

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039722.D
 Acq On : 28 Apr 2023 00:58
 Operator : CG/JU
 Sample : 02417-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X8

Quant Time: Apr 28 02:36:00 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)

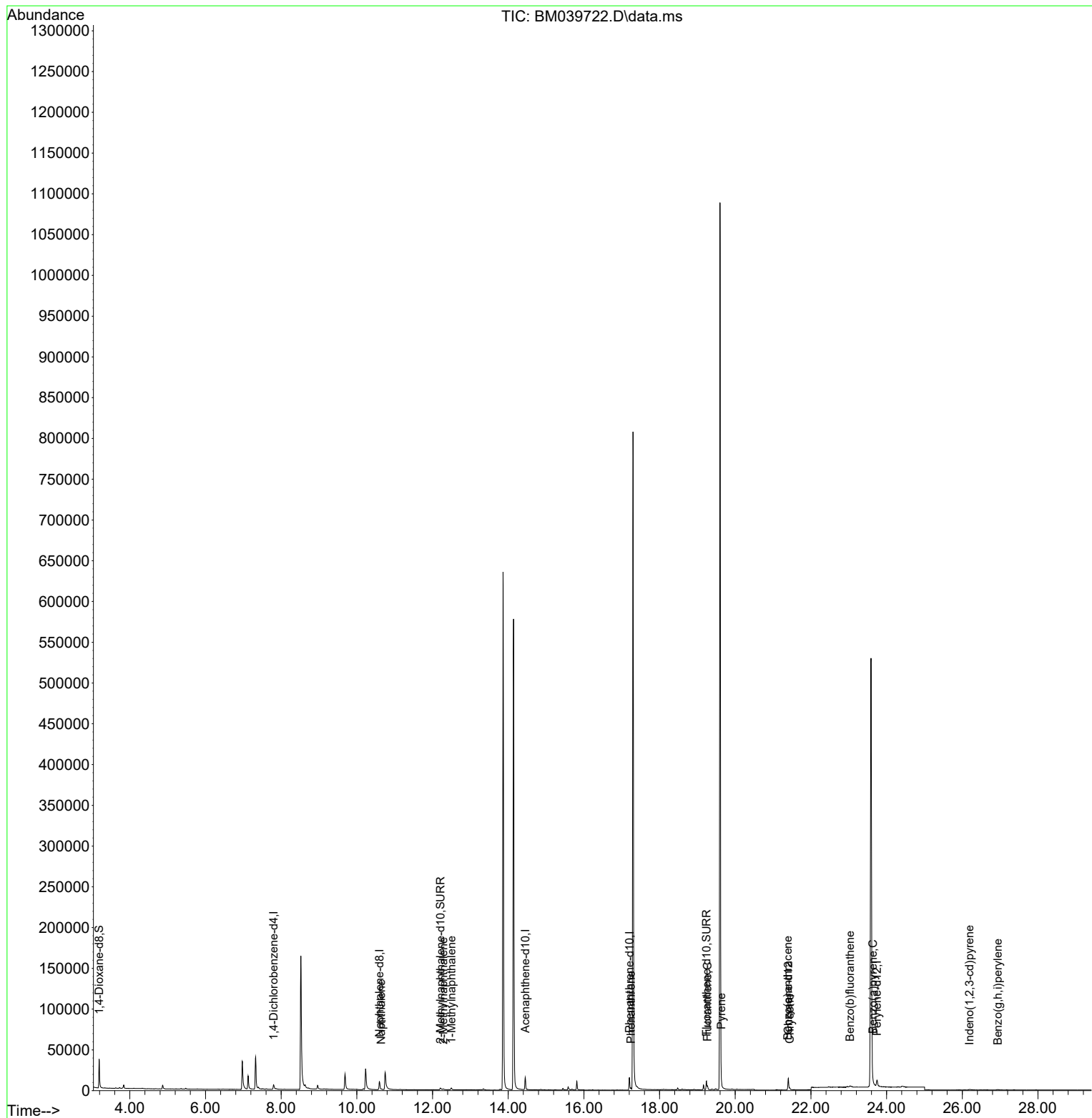
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4140	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15421	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.451	164	8720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	19164	0.400	ng/ul	-0.01
17) Chrysene-d12	21.401	240	14967	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	12474	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	21502	3.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	4902	0.248	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	12187	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	844	0.022	ng/ul#	63
7) 2-Methylnaphthalene	12.283	142	1064	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	2067	0.086	ng/ul	99
15) Phenanthrene	17.242	178	2441	0.048	ng/ul#	89
19) Fluoranthene	19.266	202	3477	0.065	ng/ul#	59
20) Pyrene	19.629	202	3204	0.056	ng/ul#	82
21) Benzo(a)anthracene	21.389	228	1934	0.045	ng/ul#	81
22) Chrysene	21.439	228	1975	0.041	ng/ul#	87
24) Benzo(b)fluoranthene	23.035	252	2564	0.059	ng/ul#	27
26) Benzo(a)pyrene	23.637	252	1357	0.035	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.186	276	1087	0.022	ng/ul#	51
29) Benzo(g,h,i)perylene	26.937	276	1072	0.025	ng/ul#	45

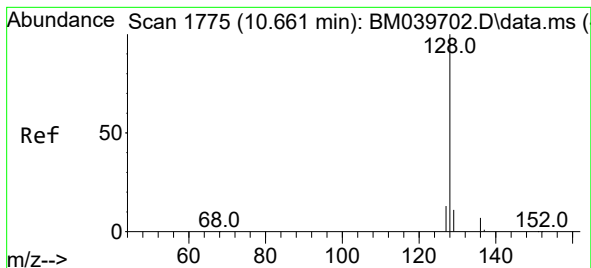
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.022 ng/ul

RT: 10.644 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM039722.D

Acq: 28 Apr 2023 00:58

Instrument :

BNA_M

ClientSampleId :

EW8X8

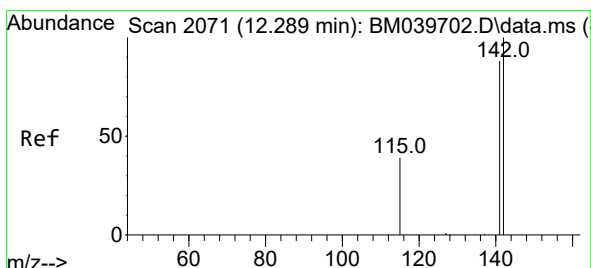
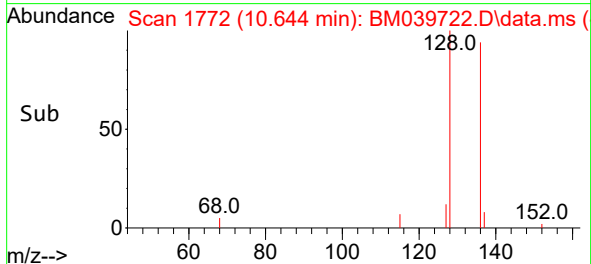
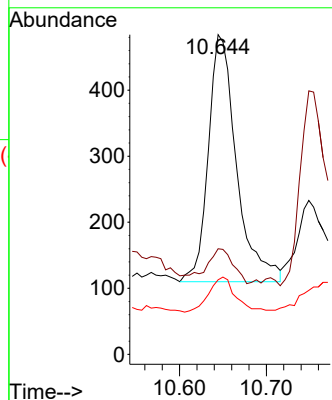
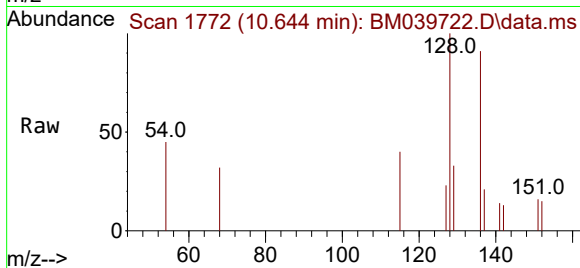
Tgt Ion:128 Resp: 844

Ion Ratio Lower Upper

128 100

129 33.1 9.8 14.6#

127 23.3 11.1 16.7#



#7

2-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.283 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BM039722.D

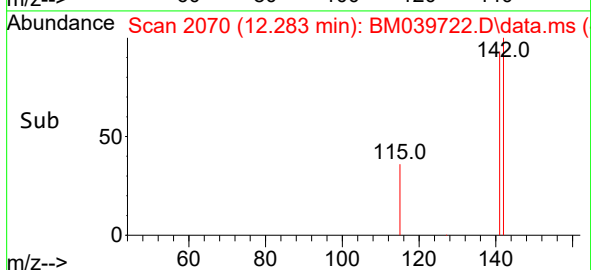
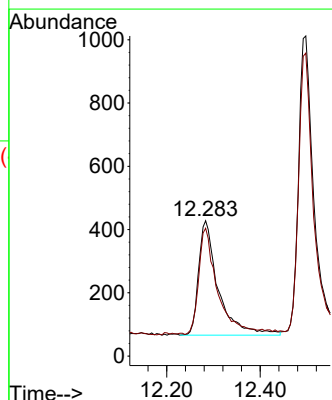
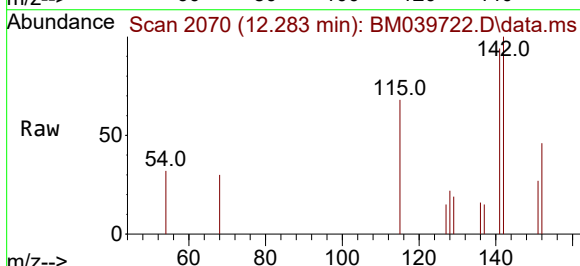
Acq: 28 Apr 2023 00:58

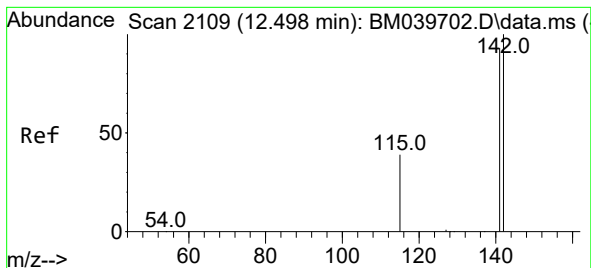
Tgt Ion:142 Resp: 1064

Ion Ratio Lower Upper

142 100

141 91.6 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.498 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BM039722.D

Acq: 28 Apr 2023 00:58

Instrument :

BNA_M

ClientSampleId :

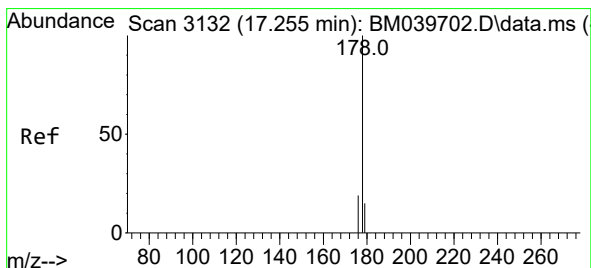
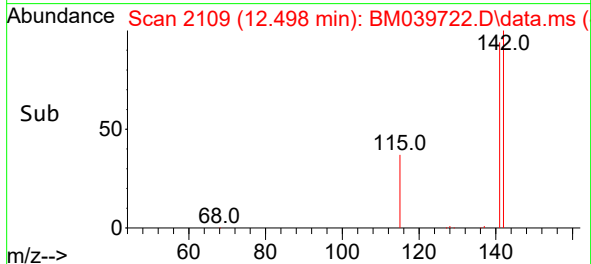
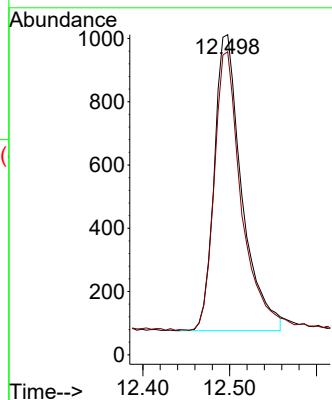
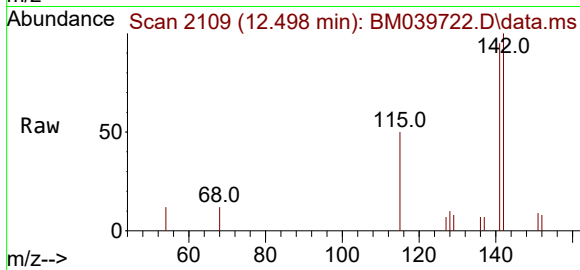
EW8X8

Tgt Ion:142 Resp: 2067

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2



#15

Phenanthrene

Concen: 0.048 ng/ul

RT: 17.242 min Scan# 3129

Delta R.T. -0.013 min

Lab File: BM039722.D

Acq: 28 Apr 2023 00:58

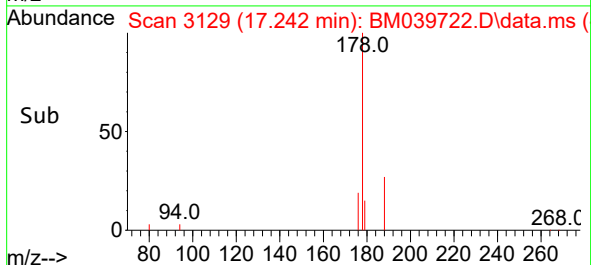
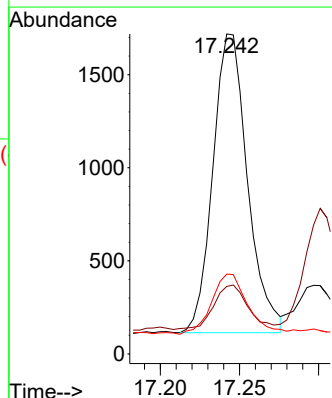
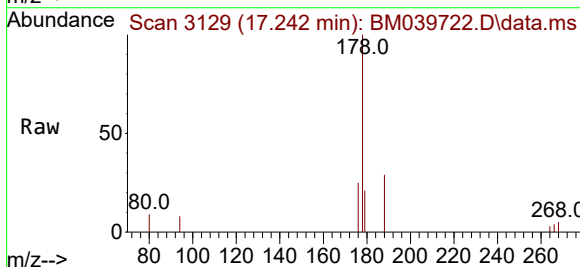
Tgt Ion:178 Resp: 2441

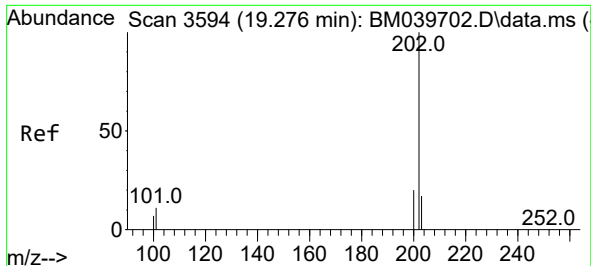
Ion Ratio Lower Upper

178 100

179 21.1 13.0 19.6#

176 25.0 15.8 23.8#

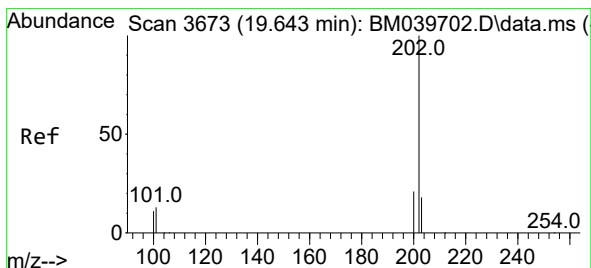
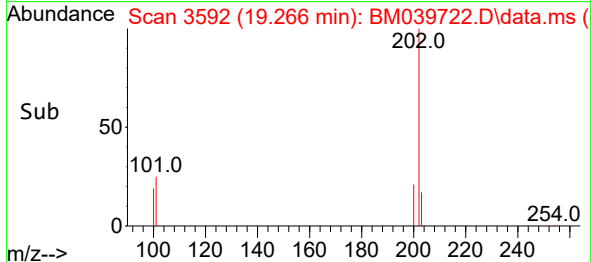
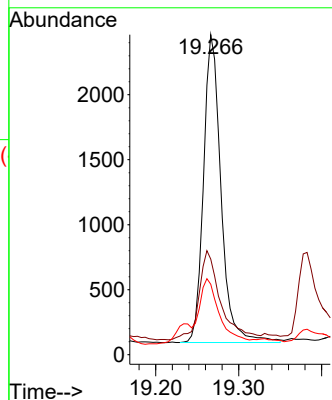
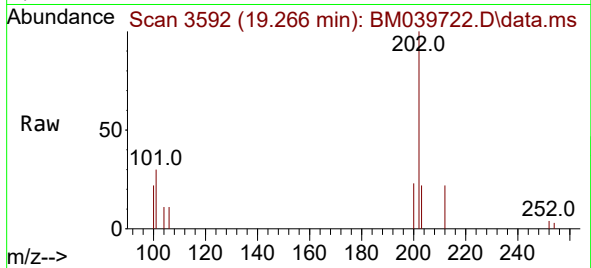




#19
Fluoranthene
Concen: 0.065 ng/u1
RT: 19.266 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

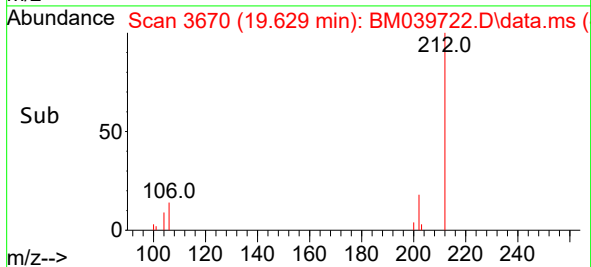
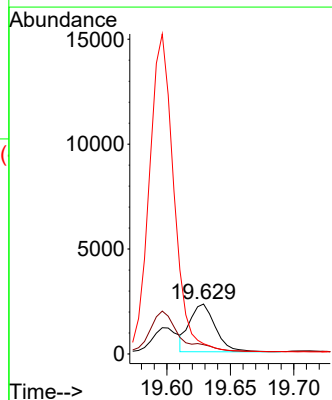
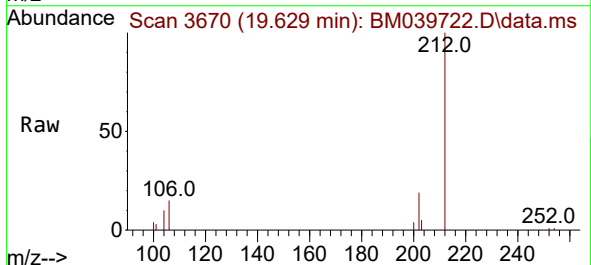
Instrument :
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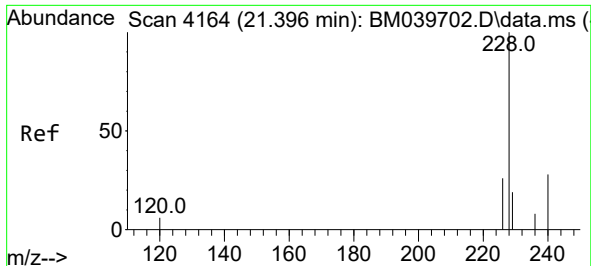
Tgt Ion:202 Resp: 3477
Ion Ratio Lower Upper
202 100
101 29.9 9.8 14.8#
100 22.0 7.3 10.9#



#20
Pyrene
Concen: 0.056 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

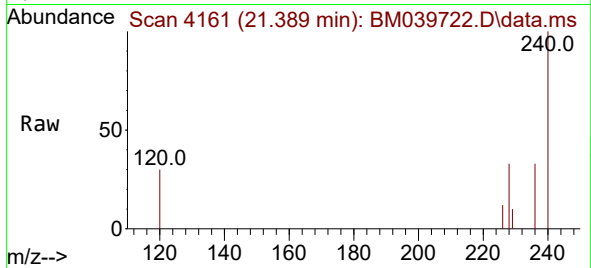
Tgt Ion:202 Resp: 3204
Ion Ratio Lower Upper
202 100
101 18.5 10.9 16.3#
100 20.6 8.9 13.3#



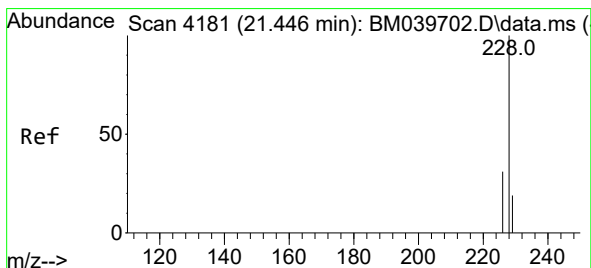
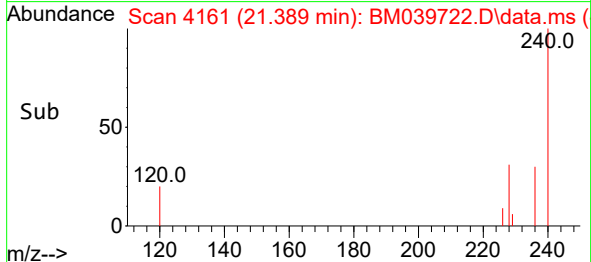
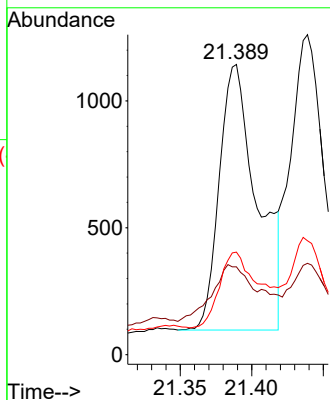


#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.389 min Scan# 4161
Delta R.T. -0.007 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Instrument :
BNA_M
ClientSampleId :
EW8X8

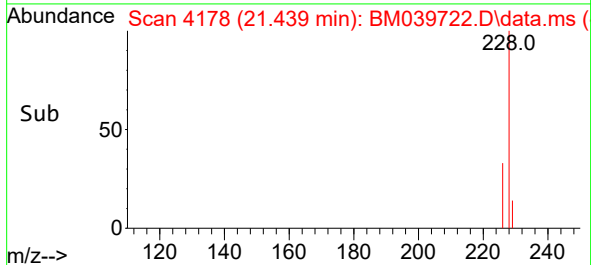
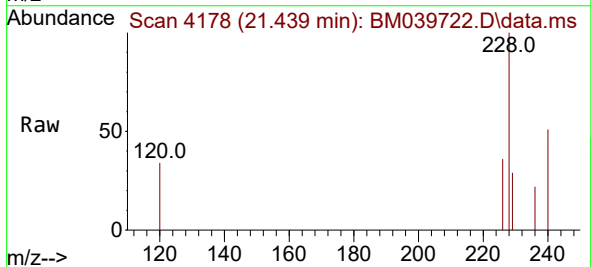
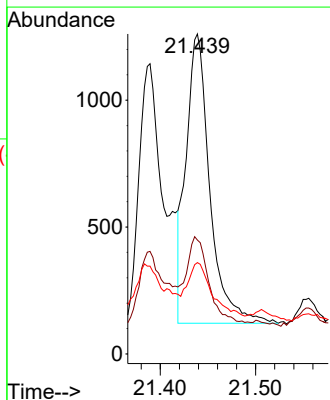


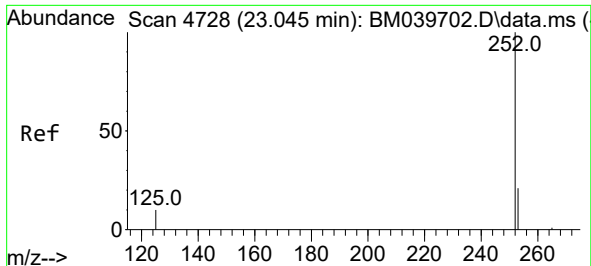
Tgt Ion:228 Resp: 1934
Ion Ratio Lower Upper
228 100
229 30.2 16.2 24.2#
226 35.3 21.6 32.4#



#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.439 min Scan# 4178
Delta R.T. -0.007 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Tgt Ion:228 Resp: 1975
Ion Ratio Lower Upper
228 100
226 35.6 24.3 36.5
229 28.5 15.9 23.9#

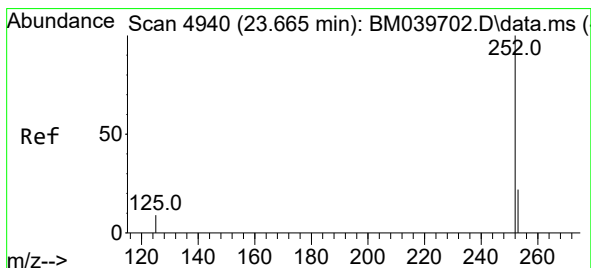
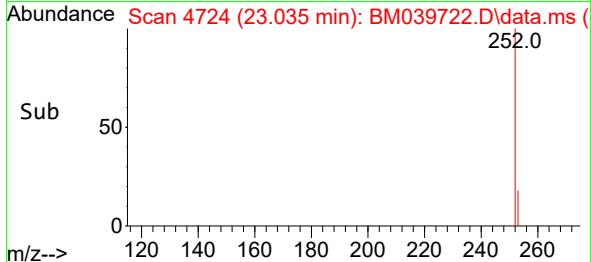
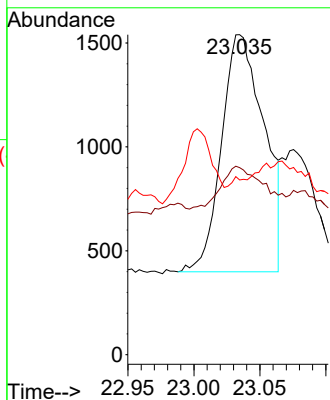
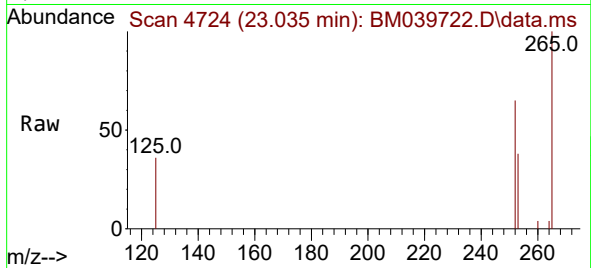




#24
Benzo(b)fluoranthene
Concen: 0.059 ng/ul
RT: 23.035 min Scan# 41
Delta R.T. -0.010 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

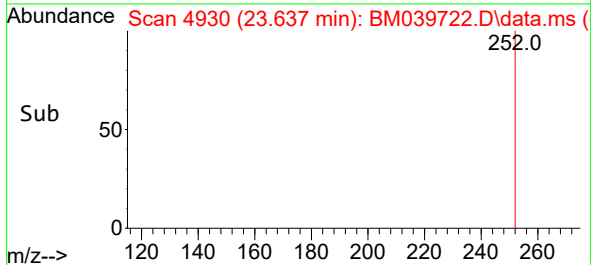
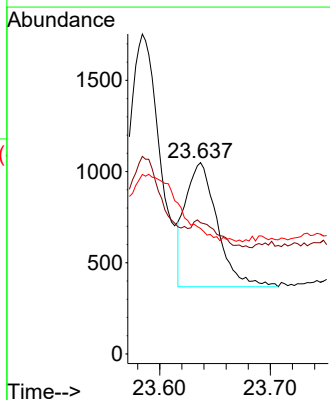
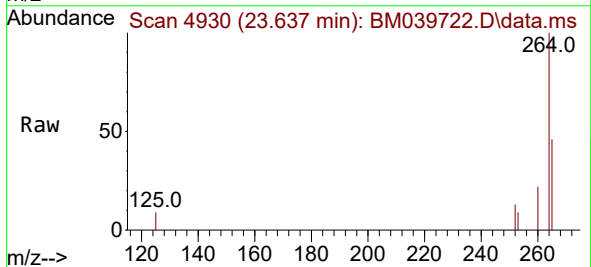
Instrument :
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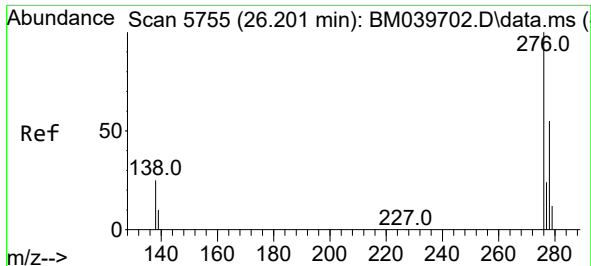
Tgt Ion:252 Resp: 2564
Ion Ratio Lower Upper
252 100
253 58.4 0.0 52.8#
125 54.6 0.0 31.6#



#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Tgt Ion:252 Resp: 1357
Ion Ratio Lower Upper
252 100
253 68.5 24.7 37.1#
125 65.5 16.5 24.7#

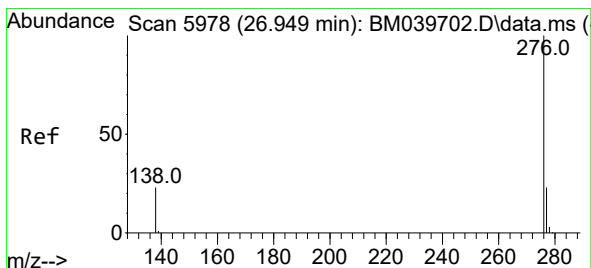
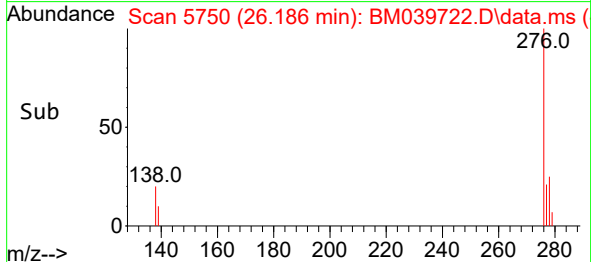
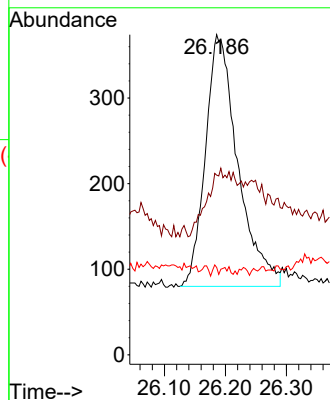
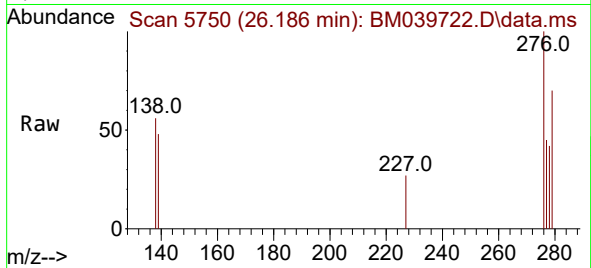




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.186 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 1087
Ion Ratio Lower Upper
276 100
138 51.4 21.1 31.7#
227 0.6 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.937 min Scan# 5974
Delta R.T. -0.012 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Tgt Ion:276 Resp: 1072
Ion Ratio Lower Upper
276 100
138 55.8 20.1 30.1#
277 49.6 20.1 30.1#

