

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039729.D
 Acq On : 28 Apr 2023 10:14
 Operator : CG/JU
 Sample : 02418-01DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y7DL

Quant Time: Apr 29 02:03:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

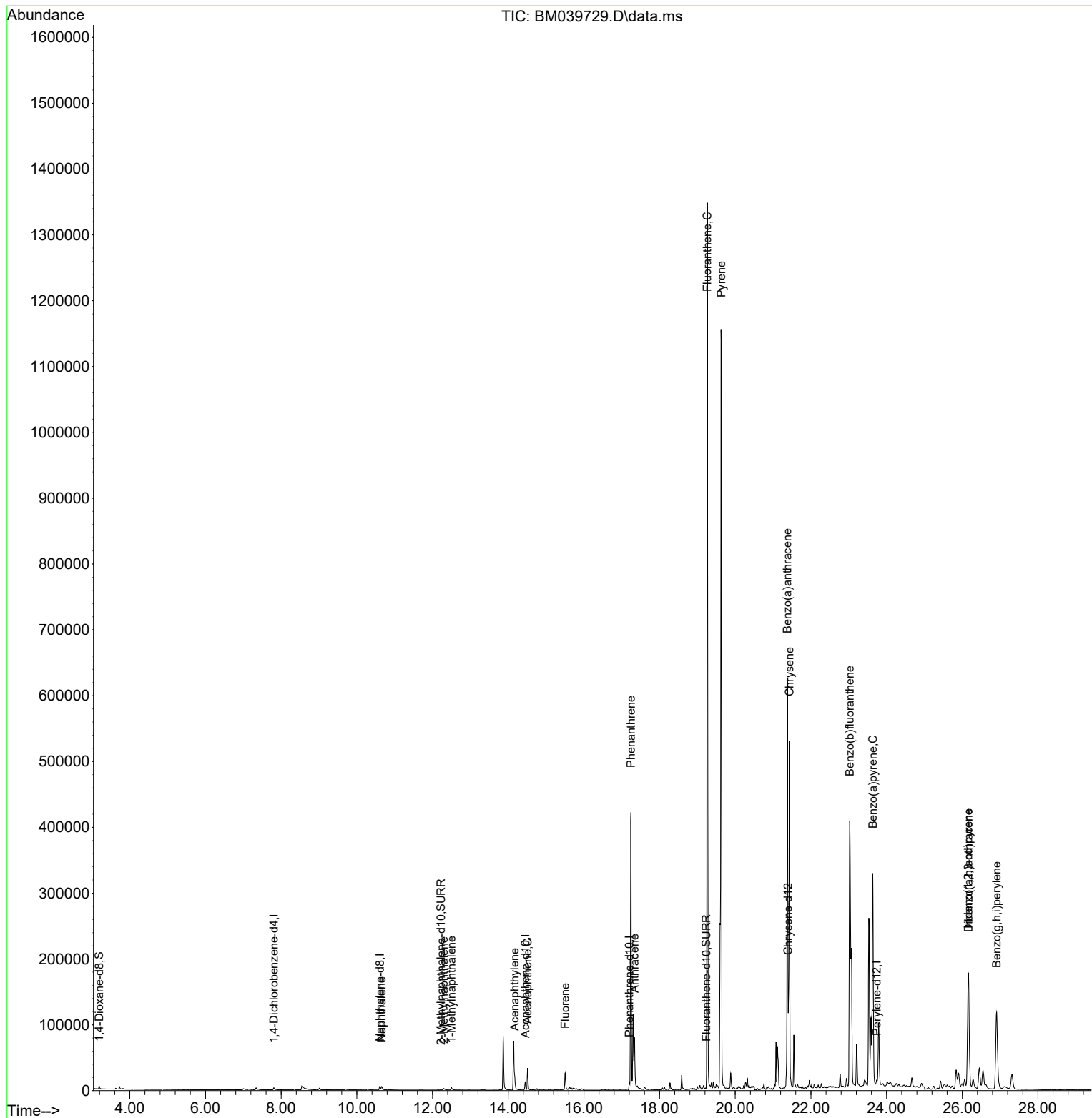
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3005	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	11275	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	15180	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	12275	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	11963	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2922	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	725	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	2012	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	9766	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	3883	0.238	ng/ul	97
8) 1-Methylnaphthalene	12.498	142	3836	0.219	ng/ul	99
10) Acenaphthylene	14.168	152	22972	0.864	ng/ul	100
11) Acenaphthene	14.511	153	20458	0.980	ng/ul	97
12) Fluorene	15.505	166	20088	0.867	ng/ul	100
15) Phenanthrene	17.242	178	460567	11.516	ng/ul	98
16) Anthracene	17.335	178	95293	2.775	ng/ul	99
19) Fluoranthene	19.262	202	1149378	26.246	ng/ul	99
20) Pyrene	19.629	202	981787	20.760	ng/ul	97
21) Benzo(a)anthracene	21.378	228	537591	15.232	ng/ul	99
22) Chrysene	21.430	228	510680	12.786	ng/ul	99
24) Benzo(b)fluoranthene	23.026	252	700335	16.669	ng/ul	91
26) Benzo(a)pyrene	23.634	252	472180	12.518	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.159	276	303369	6.360	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.166	278	70139	1.895	ng/ul	95
29) Benzo(g,h,i)perylene	26.907	276	261426	6.290	ng/ul	97

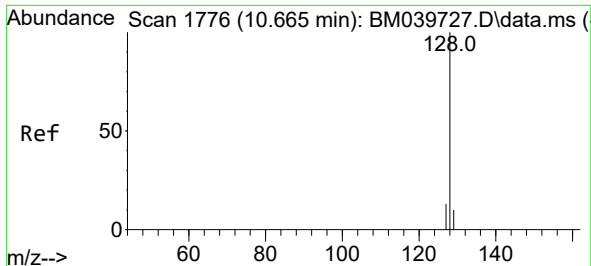
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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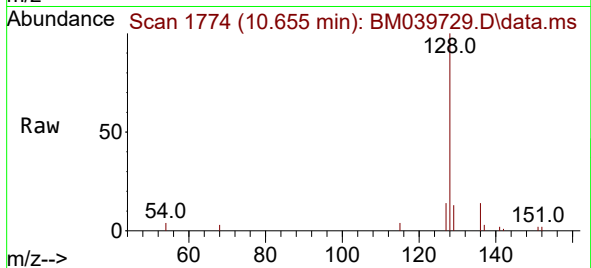
Quant Time: Apr 29 02:03:13 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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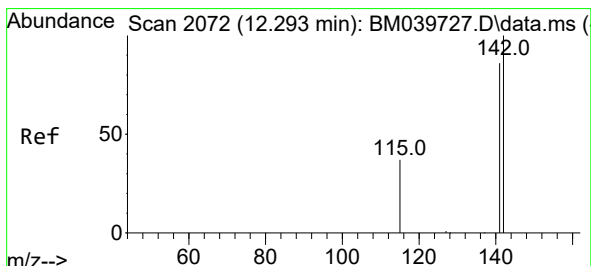
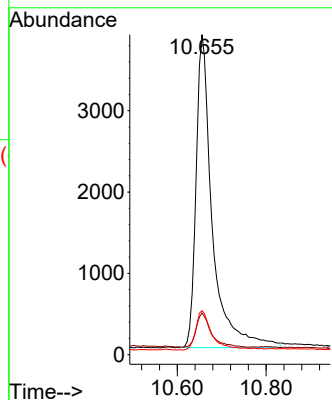
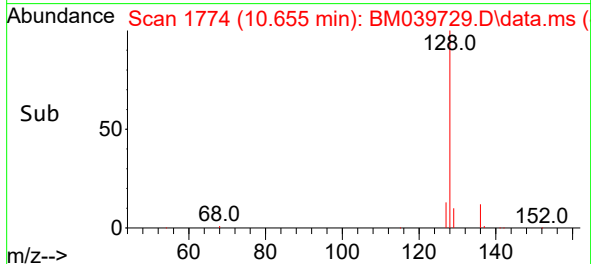


#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.655 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Instrument :
BNA_M
ClientSampleId :
EW8Y7DL

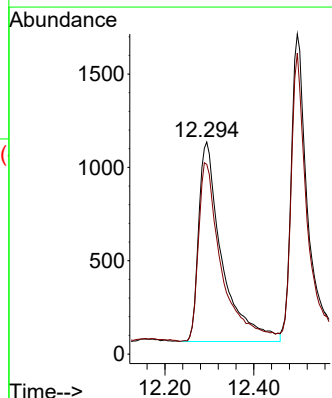
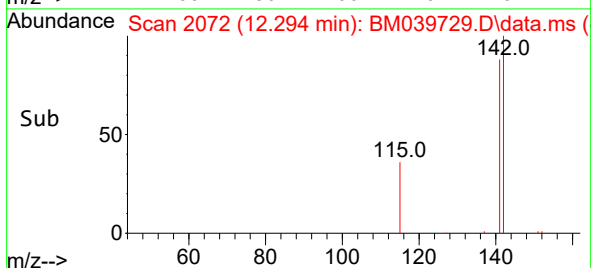
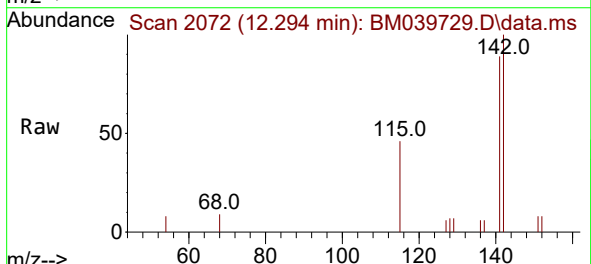


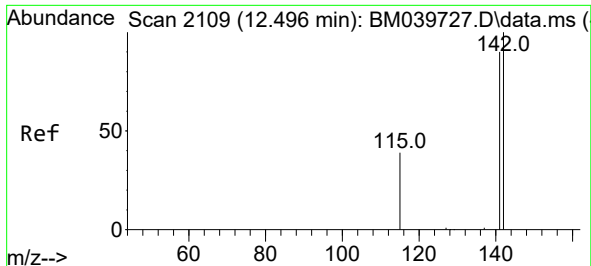
Tgt Ion:128 Resp: 9766
Ion Ratio Lower Upper
128 100
129 13.0 9.8 14.6
127 13.7 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.294 min Scan# 2072
Delta R.T. 0.005 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:142 Resp: 3883
Ion Ratio Lower Upper
142 100
141 88.8 73.2 109.8

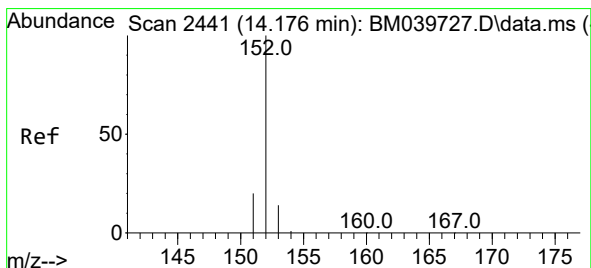
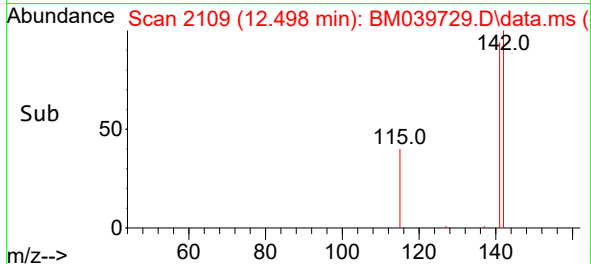
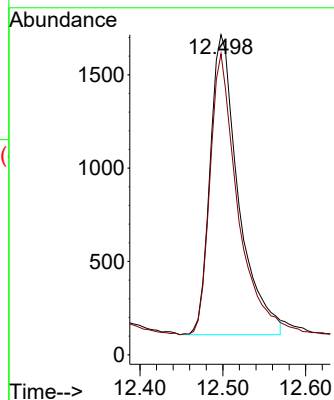
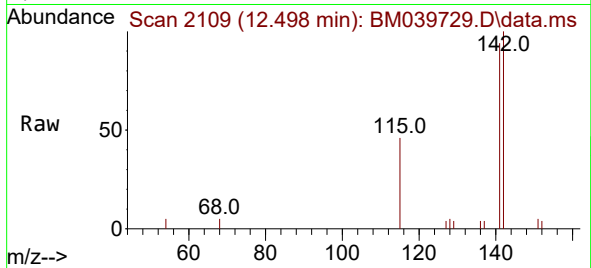




#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

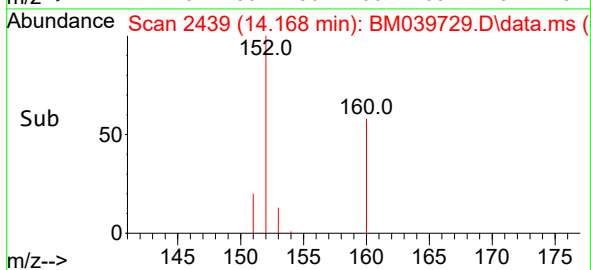
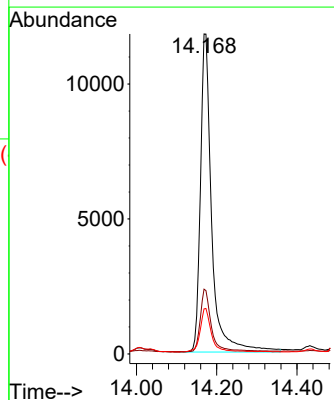
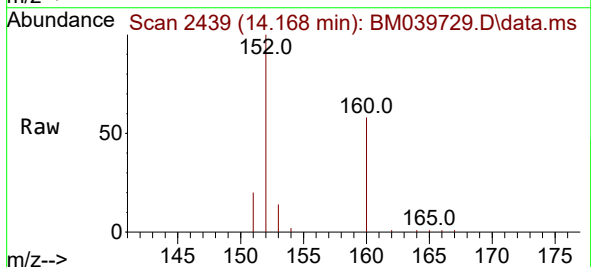
Instrument :
BNA_M
ClientSampleId :
EW8Y7DL

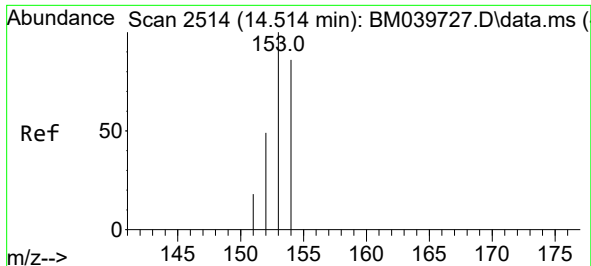
Tgt Ion:142 Resp: 3836
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2



#10
Acenaphthylene
Concen: 0.864 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:152 Resp: 22972
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.1 11.2 16.8

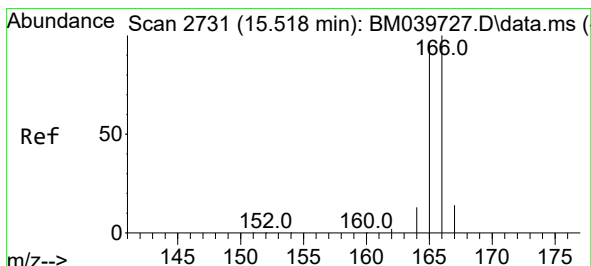
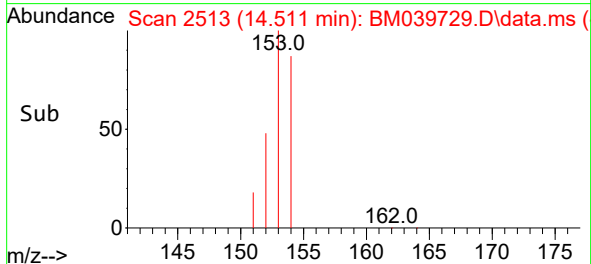
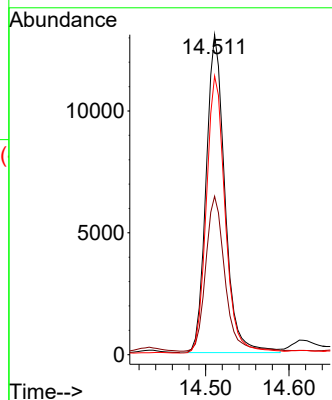
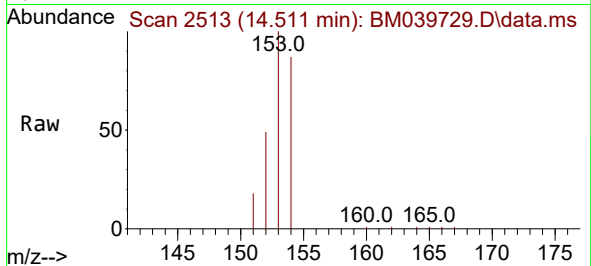




#11
Acenaphthene
Concen: 0.980 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

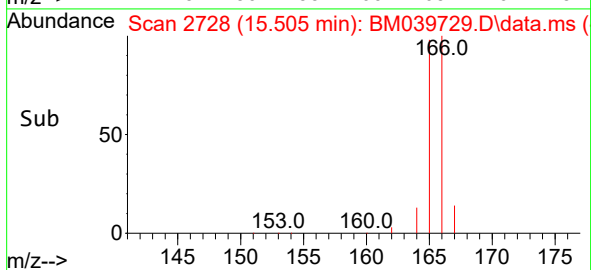
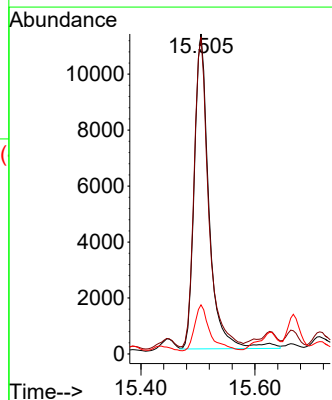
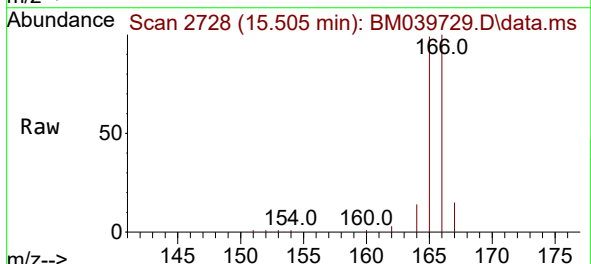
Instrument :
BNA_M
ClientSampleId :
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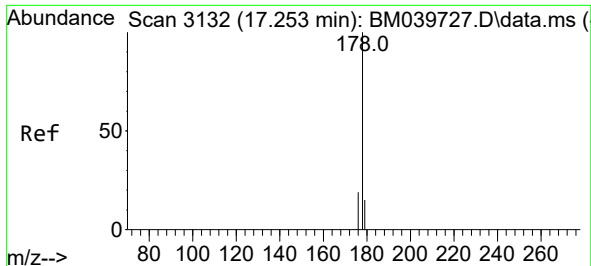
Tgt Ion:153 Resp: 20458
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 87.1 71.9 107.9



#12
Fluorene
Concen: 0.867 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:166 Resp: 20088
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 15.4 11.8 17.6

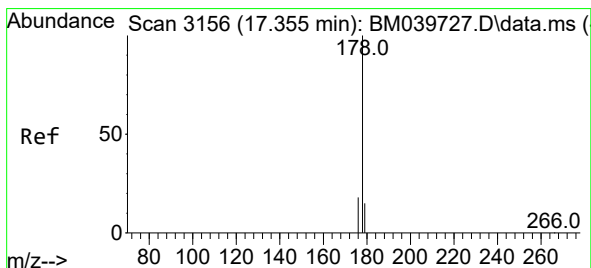
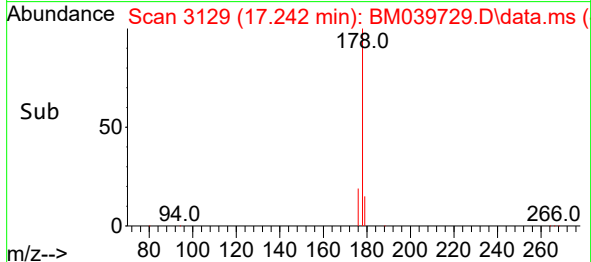
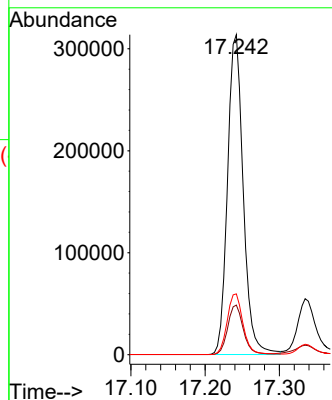
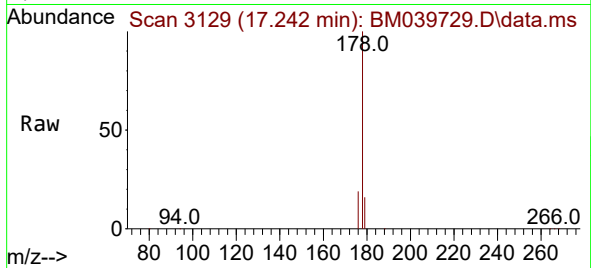




#15
Phenanthrene
Concen: 11.516 ng/ul
RT: 17.242 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

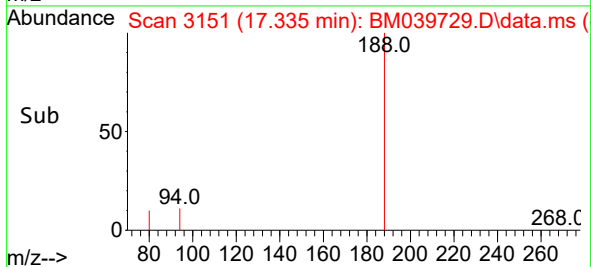
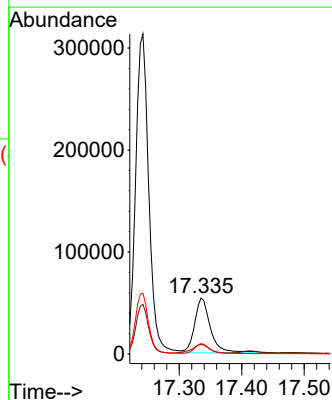
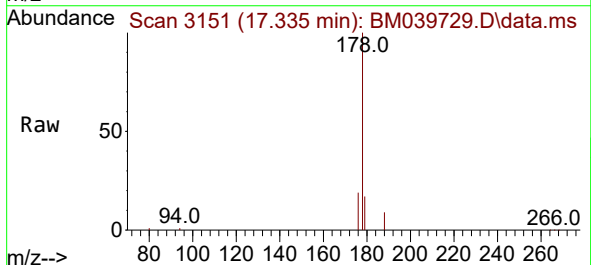
Instrument :
BNA_M
ClientSampleId :
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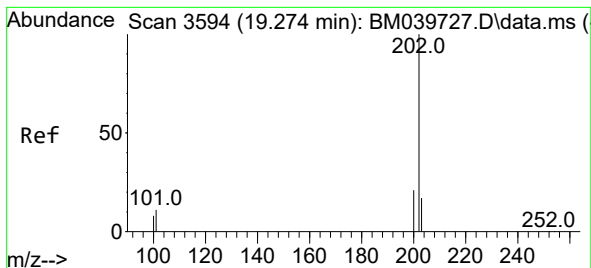
Tgt Ion:178 Resp: 460567
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.8 23.8



#16
Anthracene
Concen: 2.775 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:178 Resp: 95293
Ion Ratio Lower Upper
178 100
179 17.0 13.8 20.6
176 18.7 15.8 23.8





#19

Fluoranthene

Concen: 26.246 ng/ul

RT: 19.262 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM039729.D

Acq: 28 Apr 2023 10:14

Instrument :

BNA_M

ClientSampleId :

EW8Y7DL

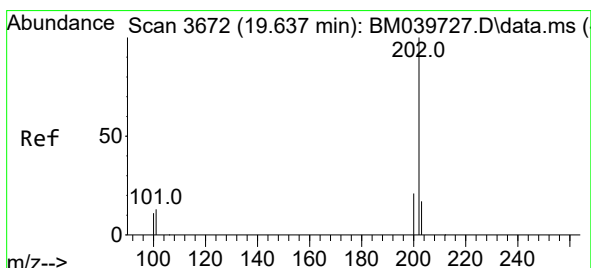
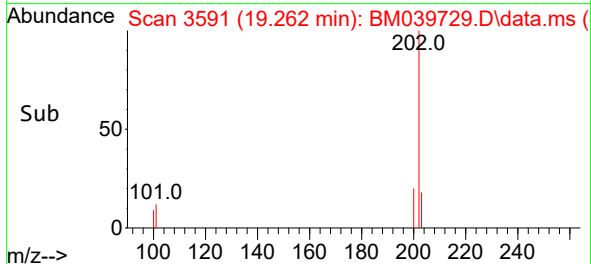
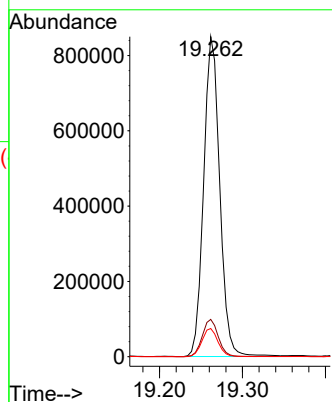
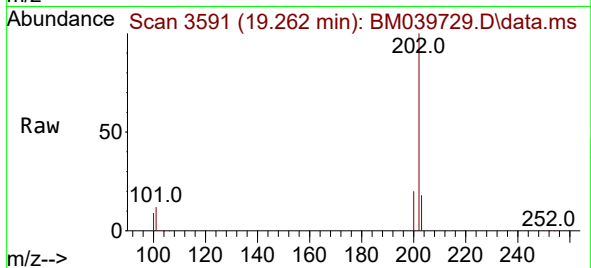
Tgt Ion:202 Resp: 1149378

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

100 8.8 7.3 10.9



#20

Pyrene

Concen: 20.760 ng/ul

RT: 19.629 min Scan# 3670

Delta R.T. -0.014 min

Lab File: BM039729.D

Acq: 28 Apr 2023 10:14

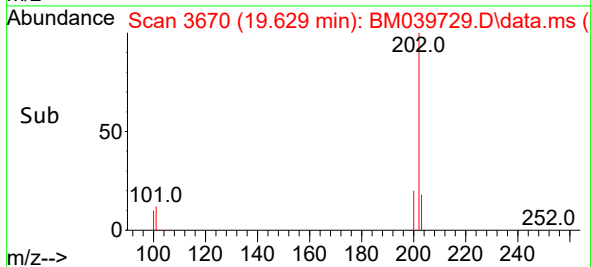
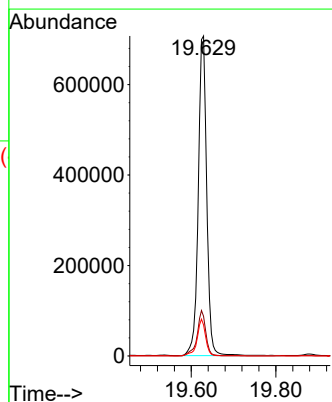
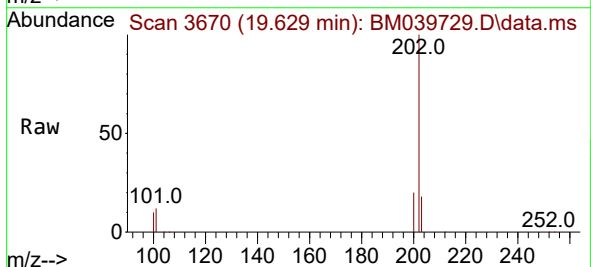
Tgt Ion:202 Resp: 981787

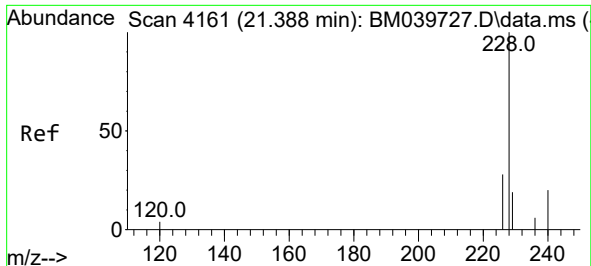
Ion Ratio Lower Upper

202 100

101 12.4 10.9 16.3

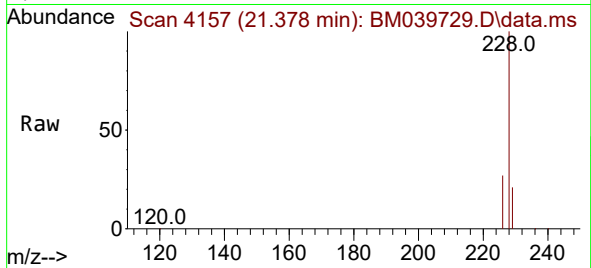
100 9.7 8.9 13.3



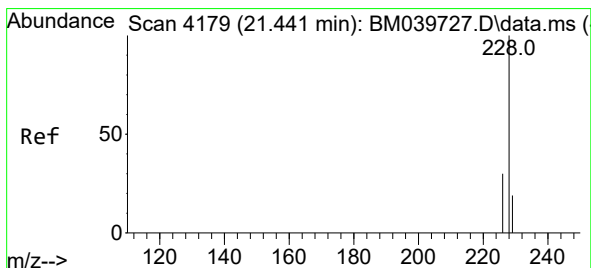
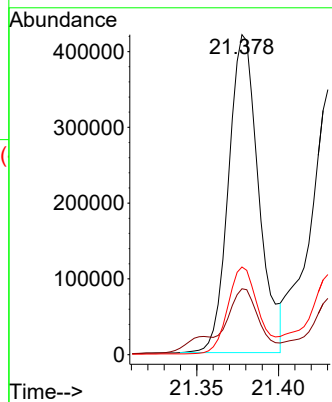
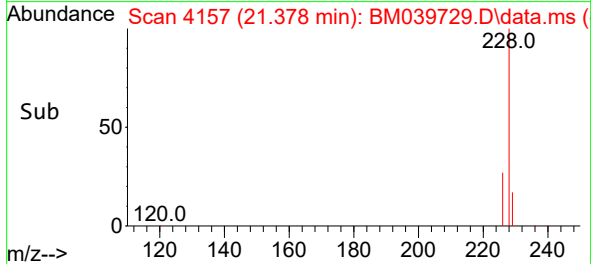


#21
Benzo(a)anthracene
Concen: 15.232 ng/ul
RT: 21.378 min Scan# 41157
Delta R.T. -0.019 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Instrument :
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ClientSampleId :
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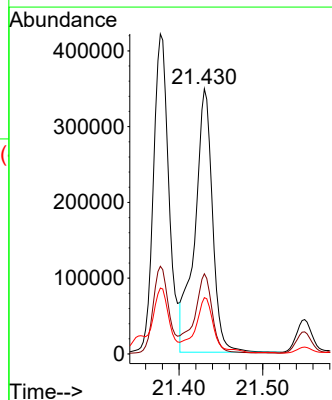
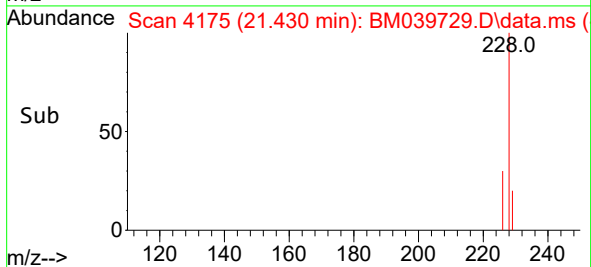
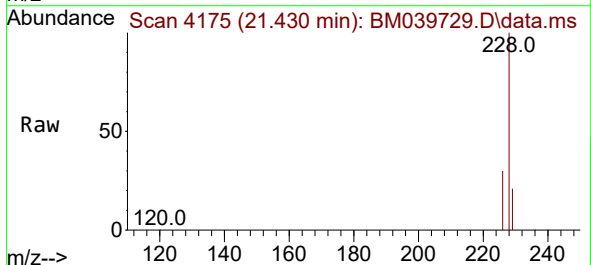


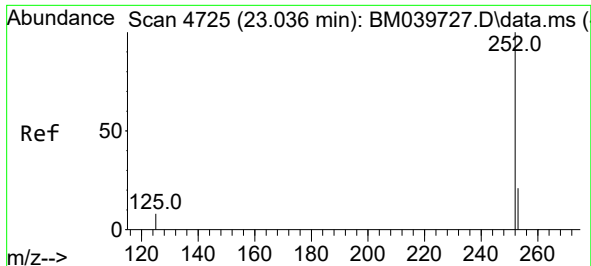
Tgt Ion:228 Resp: 537591
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.4 21.6 32.4



#22
Chrysene
Concen: 12.786 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:228 Resp: 510680
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.3 15.9 23.9

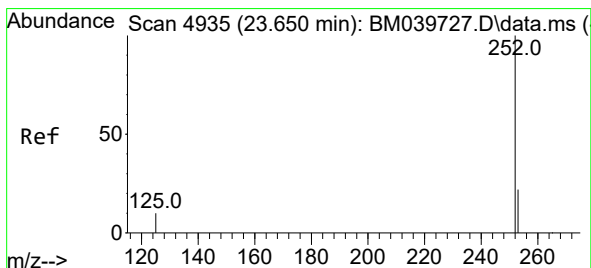
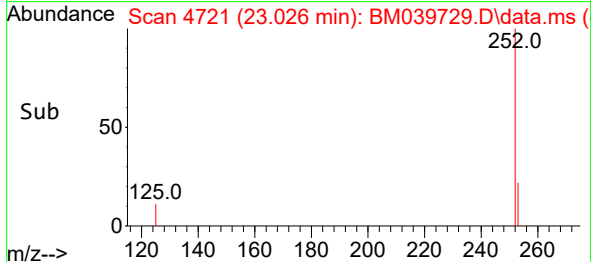
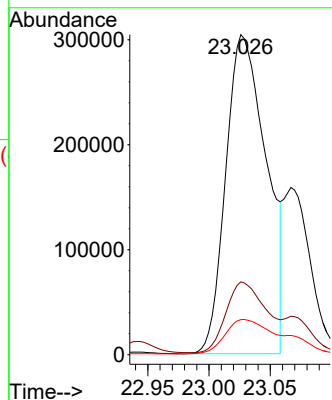
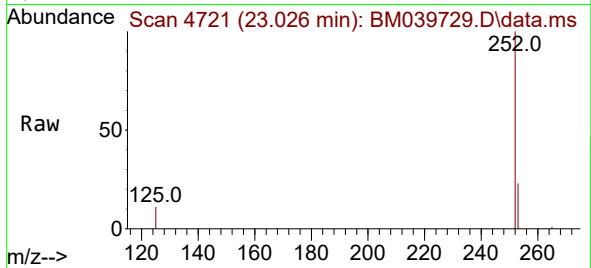




#24
Benzo(b)fluoranthene
Concen: 16.669 ng/ul
RT: 23.026 min Scan# 41
Delta R.T. -0.019 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

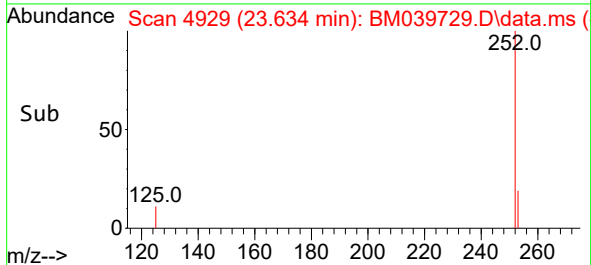
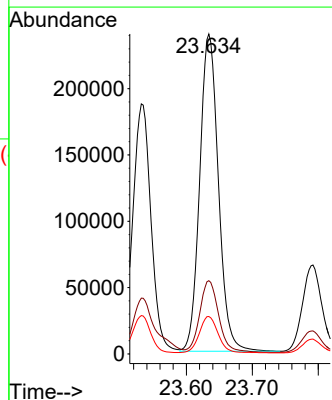
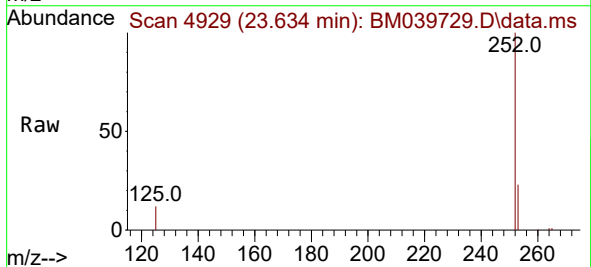
Instrument :
BNA_M
ClientSampleId :
EW8Y7DL

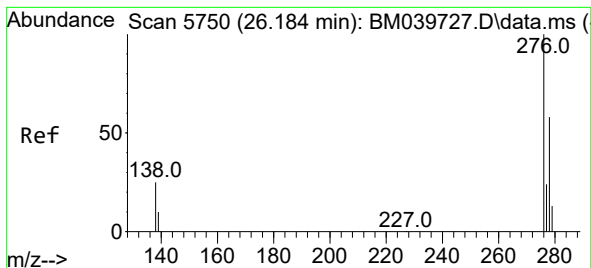
Tgt Ion:252 Resp: 700335
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.8
125 10.9 0.0 31.6



#26
Benzo(a)pyrene
Concen: 12.518 ng/ul
RT: 23.634 min Scan# 4929
Delta R.T. -0.031 min
Lab File: BM039729.D
Acq: 28 Apr 2023 10:14

Tgt Ion:252 Resp: 472180
Ion Ratio Lower Upper
252 100
253 22.9 24.7 37.1#
125 11.7 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.360 ng/ul

RT: 26.159 min Scan# 5

Delta R.T. -0.042 min

Lab File: BM039729.D

Acq: 28 Apr 2023 10:14

Instrument :

BNA_M

ClientSampleId :

EW8Y7DL

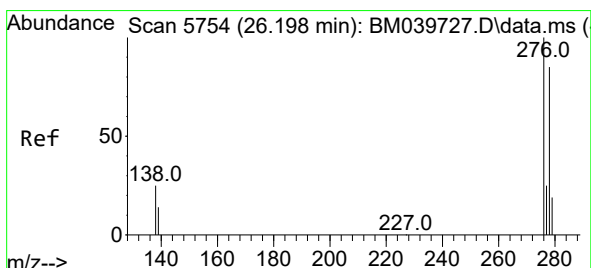
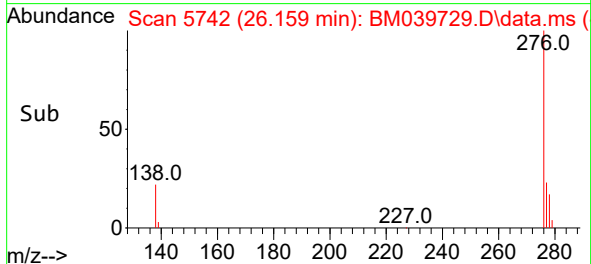
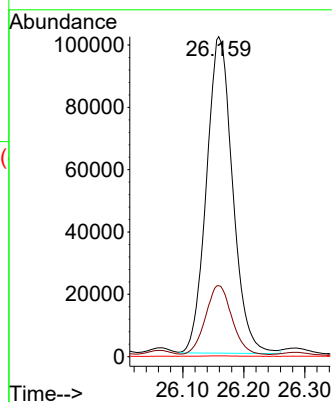
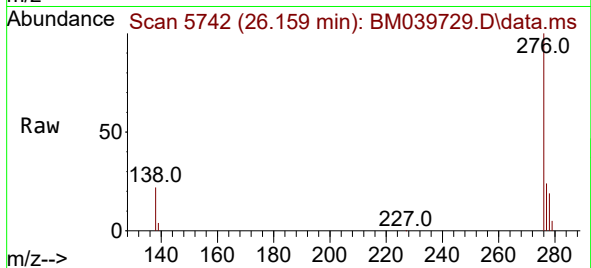
Tgt Ion:276 Resp: 303369

Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.895 ng/ul

RT: 26.166 min Scan# 5744

Delta R.T. -0.052 min

Lab File: BM039729.D

Acq: 28 Apr 2023 10:14

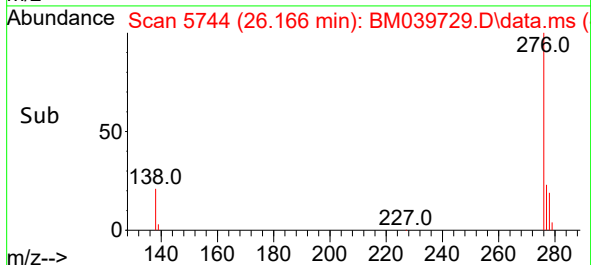
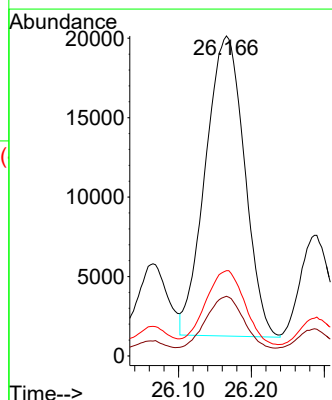
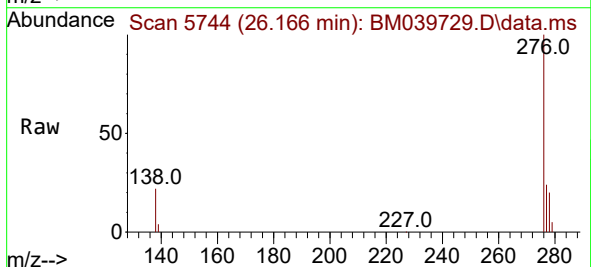
Tgt Ion:278 Resp: 70139

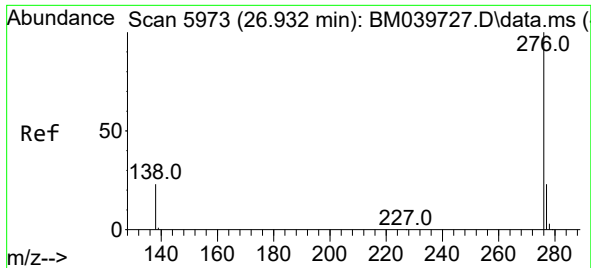
Ion Ratio Lower Upper

278 100

139 18.7 17.0 25.6

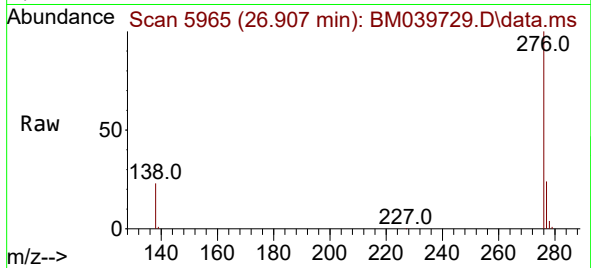
279 26.6 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 6.290 ng/ul
 RT: 26.907 min Scan# 5965
 Delta R.T. -0.042 min
 Lab File: BM039729.D
 Acq: 28 Apr 2023 10:14

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y7DL



Tgt Ion:276 Resp: 261426
 Ion Ratio Lower Upper
 276 100
 138 23.2 20.1 30.1
 277 24.0 20.1 30.1

