

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046231.D
 Acq On : 23 Jun 2024 12:37
 Operator : MA/JU
 Sample : P2776-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:30:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

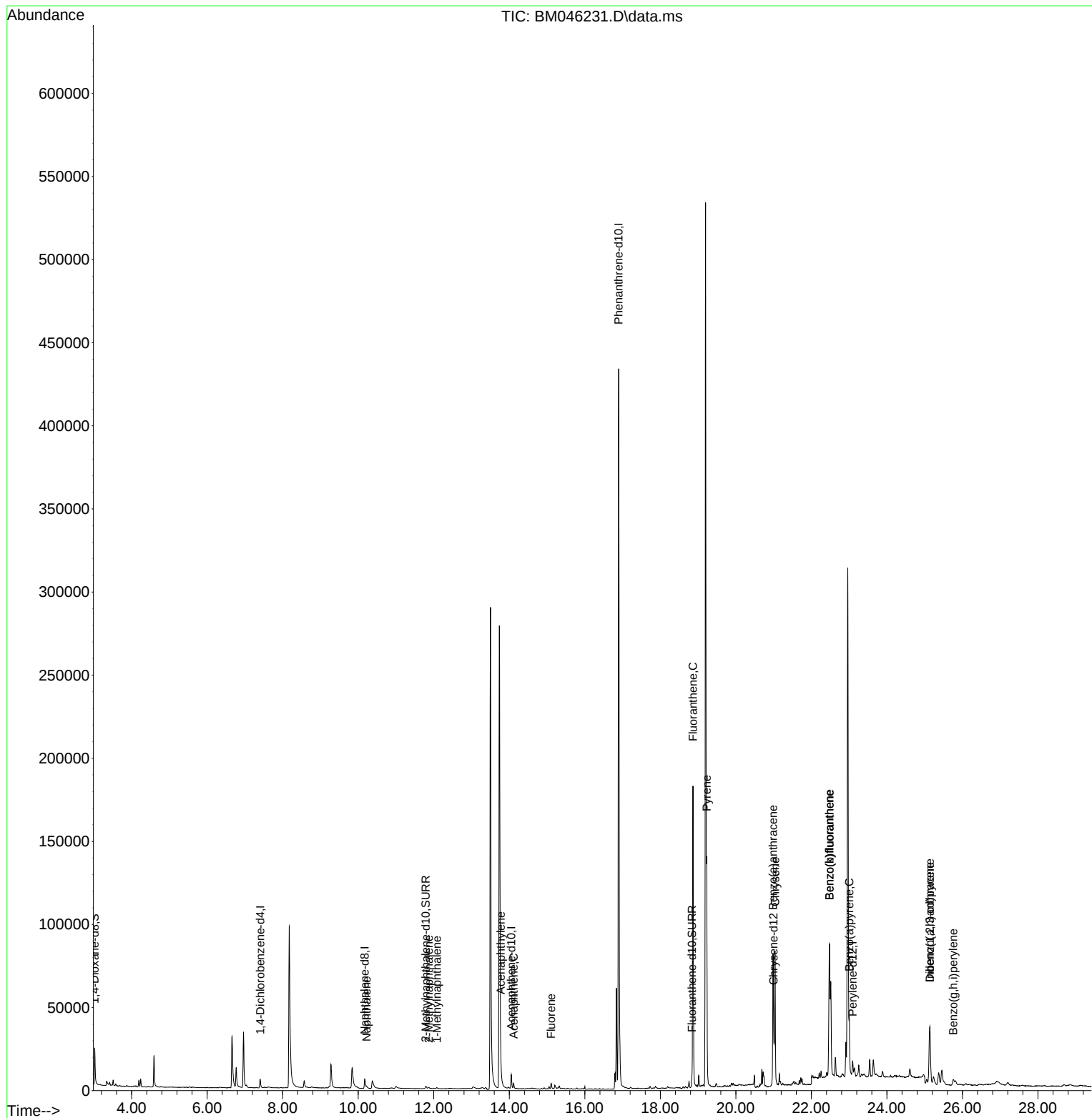
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2976	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	9306	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	5286	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	513179	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.000	240	7356	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	12558	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12480	3.057	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.789	152	3072	0.246	ng/ul	-0.08
18) Fluoranthene-d10	18.835	212	6872	0.312	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.222	128	2150	0.083	ng/ul#	91
7) 2-Methylnaphthalene	11.866	142	955	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.080	142	673	0.042	ng/ul	98
10) Acenaphthylene	13.771	152	7515	0.300	ng/ul	99
11) Acenaphthene	14.113	153	2022	0.112	ng/ul	97
12) Fluorene	15.108	166	2699	0.139	ng/ul#	98
19) Fluoranthene	18.863	202	165085	5.183	ng/ul	97
20) Pyrene	19.225	202	111541	3.238	ng/ul	97
21) Benzo(a)anthracene	20.985	228	67503	2.376	ng/ul	98
22) Chrysene	21.038	228	82645	2.279	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	165297	3.653	ng/ul	86
25) Benzo(k)fluoranthene	22.478	252	165297	3.073	ng/ul#	84
26) Benzo(a)pyrene	23.001	252	39252	0.936	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.135	276	45975	0.670	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.135	278	14790	0.290	ng/ul#	54
29) Benzo(g,h,i)perylene	25.755	276	7738	0.132	ng/ul#	77

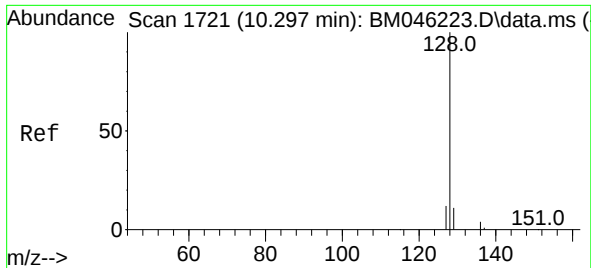
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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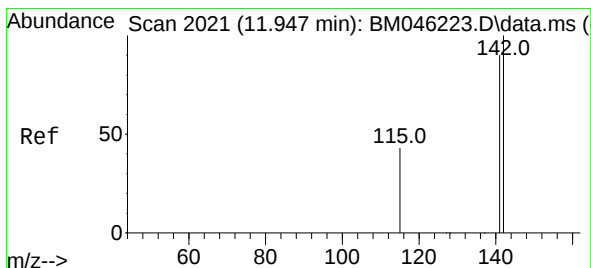
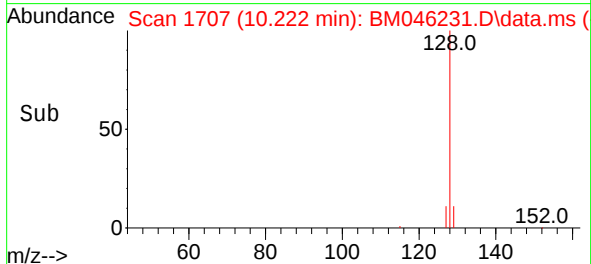
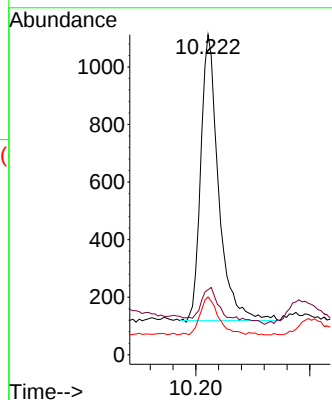
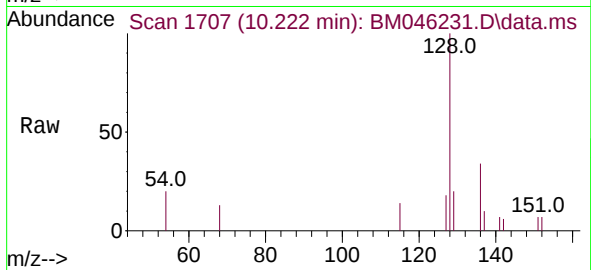




#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.222 min Scan# 1
Delta R.T. -0.081 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

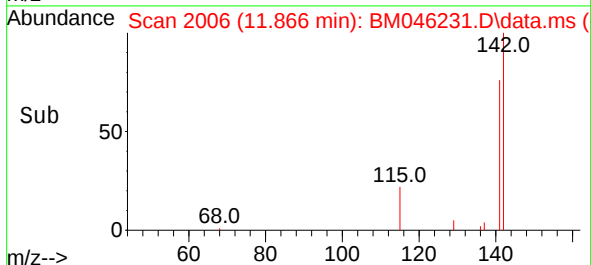
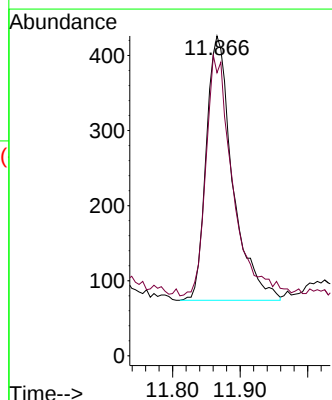
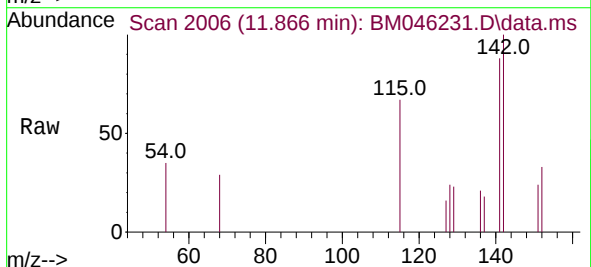
Instrument :
BNA_M
ClientSampleId :

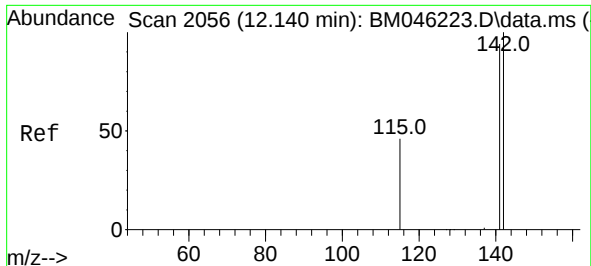
Tgt Ion:128 Resp: 2150
Ion Ratio Lower Upper
128 100
129 20.3 11.8 17.6#
127 18.1 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

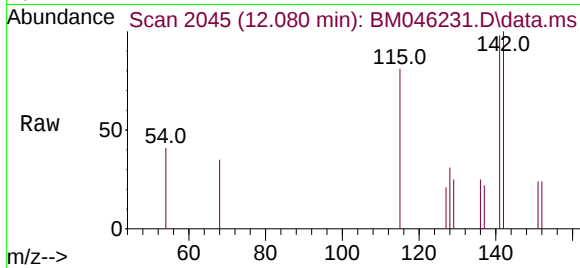
Tgt Ion:142 Resp: 955
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8



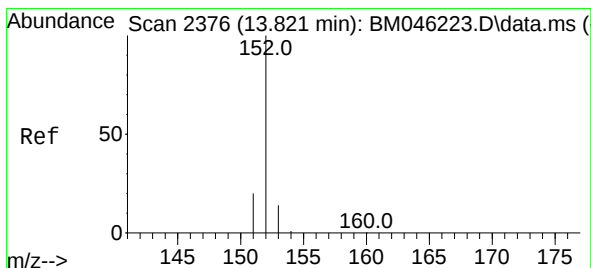
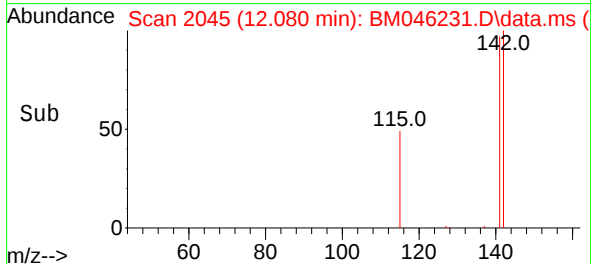
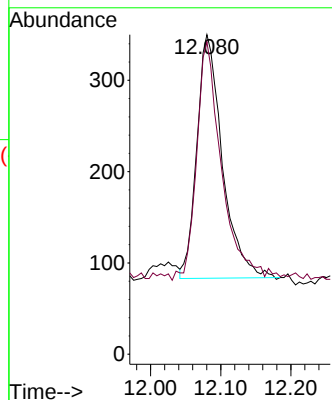


#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Instrument :
BNA_M
ClientSampleId :

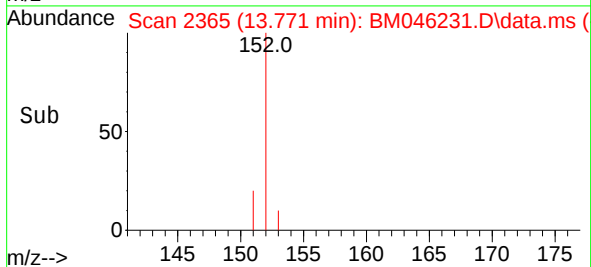
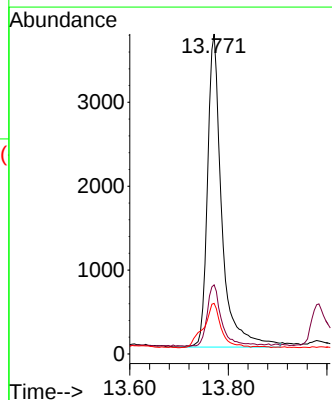
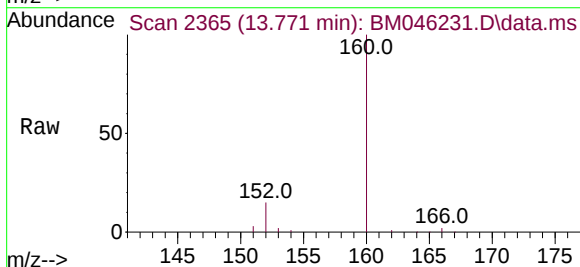


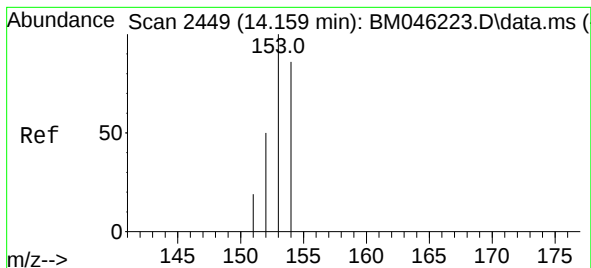
Tgt Ion:142 Resp: 673
Ion Ratio Lower Upper
142 100
141 95.8 75.2 112.8



#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Tgt Ion:152 Resp: 7515
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 15.8 11.8 17.8





#11

Acenaphthene

Concen: 0.112 ng/ul

RT: 14.113 min Scan# 2449

Delta R.T. -0.059 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNA_M

ClientSampleId :

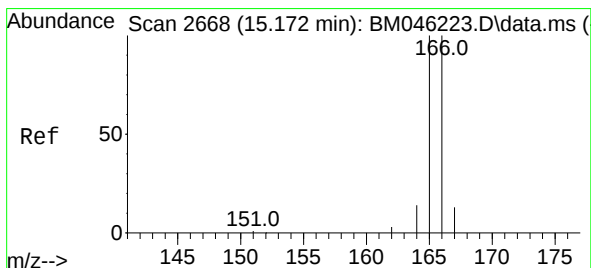
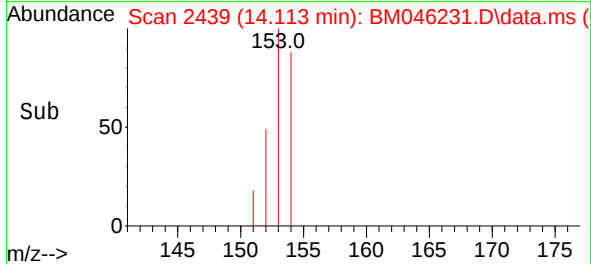
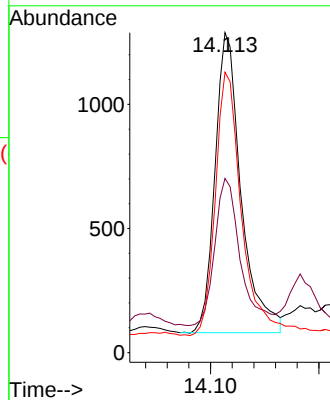
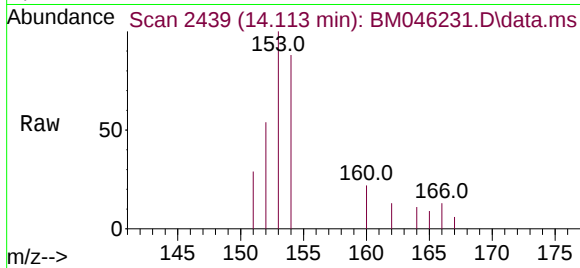
Tgt Ion:153 Resp: 2022

Ion Ratio Lower Upper

153 100

152 54.5 41.3 61.9

154 87.7 68.2 102.4



#12

Fluorene

Concen: 0.139 ng/ul

RT: 15.108 min Scan# 2654

Delta R.T. -0.073 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

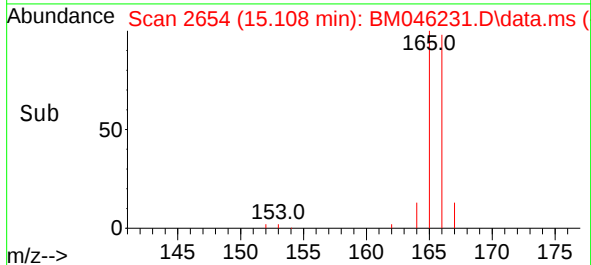
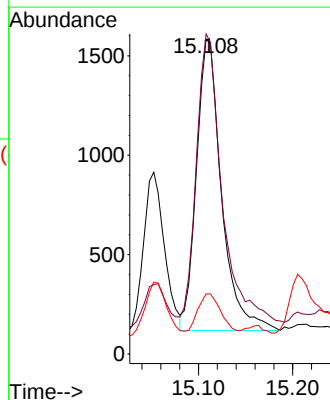
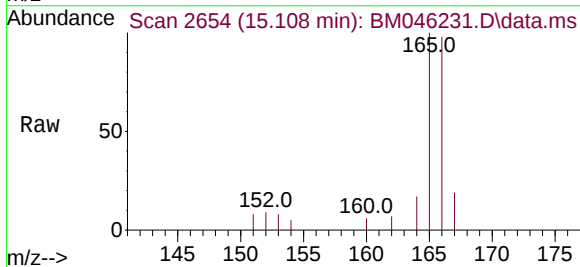
Tgt Ion:166 Resp: 2699

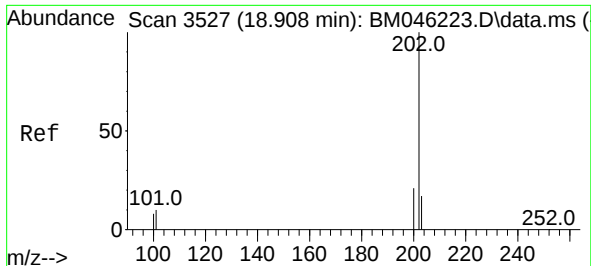
Ion Ratio Lower Upper

166 100

165 101.6 80.4 120.6

167 19.1 12.4 18.6#





#19

Fluoranthene

Concen: 5.183 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.055 min

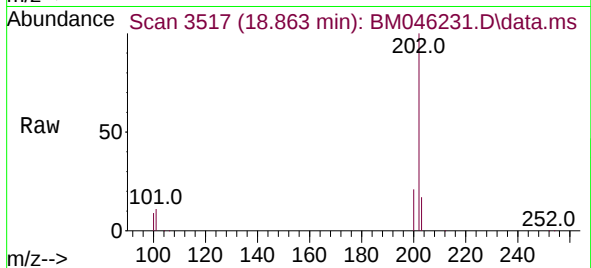
Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNA_M

ClientSampleId :



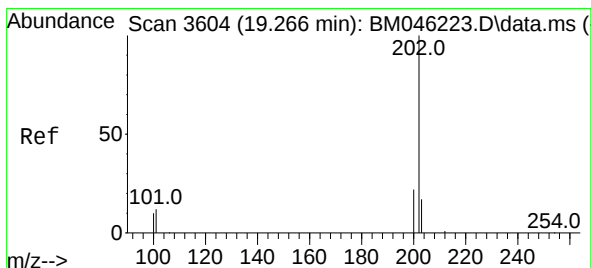
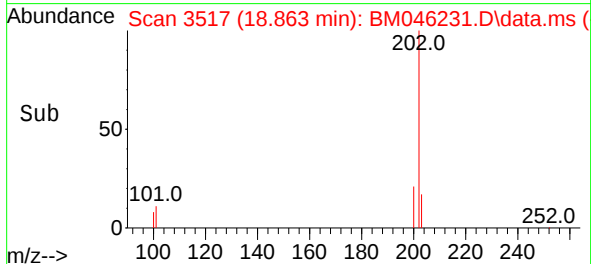
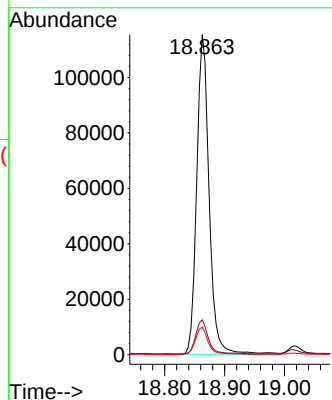
Tgt Ion:202 Resp: 165085

Ion Ratio Lower Upper

202 100

101 10.9 9.6 14.4

100 8.6 7.6 11.4



#20

Pyrene

Concen: 3.238 ng/ul

RT: 19.225 min Scan# 3595

Delta R.T. -0.050 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

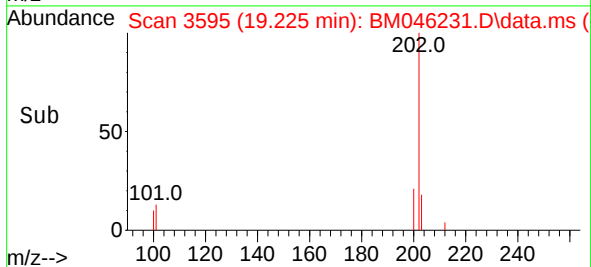
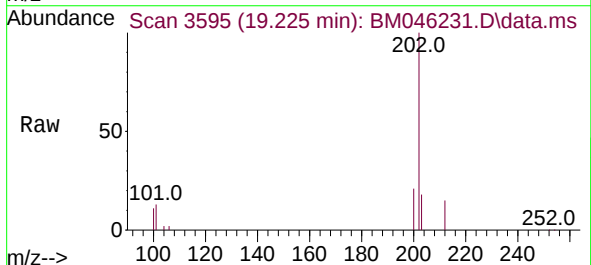
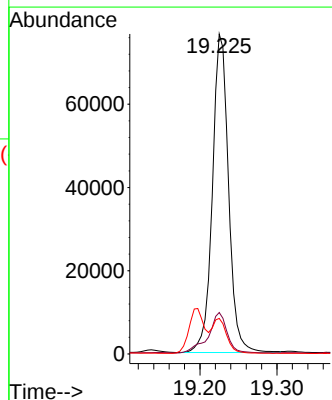
Tgt Ion:202 Resp: 111541

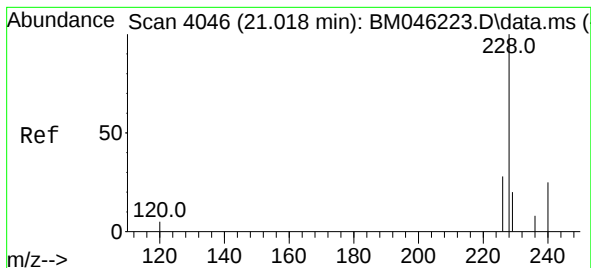
Ion Ratio Lower Upper

202 100

101 12.9 11.3 16.9

100 11.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 2.376 ng/ul

RT: 20.985 min Scan# 4035

Delta R.T. -0.044 min

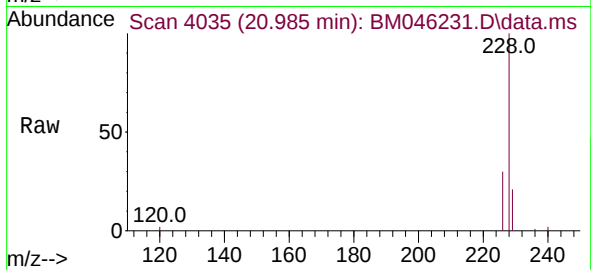
Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNM

ClientSampleId :



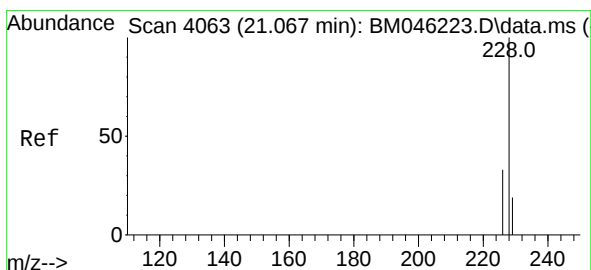
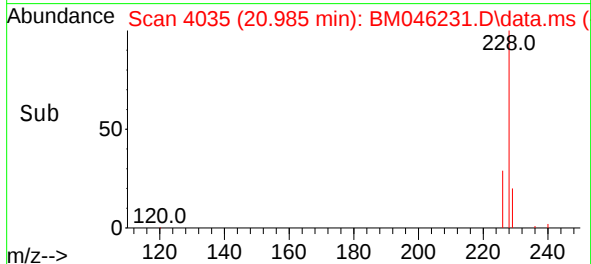
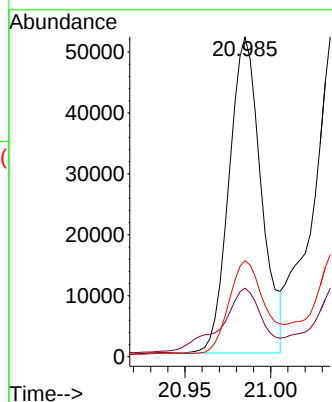
Tgt Ion:228 Resp: 67503

Ion Ratio Lower Upper

228 100

229 21.4 16.4 24.6

226 30.1 23.4 35.2



#22

Chrysene

Concen: 2.279 ng/ul

RT: 21.038 min Scan# 4053

Delta R.T. -0.038 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

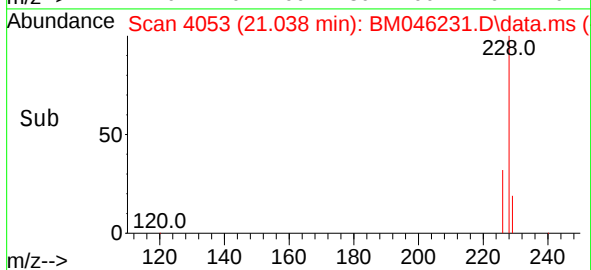
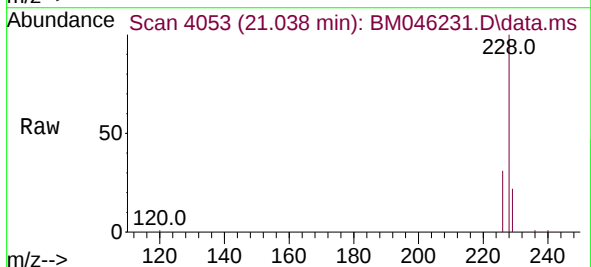
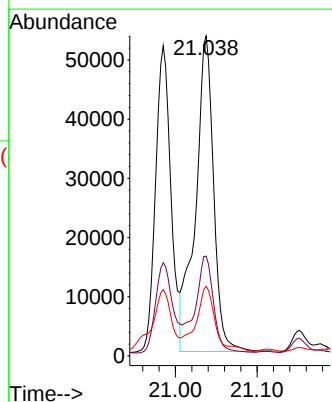
Tgt Ion:228 Resp: 82645

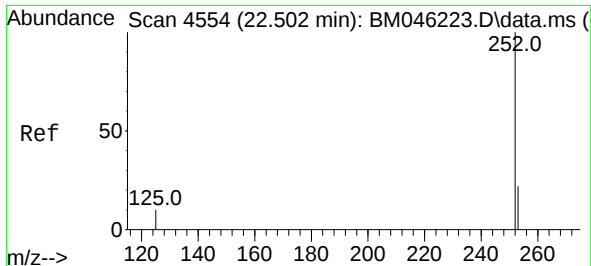
Ion Ratio Lower Upper

228 100

226 31.2 25.2 37.8

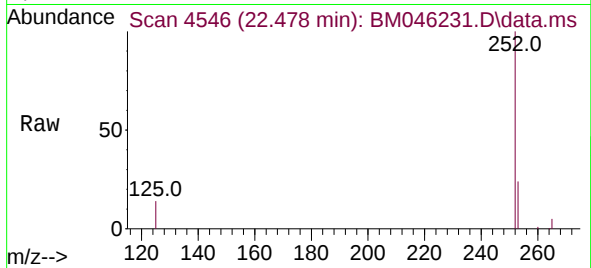
229 21.7 16.3 24.5



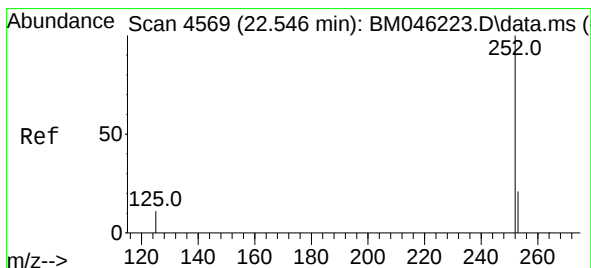
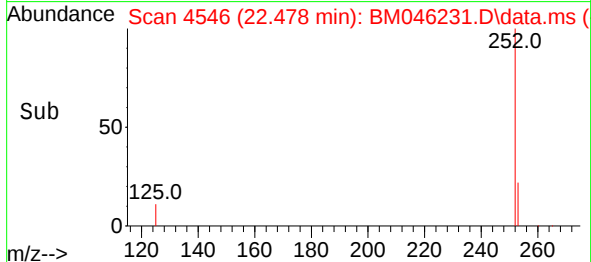
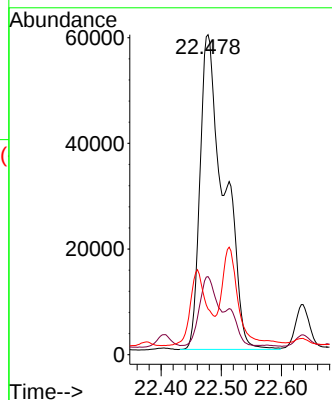


#24
Benzo(b)fluoranthene
Concen: 3.653 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Instrument :
BNA_M
ClientSampleId :

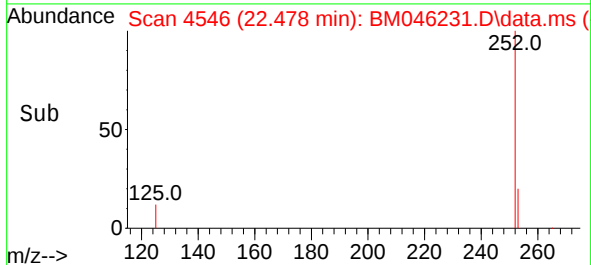
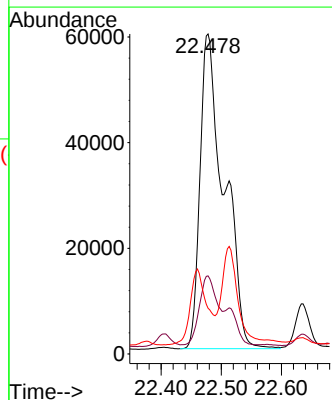
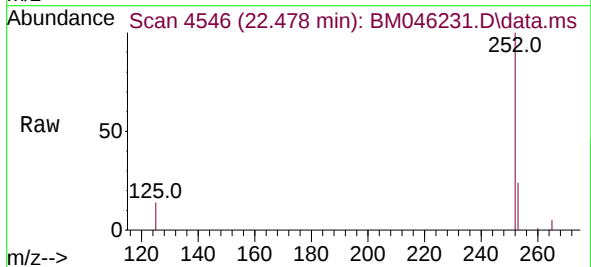


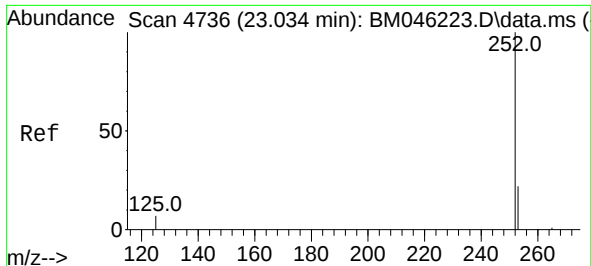
Tgt Ion:252 Resp: 165297
Ion Ratio Lower Upper
252 100
253 24.4 0.0 65.8
125 14.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 3.073 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.085 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

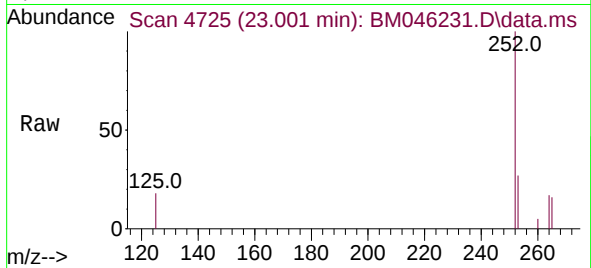
Tgt Ion:252 Resp: 165297
Ion Ratio Lower Upper
252 100
253 24.4 27.2 40.8#
125 14.3 16.6 25.0#



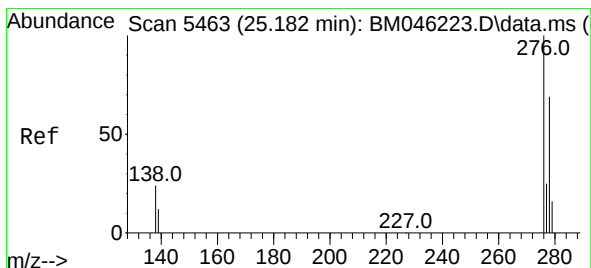
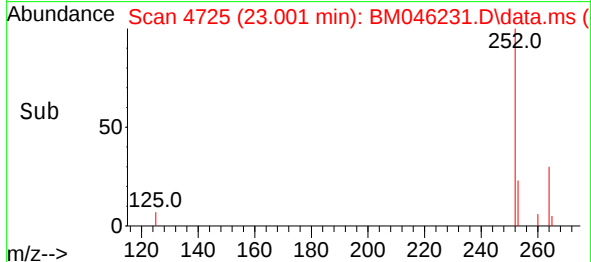
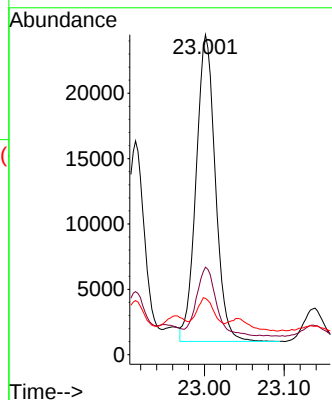


#26
Benzo(a)pyrene
Concen: 0.936 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Instrument :
BNA_M
ClientSampleId :

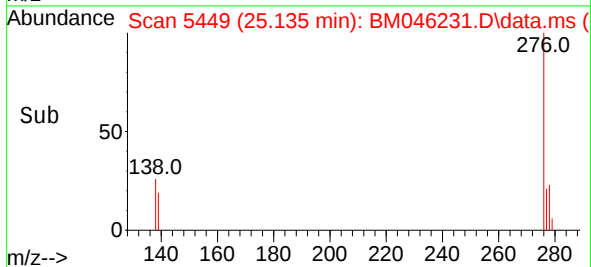
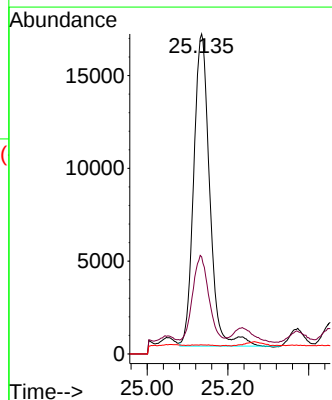
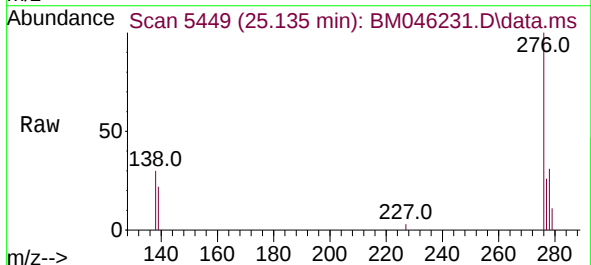


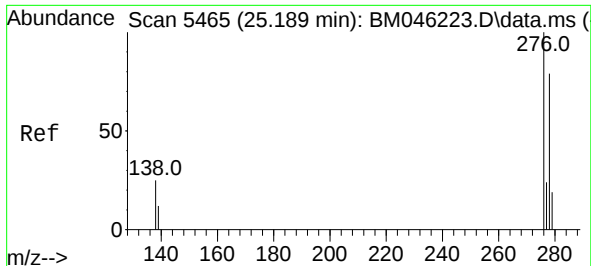
Tgt Ion:252 Resp: 39252
Ion Ratio Lower Upper
252 100
253 27.4 32.1 48.1#
125 17.6 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.670 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.068 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Tgt Ion:276 Resp: 45975
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.290 ng/ul

RT: 25.135 min Scan# 5449

Delta R.T. -0.081 min

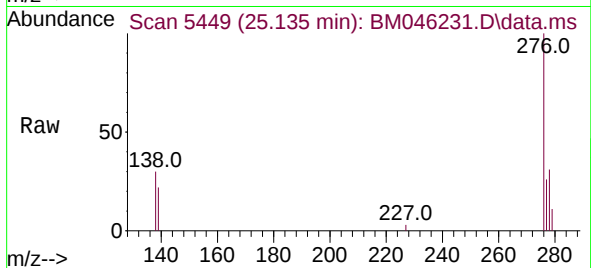
Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNA_M

ClientSampleId :



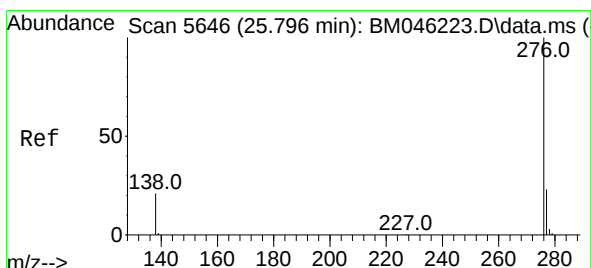
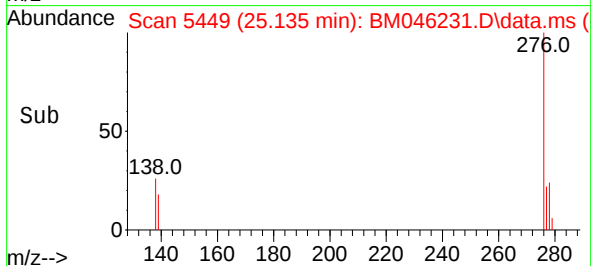
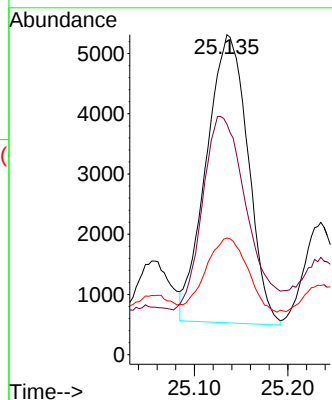
Tgt Ion:278 Resp: 14790

Ion Ratio Lower Upper

278 100

139 72.0 17.6 26.4#

279 36.4 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.132 ng/ul

RT: 25.755 min Scan# 5634

Delta R.T. -0.074 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Tgt Ion:276 Resp: 7738

Ion Ratio Lower Upper

276 100

138 39.5 21.7 32.5#

277 37.1 20.4 30.6#

