

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040617.D
 Acq On : 04 Jul 2023 18:25
 Operator : MA/JU
 Sample : 03246-08DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:41:17 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

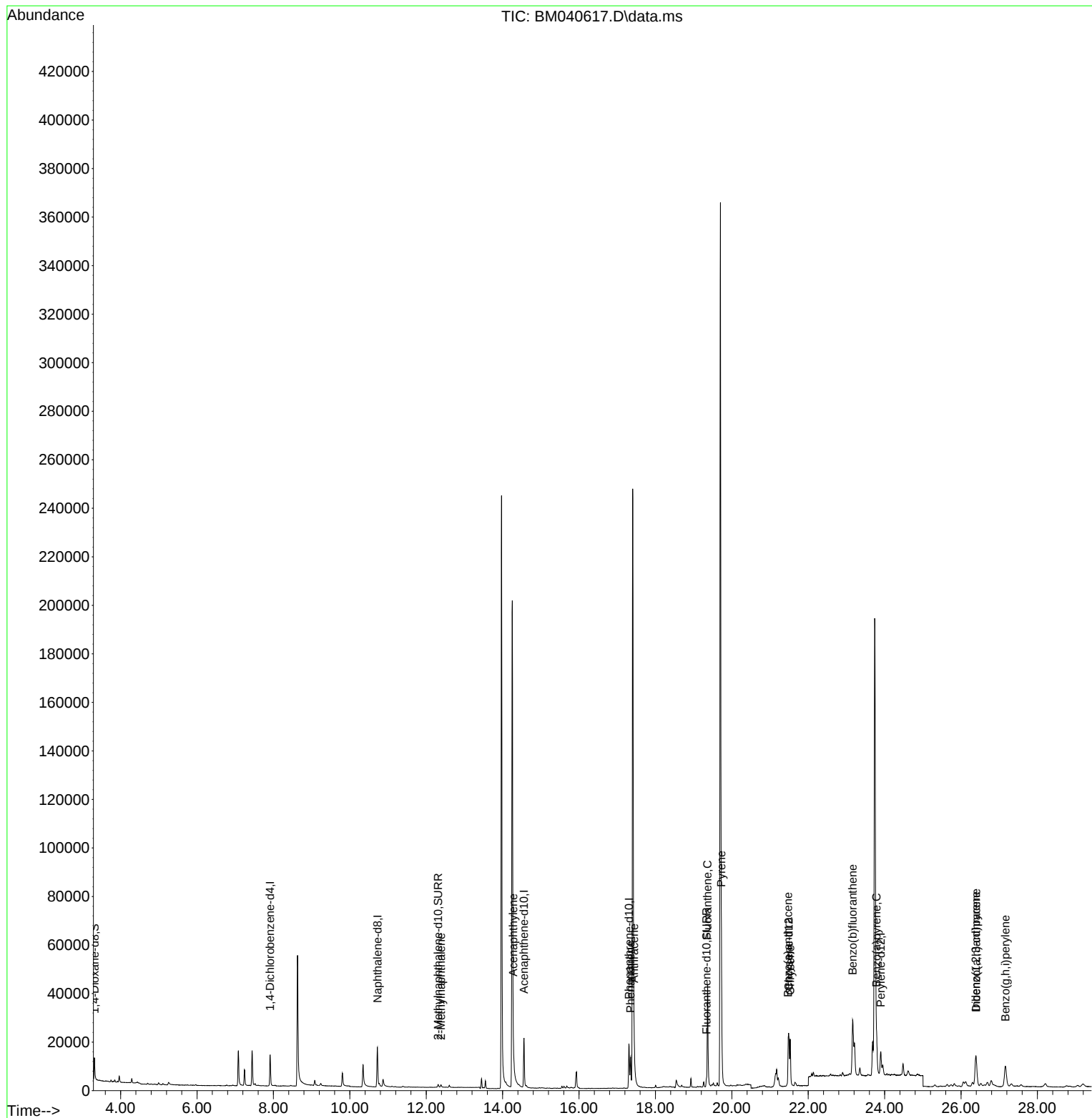
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6950	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	25803	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12089	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	24639	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	14948	0.400	ng/ul	-0.01
23) Perylene-d12	23.900	264	14763	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	5408	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2071	0.057	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	4158	0.087	ng/ul	-0.01
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.384	142	956	0.023	ng/ul	96
10) Acenaphthylene	14.277	152	4997	0.093	ng/ul#	93
15) Phenanthrene	17.349	178	14452	0.189	ng/ul	99
16) Anthracene	17.442	178	6718	0.104	ng/ul#	92
19) Fluoranthene	19.366	202	40955	0.645	ng/ul	98
20) Pyrene	19.728	202	34882	0.512	ng/ul	98
21) Benzo(a)anthracene	21.474	228	16869	0.334	ng/ul	95
22) Chrysene	21.529	228	23902	0.414	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	44975	0.787	ng/ul	99
26) Benzo(a)pyrene	23.789	252	20093	0.390	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.390	276	25200	0.352	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.397	278	5949	0.106	ng/ul#	71
29) Benzo(g,h,i)perylene	27.162	276	22606	0.360	ng/ul	99

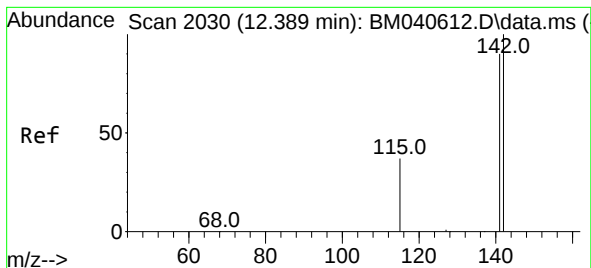
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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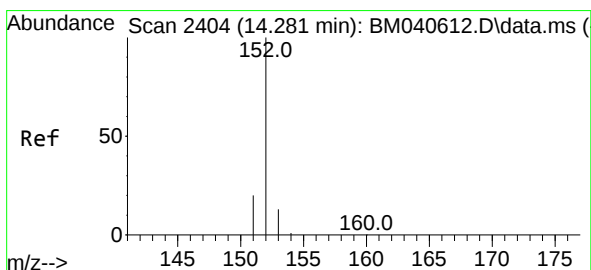
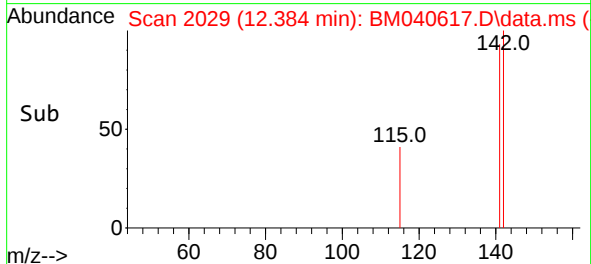
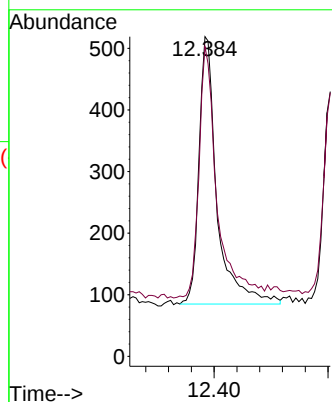
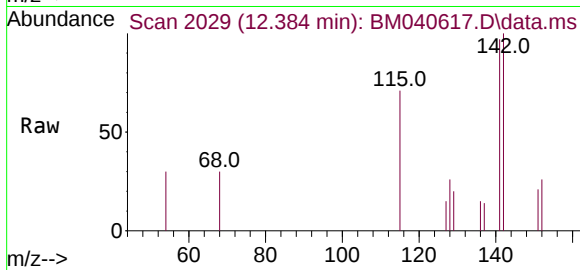




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.384 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

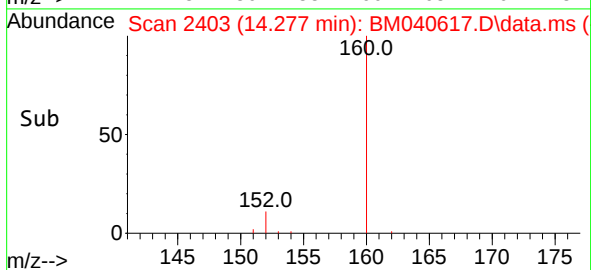
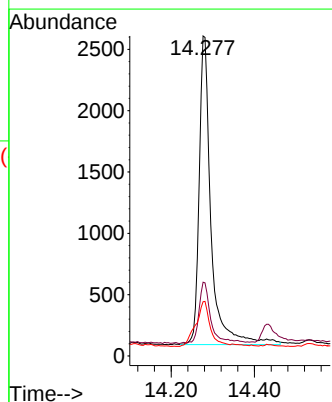
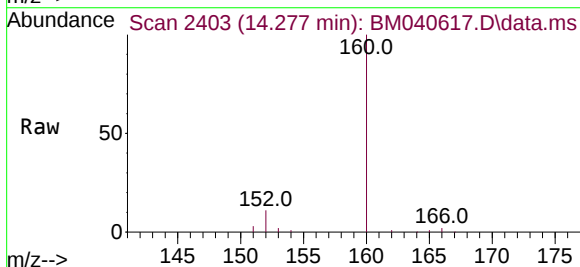
Instrument :
BNA_M
ClientSampleId :

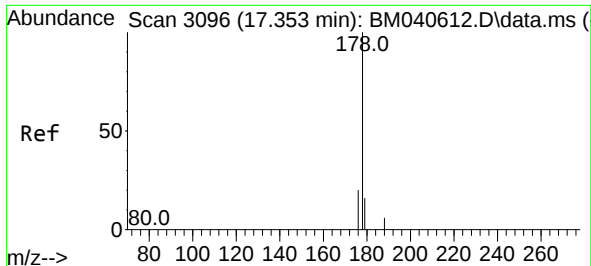
Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
141 93.8 71.9 107.9



#10
Acenaphthylene
Concen: 0.093 ng/ul
RT: 14.277 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Tgt Ion:152 Resp: 4997
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.2
153 16.9 10.9 16.3#

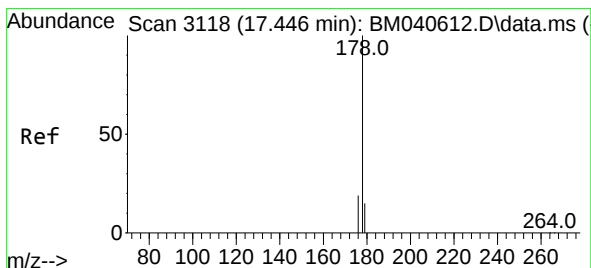
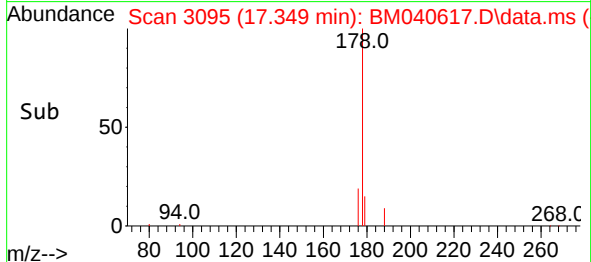
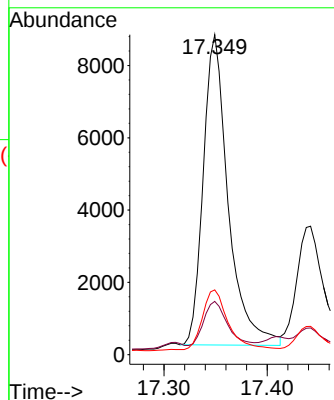
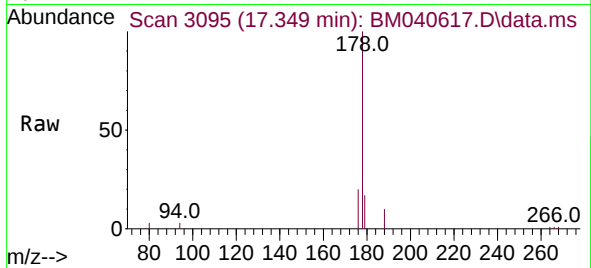




#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

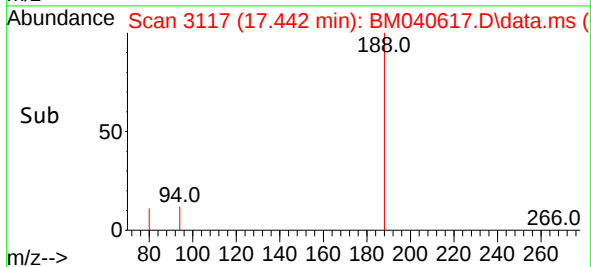
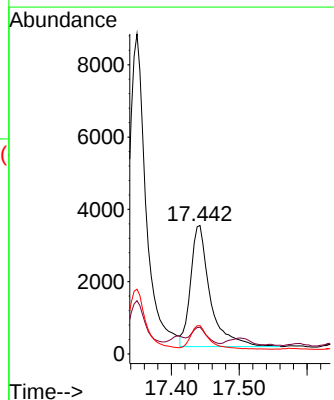
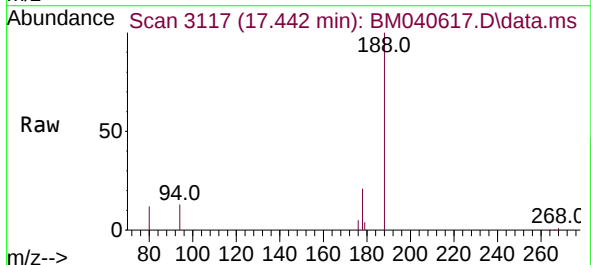
Instrument :
BNA_M
ClientSampleId :

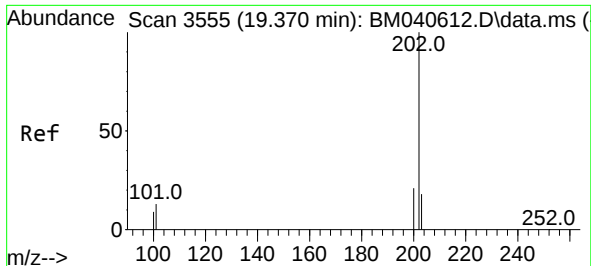
Tgt Ion:178 Resp: 14452
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.2 16.4 24.6



#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Tgt Ion:178 Resp: 6718
Ion Ratio Lower Upper
178 100
179 20.7 12.9 19.3#
176 22.1 15.8 23.6

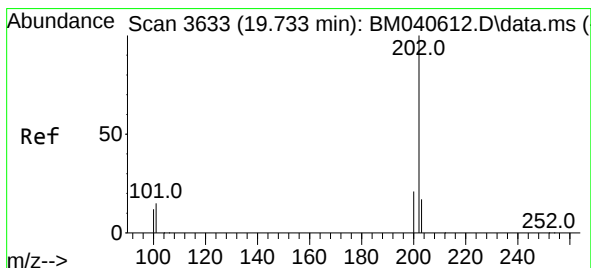
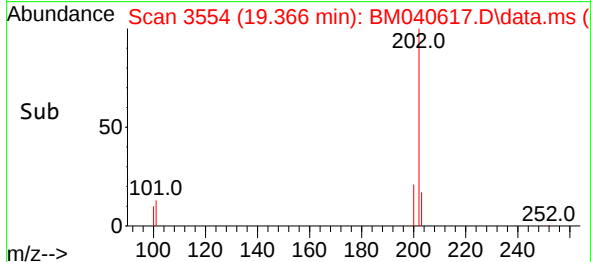
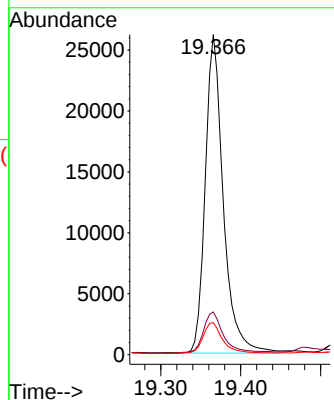
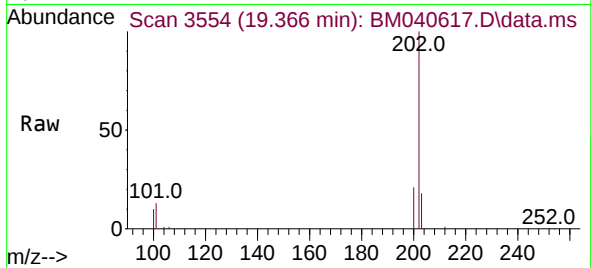




#19
Fluoranthene
Concen: 0.645 ng/ul
RT: 19.366 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

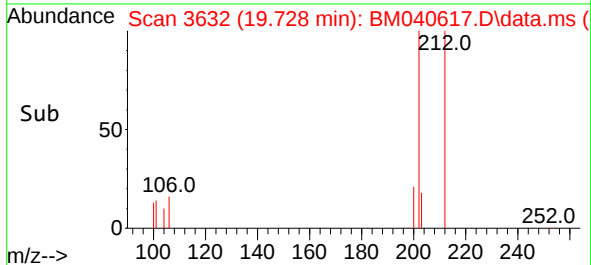
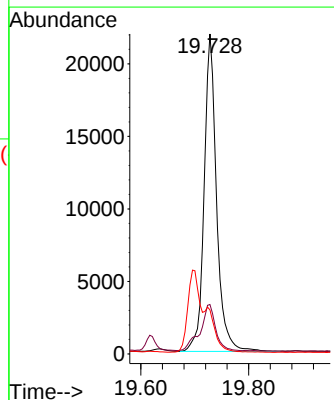
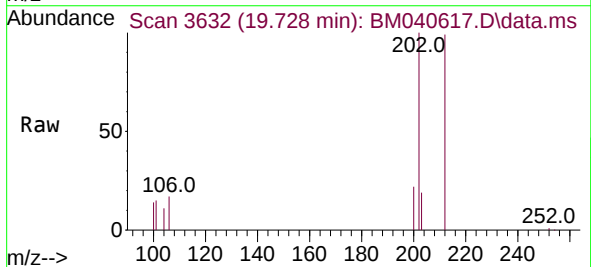
Instrument :
BNA_M
ClientSampleId :

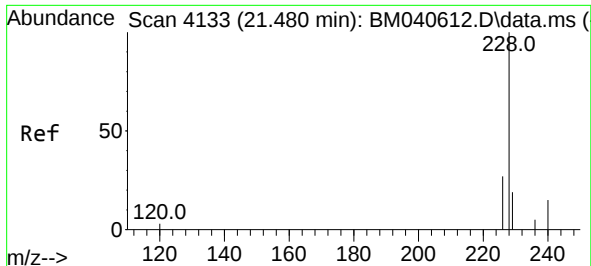
Tgt Ion:202 Resp: 40955
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.0 8.7 13.1



#20
Pyrene
Concen: 0.512 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

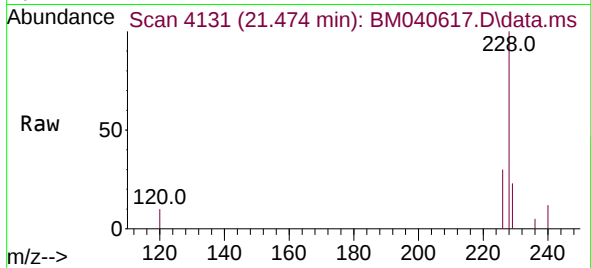
Tgt Ion:202 Resp: 34882
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 13.8 9.8 14.6



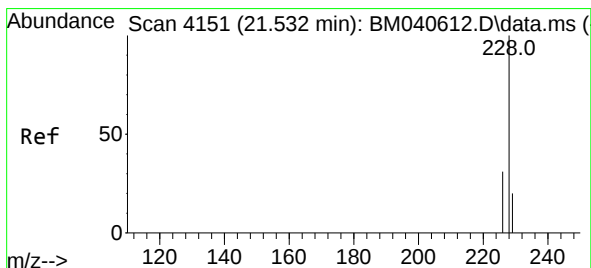
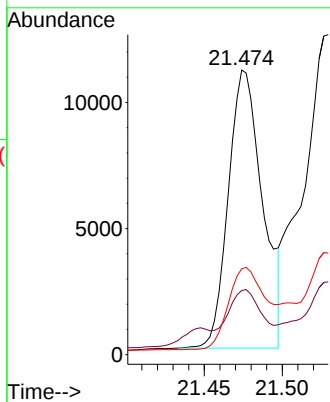
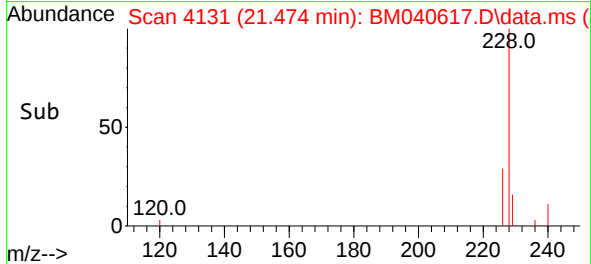


#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Instrument :
BNA_M
ClientSampleId :

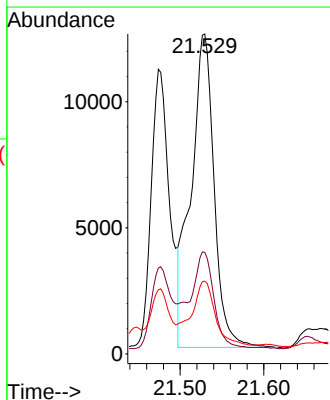
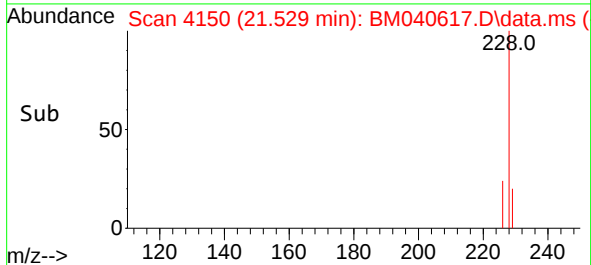
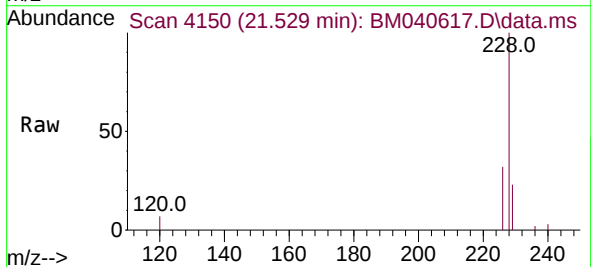


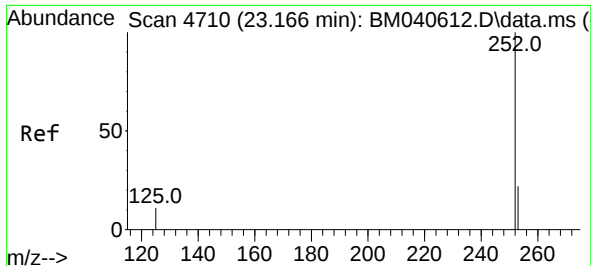
Tgt Ion:228 Resp: 16869
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 30.2 22.3 33.5



#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

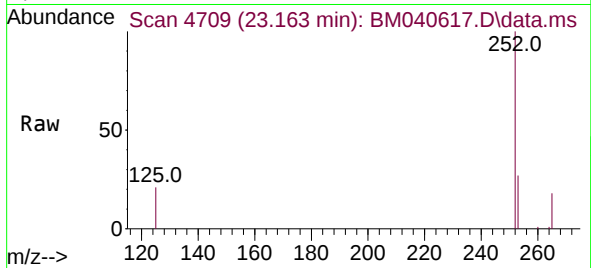
Tgt Ion:228 Resp: 23902
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 22.7 15.8 23.6



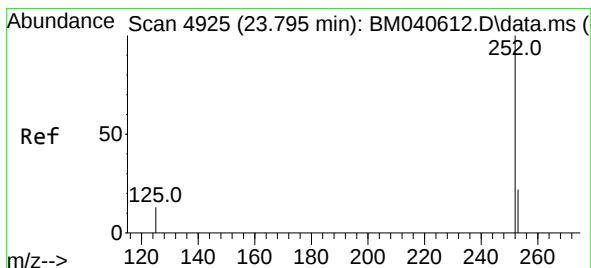
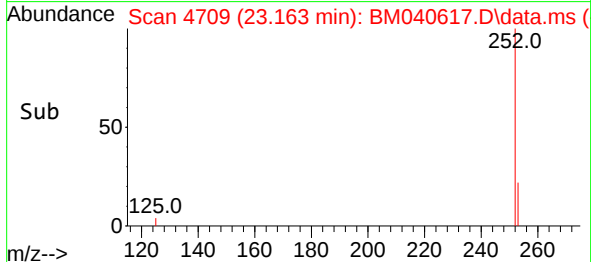
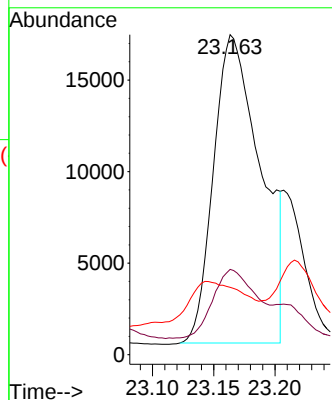


#24
Benzo(b)fluoranthene
Concen: 0.787 ng/uI
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Instrument :
BNA_M
ClientSampleId :

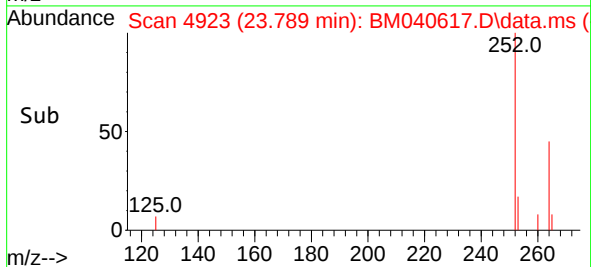
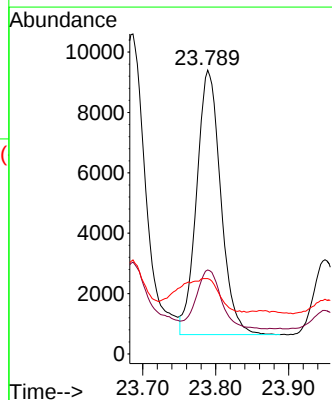
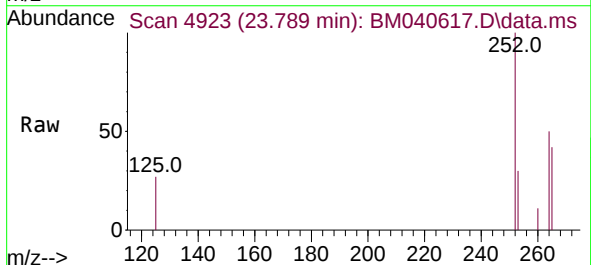


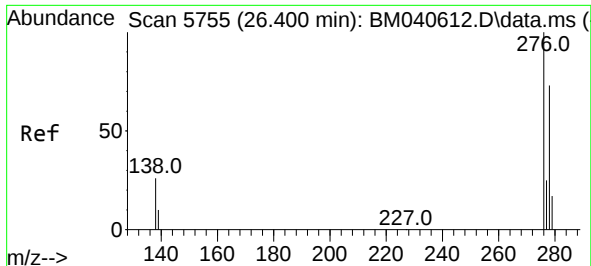
Tgt Ion:252 Resp: 44975
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.8
125 21.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.390 ng/uI
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

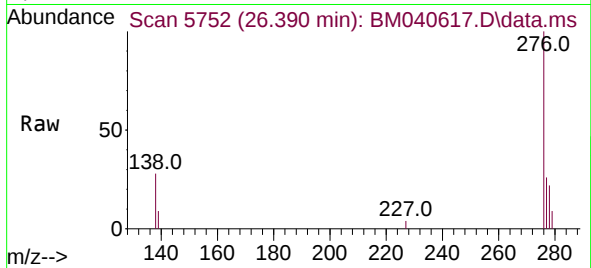
Tgt Ion:252 Resp: 20093
Ion Ratio Lower Upper
252 100
253 29.6 22.9 34.3
125 26.5 21.0 31.4



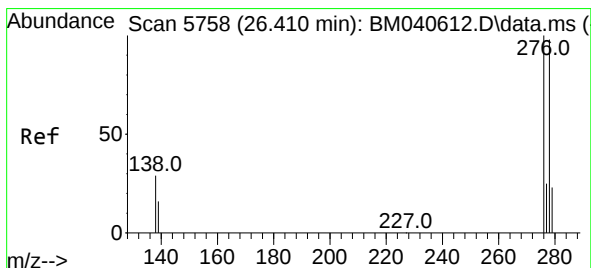
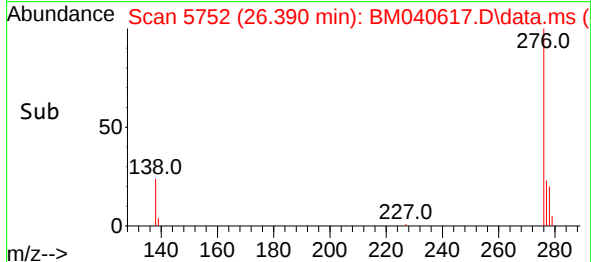
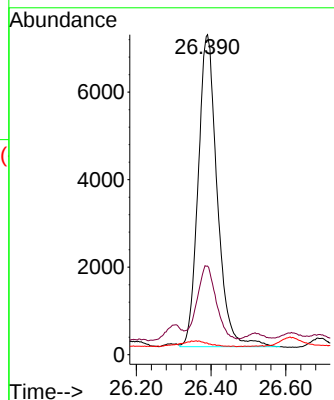


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.027 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Instrument :
BNA_M
ClientSampleId :

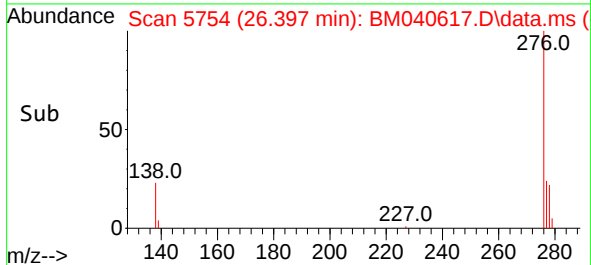
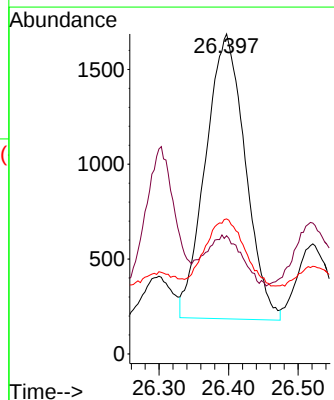
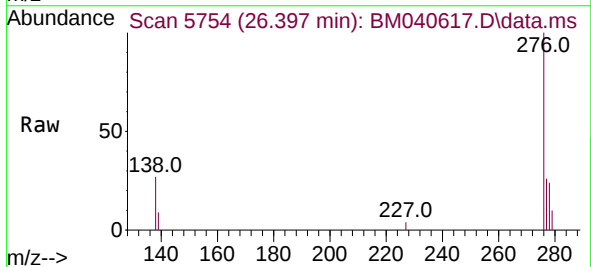


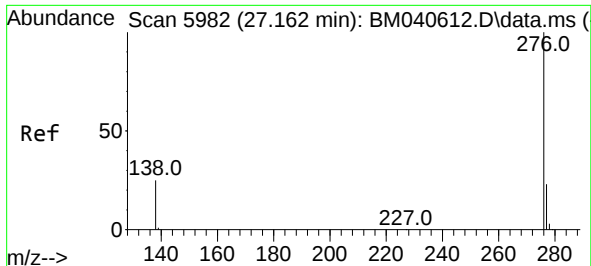
Tgt Ion:276 Resp: 25200
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.034 min
Lab File: BM040617.D
Acq: 04 Jul 2023 18:25

Tgt Ion:278 Resp: 5949
Ion Ratio Lower Upper
278 100
139 36.9 17.9 26.9#
279 42.2 22.0 33.0#





#29

Benzo(g,h,i)perylene

Concen: 0.360 ng/ul

RT: 27.162 min Scan# 5982

Delta R.T. -0.020 min

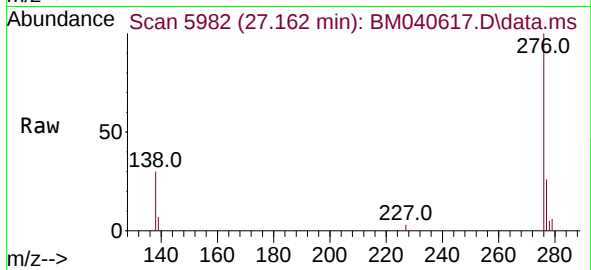
Lab File: BM040617.D

Acq: 04 Jul 2023 18:25

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 22606

Ion Ratio Lower Upper

276 100

138 29.7 23.0 34.6

277 25.6 20.3 30.5

