

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041065.D
 Acq On : 22 Jul 2023 21:54
 Operator : MA/JU
 Sample : 03504-13
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 22:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

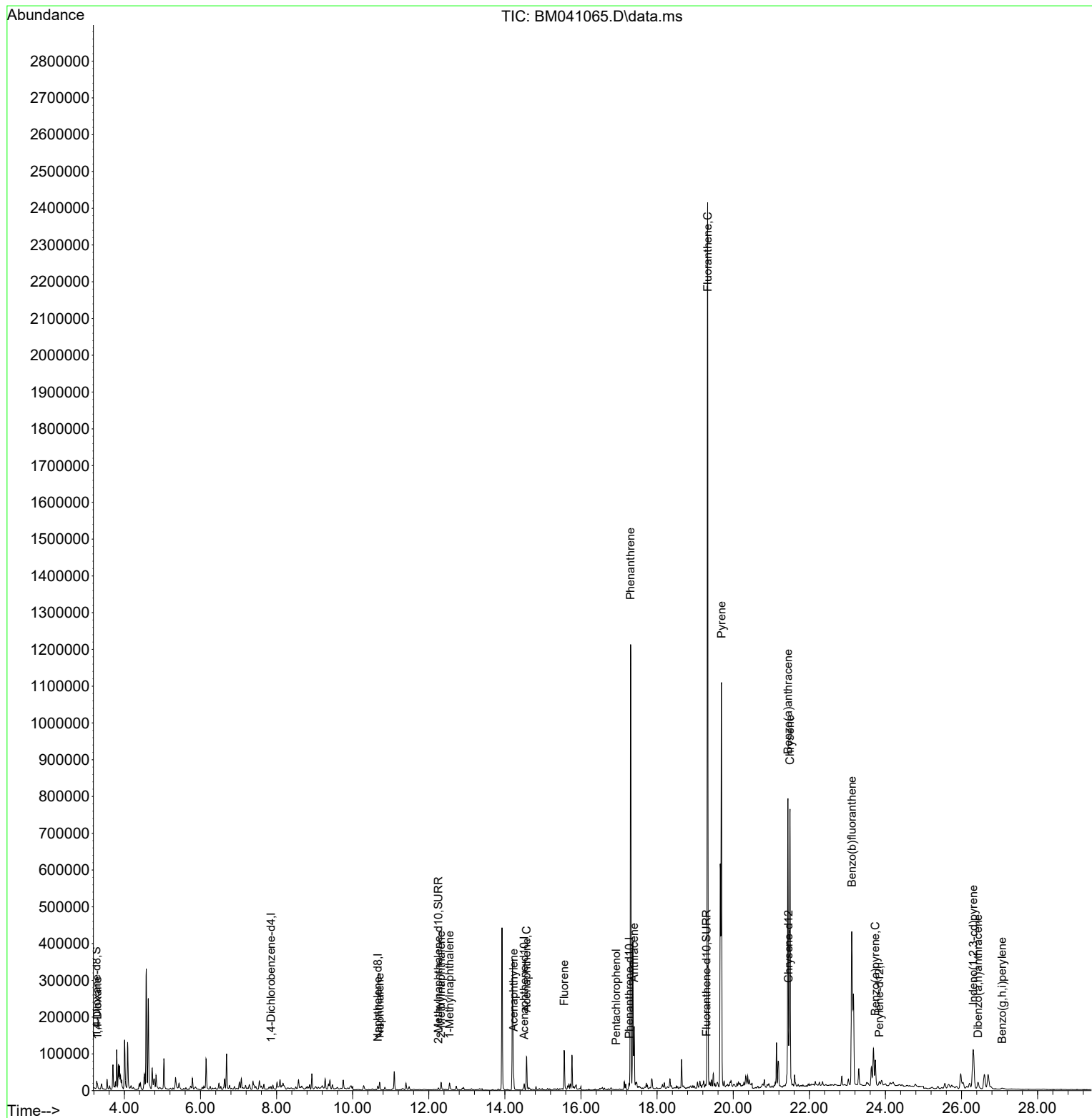
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	13751	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	8362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	23056	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	13044	0.400	ng/ul #	0.00
23) Perylene-d12	23.842	264	15868	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.271	96	12453	1.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	7162	0.391	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	16117	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	2002	0.296	ng/ul#	1
5) Naphthalene	10.708	128	27782	0.739	ng/ul	99
7) 2-Methylnaphthalene	12.325	142	13860	0.672	ng/ul	96
8) 1-Methylnaphthalene	12.544	142	12376	0.564	ng/ul	99
10) Acenaphthylene	14.231	152	38930	1.111	ng/ul	99
11) Acenaphthene	14.569	153	53490	1.733	ng/ul	97
12) Fluorene	15.559	166	64498	2.018	ng/ul	98
14) Pentachlorophenol	16.928	266	103	0.022	ng/ul#	85
15) Phenanthrene	17.303	178	1250550	18.147	ng/ul	98
16) Anthracene	17.396	178	167306	3.116	ng/ul	97
19) Fluoranthene	19.329	202	2010084	29.847	ng/ul#	91
20) Pyrene	19.692	202	951351	13.827	ng/ul#	91
21) Benzo(a)anthracene	21.440	228	661948	16.659	ng/ul	99
22) Chrysene	21.492	228	681705	15.007	ng/ul	97
24) Benzo(b)fluoranthene	23.117	252	724035	11.888	ng/ul	83
26) Benzo(a)pyrene	23.734	252	99829	1.898	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.307	276	156787	2.246	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.435	278	28205	0.534	ng/ul	99
29) Benzo(g,h,i)perylene	27.068	276	7287	0.113	ng/ul#	72

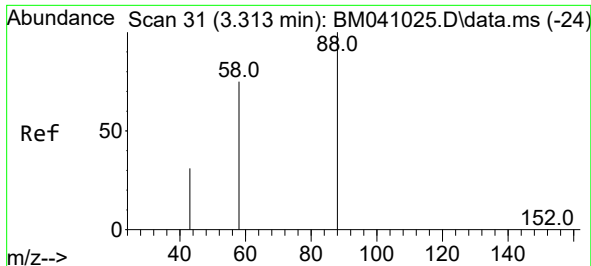
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041065.D
Acq On : 22 Jul 2023 21:54
Operator : MA/JU
Sample : 03504-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

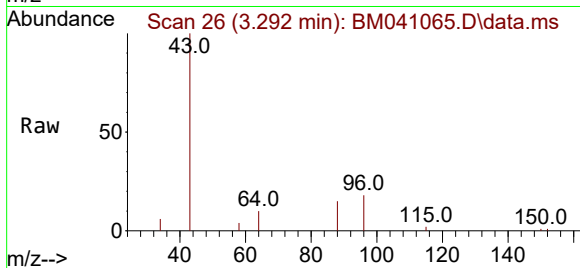
Quant Time: Jul 22 22:38:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration



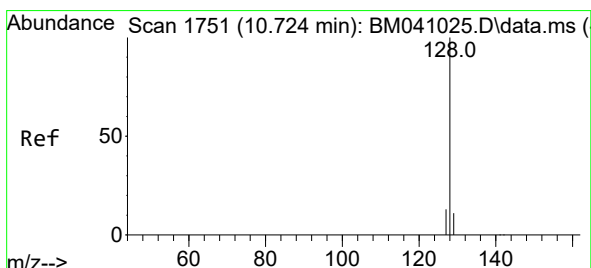
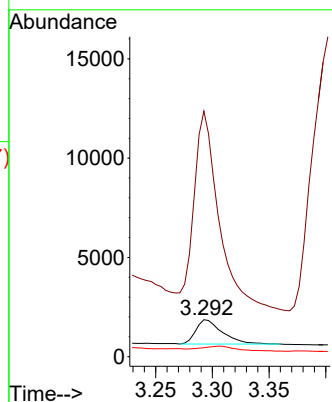
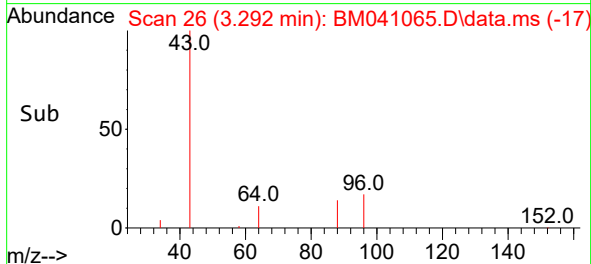


#2
1,4-Dioxane
Concen: 0.296 ng/ul
RT: 3.292 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Instrument :
BNA_M
ClientSampleId :

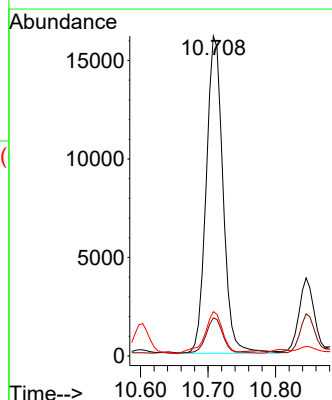
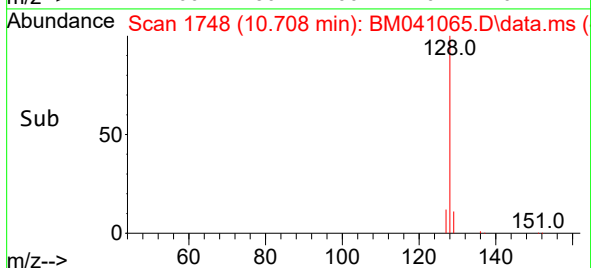
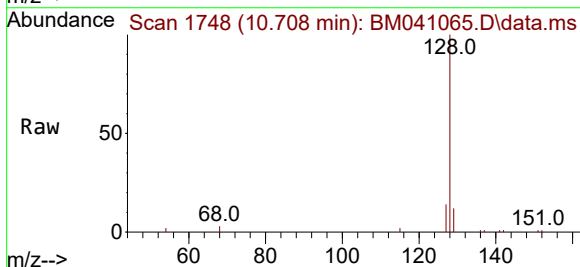


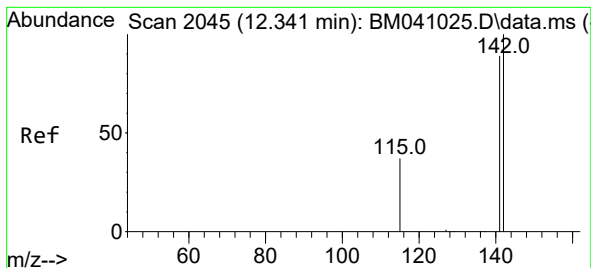
Tgt Ion: 88 Resp: 2002
Ion Ratio Lower Upper
88 100
43 663.0 46.7 70.1#
58 24.2 40.3 60.5#



#5
Naphthalene
Concen: 0.739 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Tgt Ion: 128 Resp: 27782
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.8
127 13.8 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.672 ng/ul

RT: 12.325 min Scan# 2042

Delta R.T. -0.011 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

Instrument :

BNA_M

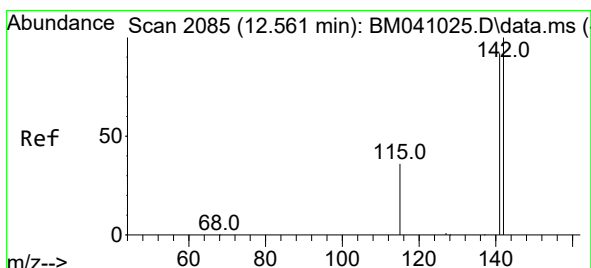
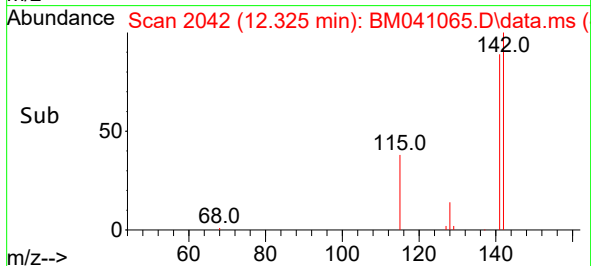
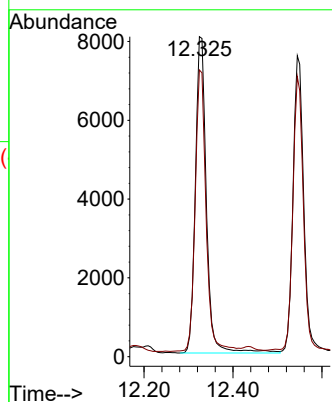
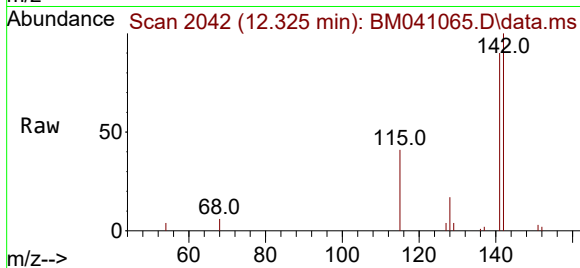
ClientSampleId :

Tgt Ion:142 Resp: 13860

Ion Ratio Lower Upper

142 100

141 87.4 73.2 109.8



#8

1-Methylnaphthalene

Concen: 0.564 ng/ul

RT: 12.544 min Scan# 2082

Delta R.T. -0.011 min

Lab File: BM041065.D

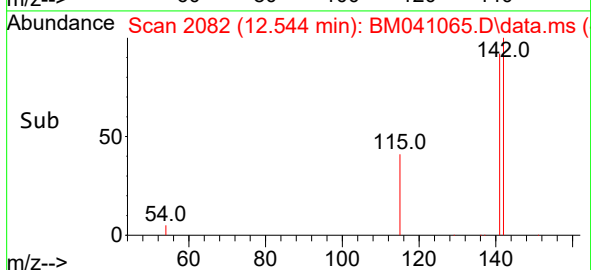
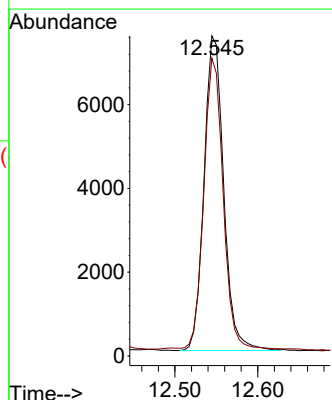
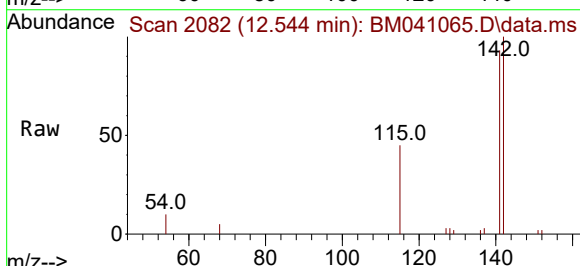
Acq: 22 Jul 2023 21:54

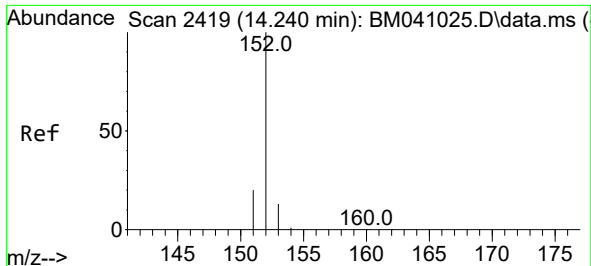
Tgt Ion:142 Resp: 12376

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.2

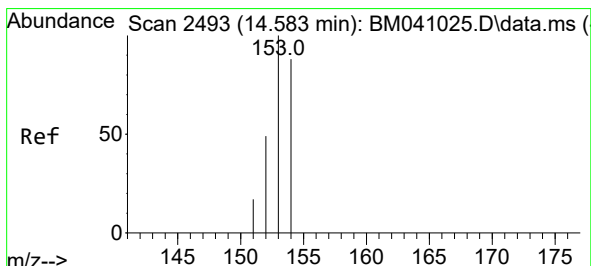
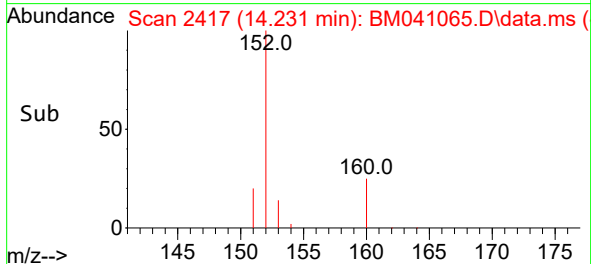
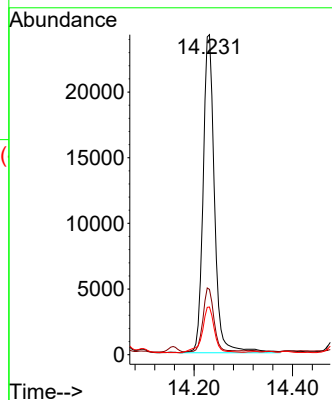
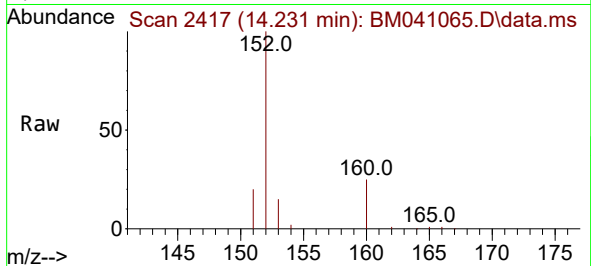




#10
Acenaphthylene
Concen: 1.111 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

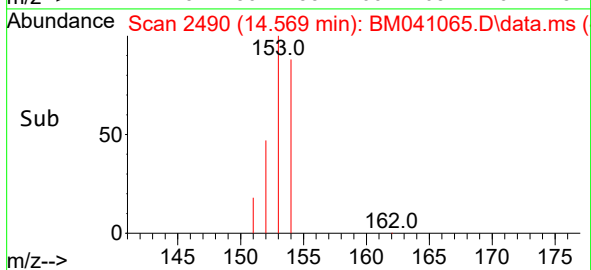
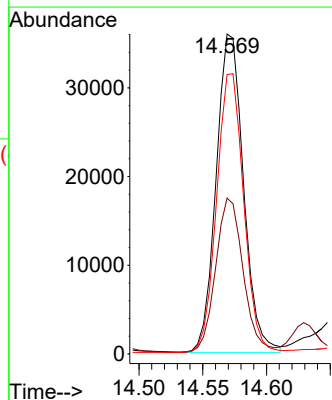
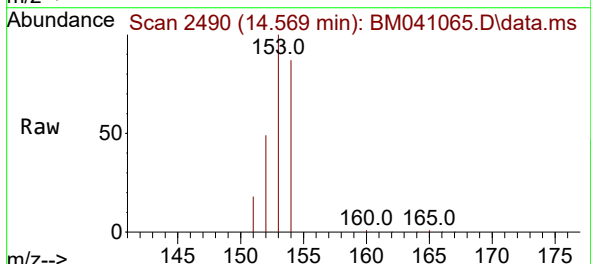
Instrument :
BNA_M
ClientSampleId :

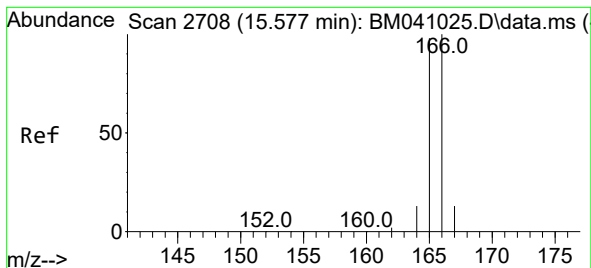
Tgt Ion:152 Resp: 38930
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.9 11.6 17.4



#11
Acenaphthene
Concen: 1.733 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Tgt Ion:153 Resp: 53490
Ion Ratio Lower Upper
153 100
152 48.7 41.0 61.6
154 87.3 68.2 102.2





#12

Fluorene

Concen: 2.018 ng/ul

RT: 15.559 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

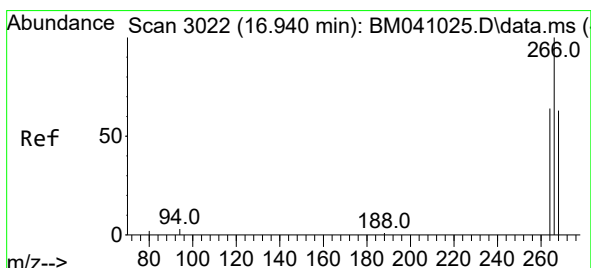
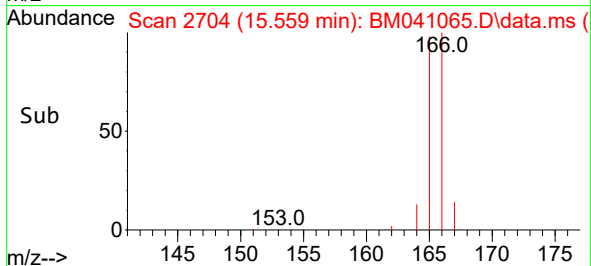
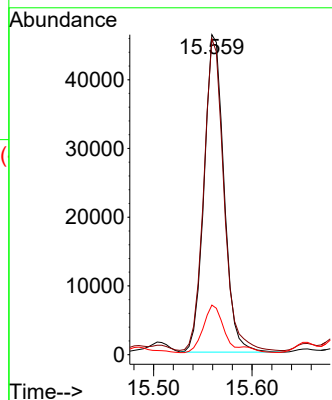
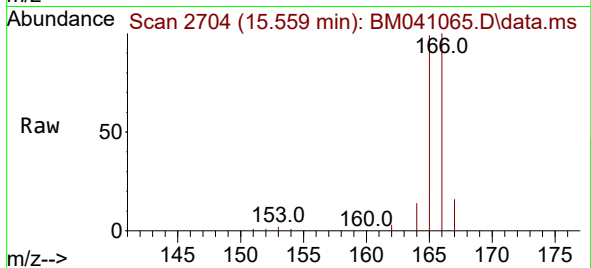
Tgt Ion:166 Resp: 64498

Ion Ratio Lower Upper

166 100

165 98.7 80.3 120.5

167 15.5 11.7 17.5



#14

Pentachlorophenol

Concen: 0.022 ng/ul

RT: 16.928 min Scan# 3019

Delta R.T. -0.008 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

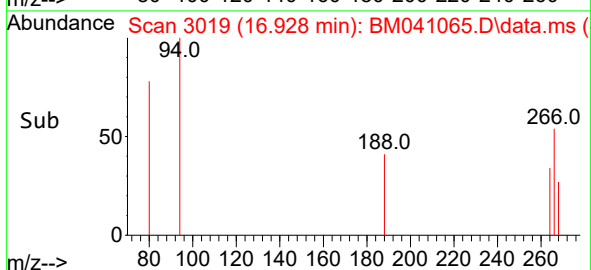
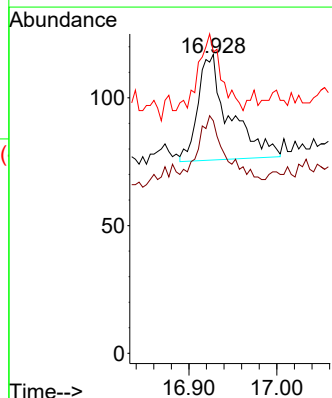
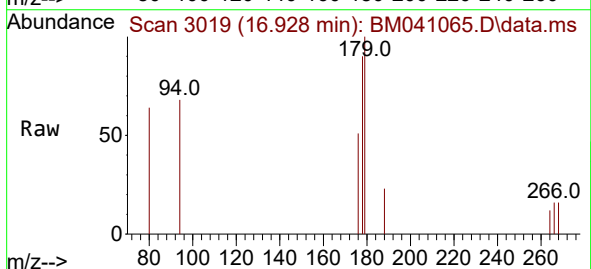
Tgt Ion:266 Resp: 103

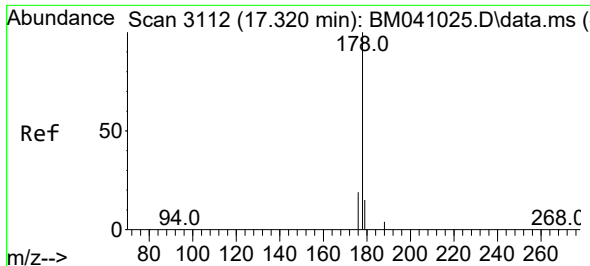
Ion Ratio Lower Upper

266 100

264 54.4 50.7 76.1

268 51.5 52.8 79.2#

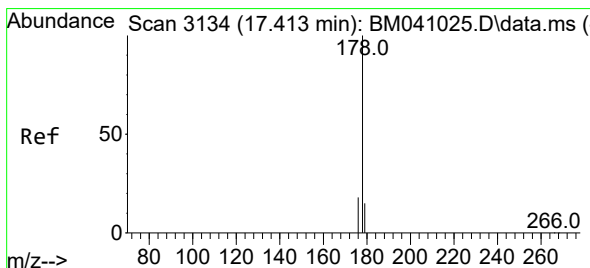
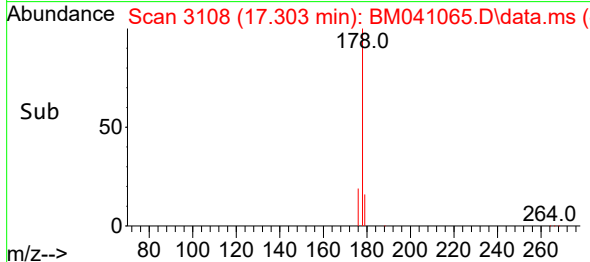
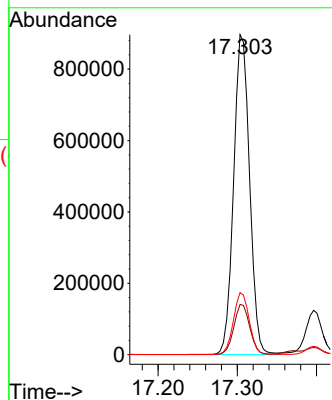
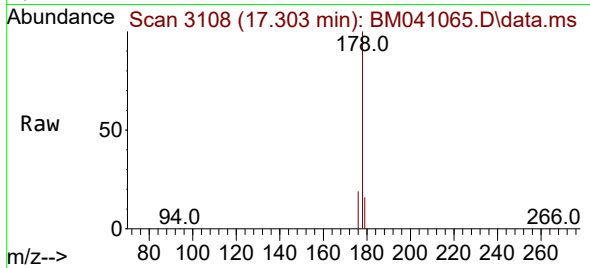




#15
Phenanthrene
Concen: 18.147 ng/ul
RT: 17.303 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

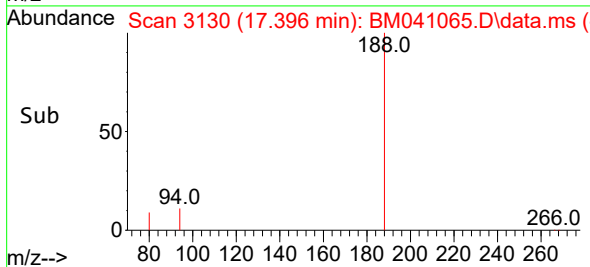
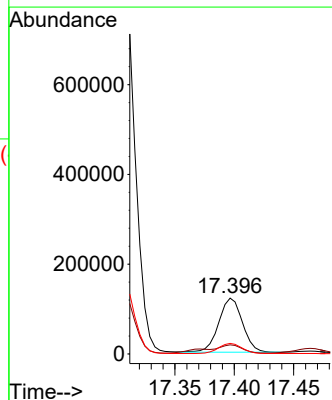
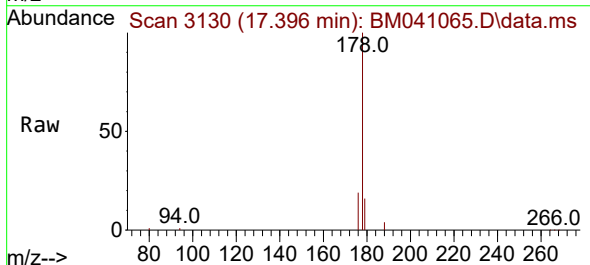
Instrument :
BNA_M
ClientSampleId :

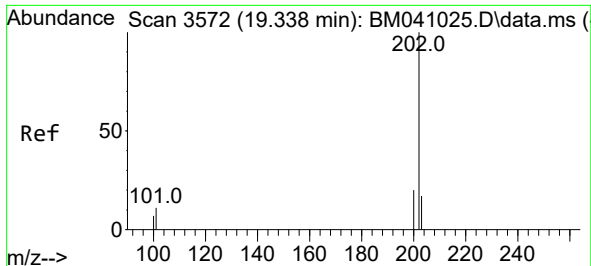
Tgt Ion:178 Resp: 1250550
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 16.2 24.4



#16
Anthracene
Concen: 3.116 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Tgt Ion:178 Resp: 167306
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 18.9 16.4 24.6





#19

Fluoranthene

Concen: 29.847 ng/ul

RT: 19.329 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

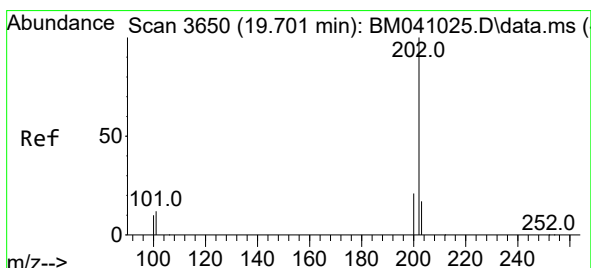
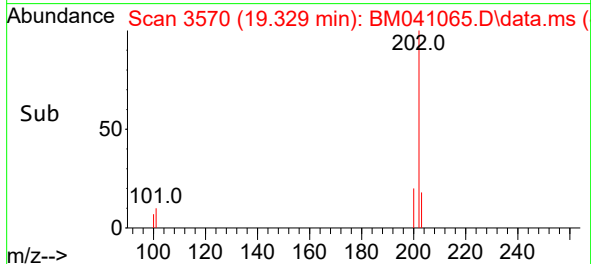
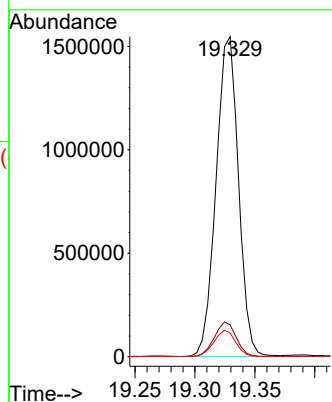
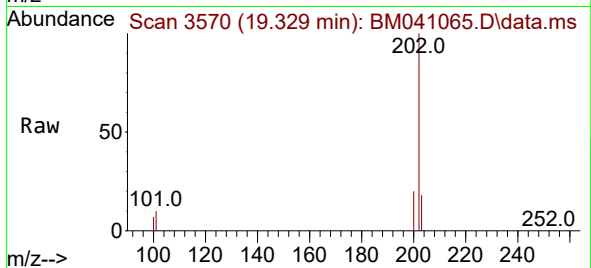
Tgt Ion:202 Resp: 2010084

Ion Ratio Lower Upper

202 100

101 10.0 11.0 16.4#

100 7.4 8.3 12.5#



#20

Pyrene

Concen: 13.827 ng/ul

RT: 19.692 min Scan# 3648

Delta R.T. -0.004 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

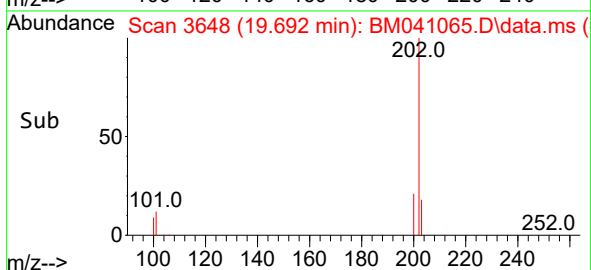
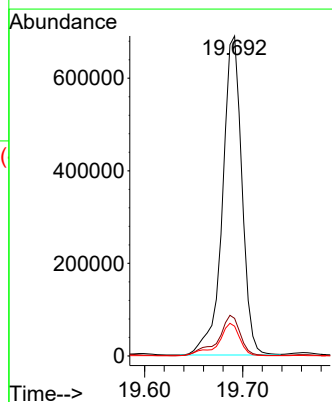
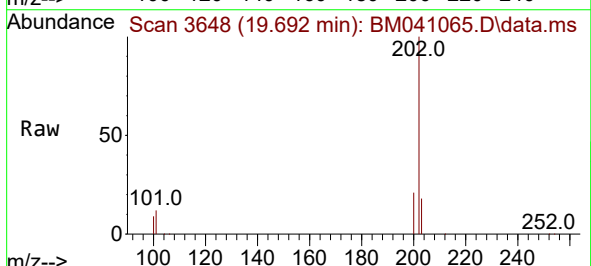
Tgt Ion:202 Resp: 951351

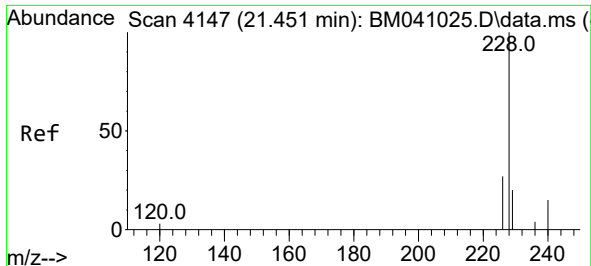
Ion Ratio Lower Upper

202 100

101 11.7 12.5 18.7#

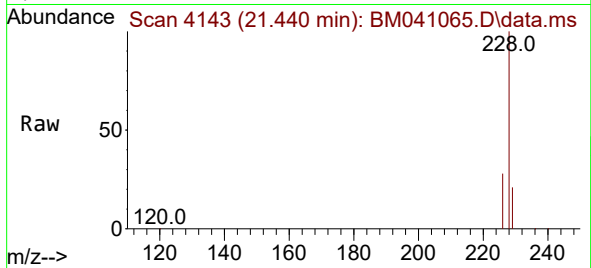
100 9.3 10.0 15.0#



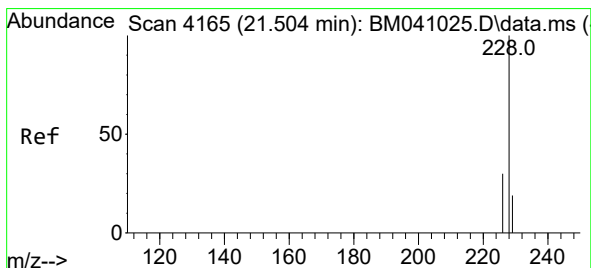
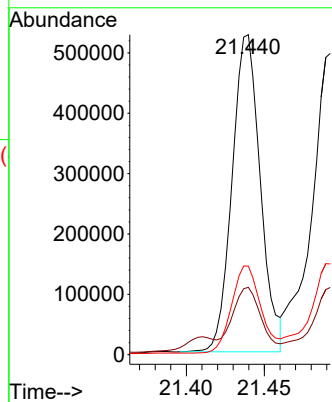
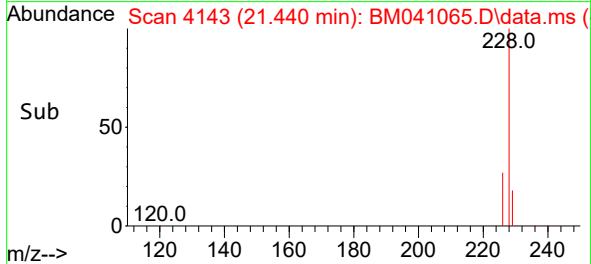


#21
Benzo(a)anthracene
Concen: 16.659 ng/ul
RT: 21.440 min Scan# 4143
Delta R.T. -0.008 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Instrument :
BNA_M
ClientSampleId :

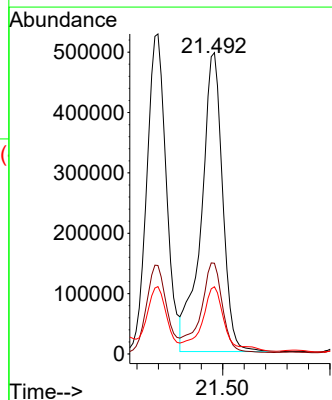
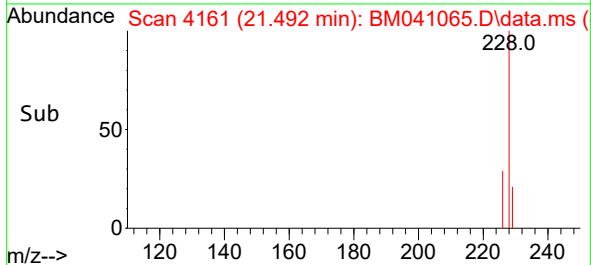
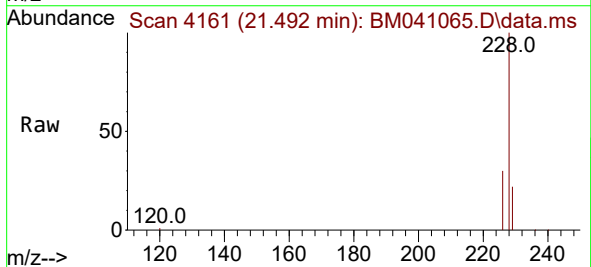


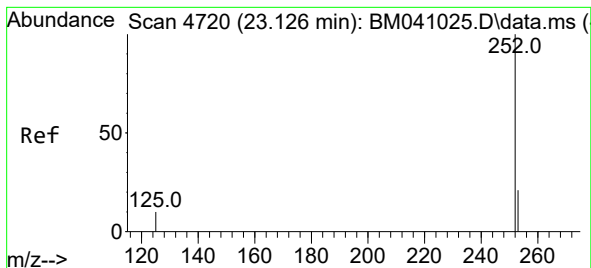
Tgt Ion:228 Resp: 661948
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.4
226 27.7 22.3 33.5



#22
Chrysene
Concen: 15.007 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.008 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Tgt Ion:228 Resp: 681705
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 22.3 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 11.888 ng/ul

RT: 23.117 min Scan# 4717

Delta R.T. -0.008 min

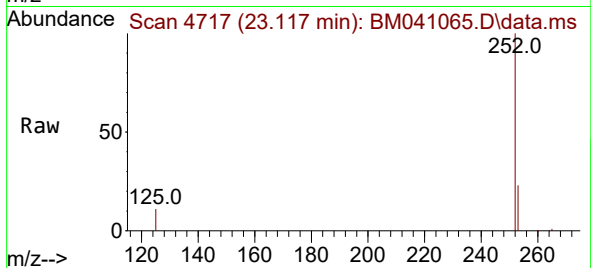
Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :



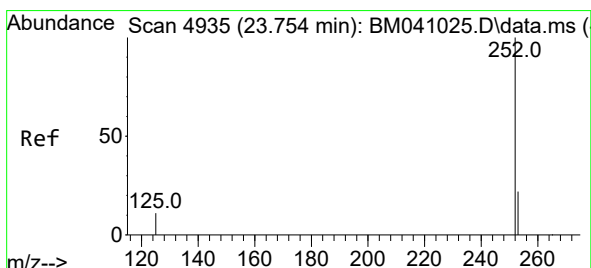
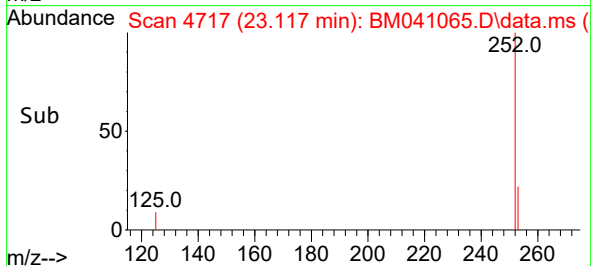
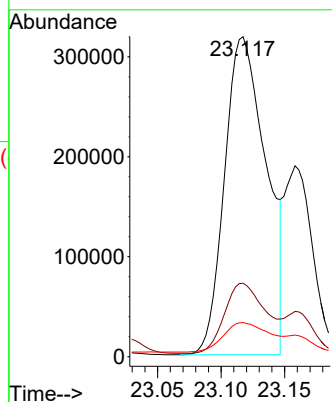
Tgt Ion:252 Resp: 724035

Ion Ratio Lower Upper

252 100

253 23.0 0.0 57.4

125 10.7 0.0 45.2



#26

Benzo(a)pyrene

Concen: 1.898 ng/ul

RT: 23.734 min Scan# 4928

Delta R.T. -0.014 min

Lab File: BM041065.D

Acq: 22 Jul 2023 21:54

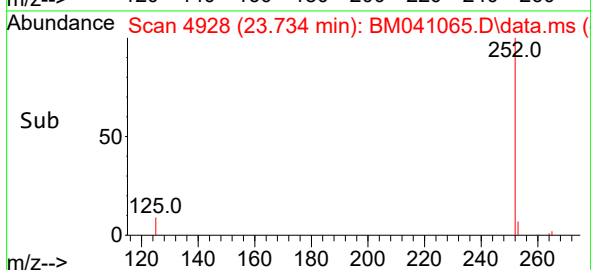
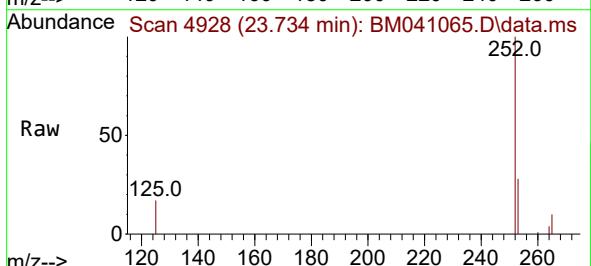
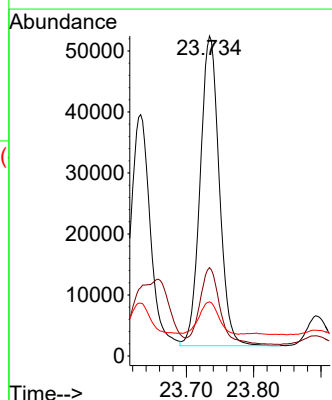
Tgt Ion:252 Resp: 99829

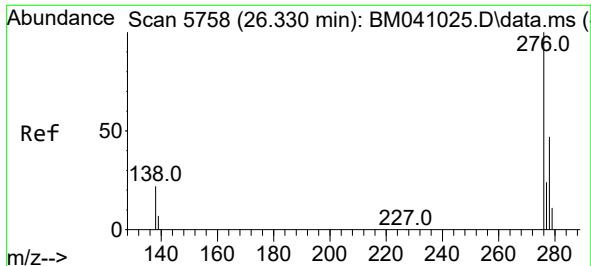
Ion Ratio Lower Upper

252 100

253 27.6 28.2 42.2#

125 16.9 25.2 37.8#

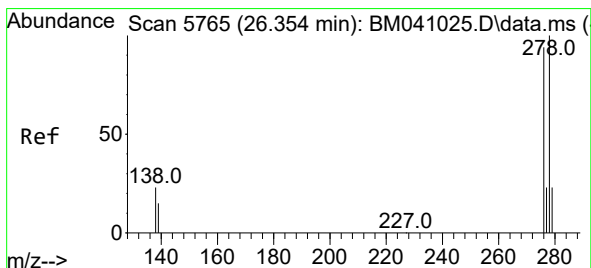
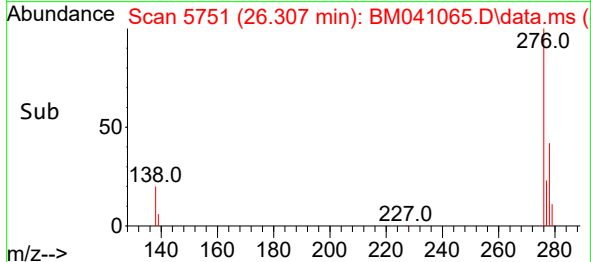
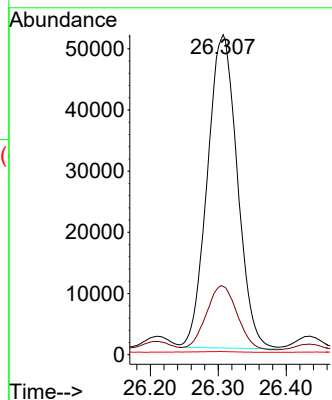
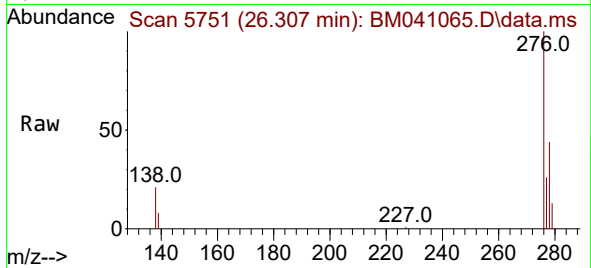




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.246 ng/ul
 RT: 26.307 min Scan# 5751
 Delta R.T. -0.020 min
 Lab File: BM041065.D
 Acq: 22 Jul 2023 21:54

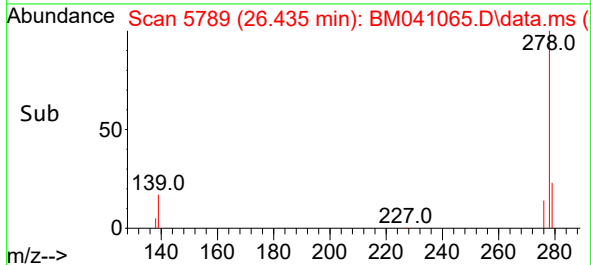
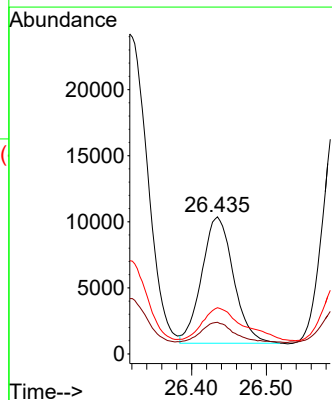
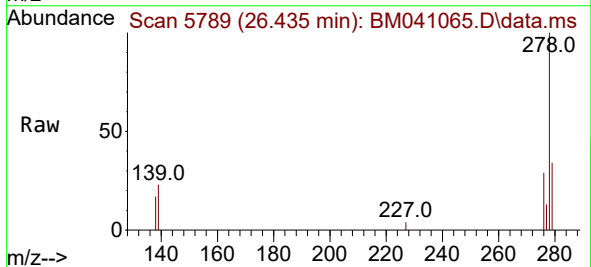
Instrument :
 BNA_M
 ClientSampleId :

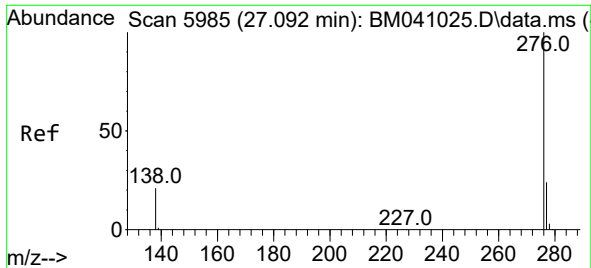
Tgt Ion:276 Resp: 156787
 Ion Ratio Lower Upper
 276 100
 138 21.1 22.3 33.5#
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.534 ng/ul
 RT: 26.435 min Scan# 5789
 Delta R.T. 0.087 min
 Lab File: BM041065.D
 Acq: 22 Jul 2023 21:54

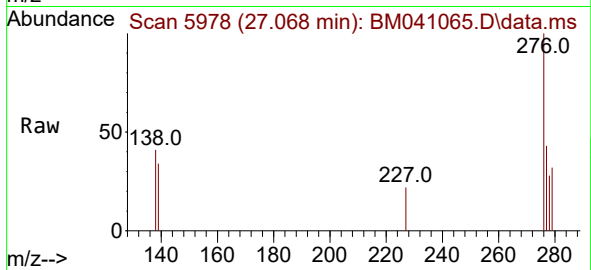
Tgt Ion:278 Resp: 28205
 Ion Ratio Lower Upper
 278 100
 139 23.1 19.2 28.8
 279 33.7 27.0 40.6





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.068 min Scan# 5978
Delta R.T. -0.016 min
Lab File: BM041065.D
Acq: 22 Jul 2023 21:54

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 7287
Ion Ratio Lower Upper
276 100
138 41.1 22.6 34.0#
277 43.1 21.2 31.8#

