

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041842.D
 Acq On : 13 Sep 2023 22:28
 Operator : MA/JU
 Sample : 04235-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD8DL

Quant Time: Sep 14 03:38:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

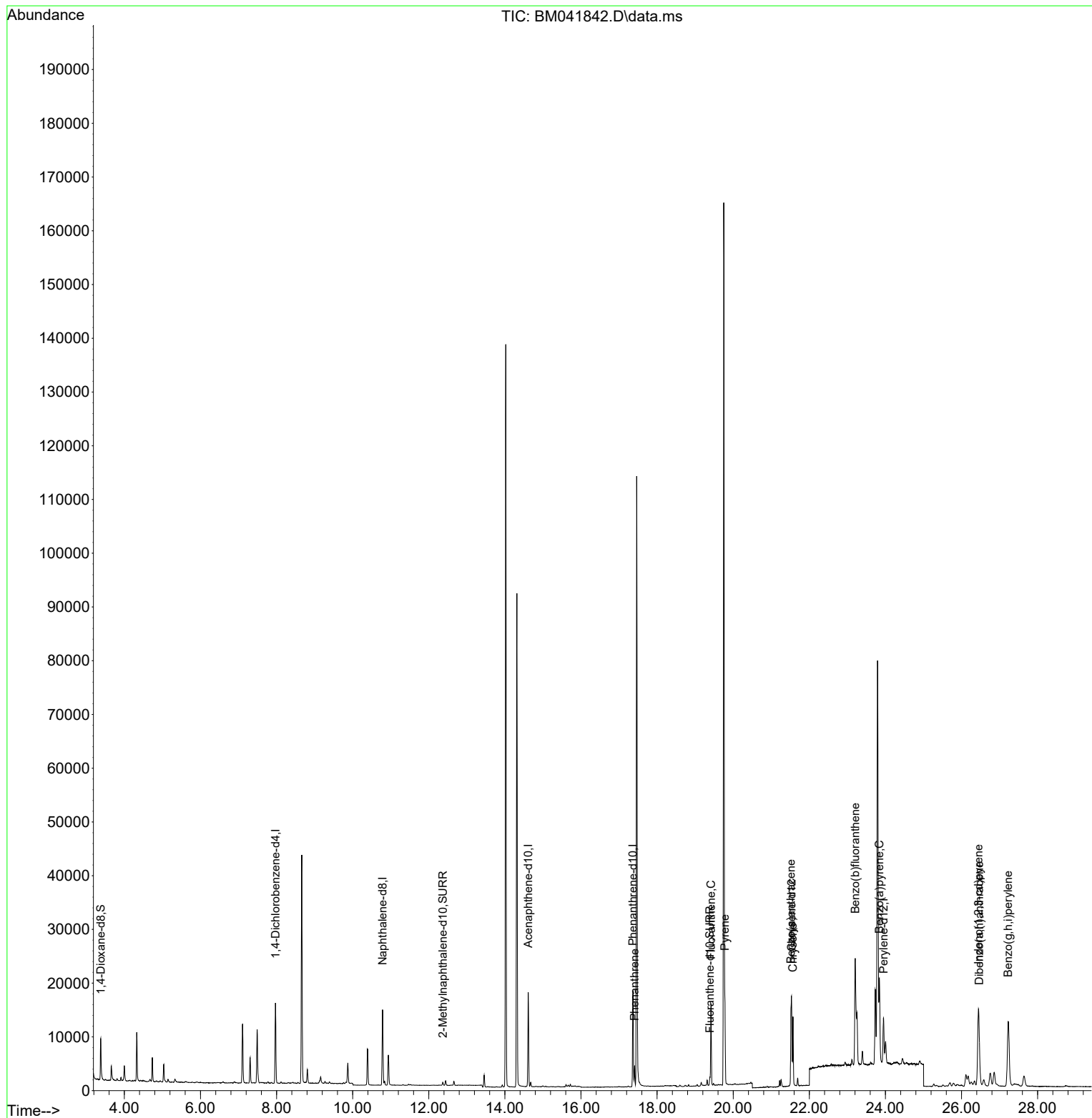
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	18343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	18301	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	9861	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	10959	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4942	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	707	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1245	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.409	178	3976	0.050	ng/ul	96
19) Fluoranthene	19.417	202	12112	0.159	ng/ul	99
20) Pyrene	19.780	202	12441	0.156	ng/ul#	94
21) Benzo(a)anthracene	21.518	228	10826	0.166	ng/ul	99
22) Chrysene	21.571	228	12443	0.187	ng/ul	98
24) Benzo(b)fluoranthene	23.208	252	33334	0.427	ng/ul	98
26) Benzo(a)pyrene	23.842	252	21891	0.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.444	276	25390	0.278	ng/ul	94
28) Dibenzo(a,h)anthracene	26.465	278	5968	0.088	ng/ul#	87
29) Benzo(g,h,i)perylene	27.226	276	26507	0.343	ng/ul	98

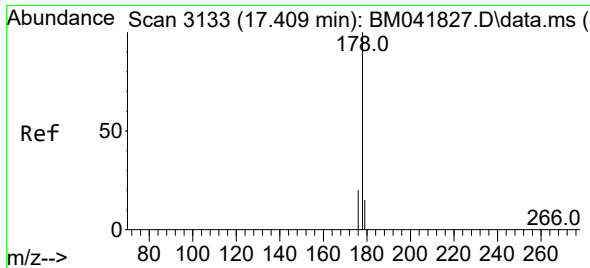
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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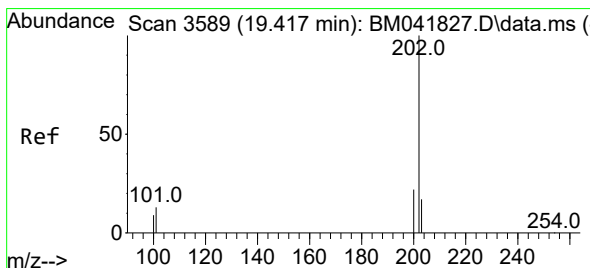
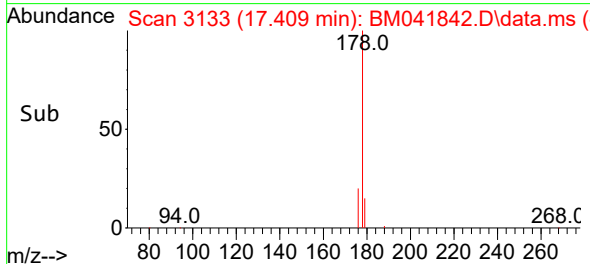
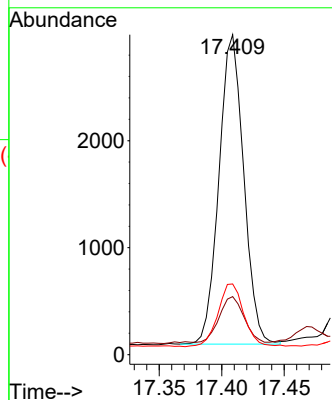
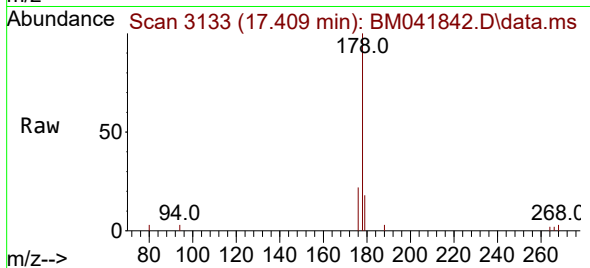




#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

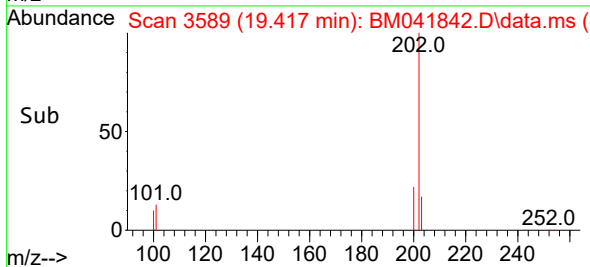
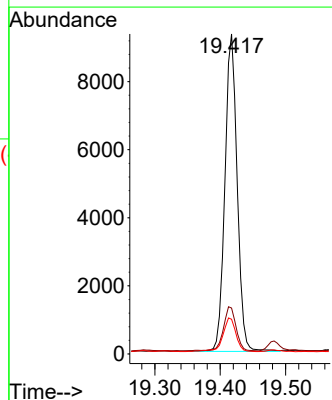
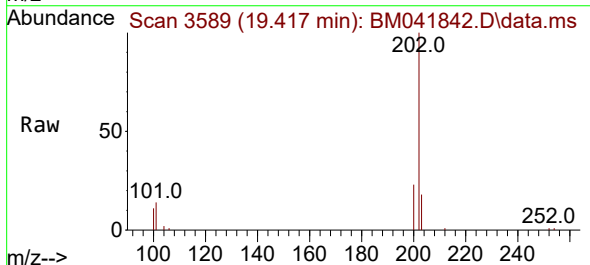
Instrument :
BNA_M
ClientSampleId :
EZYD8DL

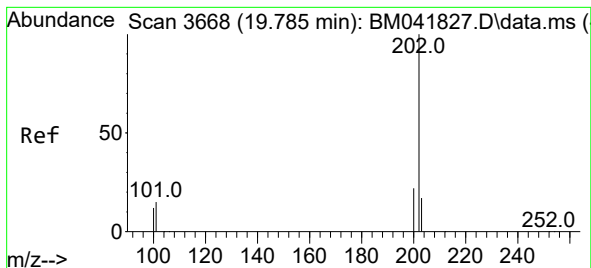
Tgt Ion:	178	Resp:	3976
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.6	19.0
176	22.1	16.6	25.0



#19
Fluoranthene
Concen: 0.159 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041842.D
Acq: 13 Sep 2023 22:28

Tgt Ion:	202	Resp:	12112
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.0	16.6
100	10.9	8.2	12.4





#20

Pyrene

Concen: 0.156 ng/ul

RT: 19.780 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL

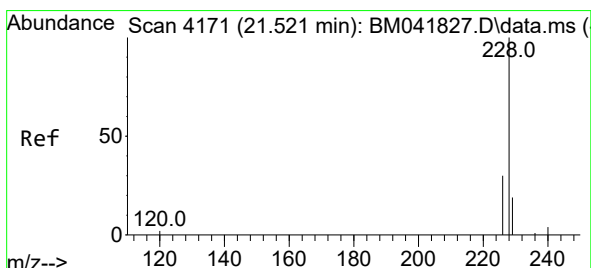
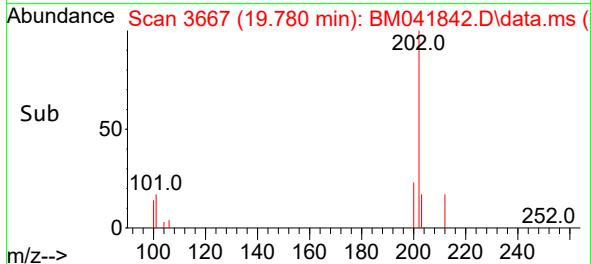
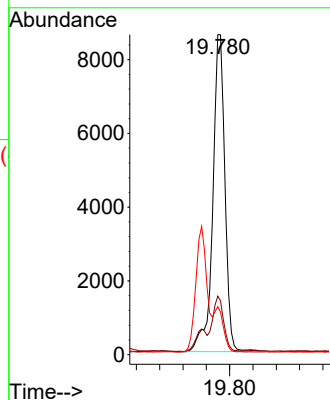
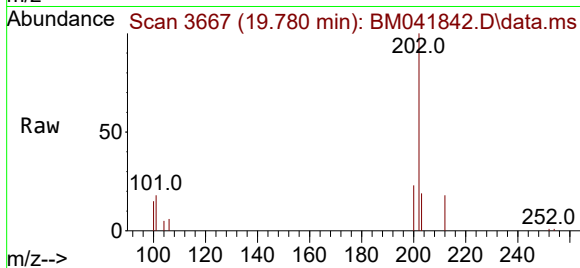
Tgt Ion:202 Resp: 12441

Ion Ratio Lower Upper

202 100

101 18.3 12.6 19.0

100 15.0 9.9 14.9#



#21

Benzo(a)anthracene

Concen: 0.166 ng/ul

RT: 21.518 min Scan# 4170

Delta R.T. -0.003 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

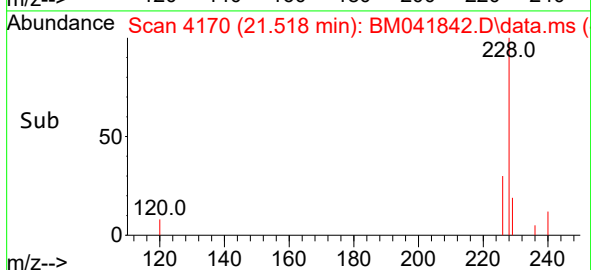
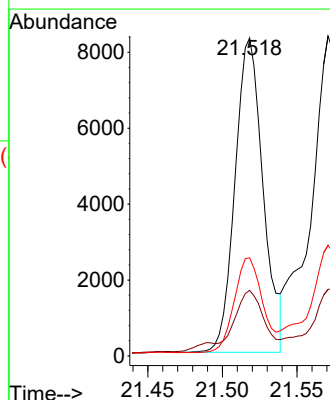
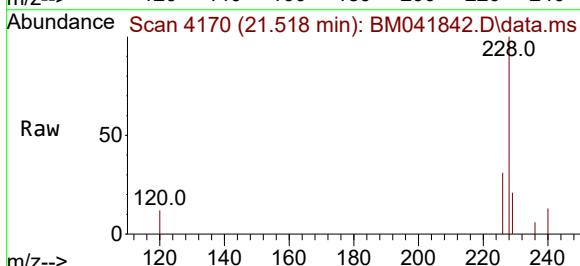
Tgt Ion:228 Resp: 10826

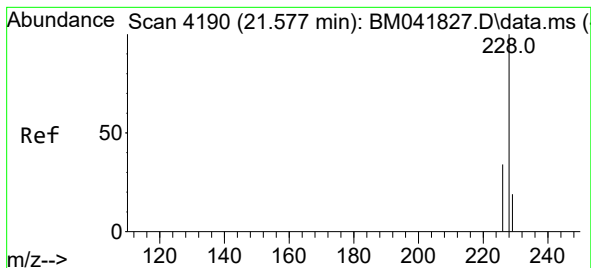
Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.8

226 30.8 24.3 36.5





#22

Chrysene

Concen: 0.187 ng/ul

RT: 21.571 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL

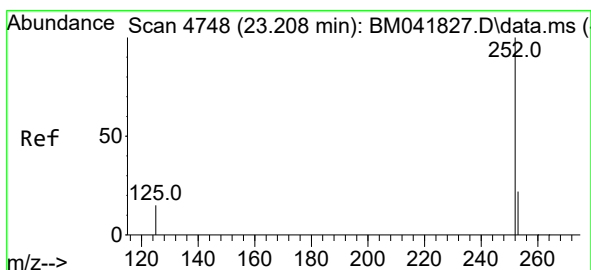
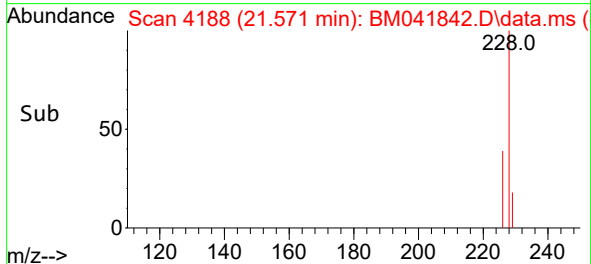
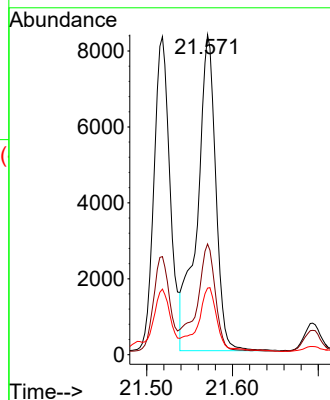
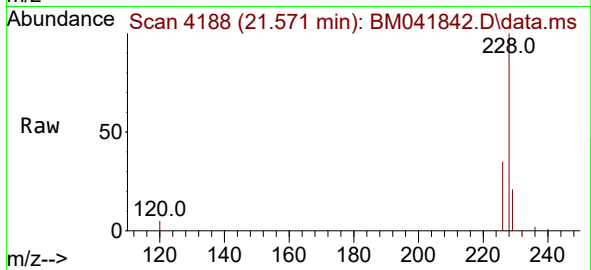
Tgt Ion:228 Resp: 12443

Ion Ratio Lower Upper

228 100

226 34.6 27.0 40.4

229 20.8 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.427 ng/ul

RT: 23.208 min Scan# 4748

Delta R.T. -0.000 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

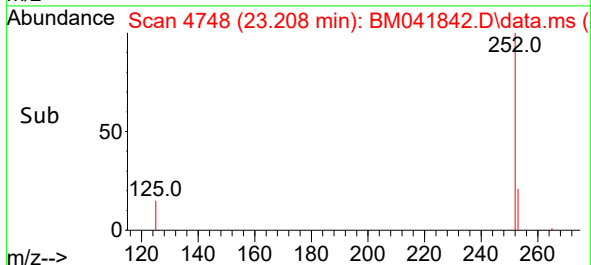
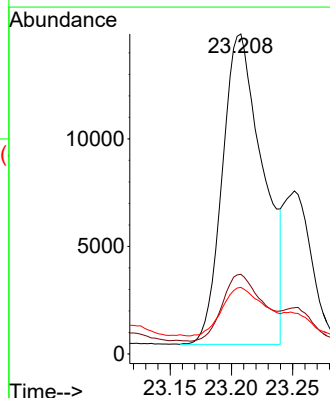
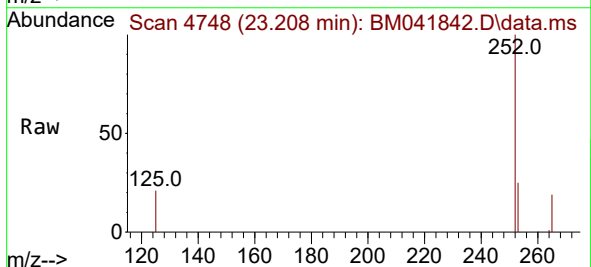
Tgt Ion:252 Resp: 33334

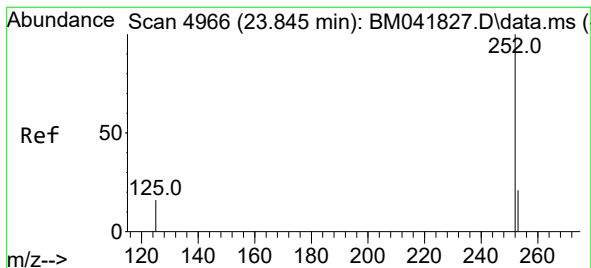
Ion Ratio Lower Upper

252 100

253 24.9 0.0 51.0

125 20.8 0.0 39.8





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.842 min Scan# 4966

Delta R.T. -0.003 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL

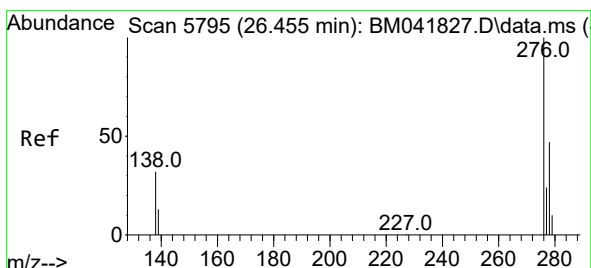
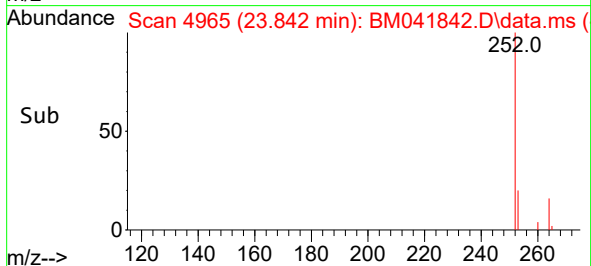
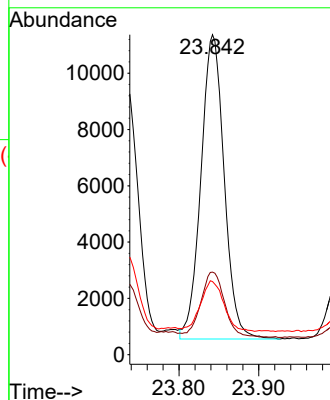
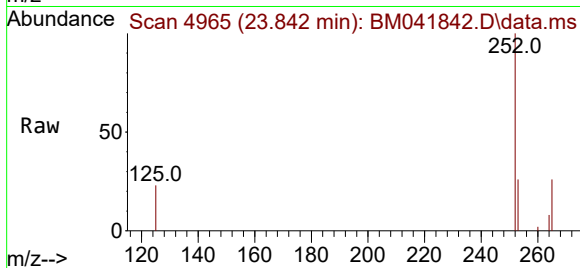
Tgt Ion:252 Resp: 21891

Ion Ratio Lower Upper

252 100

253 25.8 21.8 32.8

125 22.9 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.278 ng/ul

RT: 26.444 min Scan# 5792

Delta R.T. -0.010 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

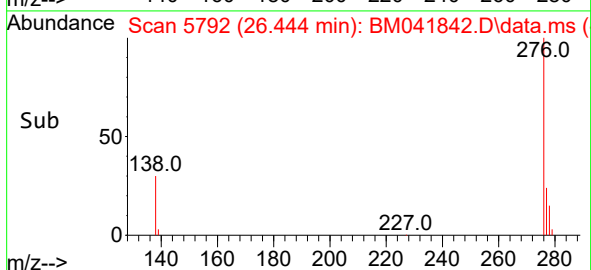
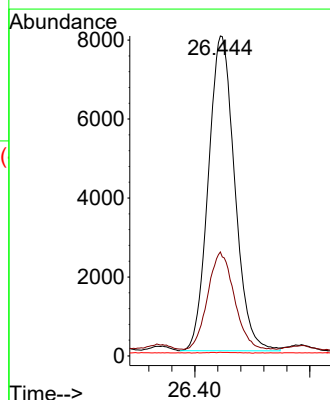
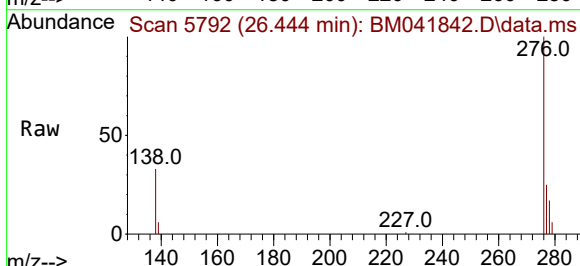
Tgt Ion:276 Resp: 25390

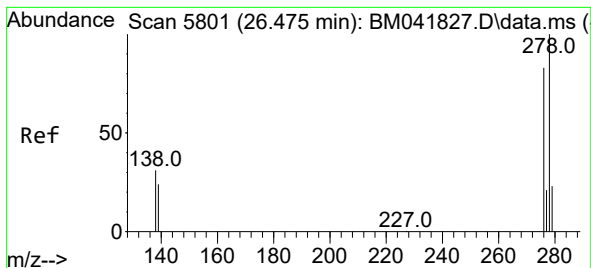
Ion Ratio Lower Upper

276 100

138 31.3 27.7 41.5

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.088 ng/ul

RT: 26.465 min Scan# 5

Delta R.T. -0.010 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Instrument :

BNA_M

ClientSampleId :

EZYD8DL

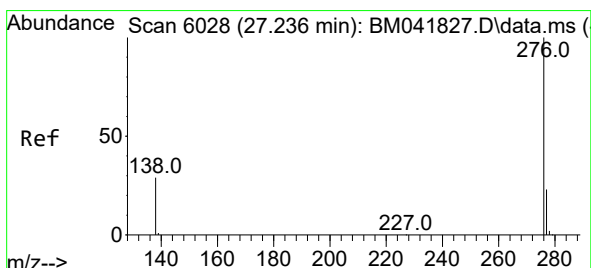
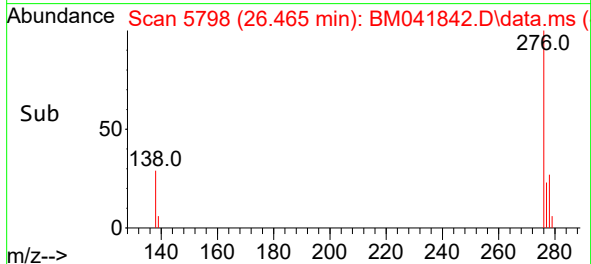
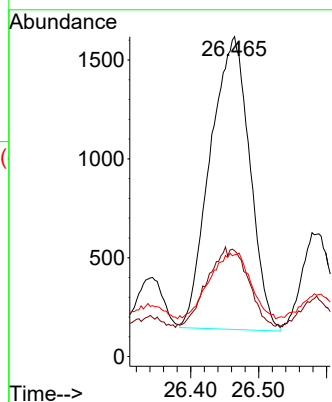
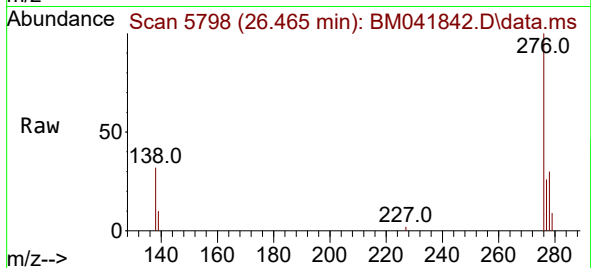
Tgt Ion:278 Resp: 5968

Ion Ratio Lower Upper

278 100

139 33.1 20.9 31.3#

279 31.8 20.3 30.5#



#29

Benzo(g,h,i)perylene

Concen: 0.343 ng/ul

RT: 27.226 min Scan# 6025

Delta R.T. -0.010 min

Lab File: BM041842.D

Acq: 13 Sep 2023 22:28

Tgt Ion:276 Resp: 26507

Ion Ratio Lower Upper

276 100

138 32.9 24.7 37.1

277 24.5 19.3 28.9

