

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040609.D
 Acq On : 04 Jul 2023 12:49
 Operator : MA/JU
 Sample : 03243-19DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 01:18:26 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)

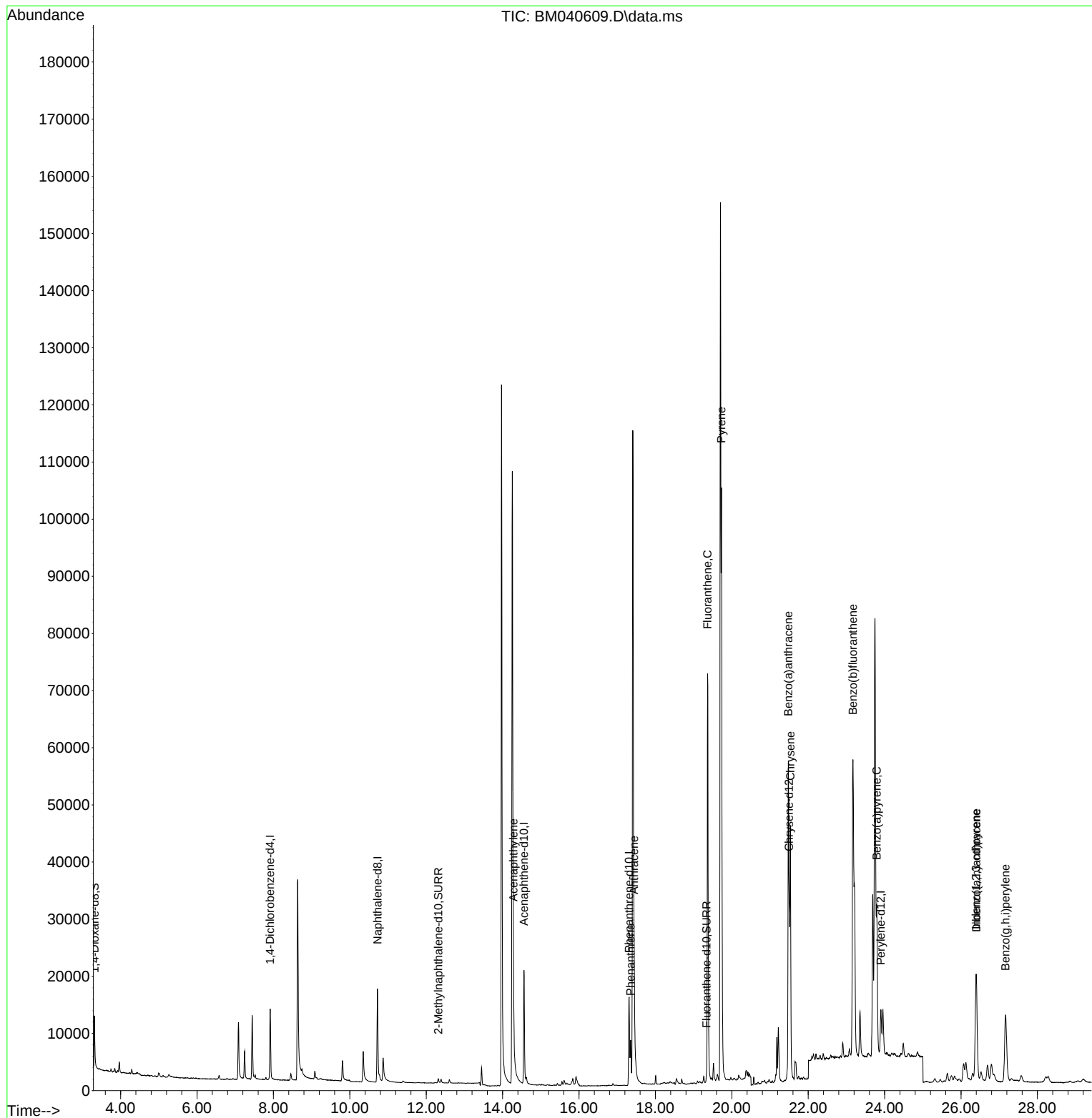
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6790	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	25746	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.558	164	12049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	22627	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13131	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	12206	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5589	0.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1396	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1888	0.045	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.281	152	16443	0.305	ng/ul	98
15) Phenanthrene	17.349	178	9062	0.129	ng/ul	96
16) Anthracene	17.442	178	17448	0.295	ng/ul	98
19) Fluoranthene	19.366	202	74228	1.331	ng/ul	98
20) Pyrene	19.728	202	85732	1.434	ng/ul	99
21) Benzo(a)anthracene	21.480	228	51429	1.158	ng/ul	98
22) Chrysene	21.532	228	45983	0.908	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	100517	2.128	ng/ul	91
26) Benzo(a)pyrene	23.792	252	39881	0.937	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.397	276	37217	0.628	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.400	278	9111	0.196	ng/ul#	87
29) Benzo(g,h,i)perylene	27.165	276	31045	0.598	ng/ul	98

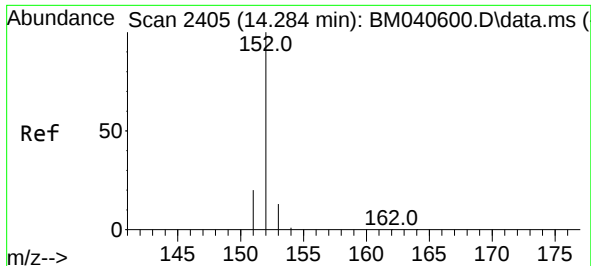
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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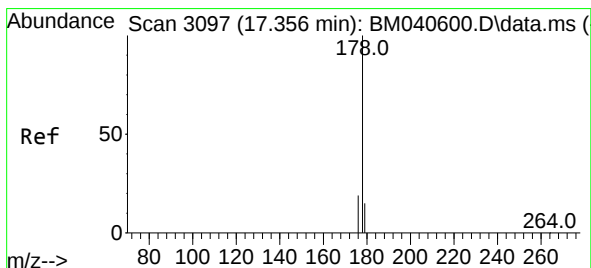
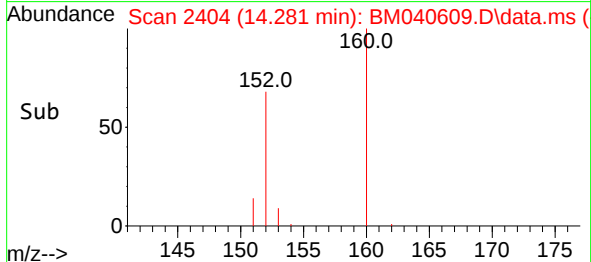
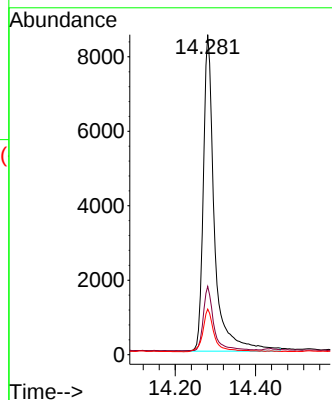
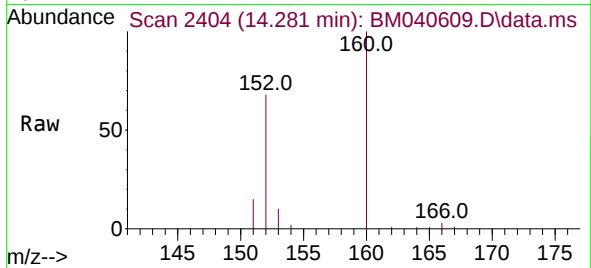




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

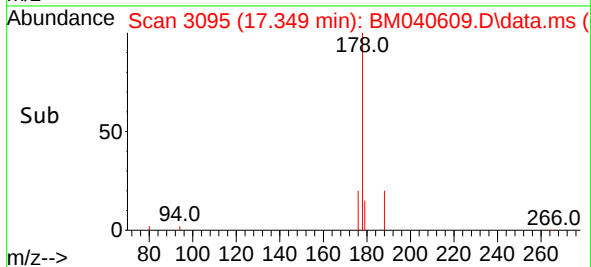
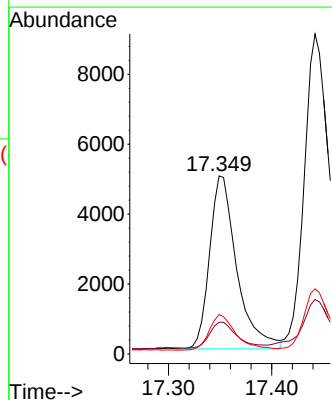
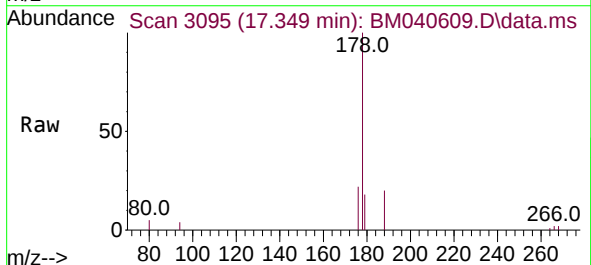
Instrument :
BNA_M
ClientSampleId :

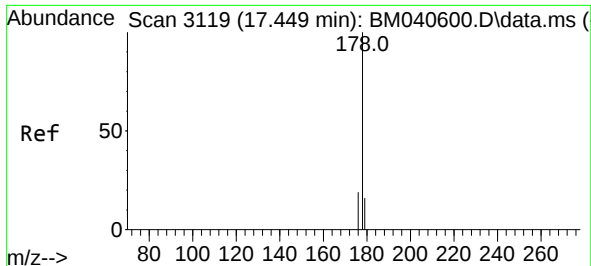
Tgt Ion:152 Resp: 16443
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 14.3 10.9 16.3



#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

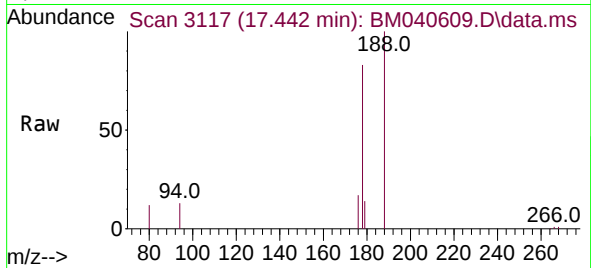
Tgt Ion:178 Resp: 9062
Ion Ratio Lower Upper
178 100
179 17.8 12.8 19.2
176 22.1 16.4 24.6





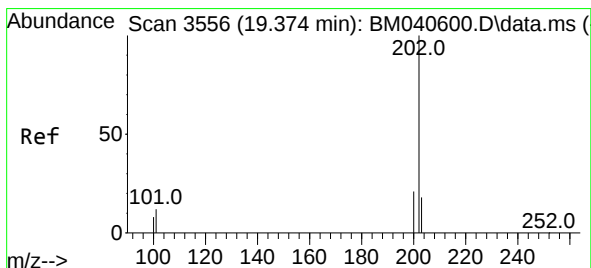
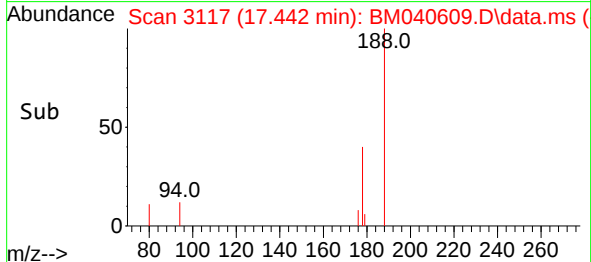
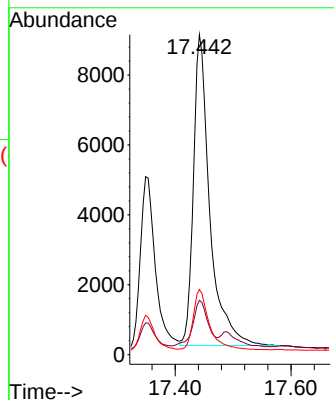
#16
 Anthracene
 Concen: 0.295 ng/ul
 RT: 17.442 min Scan# 3117
 Delta R.T. -0.013 min
 Lab File: BM040609.D
 Acq: 04 Jul 2023 12:49

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:178 Resp: 17448

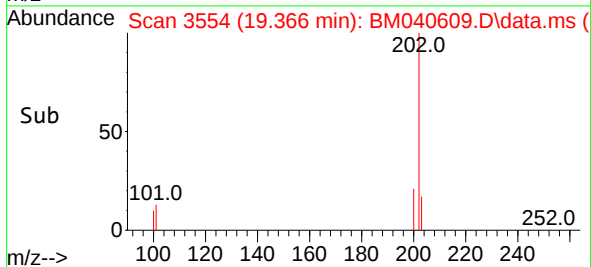
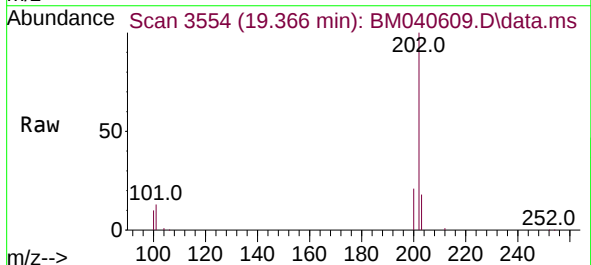
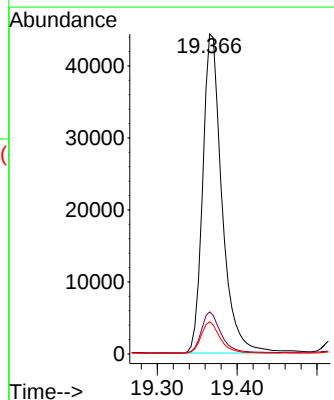
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	20.3	15.8	23.6

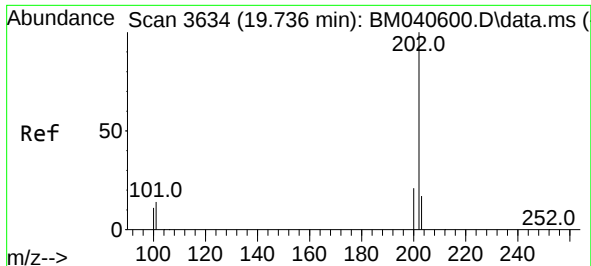


#19
 Fluoranthene
 Concen: 1.331 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.014 min
 Lab File: BM040609.D
 Acq: 04 Jul 2023 12:49

Tgt Ion:202 Resp: 74228

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.4	17.0
100	10.0	8.7	13.1

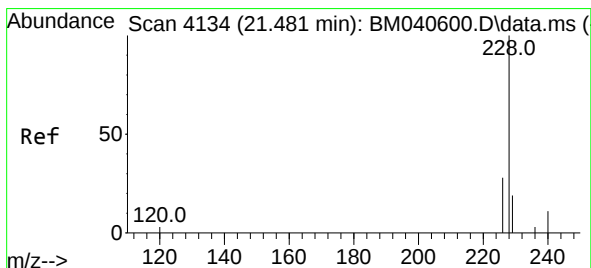
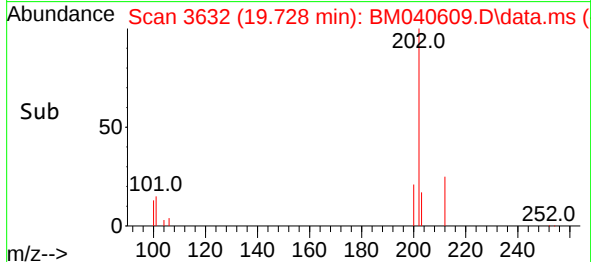
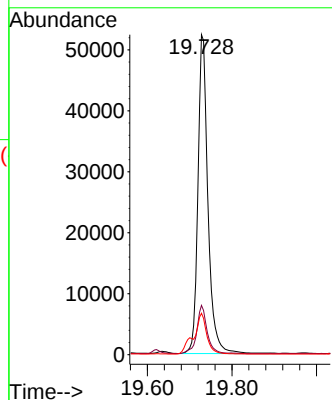
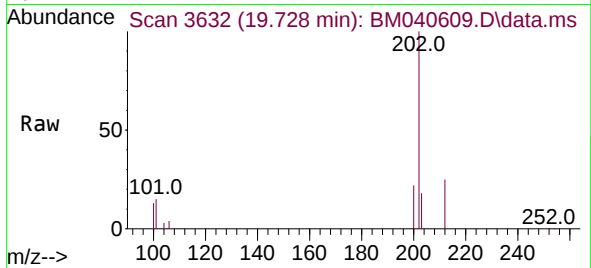




#20
Pyrene
Concen: 1.434 ng/ul
RT: 19.728 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

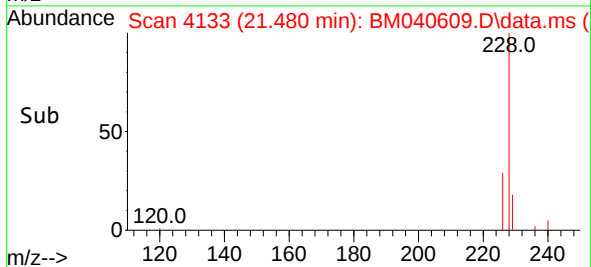
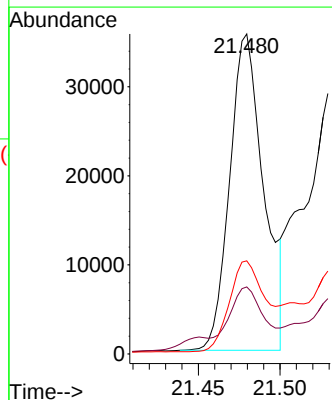
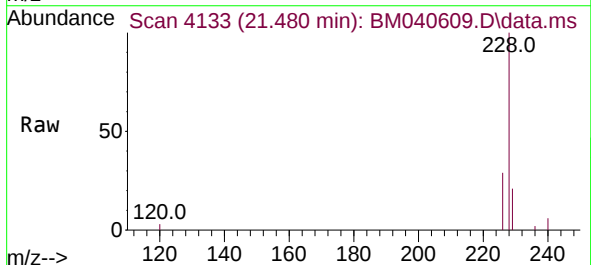
Instrument :
BNA_M
ClientSampleId :

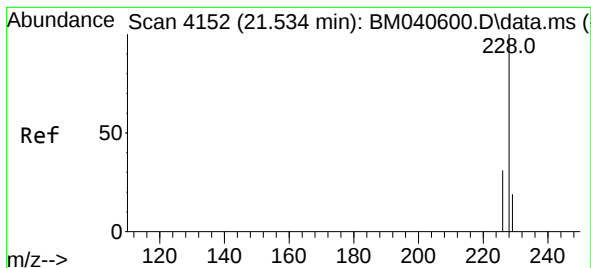
Tgt Ion:202 Resp: 85732
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 13.0 9.8 14.6



#21
Benzo(a)anthracene
Concen: 1.158 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

Tgt Ion:228 Resp: 51429
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.1 22.3 33.5





#22

Chrysene

Concen: 0.908 ng/ul

RT: 21.532 min Scan# 4152

Delta R.T. -0.009 min

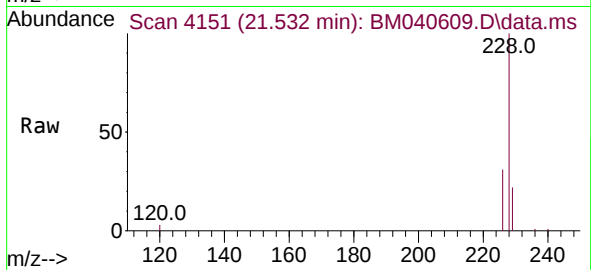
Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

Instrument :

BNA_M

ClientSampleId :



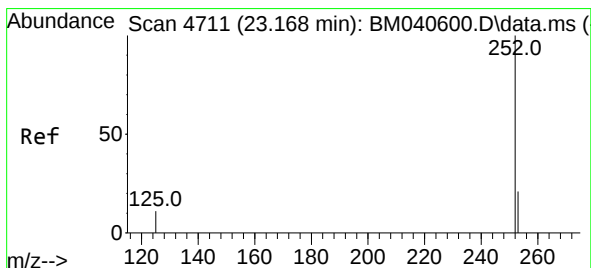
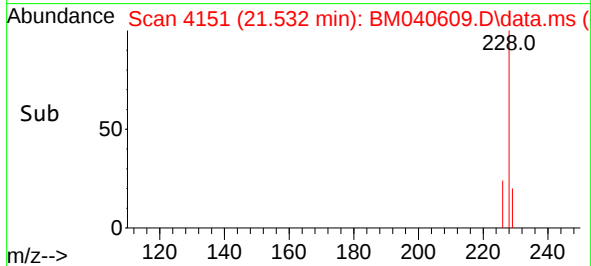
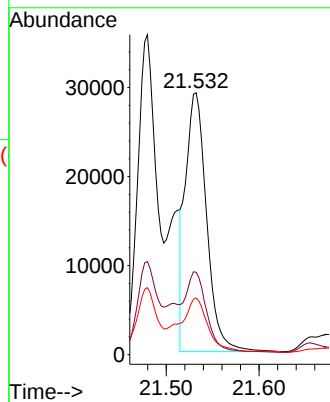
Tgt Ion:228 Resp: 45983

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 2.128 ng/ul

RT: 23.169 min Scan# 4711

Delta R.T. -0.012 min

Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

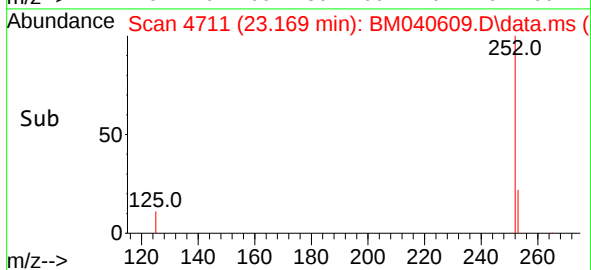
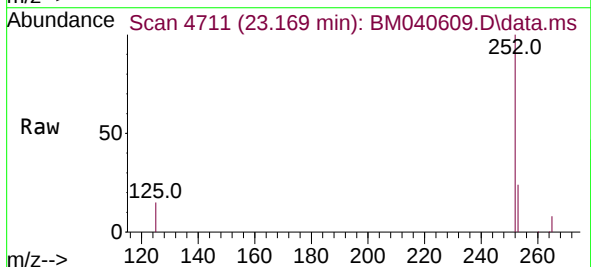
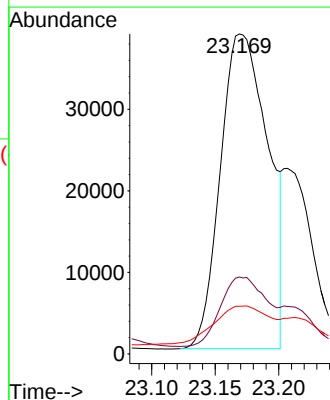
Tgt Ion:252 Resp: 100517

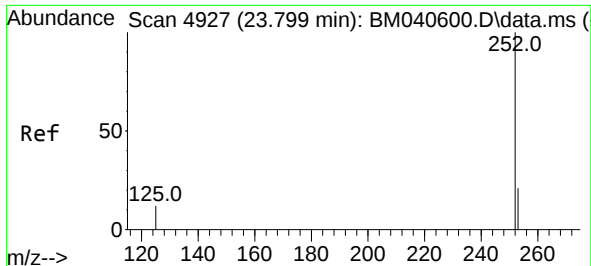
Ion Ratio Lower Upper

252 100

253 24.1 0.0 52.8

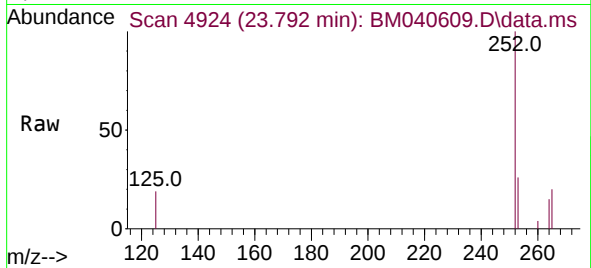
125 14.9 0.0 43.0



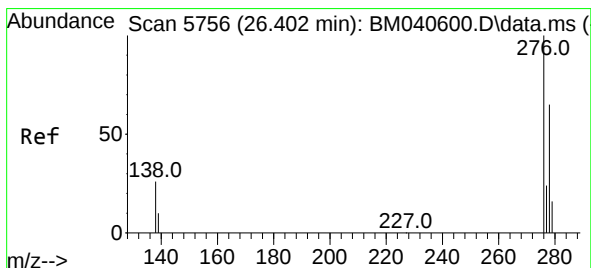
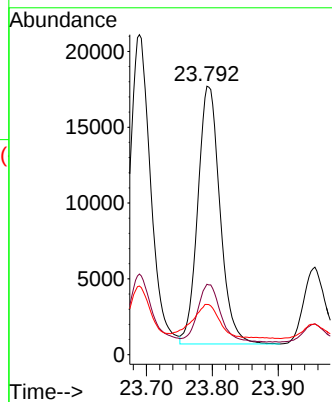
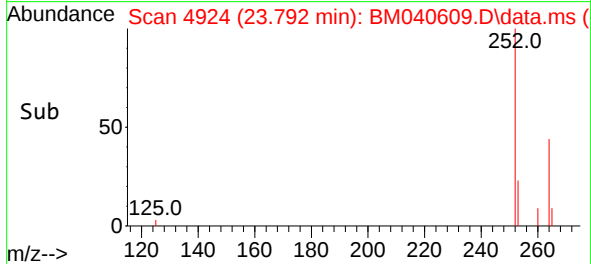


#26
Benzo(a)pyrene
Concen: 0.937 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

Instrument :
BNA_M
ClientSampleId :

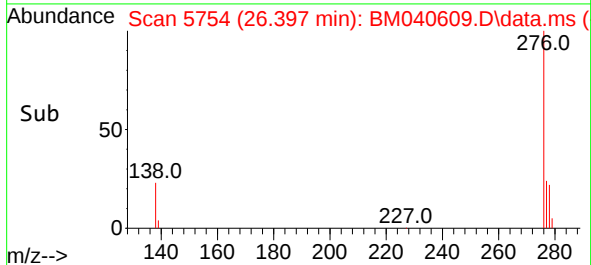
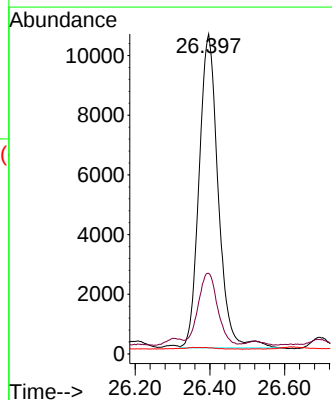
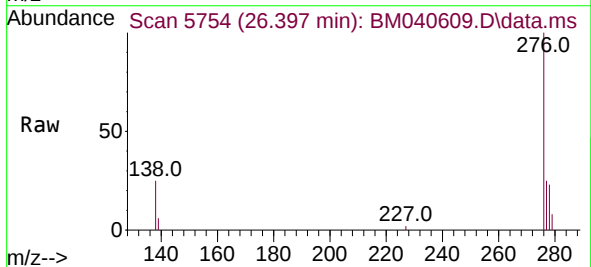


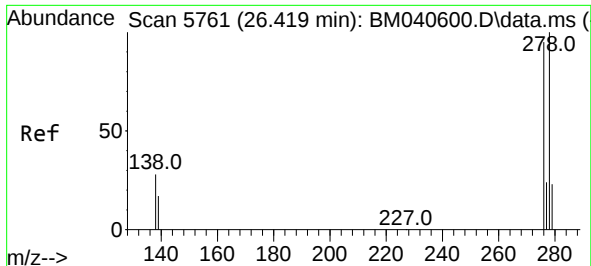
Tgt Ion:252 Resp: 39881
Ion Ratio Lower Upper
252 100
253 26.2 22.9 34.3
125 18.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.628 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

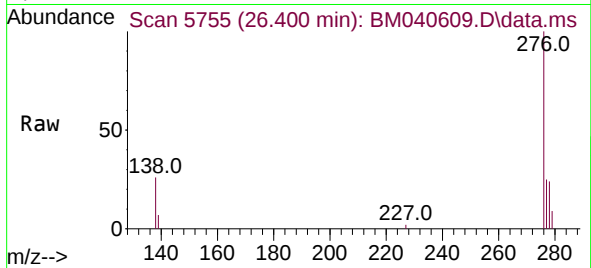
Tgt Ion:276 Resp: 37217
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#



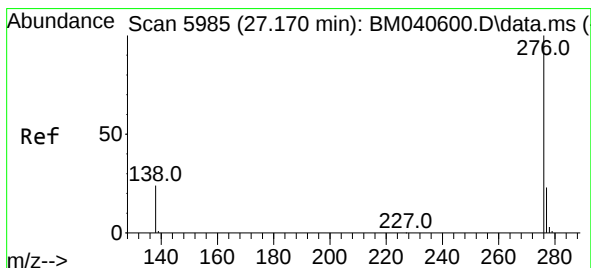
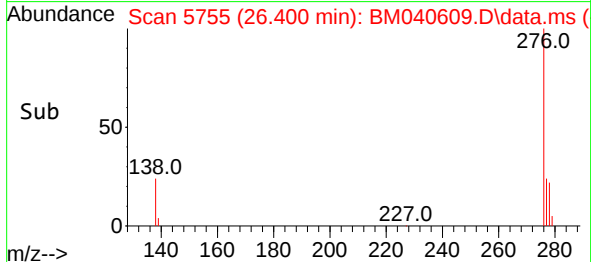
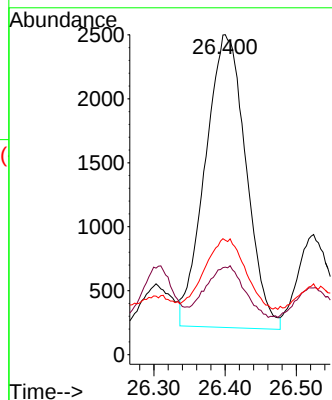


#28
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 26.400 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 9111
Ion Ratio Lower Upper
278 100
139 27.3 17.9 26.9#
279 35.7 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.598 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

Tgt Ion:276 Resp: 31045
Ion Ratio Lower Upper
276 100
138 26.9 23.0 34.6
277 25.2 20.3 30.5

