

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040043.D
 Acq On : 26 May 2023 19:01
 Operator : CG/JU
 Sample : 02851-07
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK0

Quant Time: May 27 00:12:03 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)

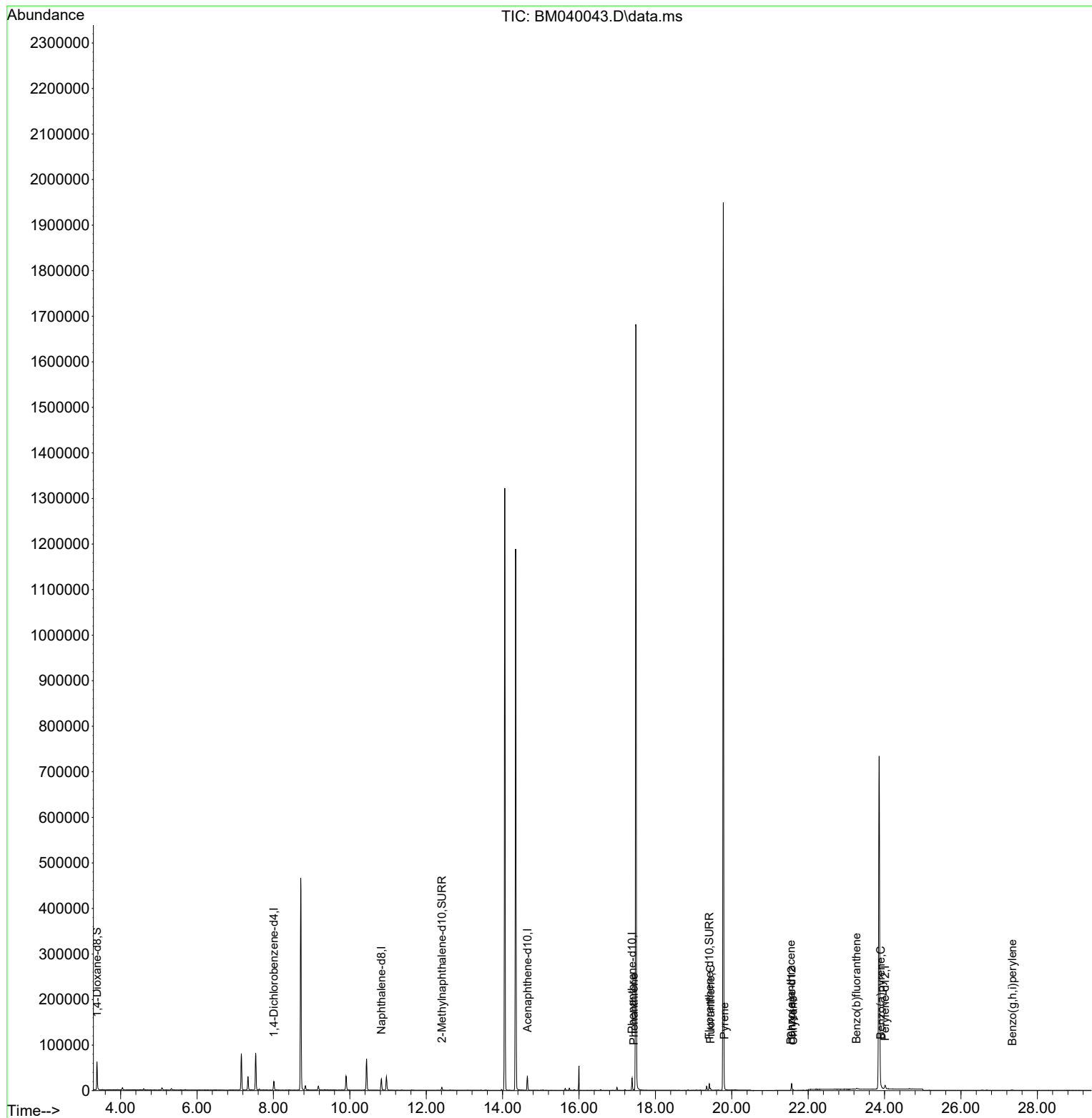
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	33152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.650	164	16082	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	28667	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	12824	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	12135	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	38358	3.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.410	152	8273	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	13999	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.432	178	1662	0.020	ng/ul#	85
19) Fluoranthene	19.443	202	3490	0.060	ng/ul	94
20) Pyrene	19.806	202	3268	0.056	ng/ul#	92
21) Benzo(a)anthracene	21.548	228	918	0.021	ng/ul#	81
22) Chrysene	21.604	228	1568	0.034	ng/ul#	87
24) Benzo(b)fluoranthene	23.267	252	2076	0.043	ng/ul#	1
26) Benzo(a)pyrene	23.902	252	1192	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.341	276	1006	0.021	ng/ul#	1

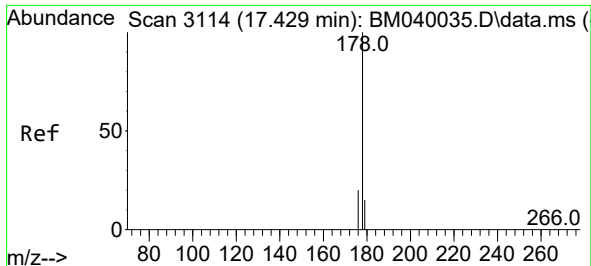
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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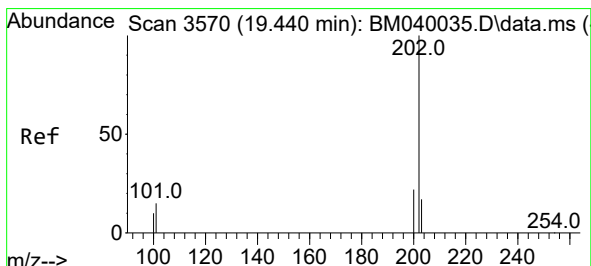
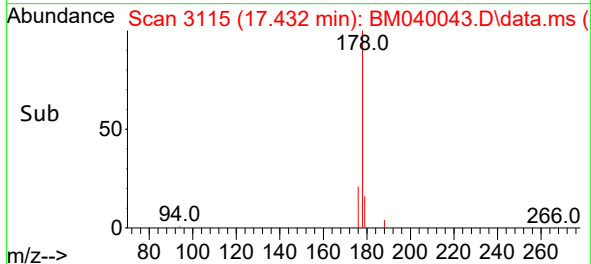
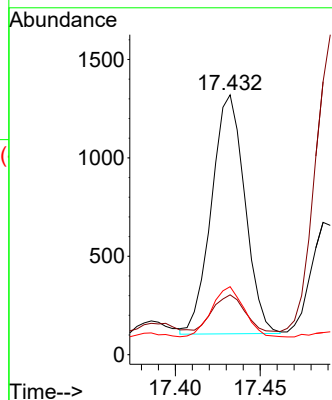
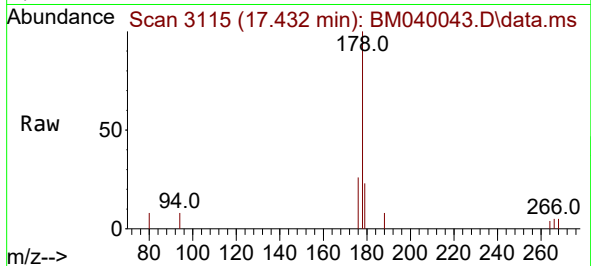




#15
Phenanthrene
Concen: 0.020 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BM040043.D
Acq: 26 May 2023 19:01

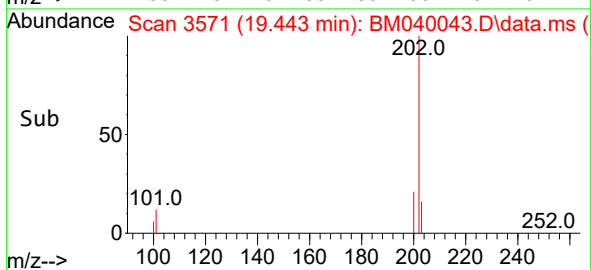
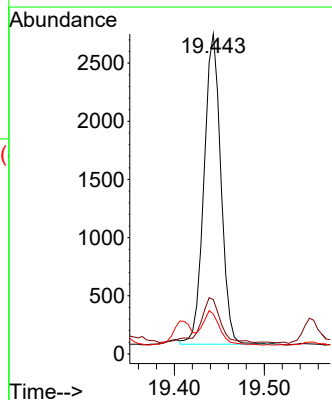
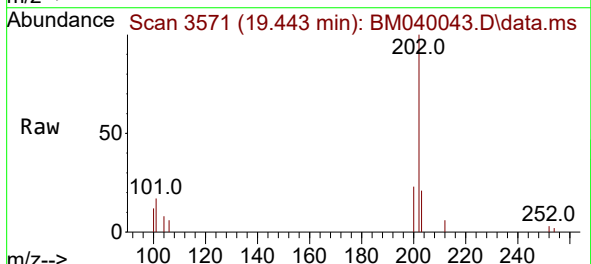
Instrument :
BNA_M
ClientSampleId :
H0FK0

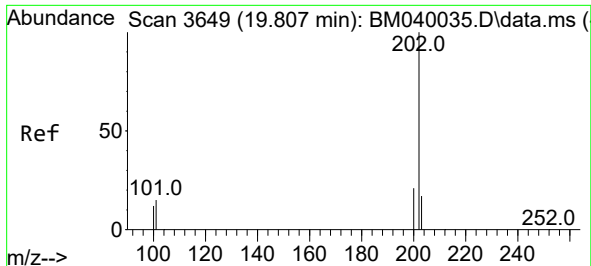
Tgt Ion:178 Resp: 1662
Ion Ratio Lower Upper
178 100
179 23.0 12.4 18.6#
176 26.1 16.3 24.5#



#19
Fluoranthene
Concen: 0.060 ng/ul
RT: 19.443 min Scan# 3571
Delta R.T. -0.001 min
Lab File: BM040043.D
Acq: 26 May 2023 19:01

Tgt Ion:202 Resp: 3490
Ion Ratio Lower Upper
202 100
101 17.0 11.5 17.3
100 12.4 8.5 12.7

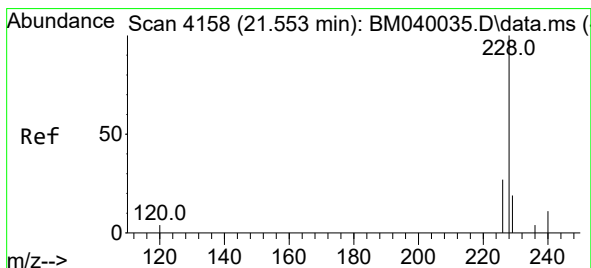
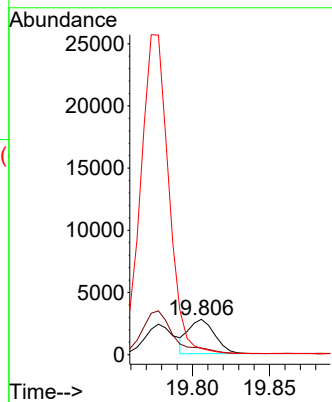
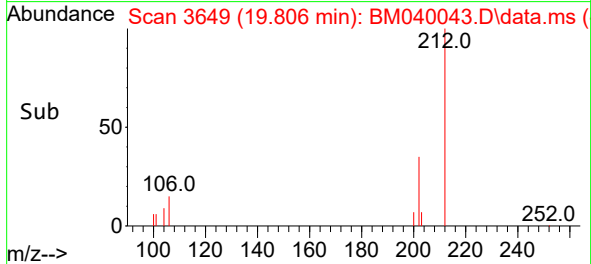
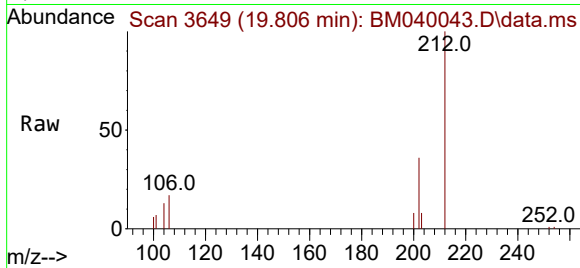




#20
Pyrene
Concen: 0.056 ng/ul
RT: 19.806 min Scan# 3649
Delta R.T. -0.001 min
Lab File: BM040043.D
Acq: 26 May 2023 19:01

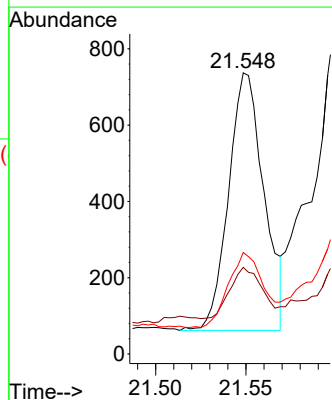
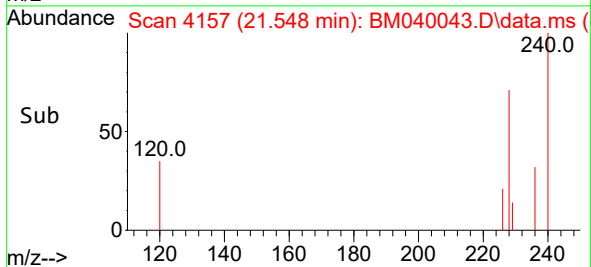
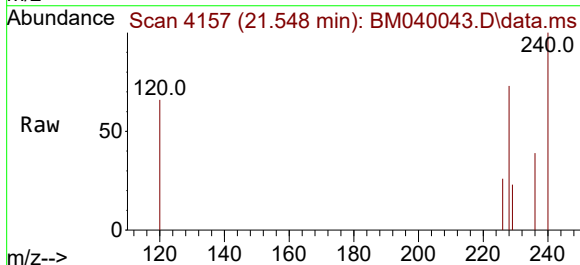
Instrument :
BNA_M
ClientSampleId :
H0FK0

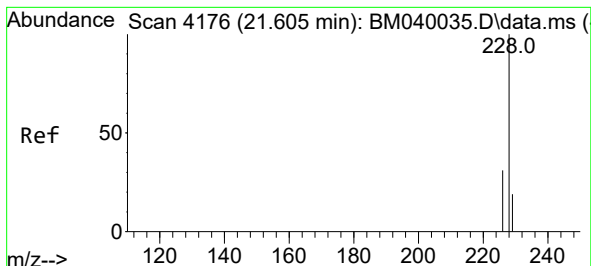
Tgt Ion:202 Resp: 3268
Ion Ratio Lower Upper
202 100
101 19.0 13.3 19.9
100 17.7 10.9 16.3#



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.548 min Scan# 4157
Delta R.T. -0.007 min
Lab File: BM040043.D
Acq: 26 May 2023 19:01

Tgt Ion:228 Resp: 918
Ion Ratio Lower Upper
228 100
229 30.8 15.6 23.4#
226 36.1 22.5 33.7#





#22

Chrysene

Concen: 0.034 ng/ul

RT: 21.604 min Scan# 4176

Delta R.T. -0.007 min

Lab File: BM040043.D

Acq: 26 May 2023 19:01

Instrument :

BNA_M

ClientSampleId :

H0FK0

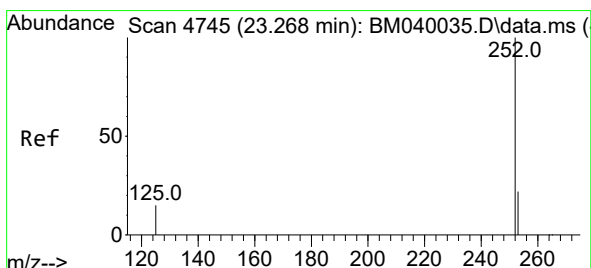
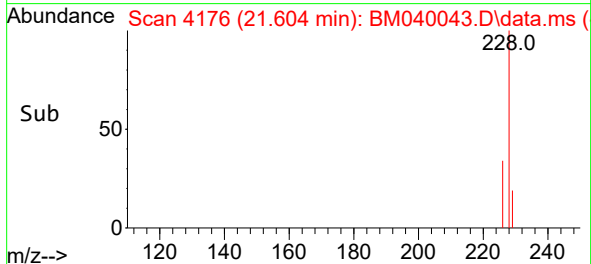
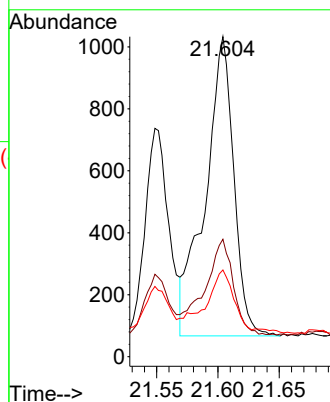
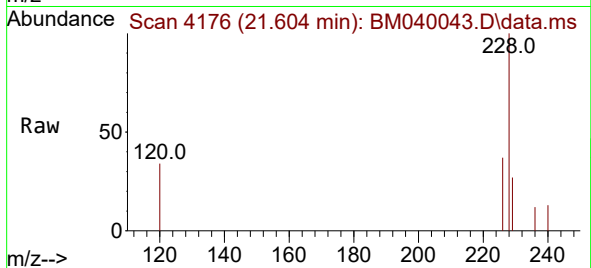
Tgt Ion:228 Resp: 1568

Ion Ratio Lower Upper

228 100

226 36.7 24.6 36.8

229 27.1 15.6 23.4#



#24

Benzo(b)fluoranthene

Concen: 0.043 ng/ul

RT: 23.267 min Scan# 4745

Delta R.T. -0.007 min

Lab File: BM040043.D

Acq: 26 May 2023 19:01

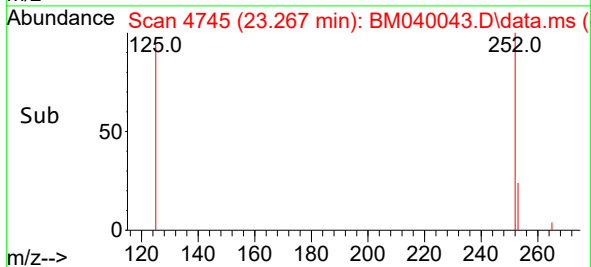
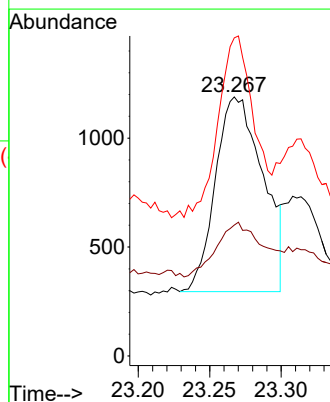
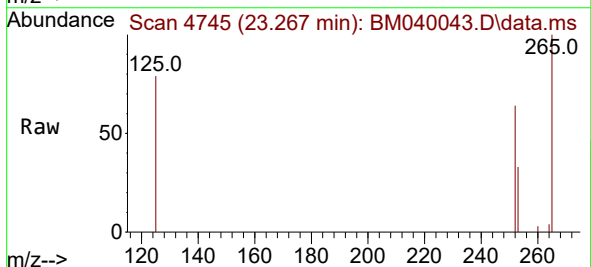
Tgt Ion:252 Resp: 2076

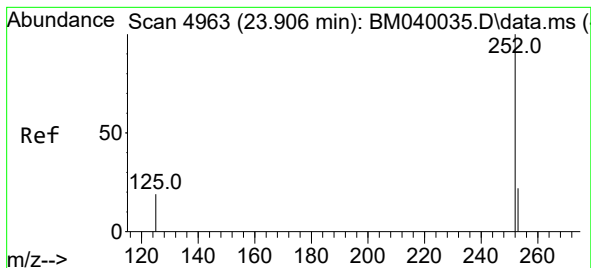
Ion Ratio Lower Upper

252 100

253 50.5 0.0 49.8#

125 122.8 0.0 39.2#





#26

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 23.902 min Scan# 4963

Delta R.T. -0.013 min

Lab File: BM040043.D

Acq: 26 May 2023 19:01

Instrument :

BNA_M

ClientSampleId :

H0FK0

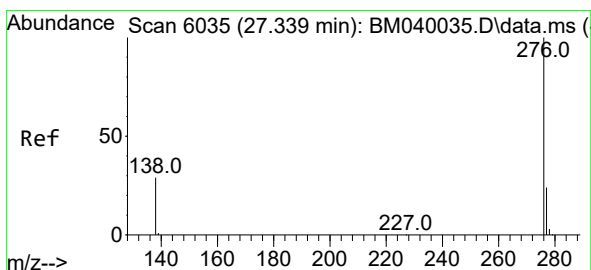
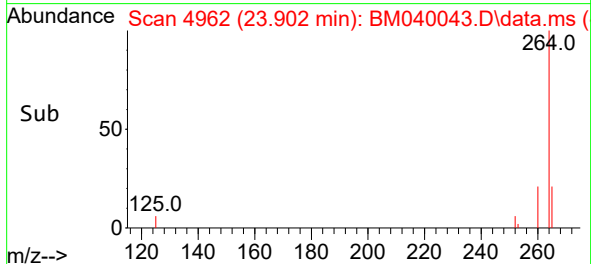
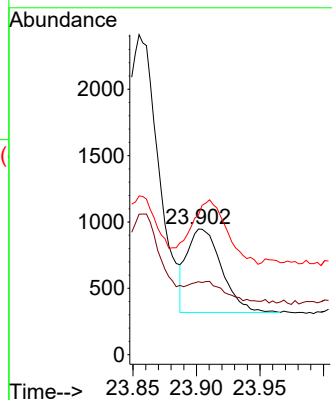
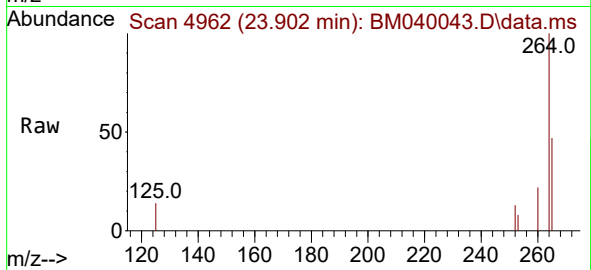
Tgt Ion:252 Resp: 1192

Ion Ratio Lower Upper

252 100

253 58.1 20.6 31.0#

125 111.1 19.1 28.7#



#29

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 27.341 min Scan# 6036

Delta R.T. -0.015 min

Lab File: BM040043.D

Acq: 26 May 2023 19:01

Tgt Ion:276 Resp: 1006

Ion Ratio Lower Upper

276 100

138 164.2 23.9 35.9#

277 42.1 19.5 29.3#

