

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040842.D
 Acq On : 12 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46F5

Quant Time: Jul 13 00:13:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

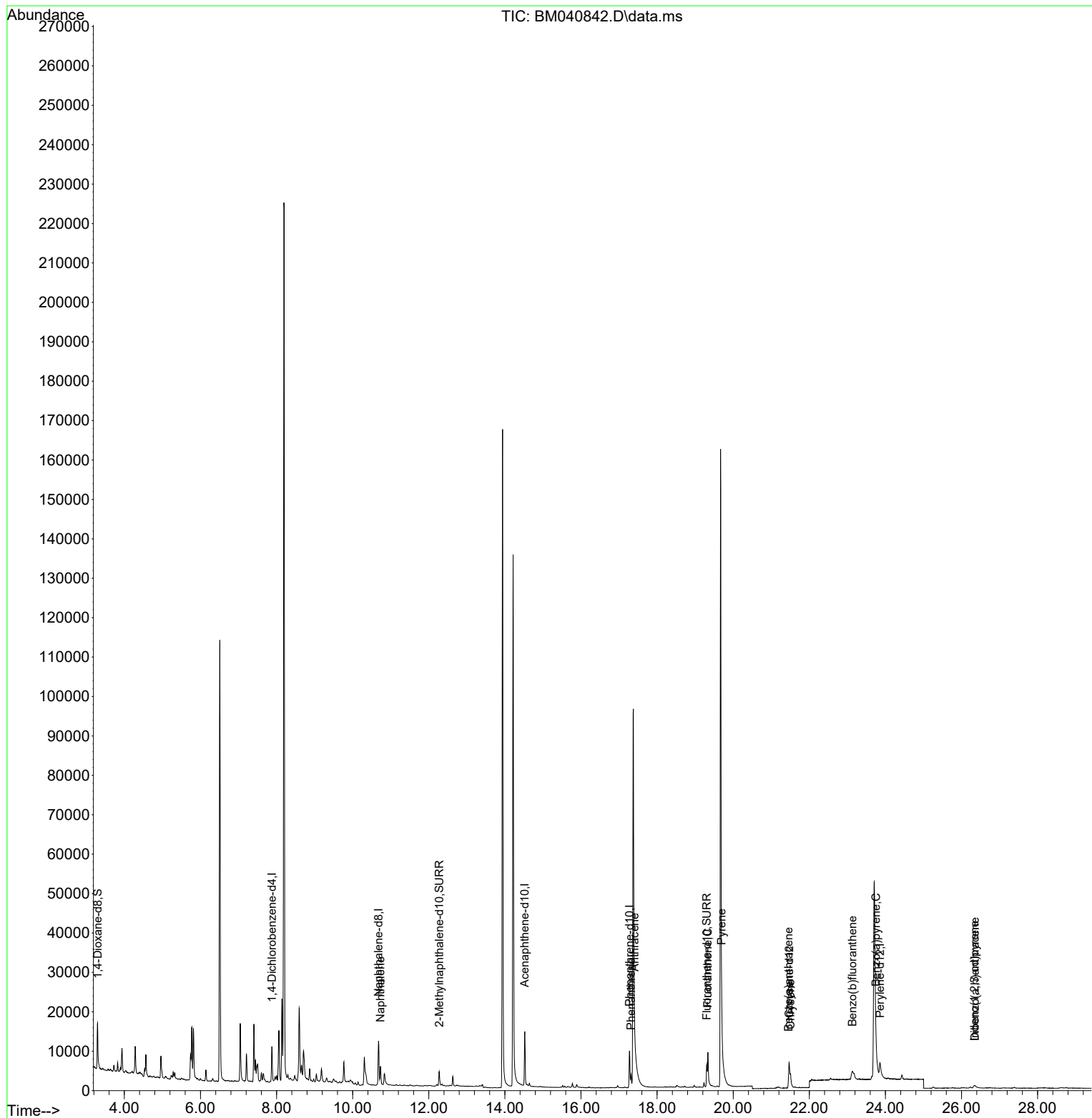
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	16897	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	7830	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	12801	0.400	ng/ul	-0.02
17) Chrysene-d12	21.469	240	8046	0.400	ng/ul	-0.01
23) Perylene-d12	23.857	264	5770	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	7533	1.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	5969	0.252	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	7709	0.299	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	6851	0.147	ng/ul	96
15) Phenanthrene	17.316	178	3419	0.086	ng/ul#	93
16) Anthracene	17.405	178	758	0.023	ng/ul#	47
19) Fluoranthene	19.334	202	8791	0.257	ng/ul	98
20) Pyrene	19.696	202	7377	0.201	ng/ul#	88
21) Benzo(a)anthracene	21.454	228	2798	0.103	ng/ul#	89
22) Chrysene	21.504	228	3272	0.105	ng/ul	95
24) Benzo(b)fluoranthene	23.135	252	4044	0.181	ng/ul#	65
26) Benzo(a)pyrene	23.752	252	1839	0.091	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.337	276	1862	0.066	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.351	278	550	0.025	ng/ul#	1

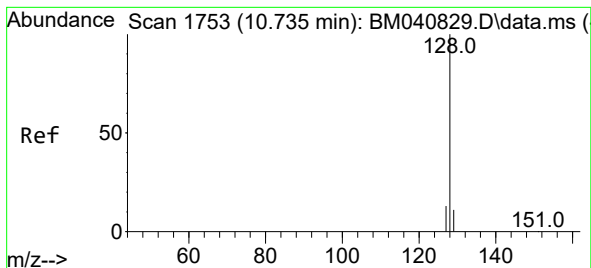
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.147 ng/ul

RT: 10.730 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM040842.D

Acq: 12 Jul 2023 18:37

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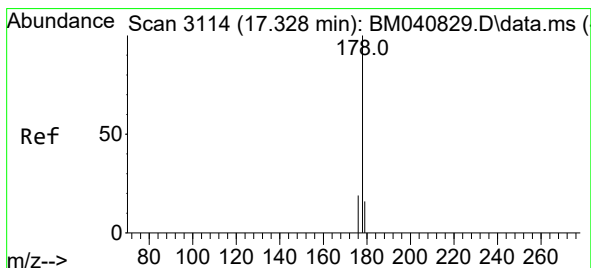
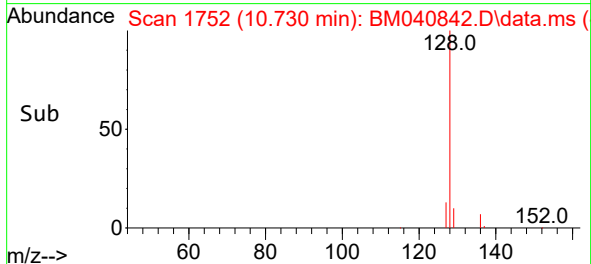
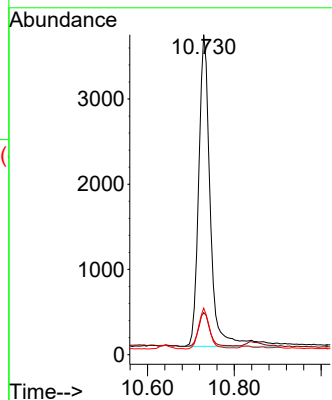
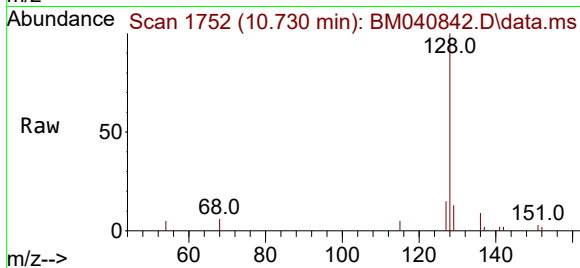
Tgt Ion:128 Resp: 6851

Ion Ratio Lower Upper

128 100

129 13.2 9.2 13.8

127 14.5 10.6 15.8



#15

Phenanthrene

Concen: 0.086 ng/ul

RT: 17.316 min Scan# 3111

Delta R.T. -0.017 min

Lab File: BM040842.D

Acq: 12 Jul 2023 18:37

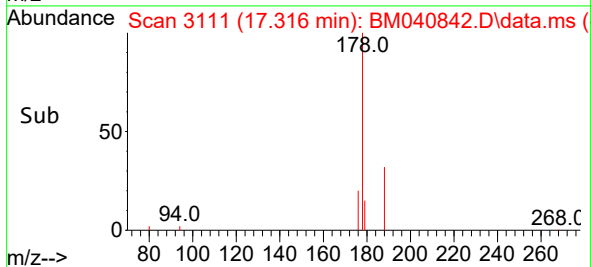
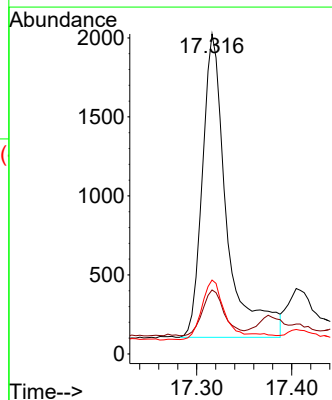
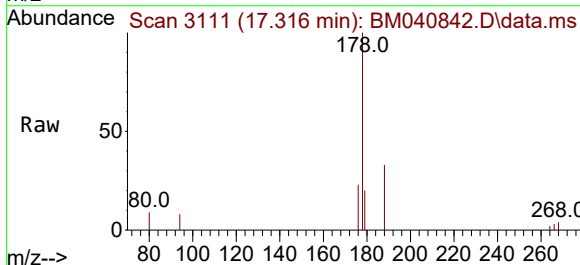
Tgt Ion:178 Resp: 3419

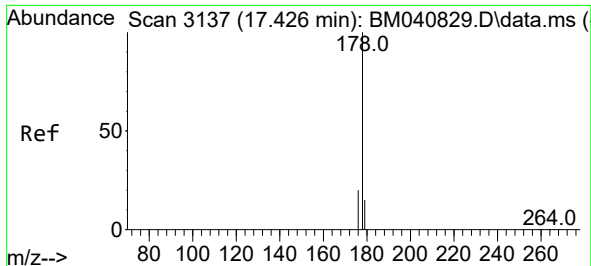
Ion Ratio Lower Upper

178 100

179 20.0 12.8 19.2#

176 23.1 16.4 24.6

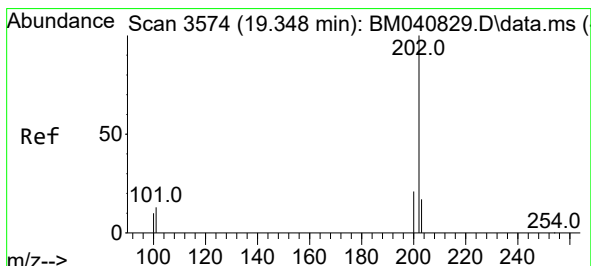
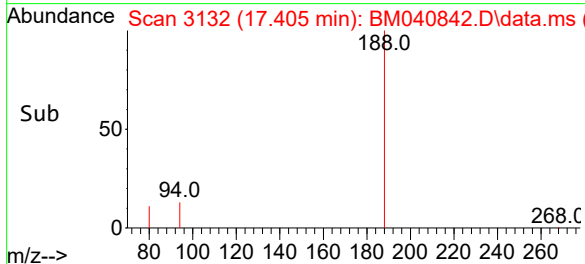
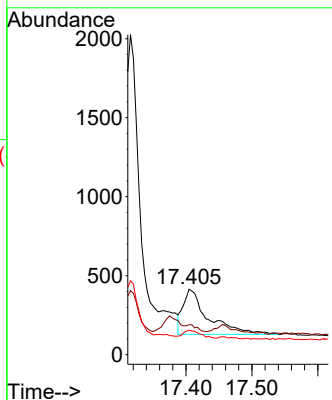
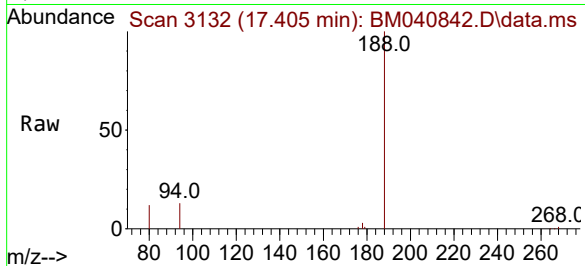




#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.405 min Scan# 3137
 Delta R.T. -0.025 min
 Lab File: BM040842.D
 Acq: 12 Jul 2023 18:37

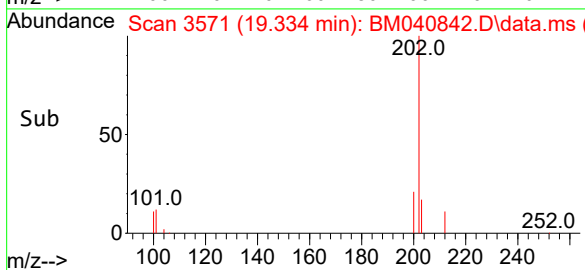
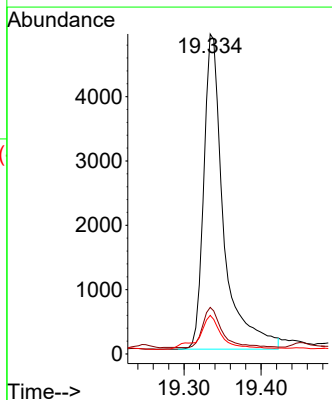
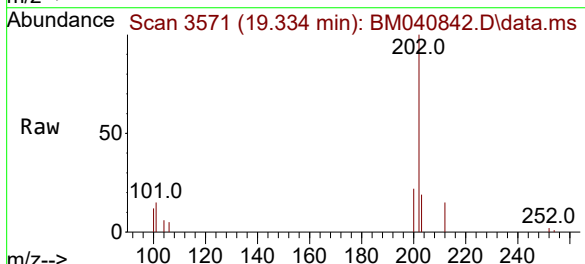
Instrument :
 BNA_M
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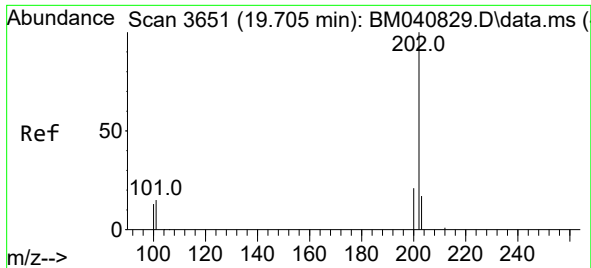
Tgt Ion:178 Resp: 758
 Ion Ratio Lower Upper
 178 100
 179 45.7 12.9 19.3#
 176 37.4 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.257 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.019 min
 Lab File: BM040842.D
 Acq: 12 Jul 2023 18:37

Tgt Ion:202 Resp: 8791
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.4 17.0
 100 12.1 8.7 13.1

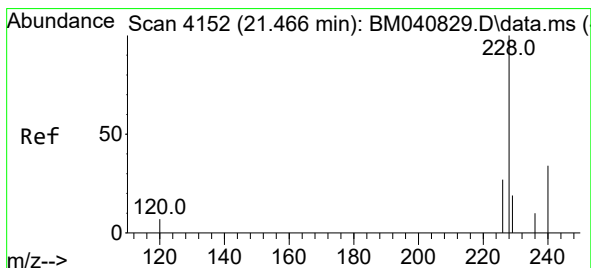
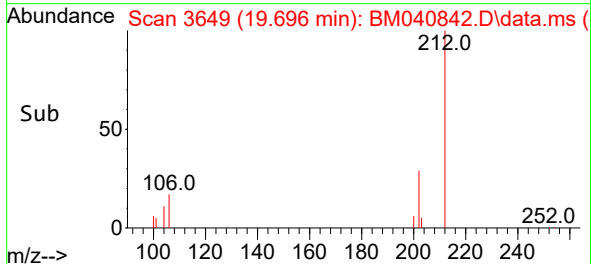
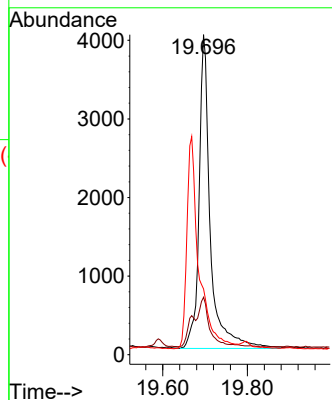
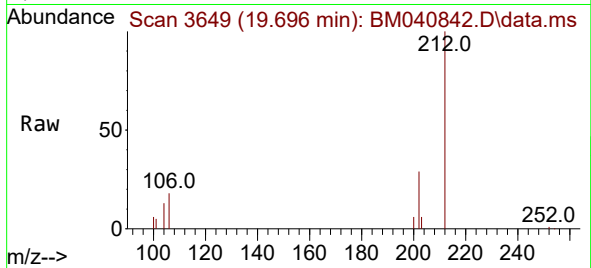




#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.696 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

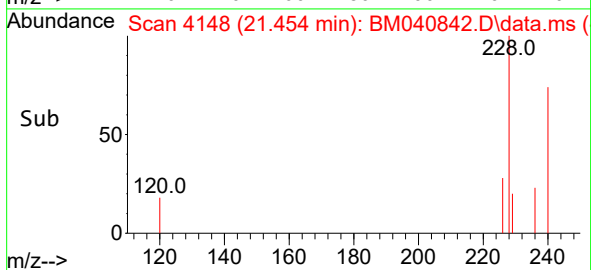
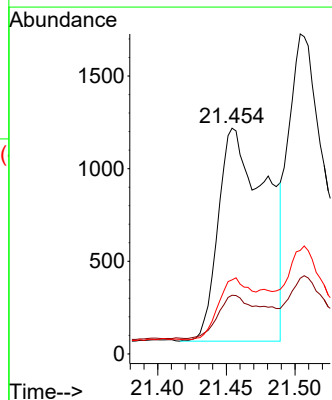
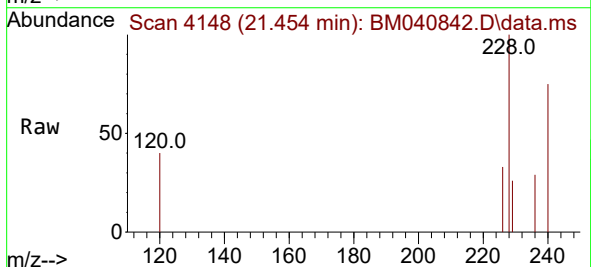
Instrument :
BNA_M
ClientSampleId :
A46F5

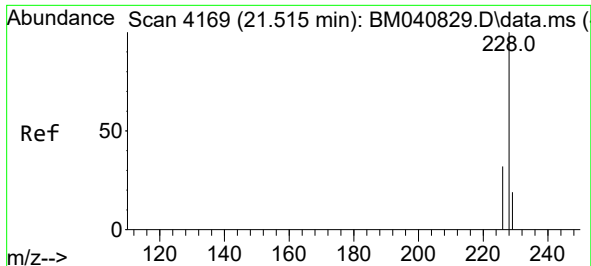
Tgt Ion:202 Resp: 7377
Ion Ratio Lower Upper
202 100
101 18.0 12.6 18.8
100 20.6 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.103 ng/ul
RT: 21.454 min Scan# 4148
Delta R.T. -0.015 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

Tgt Ion:228 Resp: 2798
Ion Ratio Lower Upper
228 100
229 26.0 16.0 24.0#
226 32.8 22.3 33.5





#22

Chrysene

Concen: 0.105 ng/ul

RT: 21.504 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM040842.D

Acq: 12 Jul 2023 18:37

Instrument :

BNA_M

ClientSampleId :

A46F5

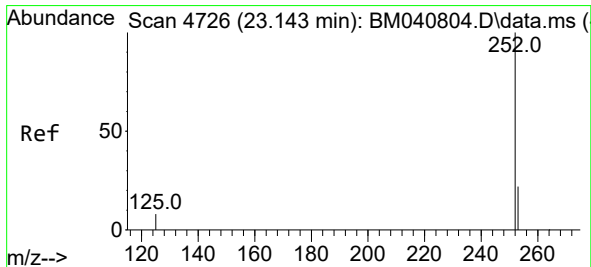
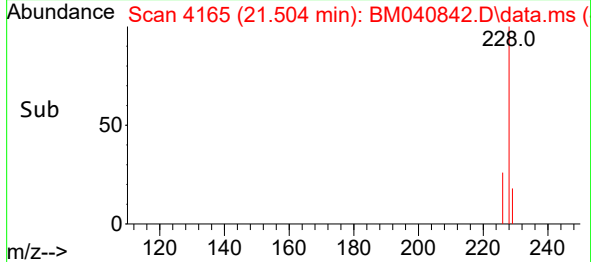
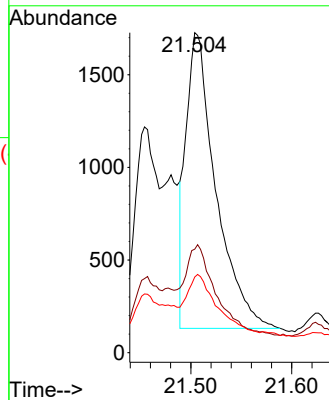
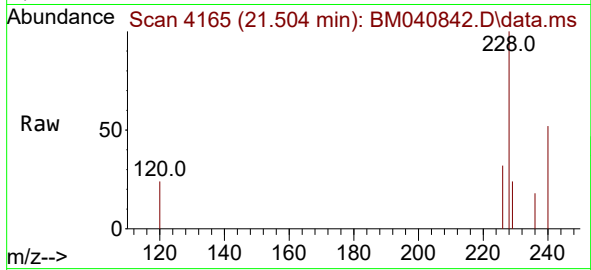
Tgt Ion:228 Resp: 3272

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

229 23.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.181 ng/ul

RT: 23.135 min Scan# 4723

Delta R.T. -0.009 min

Lab File: BM040842.D

Acq: 12 Jul 2023 18:37

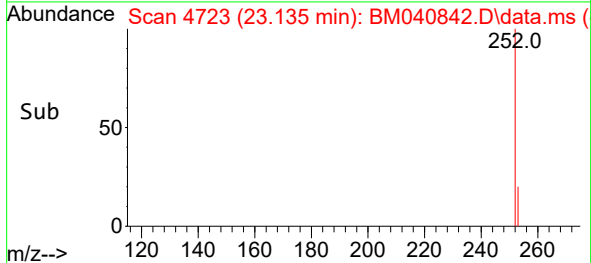
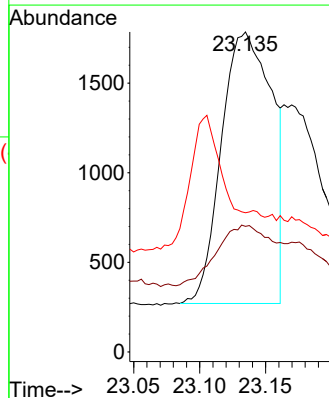
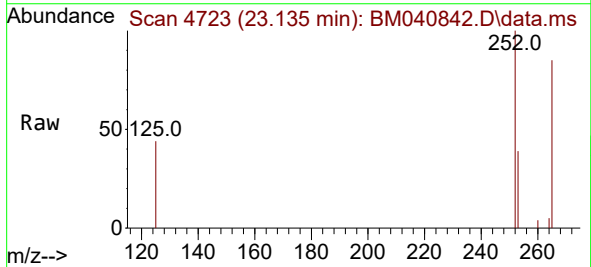
Tgt Ion:252 Resp: 4044

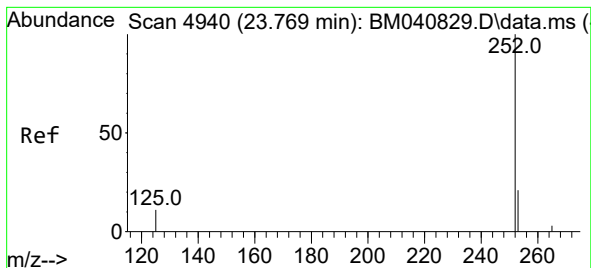
Ion Ratio Lower Upper

252 100

253 39.2 0.0 52.8

125 43.5 0.0 43.0#





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.752 min Scan# 4934

Delta R.T. -0.020 min

Lab File: BM040842.D

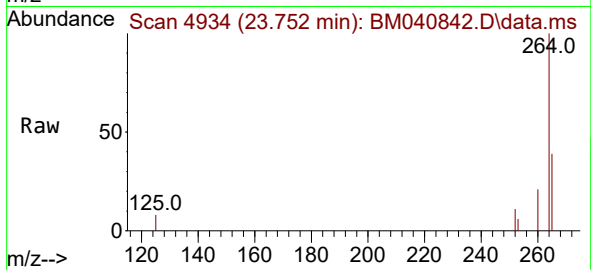
Acq: 12 Jul 2023 18:37

Instrument :

BNA_M

ClientSampleId :

A46F5



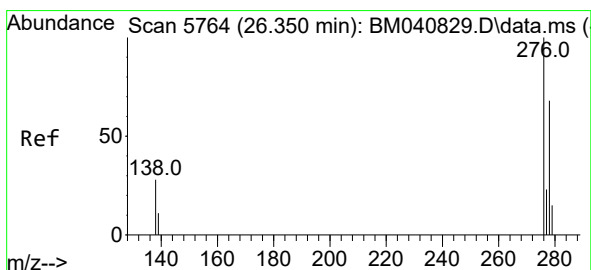
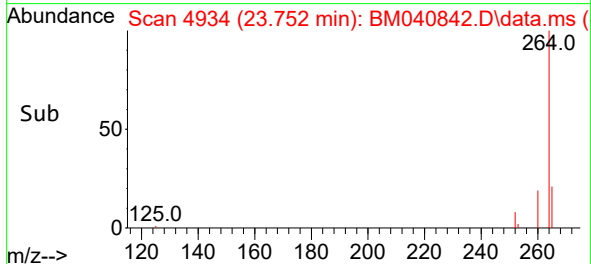
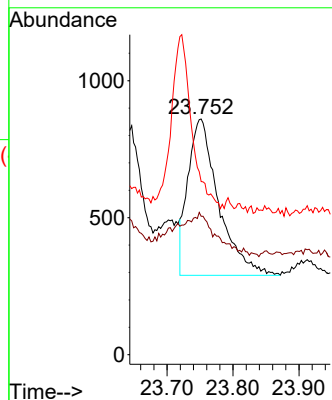
Tgt Ion:252 Resp: 1839

Ion Ratio Lower Upper

252 100

253 58.7 22.9 34.3#

125 73.5 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.066 ng/ul

RT: 26.337 min Scan# 5760

Delta R.T. -0.027 min

Lab File: BM040842.D

Acq: 12 Jul 2023 18:37

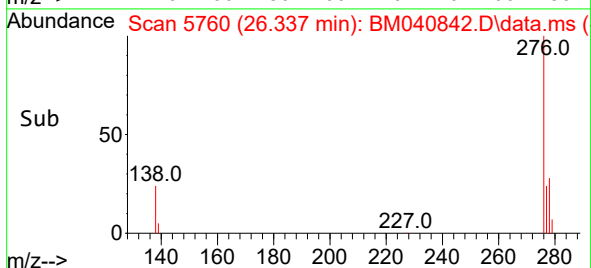
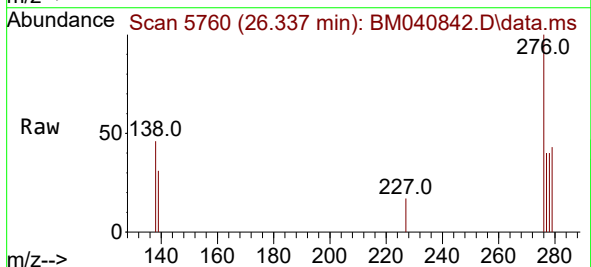
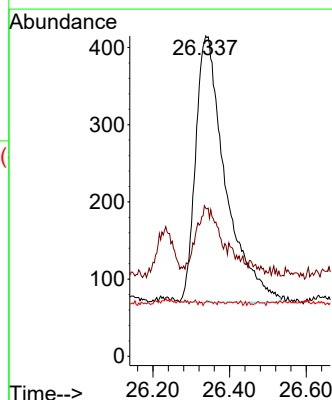
Tgt Ion:276 Resp: 1862

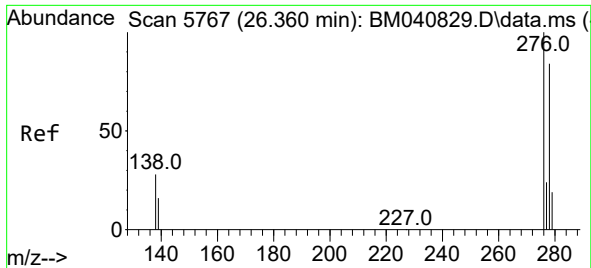
Ion Ratio Lower Upper

276 100

138 17.1 24.5 36.7#

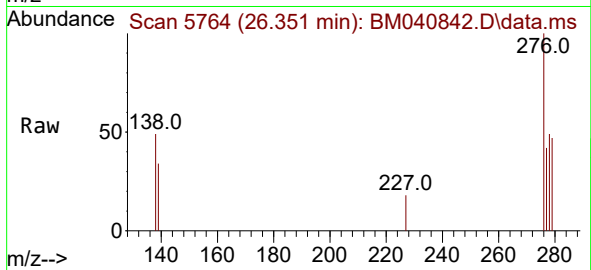
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.351 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

Instrument :
BNA_M
ClientSampleId :
A46F5



Tgt Ion:278 Resp: 550
Ion Ratio Lower Upper
278 100
139 69.8 17.9 26.9#
279 96.3 22.0 33.0#

