

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046230.D
 Acq On : 23 Jun 2024 12:00
 Operator : MA/JU
 Sample : P2776-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:30:10 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)

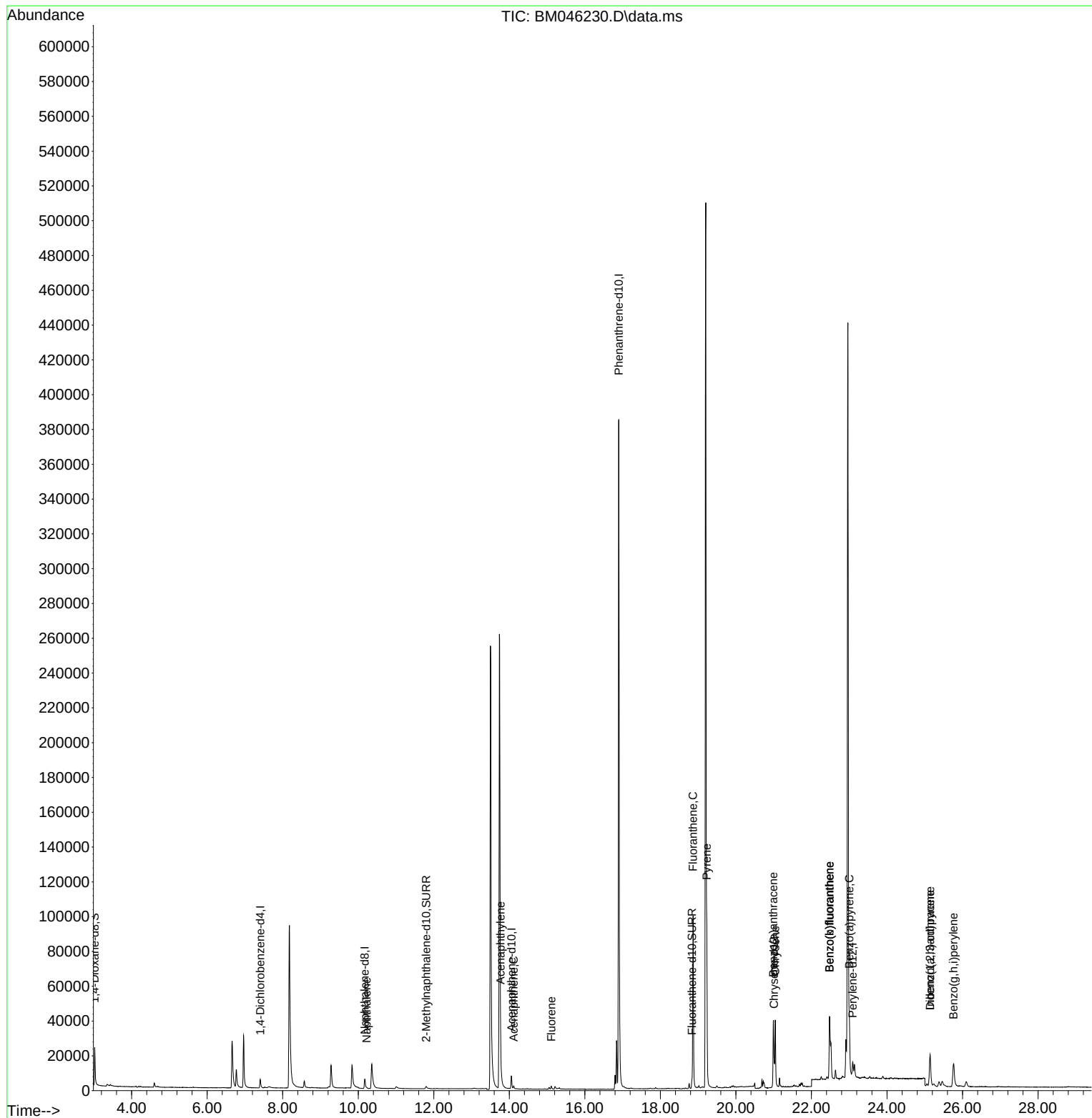
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2780	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.171	136	8689	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.057	164	4765	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.899	188	478415	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.006	240	6619	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	12359	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12392	3.249	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.799	152	2793	0.239	ng/ul	-0.07
18) Fluoranthene-d10	18.833	212	5969	0.301	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.220	128	767	0.032	ng/ul#	67
10) Acenaphthylene	13.770	152	1929	0.085	ng/ul#	87
11) Acenaphthene	14.117	153	1009	0.062	ng/ul	94
12) Fluorene	15.111	166	1384	0.079	ng/ul#	97
19) Fluoranthene	18.866	202	92153	3.215	ng/ul	96
20) Pyrene	19.228	202	72698	2.346	ng/ul	96
21) Benzo(a)anthracene	20.988	228	37297	1.459	ng/ul	99
22) Chrysene	21.041	228	37088	1.137	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	77835	1.748	ng/ul	88
25) Benzo(k)fluoranthene	22.478	252	77835	1.470	ng/ul#	86
26) Benzo(a)pyrene	23.002	252	34811	0.844	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.139	276	29356	0.435	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.142	278	6394	0.127	ng/ul#	80
29) Benzo(g,h,i)perylene	25.762	276	29277	0.506	ng/ul	97

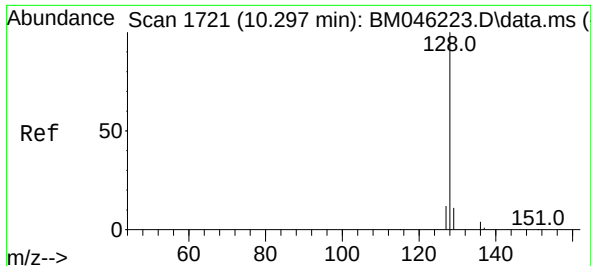
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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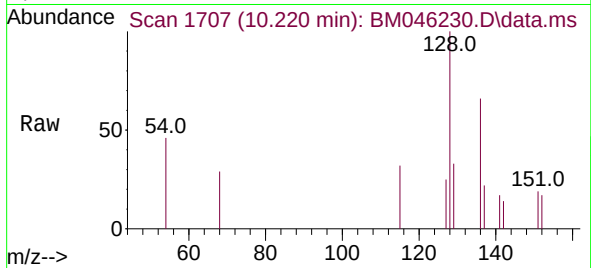
Quant Time: Jun 24 02:30:10 2024
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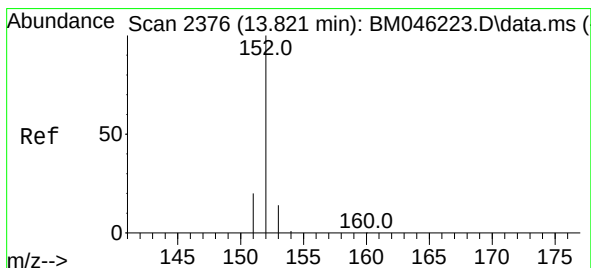
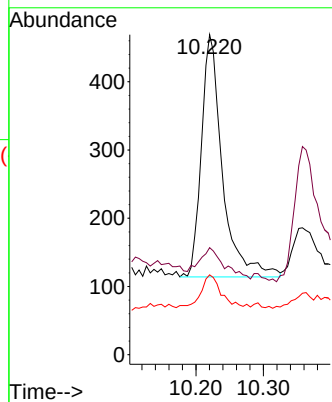
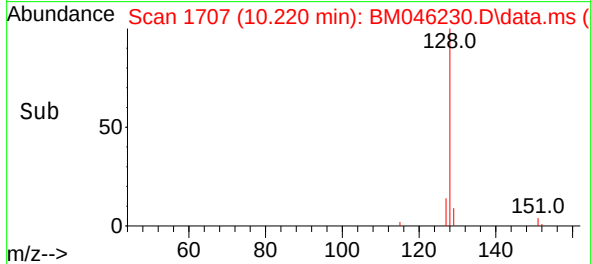


#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.220 min Scan# 1707
Delta R.T. -0.083 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Instrument :
BNA_M
ClientSampleId :

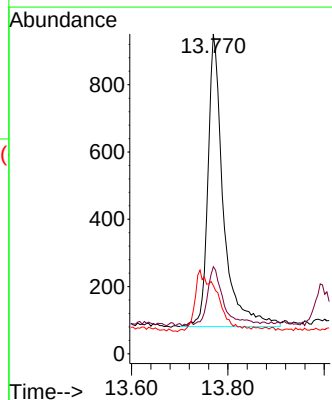
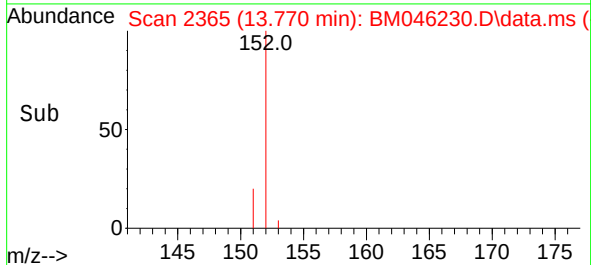
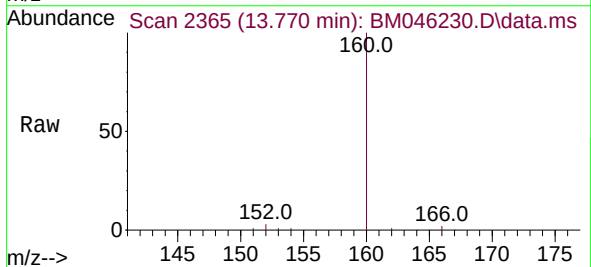


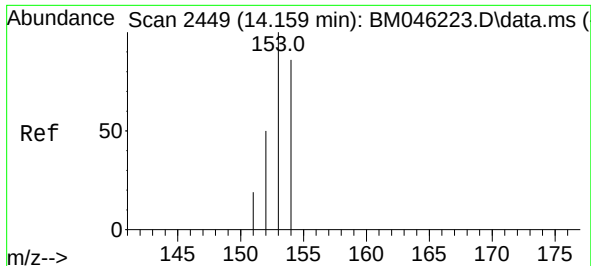
Tgt Ion:128 Resp: 767
Ion Ratio Lower Upper
128 100
129 33.5 11.8 17.6#
127 24.9 12.8 19.2#



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.770 min Scan# 2365
Delta R.T. -0.065 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

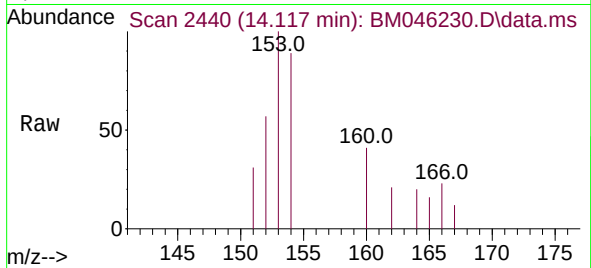
Tgt Ion:152 Resp: 1929
Ion Ratio Lower Upper
152 100
151 27.2 17.4 26.2#
153 21.3 11.8 17.8#



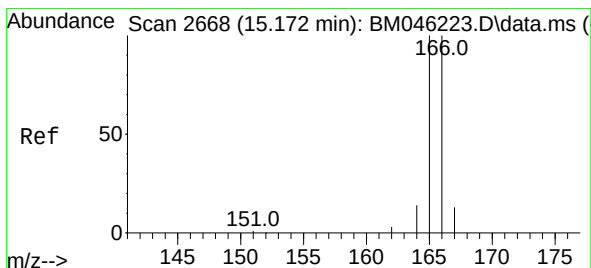
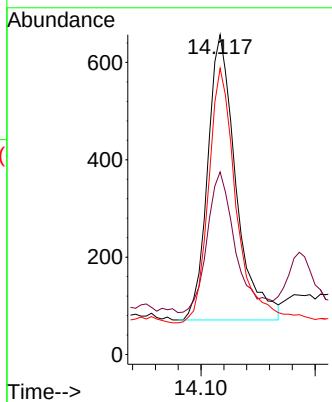
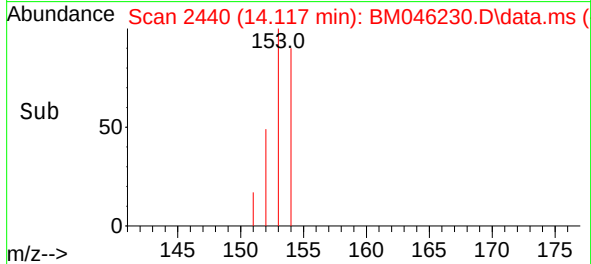


#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.117 min Scan# 2440
Delta R.T. -0.056 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Instrument :
BNA_M
ClientSampleId :

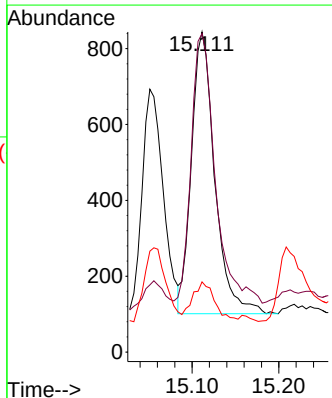
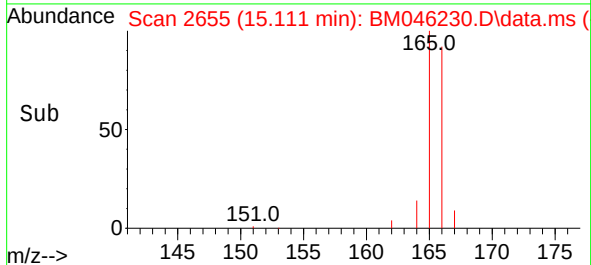
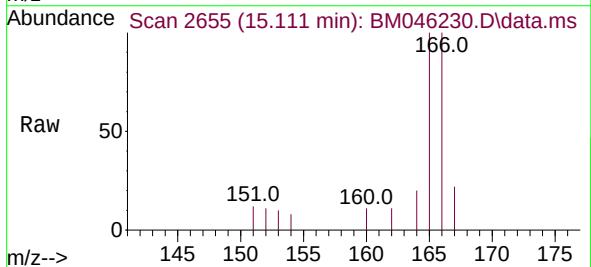


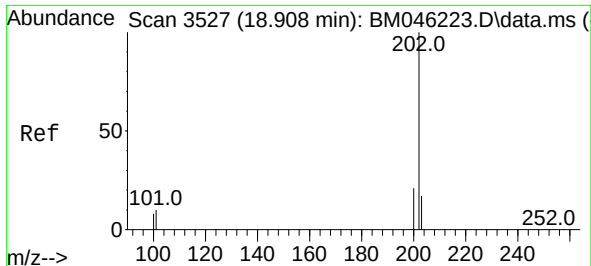
Tgt Ion:153 Resp: 1009
Ion Ratio Lower Upper
153 100
152 57.1 41.3 61.9
154 89.5 68.2 102.4



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.111 min Scan# 2655
Delta R.T. -0.069 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Tgt Ion:166 Resp: 1384
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 21.9 12.4 18.6#





#19

Fluoranthene

Concen: 3.215 ng/ul

RT: 18.866 min Scan# 3518

Delta R.T. -0.051 min

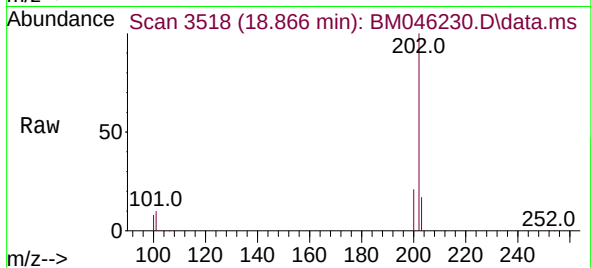
Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Instrument :

BNA_M

ClientSampleId :



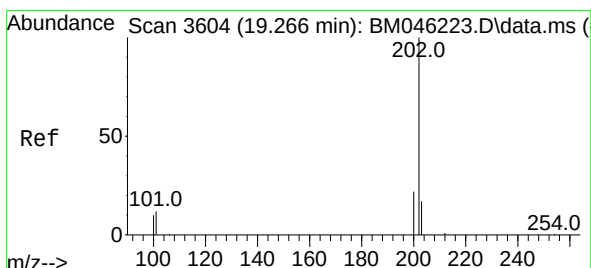
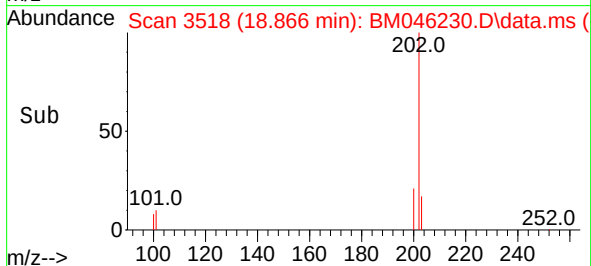
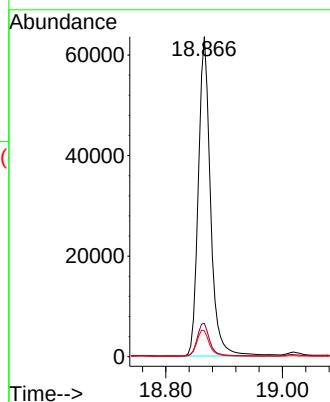
Tgt Ion:202 Resp: 92153

Ion Ratio Lower Upper

202 100

101 10.4 9.6 14.4

100 8.1 7.6 11.4



#20

Pyrene

Concen: 2.346 ng/ul

RT: 19.228 min Scan# 3596

Delta R.T. -0.047 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

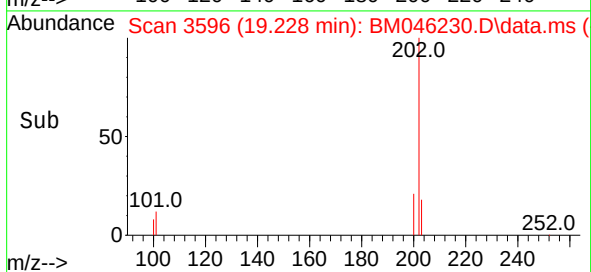
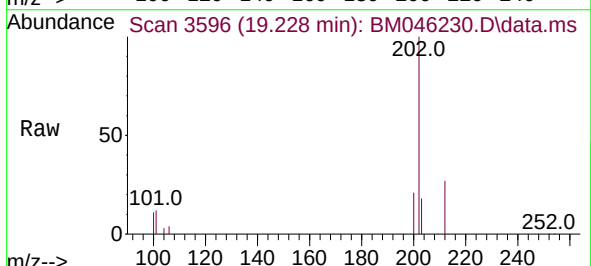
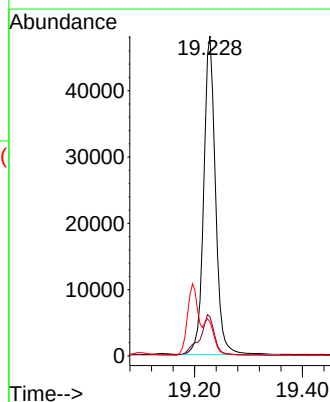
Tgt Ion:202 Resp: 72698

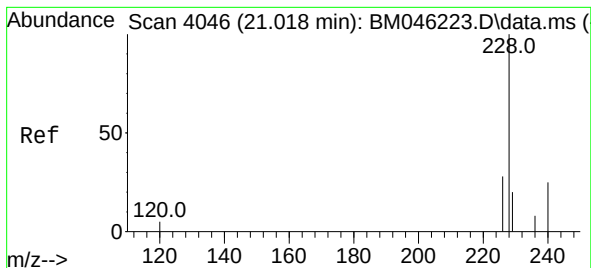
Ion Ratio Lower Upper

202 100

101 12.3 11.3 16.9

100 10.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.459 ng/ul

RT: 20.988 min Scan# 4036

Delta R.T. -0.041 min

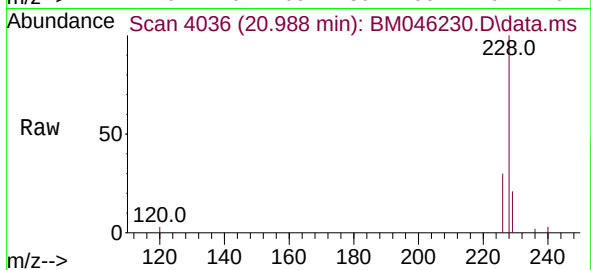
Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Instrument :

BN_A_M

ClientSampleId :



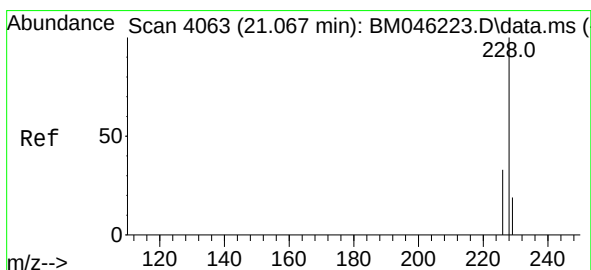
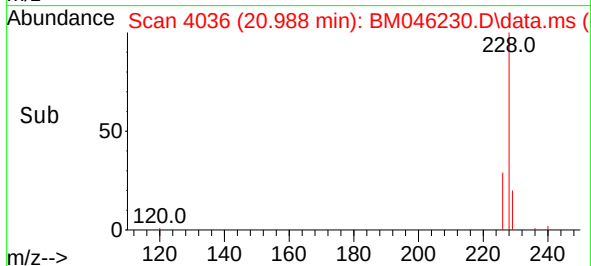
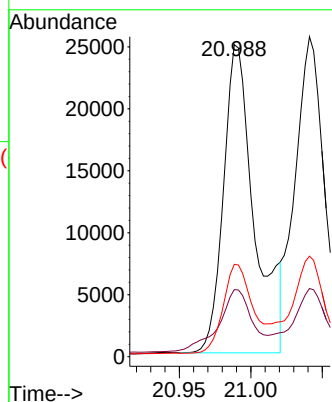
Tgt Ion:228 Resp: 37297

Ion Ratio Lower Upper

228 100

229 21.5 16.4 24.6

226 29.6 23.4 35.2



#22

Chrysene

Concen: 1.137 ng/ul

RT: 21.041 min Scan# 4054

Delta R.T. -0.035 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

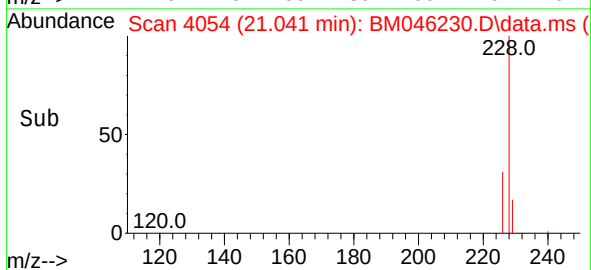
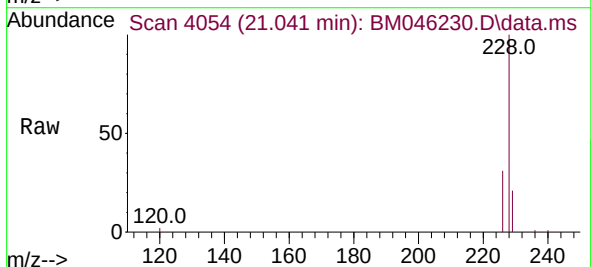
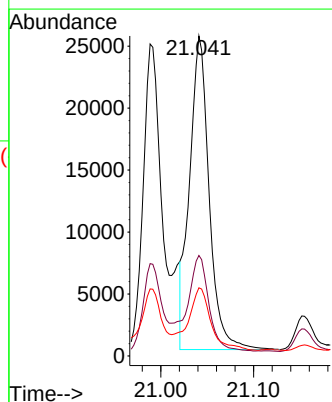
Tgt Ion:228 Resp: 37088

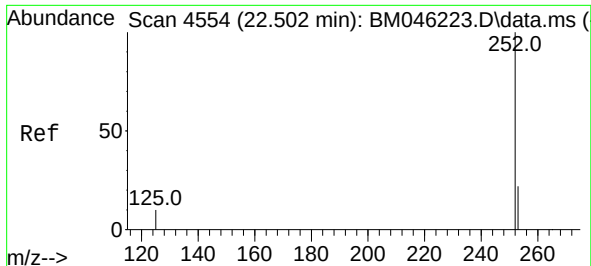
Ion Ratio Lower Upper

228 100

226 31.4 25.2 37.8

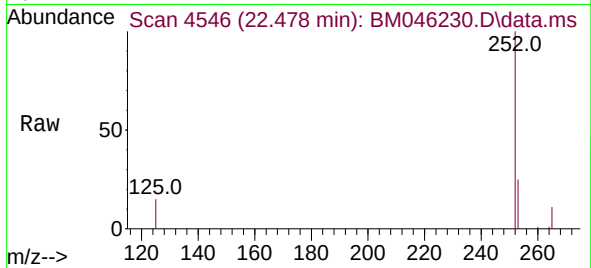
229 21.3 16.3 24.5



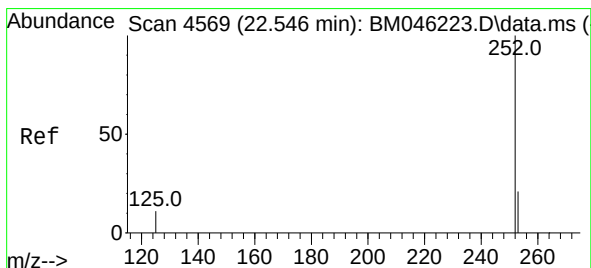
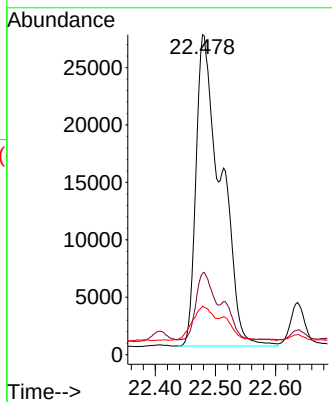
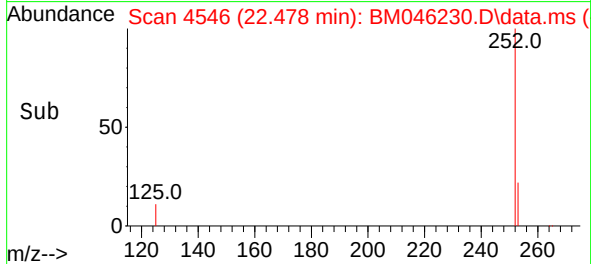


#24
Benzo(b)fluoranthene
Concen: 1.748 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Instrument :
BNA_M
ClientSampleId :

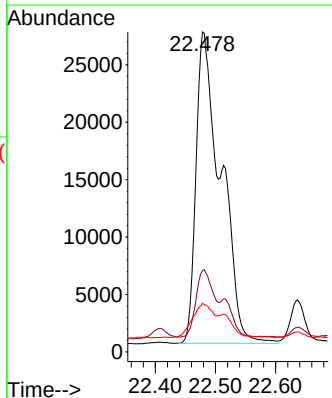
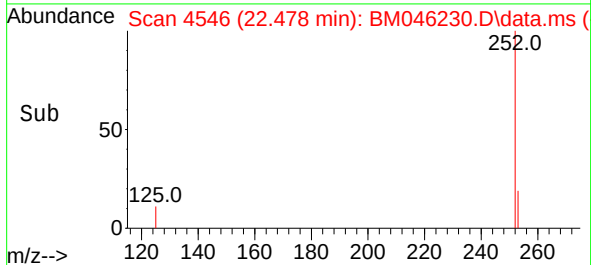
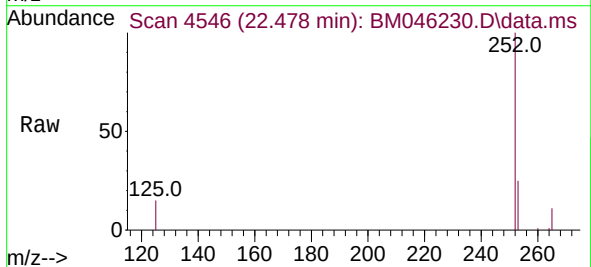


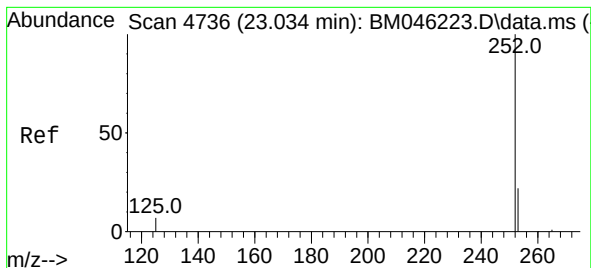
Tgt Ion:252 Resp: 77835
Ion Ratio Lower Upper
252 100
253 25.4 0.0 65.8
125 15.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.470 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.085 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Tgt Ion:252 Resp: 77835
Ion Ratio Lower Upper
252 100
253 25.4 27.2 40.8#
125 15.2 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.844 ng/ul

RT: 23.002 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

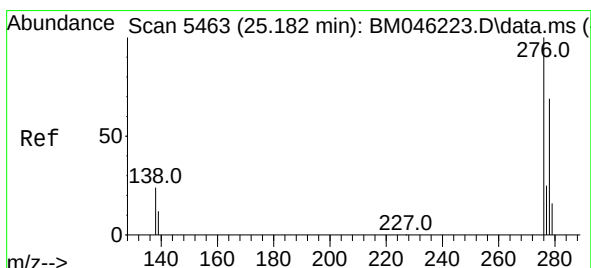
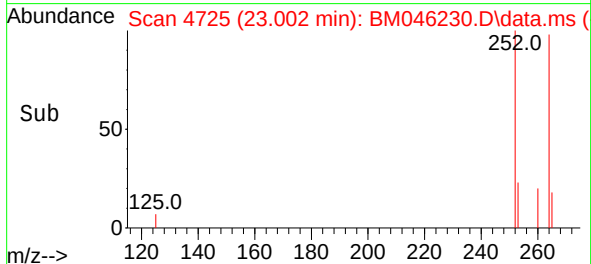
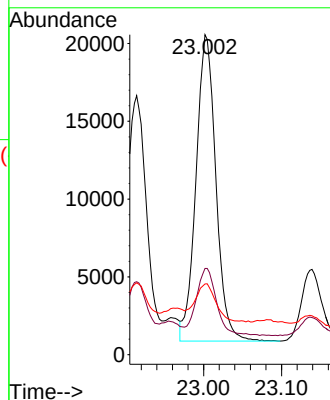
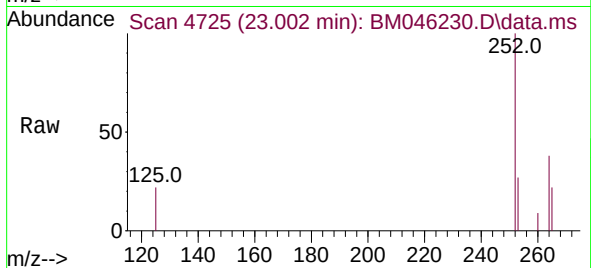
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252 Resp: 34811

Ion	Ratio	Lower	Upper
252	100		
253	27.0	32.1	48.1#
125	22.1	21.2	31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng/ul

RT: 25.139 min Scan# 5450

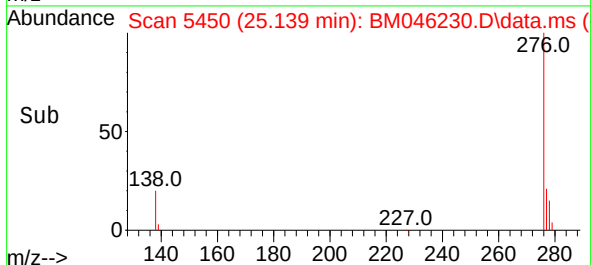
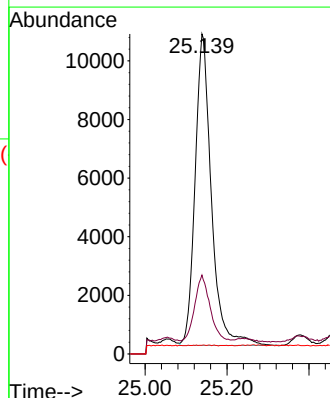
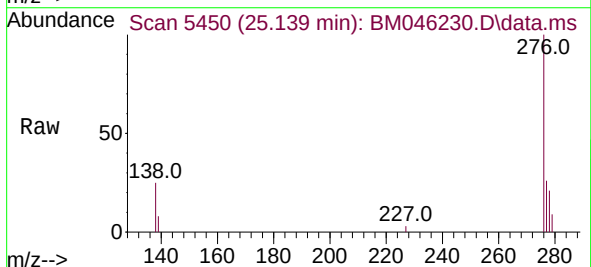
Delta R.T. -0.064 min

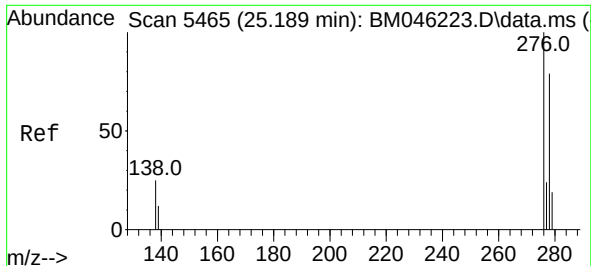
Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Tgt Ion:276 Resp: 29356

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.0	31.4
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.127 ng/ul

RT: 25.142 min Scan# 5465

Delta R.T. -0.074 min

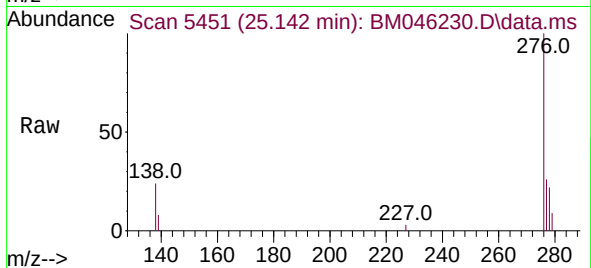
Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Instrument :

BNA_M

ClientSampleId :



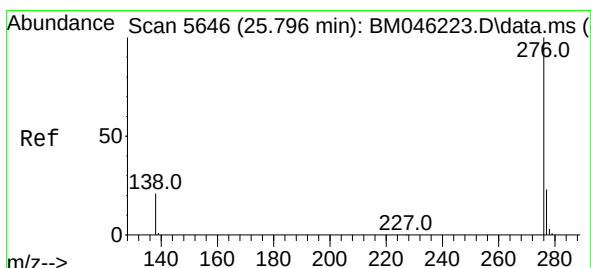
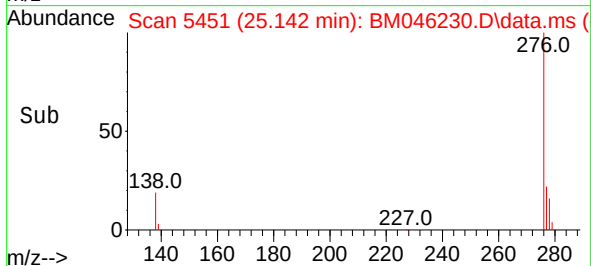
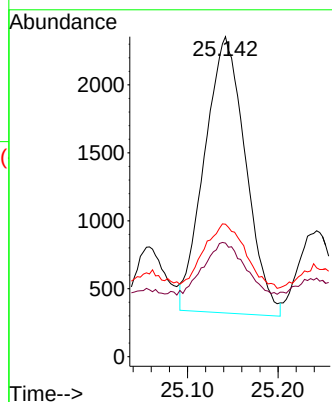
Tgt Ion:278 Resp: 6394

Ion Ratio Lower Upper

278 100

139 35.5 17.6 26.4#

279 41.4 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.506 ng/ul

RT: 25.762 min Scan# 5636

Delta R.T. -0.067 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Tgt Ion:276 Resp: 29277

Ion Ratio Lower Upper

276 100

138 24.6 21.7 32.5

277 26.1 20.4 30.6

