

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045491.D
 Acq On : 22 Apr 2024 22:25
 Operator : MA/JU
 Sample : P2037-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY0

Quant Time: Apr 23 08:31:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

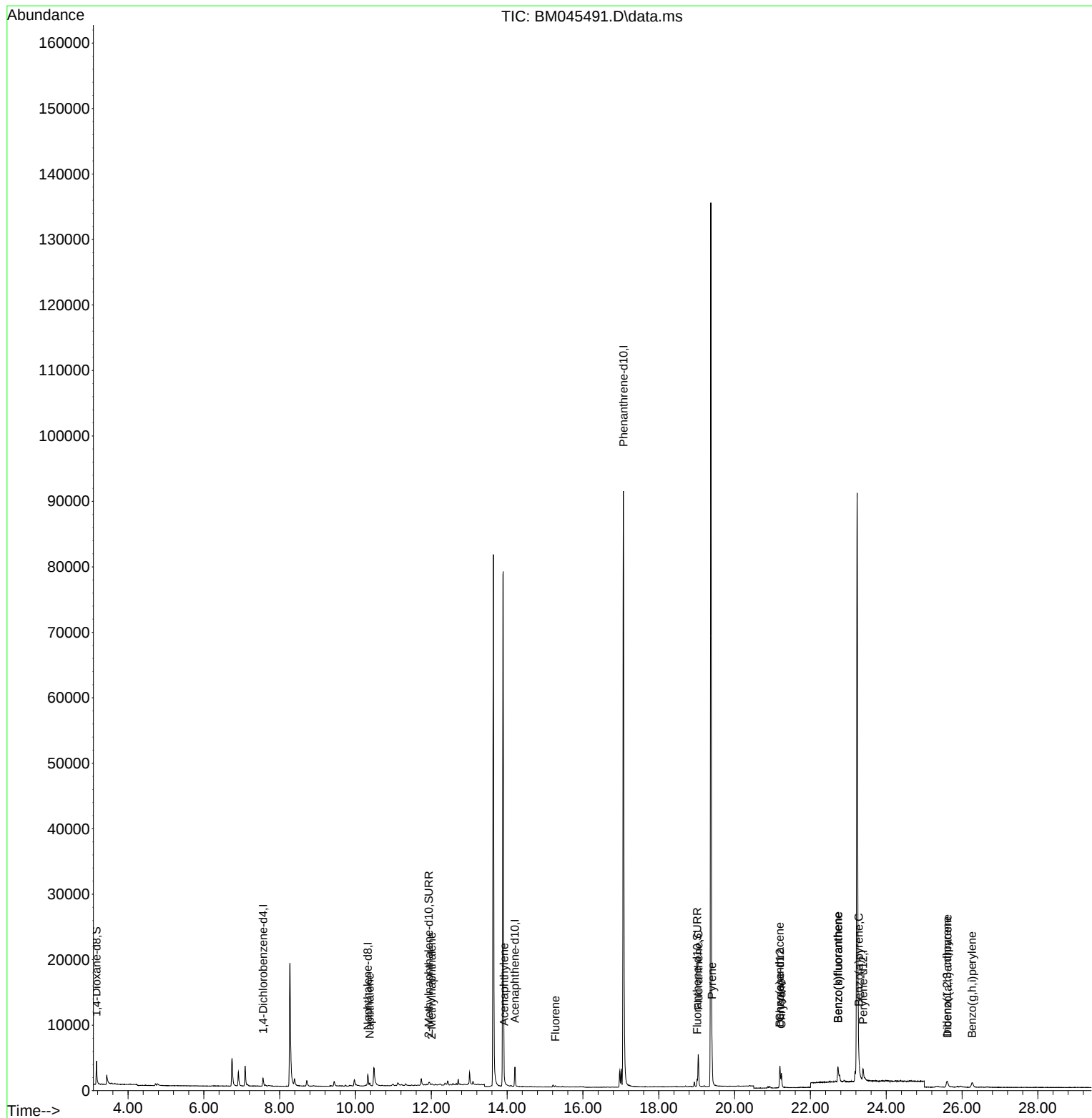
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	814	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	2607	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.205	164	1624	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.068	188	123695	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.196	240	2163	0.400	ng/ul	-0.02
23) Perylene-d12	23.388	264	3275	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	2580	2.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	657	0.191	ng/ul	-0.04
18) Fluoranthene-d10	19.015	212	1372	0.201	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	568	0.081	ng/ul#	84
7) 2-Methylnaphthalene	12.008	142	167	0.042	ng/ul	98
10) Acenaphthylene	13.923	152	239	0.030	ng/ul#	38
12) Fluorene	15.274	166	178	0.028	ng/ul#	86
19) Fluoranthene	19.043	202	4633	0.464	ng/ul	95
20) Pyrene	19.405	202	3941	0.384	ng/ul	99
21) Benzo(a)anthracene	21.187	228	1835	0.265	ng/ul	93
22) Chrysene	21.234	228	2528	0.238	ng/ul	99
24) Benzo(b)fluoranthene	22.727	252	4004	0.363	ng/ul	90
25) Benzo(k)fluoranthene	22.727	252	4957	0.356	ng/ul#	90
26) Benzo(a)pyrene	23.277	252	1767	0.155	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.605	276	1912	0.115	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.618	278	553	0.042	ng/ul#	26
29) Benzo(g,h,i)perylene	26.266	276	1838	0.123	ng/ul	94

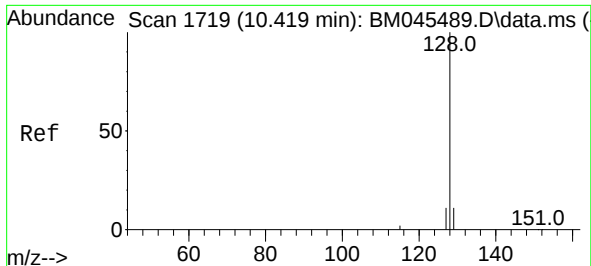
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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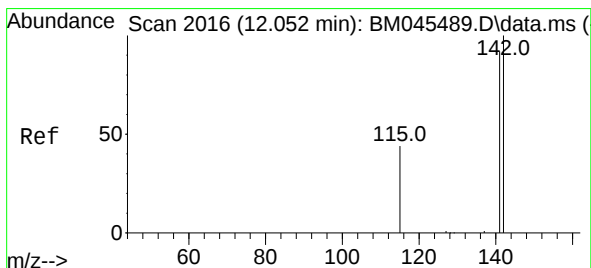
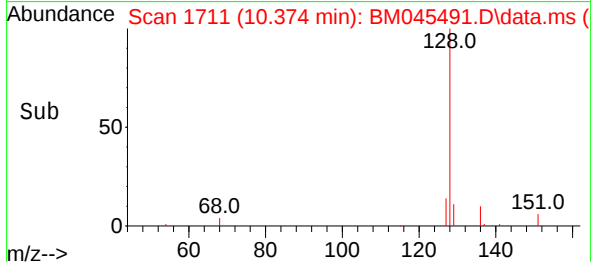
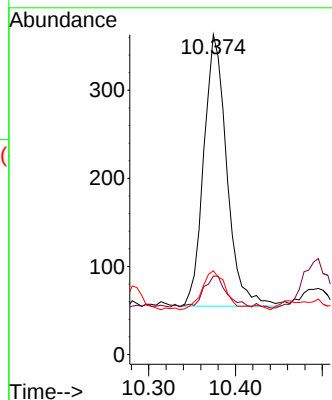
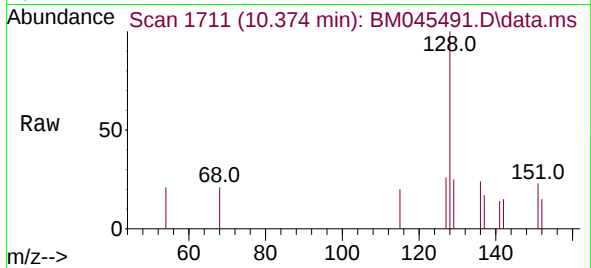




#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.374 min Scan# 1
Delta R.T. -0.044 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

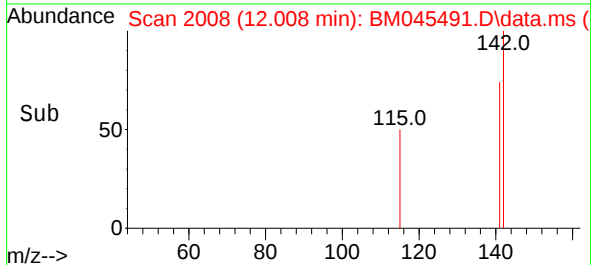
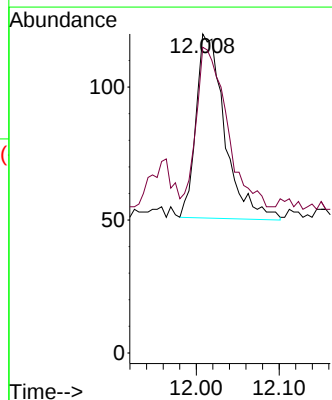
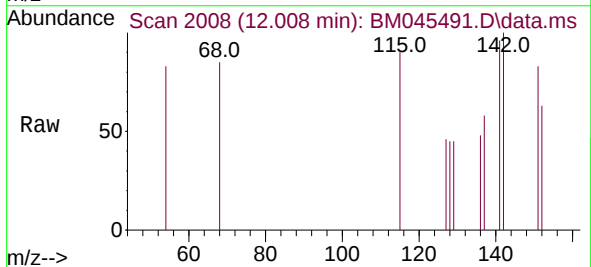
Instrument :
BNA_M
ClientSampleId :
E1CY0

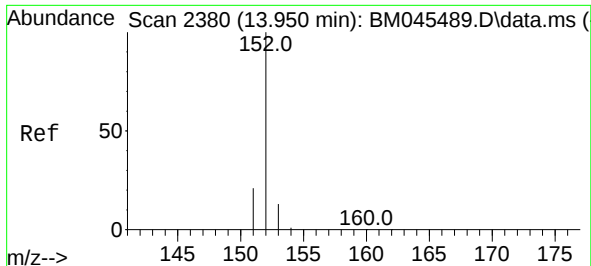
Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 24.5 14.0 21.0#
127 26.2 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. -0.044 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
141 91.0 74.6 111.8





#10

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.923 min Scan# 24

Delta R.T. -0.028 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

Instrument :

BNA_M

ClientSampleId :

E1CY0

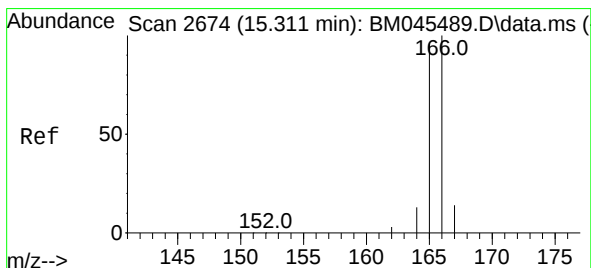
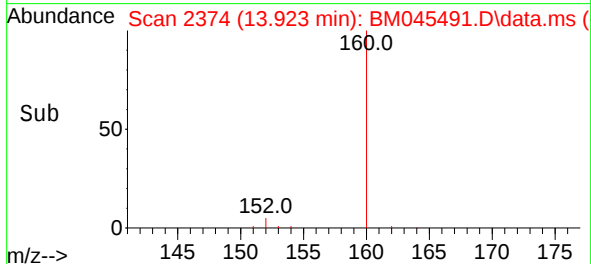
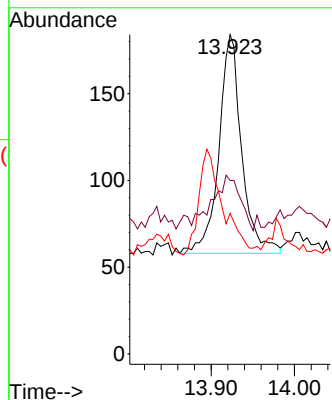
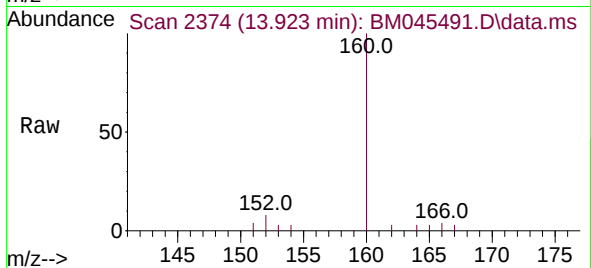
Tgt Ion:152 Resp: 239

Ion Ratio Lower Upper

152 100

151 54.3 18.6 28.0#

153 44.0 14.1 21.1#



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.274 min Scan# 2666

Delta R.T. -0.037 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

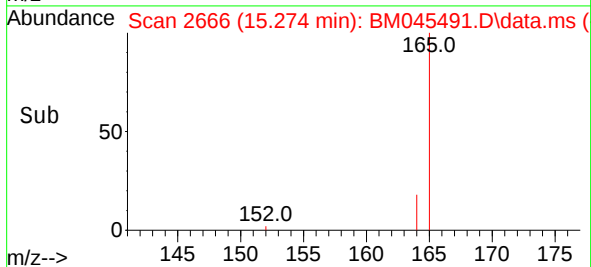
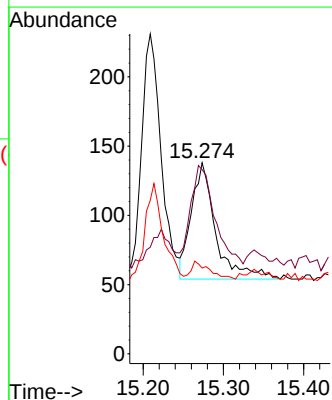
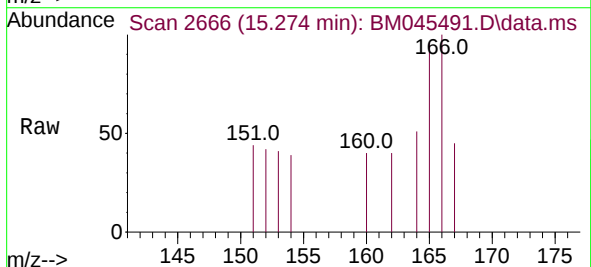
Tgt Ion:166 Resp: 178

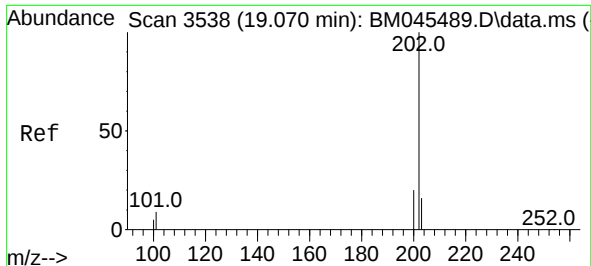
Ion Ratio Lower Upper

166 100

165 96.4 82.2 123.2

167 44.9 14.8 22.2#





#19

Fluoranthene

Concen: 0.464 ng/ul

RT: 19.043 min Scan# 3532

Delta R.T. -0.028 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

Instrument :

BNA_M

ClientSampleId :

E1CY0

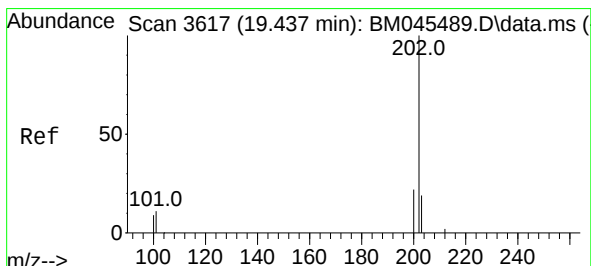
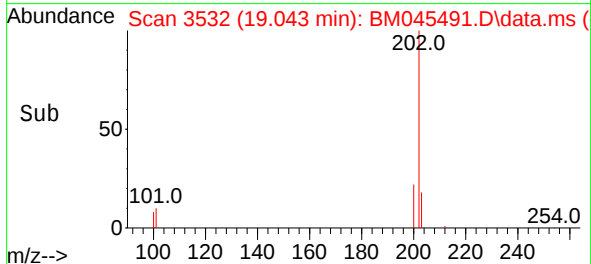
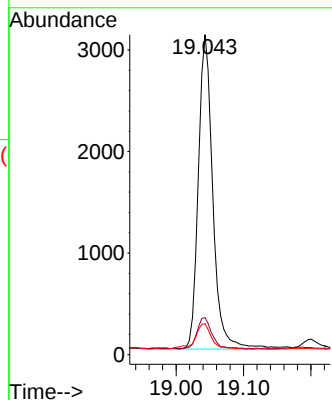
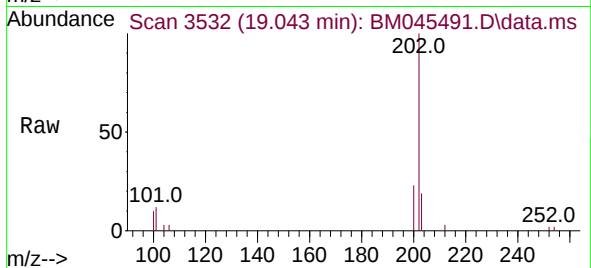
Tgt Ion:202 Resp: 4633

Ion Ratio Lower Upper

202 100

101 11.6 11.2 16.8

100 9.7 9.1 13.7



#20

Pyrene

Concen: 0.384 ng/ul

RT: 19.405 min Scan# 3610

Delta R.T. -0.032 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

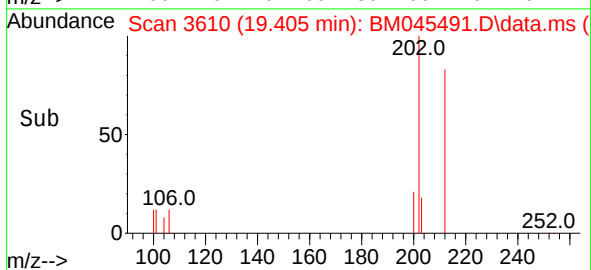
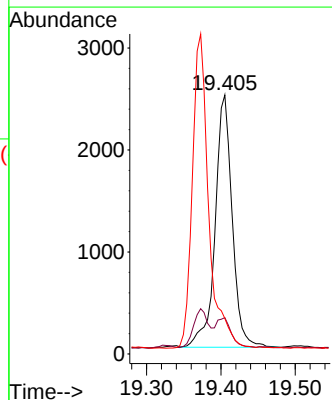
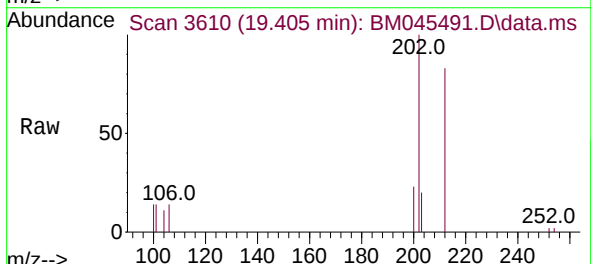
Tgt Ion:202 Resp: 3941

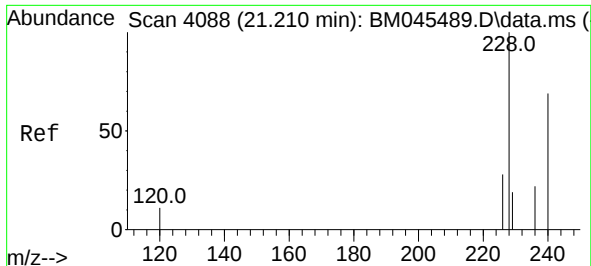
Ion Ratio Lower Upper

202 100

101 14.1 11.5 17.3

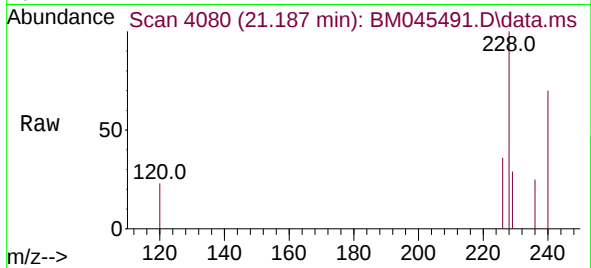
100 13.7 10.6 15.8



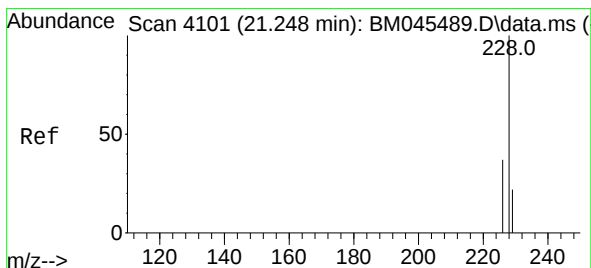
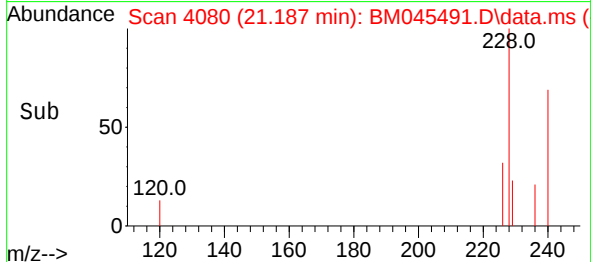
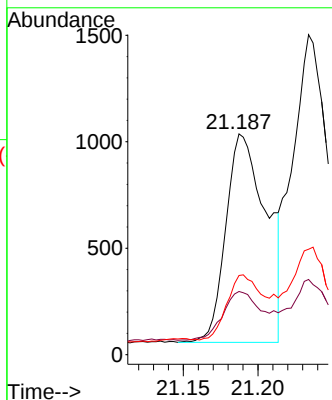


#21
Benzo(a)anthracene
Concen: 0.265 ng/ul
RT: 21.187 min Scan# 4080
Delta R.T. -0.023 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Instrument :
BNA_M
ClientSampleId :
E1CY0

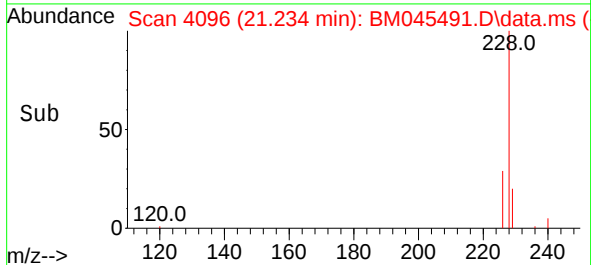
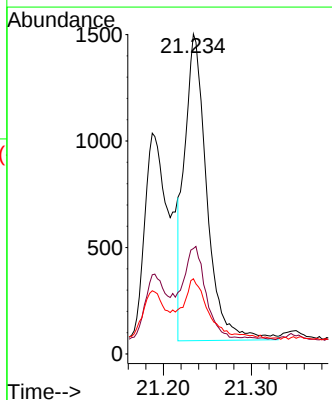
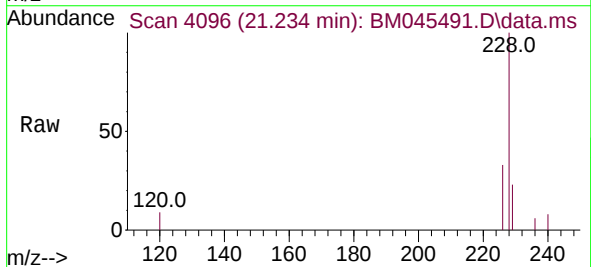


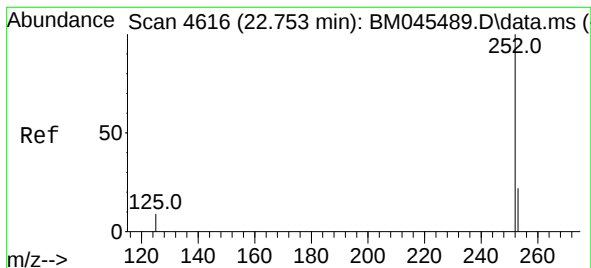
Tgt Ion:228 Resp: 1835
Ion Ratio Lower Upper
228 100
229 28.6 19.4 29.2
226 35.9 26.3 39.5



#22
Chrysene
Concen: 0.238 ng/ul
RT: 21.234 min Scan# 4096
Delta R.T. -0.014 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Tgt Ion:228 Resp: 2528
Ion Ratio Lower Upper
228 100
226 32.9 26.3 39.5
229 23.5 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 22.727 min Scan# 4

Delta R.T. -0.026 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

Instrument :

BNA_M

ClientSampleId :

E1CY0

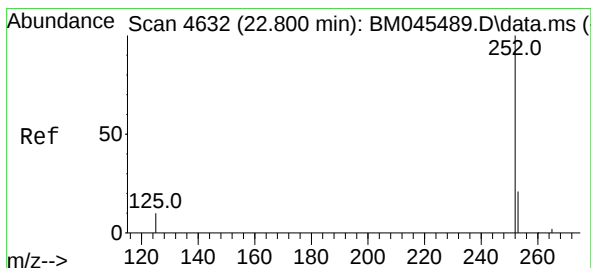
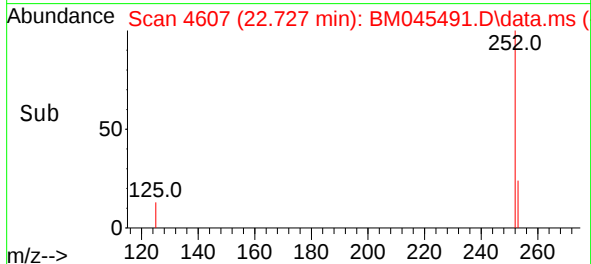
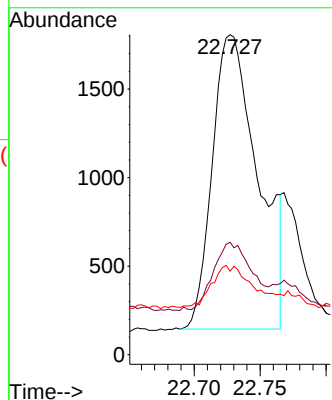
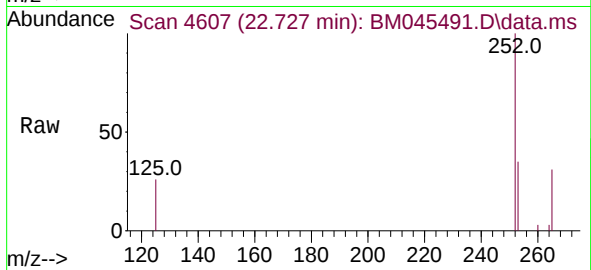
Tgt Ion:252 Resp: 4004

Ion Ratio Lower Upper

252 100

253 35.1 0.0 63.4

125 26.1 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 0.356 ng/ul

RT: 22.727 min Scan# 4607

Delta R.T. -0.073 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

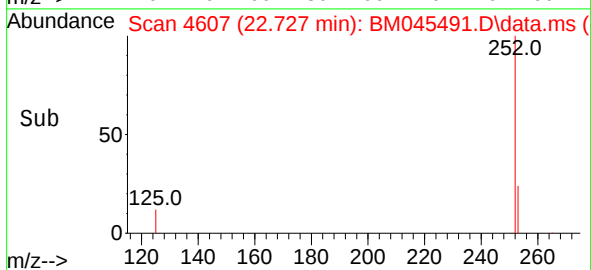
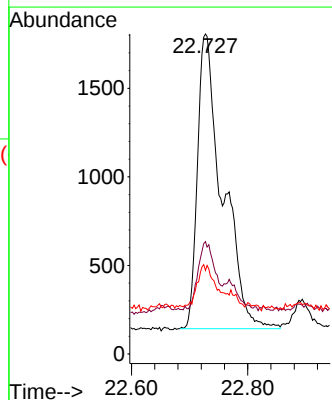
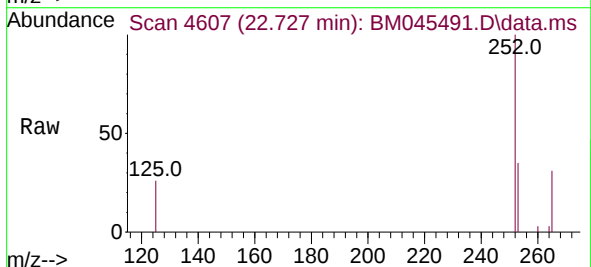
Tgt Ion:252 Resp: 4957

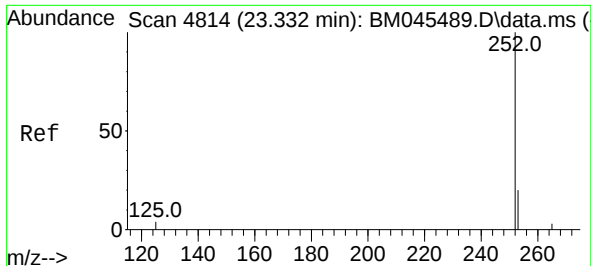
Ion Ratio Lower Upper

252 100

253 35.1 25.4 38.0

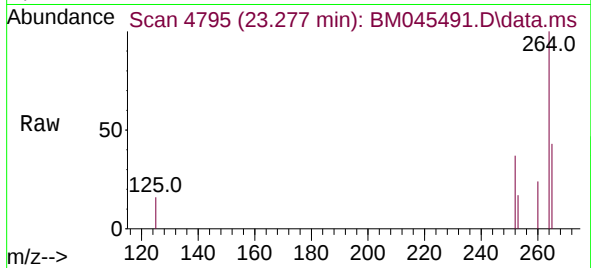
125 26.1 14.8 22.2#



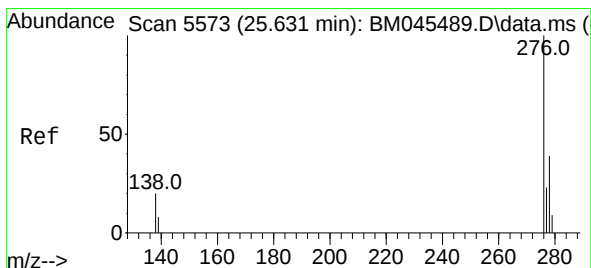
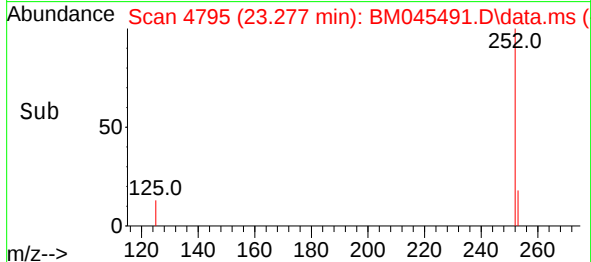
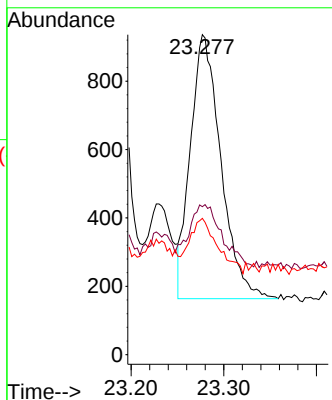


#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.277 min Scan# 41
Delta R.T. -0.055 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Instrument :
BNA_M
ClientSampleId :
E1CY0

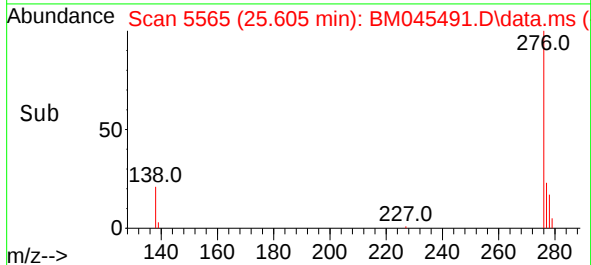
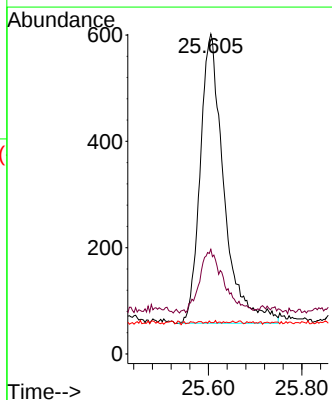
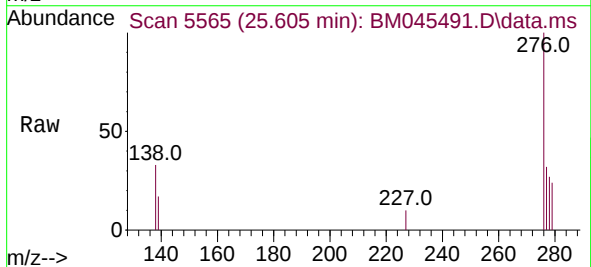


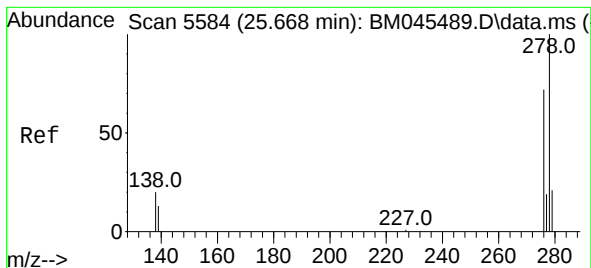
Tgt Ion:252 Resp: 1767
Ion Ratio Lower Upper
252 100
253 46.3 31.6 47.4
125 42.6 19.5 29.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.605 min Scan# 5565
Delta R.T. -0.026 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Tgt Ion:276 Resp: 1912
Ion Ratio Lower Upper
276 100
138 22.2 19.8 29.6
227 0.2 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

RT: 25.618 min Scan# 5569

Delta R.T. -0.050 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

Instrument :

BNA_M

ClientSampleId :

E1CY0

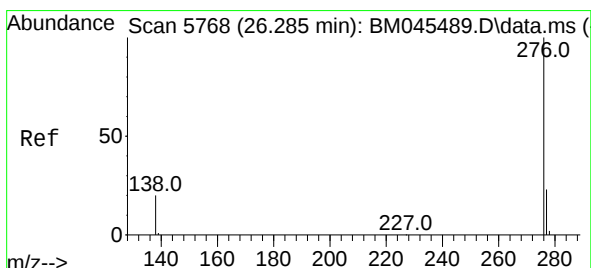
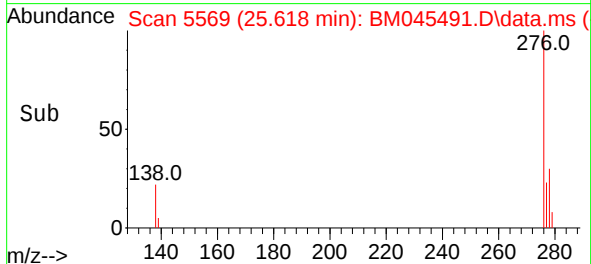
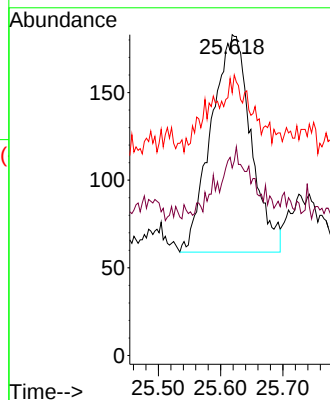
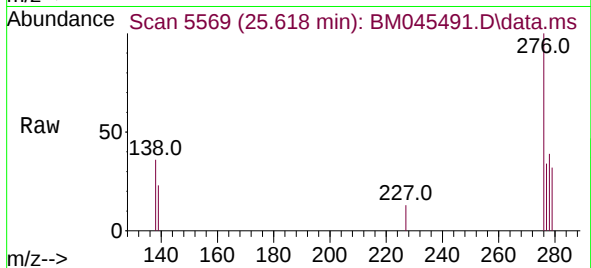
Tgt Ion:278 Resp: 553

Ion Ratio Lower Upper

278 100

139 58.5 19.0 28.6#

279 82.0 29.4 44.2#



#29

Benzo(g,h,i)perylene

Concen: 0.123 ng/ul

RT: 26.266 min Scan# 5762

Delta R.T. -0.020 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

Tgt Ion:276 Resp: 1838

Ion Ratio Lower Upper

276 100

138 29.5 20.8 31.2

277 30.3 21.8 32.8

