

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040614.D
 Acq On : 04 Jul 2023 16:33
 Operator : MA/JU
 Sample : 03246-01DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:40:35 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)

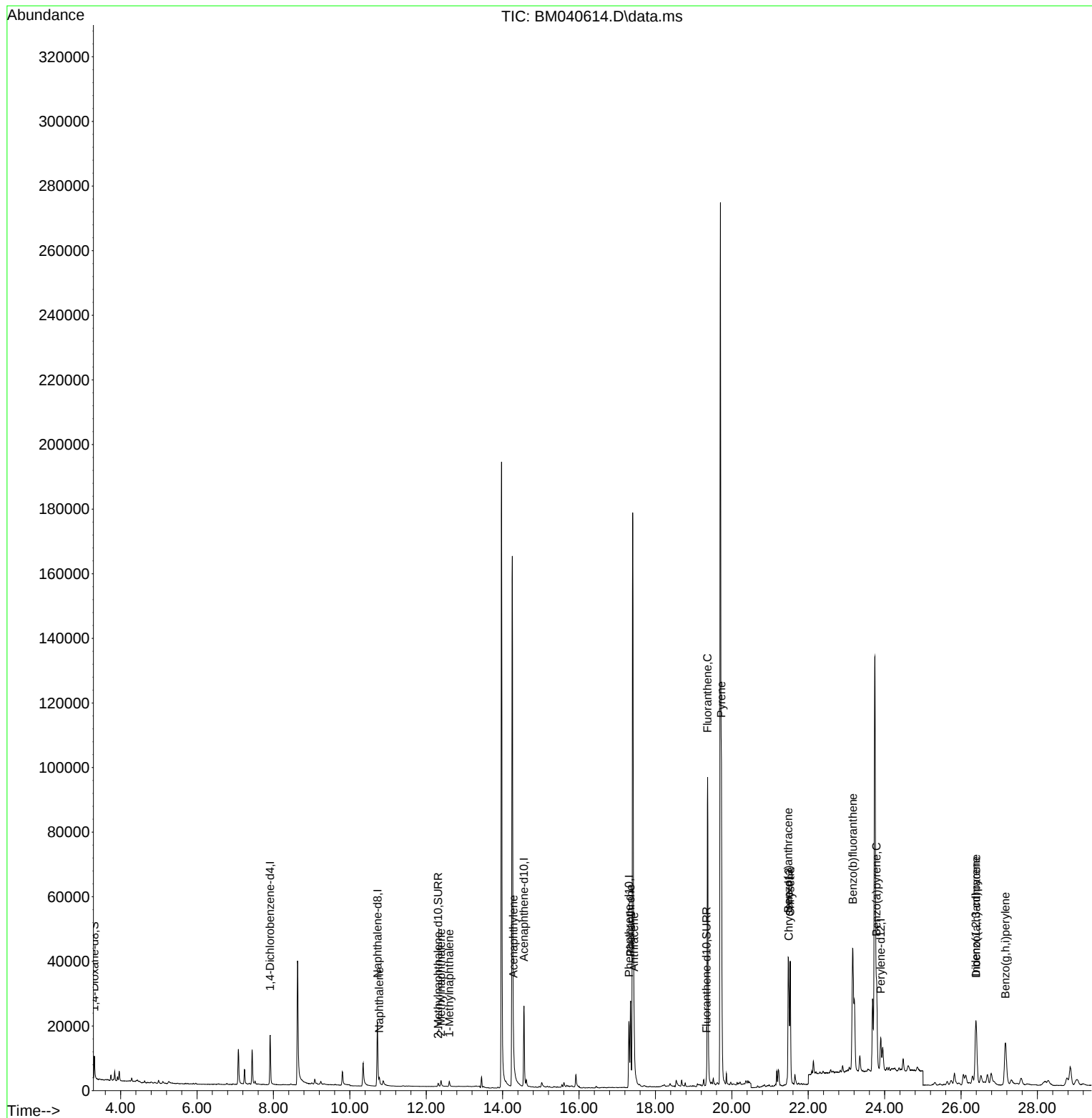
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	31437	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	14722	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	29339	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	17044	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	15611	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	4213	0.320	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1720	0.039	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	3154	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	3035	0.035	ng/ul#	89
7) 2-Methylnaphthalene	12.389	142	1764	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	1248	0.025	ng/ul	96
10) Acenaphthylene	14.281	152	6958	0.106	ng/ul	95
15) Phenanthrene	17.349	178	32508	0.357	ng/ul	99
16) Anthracene	17.442	178	7068	0.092	ng/ul#	94
19) Fluoranthene	19.366	202	94580	1.306	ng/ul	96
20) Pyrene	19.728	202	76156	0.981	ng/ul	99
21) Benzo(a)anthracene	21.477	228	39138	0.679	ng/ul	97
22) Chrysene	21.529	228	39137	0.595	ng/ul	97
24) Benzo(b)fluoranthene	23.166	252	72296	1.197	ng/ul	95
26) Benzo(a)pyrene	23.789	252	40182	0.738	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.387	276	39273	0.518	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.397	278	9118	0.154	ng/ul#	81
29) Benzo(g,h,i)perylene	27.162	276	34891	0.525	ng/ul	99

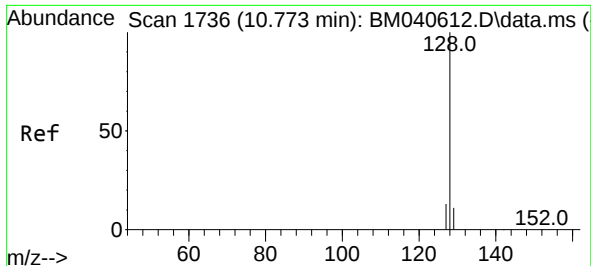
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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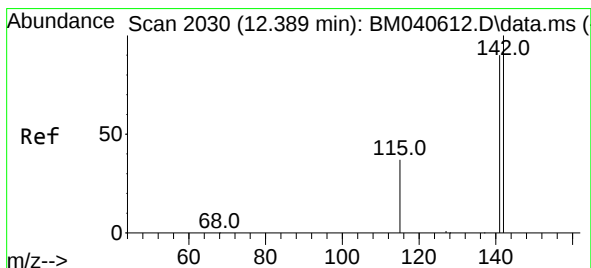
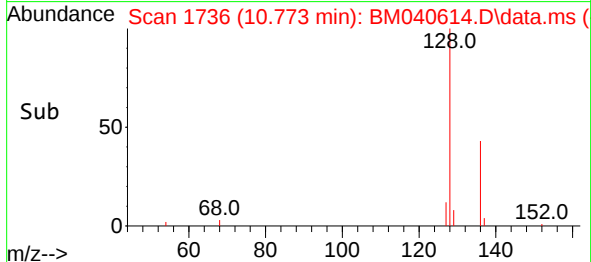
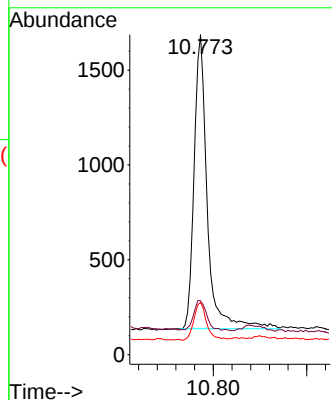
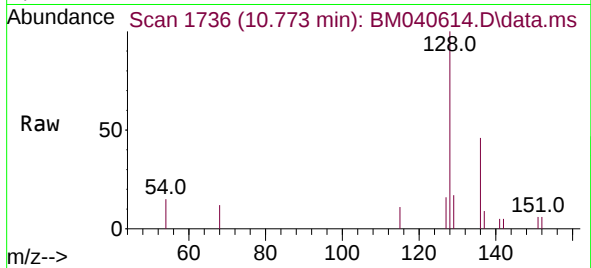




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.773 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

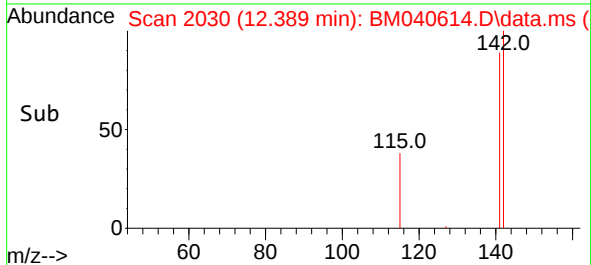
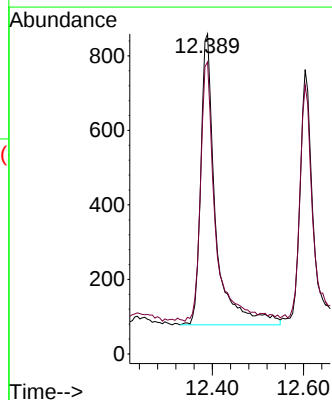
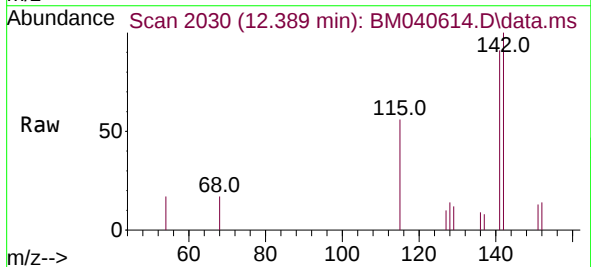
Instrument :
BNA_M
ClientSampleId :

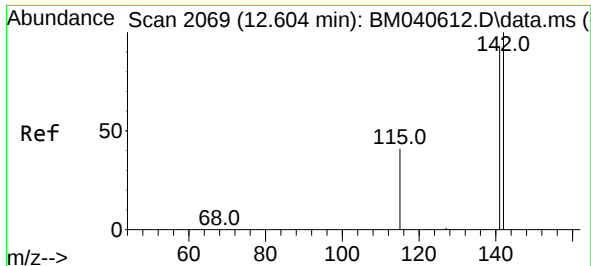
Tgt Ion:128 Resp: 3035
Ion Ratio Lower Upper
128 100
129 16.8 9.2 13.8#
127 16.2 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Tgt Ion:142 Resp: 1764
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9

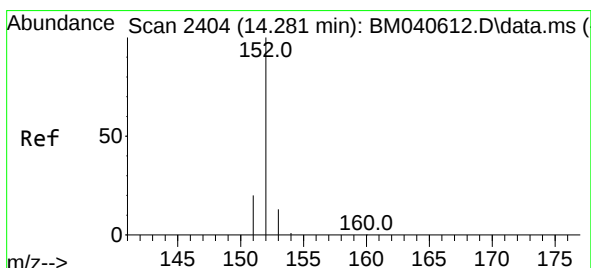
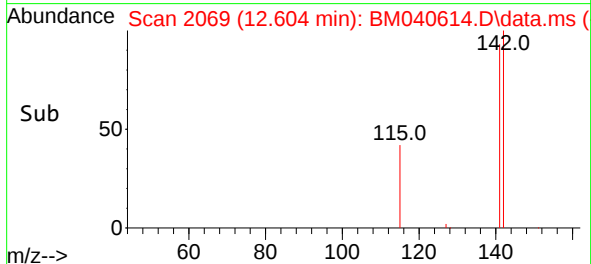
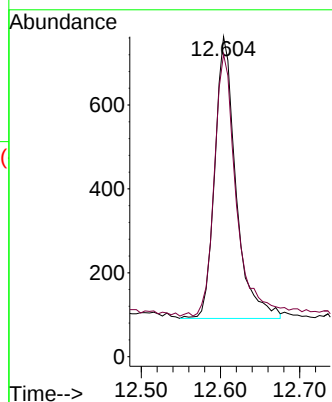
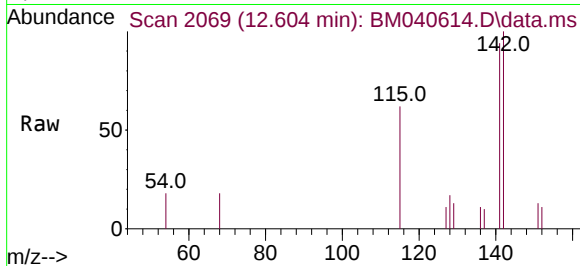




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

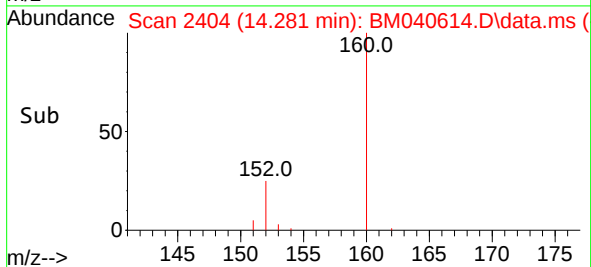
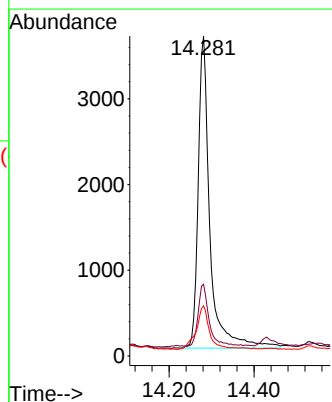
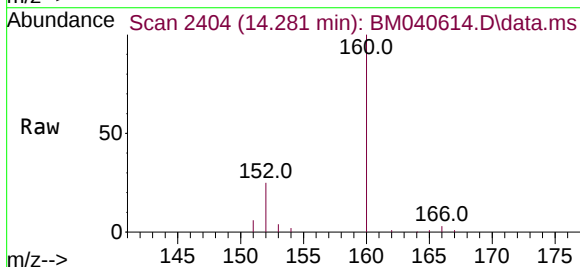
Instrument :
BNA_M
ClientSampleId :

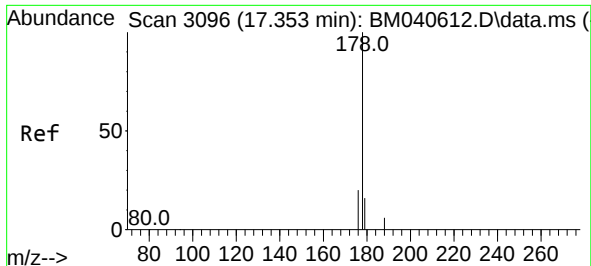
Tgt Ion:142 Resp: 1248
Ion Ratio Lower Upper
142 100
141 95.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Tgt Ion:152 Resp: 6958
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2
153 15.7 10.9 16.3

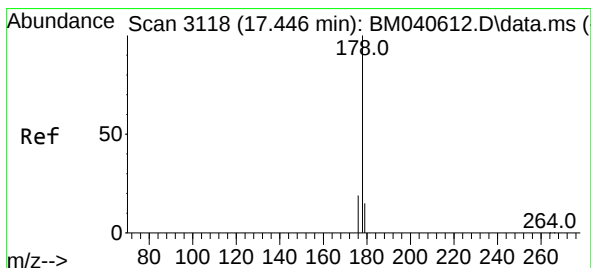
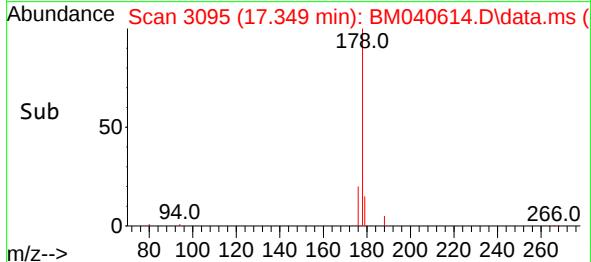
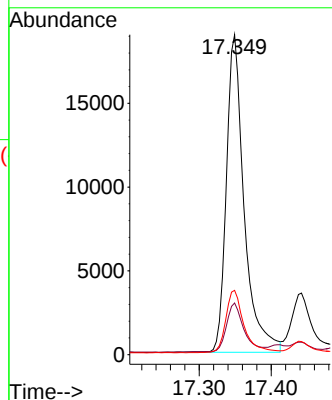
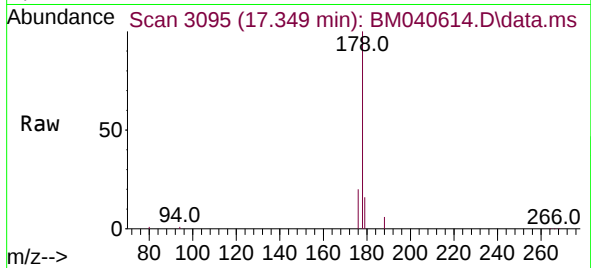




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

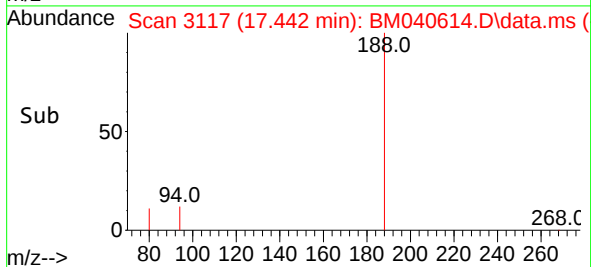
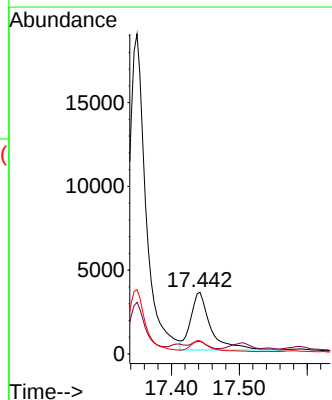
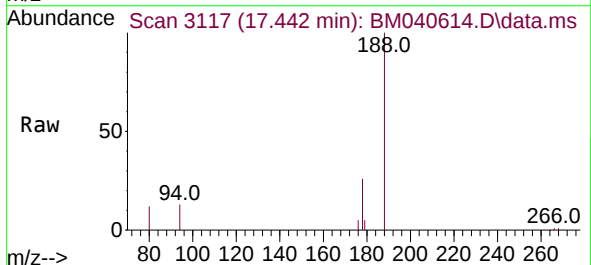
Instrument :
BNA_M
ClientSampleId :

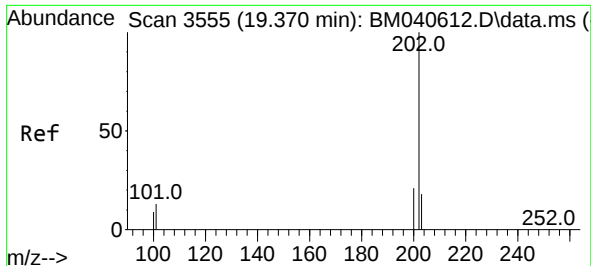
Tgt Ion:178 Resp: 32508
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.1 16.4 24.6



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Tgt Ion:178 Resp: 7068
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 21.4 15.8 23.6

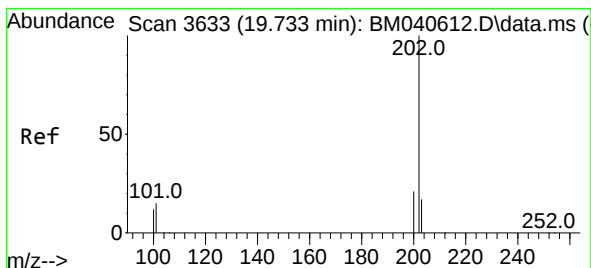
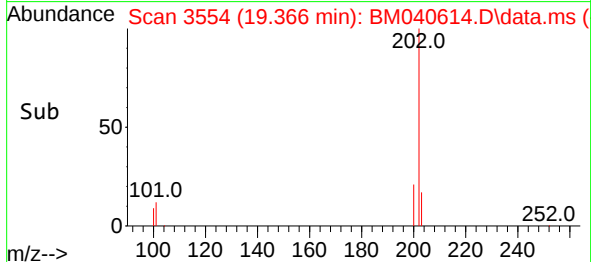
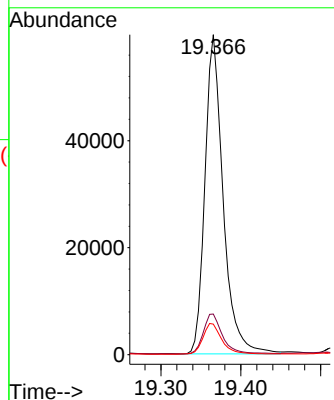
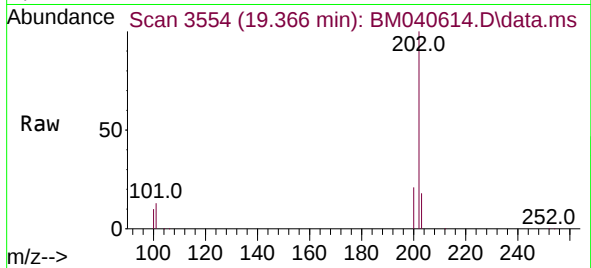




#19
Fluoranthene
Concen: 1.306 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

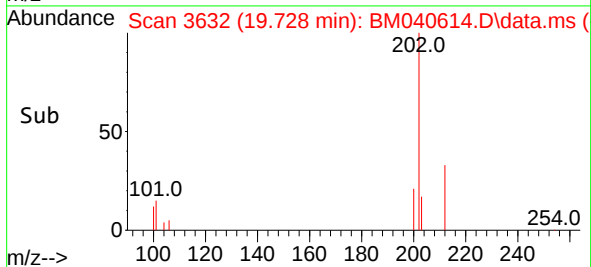
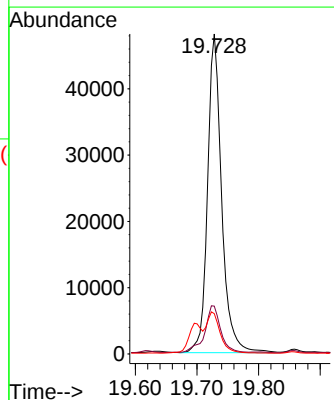
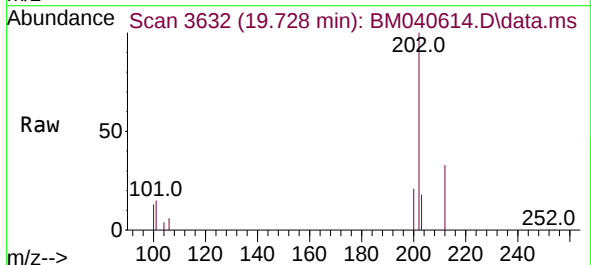
Instrument :
BNA_M
ClientSampleId :

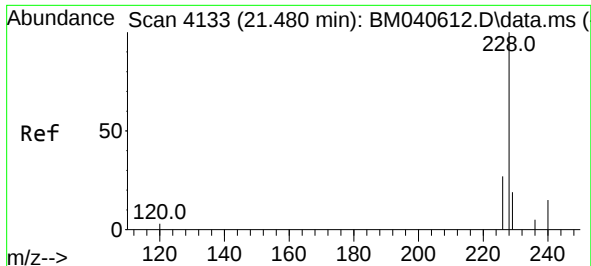
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.4	17.0
100	9.5	8.7	13.1



#20
Pyrene
Concen: 0.981 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

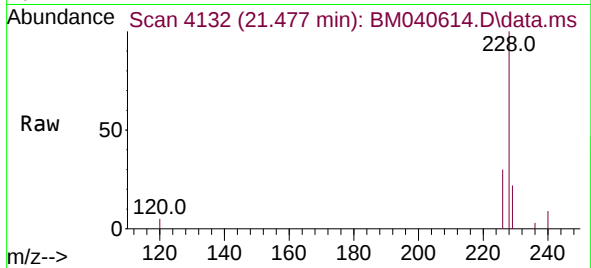
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.6	18.8
100	12.6	9.8	14.6



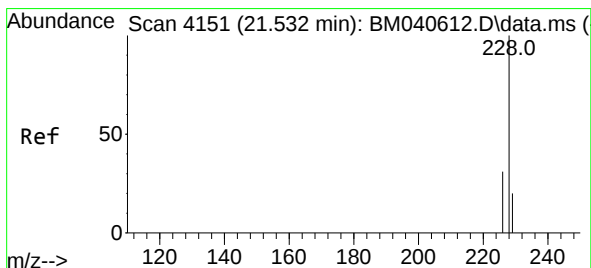
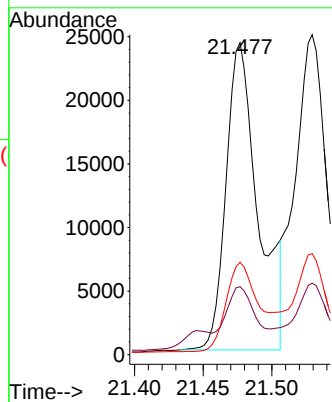
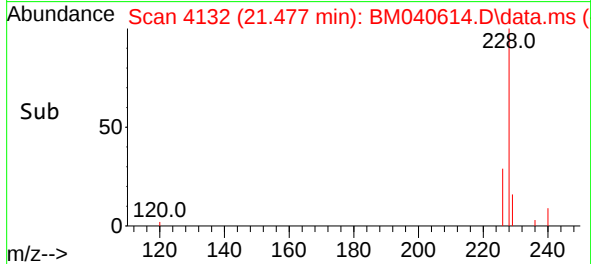


#21
Benzo(a)anthracene
Concen: 0.679 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.012 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Instrument :
BNA_M
ClientSampleId :

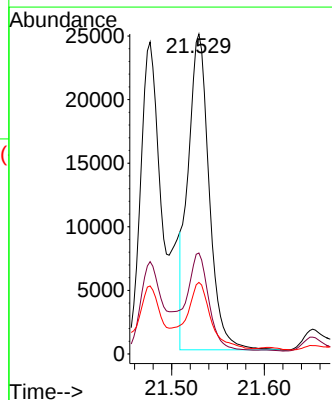
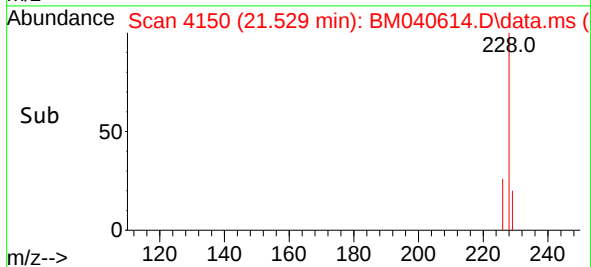
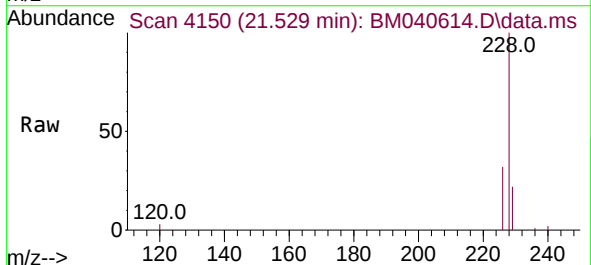


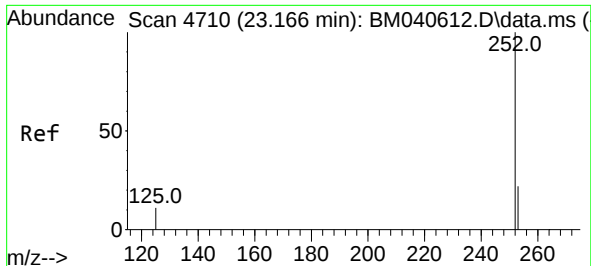
Tgt Ion:228 Resp: 39138
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 29.6 22.3 33.5



#22
Chrysene
Concen: 0.595 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

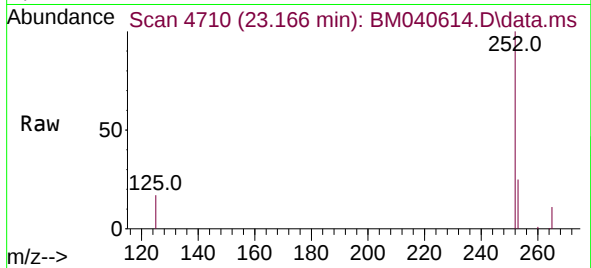
Tgt Ion:228 Resp: 39137
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.3 15.8 23.6



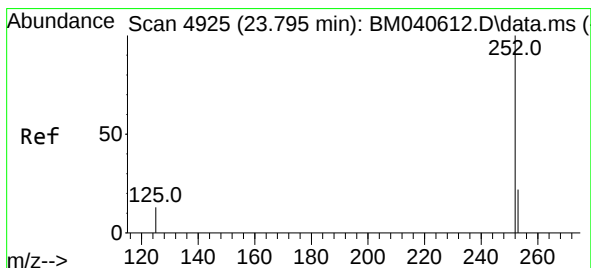
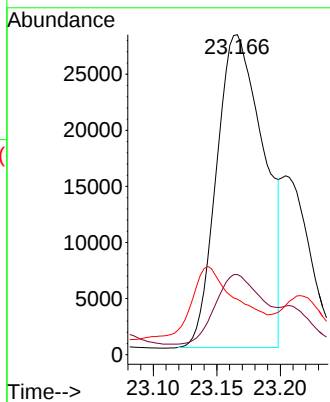
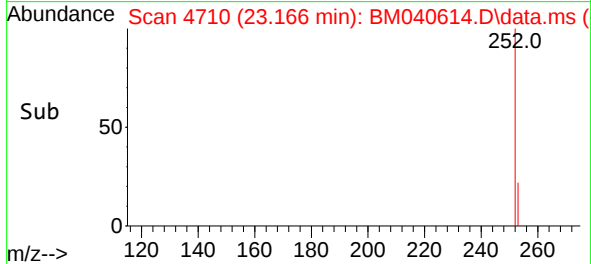


#24
Benzo(b)fluoranthene
Concen: 1.197 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Instrument :
BNA_M
ClientSampleId :

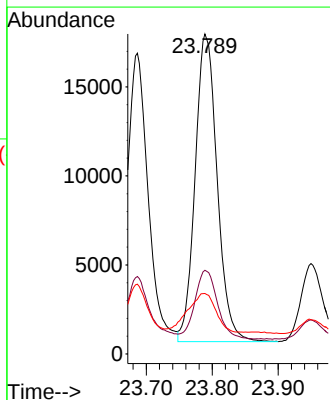
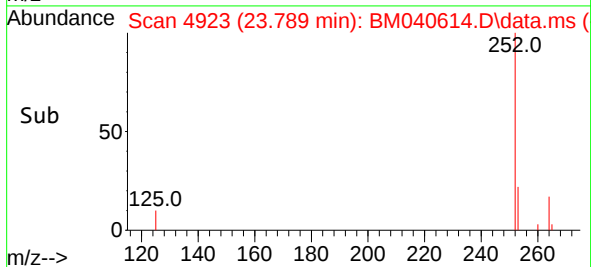
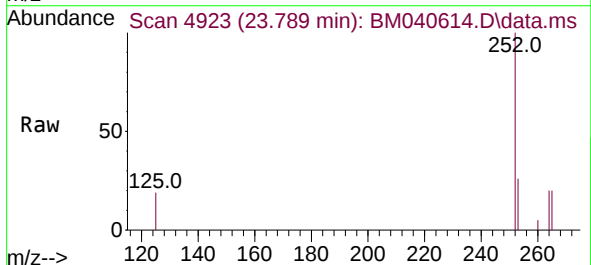


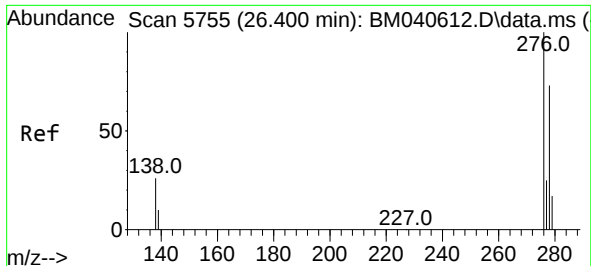
Tgt Ion:252 Resp: 72296
Ion Ratio Lower Upper
252 100
253 25.1 0.0 52.8
125 17.3 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.738 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040614.D
Acq: 04 Jul 2023 16:33

Tgt Ion:252 Resp: 40182
Ion Ratio Lower Upper
252 100
253 26.1 22.9 34.3
125 18.9 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.518 ng/ul

RT: 26.387 min Scan# 5751

Delta R.T. -0.030 min

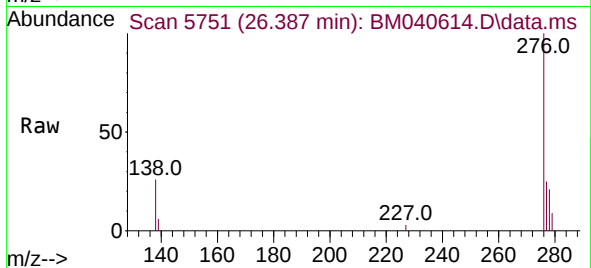
Lab File: BM040614.D

Acq: 04 Jul 2023 16:33

Instrument :

BNA_M

ClientSampleId :



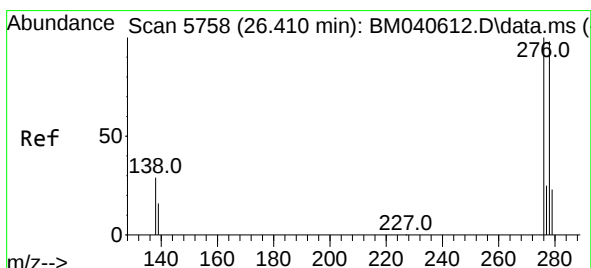
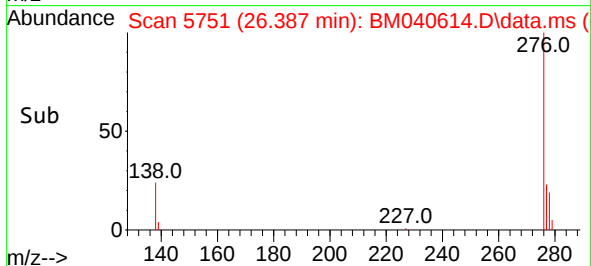
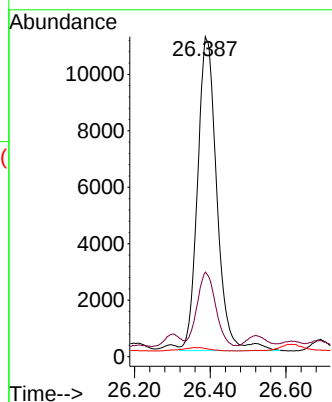
Tgt Ion:276 Resp: 39273

Ion Ratio Lower Upper

276 100

138 22.2 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.154 ng/ul

RT: 26.397 min Scan# 5754

Delta R.T. -0.034 min

Lab File: BM040614.D

Acq: 04 Jul 2023 16:33

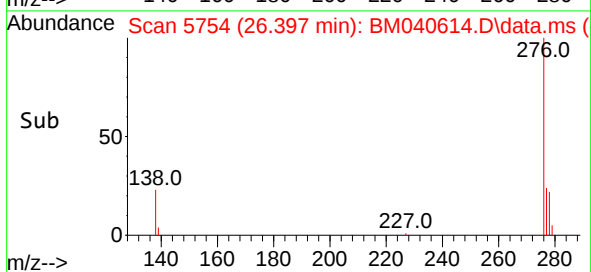
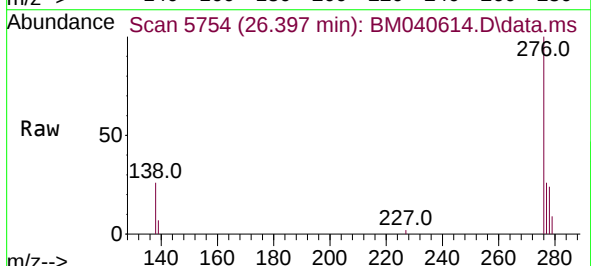
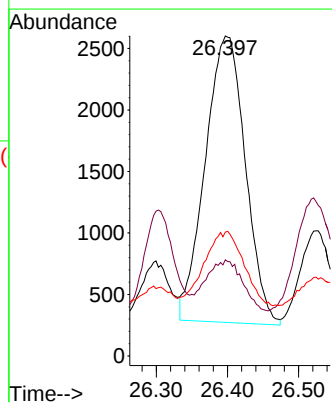
Tgt Ion:278 Resp: 9118

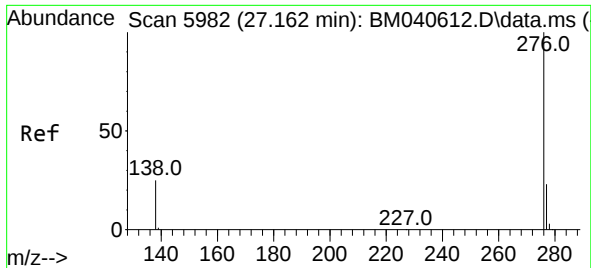
Ion Ratio Lower Upper

278 100

139 30.1 17.9 26.9#

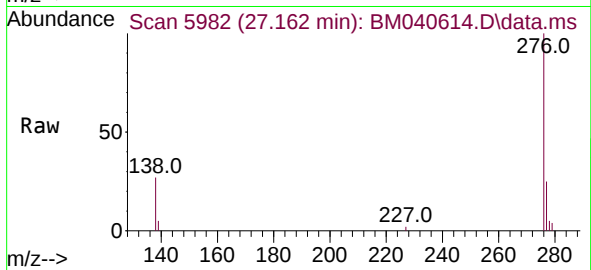
279 38.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.525 ng/ul
 RT: 27.162 min Scan# 5982
 Delta R.T. -0.020 min
 Lab File: BM040614.D
 Acq: 04 Jul 2023 16:33

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	34891
Ion Ratio	Lower	Upper	
276	100		
138	27.4	23.0	34.6
277	25.4	20.3	30.5

