

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040918.D
 Acq On : 17 Jul 2023 12:10
 Operator : MA/JU
 Sample : 03437-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K7

Quant Time: Jul 18 02:45:59 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

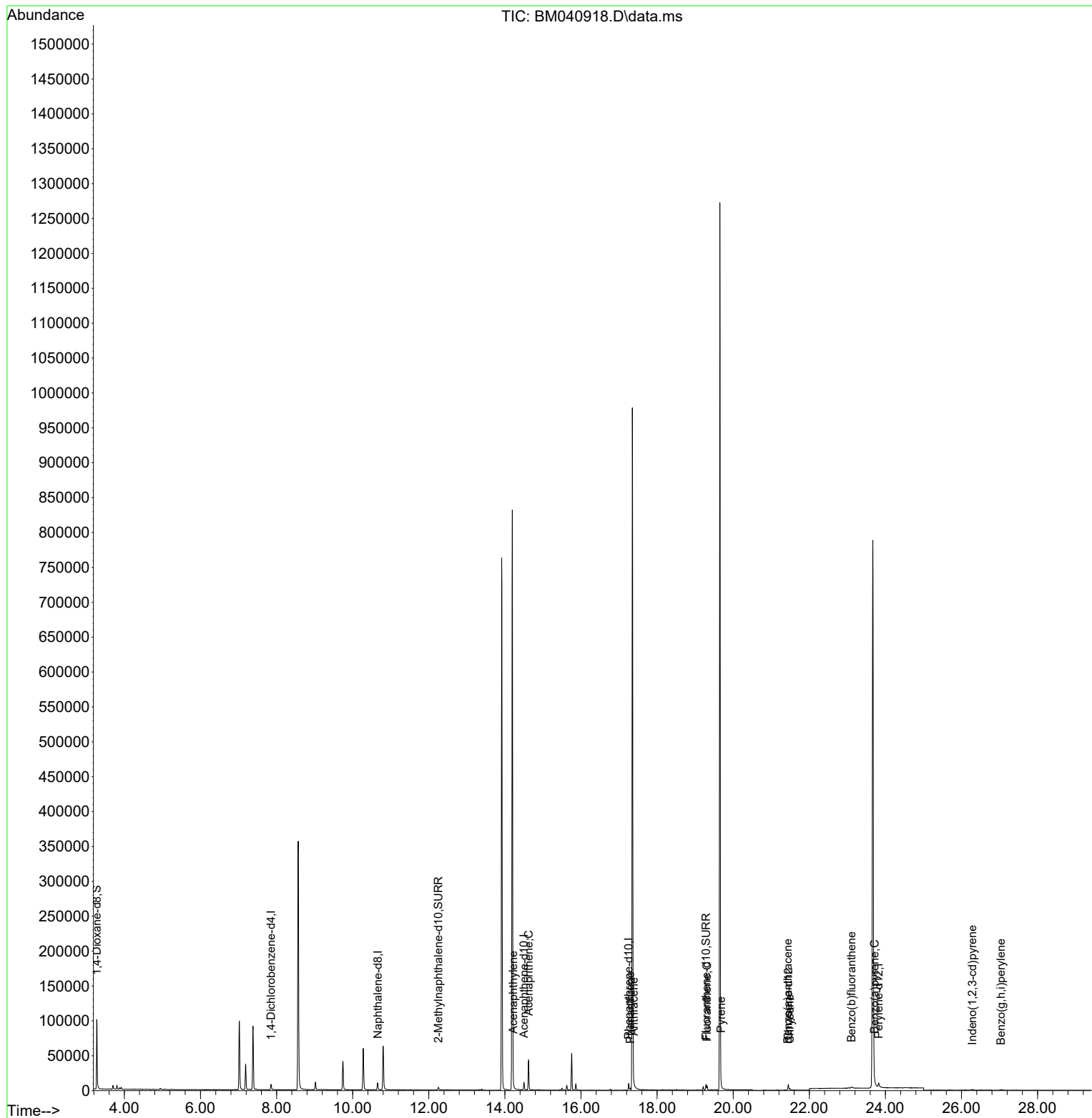
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4177	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	13441	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.504	164	5995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	11026	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7045	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	9583	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55112	8.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6163	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	8556	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.222	152	542	0.020	ng/ul#	45
11) Acenaphthene	14.624	153	12125	0.536	ng/ul#	1
15) Phenanthrene	17.295	178	2765	0.081	ng/ul#	94
16) Anthracene	17.388	178	656	0.023	ng/ul#	65
19) Fluoranthene	19.315	202	4720	0.158	ng/ul	96
20) Pyrene	19.678	202	5056	0.158	ng/ul#	90
21) Benzo(a)anthracene	21.434	228	1885	0.079	ng/ul#	87
22) Chrysene	21.483	228	2479	0.091	ng/ul#	92
24) Benzo(b)fluoranthene	23.105	252	3094	0.083	ng/ul#	53
26) Benzo(a)pyrene	23.713	252	2345	0.070	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.280	276	1768	0.038	ng/ul#	83
29) Benzo(g,h,i)perylene	27.035	276	1929	0.047	ng/ul#	81

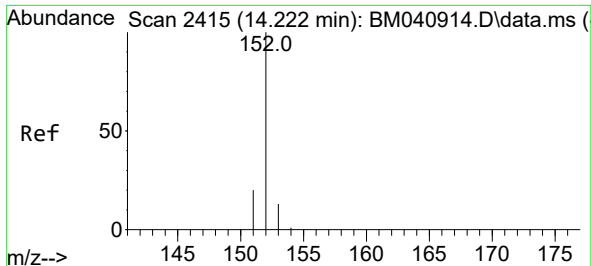
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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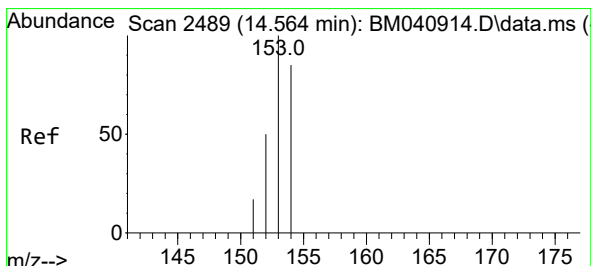
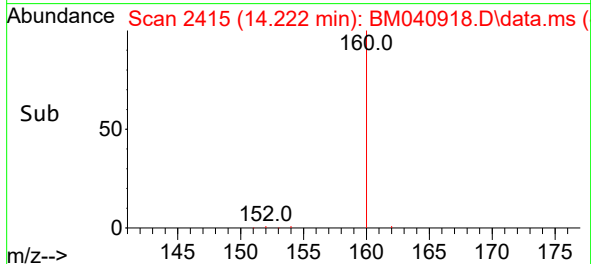
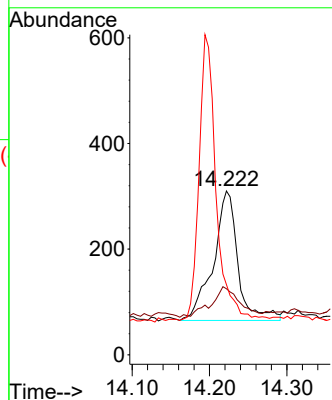
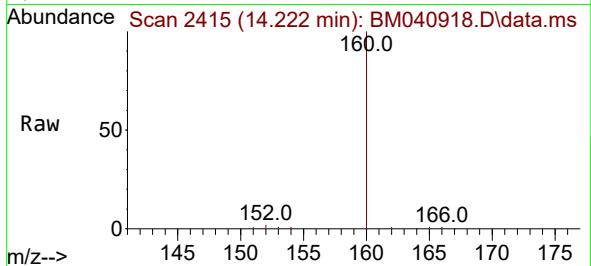




#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

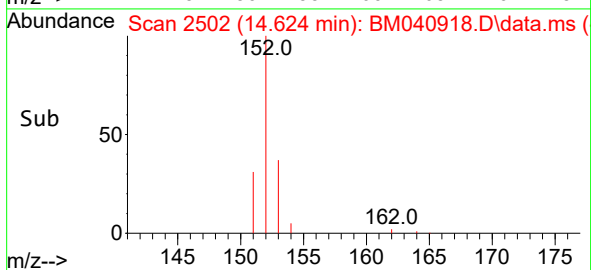
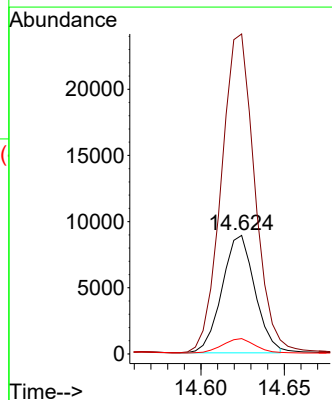
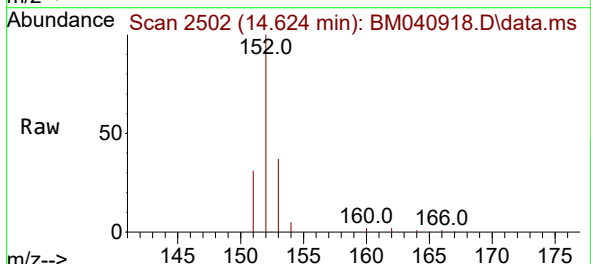
Instrument :
BNA_M
ClientSampleId :
A46K7

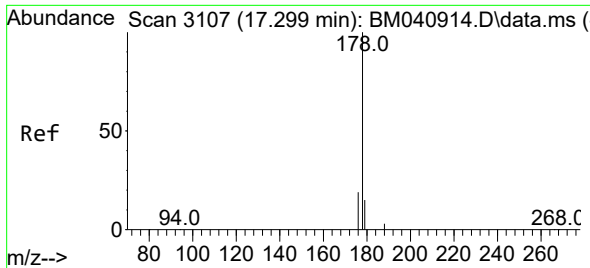
Tgt Ion:152 Resp: 542
Ion Ratio Lower Upper
152 100
151 40.3 16.2 24.2#
153 42.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.536 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. 0.056 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

Tgt Ion:153 Resp: 12125
Ion Ratio Lower Upper
153 100
152 269.8 41.0 61.4#
154 12.9 70.8 106.2#

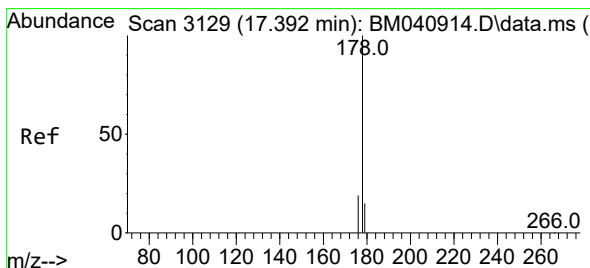
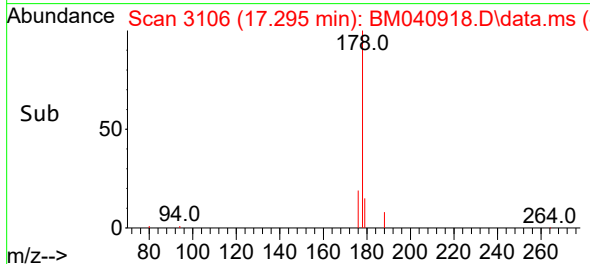
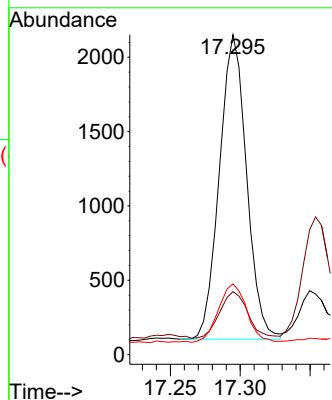
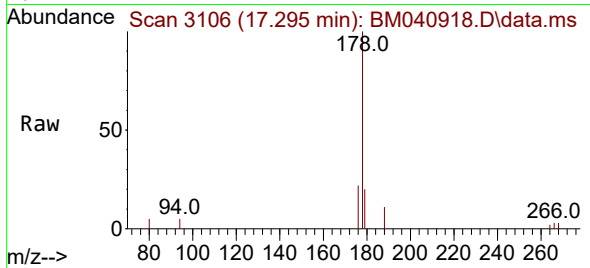




#15
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

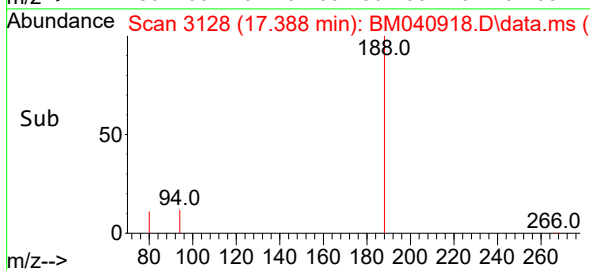
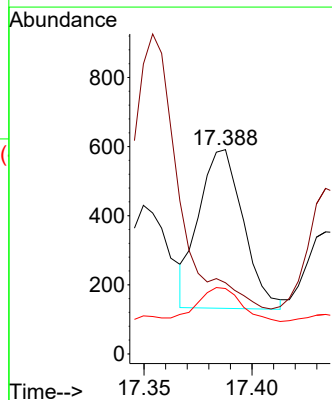
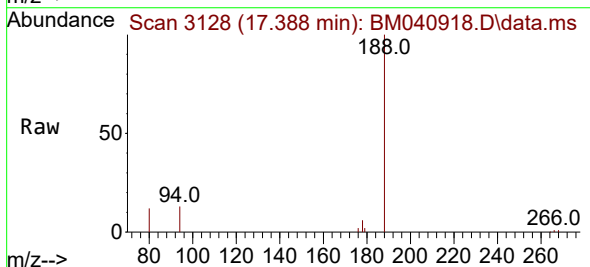
Instrument :
BNA_M
ClientSampleId :
A46K7

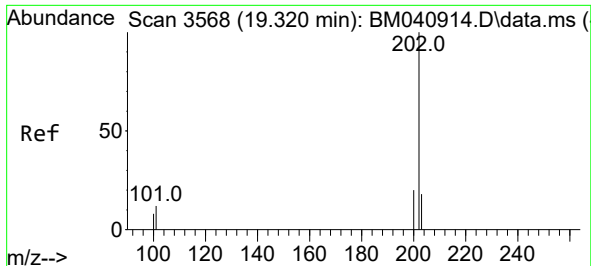
Tgt Ion:178 Resp: 2765
Ion Ratio Lower Upper
178 100
179 19.7 12.8 19.2#
176 22.1 16.4 24.6



#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

Tgt Ion:178 Resp: 656
Ion Ratio Lower Upper
178 100
179 34.9 12.9 19.3#
176 32.0 15.8 23.6#

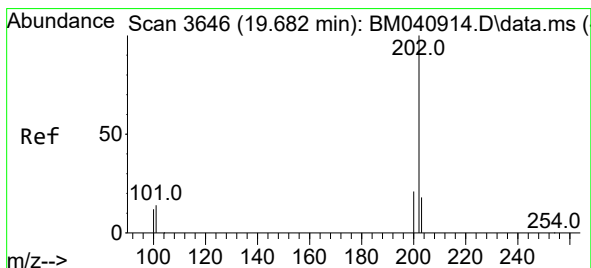
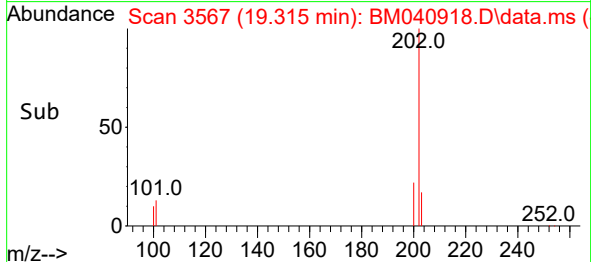
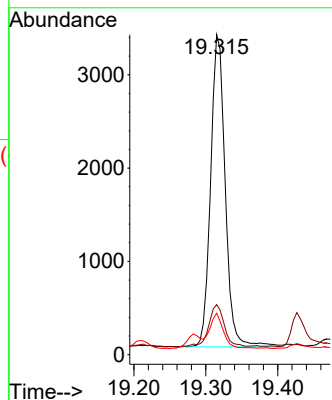
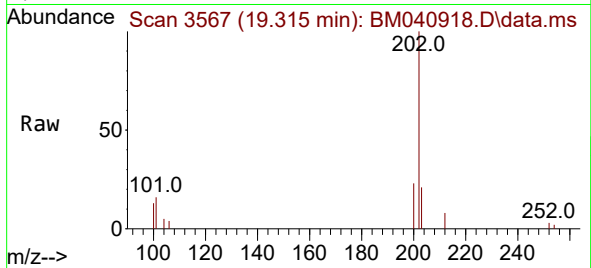




#19
Fluoranthene
Concen: 0.158 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

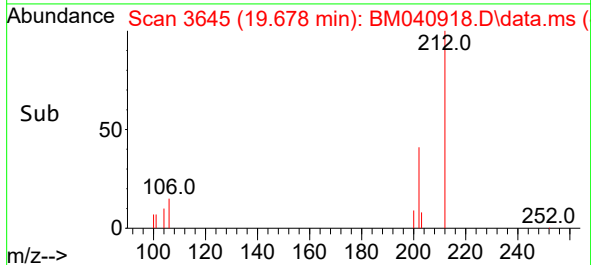
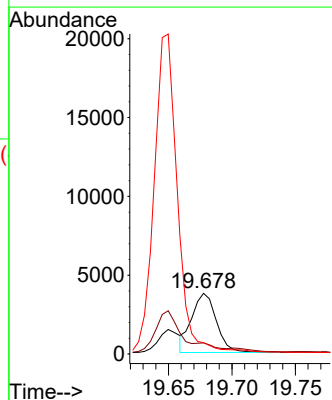
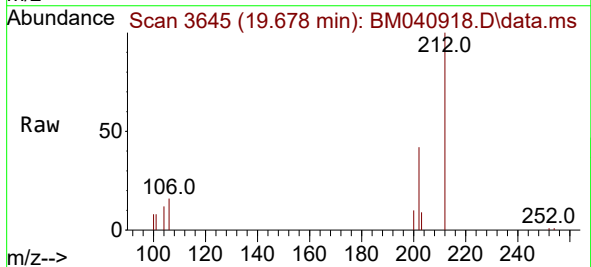
Instrument :
BNA_M
ClientSampleId :
A46K7

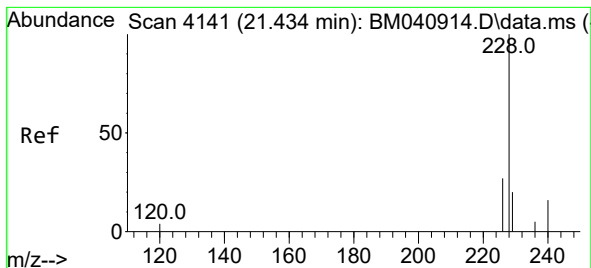
Tgt Ion:202 Resp: 4720
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 12.9 8.7 13.1



#20
Pyrene
Concen: 0.158 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

Tgt Ion:202 Resp: 5056
Ion Ratio Lower Upper
202 100
101 18.1 12.6 18.8
100 18.6 9.8 14.6#





#21

Benzo(a)anthracene

Concen: 0.079 ng/ul

RT: 21.434 min Scan# 4141

Delta R.T. -0.000 min

Lab File: BM040918.D

Acq: 17 Jul 2023 12:10

Instrument :

BNA_M

ClientSampleId :

A46K7

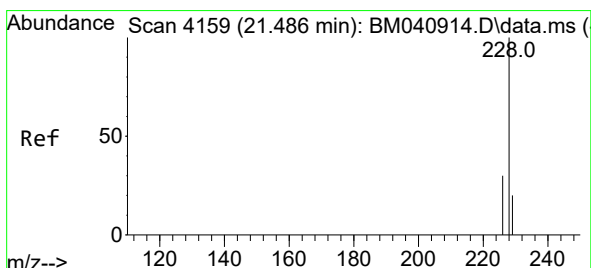
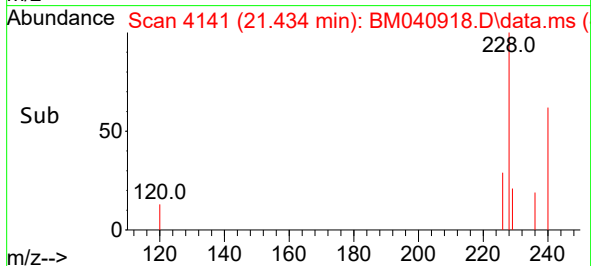
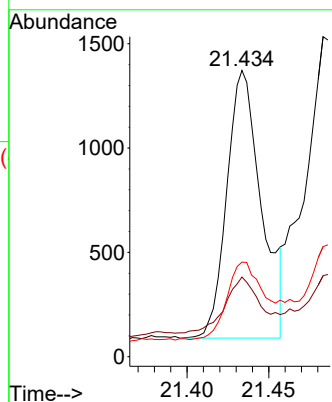
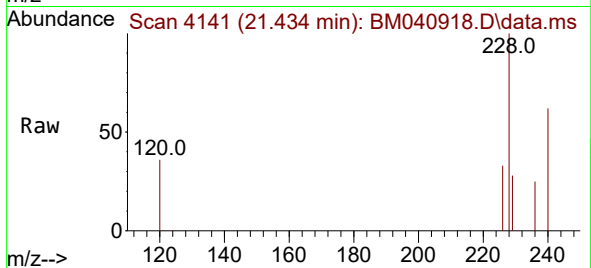
Tgt Ion:228 Resp: 1885

Ion Ratio Lower Upper

228 100

229 27.8 16.0 24.0#

226 33.0 22.3 33.5



#22

Chrysene

Concen: 0.091 ng/ul

RT: 21.483 min Scan# 4158

Delta R.T. -0.003 min

Lab File: BM040918.D

Acq: 17 Jul 2023 12:10

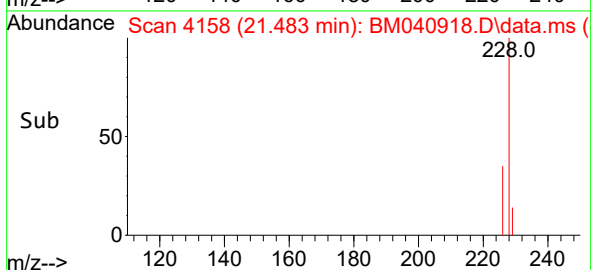
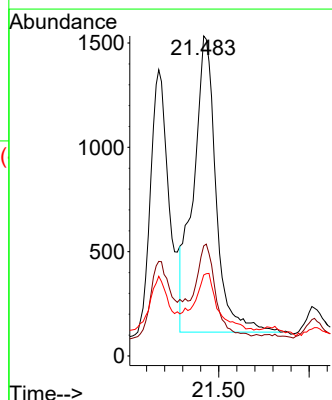
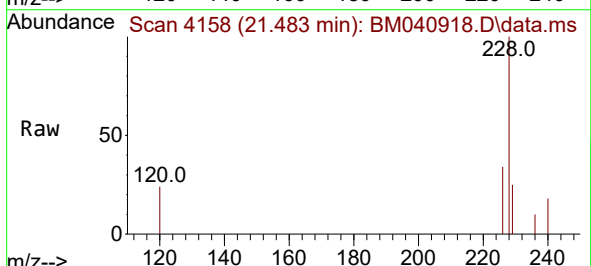
Tgt Ion:228 Resp: 2479

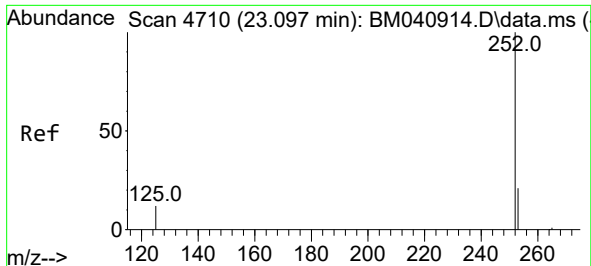
Ion Ratio Lower Upper

228 100

226 34.4 24.9 37.3

229 25.3 15.8 23.6#

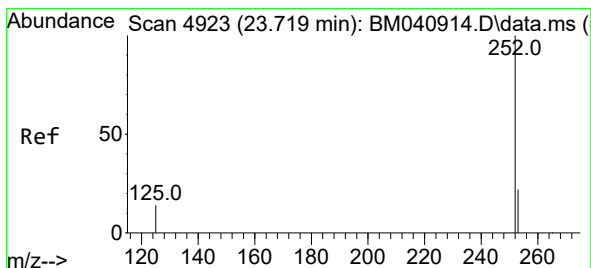
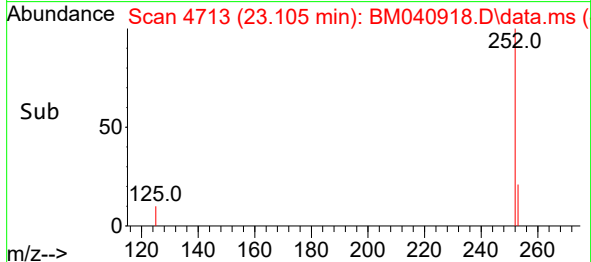
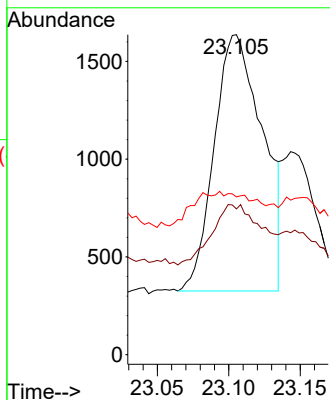
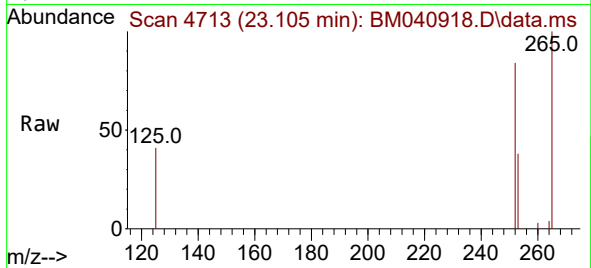




#24
Benzo(b)fluoranthene
Concen: 0.083 ng/ul
RT: 23.105 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

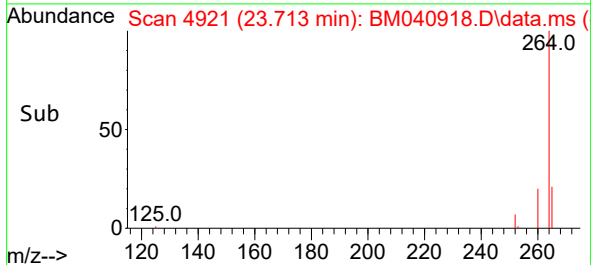
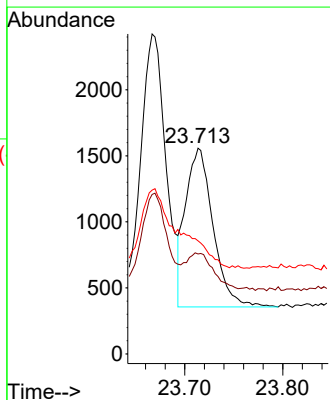
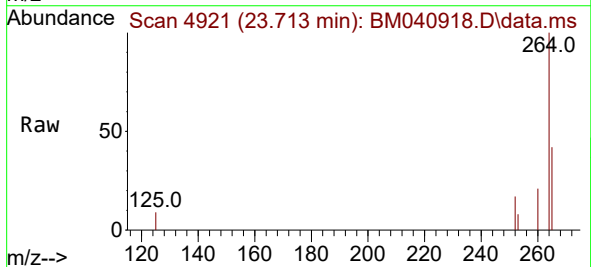
Instrument :
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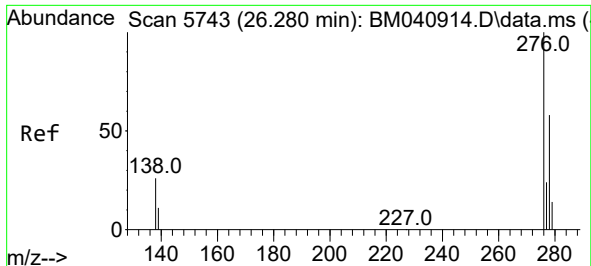
Tgt Ion:252 Resp: 3094
Ion Ratio Lower Upper
252 100
253 45.6 0.0 52.8
125 49.3 0.0 43.0#



#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.713 min Scan# 4921
Delta R.T. -0.009 min
Lab File: BM040918.D
Acq: 17 Jul 2023 12:10

Tgt Ion:252 Resp: 2345
Ion Ratio Lower Upper
252 100
253 48.6 22.9 34.3#
125 54.9 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 26.280 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040918.D

Acq: 17 Jul 2023 12:10

Instrument :

BNA_M

ClientSampleId :

A46K7

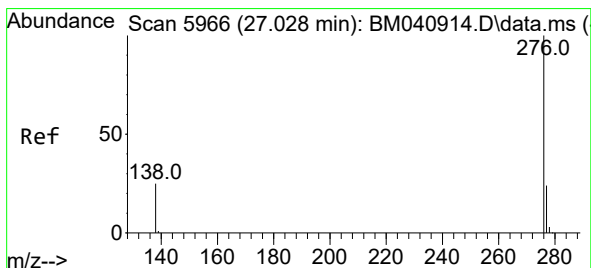
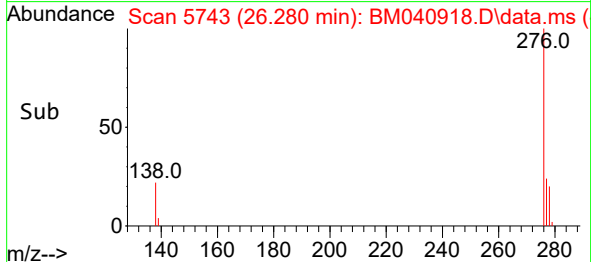
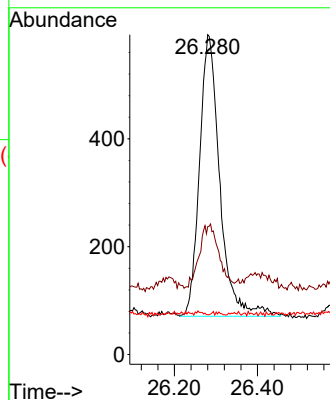
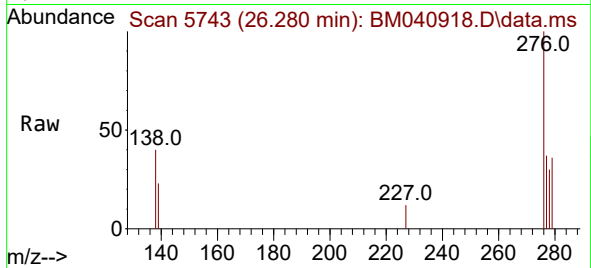
Tgt Ion:276 Resp: 1768

Ion Ratio Lower Upper

276 100

138 21.2 24.5 36.7#

227 0.2 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul

RT: 27.035 min Scan# 5968

Delta R.T. -0.010 min

Lab File: BM040918.D

Acq: 17 Jul 2023 12:10

Tgt Ion:276 Resp: 1929

Ion Ratio Lower Upper

276 100

138 39.0 23.0 34.6#

277 34.6 20.3 30.5#

