

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045500.D
 Acq On : 23 Apr 2024 03:53
 Operator : MA/JU
 Sample : P2037-23
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX8

Quant Time: Apr 23 08:33:03 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)

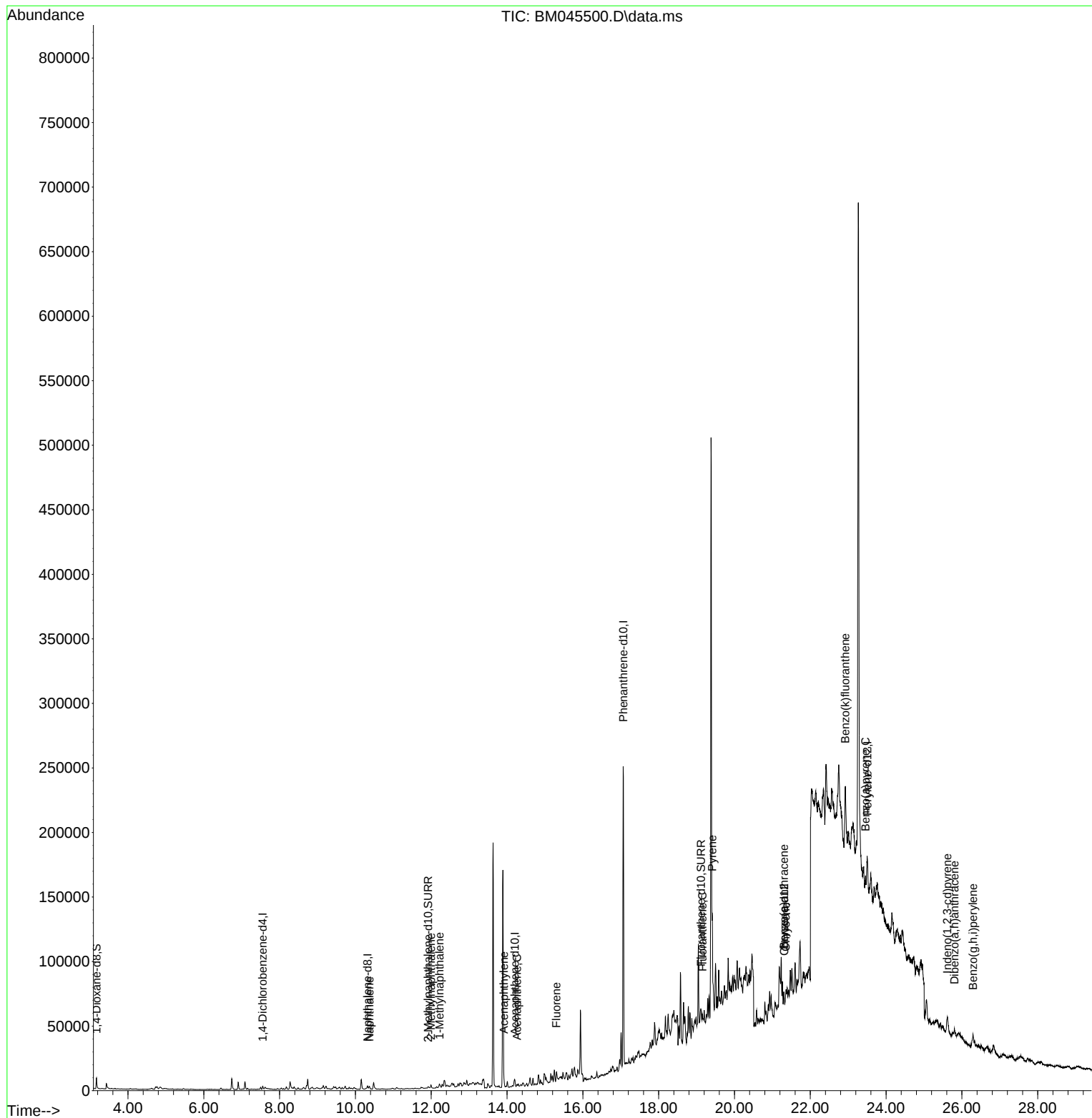
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1345	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136	3804	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2524	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.064	188	261646	0.400	ng/ul	0.06
17) Chrysene-d12	21.315	240	460	0.400	ng/ul	# 0.10
23) Perylene-d12	23.507	264	1683	0.400	ng/ul	# 0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5965	3.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1665	0.332	ng/ul	-0.06
18) Fluoranthene-d10	19.121	212	7562	5.221	ng/ul	0.08
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	2873	0.281	ng/ul	97
7) 2-Methylnaphthalene	11.991	142	2089	0.358	ng/ul	96
8) 1-Methylnaphthalene	12.217	142	2232	0.341	ng/ul	99
10) Acenaphthylene	13.918	152	2521	0.203	ng/ul#	1
11) Acenaphthene	14.260	153	606	0.066	ng/ul#	62
12) Fluorene	15.301	166	1017	0.103	ng/ul#	1
19) Fluoranthene	19.154	202	3327	1.567	ng/ul#	47
20) Pyrene	19.414	202	74092	33.957	ng/ul	96
21) Benzo(a)anthracene	21.304	228	1099	0.747	ng/ul#	1
22) Chrysene	21.348	228	3206	1.418	ng/ul#	1
25) Benzo(k)fluoranthene	22.920	252	9337	1.305	ng/ul#	1
26) Benzo(a)pyrene	23.458	252	12142	2.068	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.615	276	19151	2.244	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.799	278	140	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.292	276	18425	2.403	ng/ul#	1

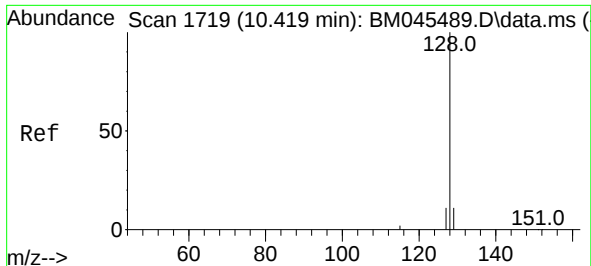
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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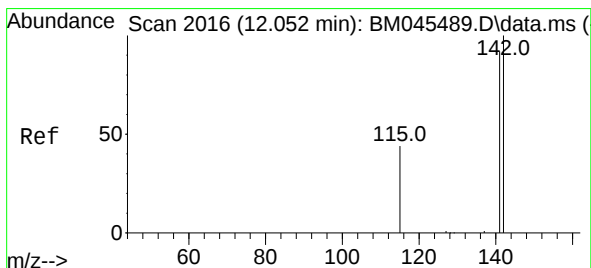
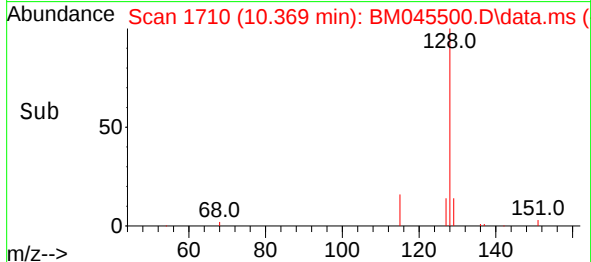
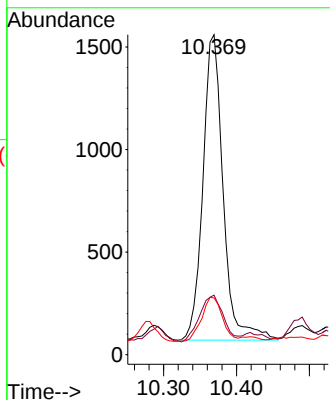
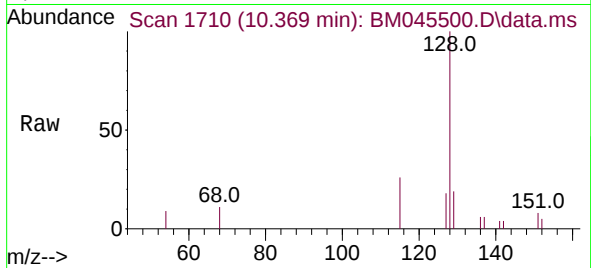




#5
Naphthalene
Concen: 0.281 ng/ul
RT: 10.369 min Scan# 1
Delta R.T. -0.049 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

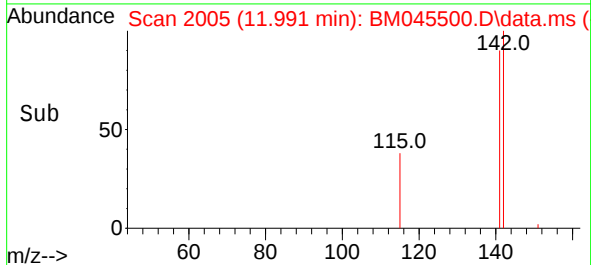
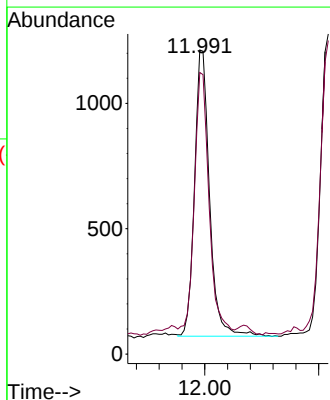
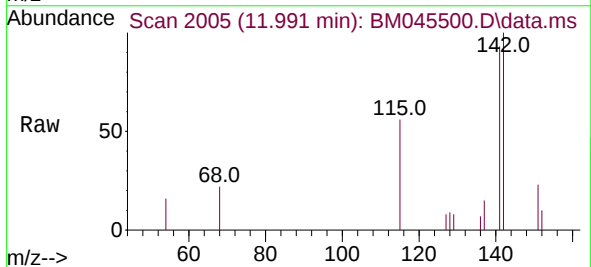
Instrument :
BNA_M
ClientSampleId :
E1CX8

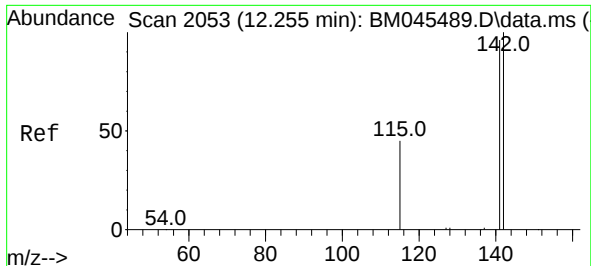
Tgt Ion:128 Resp: 2873
Ion Ratio Lower Upper
128 100
129 18.6 14.0 21.0
127 17.8 15.4 23.2



#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.060 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Tgt Ion:142 Resp: 2089
Ion Ratio Lower Upper
142 100
141 89.4 74.6 111.8

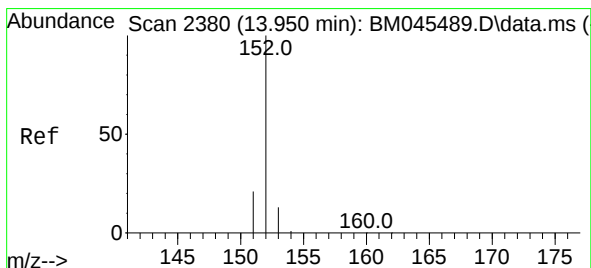
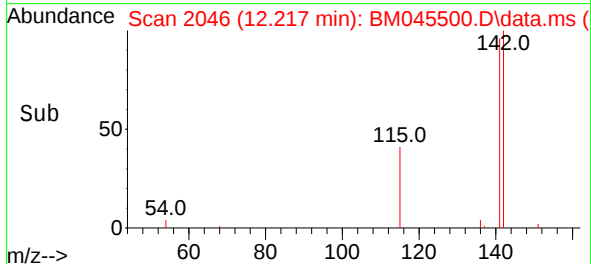
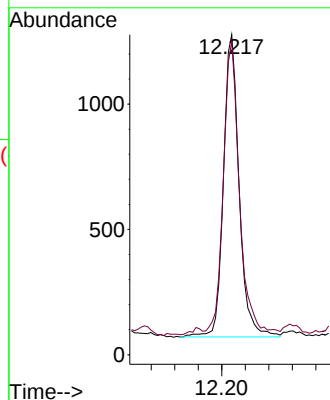
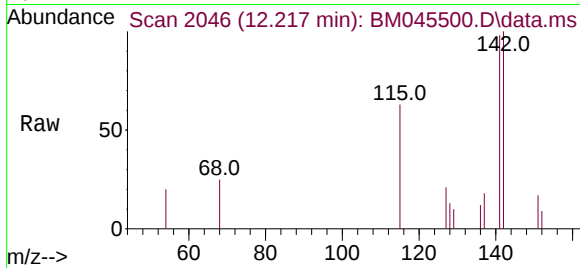




#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.217 min Scan# 2053
Delta R.T. -0.038 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

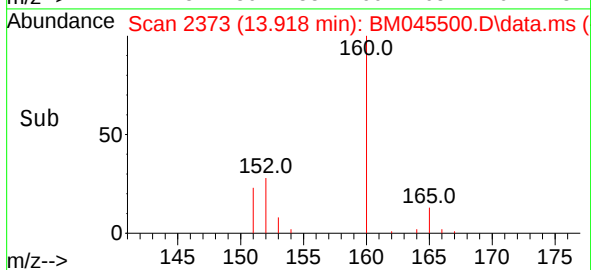
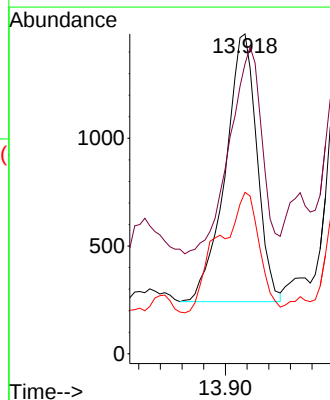
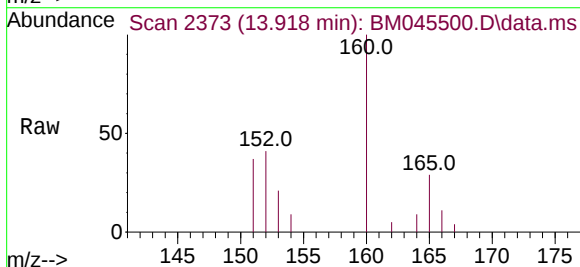
Instrument :
BNA_M
ClientSampleId :
E1CX8

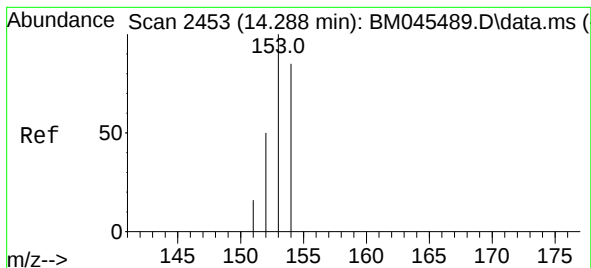
Tgt Ion:142 Resp: 2232
Ion Ratio Lower Upper
142 100
141 95.7 76.1 114.1



#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.032 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Tgt Ion:152 Resp: 2521
Ion Ratio Lower Upper
152 100
151 90.6 18.6 28.0#
153 50.5 14.1 21.1#





#11

Acenaphthene

Concen: 0.066 ng/ul

RT: 14.260 min Scan# 2447

Delta R.T. -0.028 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

Instrument :

BNA_M

ClientSampleId :

E1CX8

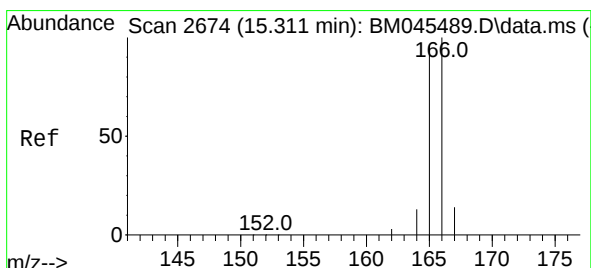
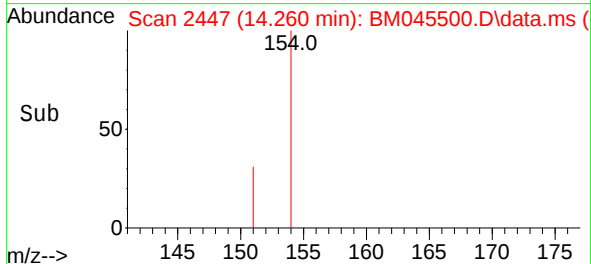
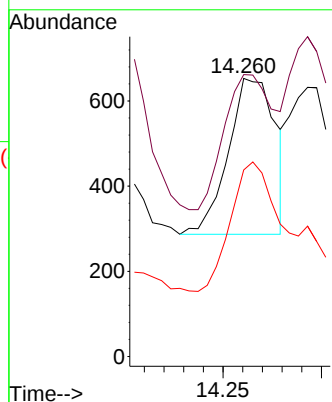
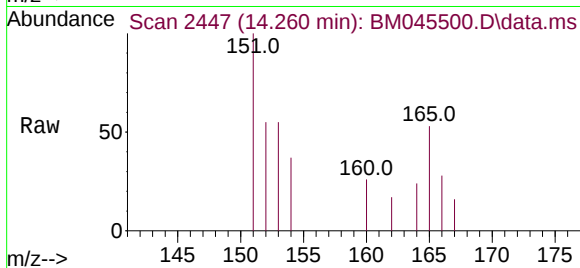
Tgt Ion:153 Resp: 606

Ion Ratio Lower Upper

153 100

152 101.4 43.4 65.2#

154 67.1 69.0 103.6#



#12

Fluorene

Concen: 0.103 ng/ul

RT: 15.301 min Scan# 2672

Delta R.T. -0.009 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

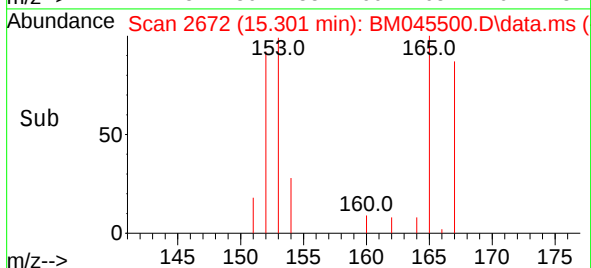
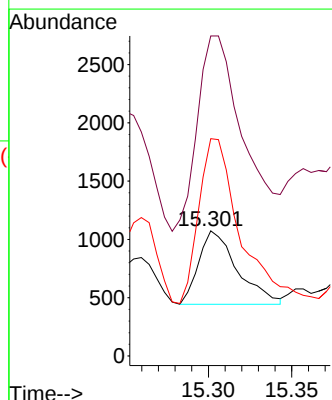
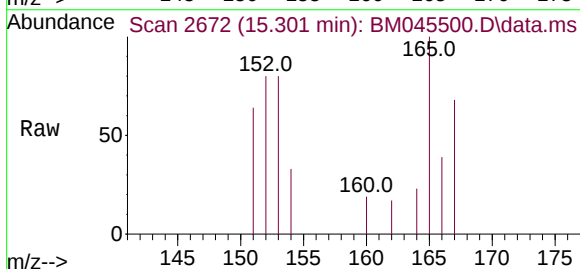
Tgt Ion:166 Resp: 1017

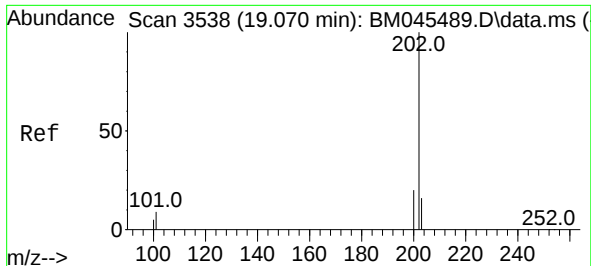
Ion Ratio Lower Upper

166 100

165 255.6 82.2 123.2#

167 173.6 14.8 22.2#





#19

Fluoranthene

Concen: 1.567 ng/ul

RT: 19.154 min Scan# 3556

Delta R.T. 0.084 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

Instrument :

BNA_M

ClientSampleId :

E1CX8

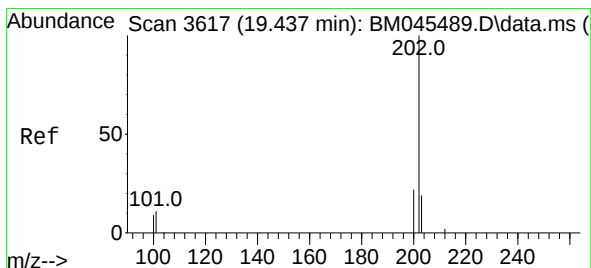
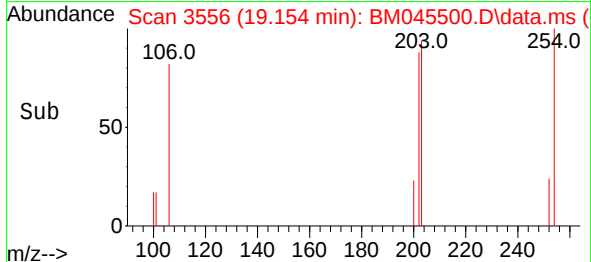
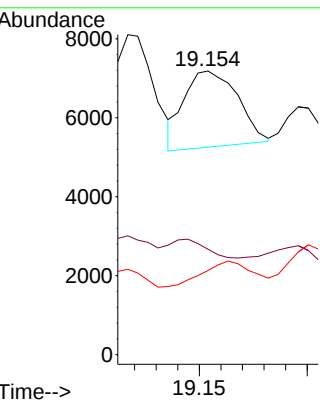
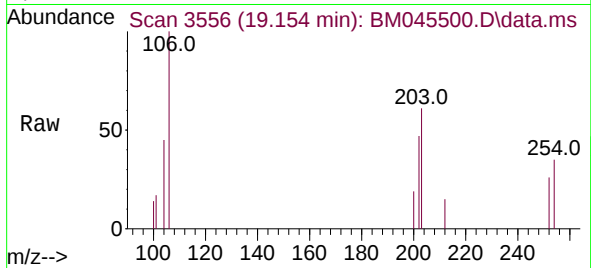
Tgt Ion:202 Resp: 3327

Ion Ratio Lower Upper

202 100

101 37.2 11.2 16.8#

100 29.7 9.1 13.7#



#20

Pyrene

Concen: 33.957 ng/ul

RT: 19.414 min Scan# 3612

Delta R.T. -0.023 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

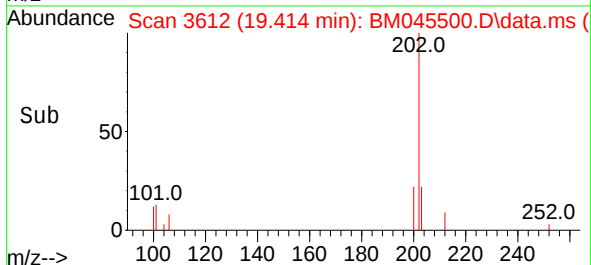
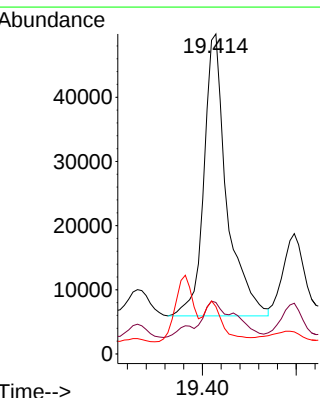
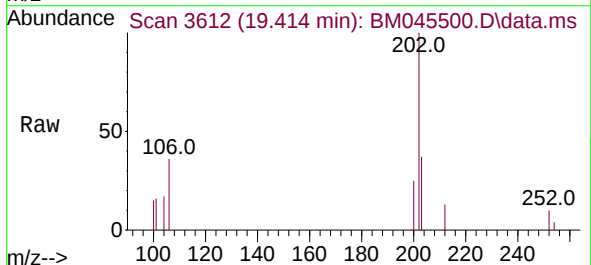
Tgt Ion:202 Resp: 74092

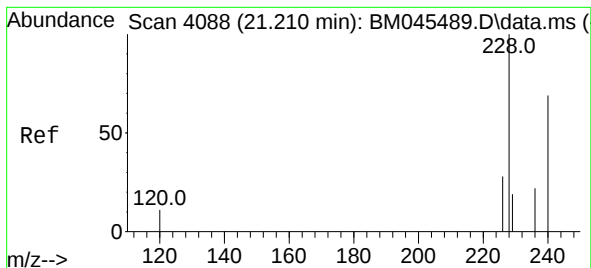
Ion Ratio Lower Upper

202 100

101 16.1 11.5 17.3

100 14.8 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.747 ng/ul

RT: 21.304 min Scan# 4120

Delta R.T. 0.093 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

Instrument :

BNA_M

ClientSampleId :

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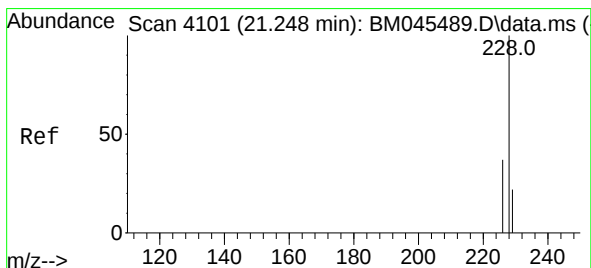
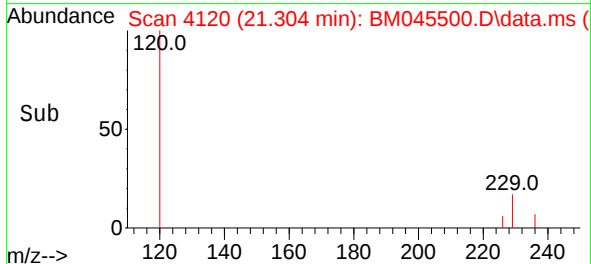
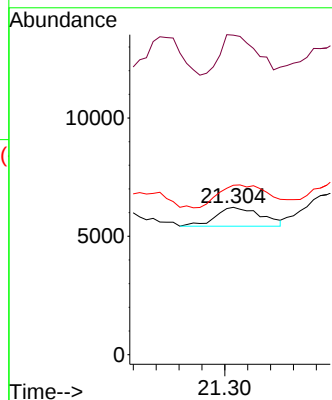
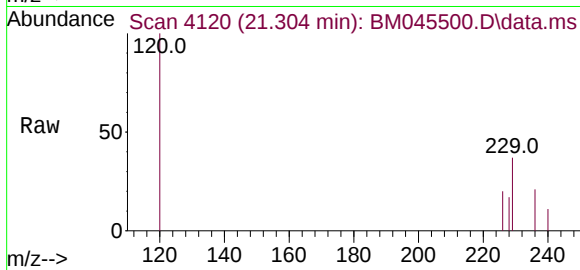
Tgt Ion:228 Resp: 1099

Ion Ratio Lower Upper

228 100

229 216.8 19.4 29.2#

226 114.9 26.3 39.5#



#22

Chrysene

Concen: 1.418 ng/ul

RT: 21.348 min Scan# 4135

Delta R.T. 0.099 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

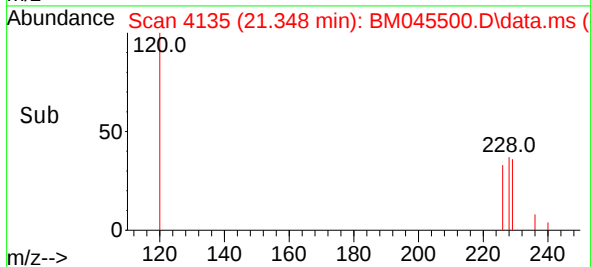
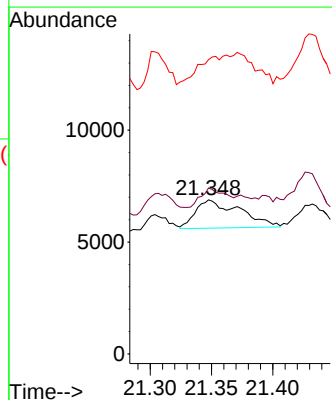
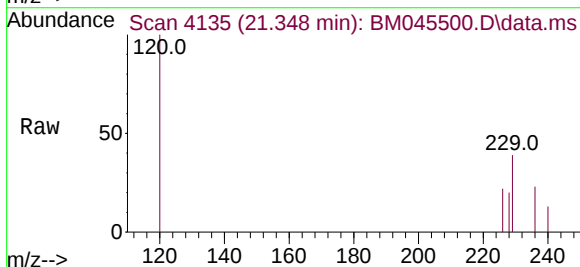
Tgt Ion:228 Resp: 3206

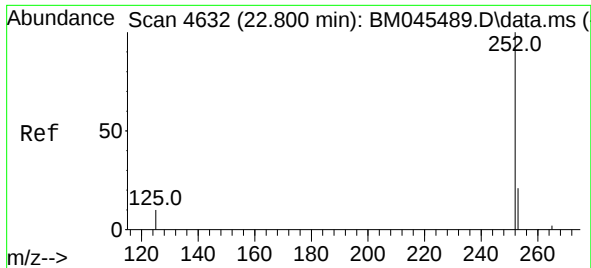
Ion Ratio Lower Upper

228 100

226 107.6 26.3 39.5#

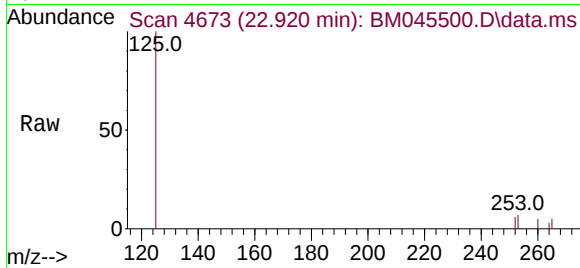
229 190.9 17.8 26.8#



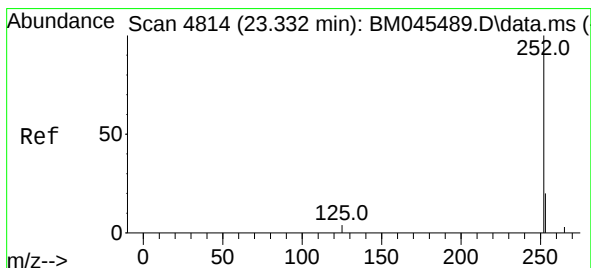
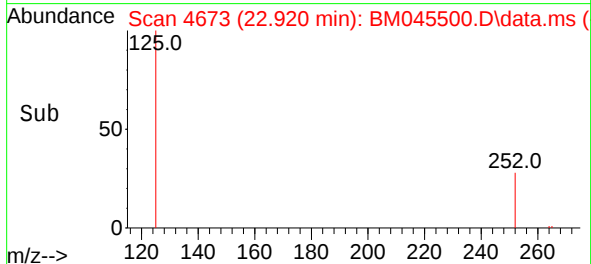
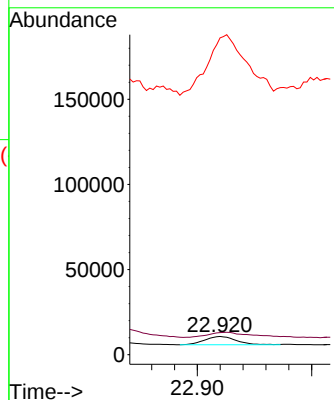


#25
Benzo(k)fluoranthene
Concen: 1.305 ng/ul
RT: 22.920 min Scan# 4673
Delta R.T. 0.120 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Instrument :
BNA_M
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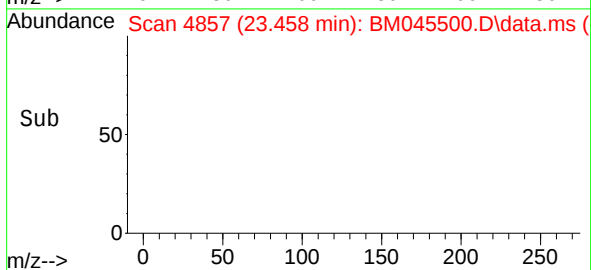
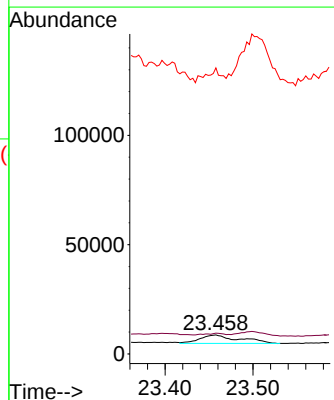
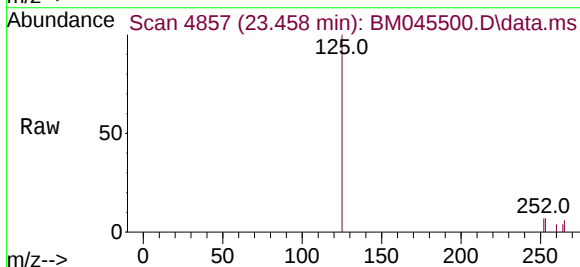


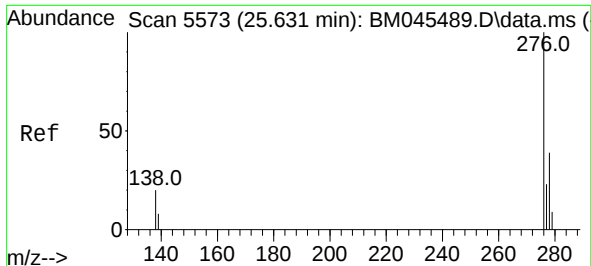
Tgt Ion:252 Resp: 9337
Ion Ratio Lower Upper
252 100
253 121.7 25.4 38.0#
125 1741.9 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 2.068 ng/ul
RT: 23.458 min Scan# 4857
Delta R.T. 0.126 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Tgt Ion:252 Resp: 12142
Ion Ratio Lower Upper
252 100
253 109.0 31.6 47.4#
125 1504.3 19.5 29.3#

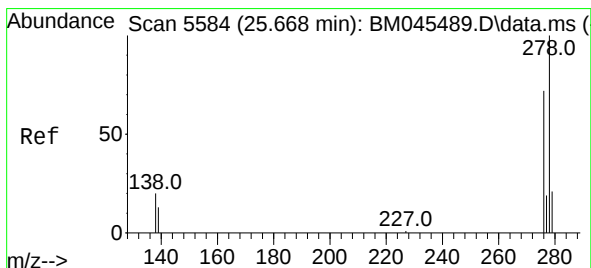
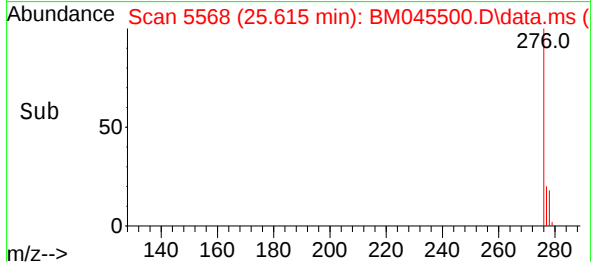
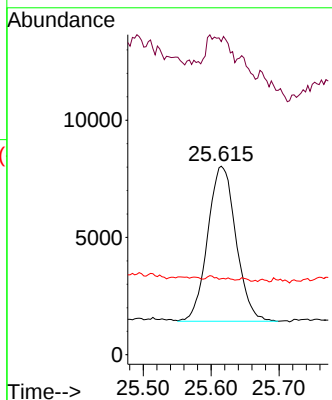
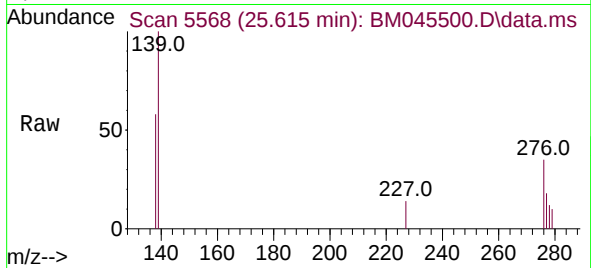




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.244 ng/ul
RT: 25.615 min Scan# 5568
Delta R.T. -0.017 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

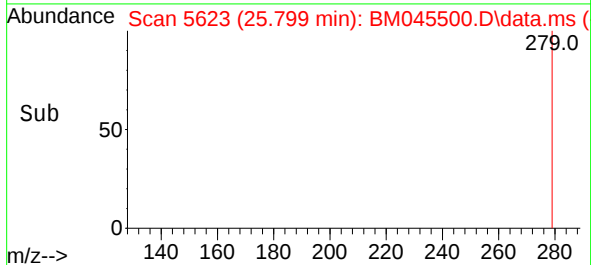
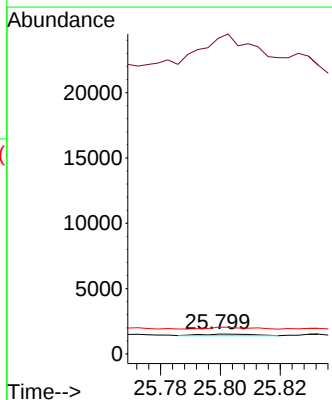
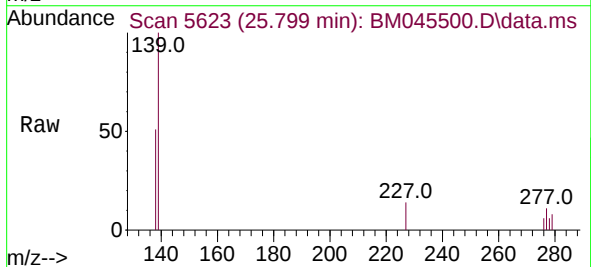
Instrument :
BNA_M
ClientSampleId :
E1CX8

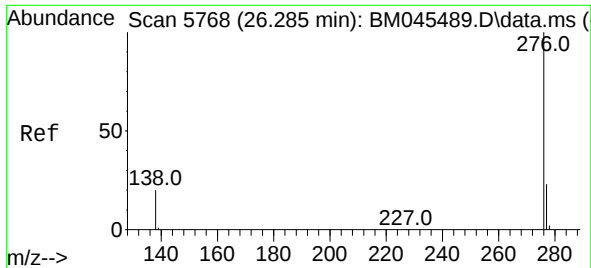
Tgt Ion:276 Resp: 19151
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.6
227 1.0 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.799 min Scan# 5623
Delta R.T. 0.131 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Tgt Ion:278 Resp: 140
Ion Ratio Lower Upper
278 100
139 1587.4 19.0 28.6#
279 134.2 29.4 44.2#





#29

Benzo(g,h,i)perylene

Concen: 2.403 ng/ul

RT: 26.292 min Scan# 51

Delta R.T. 0.007 min

Lab File: BM045500.D

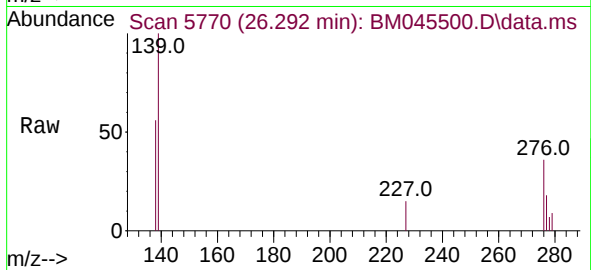
Acq: 23 Apr 2024 03:53

Instrument :

BNA_M

ClientSampleId :

E1CX8



Tgt Ion:276 Resp: 18425

Ion Ratio Lower Upper

276 100

138 154.6 20.8 31.2#

277 50.5 21.8 32.8#

