

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046229.D
 Acq On : 23 Jun 2024 11:24
 Operator : MA/JU
 Sample : P2776-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:29:55 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)

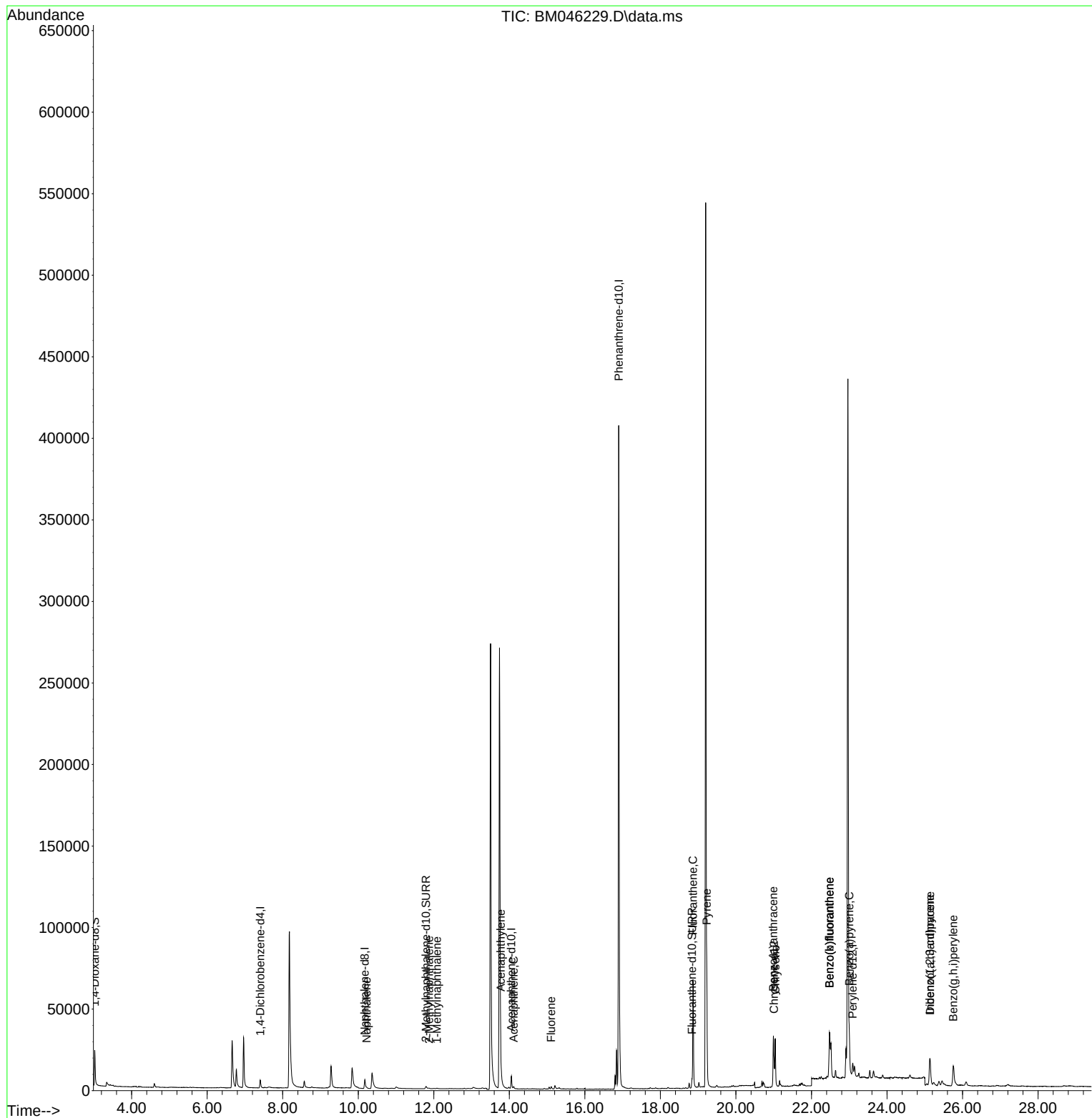
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2872	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8687	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4819	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	479368	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.005	240	7157	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	11609	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	12673	3.216	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.794	152	2947	0.253	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6243	0.291	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.221	128	912	0.038	ng/ul#	72
7) 2-Methylnaphthalene	11.871	142	389	0.029	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	320	0.021	ng/ul	89
10) Acenaphthylene	13.771	152	3732	0.163	ng/ul	96
11) Acenaphthene	14.113	153	846	0.051	ng/ul	93
12) Fluorene	15.108	166	1170	0.066	ng/ul#	95
19) Fluoranthene	18.863	202	63593	2.052	ng/ul	98
20) Pyrene	19.230	202	54606	1.629	ng/ul	96
21) Benzo(a)anthracene	20.991	228	28304	1.024	ng/ul	95
22) Chrysene	21.040	228	28876	0.818	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	60841	1.455	ng/ul	92
25) Benzo(k)fluoranthene	22.478	252	60841	1.224	ng/ul#	91
26) Benzo(a)pyrene	23.001	252	27145	0.700	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.135	276	24365	0.384	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.141	278	5486	0.116	ng/ul#	27
29) Benzo(g,h,i)perylene	25.755	276	24723	0.455	ng/ul	98

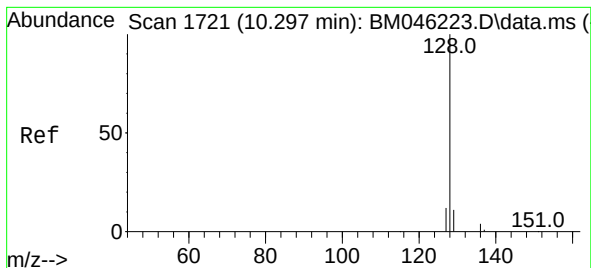
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.038 ng/ul

RT: 10.221 min Scan# 1

Delta R.T. -0.081 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNA_M

ClientSampleId :

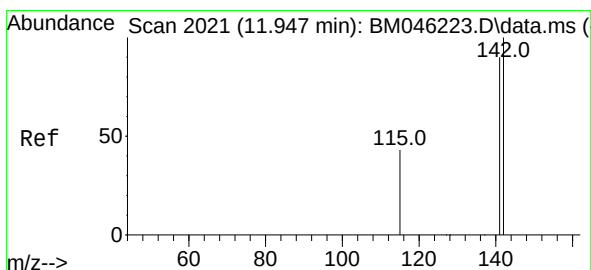
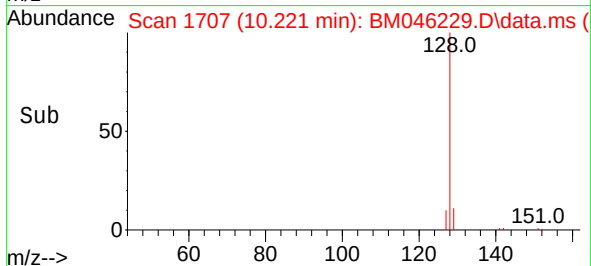
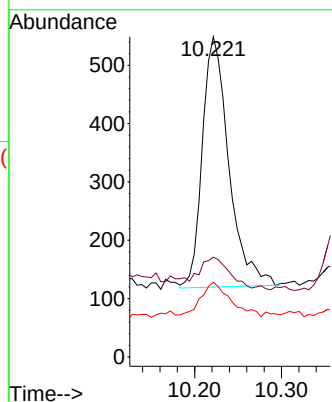
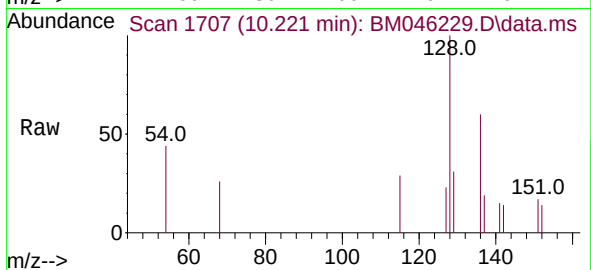
Tgt Ion:128 Resp: 912

Ion Ratio Lower Upper

128 100

129 31.1 11.8 17.6#

127 23.3 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 11.871 min Scan# 2007

Delta R.T. -0.076 min

Lab File: BM046229.D

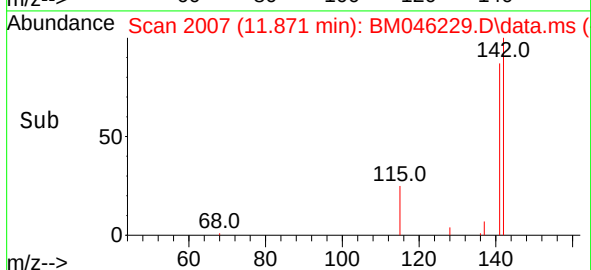
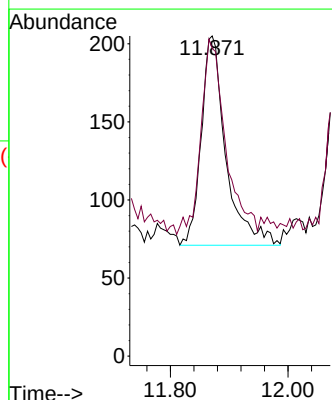
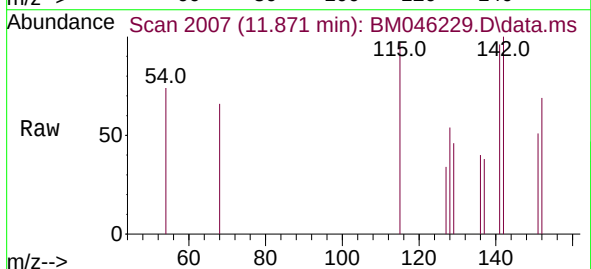
Acq: 23 Jun 2024 11:24

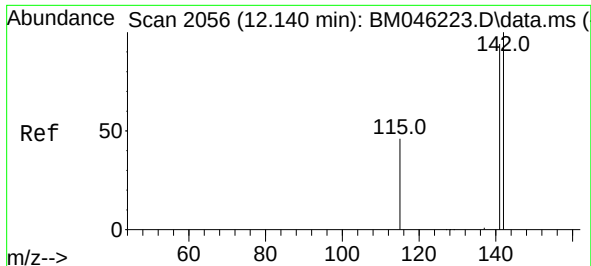
Tgt Ion:142 Resp: 389

Ion Ratio Lower Upper

142 100

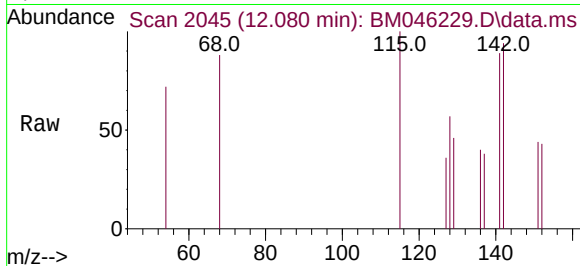
141 93.3 74.6 111.8



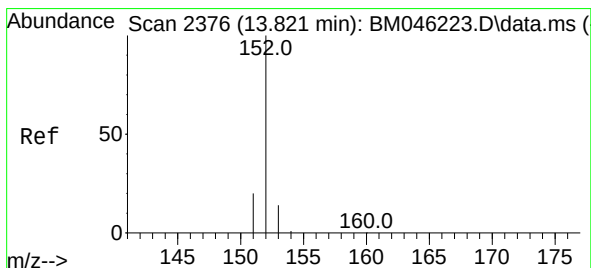
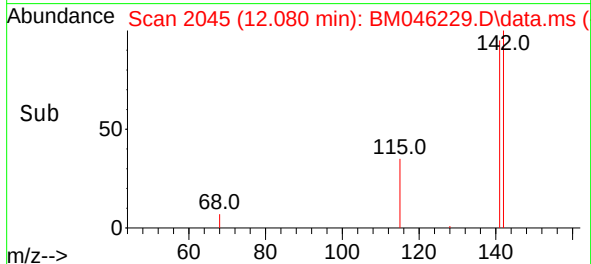
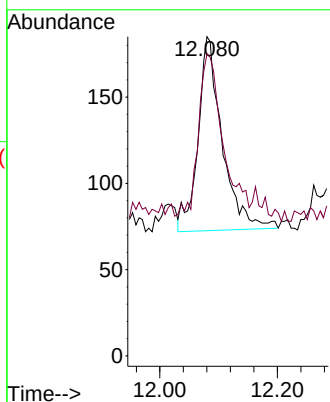


#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Instrument :
BNA_M
ClientSampleId :

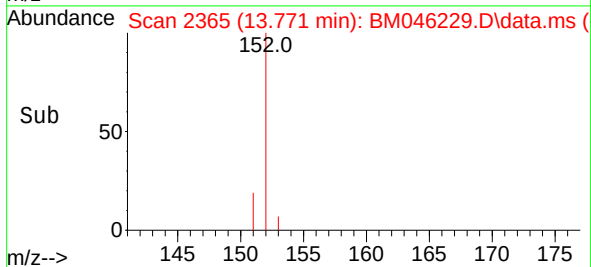
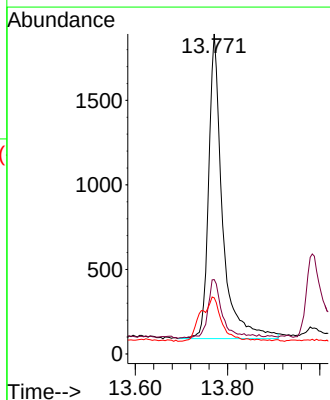
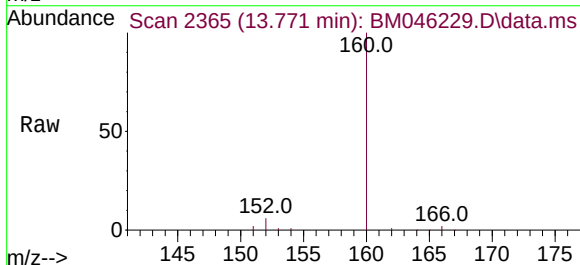


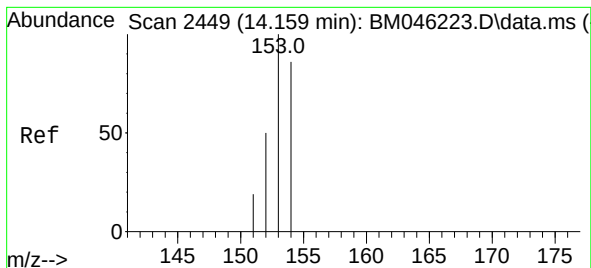
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
141 83.8 75.2 112.8



#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Tgt Ion:152 Resp: 3732
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.2
153 17.5 11.8 17.8





#11

Acenaphthene

Concen: 0.051 ng/ul

RT: 14.113 min Scan# 2439

Delta R.T. -0.059 min

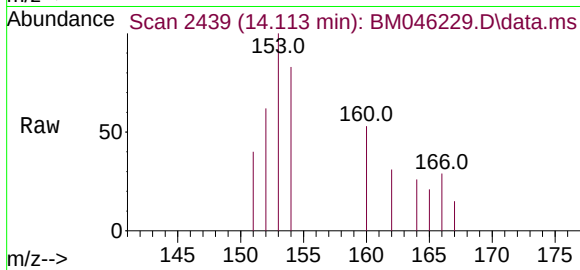
Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNA_M

ClientSampleId :



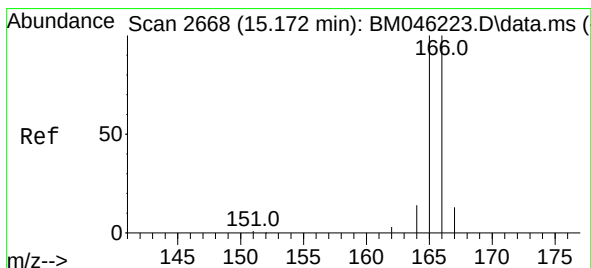
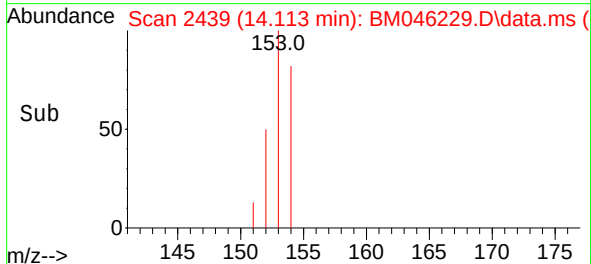
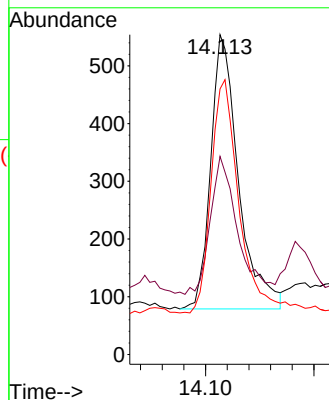
Tgt Ion:153 Resp: 846

Ion	Ratio	Lower	Upper
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153	100		
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152	61.9	41.3	61.9
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154	83.0	68.2	102.4
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#12

Fluorene

Concen: 0.066 ng/ul

RT: 15.108 min Scan# 2654

Delta R.T. -0.073 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

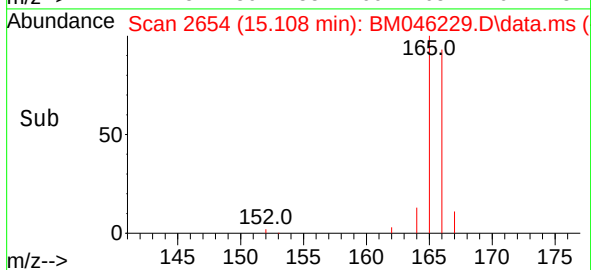
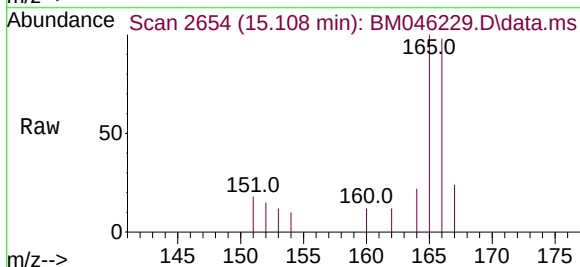
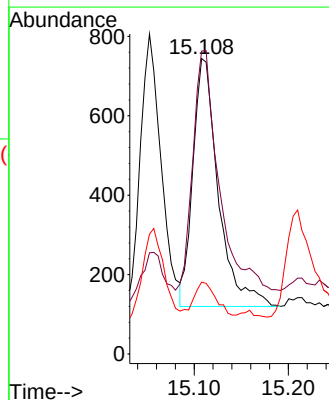
Tgt Ion:166 Resp: 1170

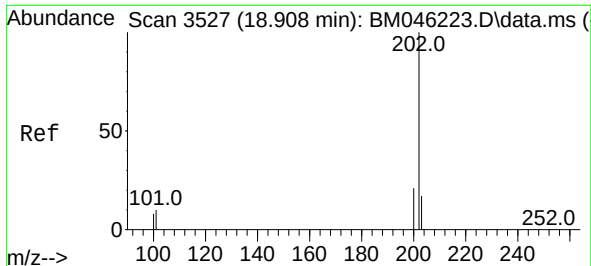
Ion	Ratio	Lower	Upper
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166	100		
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165	102.6	80.4	120.6
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167	24.3	12.4	18.6
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#19

Fluoranthene

Concen: 2.052 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.055 min

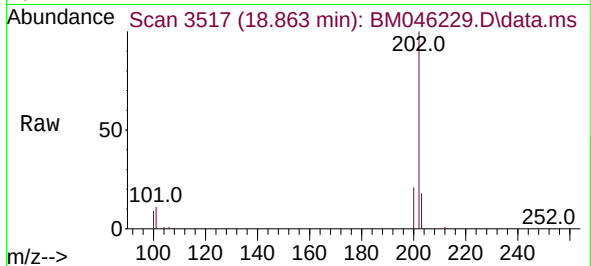
Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNA_M

ClientSampleId :



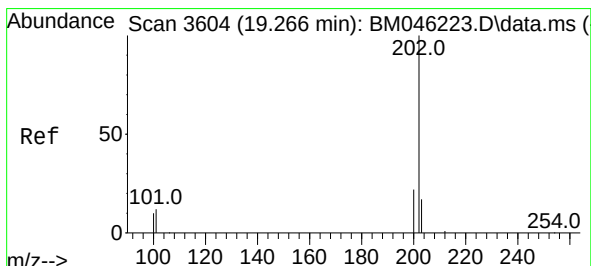
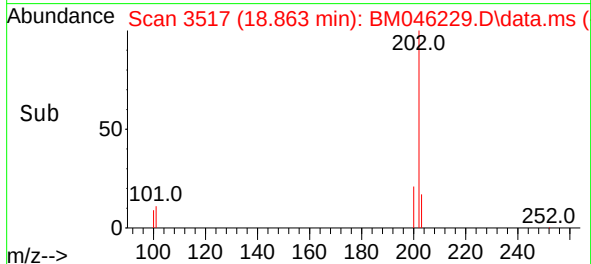
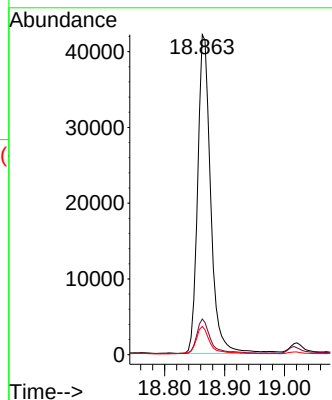
Tgt Ion:202 Resp: 63593

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

100 8.8 7.6 11.4



#20

Pyrene

Concen: 1.629 ng/ul

RT: 19.230 min Scan# 3596

Delta R.T. -0.045 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

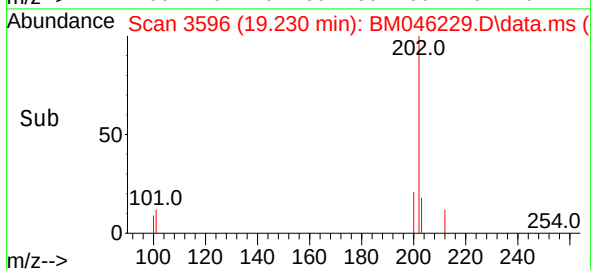
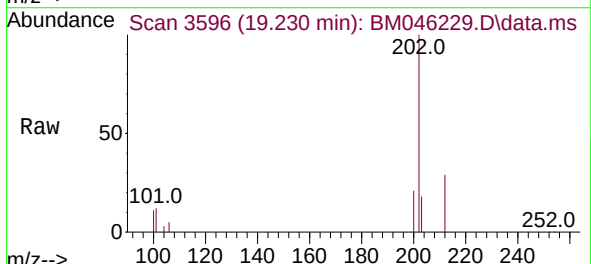
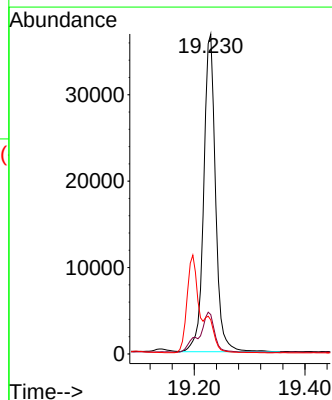
Tgt Ion:202 Resp: 54606

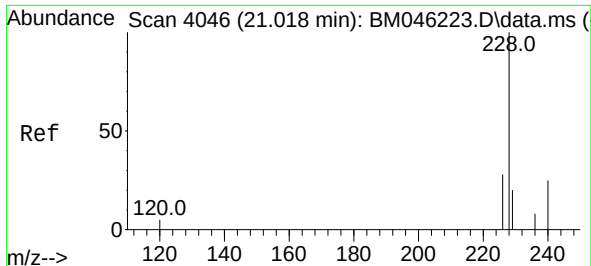
Ion Ratio Lower Upper

202 100

101 12.3 11.3 16.9

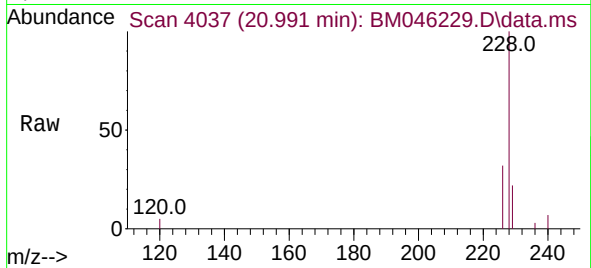
100 10.6 9.8 14.6



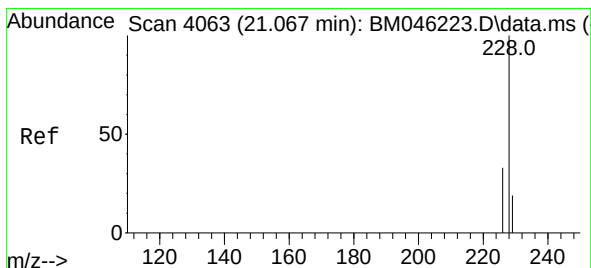
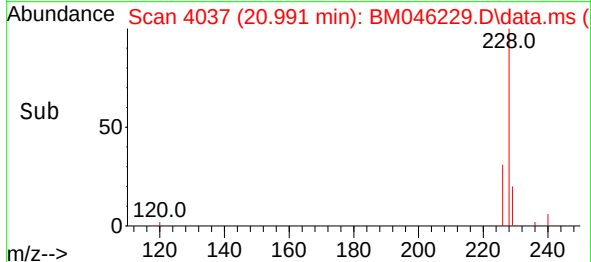
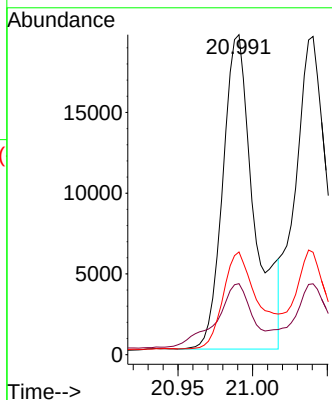


#21
Benzo(a)anthracene
Concen: 1.024 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.039 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Instrument :
BNA_M
ClientSampleId :

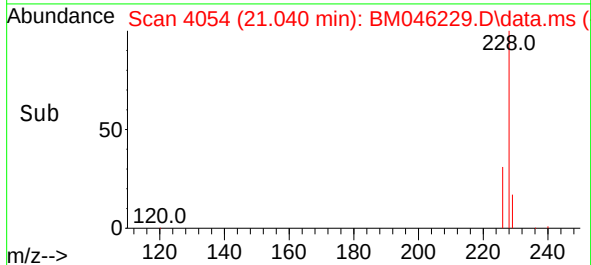
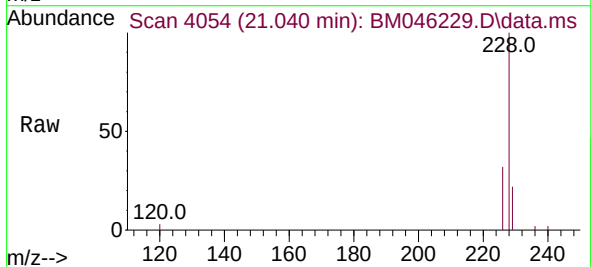
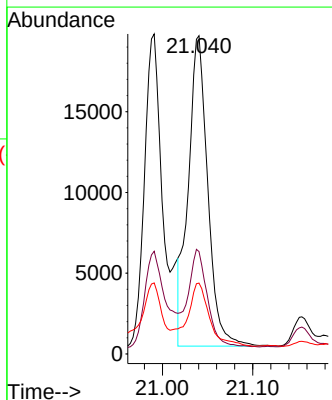


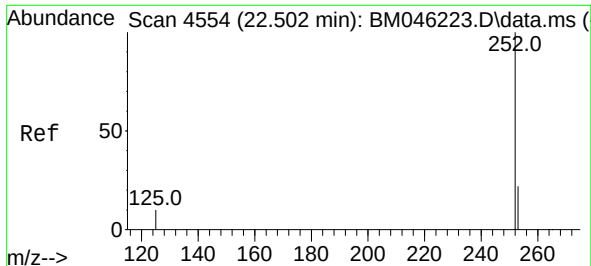
Tgt Ion:228 Resp: 28304
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 32.1 23.4 35.2



#22
Chrysene
Concen: 0.818 ng/ul
RT: 21.040 min Scan# 4054
Delta R.T. -0.036 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Tgt Ion:228 Resp: 28876
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.3 16.3 24.5

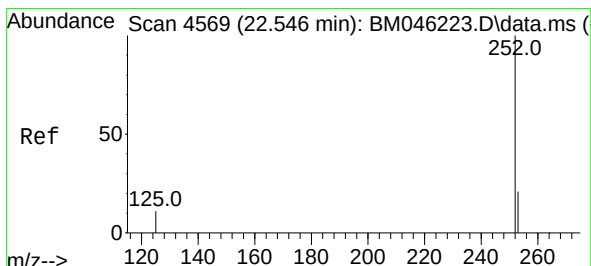
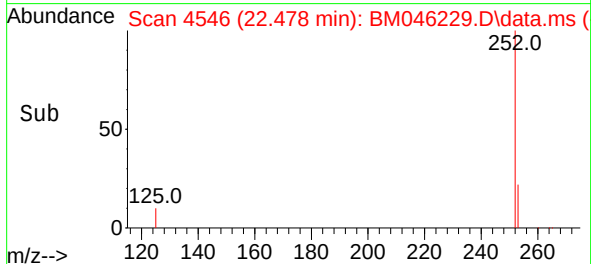
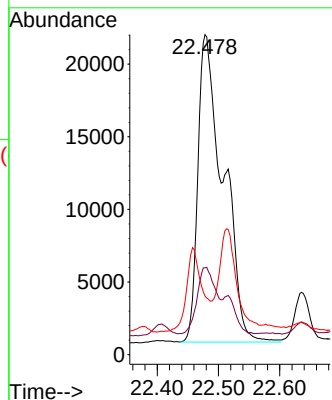
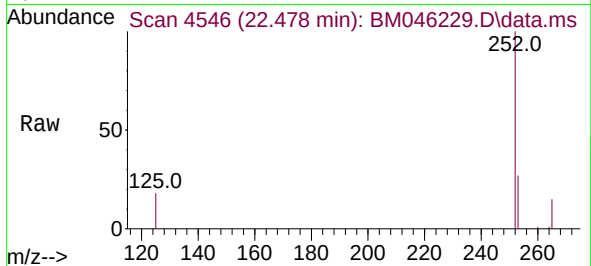




#24
Benzo(b)fluoranthene
Concen: 1.455 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

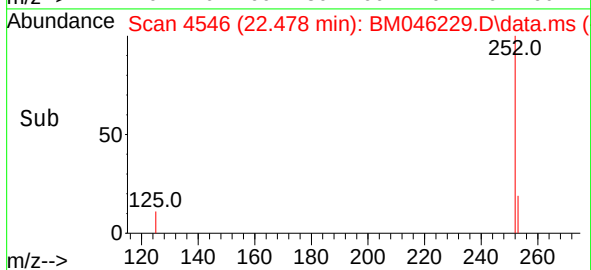
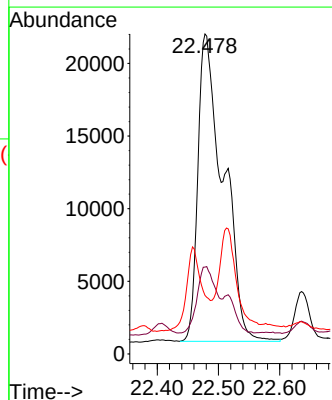
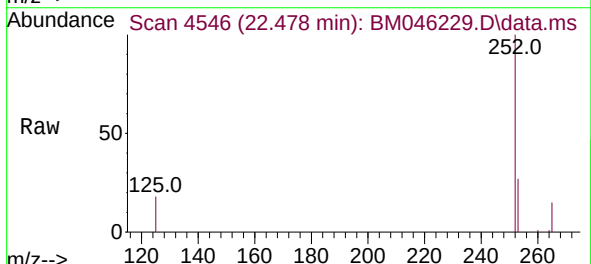
Instrument :
BNA_M
ClientSampleId :

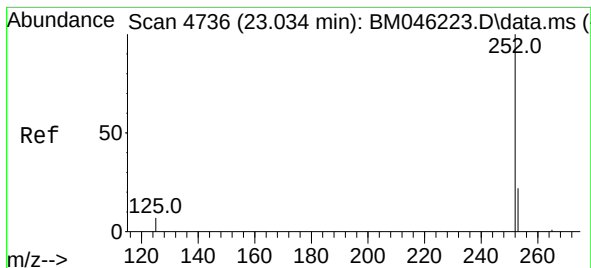
Tgt Ion:252 Resp: 60841
Ion Ratio Lower Upper
252 100
253 27.2 0.0 65.8
125 18.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.224 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.085 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Tgt Ion:252 Resp: 60841
Ion Ratio Lower Upper
252 100
253 27.2 27.2 40.8#
125 18.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.700 ng/ul

RT: 23.001 min Scan# 41

Delta R.T. -0.053 min

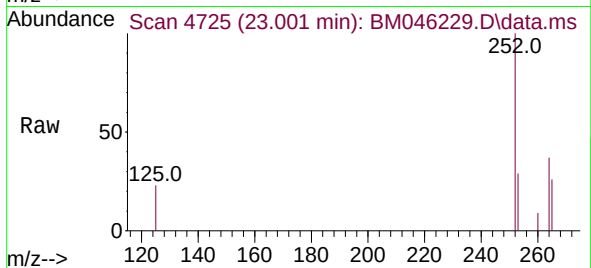
Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNA_M

ClientSampleId :



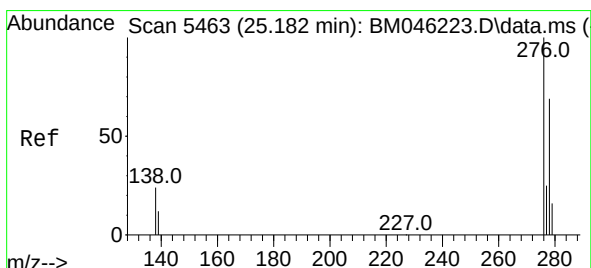
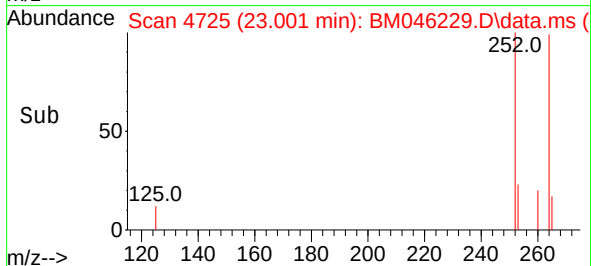
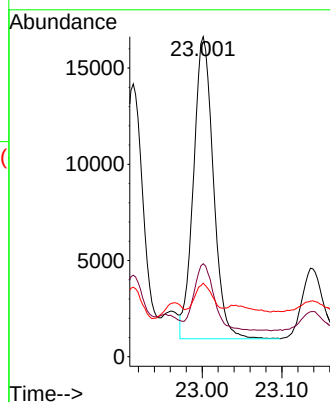
Tgt Ion:252 Resp: 27145

Ion Ratio Lower Upper

252 100

253 29.1 32.1 48.1#

125 23.0 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 25.135 min Scan# 5449

Delta R.T. -0.068 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

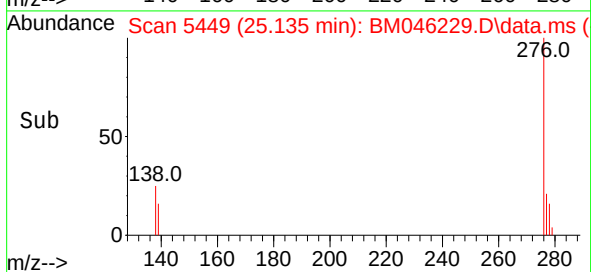
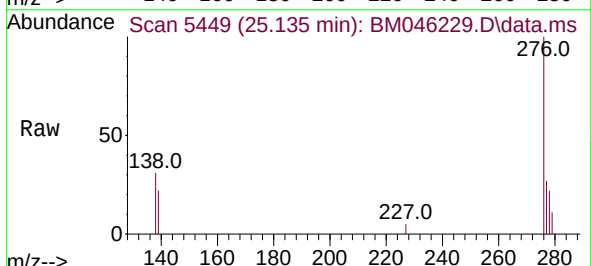
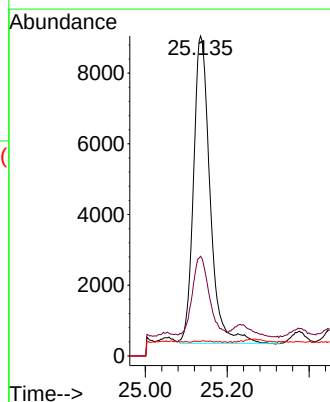
Tgt Ion:276 Resp: 24365

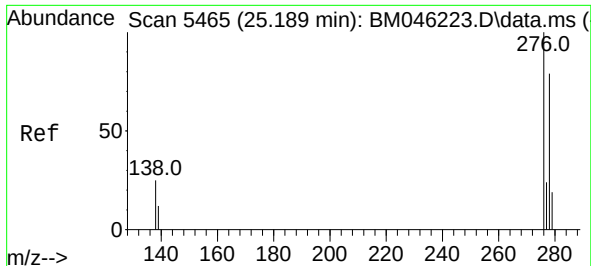
Ion Ratio Lower Upper

276 100

138 30.9 21.0 31.4

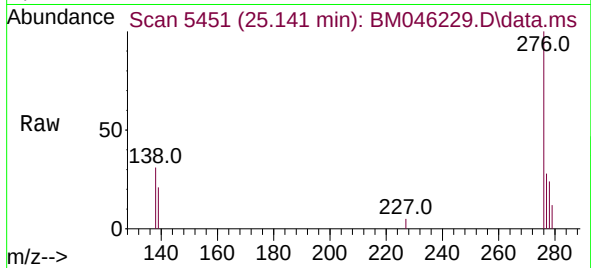
227 0.0 0.0 0.0



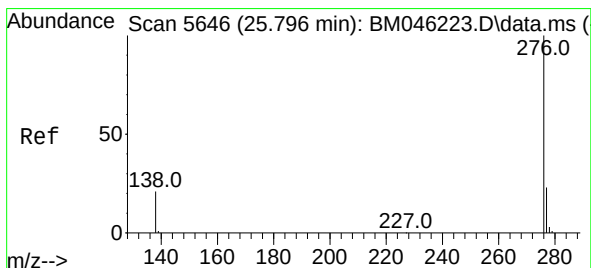
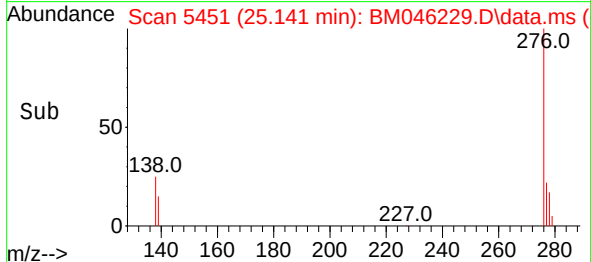
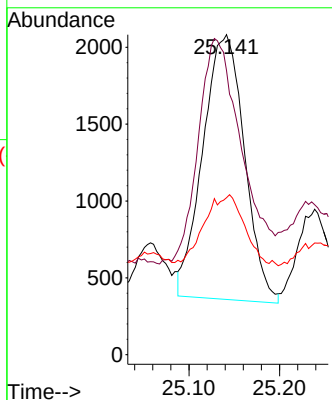


#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.141 min Scan# 5465
Delta R.T. -0.074 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 5486
Ion Ratio Lower Upper
278 100
139 88.8 17.6 26.4#
279 49.0 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 25.755 min Scan# 5634
Delta R.T. -0.074 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

Tgt Ion:276 Resp: 24723
Ion Ratio Lower Upper
276 100
138 26.6 21.7 32.5
277 27.0 20.4 30.6

