

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040615.D
 Acq On : 04 Jul 2023 17:10
 Operator : MA/JU
 Sample : 03246-06DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:40:49 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)

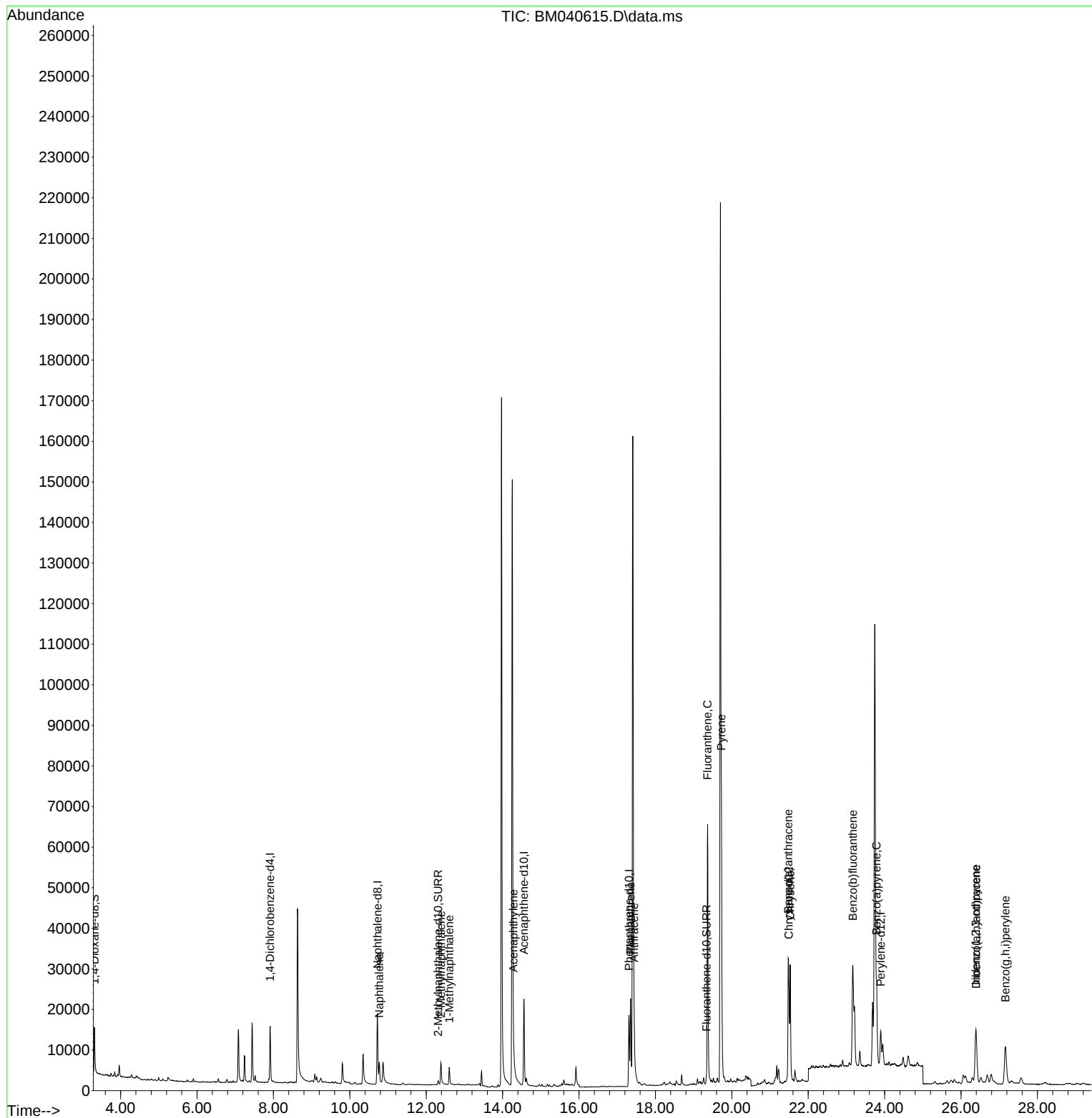
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	7486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	27819	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12811	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	24336	0.400	ng/ul	-0.01
17) Chrysene-d12	21.492	240	13890	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	13408	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	6794	0.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1817	0.047	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	2511	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	7524	0.098	ng/ul#	94
7) 2-Methylnaphthalene	12.384	142	5253	0.117	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	3377	0.075	ng/ul	100
10) Acenaphthylene	14.281	152	4911	0.086	ng/ul#	91
15) Phenanthrene	17.349	178	27675	0.366	ng/ul	100
16) Anthracene	17.442	178	6112	0.096	ng/ul#	91
19) Fluoranthene	19.366	202	62656	1.062	ng/ul	96
20) Pyrene	19.728	202	52498	0.830	ng/ul	99
21) Benzo(a)anthracene	21.477	228	31562	0.672	ng/ul	95
22) Chrysene	21.529	228	29378	0.548	ng/ul	97
24) Benzo(b)fluoranthene	23.166	252	49293	0.950	ng/ul	97
26) Benzo(a)pyrene	23.789	252	28152	0.602	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.390	276	25929	0.398	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.397	278	6352	0.125	ng/ul#	75
29) Benzo(g,h,i)perylene	27.162	276	24243	0.425	ng/ul	98

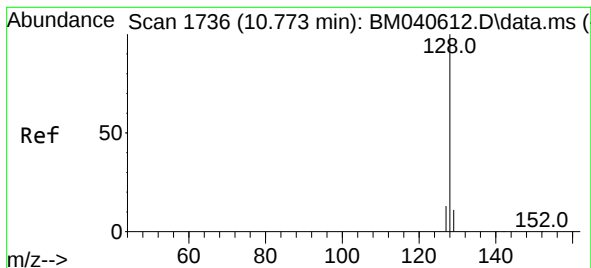
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.098 ng/ul

RT: 10.773 min Scan# 1

Delta R.T. -0.011 min

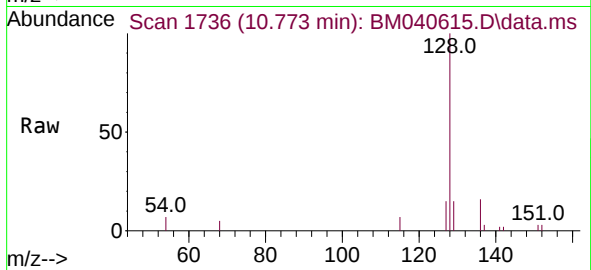
Lab File: BM040615.D

Acq: 04 Jul 2023 17:10

Instrument :

BNA_M

ClientSampleId :



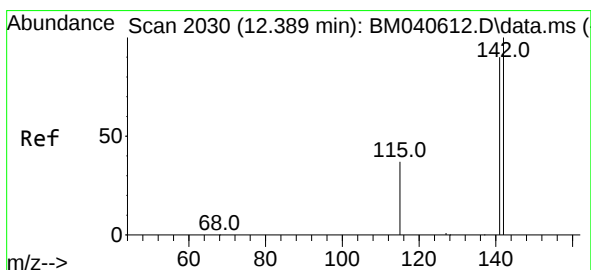
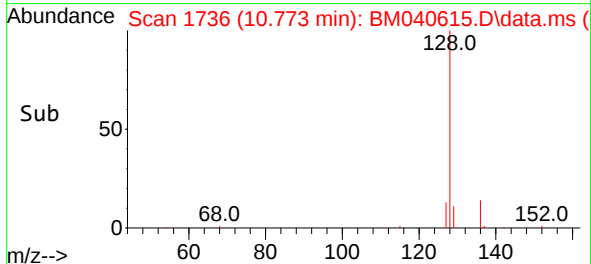
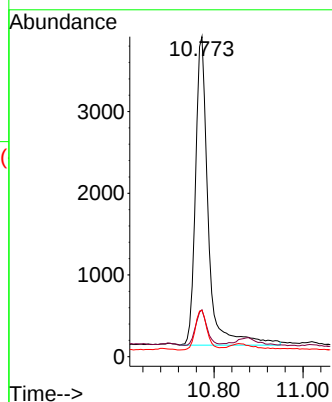
Tgt Ion:128 Resp: 7524

Ion Ratio Lower Upper

128 100

129 14.7 9.2 13.8#

127 14.5 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.117 ng/ul

RT: 12.384 min Scan# 2029

Delta R.T. -0.011 min

Lab File: BM040615.D

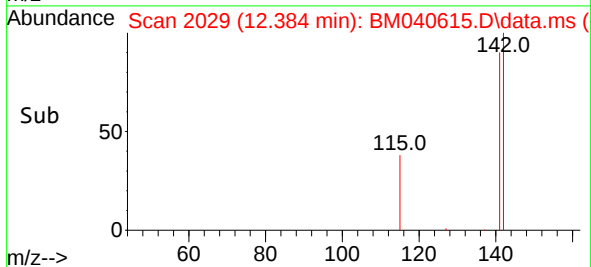
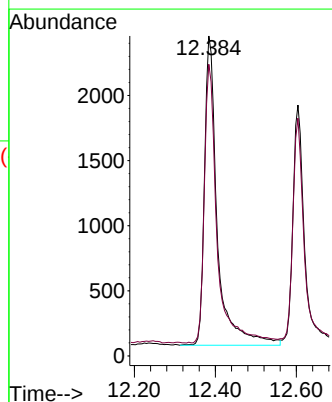
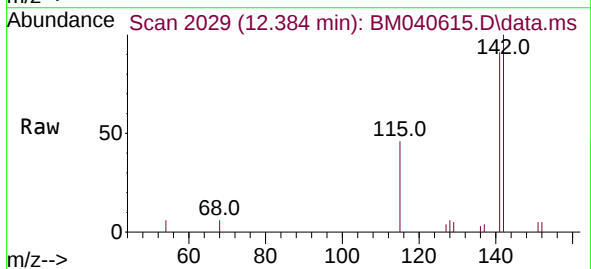
Acq: 04 Jul 2023 17:10

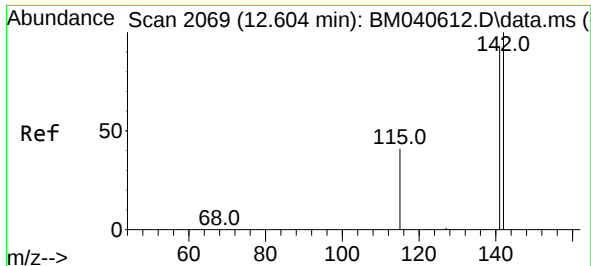
Tgt Ion:142 Resp: 5253

Ion Ratio Lower Upper

142 100

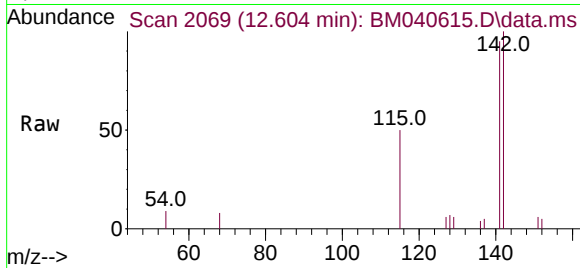
141 89.3 71.9 107.9



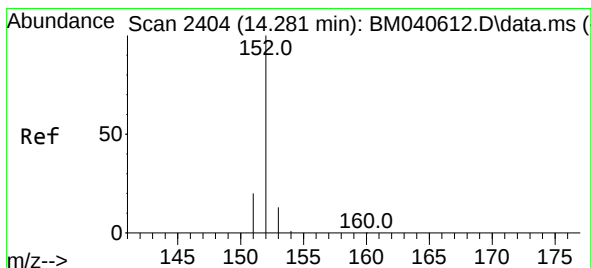
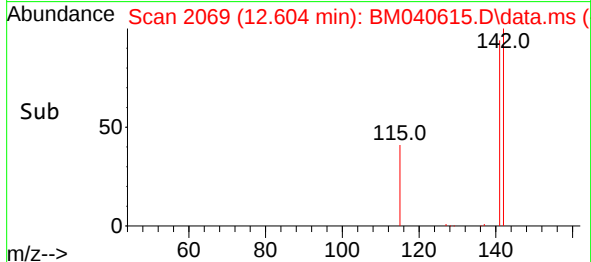
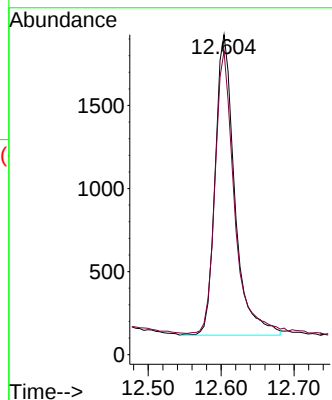


#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

Instrument :
BNA_M
ClientSampleId :

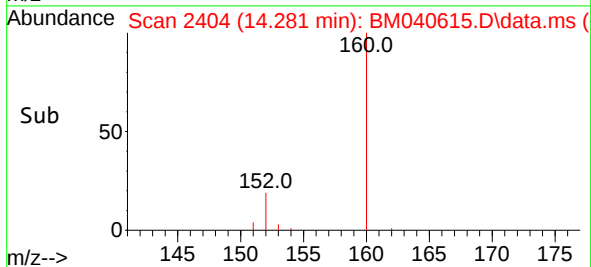
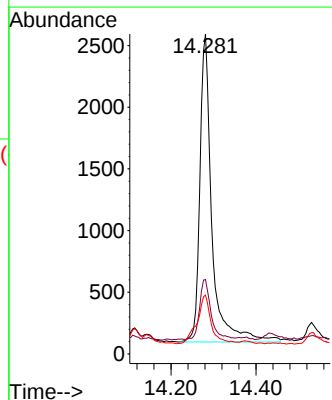
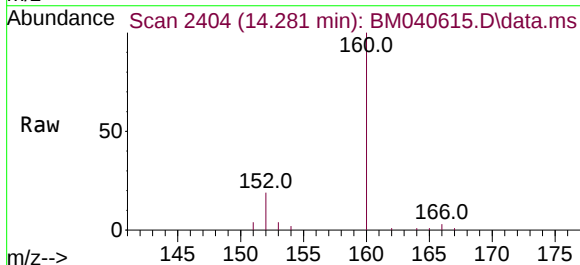


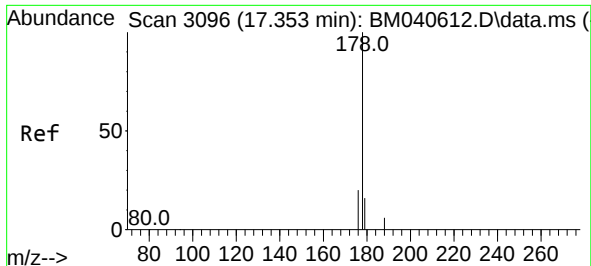
Tgt Ion:142 Resp: 3377
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

Tgt Ion:152 Resp: 4911
Ion Ratio Lower Upper
152 100
151 23.2 16.2 24.2
153 18.4 10.9 16.3#

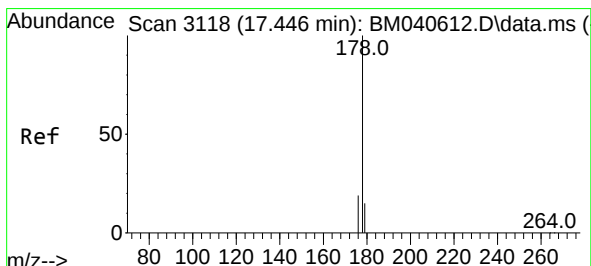
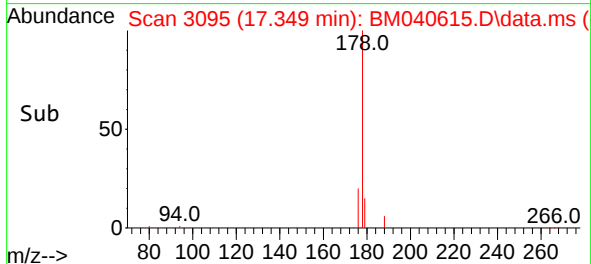
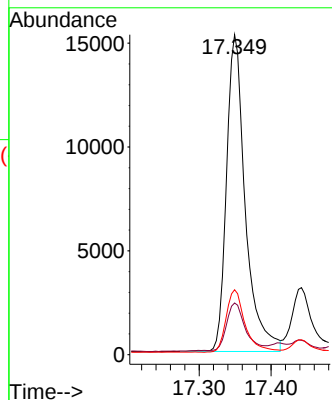
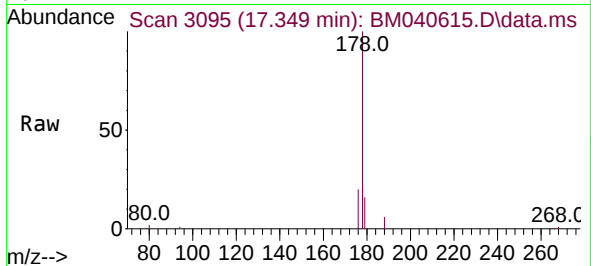




#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

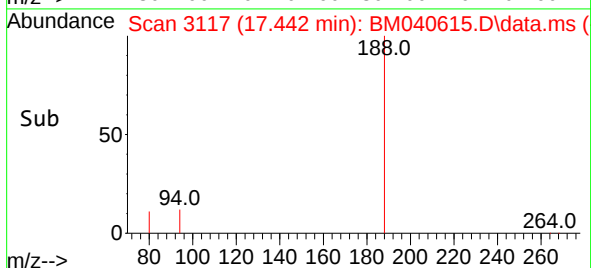
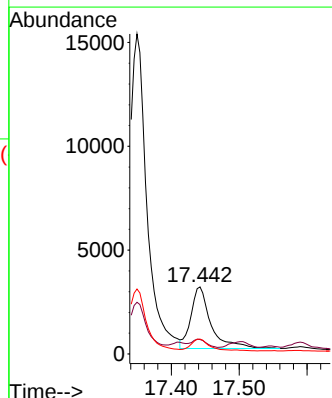
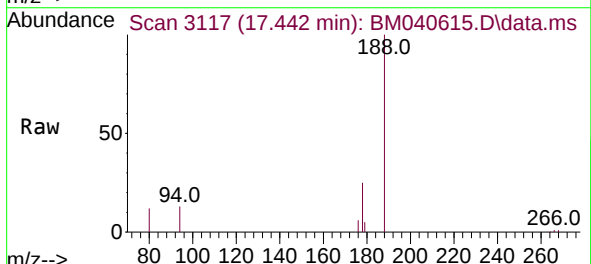
Instrument :
BNA_M
ClientSampleId :

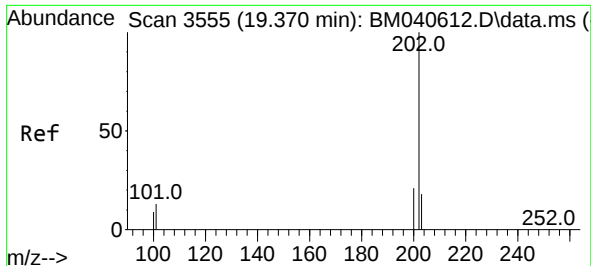
Tgt Ion:178 Resp: 27675
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.3 16.4 24.6



#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

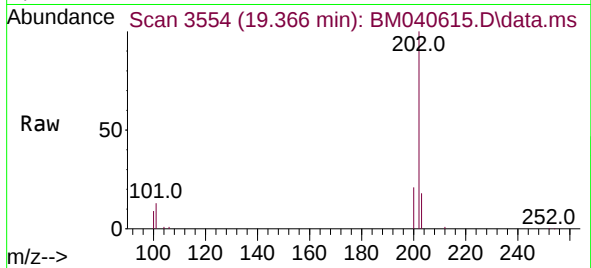
Tgt Ion:178 Resp: 6112
Ion Ratio Lower Upper
178 100
179 21.5 12.9 19.3#
176 22.2 15.8 23.6



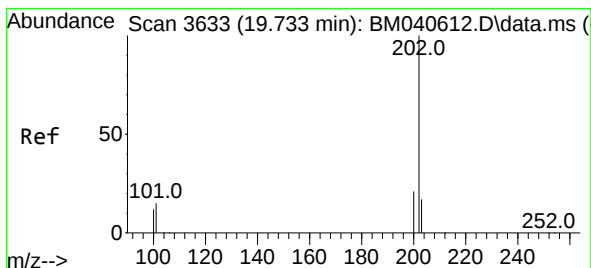
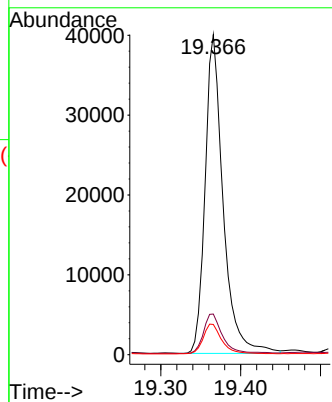
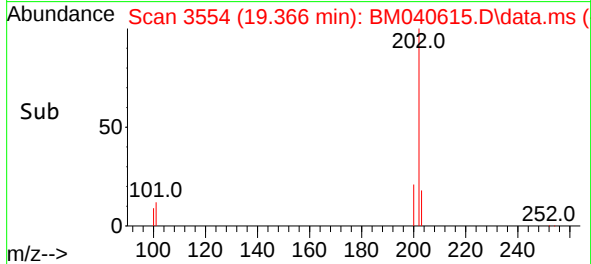


#19
Fluoranthene
Concen: 1.062 ng/ul
RT: 19.366 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

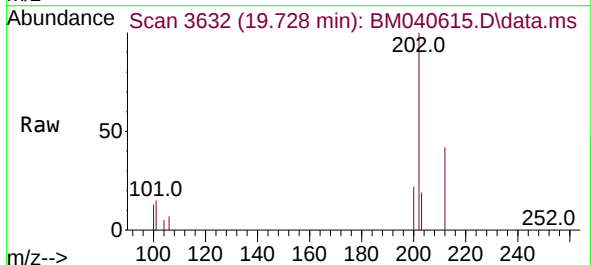
Instrument :
BNA_M
ClientSampleId :



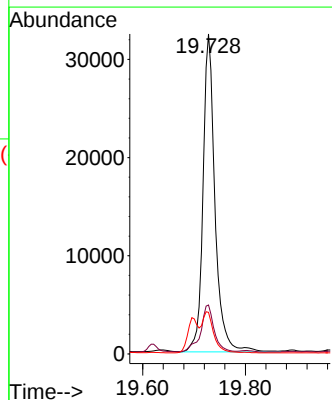
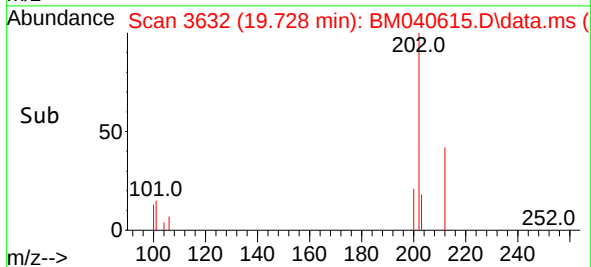
Tgt Ion:202 Resp: 62656
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

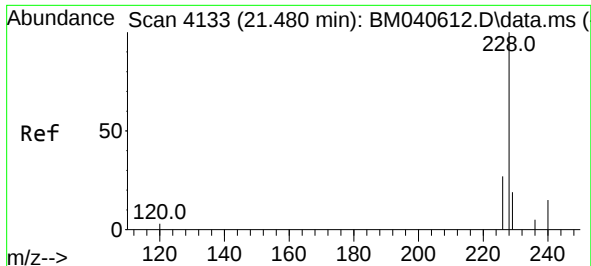


#20
Pyrene
Concen: 0.830 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10



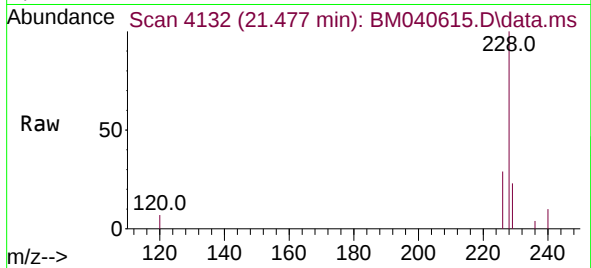
Tgt Ion:202 Resp: 52498
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 13.0 9.8 14.6



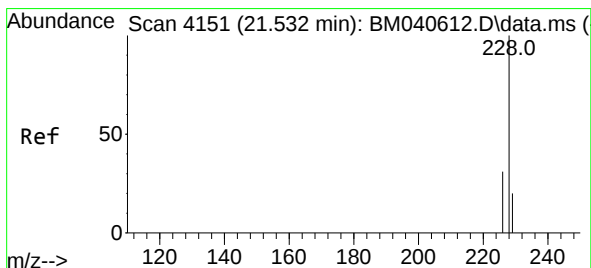
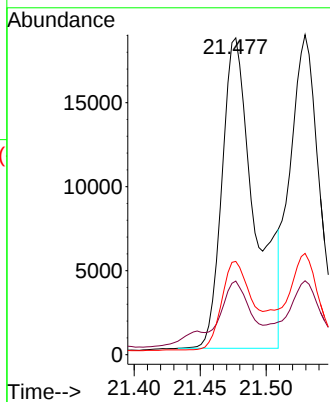
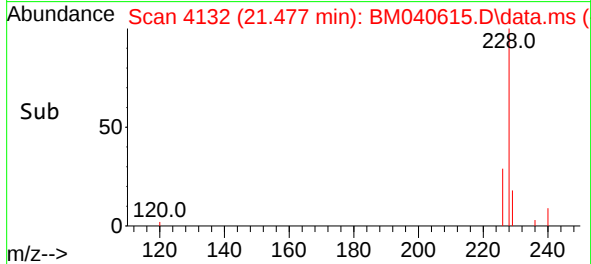


#21
Benzo(a)anthracene
Concen: 0.672 ng/ul
RT: 21.477 min Scan# 4133
Delta R.T. -0.012 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

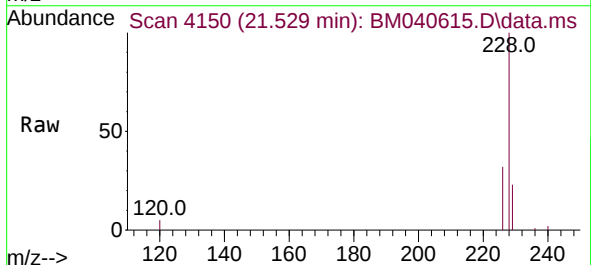
Instrument :
BNA_M
ClientSampleId :



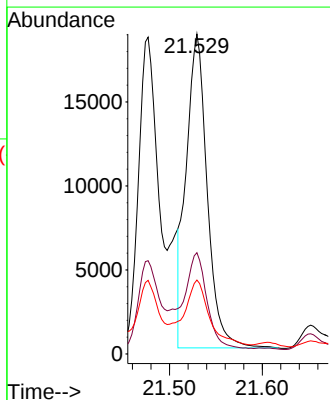
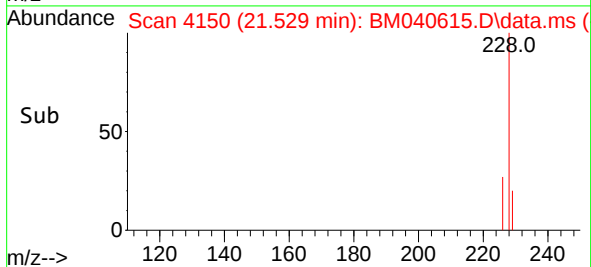
Tgt Ion:228 Resp: 31562
Ion Ratio Lower Upper
228 100
229 23.2 16.0 24.0
226 29.4 22.3 33.5

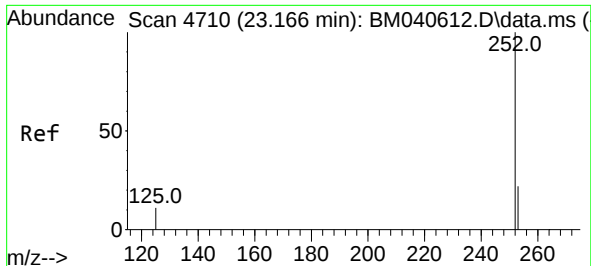


#22
Chrysene
Concen: 0.548 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10



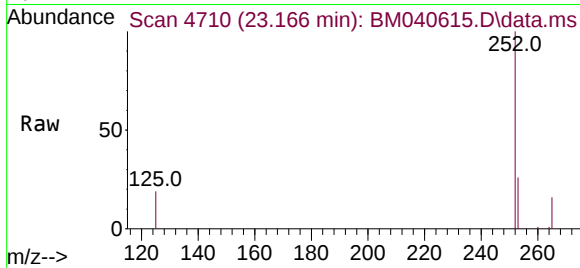
Tgt Ion:228 Resp: 29378
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 23.1 15.8 23.6



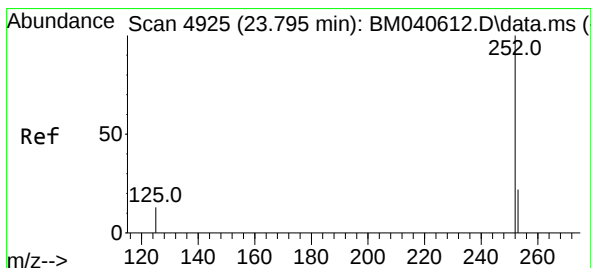
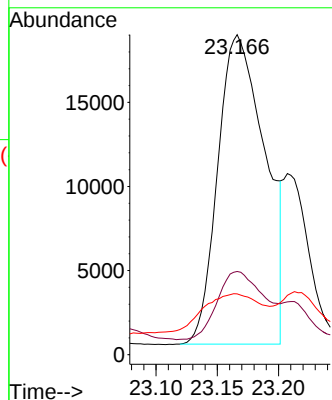


#24
Benzo(b)fluoranthene
Concen: 0.950 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

Instrument :
BNA_M
ClientSampleId :

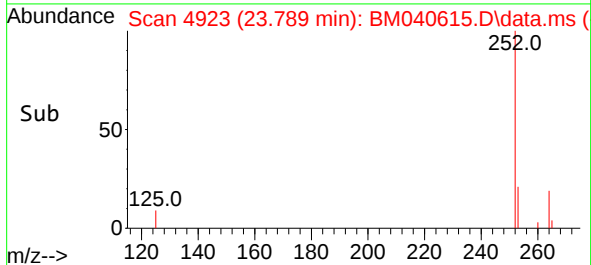
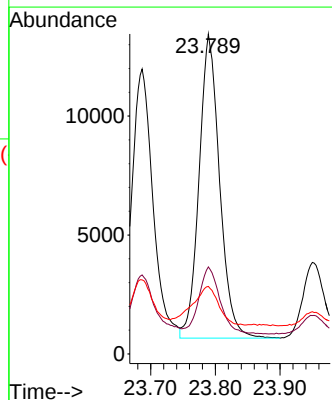
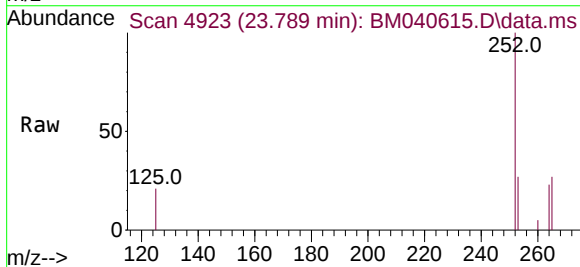


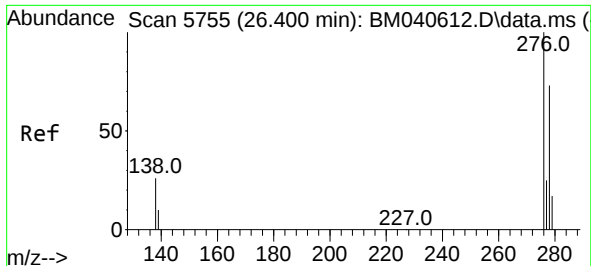
Tgt Ion:252 Resp: 49293
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 19.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.602 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

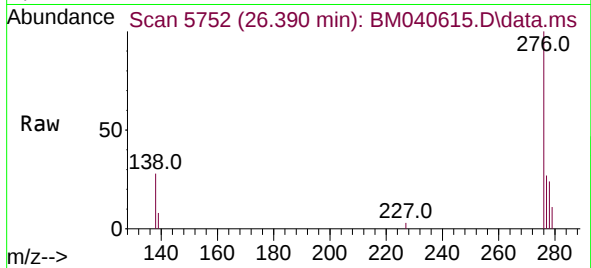
Tgt Ion:252 Resp: 28152
Ion Ratio Lower Upper
252 100
253 27.2 22.9 34.3
125 21.1 21.0 31.4



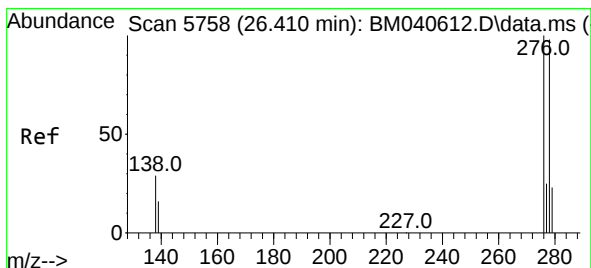
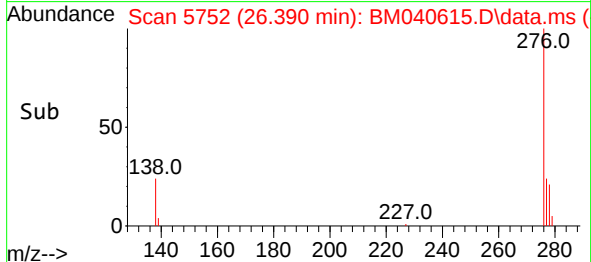
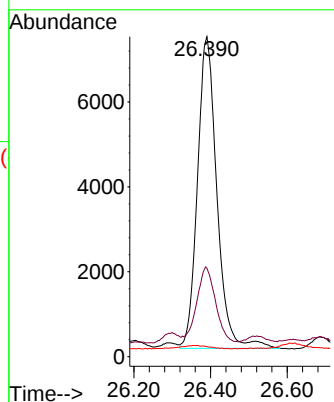


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.398 ng/ul
 RT: 26.390 min Scan# 5752
 Delta R.T. -0.027 min
 Lab File: BM040615.D
 Acq: 04 Jul 2023 17:10

Instrument :
 BNA_M
 ClientSampleId :

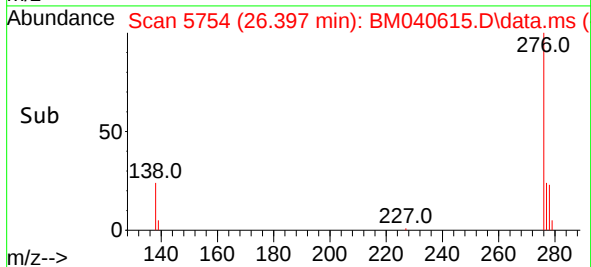
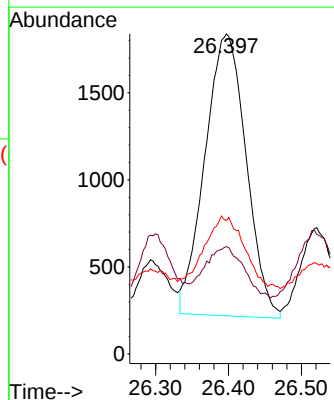
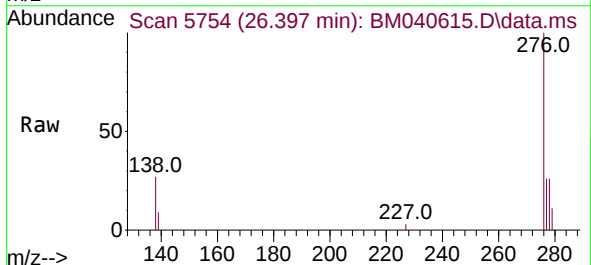


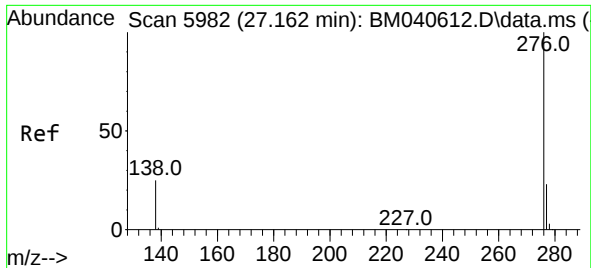
Tgt Ion:276 Resp: 25929
 Ion Ratio Lower Upper
 276 100
 138 23.2 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.125 ng/ul
 RT: 26.397 min Scan# 5754
 Delta R.T. -0.033 min
 Lab File: BM040615.D
 Acq: 04 Jul 2023 17:10

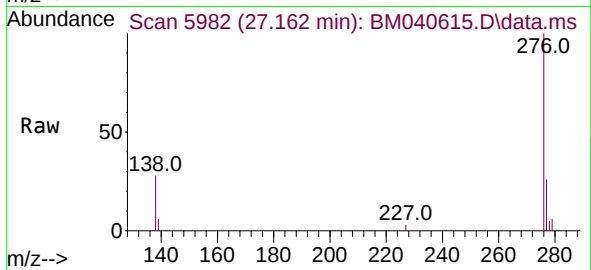
Tgt Ion:278 Resp: 6352
 Ion Ratio Lower Upper
 278 100
 139 33.6 17.9 26.9#
 279 41.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.425 ng/ul
 RT: 27.162 min Scan# 5982
 Delta R.T. -0.020 min
 Lab File: BM040615.D
 Acq: 04 Jul 2023 17:10

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.0	34.6
277	25.9	20.3	30.5

