

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040047.D
 Acq On : 26 May 2023 21:27
 Operator : CG/JU
 Sample : 02851-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK4

Quant Time: May 27 00:12:34 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)

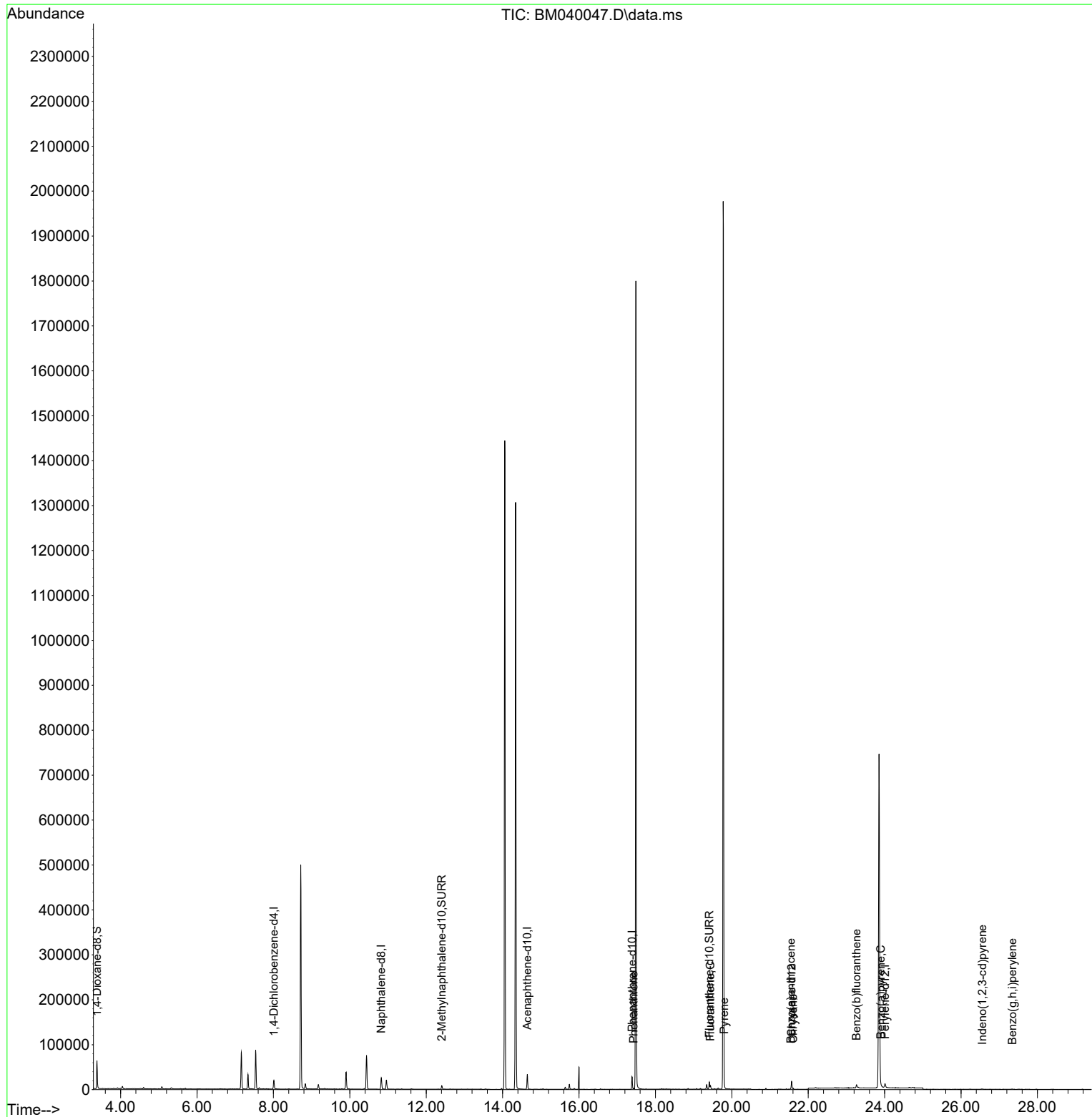
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	34341	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	17003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	30580	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	14766	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	13159	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	38721	3.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9822	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15787	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.429	178	2562	0.030	ng/ul#	89
19) Fluoranthene	19.440	202	6112	0.092	ng/ul#	92
20) Pyrene	19.803	202	5352	0.079	ng/ul#	93
21) Benzo(a)anthracene	21.547	228	1361	0.027	ng/ul#	81
22) Chrysene	21.602	228	2811	0.053	ng/ul#	90
24) Benzo(b)fluoranthene	23.266	252	3554	0.068	ng/ul#	1
26) Benzo(a)pyrene	23.900	252	1506	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.558	276	1410	0.022	ng/ul#	96
29) Benzo(g,h,i)perylene	27.339	276	1303	0.025	ng/ul#	52

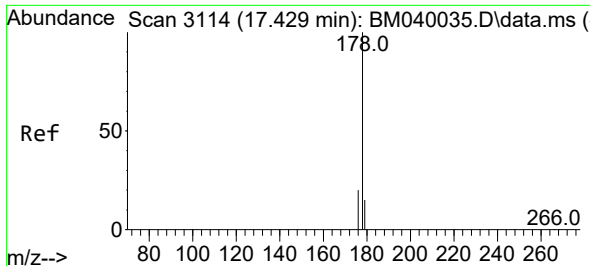
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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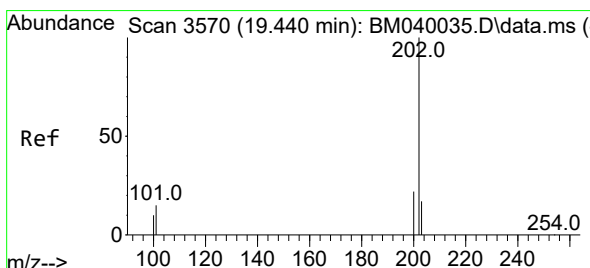
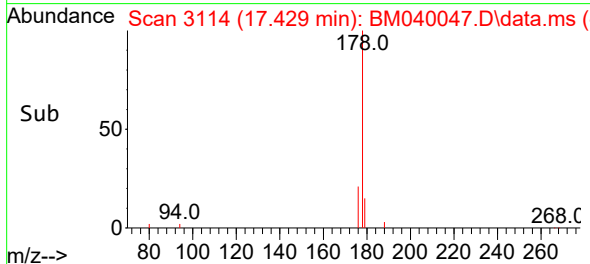
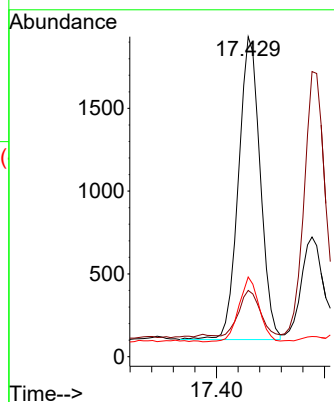
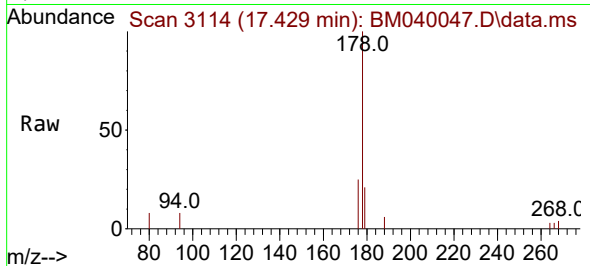




#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

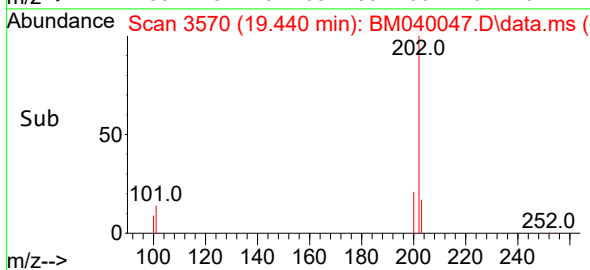
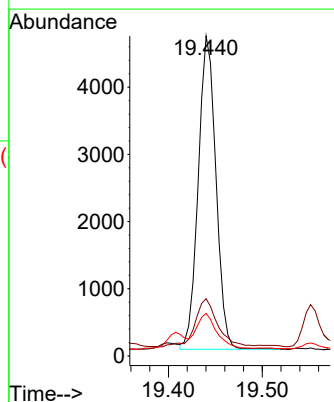
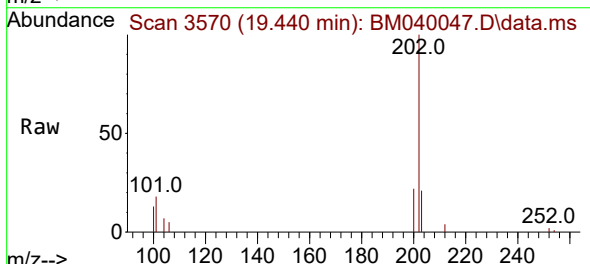
Instrument :
BNA_M
ClientSampleId :
H0FK4

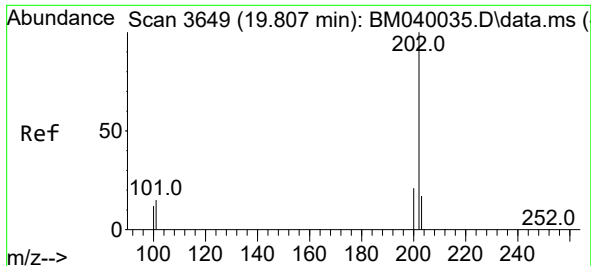
Tgt Ion:178 Resp: 2562
Ion Ratio Lower Upper
178 100
179 20.7 12.4 18.6#
176 24.9 16.3 24.5#



#19
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

Tgt Ion:202 Resp: 6112
Ion Ratio Lower Upper
202 100
101 17.9 11.5 17.3#
100 13.3 8.5 12.7#

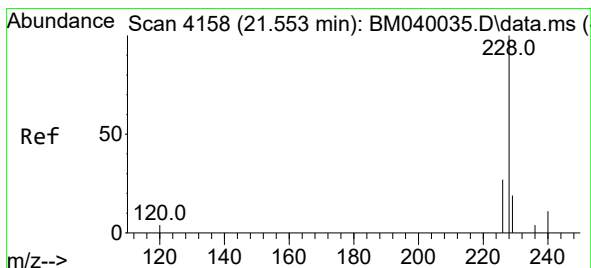
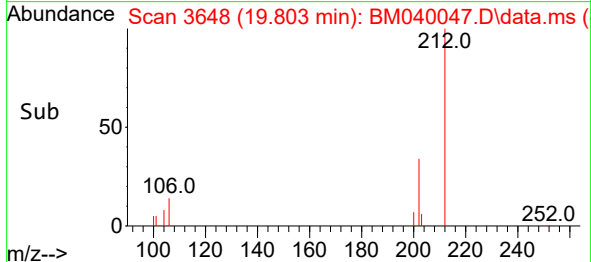
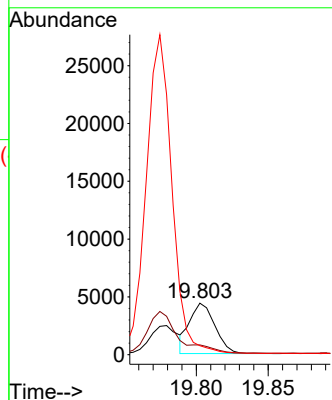
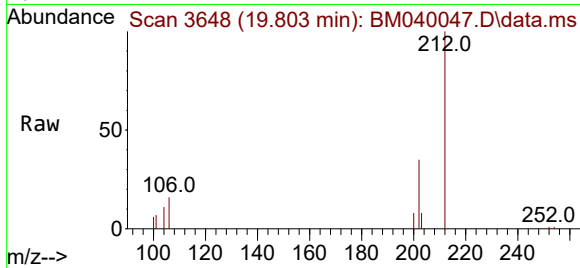




#20
Pyrene
Concen: 0.079 ng/ul
RT: 19.803 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

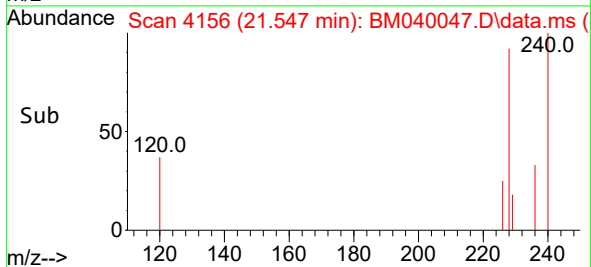
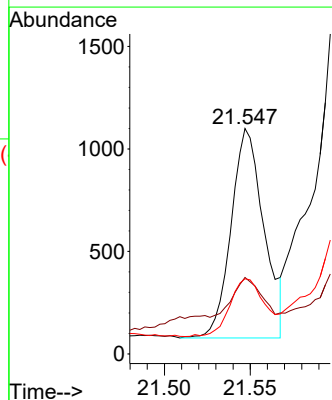
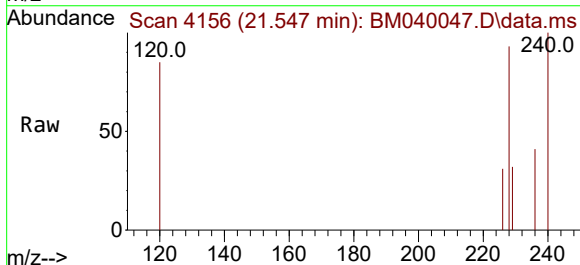
Instrument :
BNA_M
ClientSampleId :
H0FK4

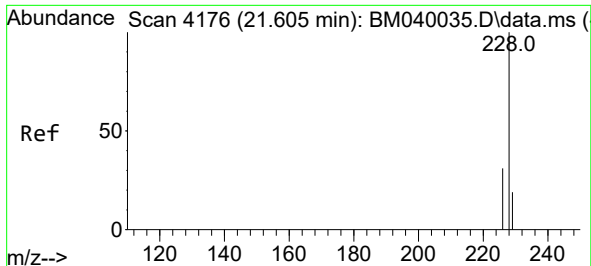
Tgt Ion:202 Resp: 5352
Ion Ratio Lower Upper
202 100
101 18.9 13.3 19.9
100 17.3 10.9 16.3#



#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

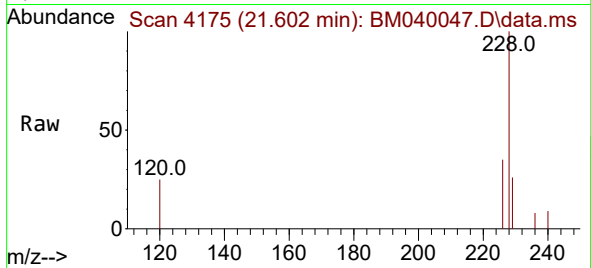
Tgt Ion:228 Resp: 1361
Ion Ratio Lower Upper
228 100
229 33.9 15.6 23.4#
226 33.4 22.5 33.7



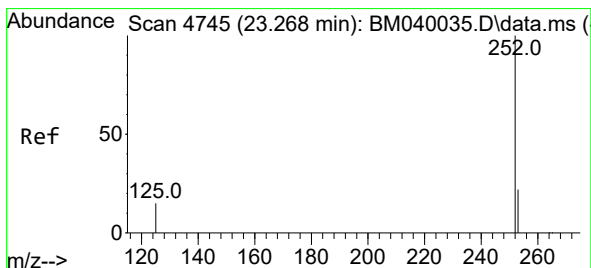
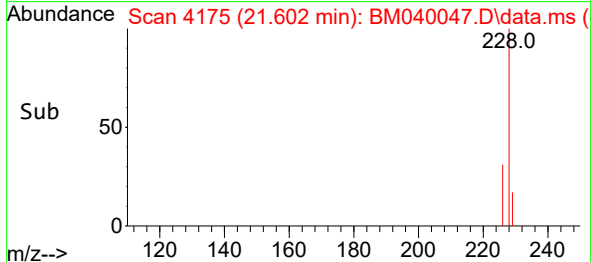
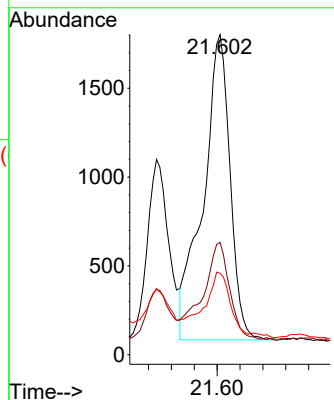


#22
Chrysene
Concen: 0.053 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

Instrument :
BNA_M
ClientSampleId :
H0FK4

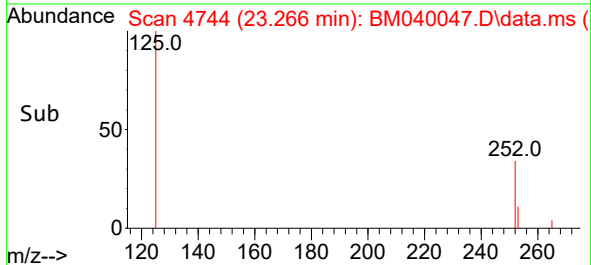
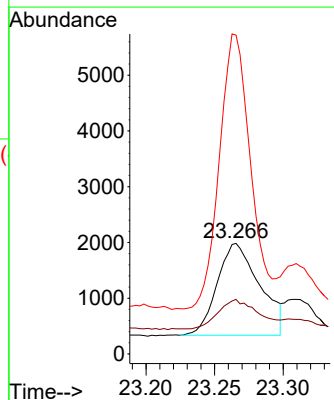
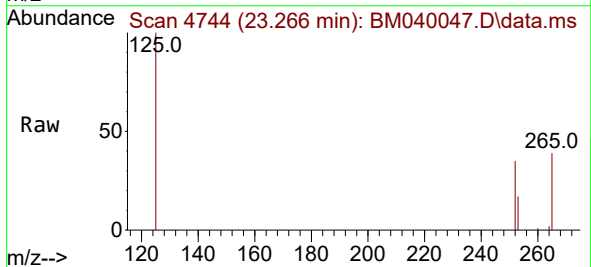


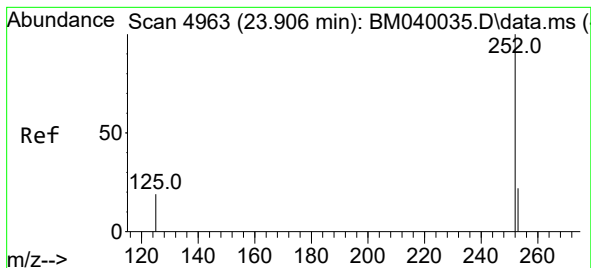
Tgt Ion:228 Resp: 2811
Ion Ratio Lower Upper
228 100
226 35.1 24.6 36.8
229 25.5 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul
RT: 23.266 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

Tgt Ion:252 Resp: 3554
Ion Ratio Lower Upper
252 100
253 49.4 0.0 49.8
125 288.3 0.0 39.2#





#26

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.900 min Scan# 4963

Delta R.T. -0.015 min

Lab File: BM040047.D

Acq: 26 May 2023 21:27

Instrument :

BNA_M

ClientSampleId :

H0FK4

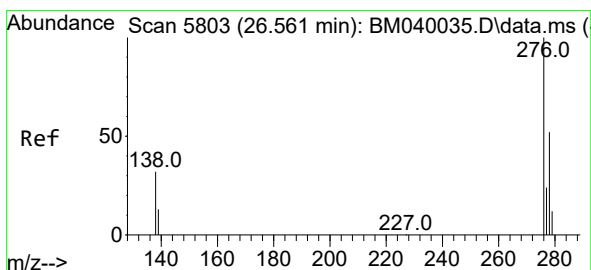
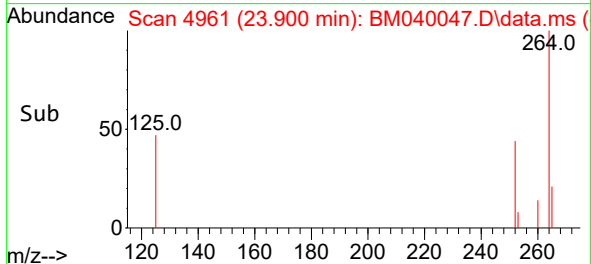
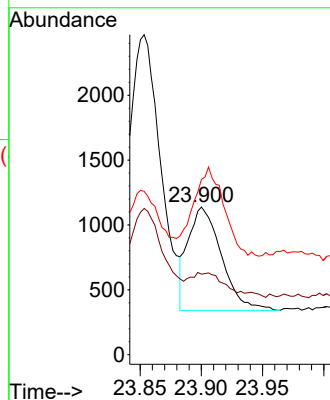
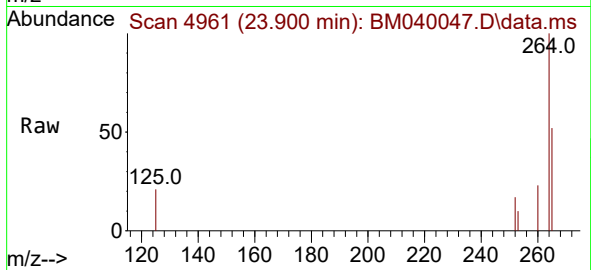
Tgt Ion:252 Resp: 1506

Ion Ratio Lower Upper

252 100

253 54.6 20.6 31.0#

125 118.8 19.1 28.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng/ul

RT: 26.558 min Scan# 5802

Delta R.T. -0.013 min

Lab File: BM040047.D

Acq: 26 May 2023 21:27

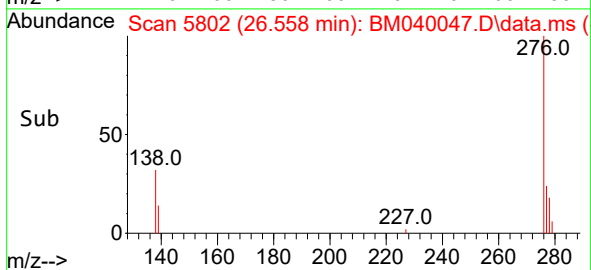
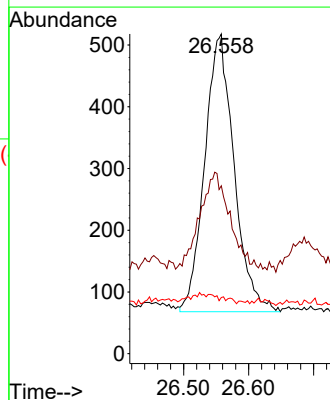
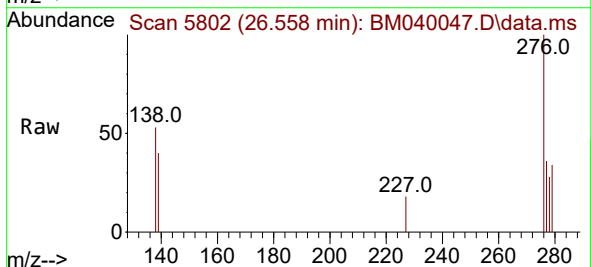
Tgt Ion:276 Resp: 1410

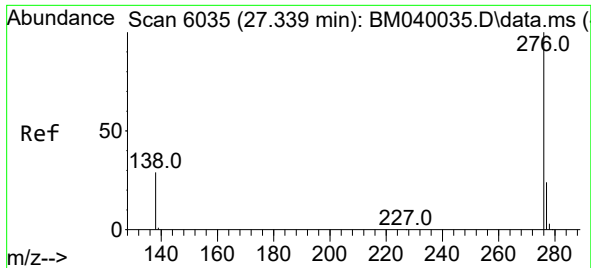
Ion Ratio Lower Upper

276 100

138 36.2 26.9 40.3

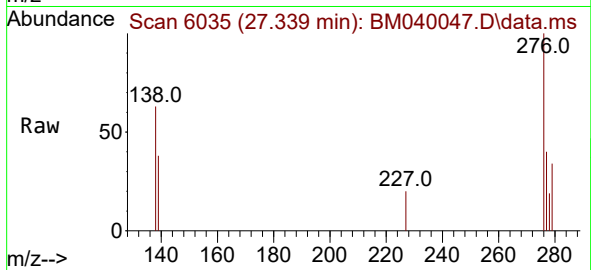
227 0.0 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 27.339 min Scan# 6035
 Delta R.T. -0.017 min
 Lab File: BM040047.D
 Acq: 26 May 2023 21:27

Instrument :
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 ClientSampleId :
 H0FK4



Tgt Ion:276 Resp: 1303
 Ion Ratio Lower Upper
 276 100
 138 63.4 23.9 35.9#
 277 39.6 19.5 29.3#

