

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039772.D
 Acq On : 01 May 2023 11:54
 Operator : CG/JU
 Sample : 02417-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X4DL

Quant Time: May 02 01:24:55 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 : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

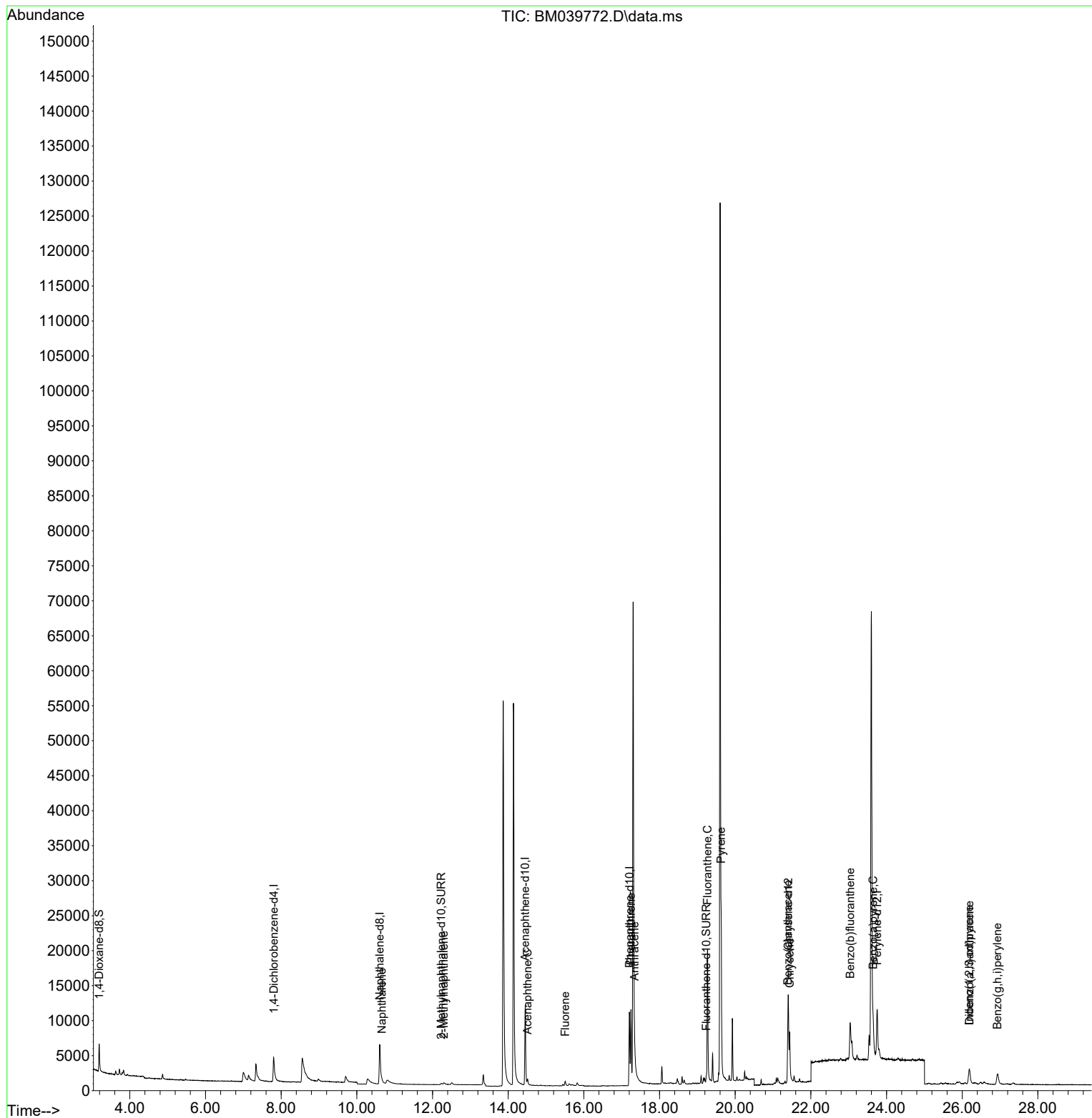
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3279	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.605	136	12100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	6974	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	14171	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	11016	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	9863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2620	0.542	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.232	152	582	0.037	ng/ul	0.03
18) Fluoranthene-d10	19.237	212	1331	0.045	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.660	128	622	0.020	ng/ul#	54
7) 2-Methylnaphthalene	12.298	142	424	0.024	ng/ul	96
11) Acenaphthene	14.514	153	464	0.022	ng/ul	95
12) Fluorene	15.509	166	568	0.024	ng/ul#	93
15) Phenanthrene	17.245	178	12615	0.338	ng/ul	99
16) Anthracene	17.338	178	1948	0.061	ng/ul#	84
19) Fluoranthene	19.270	202	19333	0.492	ng/ul	99
20) Pyrene	19.628	202	17934	0.423	ng/ul	98
21) Benzo(a)anthracene	21.388	228	6939	0.219	ng/ul#	92
22) Chrysene	21.441	228	7230	0.202	ng/ul	95
24) Benzo(b)fluoranthene	23.039	252	10176	0.294	ng/ul	77
26) Benzo(a)pyrene	23.644	252	5728	0.184	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.184	276	4461	0.113	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.191	278	949	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	26.929	276	3786	0.110	ng/ul#	86

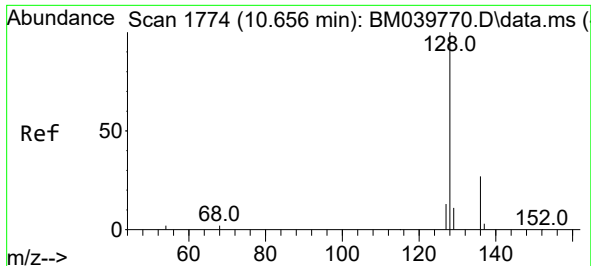
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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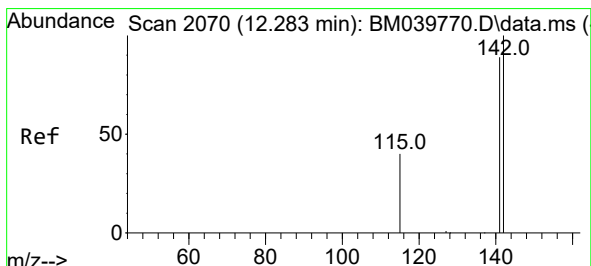
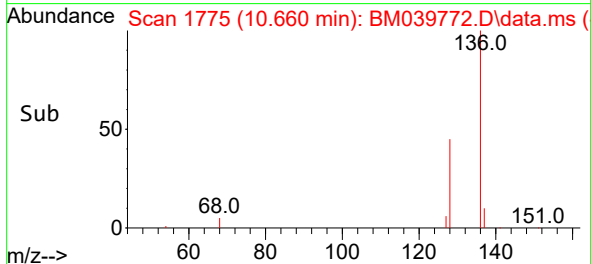
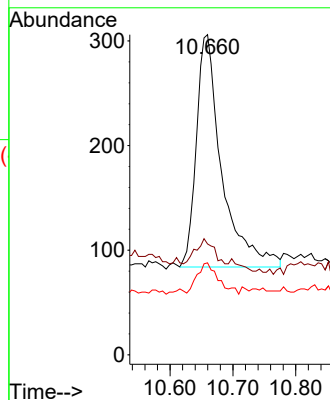
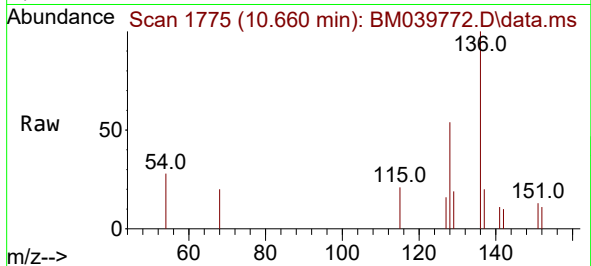




#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.660 min Scan# 11
Delta R.T. 0.004 min
Lab File: BM039772.D
Acq: 01 May 2023 11:54

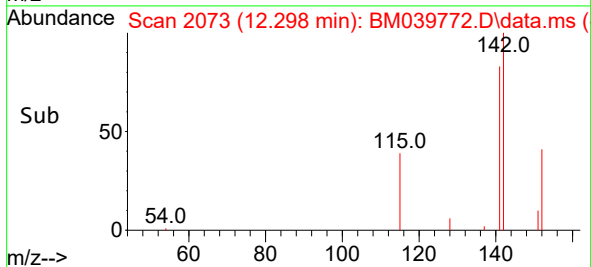
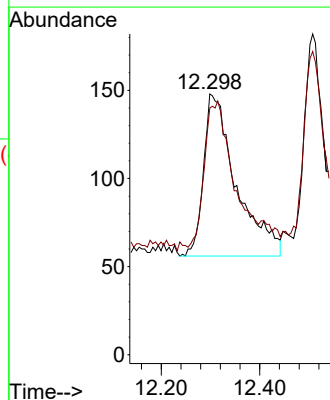
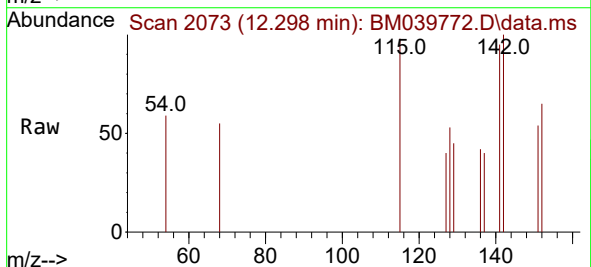
Instrument :
BNA_M
ClientSampleId :
EW8X4DL

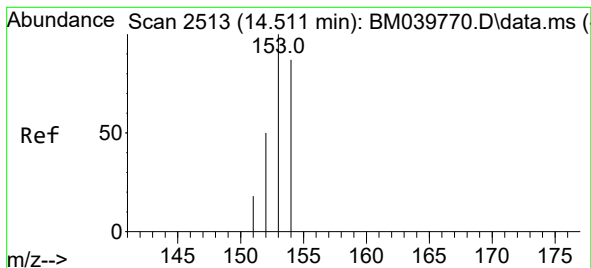
Tgt Ion:128 Resp: 622
Ion Ratio Lower Upper
128 100
129 34.6 9.8 14.6#
127 28.8 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.298 min Scan# 2073
Delta R.T. 0.021 min
Lab File: BM039772.D
Acq: 01 May 2023 11:54

Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
141 87.7 73.2 109.8





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.514 min Scan# 2514

Delta R.T. 0.003 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

Instrument :

BNA_M

ClientSampleId :

EW8X4DL

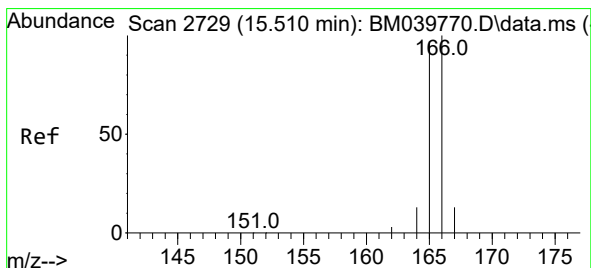
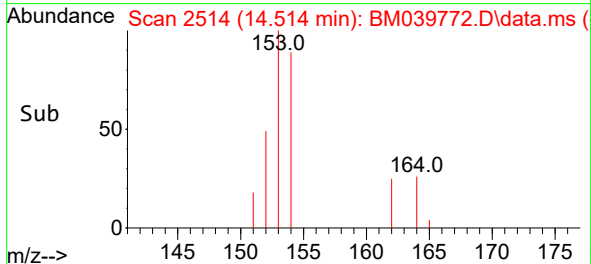
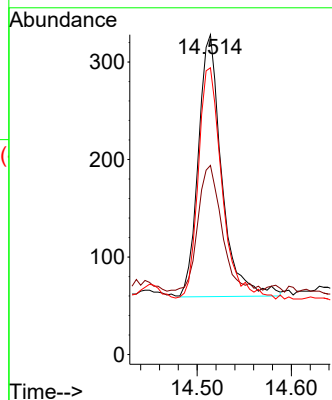
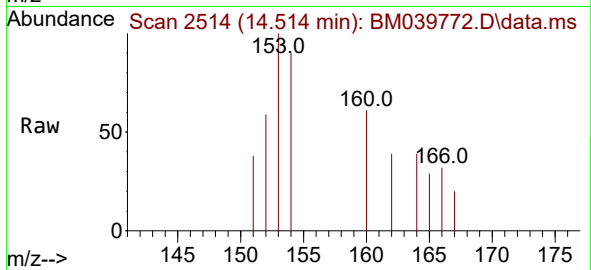
Tgt Ion:153 Resp: 464

Ion Ratio Lower Upper

153 100

152 59.1 40.6 61.0

154 89.6 71.9 107.9



#12

Fluorene

Concen: 0.024 ng/ul

RT: 15.509 min Scan# 2729

Delta R.T. -0.001 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

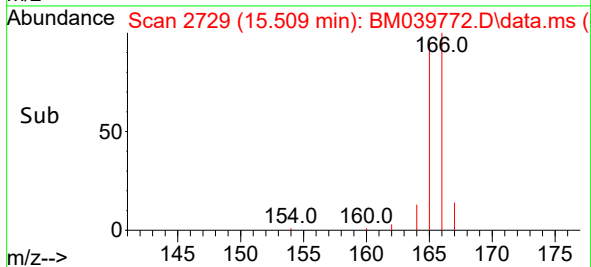
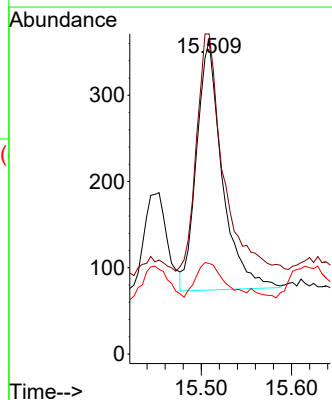
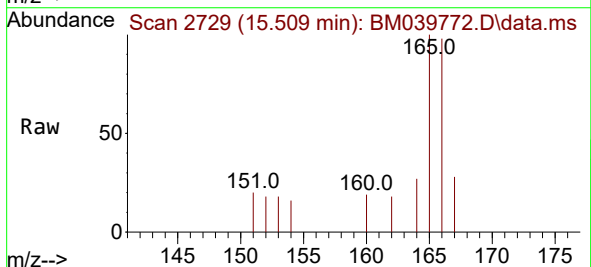
Tgt Ion:166 Resp: 568

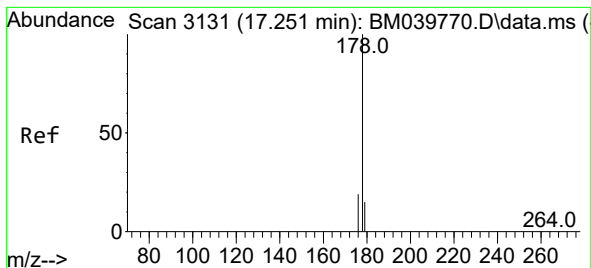
Ion Ratio Lower Upper

166 100

165 102.2 79.0 118.6

167 28.9 11.8 17.6#





#15

Phenanthrene

Concen: 0.338 ng/ul

RT: 17.245 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

Instrument :

BNA_M

ClientSampleId :

EW8X4DL

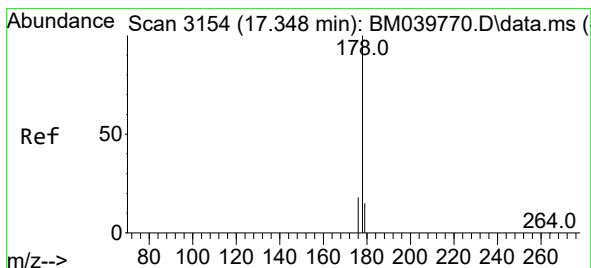
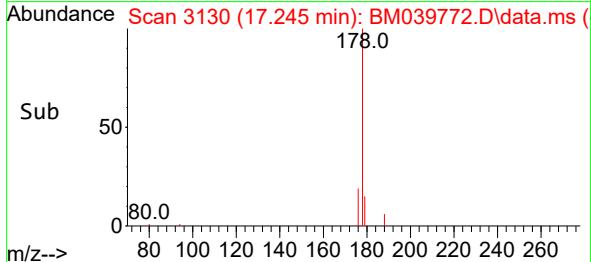
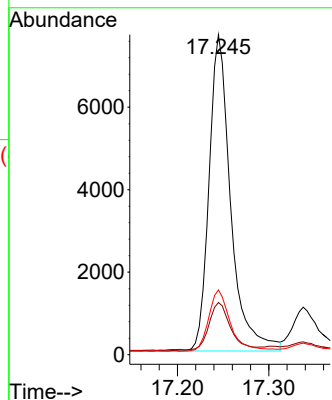
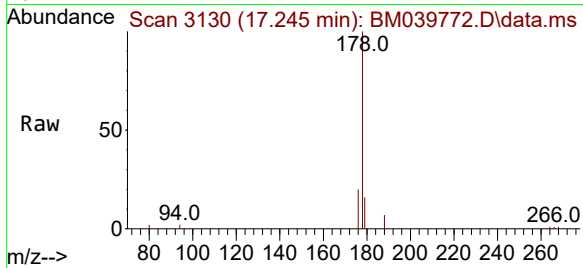
Tgt Ion:178 Resp: 12615

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 20.2 15.8 23.8



#16

Anthracene

Concen: 0.061 ng/ul

RT: 17.338 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

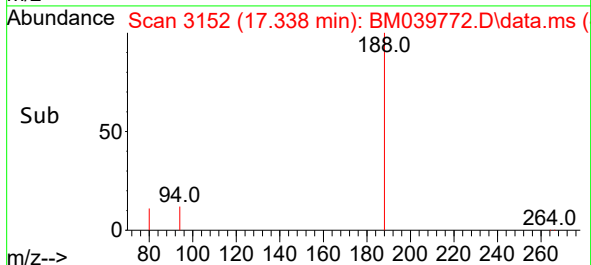
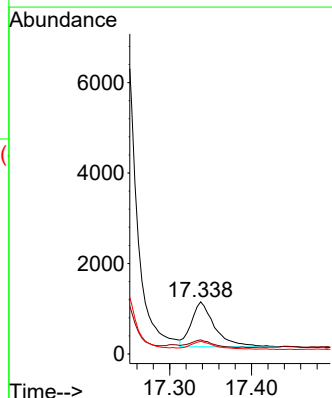
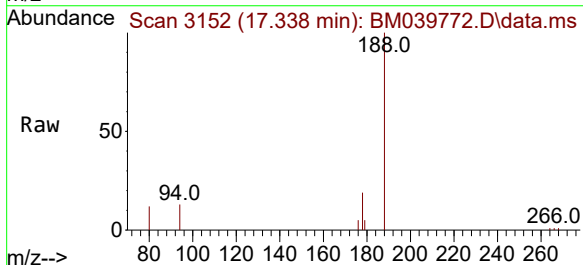
Tgt Ion:178 Resp: 1948

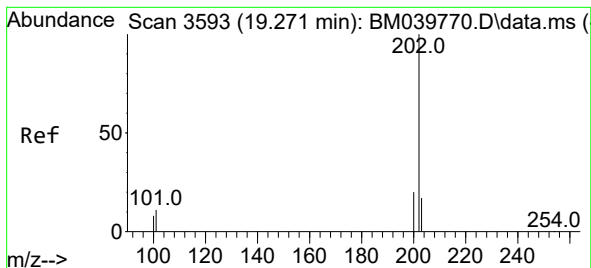
Ion Ratio Lower Upper

178 100

179 27.0 13.8 20.6#

176 24.1 15.8 23.8#





#19

Fluoranthene

Concen: 0.492 ng/ul

RT: 19.270 min Scan# 3

Delta R.T. 0.003 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

Instrument :

BNA_M

ClientSampleId :

EW8X4DL

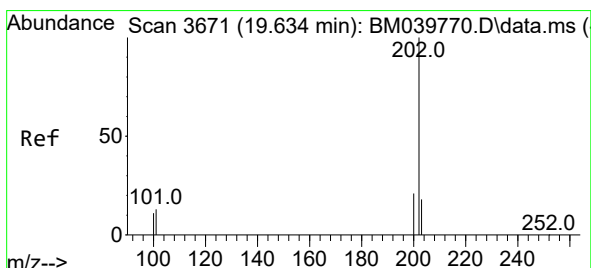
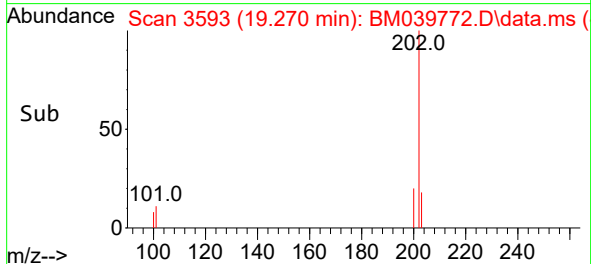
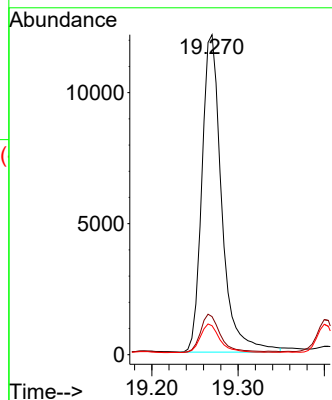
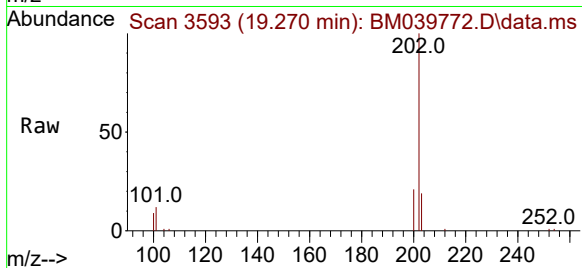
Tgt Ion:202 Resp: 19333

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 9.0 7.3 10.9



#20

Pyrene

Concen: 0.423 ng/ul

RT: 19.628 min Scan# 3670

Delta R.T. -0.006 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

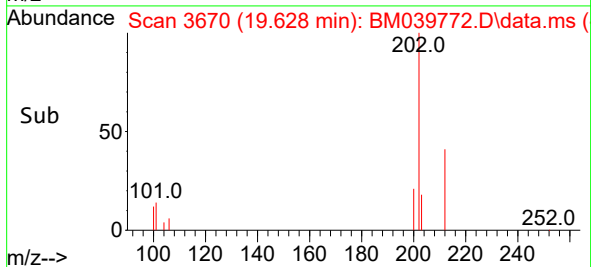
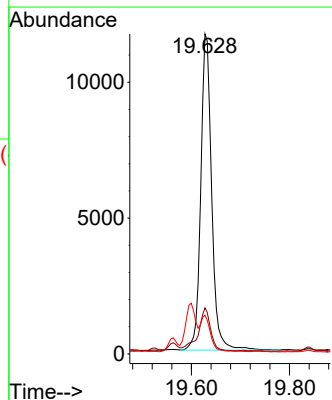
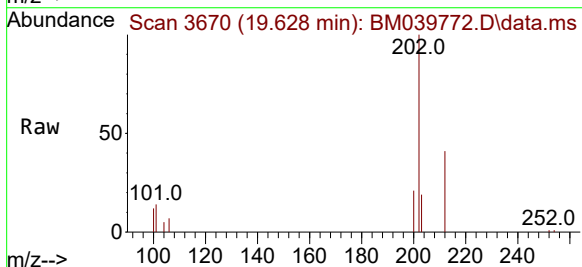
Tgt Ion:202 Resp: 17934

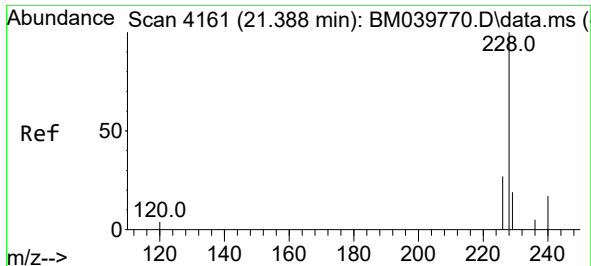
Ion Ratio Lower Upper

202 100

101 14.4 10.9 16.3

100 12.1 8.9 13.3

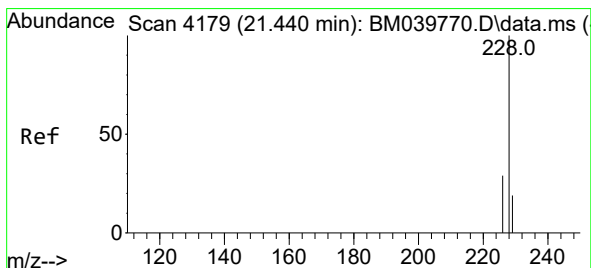
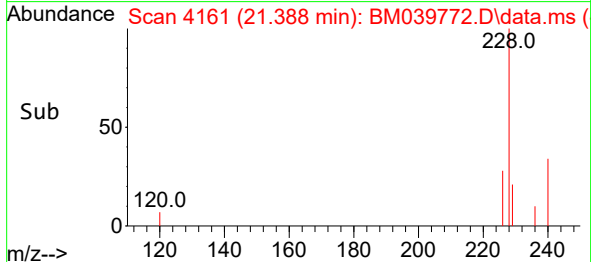
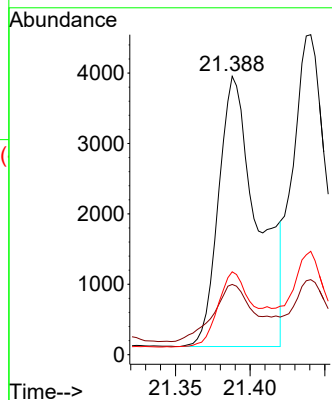
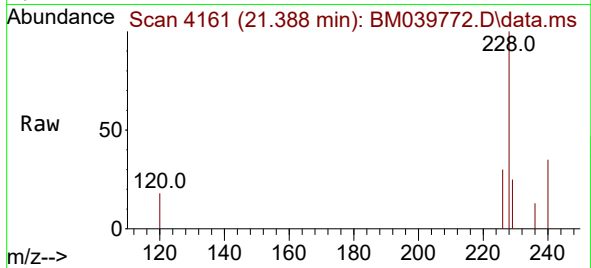




#21
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. 0.005 min
Lab File: BM039772.D
Acq: 01 May 2023 11:54

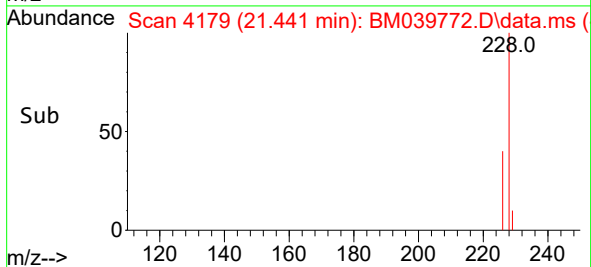
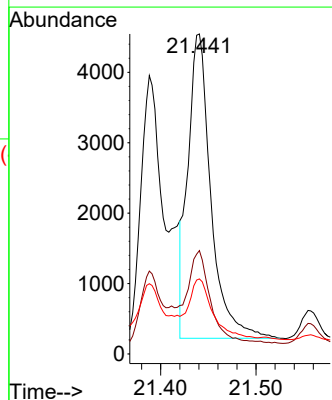
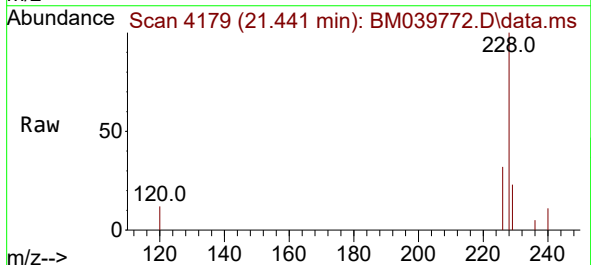
Instrument :
BNA_M
ClientSampleId :
EW8X4DL

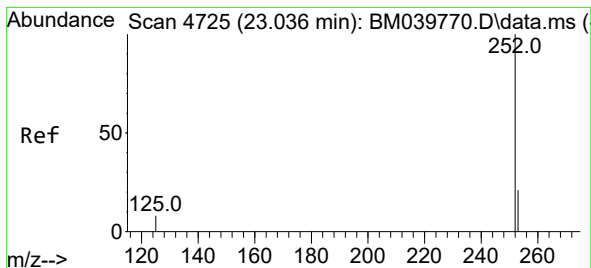
Tgt Ion:228 Resp: 6939
Ion Ratio Lower Upper
228 100
229 25.2 16.2 24.2#
226 29.8 21.6 32.4



#22
Chrysene
Concen: 0.202 ng/ul
RT: 21.441 min Scan# 4179
Delta R.T. 0.005 min
Lab File: BM039772.D
Acq: 01 May 2023 11:54

Tgt Ion:228 Resp: 7230
Ion Ratio Lower Upper
228 100
226 32.3 24.3 36.5
229 23.5 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.294 ng/ul

RT: 23.039 min Scan# 41

Delta R.T. 0.008 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

Instrument :

BNA_M

ClientSampleId :

EW8X4DL

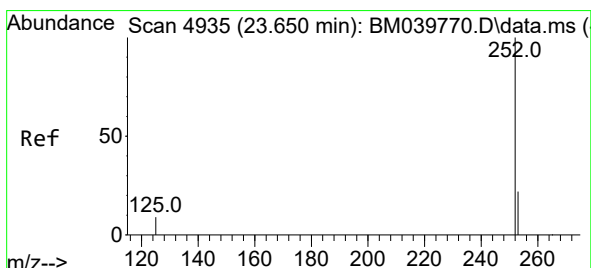
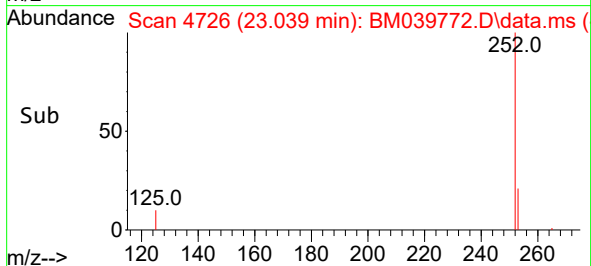
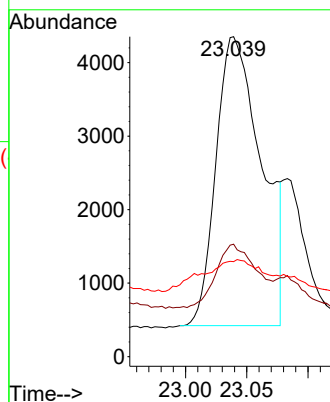
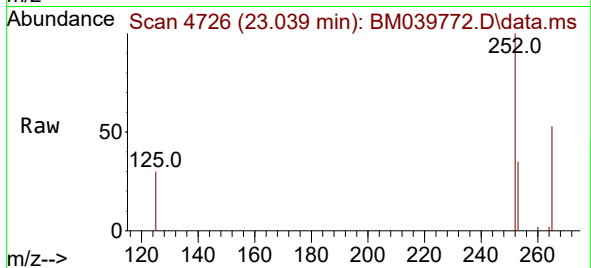
Tgt Ion:252 Resp: 10176

Ion Ratio Lower Upper

252 100

253 35.1 0.0 52.8

125 29.7 0.0 31.6



#26

Benzo(a)pyrene

Concen: 0.184 ng/ul

RT: 23.644 min Scan# 4933

Delta R.T. 0.002 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

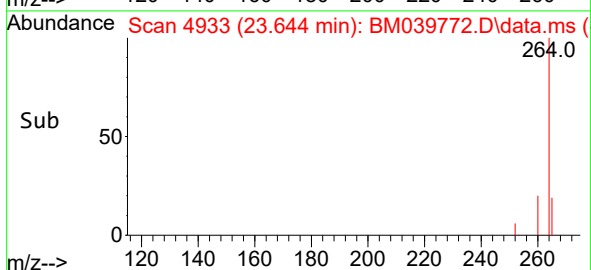
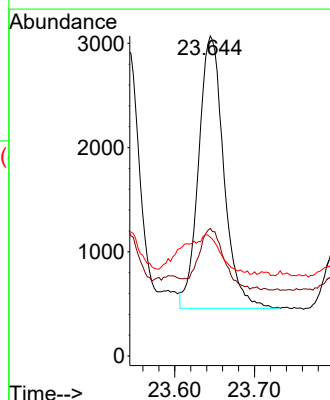
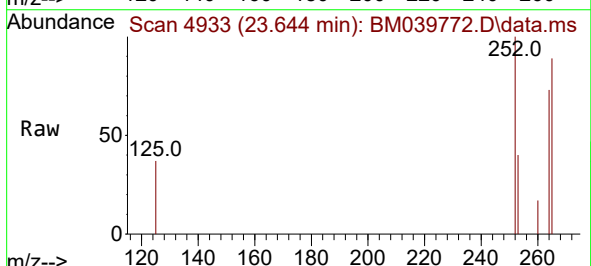
Tgt Ion:252 Resp: 5728

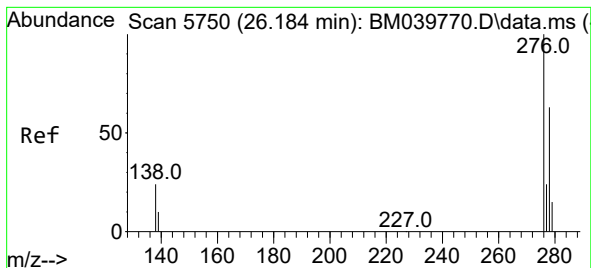
Ion Ratio Lower Upper

252 100

253 39.9 24.7 37.1#

125 37.2 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.113 ng/ul

RT: 26.184 min Scan# 51

Delta R.T. 0.005 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

Instrument :

BNA_M

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EW8X4DL

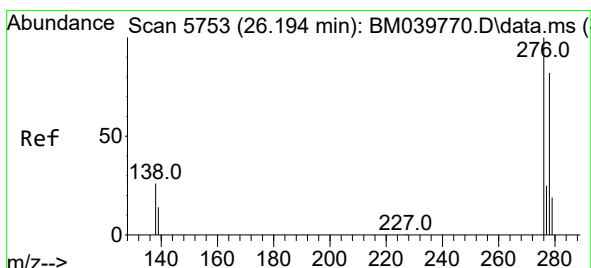
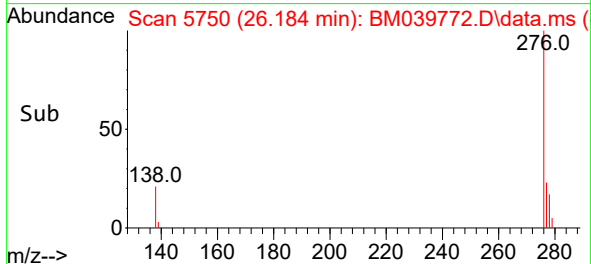
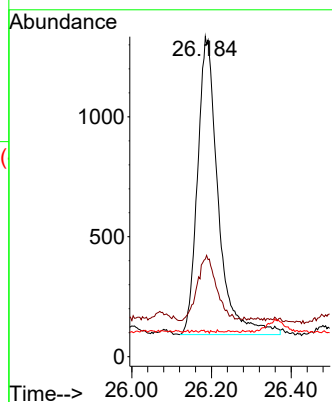
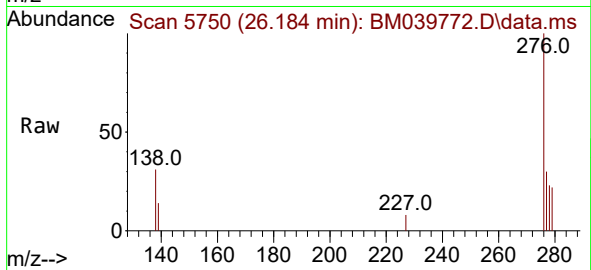
Tgt Ion:276 Resp: 4461

Ion Ratio Lower Upper

276 100

138 20.3 21.1 31.7#

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

RT: 26.191 min Scan# 5752

Delta R.T. 0.002 min

Lab File: BM039772.D

Acq: 01 May 2023 11:54

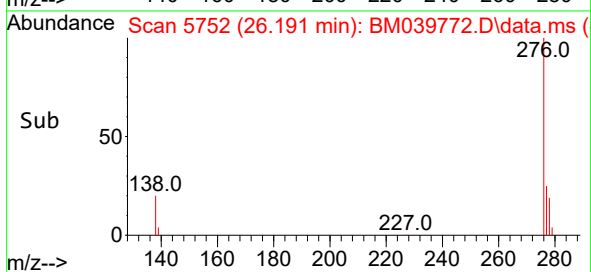
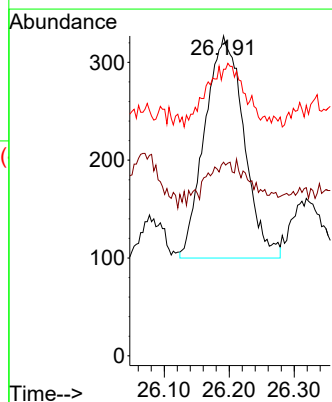
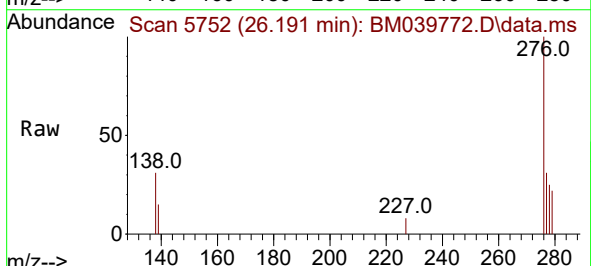
Tgt Ion:278 Resp: 949

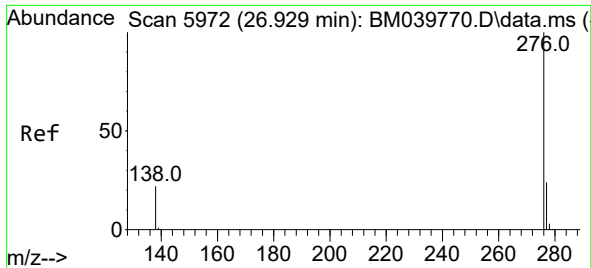
Ion Ratio Lower Upper

278 100

139 60.6 17.0 25.6#

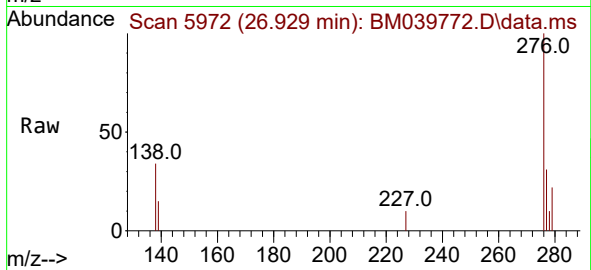
279 89.6 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul
 RT: 26.929 min Scan# 5972
 Delta R.T. 0.009 min
 Lab File: BM039772.D
 Acq: 01 May 2023 11:54

Instrument :
 BNA_M
 ClientSampleId :
 EW8X4DL



Tgt Ion:	276	Resp:	3786
Ion	Ratio	Lower	Upper
276	100		
138	33.8	20.1	30.1#
277	30.9	20.1	30.1#

