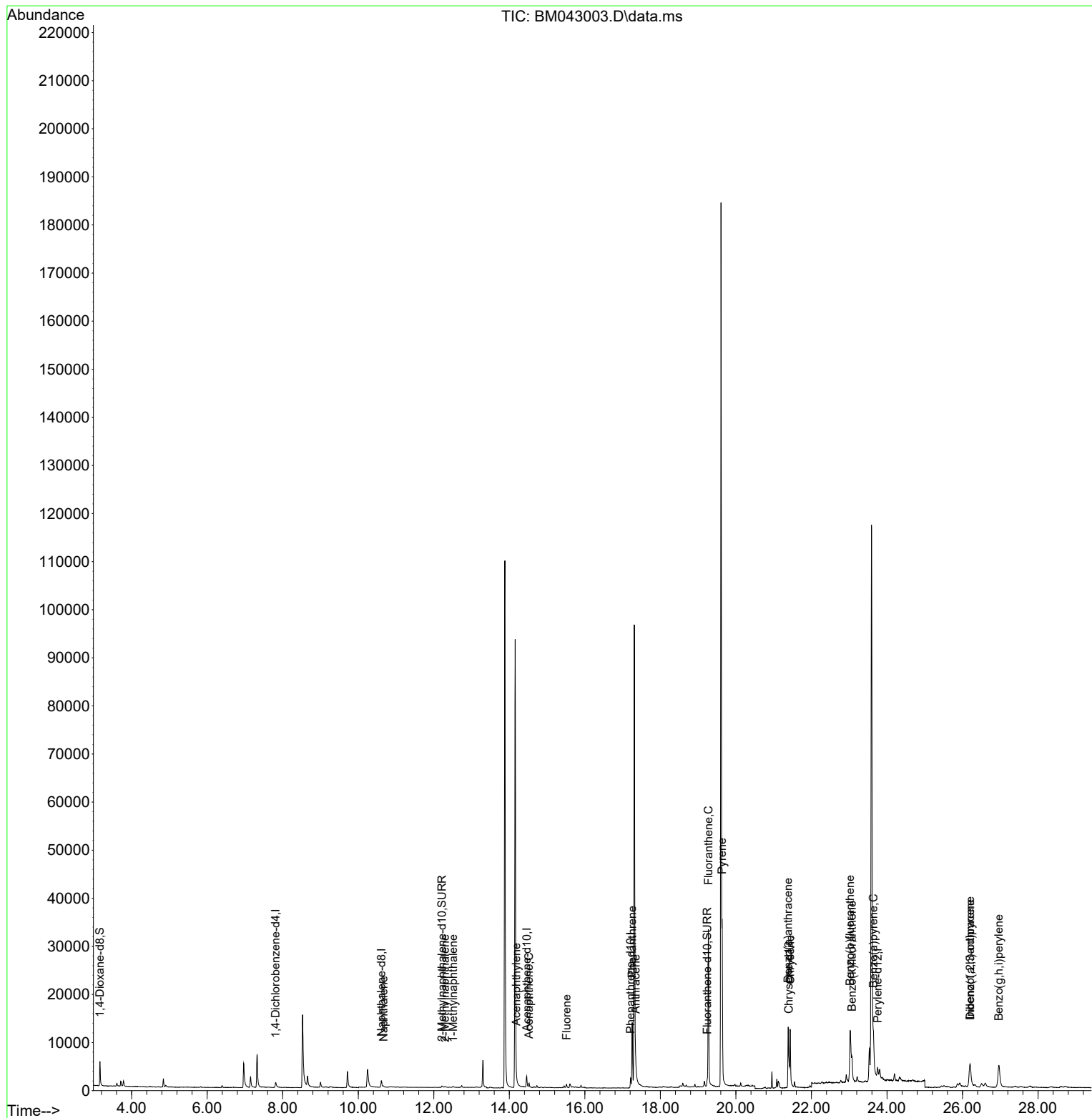
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043003.D
Acq On : 25 Nov 2023 06:38
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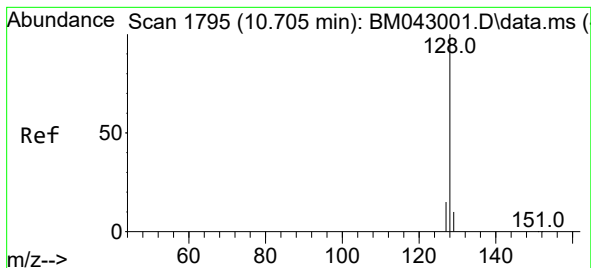
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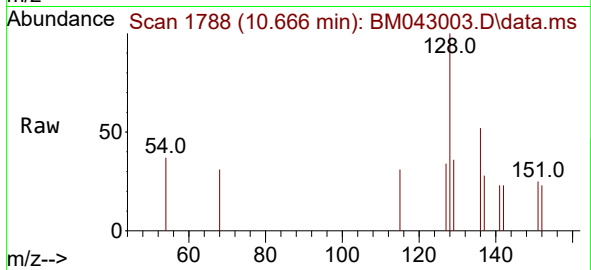
Quant Time: Nov 27 02:42:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.666 min Scan# 1795
Delta R.T. -0.033 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

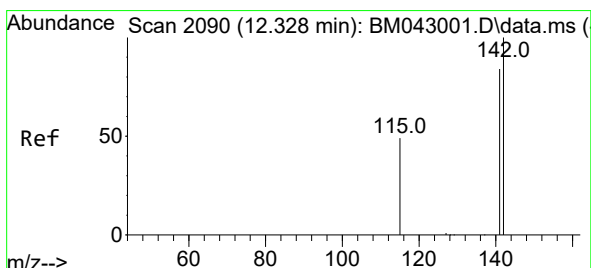
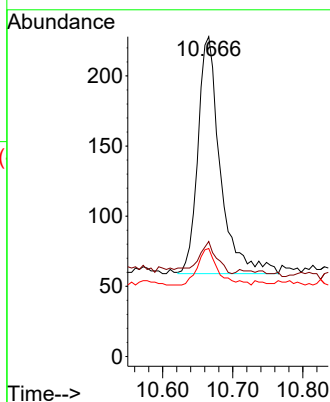
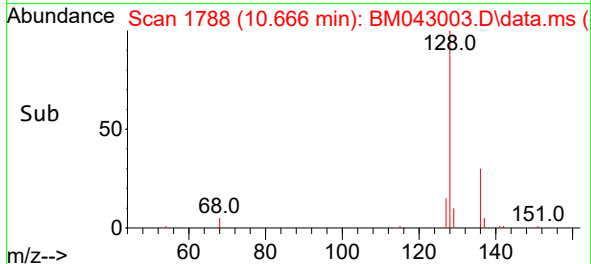
Instrument :
BNA_M
ClientSampleId :
DCKQ6



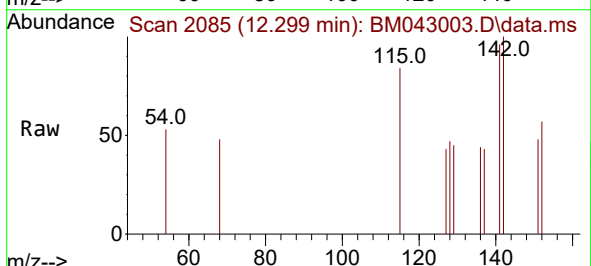
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Ion Ratio Lower Upper
128 100
129 36.0 16.0 24.0
127 33.8 16.5 24.7

Manual Integrations
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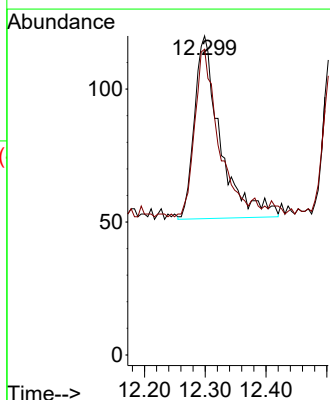
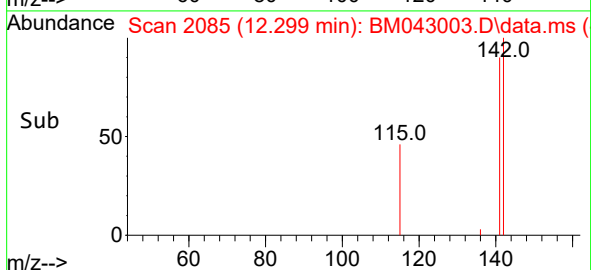
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

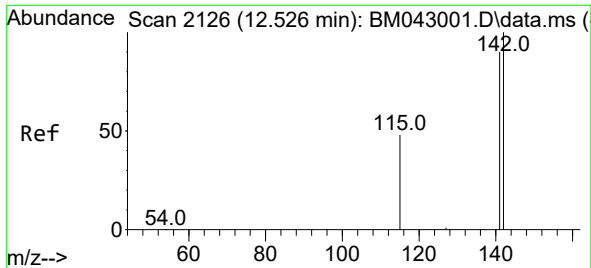


#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.299 min Scan# 2085
Delta R.T. -0.033 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38



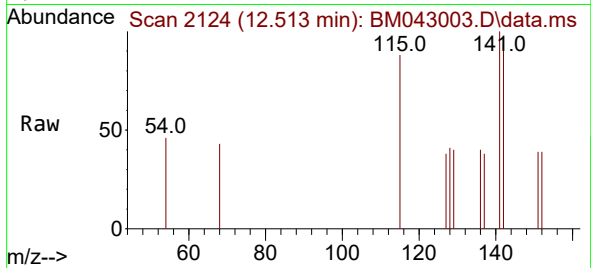
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
141 84.7 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.043 ng/uI
RT: 12.513 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

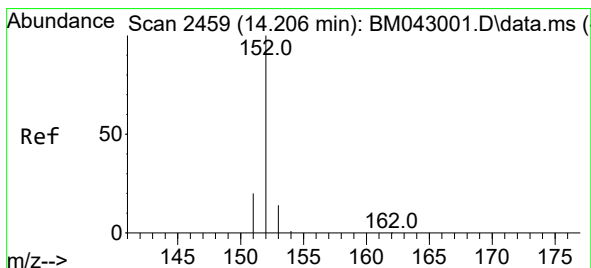
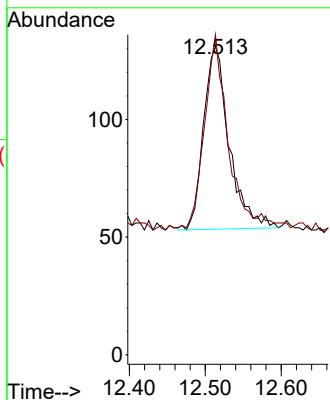
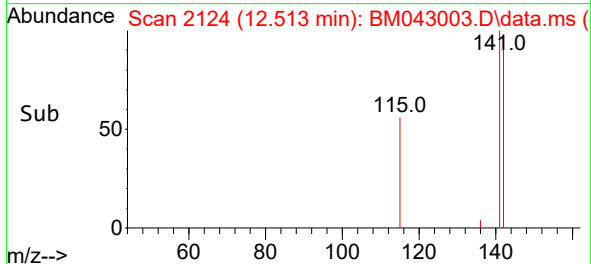
Instrument :
BNA_M
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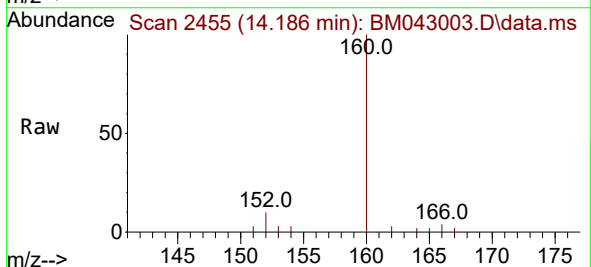
Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
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141 96.2 73.8 110.8

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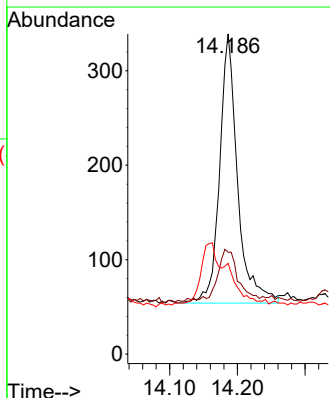
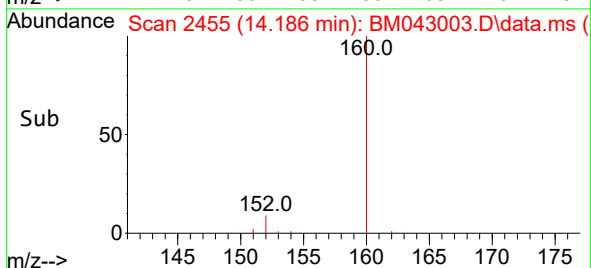
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

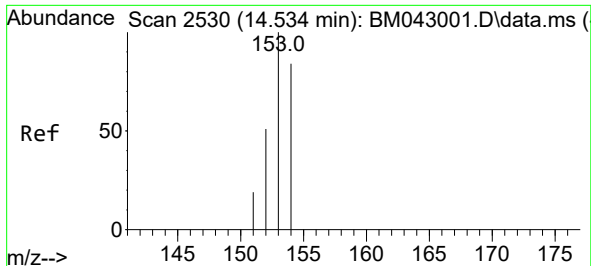


#10
Acenaphthylene
Concen: 0.076 ng/uI
RT: 14.186 min Scan# 2455
Delta R.T. -0.018 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38



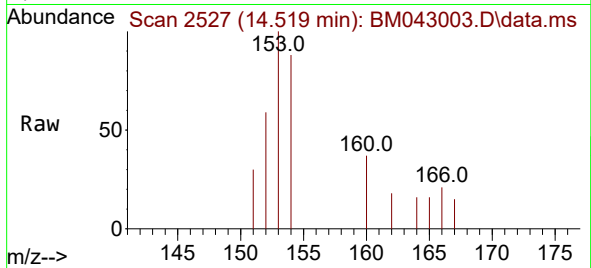
Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
151 31.9 19.4 29.0#
153 28.3 14.6 21.8#





#11
Acenaphthene
Concen: 0.110 ng/ul
RT: 14.519 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

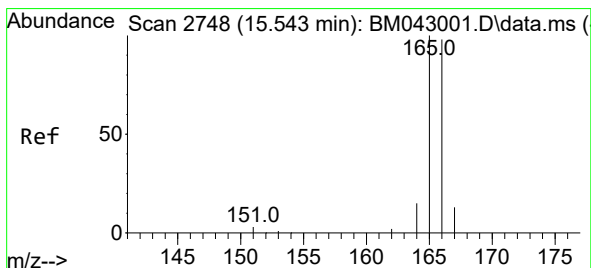
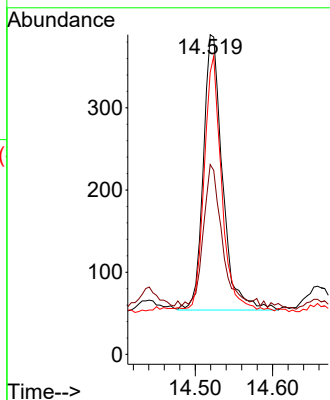
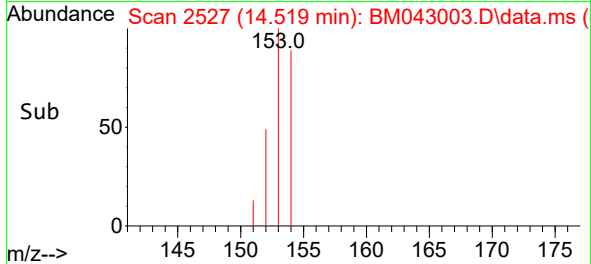
Instrument :
BNA_M
ClientSampleId :
DCKQ6



Tgt Ion:153 Resp: 570
Ion Ratio Lower Upper
153 100
152 59.4 43.9 65.9
154 88.2 70.6 105.8

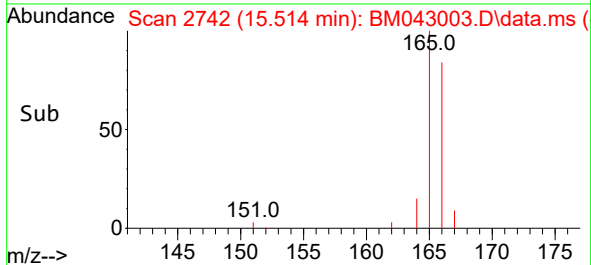
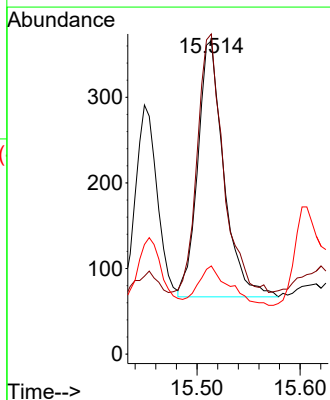
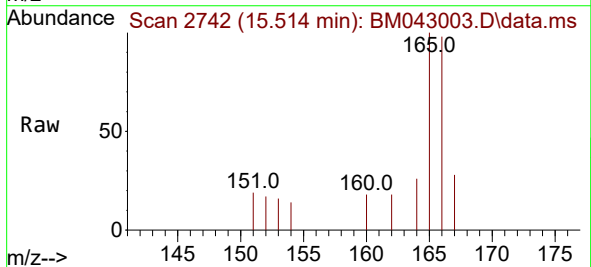
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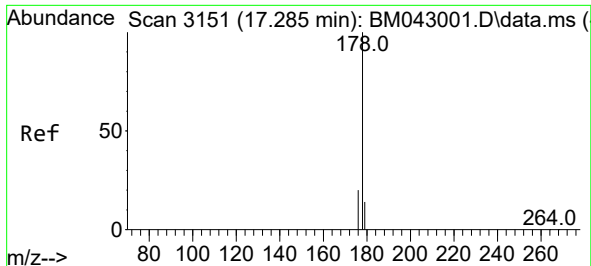
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.514 min Scan# 2742
Delta R.T. -0.023 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

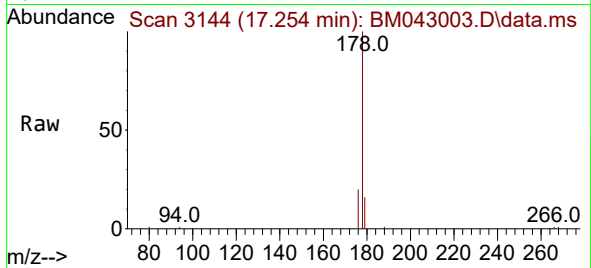
Tgt Ion:166 Resp: 524
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 28.1 14.2 21.4#





#15
Phenanthrene
Concen: 1.891 ng/ul
RT: 17.254 min Scan# 3151
Delta R.T. -0.025 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

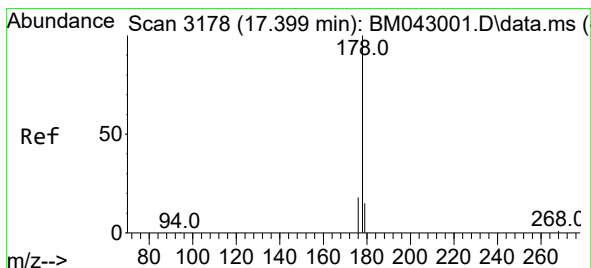
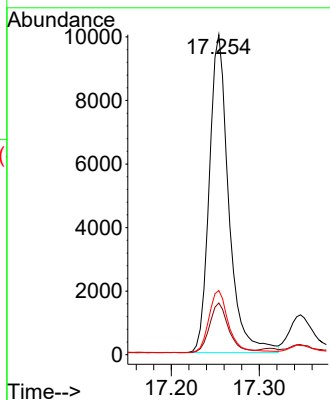
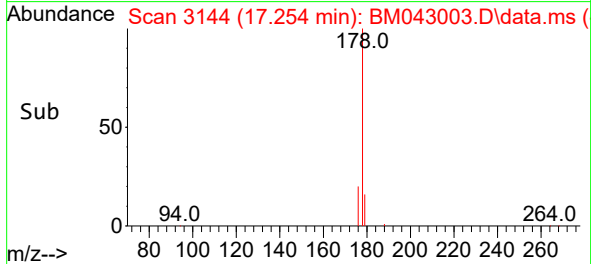
Instrument :
BNA_M
ClientSampleId :
DCKQ6



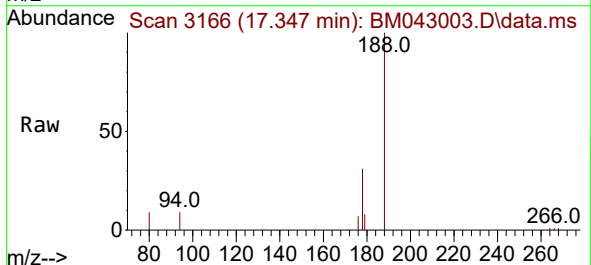
Tgt Ion:178 Resp: 1536
Ion Ratio Lower Upper
178 100
179 16.1 15.7 23.5
176 20.1 18.9 28.3

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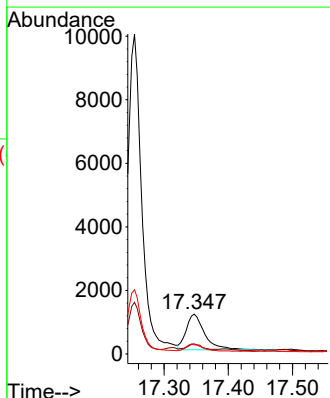
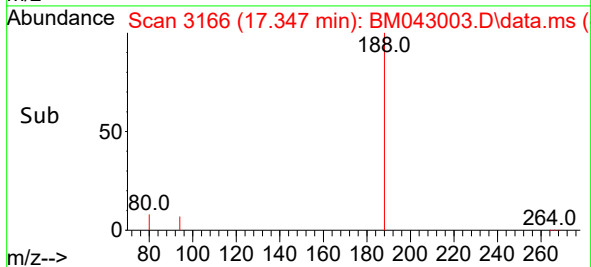
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

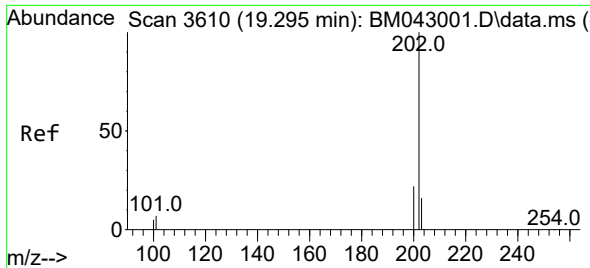


#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.347 min Scan# 3166
Delta R.T. -0.046 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38



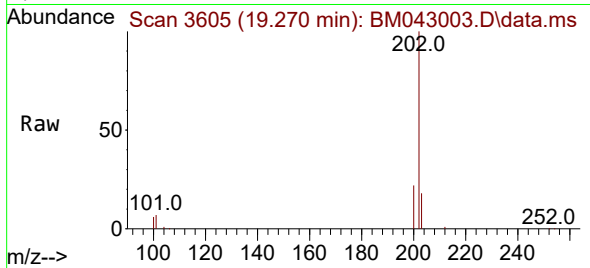
Tgt Ion:178 Resp: 2250
Ion Ratio Lower Upper
178 100
179 25.2 17.3 25.9
176 23.0 20.5 30.7





#19
Fluoranthene
Concen: 2.265 ng/u1
RT: 19.270 min Scan# 3063
Delta R.T. -0.023 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

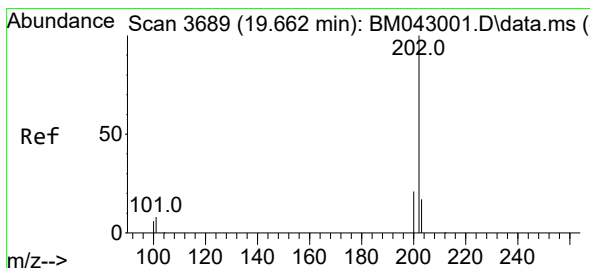
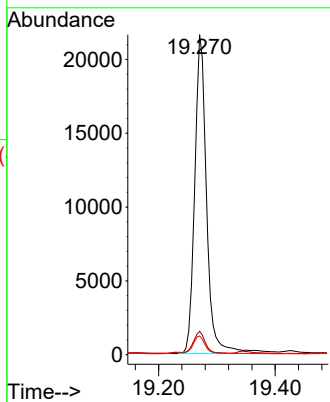
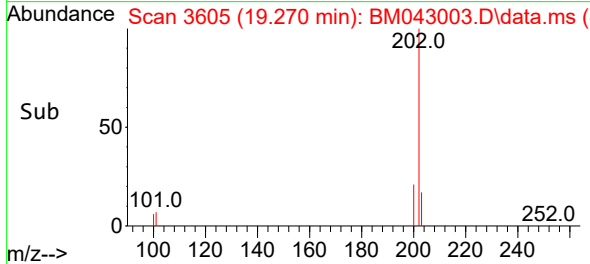
Instrument :
BNA_M
ClientSampleId :
DCKQ6



Tgt Ion:202 Resp: 3063
Ion Ratio Lower Upper
202 100
101 7.3 7.8 11.8
100 5.9 7.1 10.7

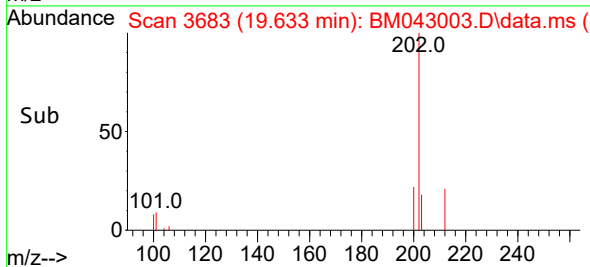
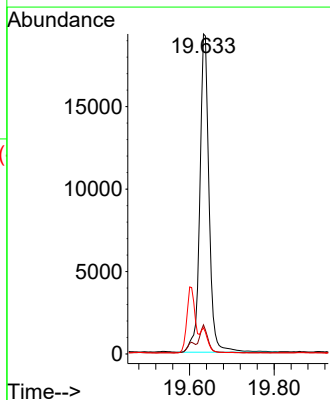
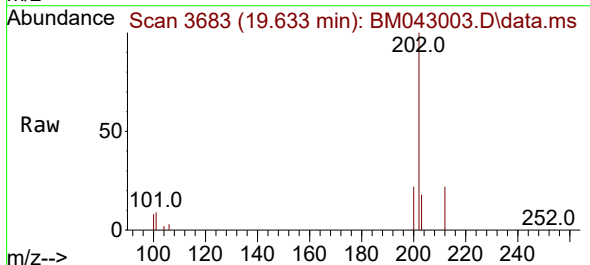
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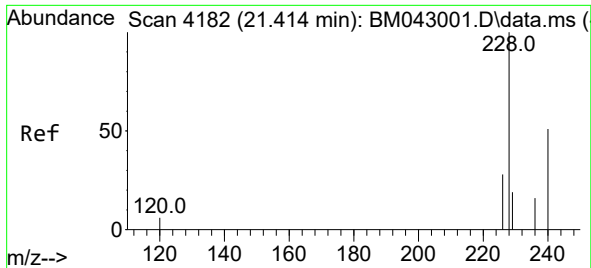
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 2.037 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

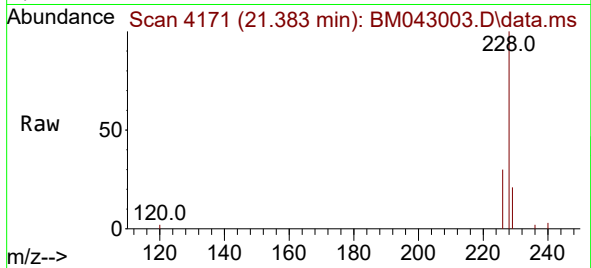
Tgt Ion:202 Resp: 29302
Ion Ratio Lower Upper
202 100
101 9.1 8.7 13.1
100 8.1 7.8 11.8





#21
Benzo(a)anthracene
Concen: 1.412 ng/ul m
RT: 21.383 min Scan# 4182
Delta R.T. -0.029 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

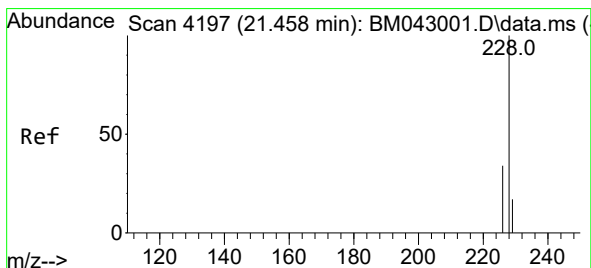
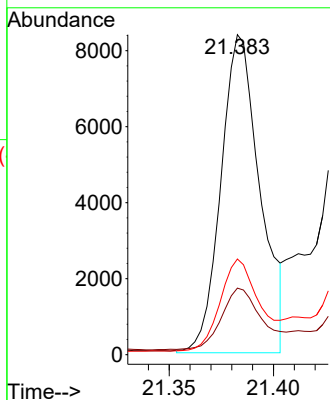
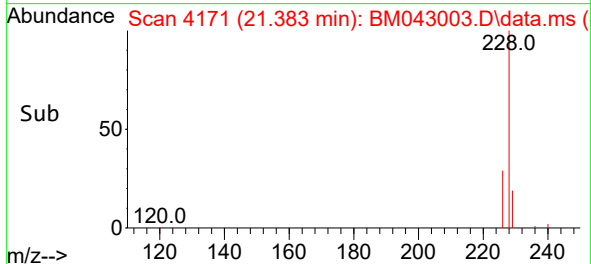
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Tgt Ion:228 Resp: 10932
Ion Ratio Lower Upper
228 100
229 20.8 19.4 29.0
226 29.9 24.9 37.3

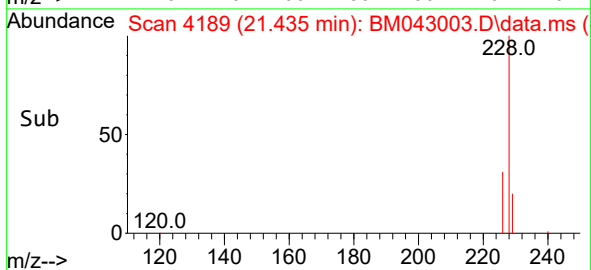
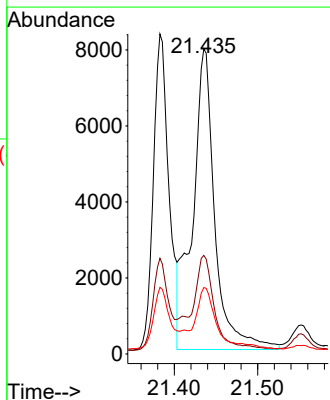
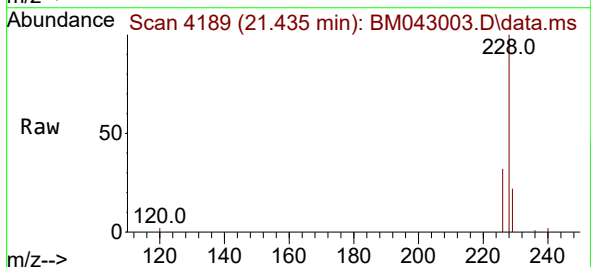
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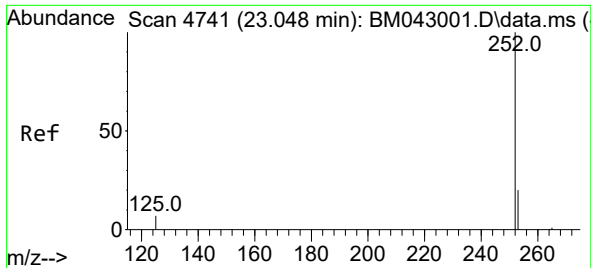
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 1.020 ng/ul m
RT: 21.435 min Scan# 4189
Delta R.T. -0.023 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

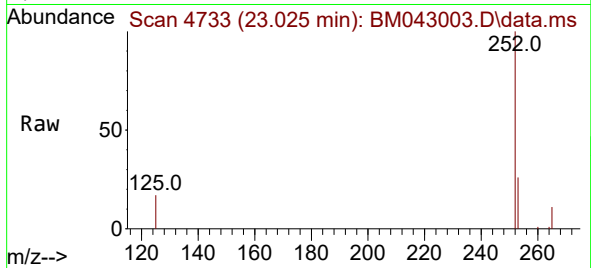
Tgt Ion:228 Resp: 14709
Ion Ratio Lower Upper
228 100
226 32.3 27.2 40.8
229 21.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 1.485 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

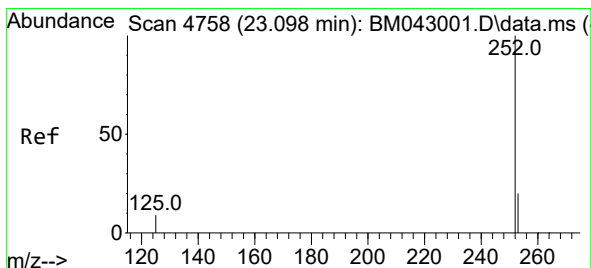
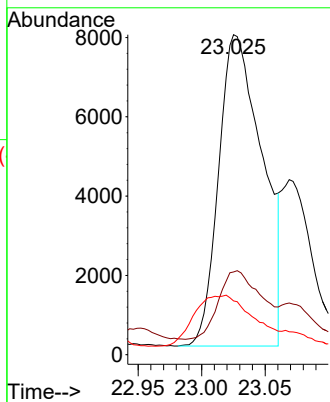
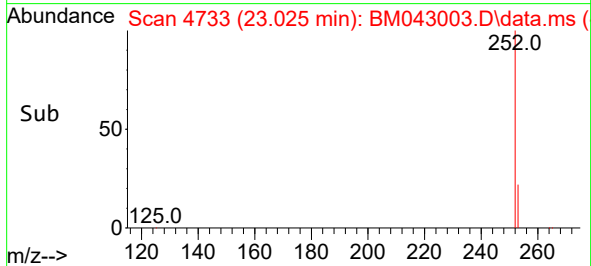
Instrument :
BNA_M
ClientSampleId :
DCKQ6



Tgt Ion:252 Resp: 1879
Ion Ratio Lower Upper
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253 25.8 0.0 71.8
125 16.8 0.0 29.0

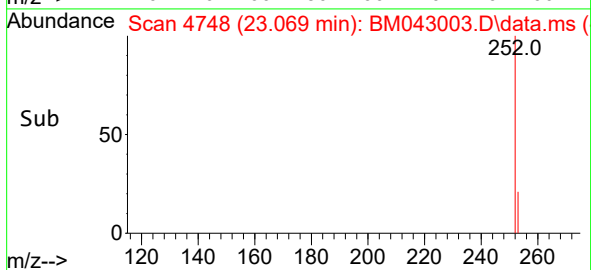
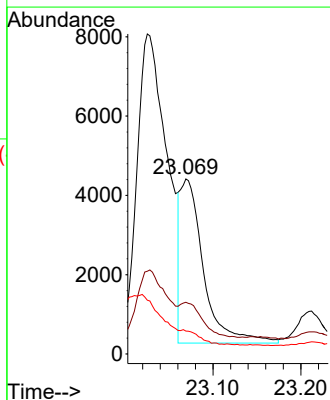
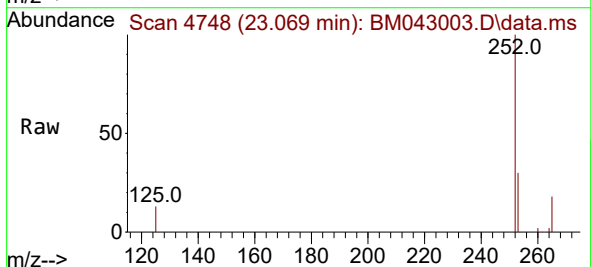
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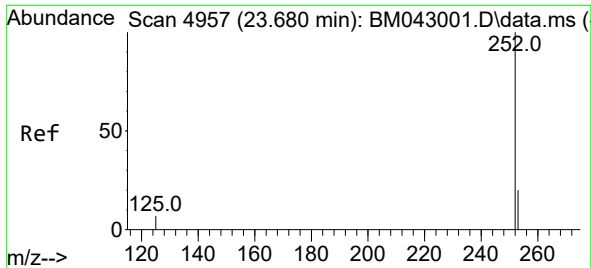
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.029 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

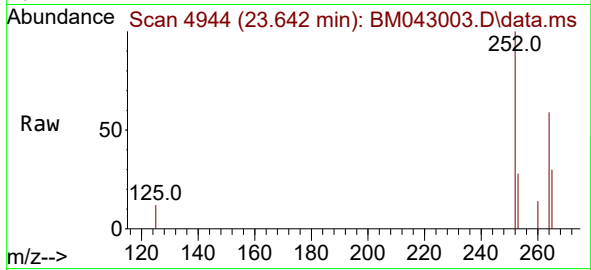
Tgt Ion:252 Resp: 7568
Ion Ratio Lower Upper
252 100
253 29.5 28.2 42.2
125 13.0 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.806 ng/ul
RT: 23.642 min Scan# 4957
Delta R.T. -0.044 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

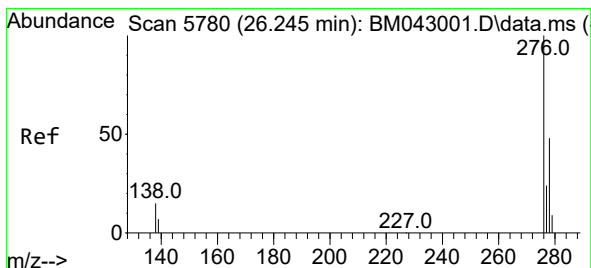
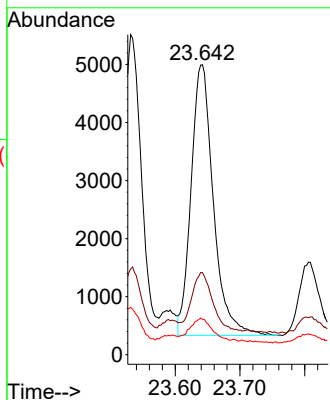
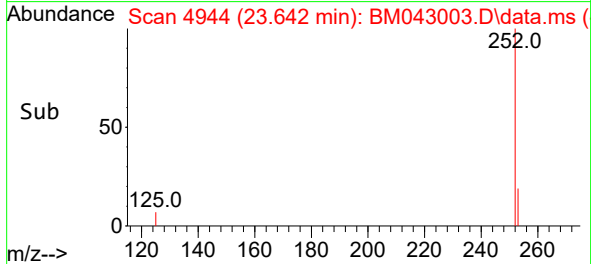
Instrument :
BNA_M
ClientSampleId :
DCKQ6



Tgt Ion:252 Resp: 11130
Ion Ratio Lower Upper
252 100
253 28.3 36.6 55.0#
125 12.2 16.2 24.4#

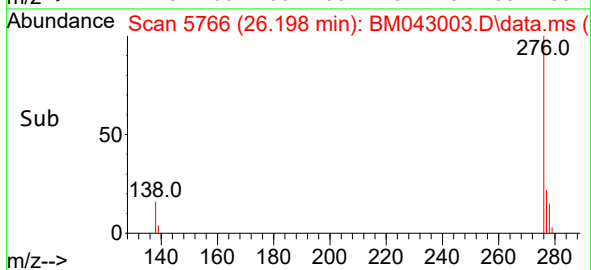
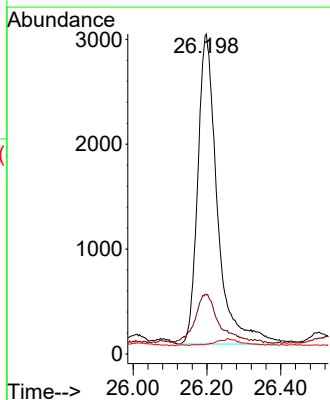
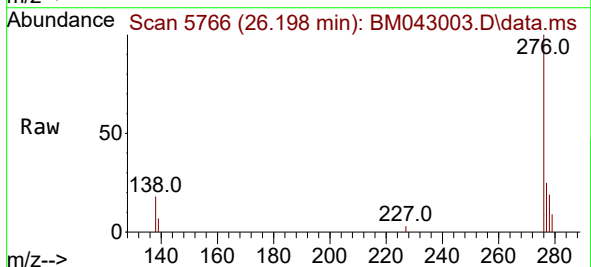
Manual Integrations
APPROVED

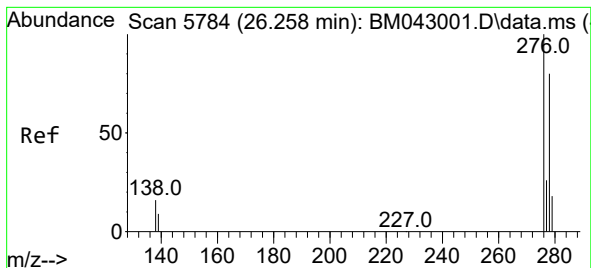
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.581 ng/ul
RT: 26.198 min Scan# 5766
Delta R.T. -0.040 min
Lab File: BM043003.D
Acq: 25 Nov 2023 06:38

Tgt Ion:276 Resp: 10870
Ion Ratio Lower Upper
276 100
138 19.1 0.0 0.0#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.168 ng/ul

RT: 26.202 min Scan# 51

Delta R.T. -0.074 min

Lab File: BM043003.D

Acq: 25 Nov 2023 06:38

Instrument :

BNA_M

ClientSampleId :

DCKQ6

Tgt Ion:278 Resp: 243

Ion Ratio Lower Upper

278 100

139 35.6 18.1 27.1

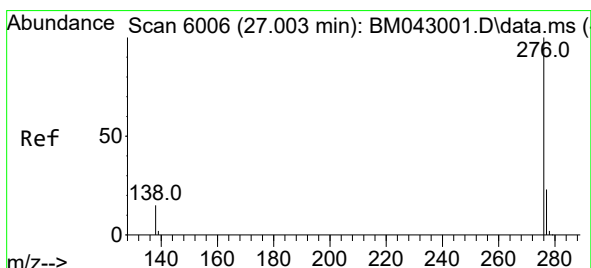
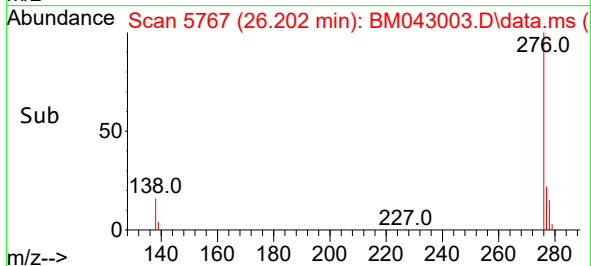
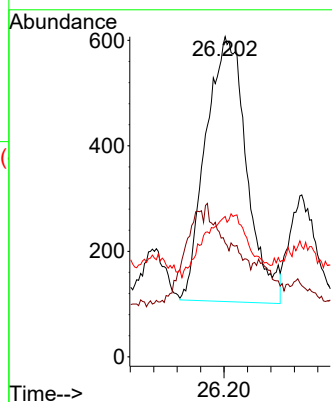
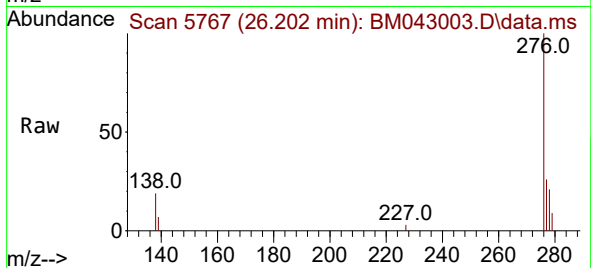
279 43.8 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.641 ng/ul

RT: 26.960 min Scan# 5993

Delta R.T. -0.050 min

Lab File: BM043003.D

Acq: 25 Nov 2023 06:38

Tgt Ion:276 Resp: 11655

Ion Ratio Lower Upper

276 100

138 21.2 17.8 26.8

277 25.8 23.8 35.8

