

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040624.D
 Acq On : 04 Jul 2023 22:45
 Operator : MA/JU
 Sample : 03244-18DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:42:53 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)

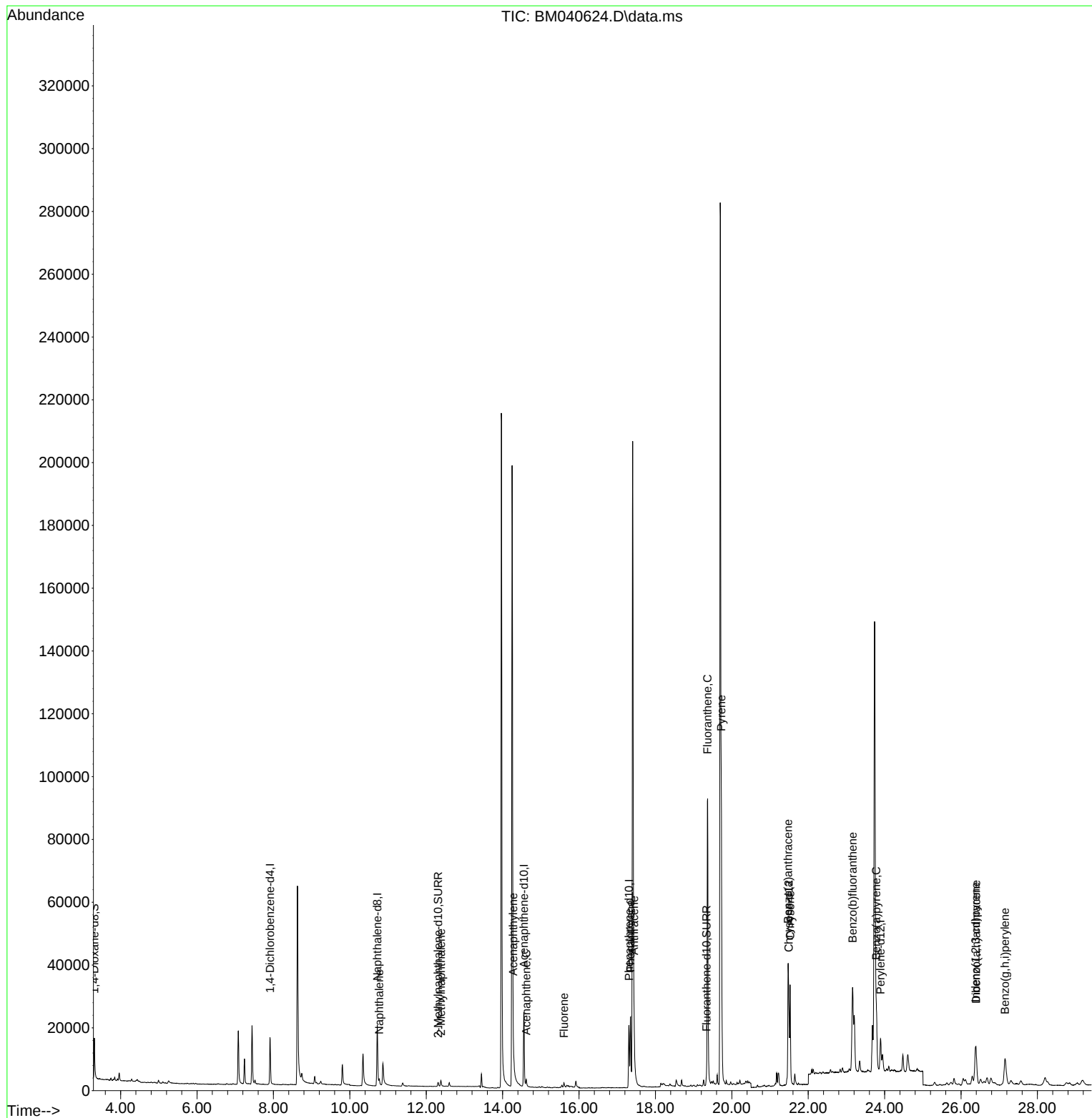
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	7996	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.718	136	29909	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.554	164	13967	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.307	188	27151	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	16532	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	15733	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	7831	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2215	0.053	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	3375	0.064	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	2252	0.027	ng/ul#	82
7) 2-Methylnaphthalene	12.384	142	1665	0.034	ng/ul	99
10) Acenaphthylene	14.276	152	3056	0.049	ng/ul#	86
11) Acenaphthene	14.619	153	1276	0.024	ng/ul	95
12) Fluorene	15.604	166	1126	0.020	ng/ul#	88
15) Phenanthrene	17.349	178	27885	0.331	ng/ul	99
16) Anthracene	17.438	178	8209	0.116	ng/ul#	94
19) Fluoranthene	19.366	202	91283	1.300	ng/ul	96
20) Pyrene	19.723	202	69486	0.923	ng/ul	99
21) Benzo(a)anthracene	21.471	228	37866	0.677	ng/ul	98
22) Chrysene	21.526	228	32123	0.504	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	51303	0.843	ng/ul	96
26) Benzo(a)pyrene	23.783	252	27640	0.504	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.380	276	24493	0.321	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.394	278	6146	0.103	ng/ul#	69
29) Benzo(g,h,i)perylene	27.152	276	22700	0.339	ng/ul	99

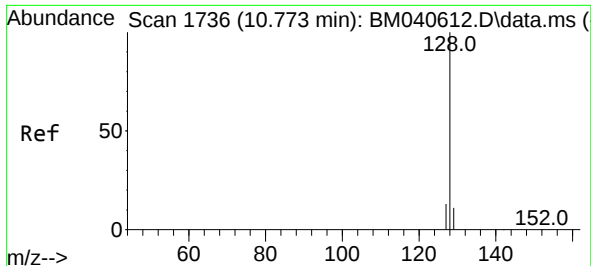
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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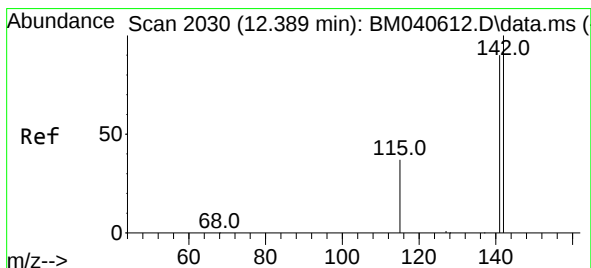
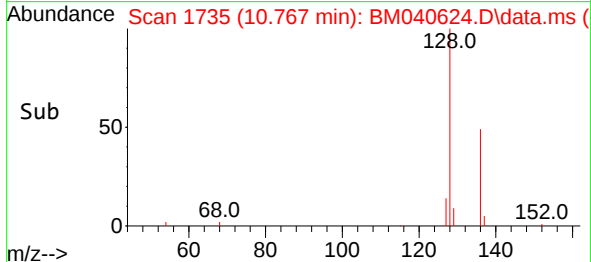
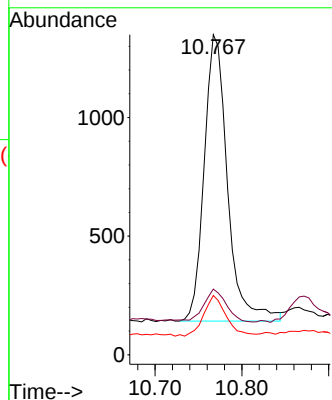
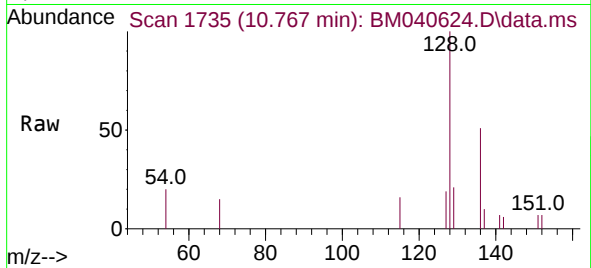




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

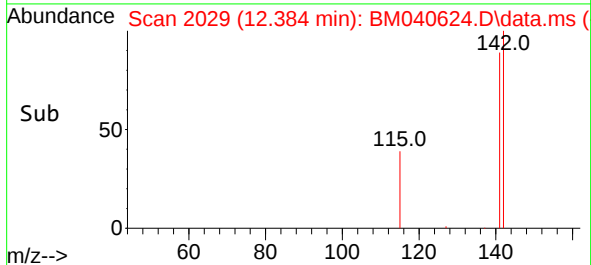
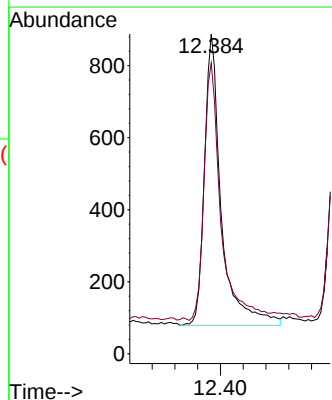
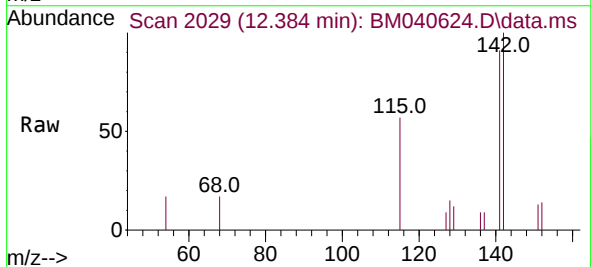
Instrument :
BNA_M
ClientSampleId :

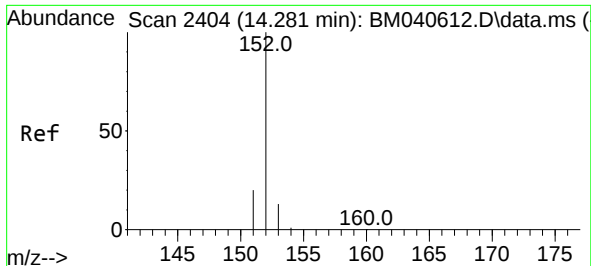
Tgt Ion:128 Resp: 2252
Ion Ratio Lower Upper
128 100
129 20.5 9.2 13.8#
127 18.5 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

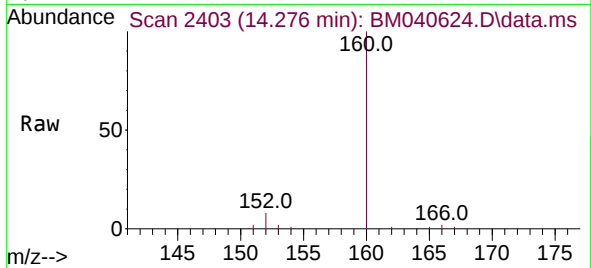
Tgt Ion:142 Resp: 1665
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9



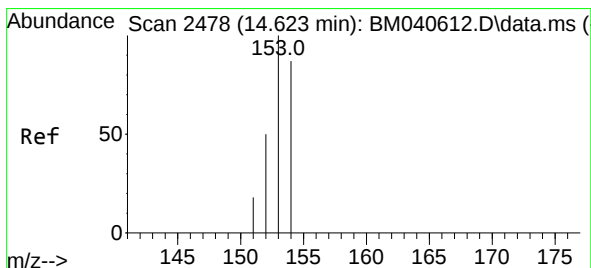
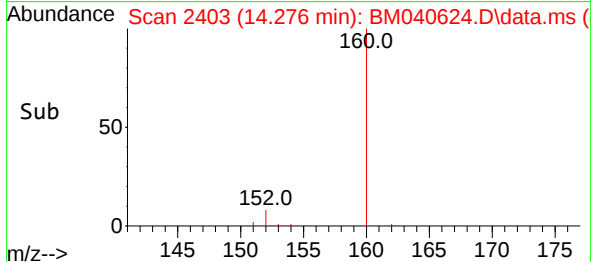
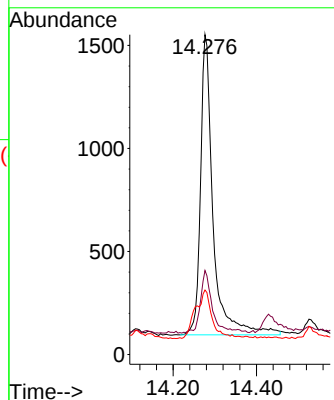


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.276 min Scan# 2404
Delta R.T. -0.014 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Instrument :
BNA_M
ClientSampleId :

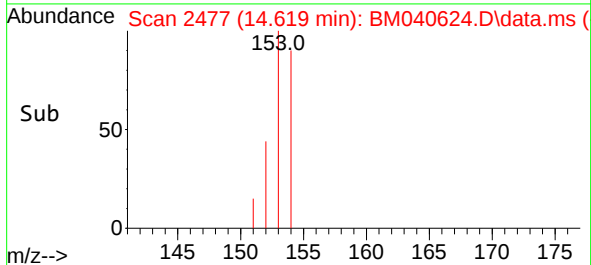
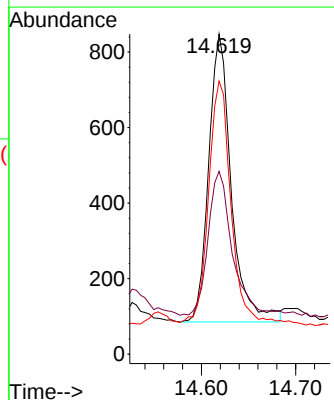
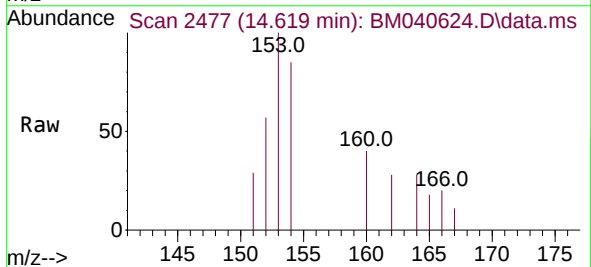


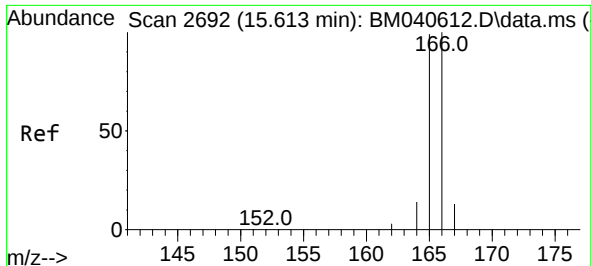
Tgt Ion:152 Resp: 3056
Ion Ratio Lower Upper
152 100
151 26.3 16.2 24.2#
153 20.2 10.9 16.3#



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Tgt Ion:153 Resp: 1276
Ion Ratio Lower Upper
153 100
152 57.1 41.0 61.4
154 85.3 70.8 106.2

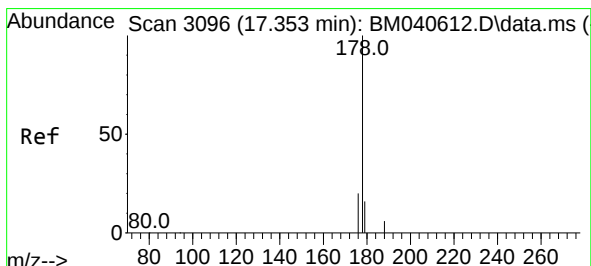
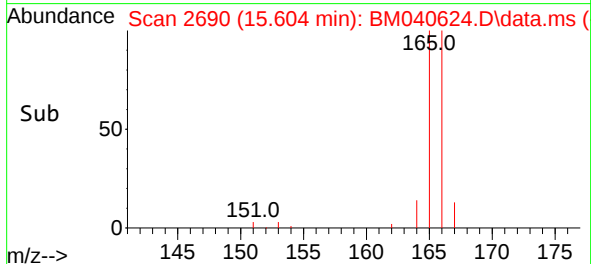
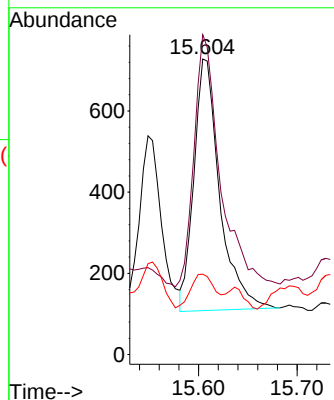
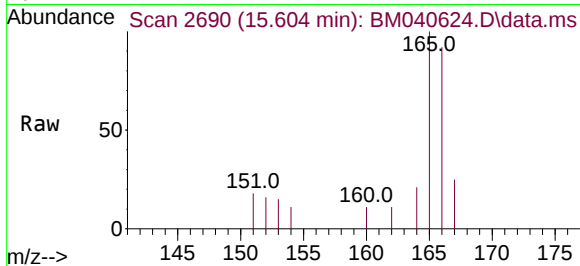




#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.604 min Scan# 2095
Delta R.T. -0.014 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

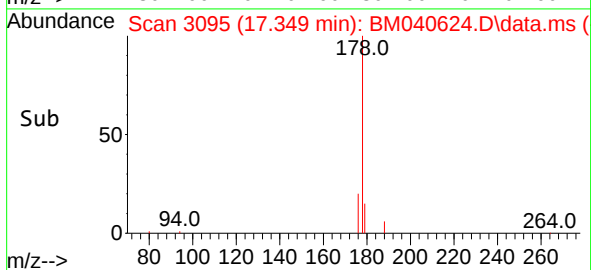
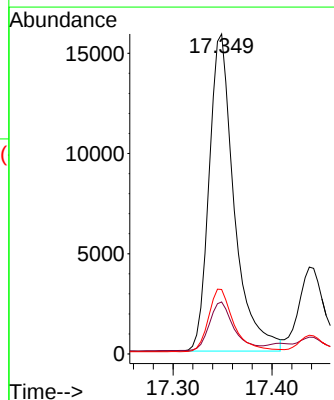
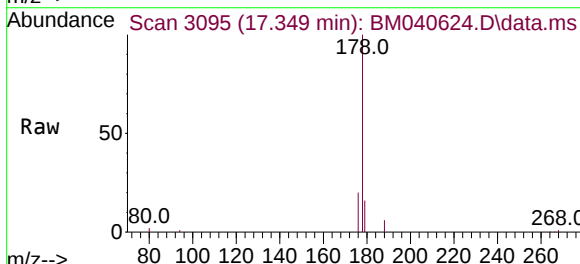
Instrument :
BNA_M
ClientSampleId :

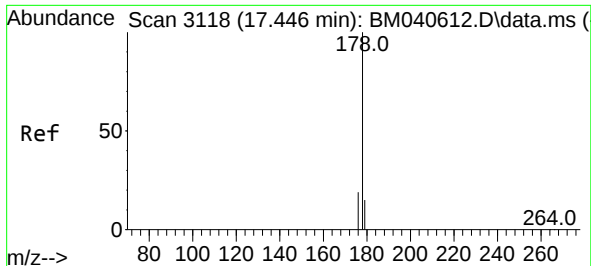
Tgt Ion:166 Resp: 1126
Ion Ratio Lower Upper
166 100
165 108.2 79.6 119.4
167 27.2 11.4 17.0#



#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

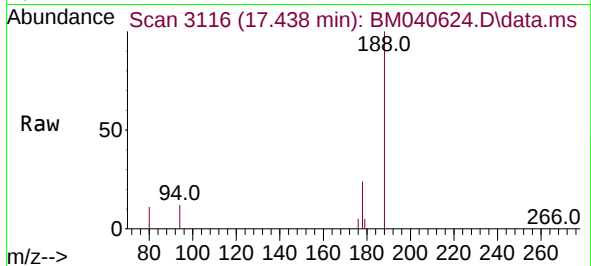
Tgt Ion:178 Resp: 27885
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.2 16.4 24.6



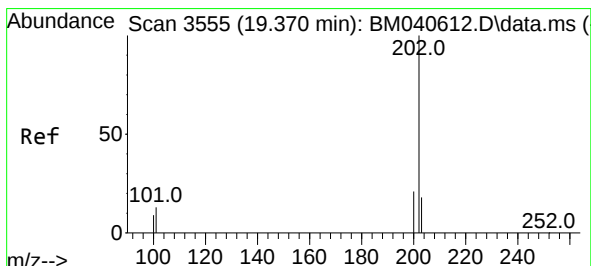
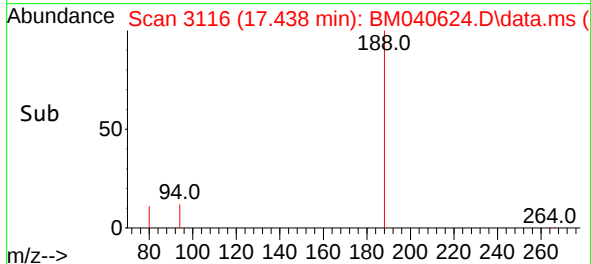
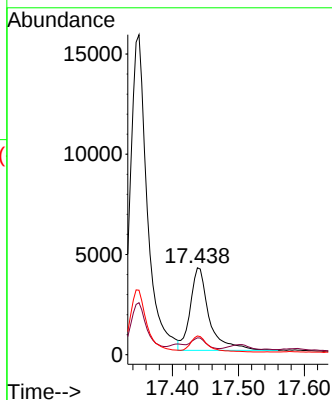


#16
 Anthracene
 Concen: 0.116 ng/ul
 RT: 17.438 min Scan# 3116
 Delta R.T. -0.017 min
 Lab File: BM040624.D
 Acq: 04 Jul 2023 22:45

Instrument :
 BNA_M
 ClientSampleId :

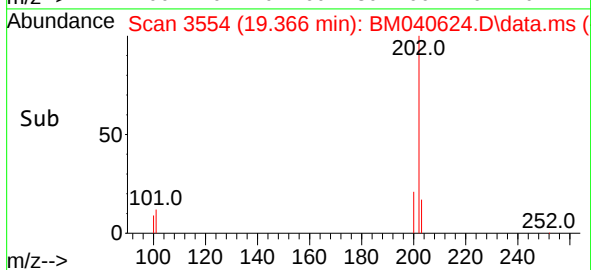
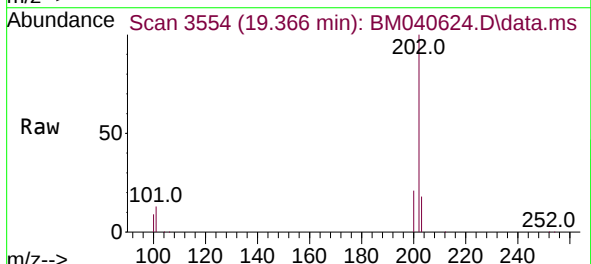
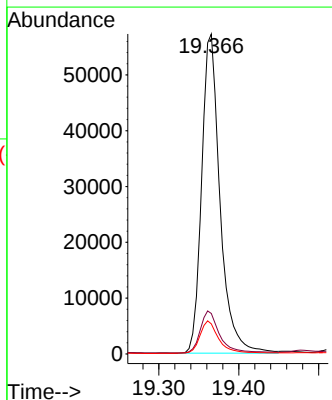


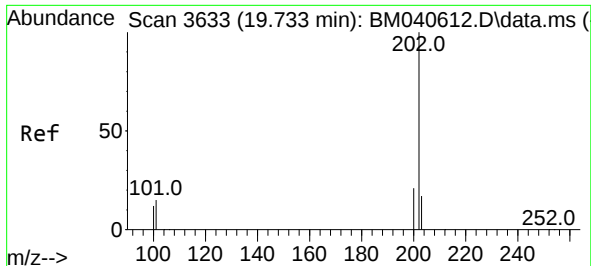
Tgt Ion:178 Resp: 8209
 Ion Ratio Lower Upper
 178 100
 179 19.3 12.9 19.3#
 176 21.5 15.8 23.6



#19
 Fluoranthene
 Concen: 1.300 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.014 min
 Lab File: BM040624.D
 Acq: 04 Jul 2023 22:45

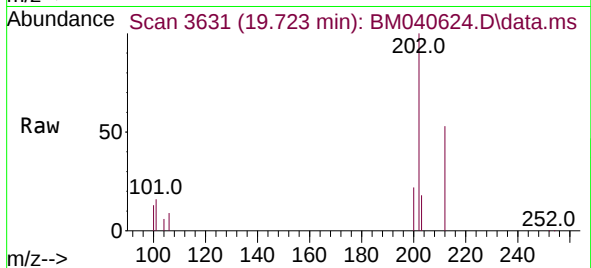
Tgt Ion:202 Resp: 91283
 Ion Ratio Lower Upper
 202 100
 101 12.6 11.4 17.0
 100 9.4 8.7 13.1



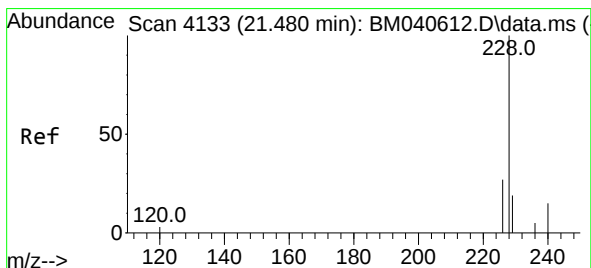
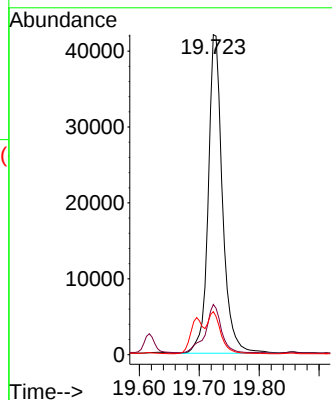
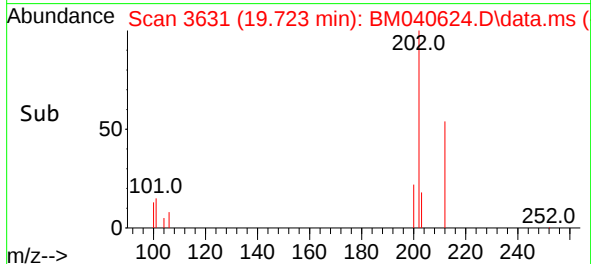


#20
 Pyrene
 Concen: 0.923 ng/ul
 RT: 19.723 min Scan# 3631
 Delta R.T. -0.019 min
 Lab File: BM040624.D
 Acq: 04 Jul 2023 22:45

Instrument :
 BNA_M
 ClientSampleId :

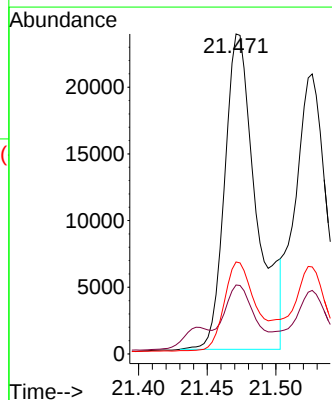
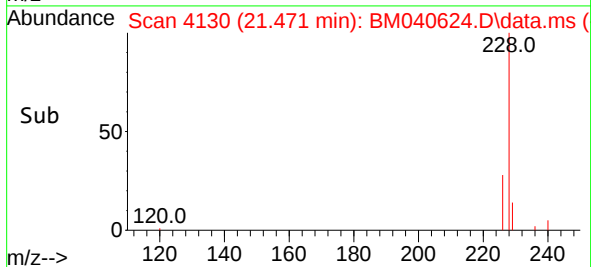
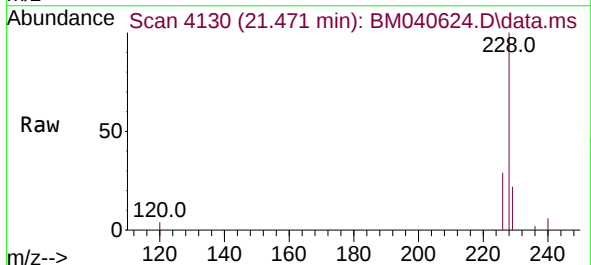


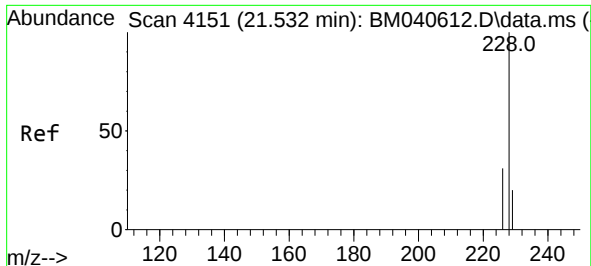
Tgt Ion:202 Resp: 69486
 Ion Ratio Lower Upper
 202 100
 101 15.7 12.6 18.8
 100 13.5 9.8 14.6



#21
 Benzo(a)anthracene
 Concen: 0.677 ng/ul
 RT: 21.471 min Scan# 4130
 Delta R.T. -0.018 min
 Lab File: BM040624.D
 Acq: 04 Jul 2023 22:45

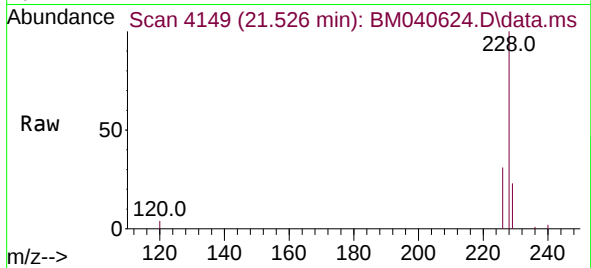
Tgt Ion:228 Resp: 37866
 Ion Ratio Lower Upper
 228 100
 229 21.5 16.0 24.0
 226 28.8 22.3 33.5



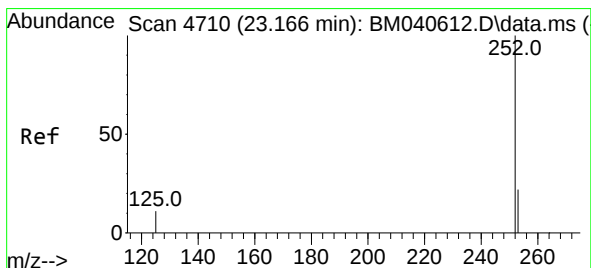
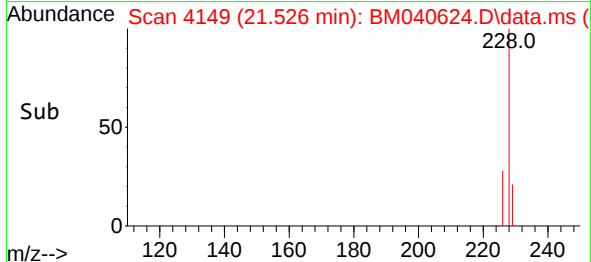
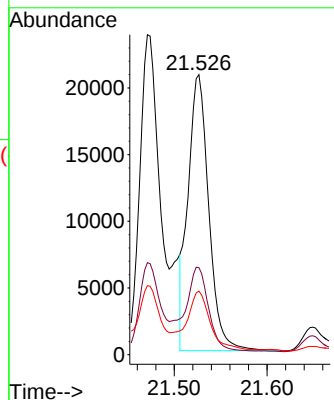


#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.526 min Scan# 4151
Delta R.T. -0.015 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Instrument :
BNA_M
ClientSampleId :

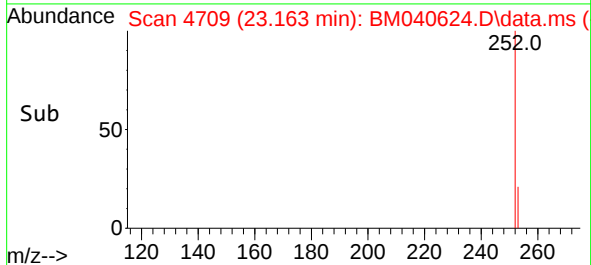
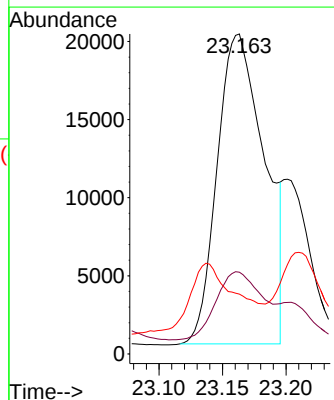
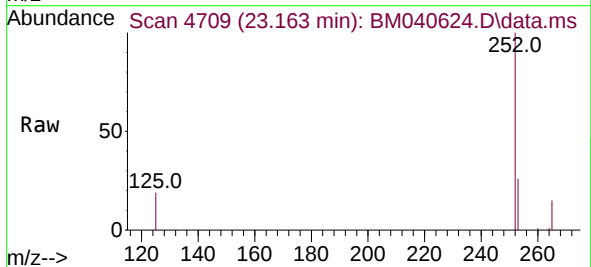


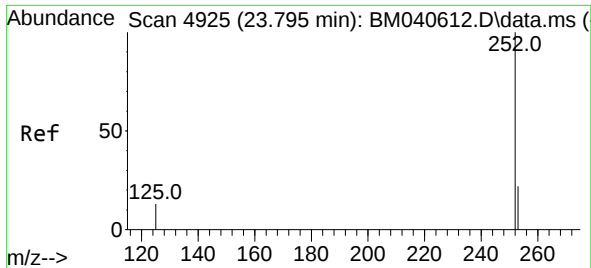
Tgt Ion:228 Resp: 32123
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.7 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 0.843 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.018 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Tgt Ion:252 Resp: 51303
Ion Ratio Lower Upper
252 100
253 25.6 0.0 52.8
125 18.7 0.0 43.0

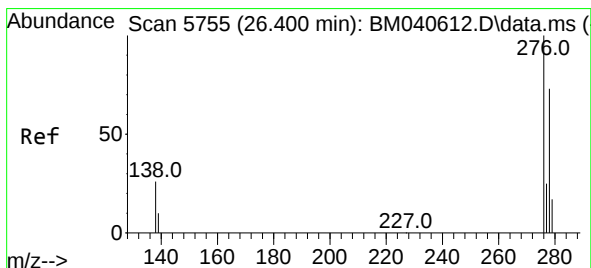
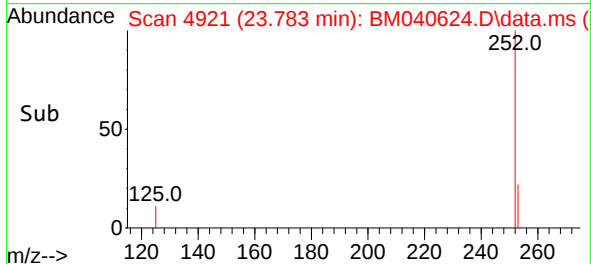
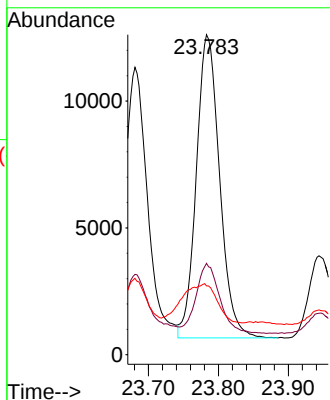
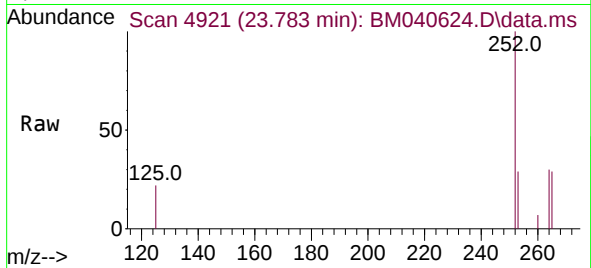




#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.021 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

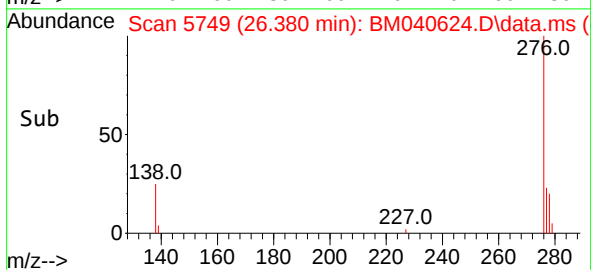
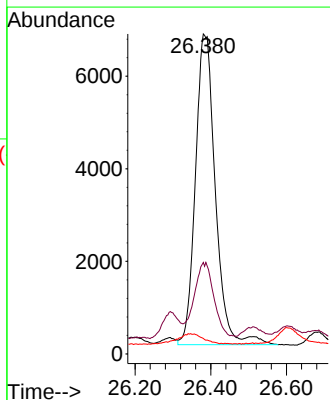
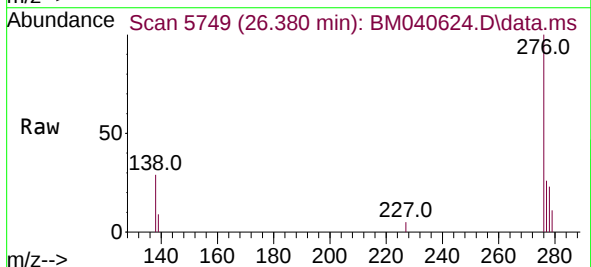
Instrument :
BNA_M
ClientSampleId :

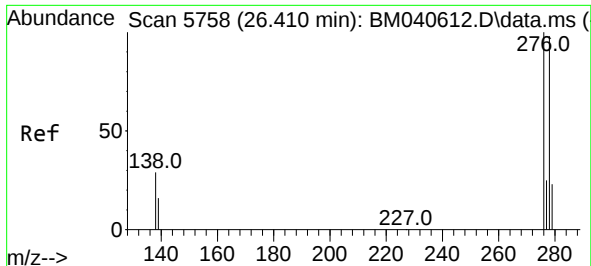
Tgt Ion:252 Resp: 27640
Ion Ratio Lower Upper
252 100
253 28.5 22.9 34.3
125 21.5 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.037 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

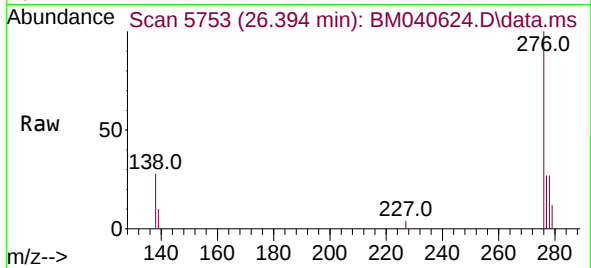
Tgt Ion:276 Resp: 24493
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.1 0.1#



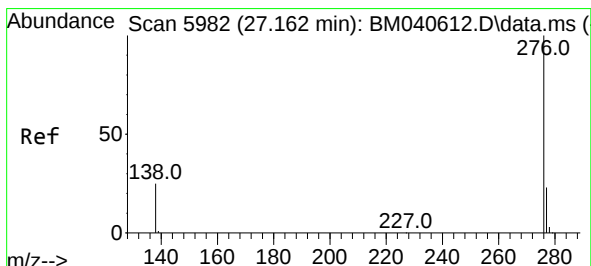
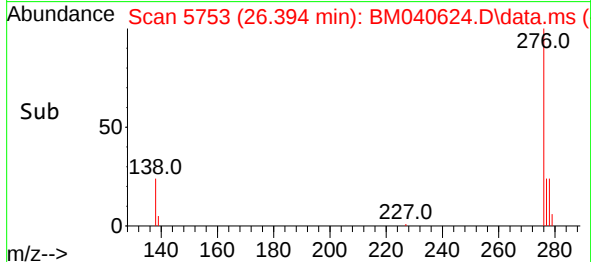
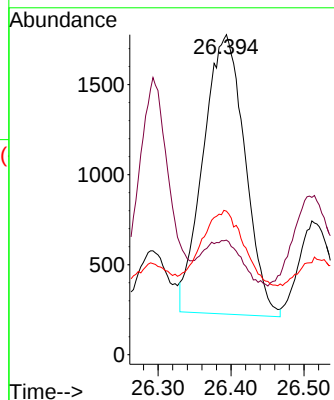


#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 26.394 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 6146
Ion Ratio Lower Upper
278 100
139 35.8 17.9 26.9#
279 44.9 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.152 min Scan# 5979
Delta R.T. -0.030 min
Lab File: BM040624.D
Acq: 04 Jul 2023 22:45

Tgt Ion:276 Resp: 22700
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.6
277 26.2 20.3 30.5

