

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040044.D
 Acq On : 26 May 2023 19:38
 Operator : CG/JU
 Sample : 02851-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK1

Quant Time: May 27 00:12:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

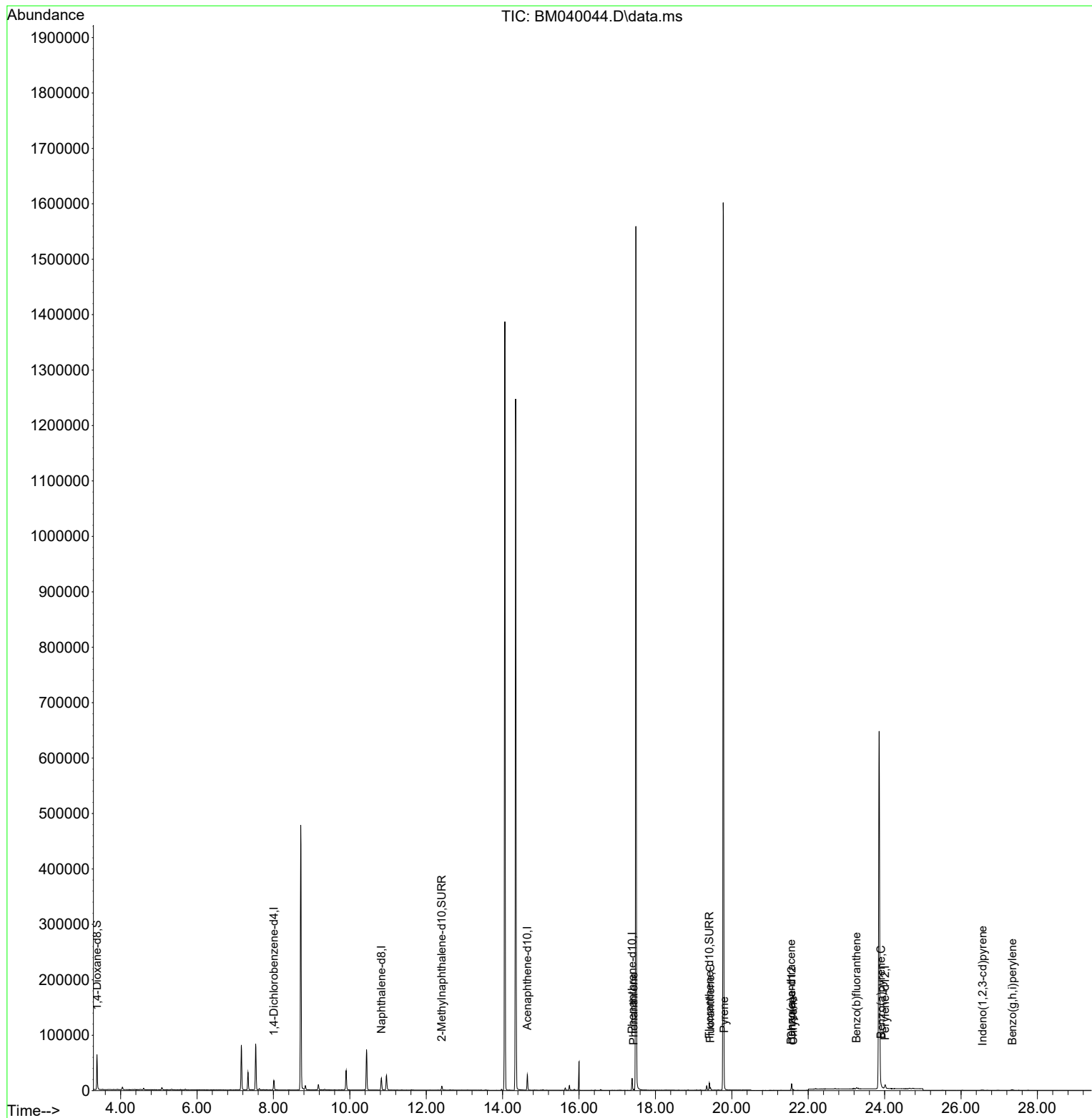
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	8322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.827	136	29131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	24193	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	10174	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	10169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	38758	4.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9205	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	12573	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.429	178	1870	0.027	ng/ul#	87
19) Fluoranthene	19.440	202	3388	0.074	ng/ul#	90
20) Pyrene	19.802	202	3471	0.075	ng/ul#	87
21) Benzo(a)anthracene	21.550	228	972	0.028	ng/ul#	82
22) Chrysene	21.602	228	1364	0.037	ng/ul#	87
24) Benzo(b)fluoranthene	23.265	252	1900	0.047	ng/ul#	1
26) Benzo(a)pyrene	23.903	252	1161	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.561	276	1020	0.021	ng/ul#	81
29) Benzo(g,h,i)perylene	27.339	276	2485	0.062	ng/ul#	81

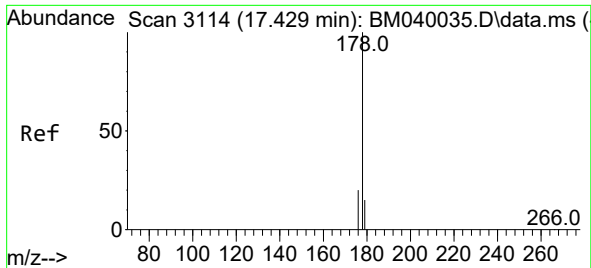
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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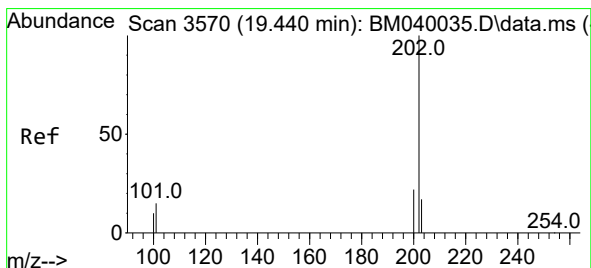
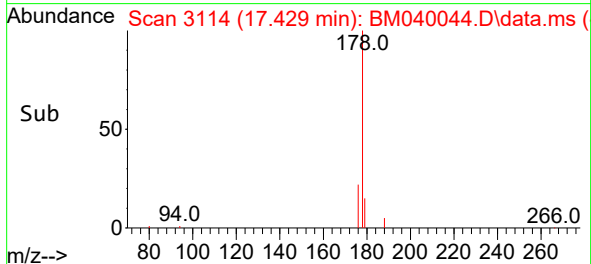
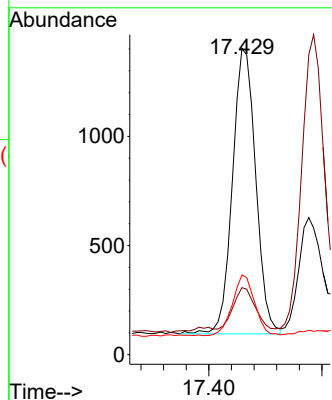
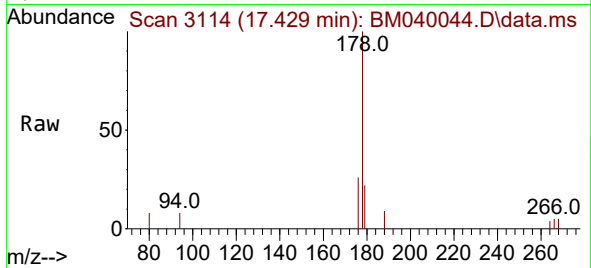




#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

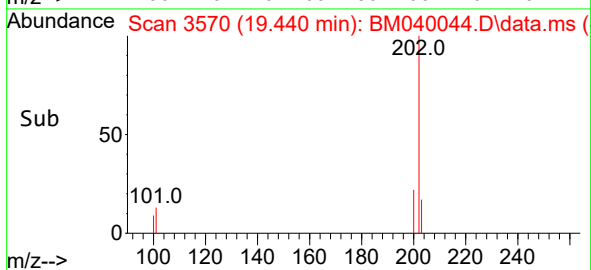
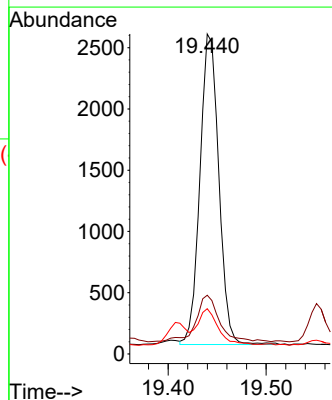
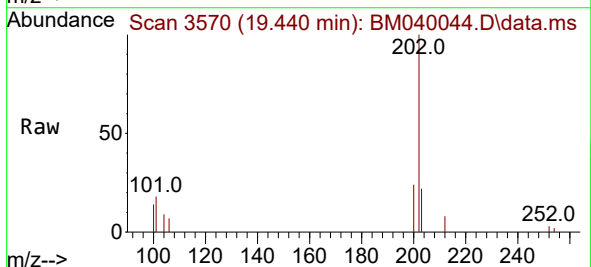
Instrument :
BNA_M
ClientSampleId :
H0FK1

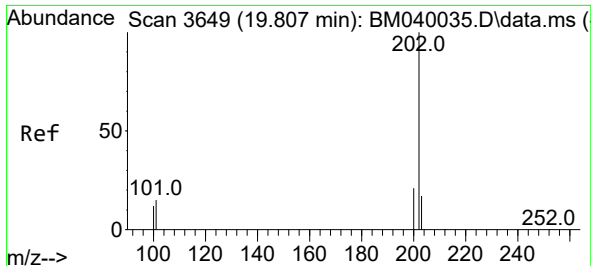
Tgt Ion:178 Resp: 1870
Ion Ratio Lower Upper
178 100
179 21.9 12.4 18.6#
176 26.0 16.3 24.5#



#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

Tgt Ion:202 Resp: 3388
Ion Ratio Lower Upper
202 100
101 18.4 11.5 17.3#
100 14.2 8.5 12.7#

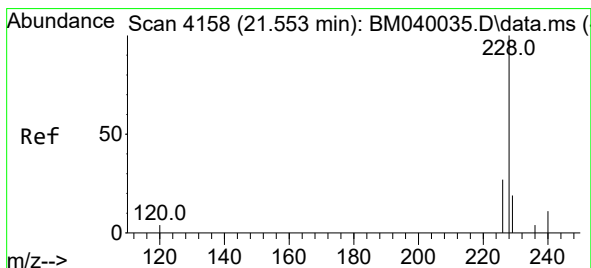
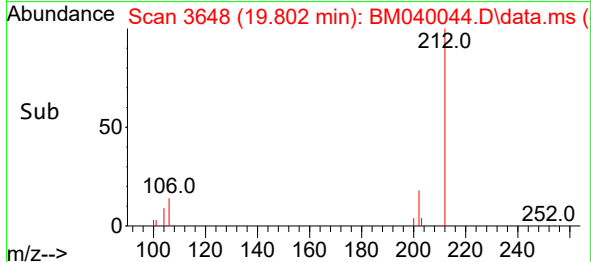
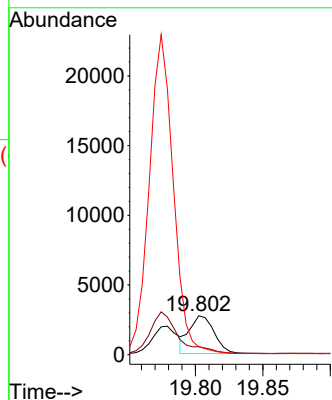
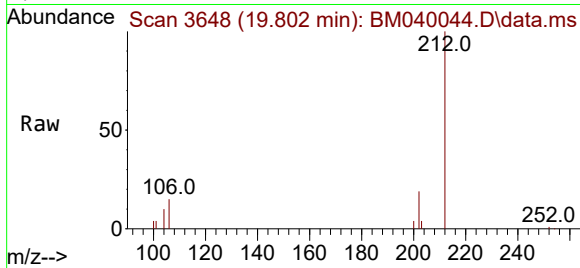




#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

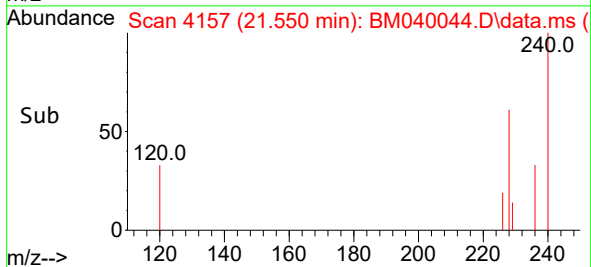
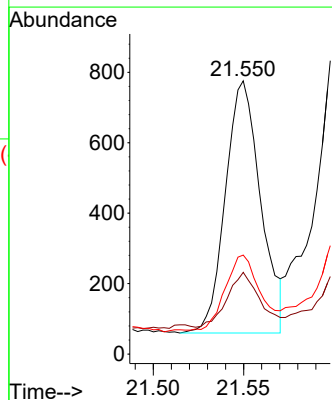
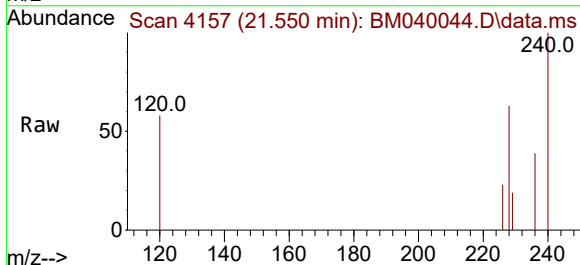
Instrument :
BNA_M
ClientSampleId :
H0FK1

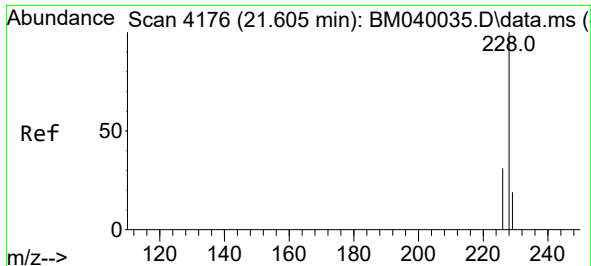
Tgt Ion:202 Resp: 3471
Ion Ratio Lower Upper
202 100
101 20.7 13.3 19.9#
100 20.2 10.9 16.3#



#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

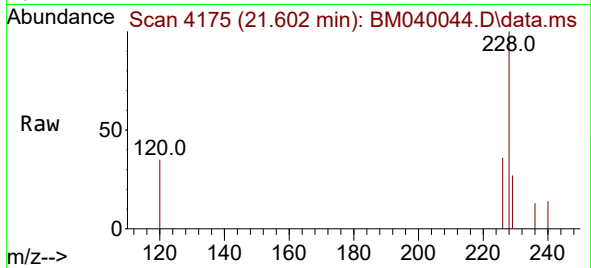
Tgt Ion:228 Resp: 972
Ion Ratio Lower Upper
228 100
229 29.9 15.6 23.4#
226 36.2 22.5 33.7#



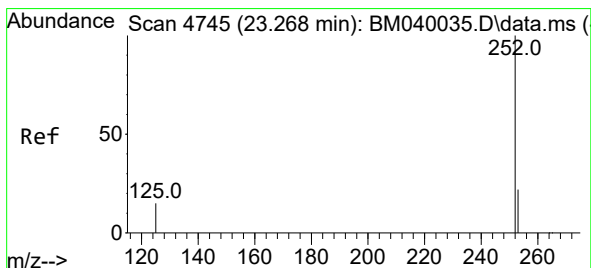
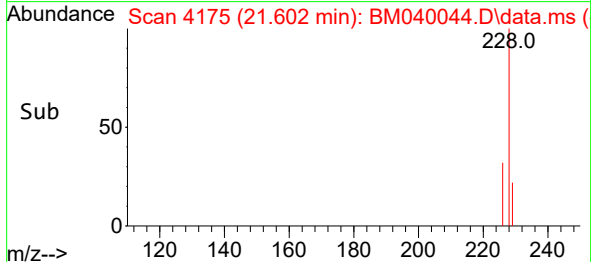
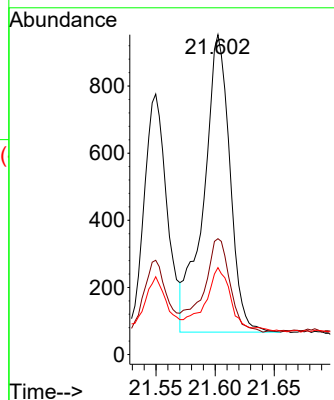


#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

Instrument :
BNA_M
ClientSampleId :
H0FK1

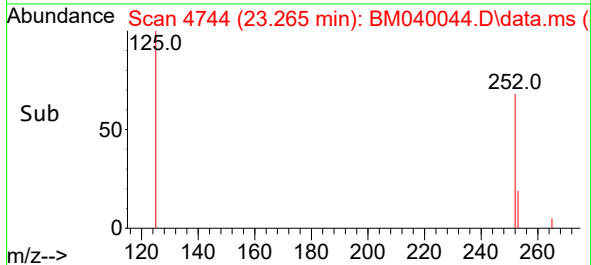
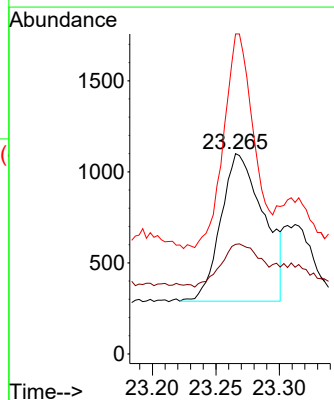
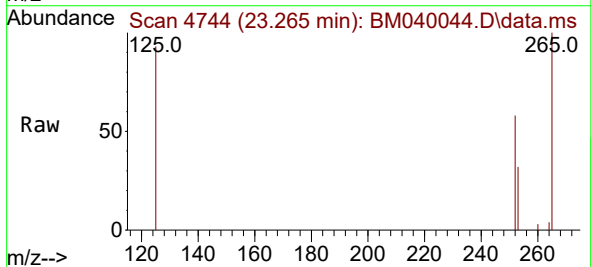


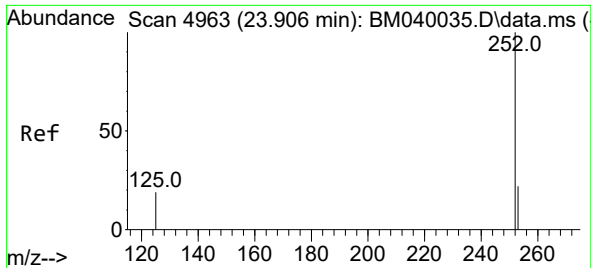
Tgt Ion:228 Resp: 1364
Ion Ratio Lower Upper
228 100
226 36.2 24.6 36.8
229 27.2 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.047 ng/ul
RT: 23.265 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

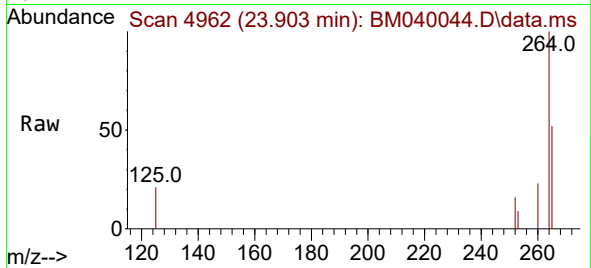
Tgt Ion:252 Resp: 1900
Ion Ratio Lower Upper
252 100
253 54.7 0.0 49.8#
125 159.7 0.0 39.2#



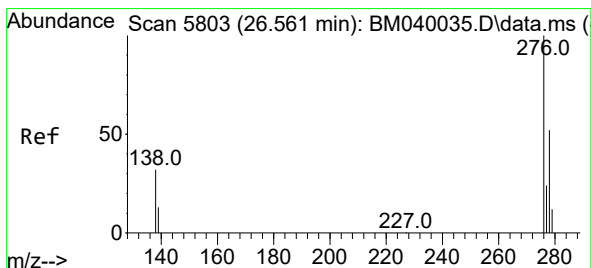
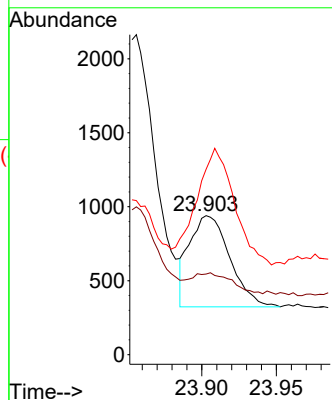
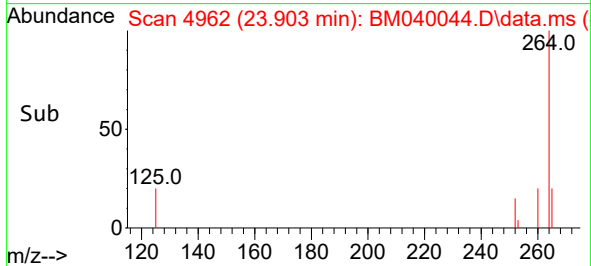


#26
Benzo(a)pyrene
Concen: 0.034 ng/ul
RT: 23.903 min Scan# 4962
Delta R.T. -0.012 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

Instrument :
BNA_M
ClientSampleId :
H0FK1

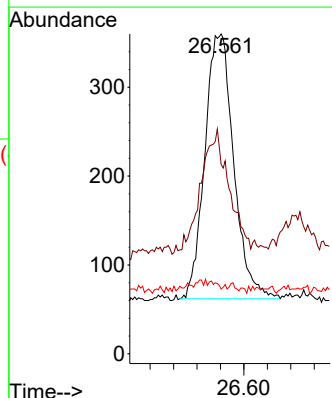
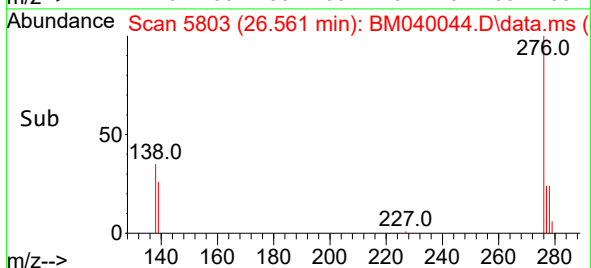
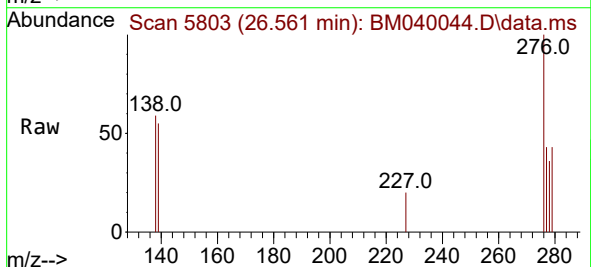


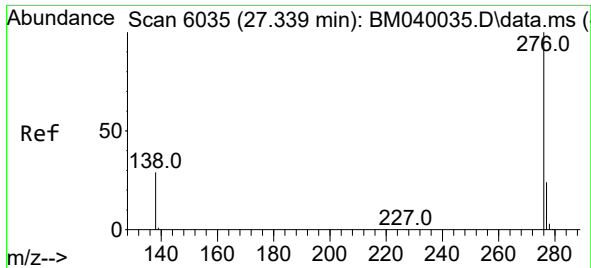
Tgt Ion:252 Resp: 1161
Ion Ratio Lower Upper
252 100
253 58.0 20.6 31.0#
125 133.3 19.1 28.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.010 min
Lab File: BM040044.D
Acq: 26 May 2023 19:38

Tgt Ion:276 Resp: 1020
Ion Ratio Lower Upper
276 100
138 44.3 26.9 40.3#
227 0.0 0.1 0.1#





#29

Benzo(g,h,i)perylene

Concen: 0.062 ng/ul

RT: 27.339 min Scan# 60

Delta R.T. -0.017 min

Lab File: BM040044.D

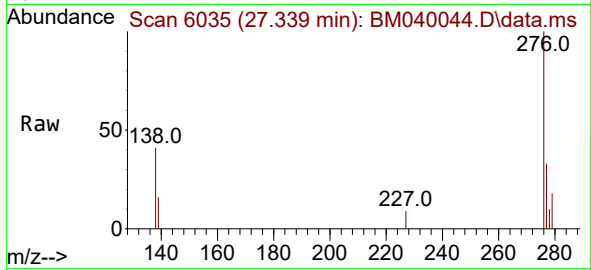
Acq: 26 May 2023 19:38

Instrument :

BNA_M

ClientSampleId :

H0FK1



Tgt Ion:276 Resp: 2485

Ion Ratio Lower Upper

276 100

138 40.8 23.9 35.9#

277 32.8 19.5 29.3#

