

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043076.D
 Acq On : 28 Nov 2023 17:44
 Operator : MA/JU
 Sample : 05416-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 23:39:02 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	7.809	152	976m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	3573	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1662m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.207	188	3367	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	2399	0.400	ng/ul	-0.02
23) Perylene-d12	23.750	264	2280m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2263	1.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	880	0.184	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1979	0.226	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	579	0.060	ng/ul#	85
7) 2-Methylnaphthalene	12.288	142	540	0.094	ng/ul	99
8) 1-Methylnaphthalene	12.502	142	373	0.058	ng/ul	91
10) Acenaphthylene	14.177	152	505	0.060	ng/ul#	74
11) Acenaphthene	14.515	153	5710	0.889	ng/ul	95
12) Fluorene	15.505	166	5955	0.902	ng/ul	99
15) Phenanthrene	17.250	178	10677	1.111	ng/ul	93
16) Anthracene	17.343	178	2460	0.270	ng/ul	95
19) Fluoranthene	19.266	202	23384	1.719	ng/ul#	93
20) Pyrene	19.633	202	20602	1.424	ng/ul#	93
21) Benzo(a)anthracene	21.386	228	7870	1.011	ng/ul	96
22) Chrysene	21.438	228	7489	0.517	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	9205	1.196	ng/ul	88
25) Benzo(k)fluoranthene	23.069	252	4439m	0.419	ng/ul	
26) Benzo(a)pyrene	23.639	252	6230	0.742	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.205	276	4849	0.427	ng/ul#	99
29) Benzo(g,h,i)perylene	26.966	276	4439	0.402	ng/ul	98

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

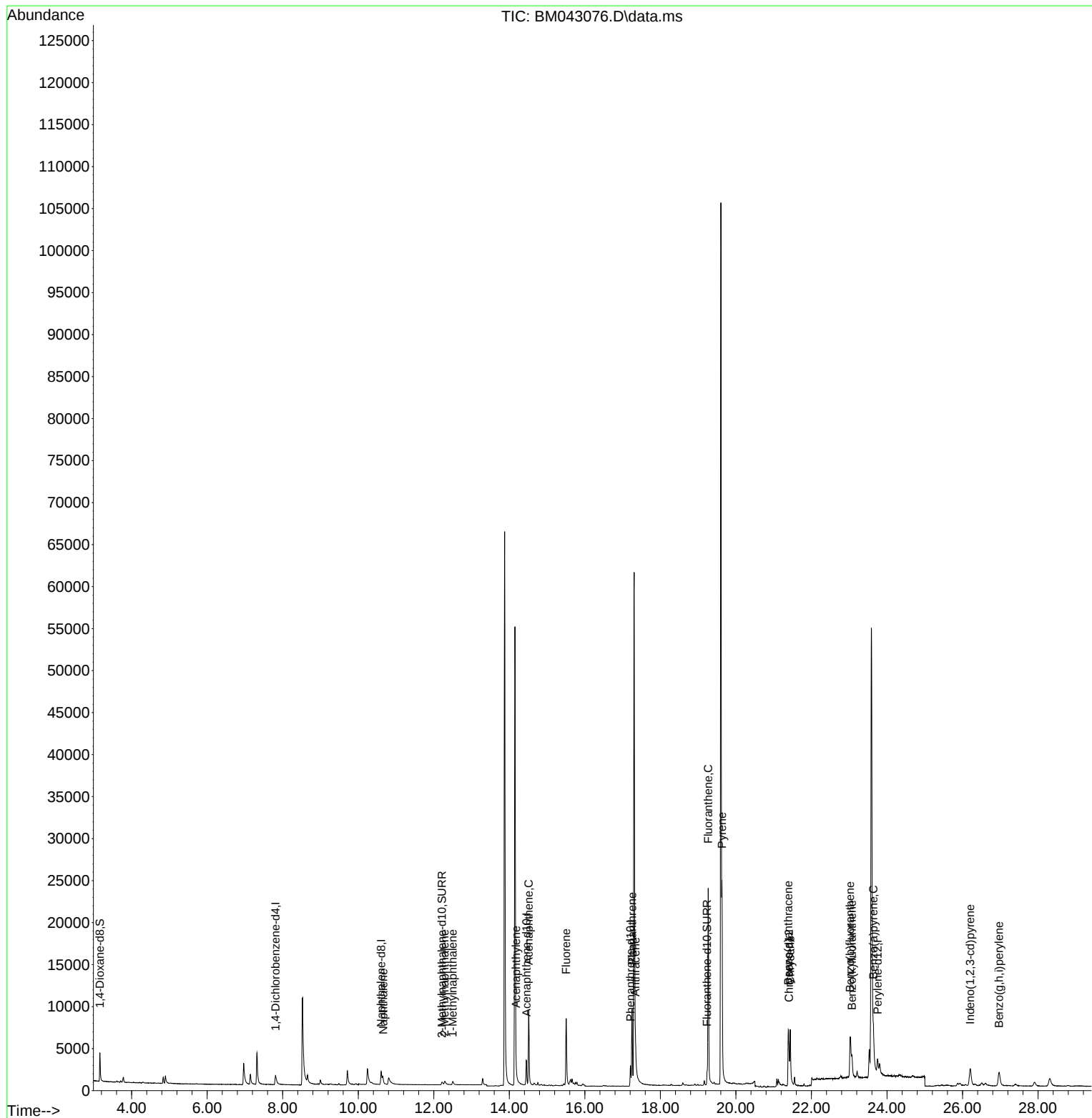
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043076.D
Acq On : 28 Nov 2023 17:44
Operator : MA/JU
Sample : 05416-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

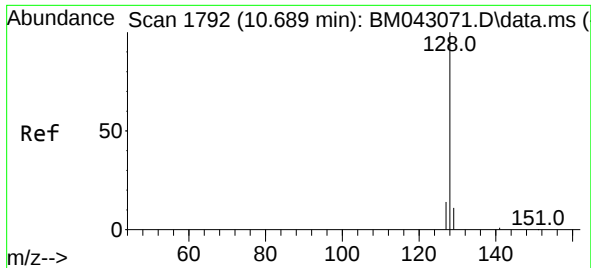
Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

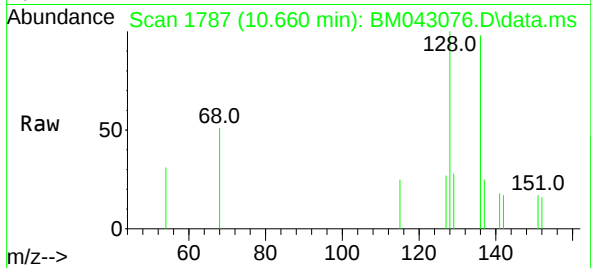
Quant Time: Nov 28 23:39:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.660 min Scan# 1787
Delta R.T. -0.038 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

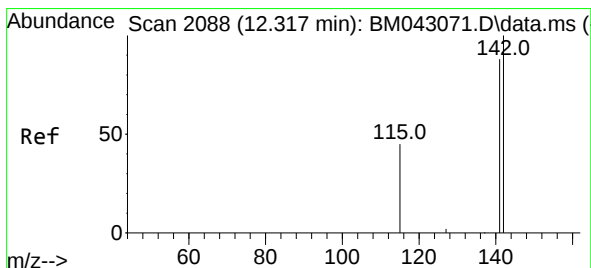
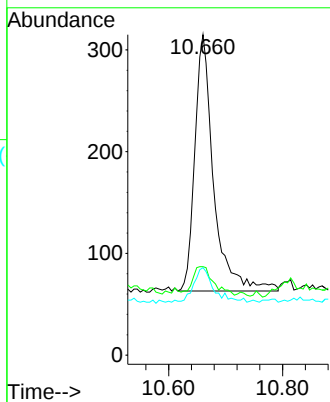
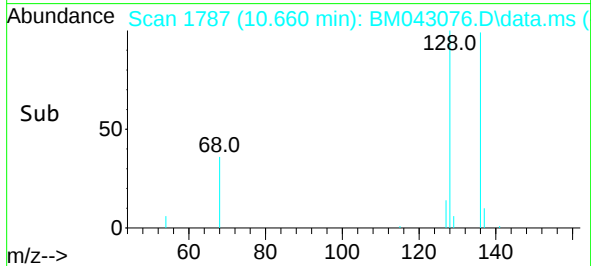
Instrument :
BNA_M
ClientSampleId :
C0AH6



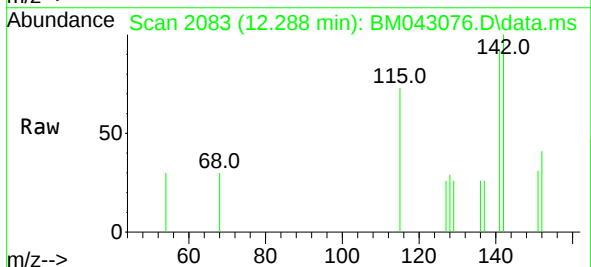
Tgt Ion:128 Resp: 579
Ion Ratio Lower Upper
128 100
129 27.6 16.0 24.0
127 27.3 16.5 24.7

Manual Integrations
APPROVED

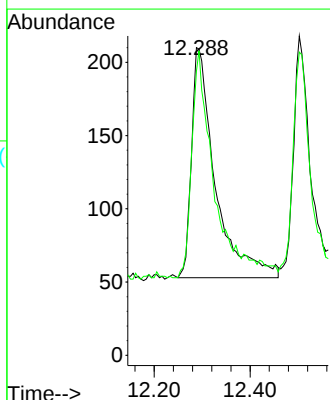
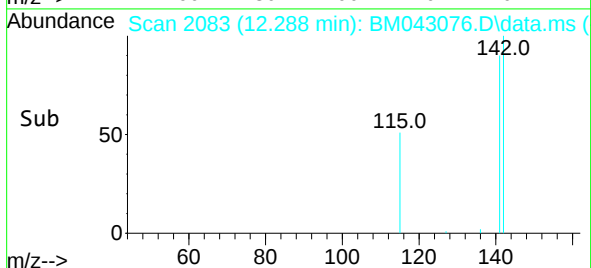
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

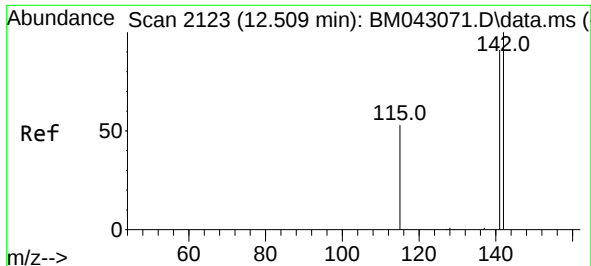


#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44



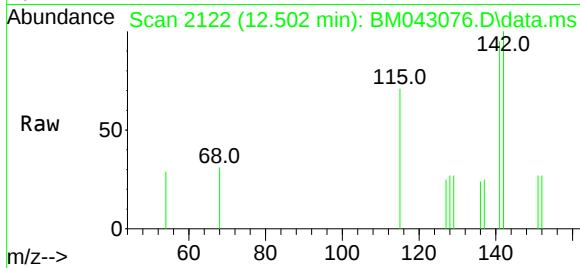
Tgt Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
141 93.7 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.502 min Scan# 2122
Delta R.T. -0.016 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

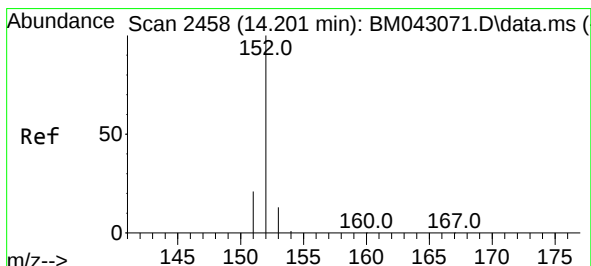
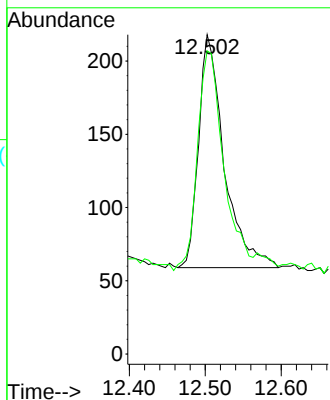
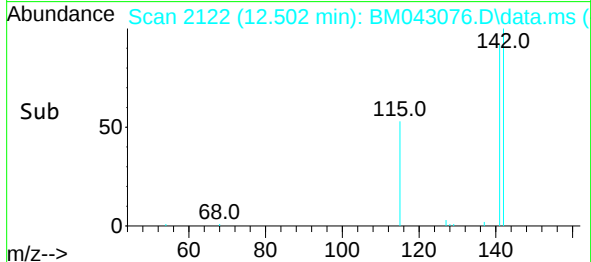
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:142 Resp: 37.0
Ion Ratio Lower Upper
142 100
141 100.5 73.8 110.8

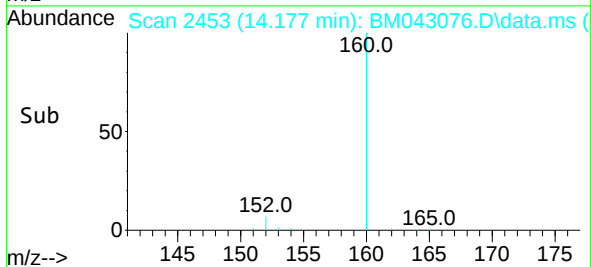
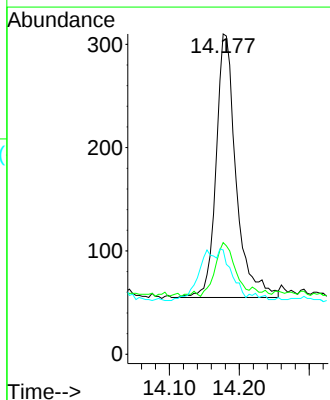
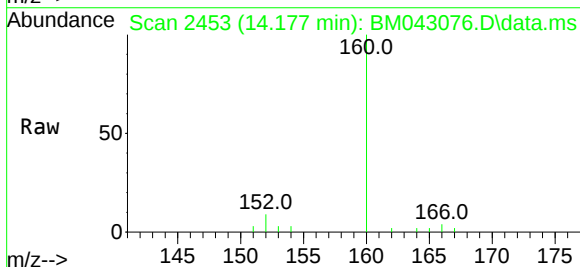
Manual Integrations
APPROVED

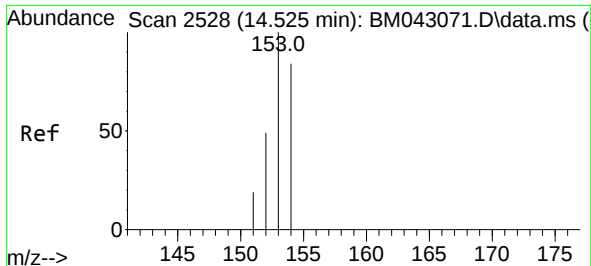
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

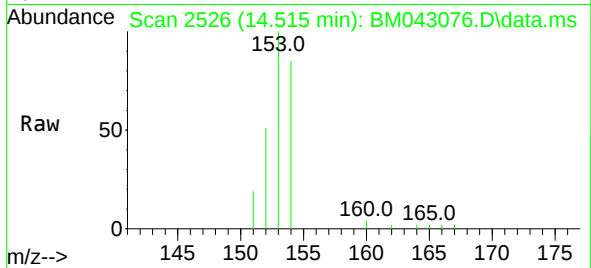
Tgt Ion:152 Resp: 505
Ion Ratio Lower Upper
152 100
151 34.8 19.4 29.0#
153 32.6 14.6 21.8#





#11
Acenaphthene
Concen: 0.889 ng/u1
RT: 14.515 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

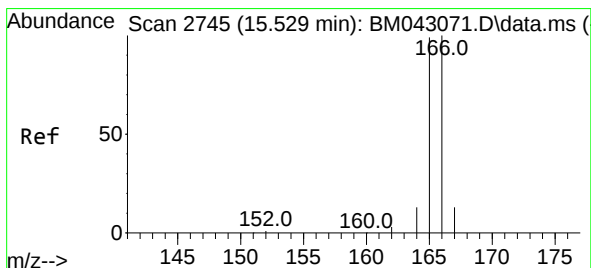
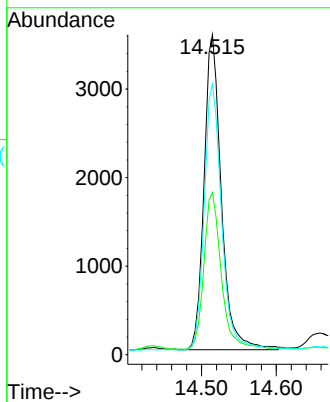
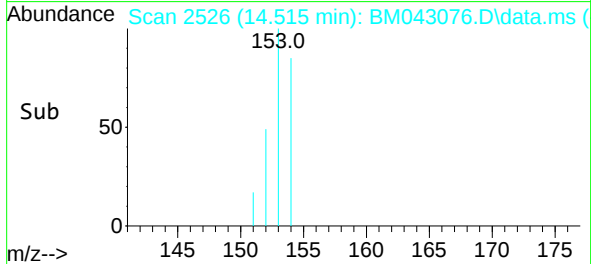
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:153 Resp: 5710
Ion Ratio Lower Upper
153 100
152 50.7 43.9 65.9
154 84.6 70.6 105.8

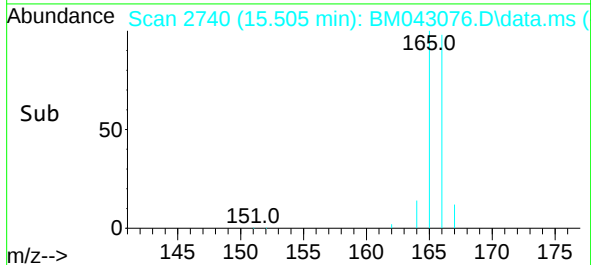
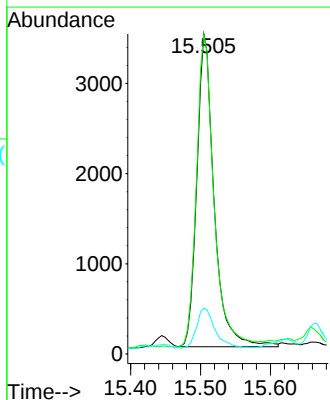
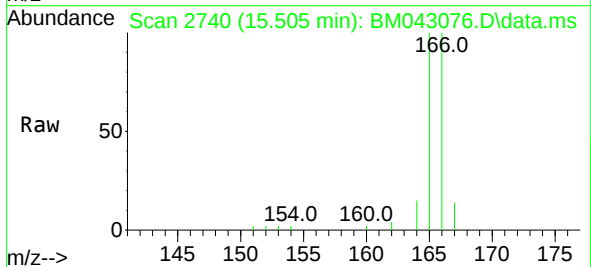
Manual Integrations
APPROVED

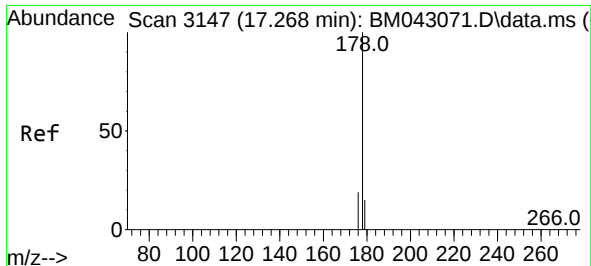
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
Fluorene
Concen: 0.902 ng/u1
RT: 15.505 min Scan# 2740
Delta R.T. -0.032 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

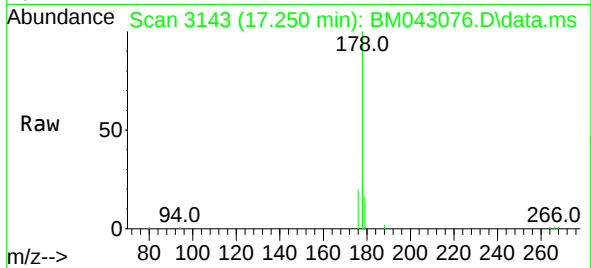
Tgt Ion:166 Resp: 5955
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 14.3 14.2 21.4





#15
Phenanthrene
Concen: 1.111 ng/ul
RT: 17.250 min Scan# 3147
Delta R.T. -0.029 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

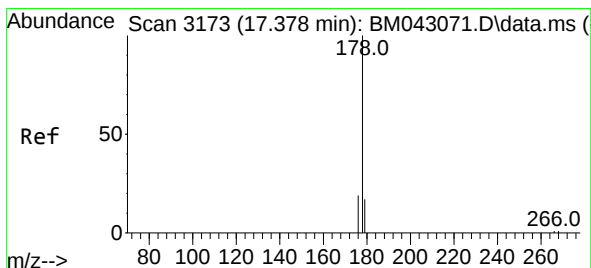
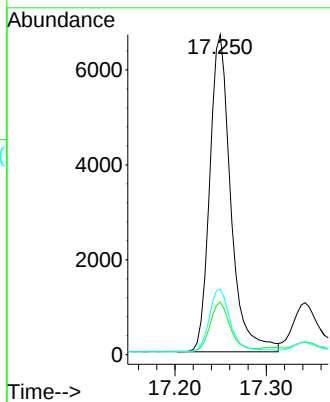
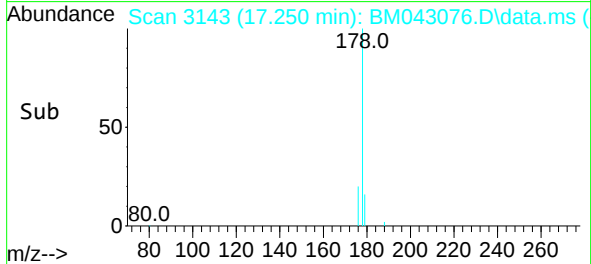
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:178 Resp: 1067
Ion Ratio Lower Upper
178 100
179 16.4 15.7 23.5
176 20.4 18.9 28.3

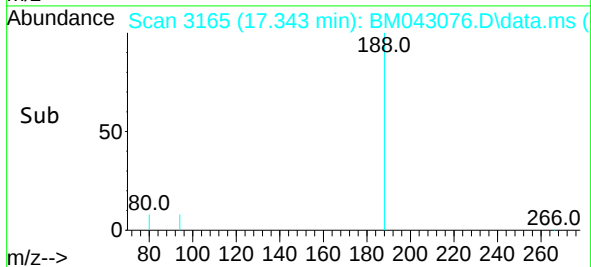
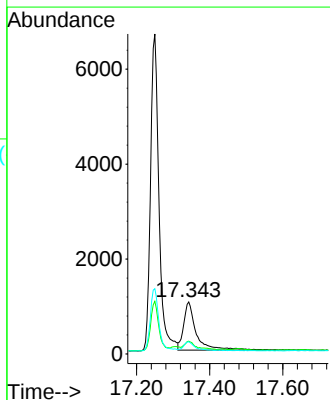
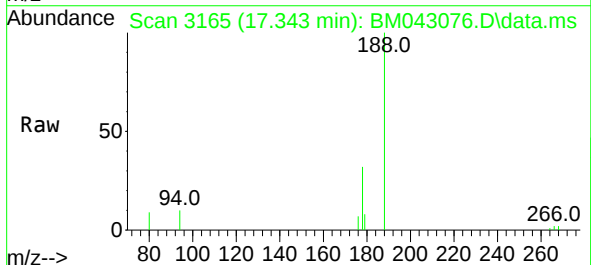
Manual Integrations
APPROVED

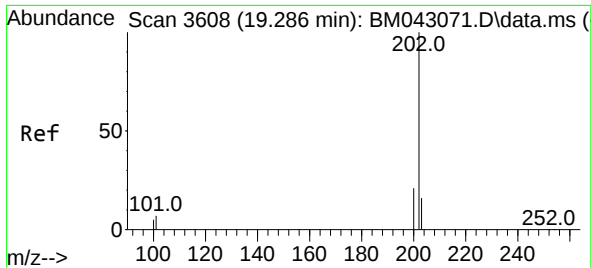
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#16
Anthracene
Concen: 0.270 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.051 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

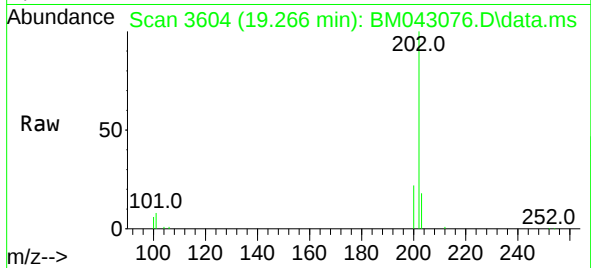
Tgt Ion:178 Resp: 2460
Ion Ratio Lower Upper
178 100
179 24.7 17.3 25.9
176 23.4 20.5 30.7





#19
Fluoranthene
Concen: 1.719 ng/ul
RT: 19.266 min Scan# 3604
Delta R.T. -0.028 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

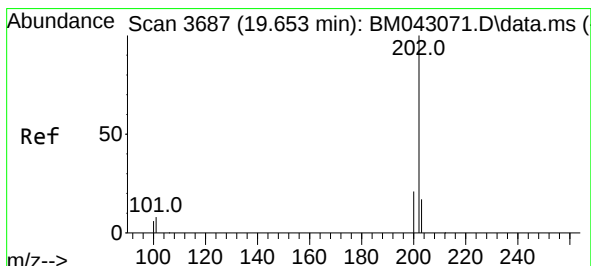
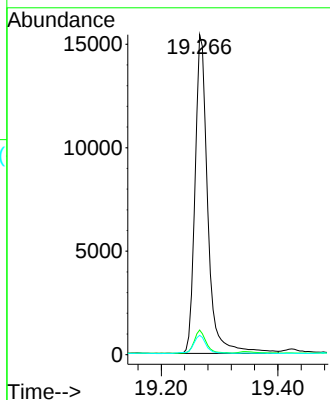
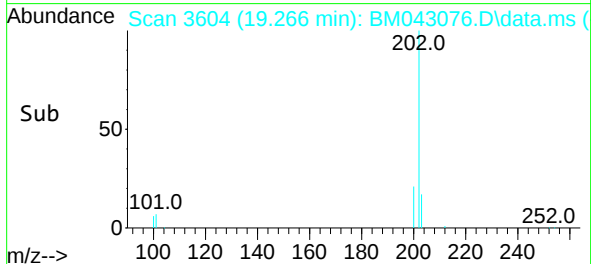
Instrument :
BNA_M
ClientSampleId :
C0AH6



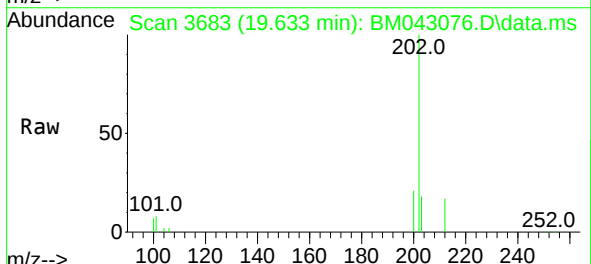
Tgt Ion:202 Resp: 23384
Ion Ratio Lower Upper
202 100
101 7.7 7.8 11.8#
100 6.0 7.1 10.7#

Manual Integrations
APPROVED

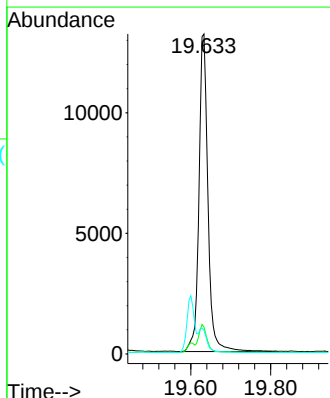
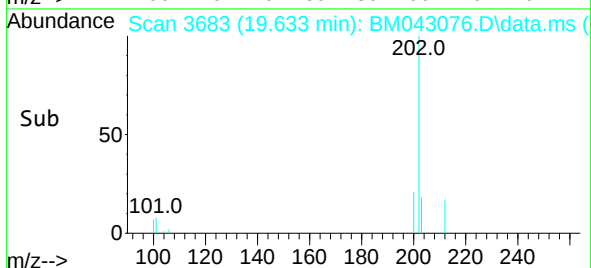
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

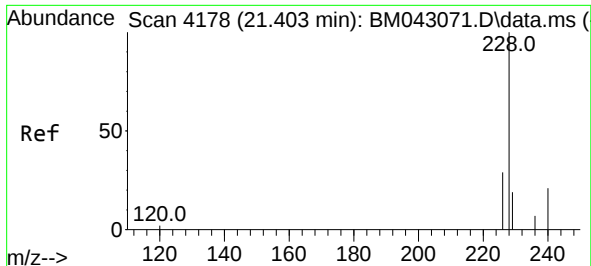


#20
Pyrene
Concen: 1.424 ng/ul
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44



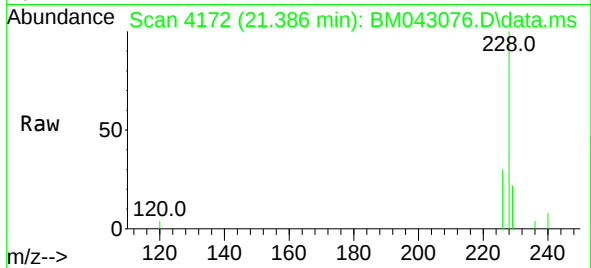
Tgt Ion:202 Resp: 20602
Ion Ratio Lower Upper
202 100
101 8.4 8.7 13.1#
100 7.4 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 1.011 ng/ul
RT: 21.386 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

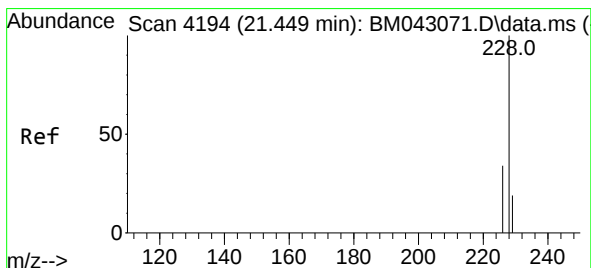
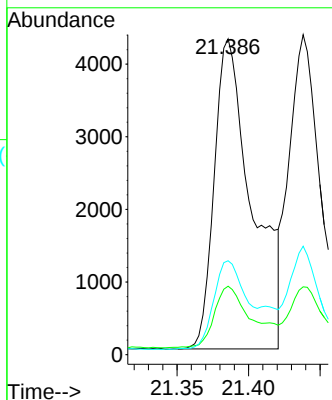
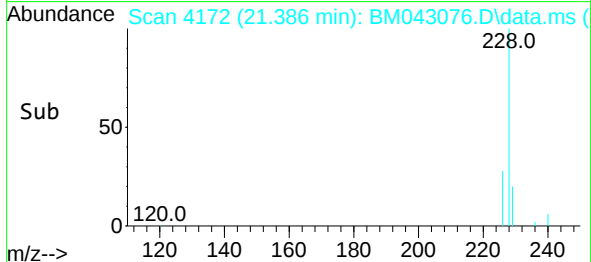
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:228 Resp: 7870
Ion Ratio Lower Upper
228 100
229 21.7 19.4 29.0
226 29.8 24.9 37.3

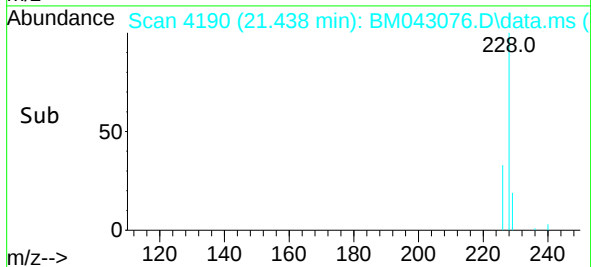
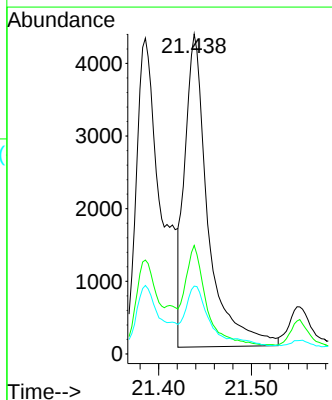
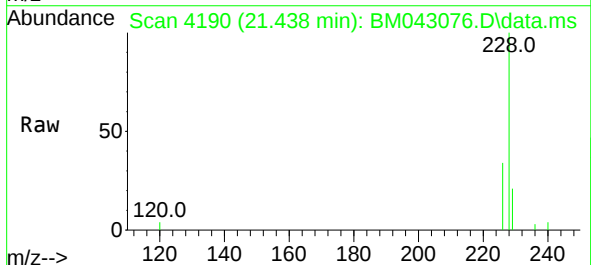
Manual Integrations
APPROVED

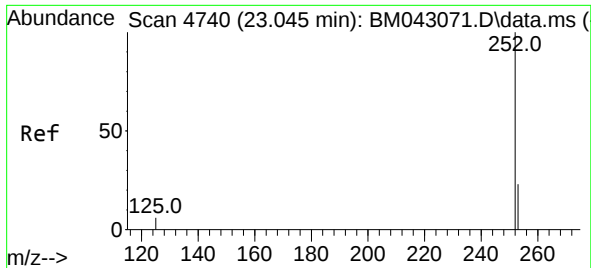
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.517 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

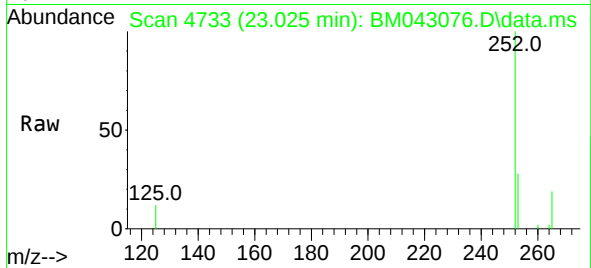
Tgt Ion:228 Resp: 7489
Ion Ratio Lower Upper
228 100
226 33.9 27.2 40.8
229 21.2 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 1.196 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

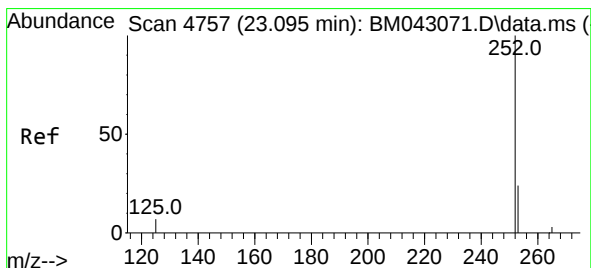
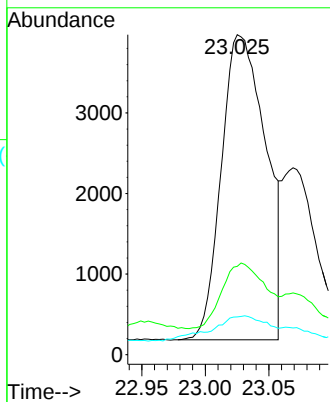
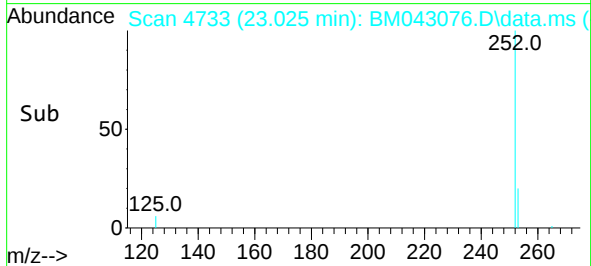
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:252 Resp: 920
Ion Ratio Lower Upper
252 100
253 27.6 0.0 71.8
125 11.8 0.0 29.0

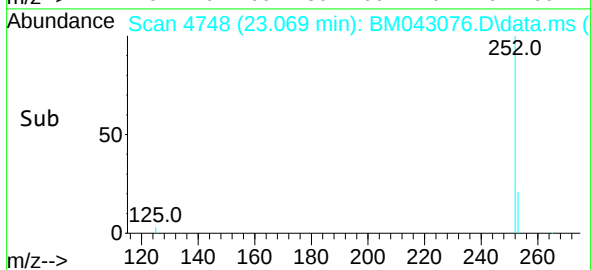
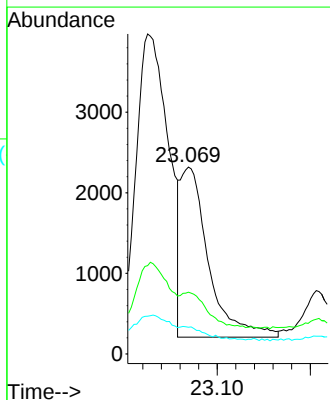
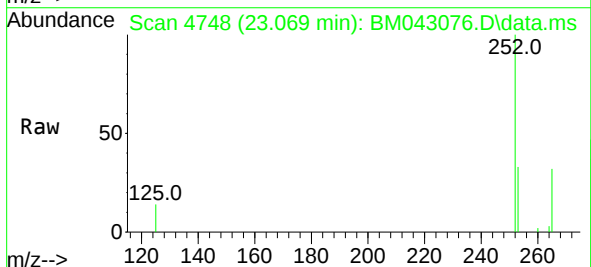
Manual Integrations
APPROVED

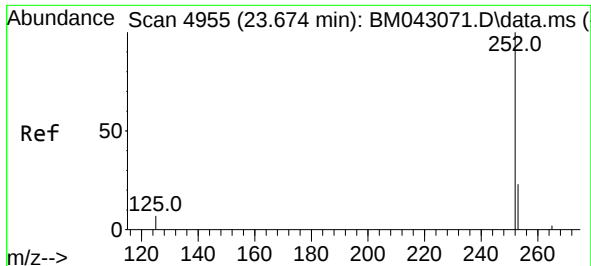
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.029 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

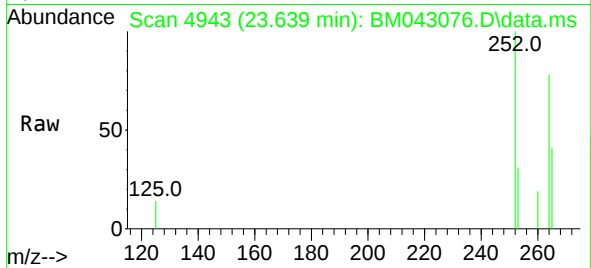
Tgt Ion:252 Resp: 4439
Ion Ratio Lower Upper
252 100
253 33.0 28.2 42.2
125 14.3 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.742 ng/ul
RT: 23.639 min Scan# 4955
Delta R.T. -0.047 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

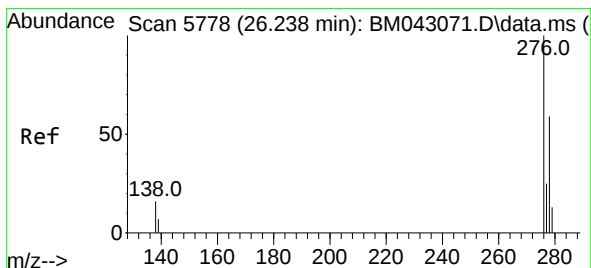
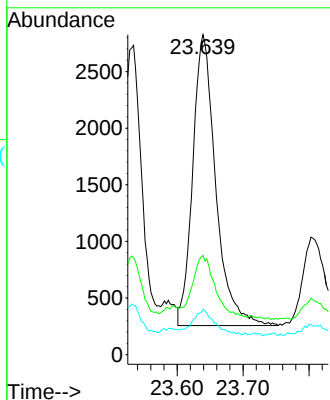
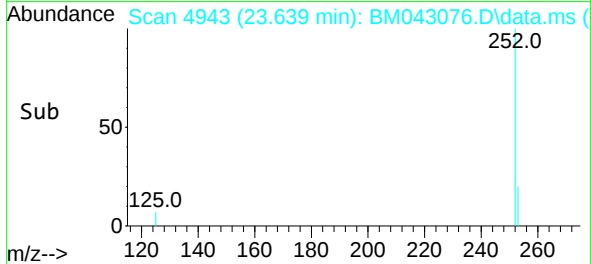
Instrument :
BNA_M
ClientSampleId :
C0AH6



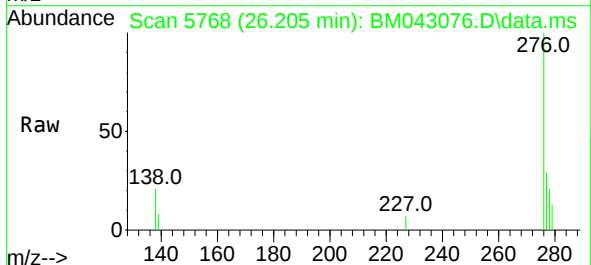
Tgt Ion:252 Resp: 6230
Ion Ratio Lower Upper
252 100
253 31.0 36.6 55.0#
125 14.2 16.2 24.4#

Manual Integrations
APPROVED

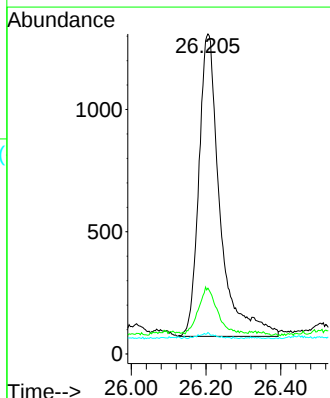
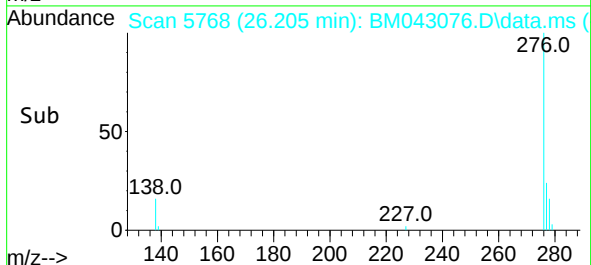
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

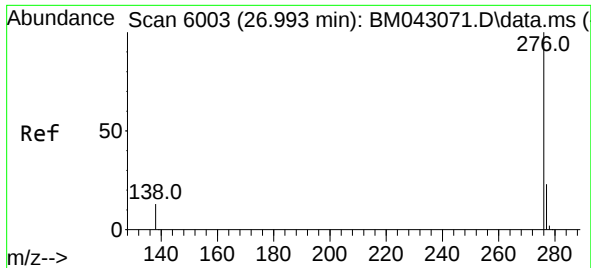


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng/ul
RT: 26.205 min Scan# 5768
Delta R.T. -0.033 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44



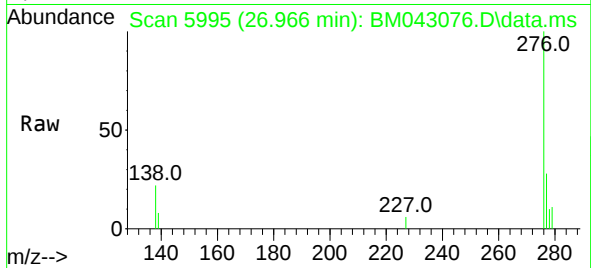
Tgt Ion:276 Resp: 4849
Ion Ratio Lower Upper
276 100
138 14.7 0.0 0.0#
227 1.4 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.966 min Scan# 5995
Delta R.T. -0.044 min
Lab File: BM043076.D
Acq: 28 Nov 2023 17:44

Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:276 Resp: 4439
Ion Ratio Lower Upper
276 100
138 22.4 17.8 26.8
277 27.7 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

