

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039749.D
 Acq On : 28 Apr 2023 22:54
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2

Quant Time: Apr 29 02:26:30 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)

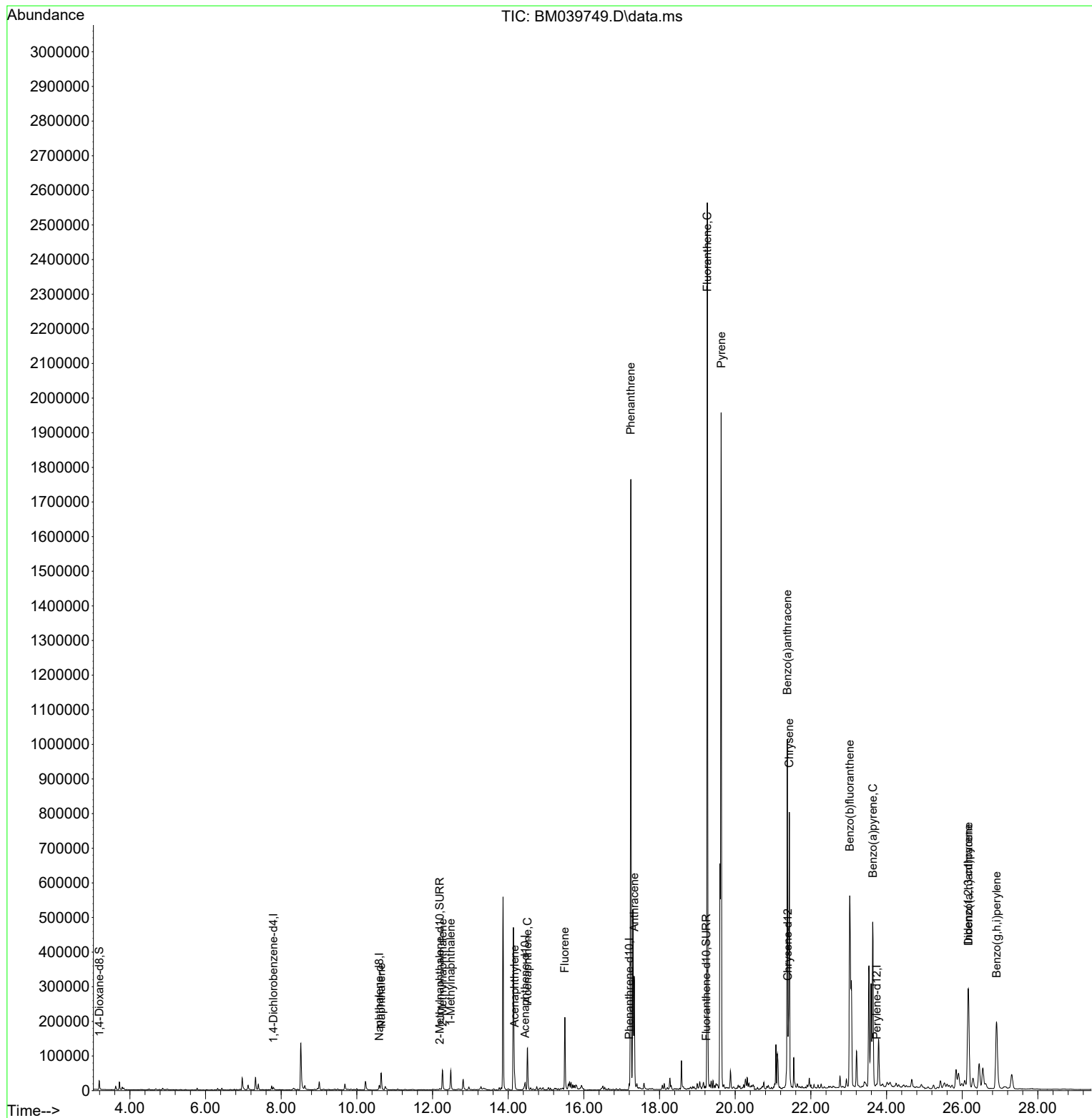
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4958	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	19164	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	11133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	20652	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.395	240	8758	0.400	ng/ul	#-0.01
23) Perylene-d12	23.739	264	10790	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	15717	2.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	5074	0.206	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	8163	0.346	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	71604	1.488	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	44887	1.616	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	39144	1.314	ng/ul	100
10) Acenaphthylene	14.168	152	51818	1.203	ng/ul	98
11) Acenaphthene	14.510	153	71992	2.127	ng/ul	98
12) Fluorene	15.496	166	134057	3.570	ng/ul	99
15) Phenanthrene	17.242	178	1810367	33.273	ng/ul	99
16) Anthracene	17.330	178	328613	7.034	ng/ul	97
19) Fluoranthene	19.261	202	2140345	68.502	ng/ul	99
20) Pyrene	19.629	202	1638337	48.556	ng/ul	100
21) Benzo(a)anthracene	21.377	228	850337	33.770	ng/ul	99
22) Chrysene	21.430	228	756380	26.543	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	956344	25.238	ng/ul	92
26) Benzo(a)pyrene	23.637	252	672358	19.762	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	481333	11.189	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.165	278	131903	3.950	ng/ul	96
29) Benzo(g,h,i)perylene	26.909	276	438573	11.700	ng/ul	97

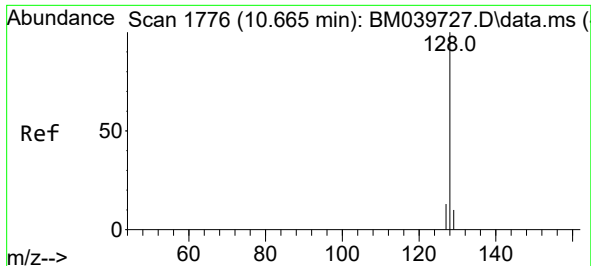
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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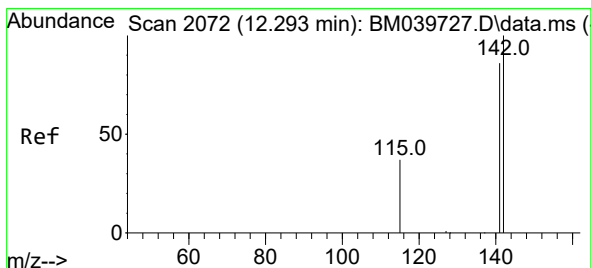
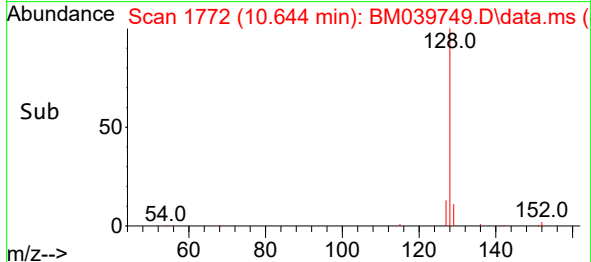
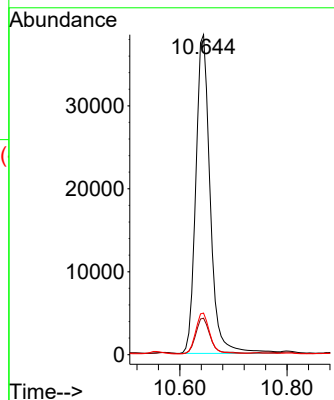
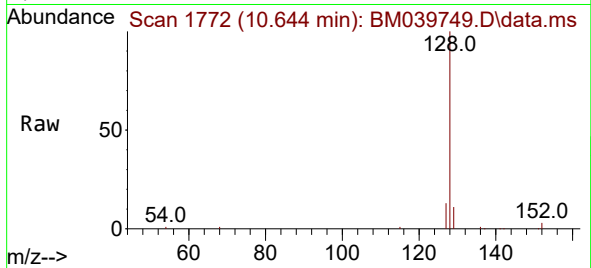




#5
Naphthalene
Concen: 1.488 ng/ul
RT: 10.644 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

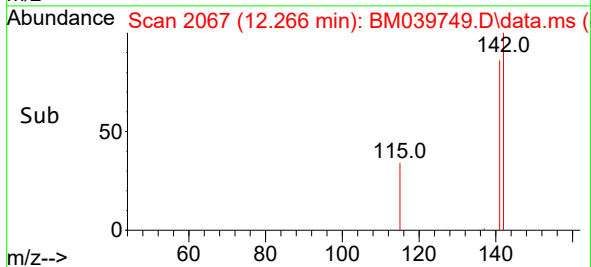
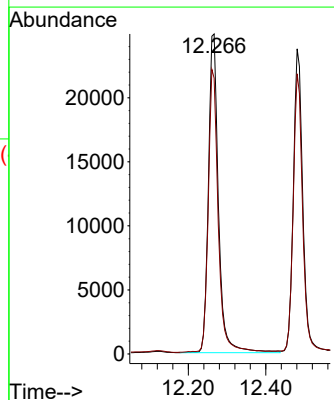
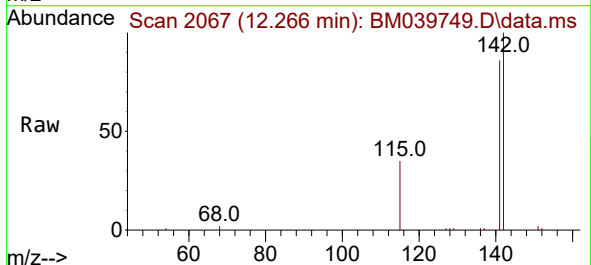
Instrument :
BNA_M
ClientSampleId :
EW8Y2

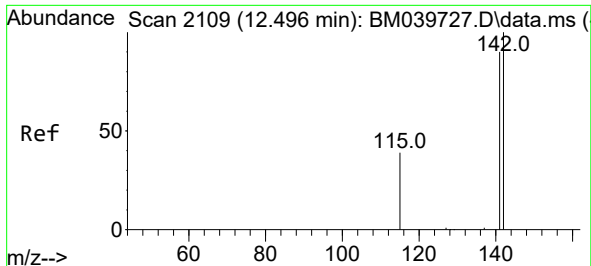
Tgt Ion:128 Resp: 71604
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 13.0 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.616 ng/ul
RT: 12.266 min Scan# 2067
Delta R.T. -0.022 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

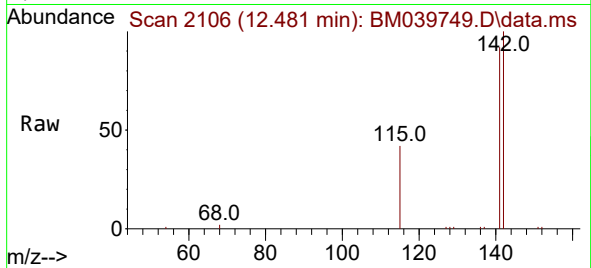
Tgt Ion:142 Resp: 44887
Ion Ratio Lower Upper
142 100
141 87.7 73.2 109.8



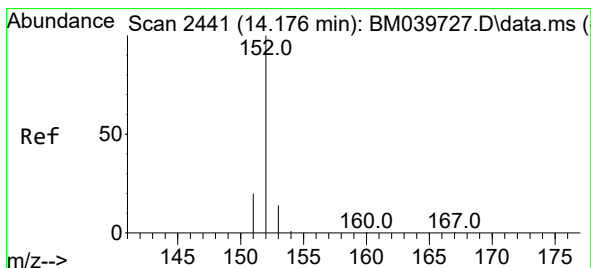
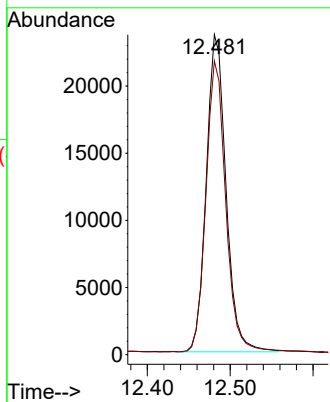
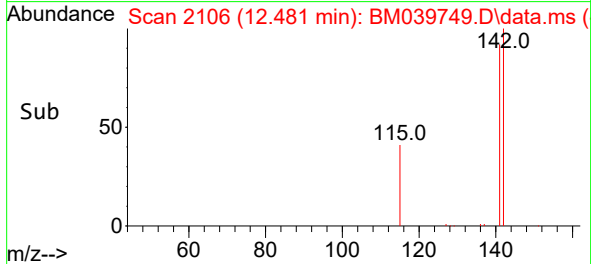


#8
1-Methylnaphthalene
Concen: 1.314 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.017 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Instrument :
BNA_M
ClientSampleId :
EW8Y2

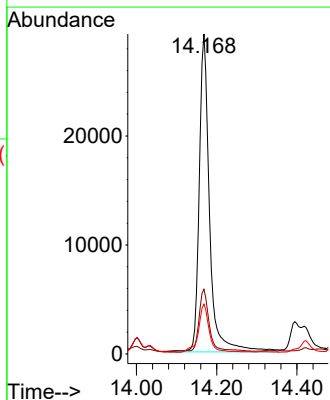
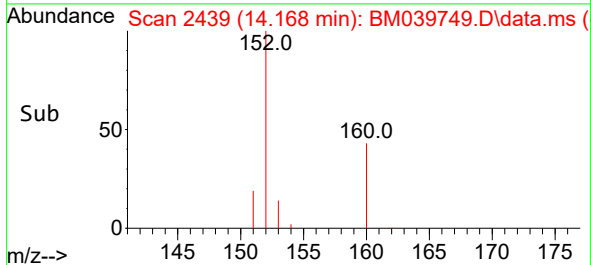
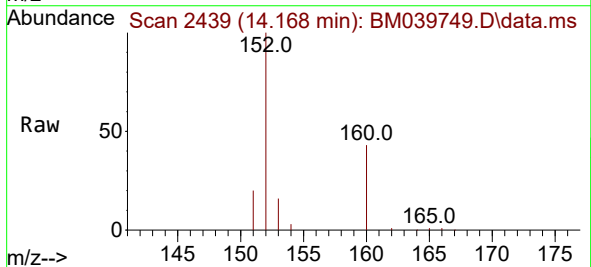


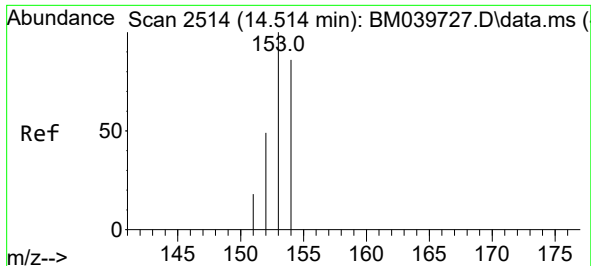
Tgt Ion:142 Resp: 39144
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2



#10
Acenaphthylene
Concen: 1.203 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Tgt Ion:152 Resp: 51818
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 15.6 11.2 16.8

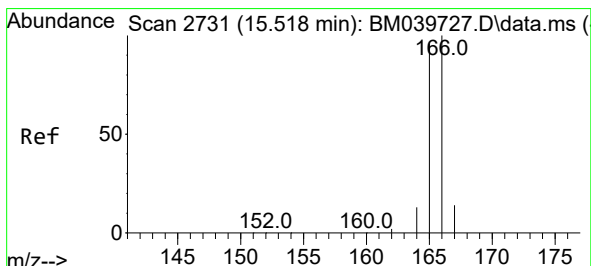
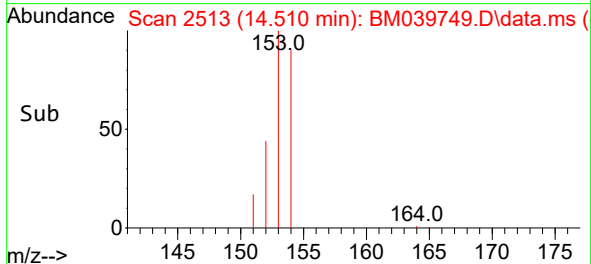
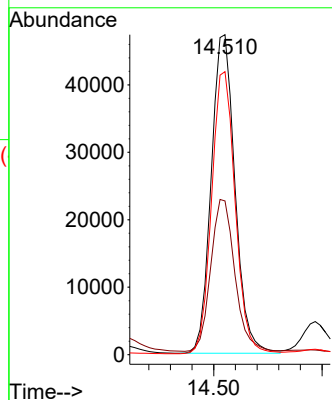
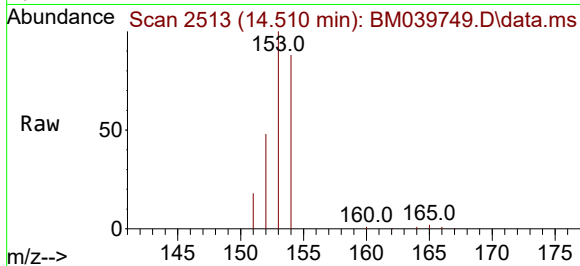




#11
Acenaphthene
Concen: 2.127 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

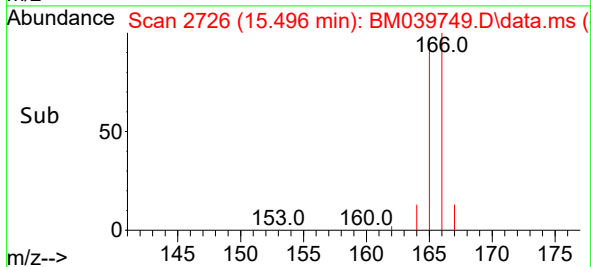
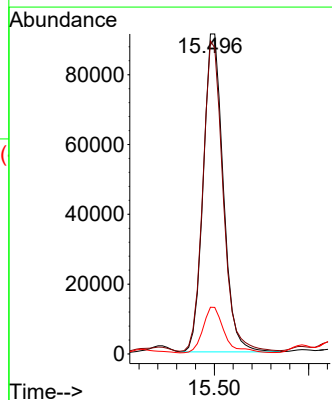
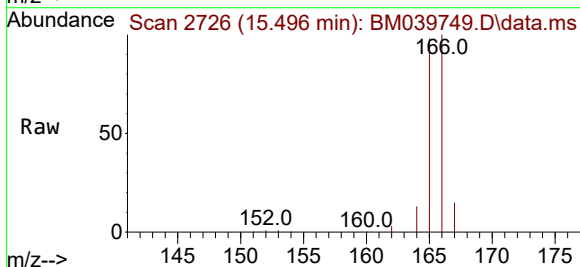
Instrument :
BNA_M
ClientSampleId :
EW8Y2

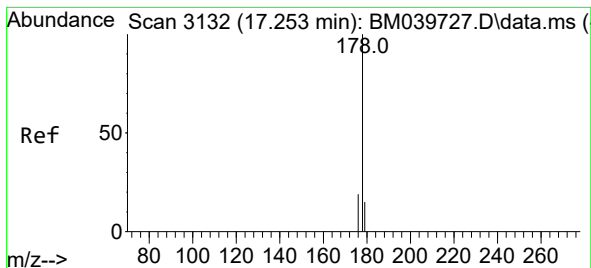
Tgt Ion:153 Resp: 71992
Ion Ratio Lower Upper
153 100
152 48.0 40.6 61.0
154 88.5 71.9 107.9



#12
Fluorene
Concen: 3.570 ng/ul
RT: 15.496 min Scan# 2726
Delta R.T. -0.024 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Tgt Ion:166 Resp: 134057
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 14.6 11.8 17.6





#15

Phenanthrene

Concen: 33.273 ng/ul

RT: 17.242 min Scan# 3129

Delta R.T. -0.013 min

Lab File: BM039749.D

Acq: 28 Apr 2023 22:54

Instrument :

BNA_M

ClientSampleId :

EW8Y2

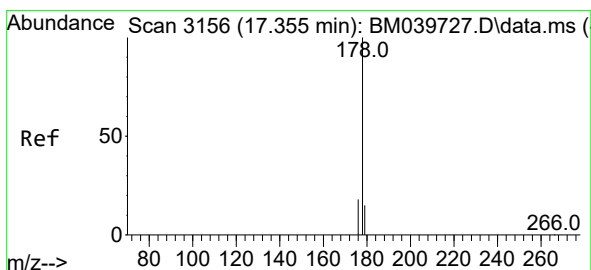
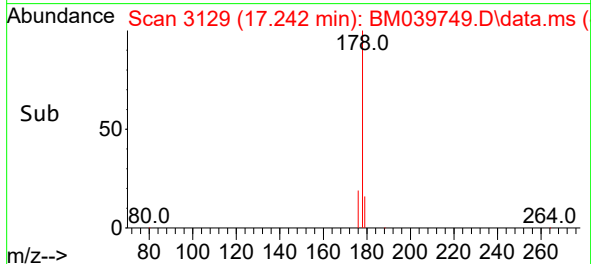
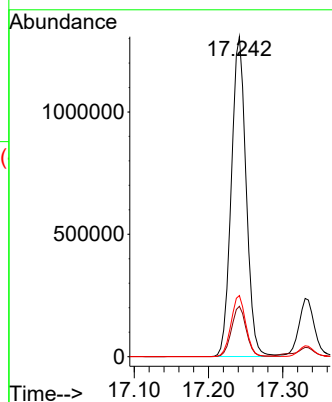
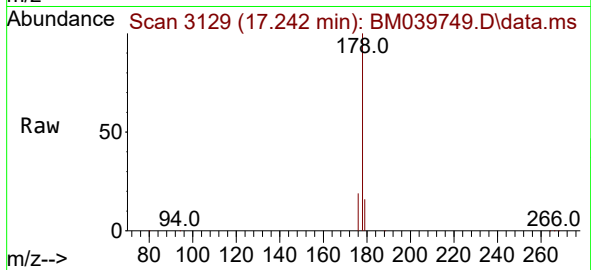
Tgt Ion:178 Resp: 1810367

Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.6

176 19.1 15.8 23.8



#16

Anthracene

Concen: 7.034 ng/ul

RT: 17.330 min Scan# 3150

Delta R.T. -0.026 min

Lab File: BM039749.D

Acq: 28 Apr 2023 22:54

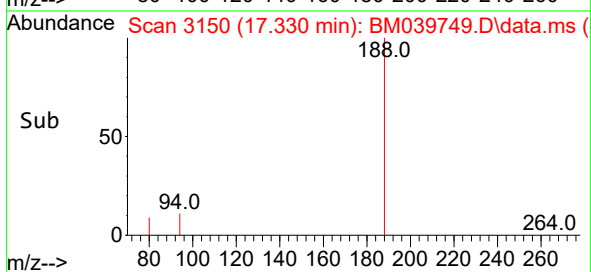
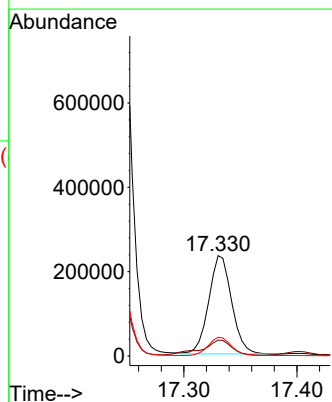
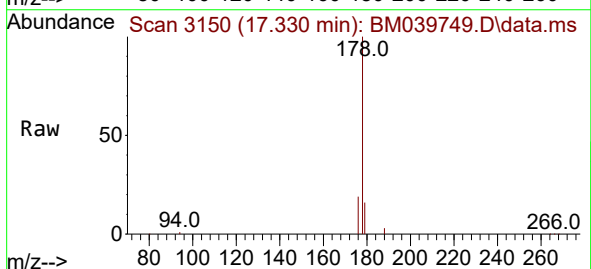
Tgt Ion:178 Resp: 328613

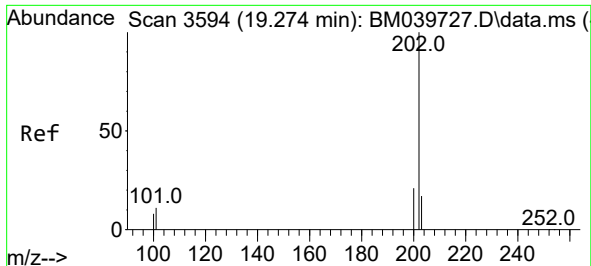
Ion Ratio Lower Upper

178 100

179 15.9 13.8 20.6

176 18.7 15.8 23.8

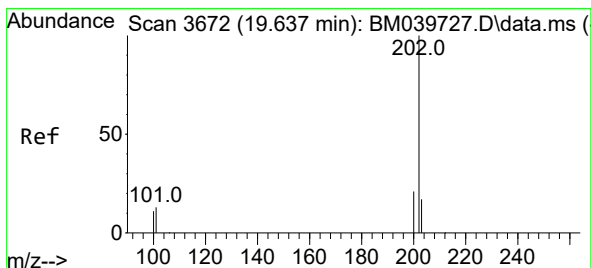
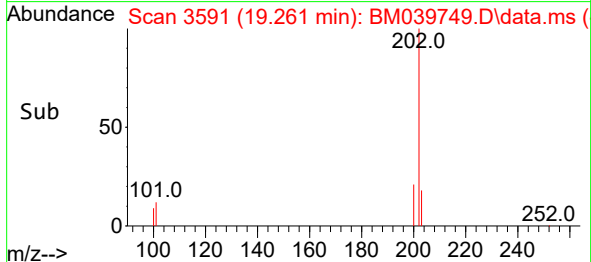
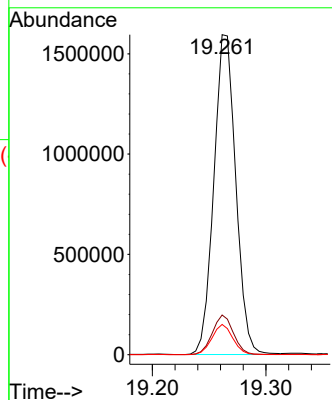
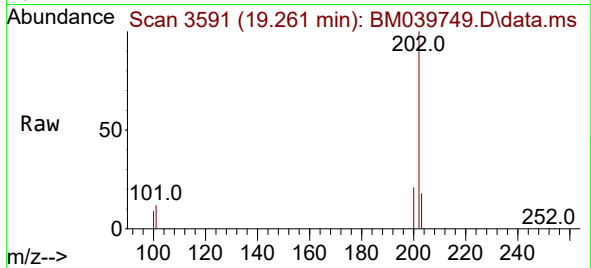




#19
Fluoranthene
Concen: 68.502 ng/u1
RT: 19.261 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

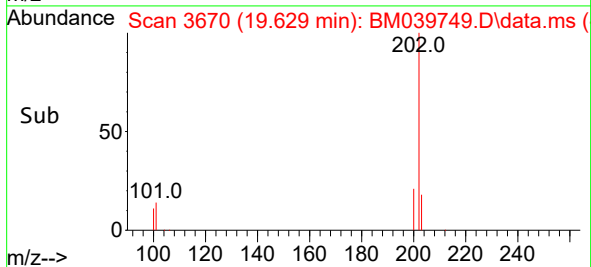
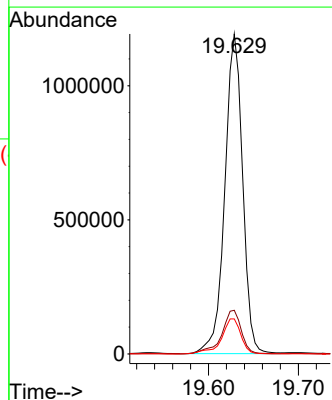
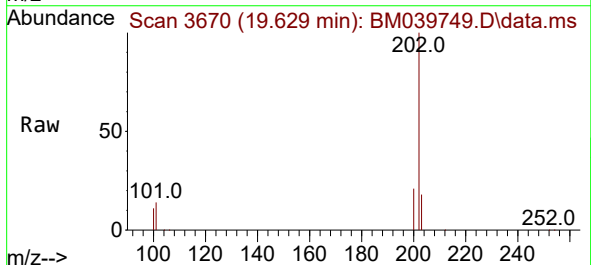
Instrument :
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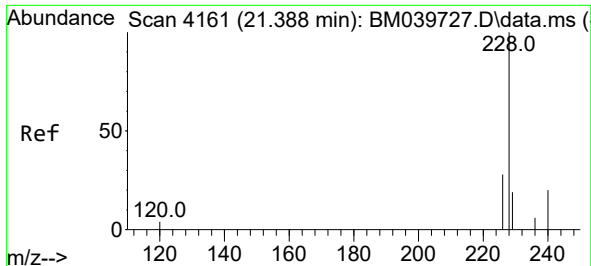
Tgt Ion:202 Resp: 2140345
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.5 7.3 10.9



#20
Pyrene
Concen: 48.556 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Tgt Ion:202 Resp: 1638337
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 10.9 8.9 13.3

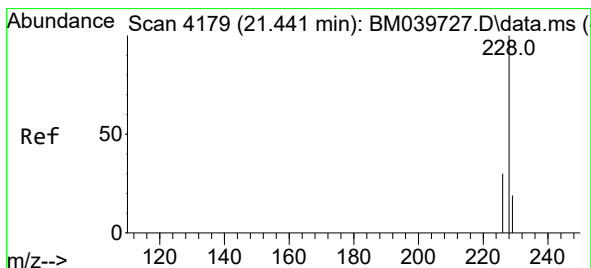
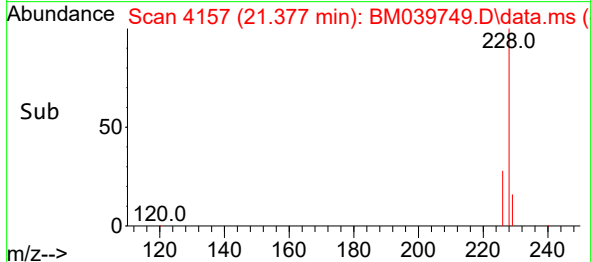
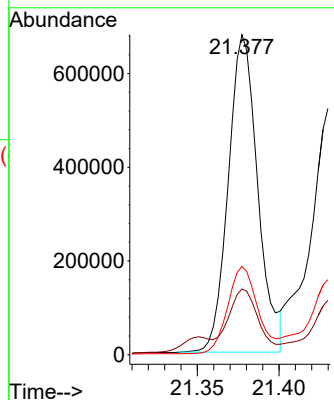
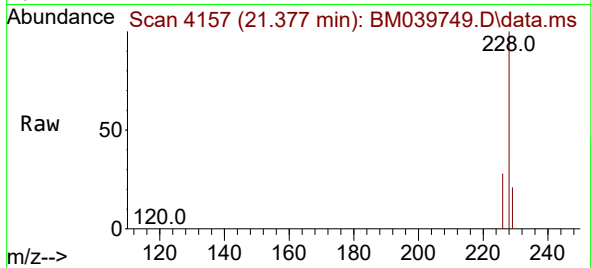




#21
Benzo(a)anthracene
Concen: 33.770 ng/ul
RT: 21.377 min Scan# 411
Delta R.T. -0.019 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

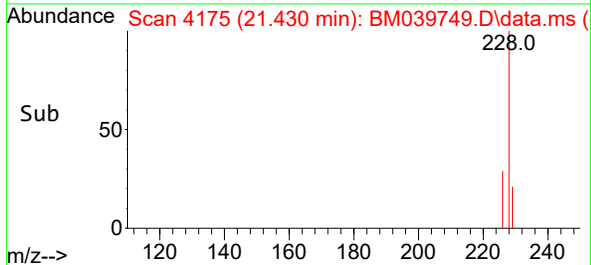
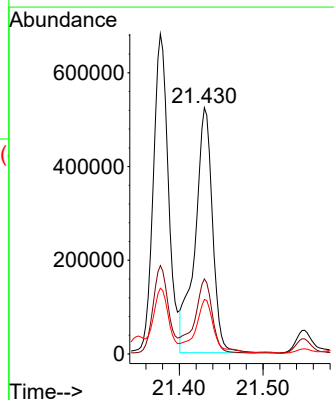
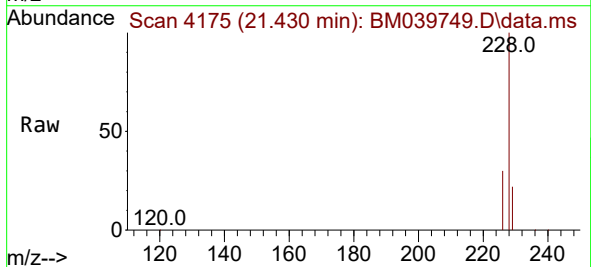
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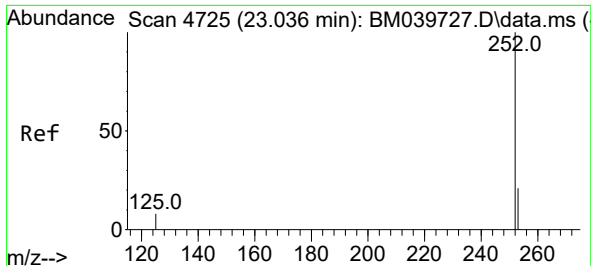
Tgt Ion:228 Resp: 850337
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 27.6 21.6 32.4



#22
Chrysene
Concen: 26.543 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

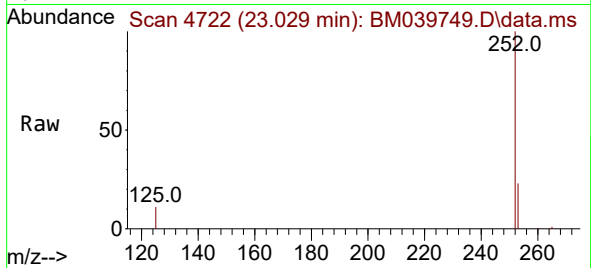
Tgt Ion:228 Resp: 756380
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.1 15.9 23.9



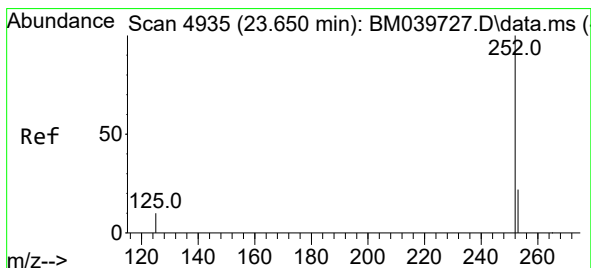
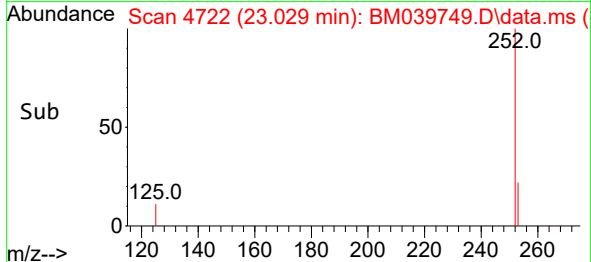
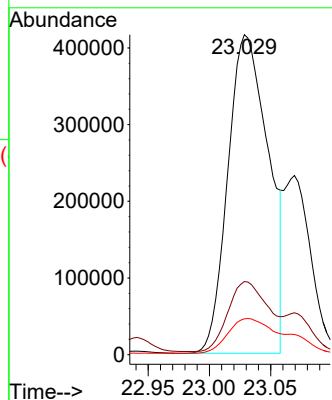


#24
Benzo(b)fluoranthene
Concen: 25.238 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.016 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Instrument :
BNA_M
ClientSampleId :
EW8Y2

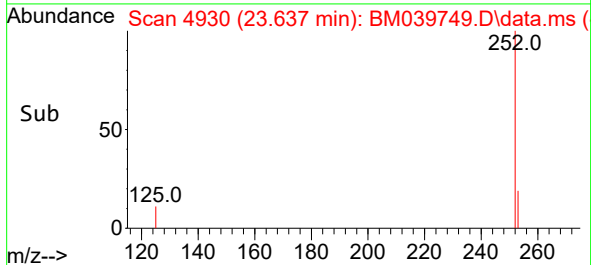
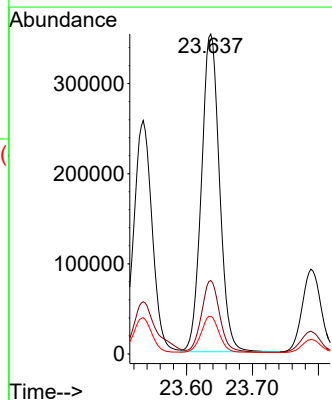
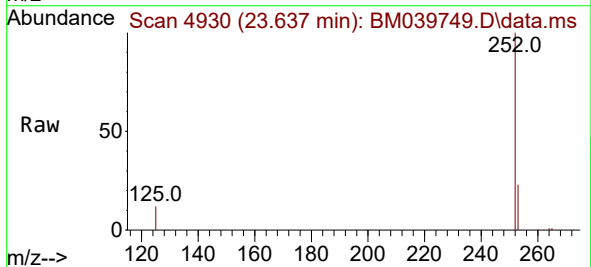


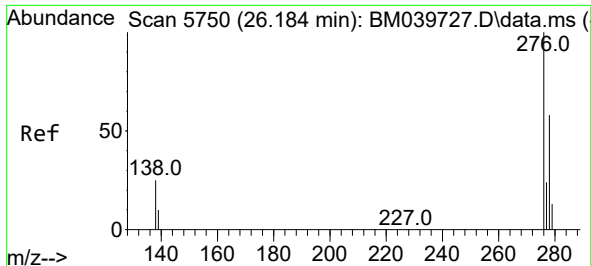
Tgt Ion:252 Resp: 956344
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.2 0.0 31.6



#26
Benzo(a)pyrene
Concen: 19.762 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039749.D
Acq: 28 Apr 2023 22:54

Tgt Ion:252 Resp: 672358
Ion Ratio Lower Upper
252 100
253 23.0 24.7 37.1#
125 11.8 16.5 24.7#

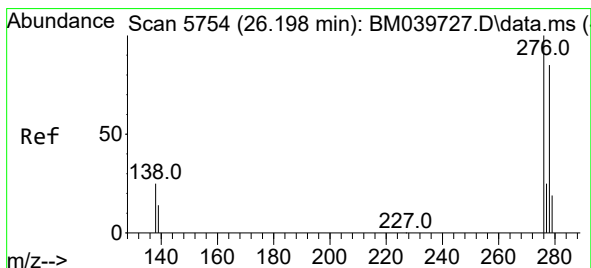
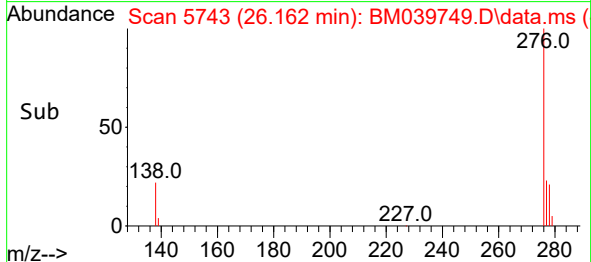
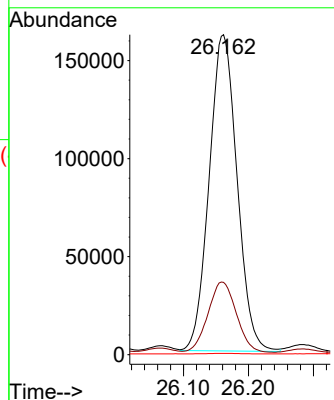
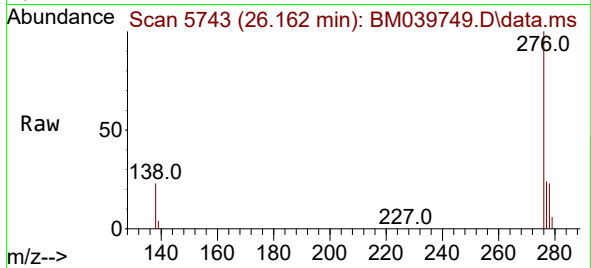




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.189 ng/ul
 RT: 26.162 min Scan# 5743
 Delta R.T. -0.039 min
 Lab File: BM039749.D
 Acq: 28 Apr 2023 22:54

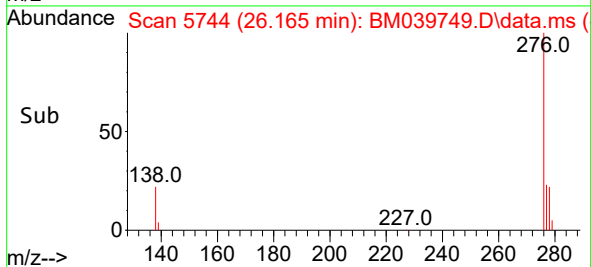
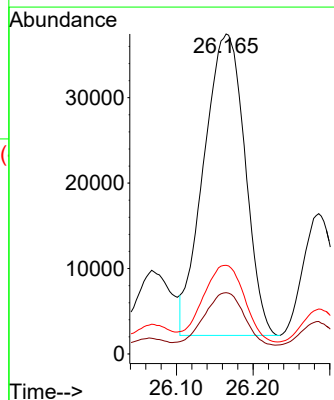
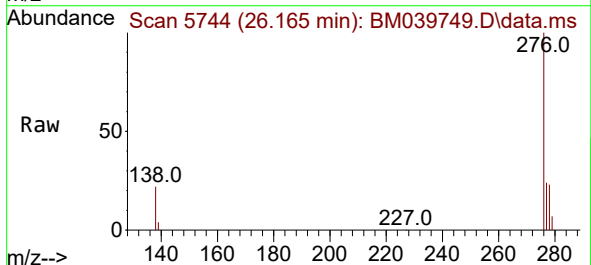
Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2

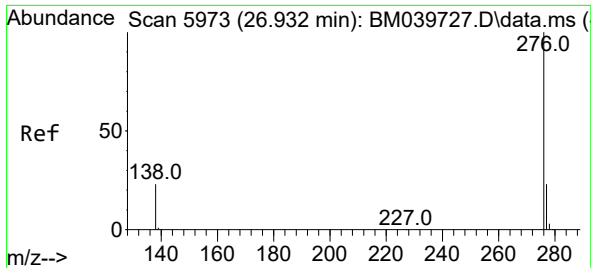
Tgt Ion:276 Resp: 481333
 Ion Ratio Lower Upper
 276 100
 138 22.6 21.1 31.7
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 3.950 ng/ul
 RT: 26.165 min Scan# 5744
 Delta R.T. -0.053 min
 Lab File: BM039749.D
 Acq: 28 Apr 2023 22:54

Tgt Ion:278 Resp: 131903
 Ion Ratio Lower Upper
 278 100
 139 19.1 17.0 25.6
 279 27.7 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 11.700 ng/ul

RT: 26.909 min Scan# 5966

Delta R.T. -0.039 min

Lab File: BM039749.D

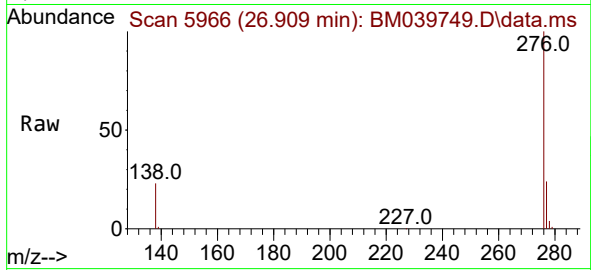
Acq: 28 Apr 2023 22:54

Instrument :

BNA_M

ClientSampleId :

EW8Y2



Tgt Ion:276 Resp: 438573

Ion Ratio Lower Upper

276 100

138 23.1 20.1 30.1

277 24.0 20.1 30.1

