

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045447.D
 Acq On : 21 Apr 2024 05:32
 Operator : MA/JU
 Sample : PB160293BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 22 01:28:09 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 : Sun Apr 21 05:11:22 2024
 Response via : Initial Calibration

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

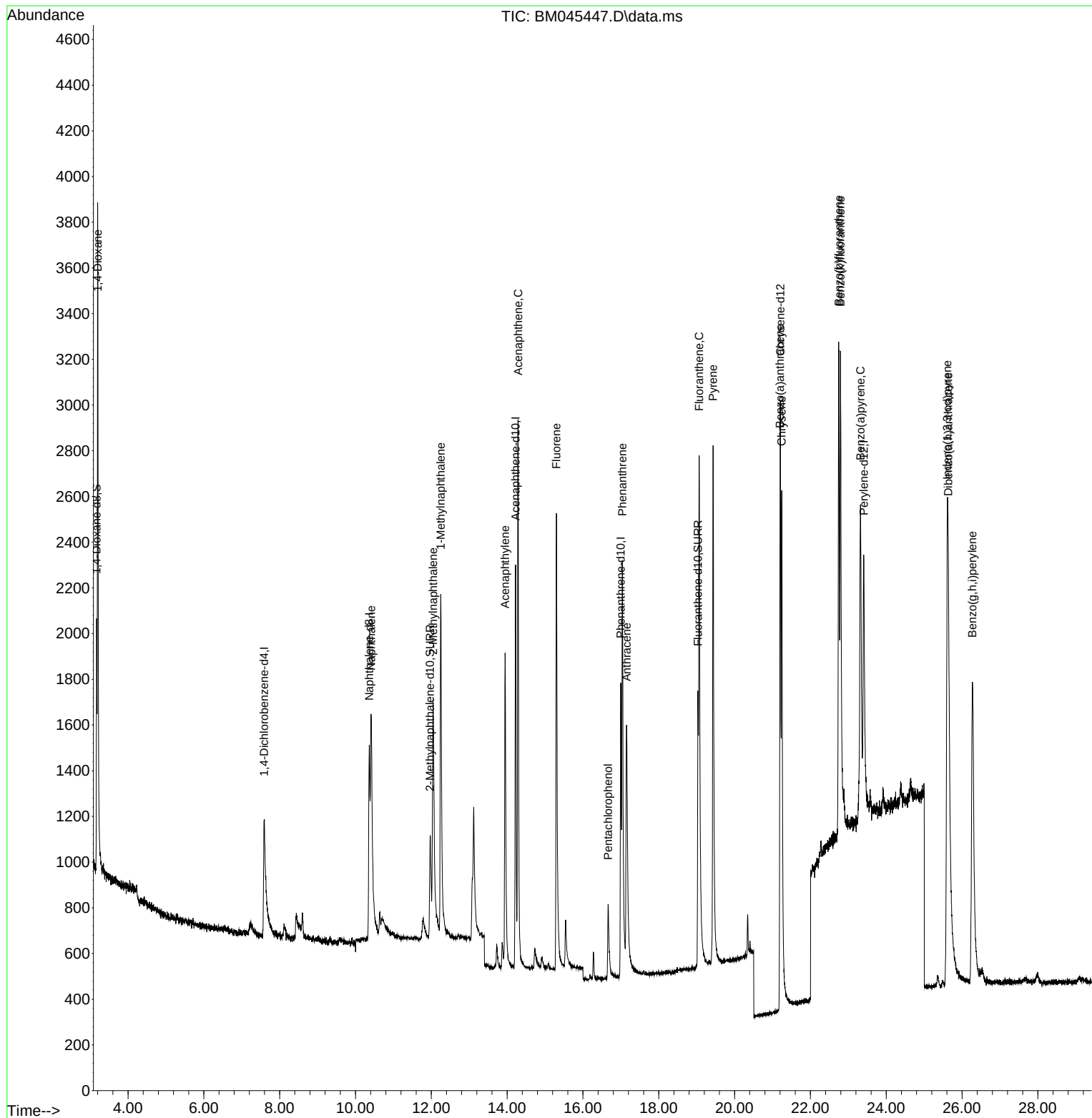
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.363	136	2351	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	1245	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.997	188	2328	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	1427	0.400	ng/ul	0.00
23) Perylene-d12	23.408	264	1957	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	797	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.969	152	1174	0.379	ng/ul	-0.01
18) Fluoranthene-d10	19.033	212	1939	0.432	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.201	88	2102	2.165	ng/ul#	81
5) Naphthalene	10.413	128	2358	0.373	ng/ul	99
7) 2-Methylnaphthalene	12.046	142	1414	0.392	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	1479	0.366	ng/ul	99
10) Acenaphthylene	13.946	152	2368	0.386	ng/ul	97
11) Acenaphthene	14.288	153	1775	0.389	ng/ul	97
12) Fluorene	15.301	166	1868	0.383	ng/ul	97
14) Pentachlorophenol	16.663	266	390	0.840	ng/ul	94
15) Phenanthrene	17.039	178	2682	0.396	ng/ul	99
16) Anthracene	17.153	178	2475	0.390	ng/ul	98
19) Fluoranthene	19.066	202	2907	0.441	ng/ul	99
20) Pyrene	19.433	202	3031	0.448	ng/ul	98
21) Benzo(a)anthracene	21.199	228	2184	0.479	ng/ul	97
22) Chrysene	21.243	228	3129	0.446	ng/ul	98
24) Benzo(b)fluoranthene	22.751	252	3019	0.459	ng/ul	100
25) Benzo(k)fluoranthene	22.794	252	3716	0.447	ng/ul	100
26) Benzo(a)pyrene	23.321	252	3134	0.459	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.608	276	4621	0.466	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.635	278	3635	0.462	ng/ul	97
29) Benzo(g,h,i)perylene	26.272	276	4026	0.452	ng/ul	98

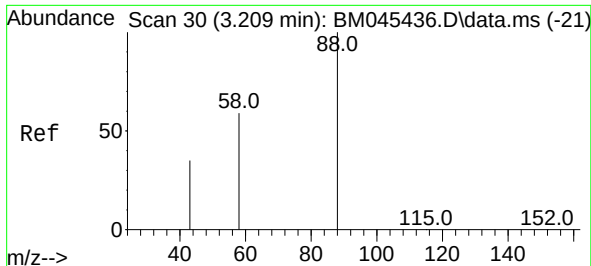
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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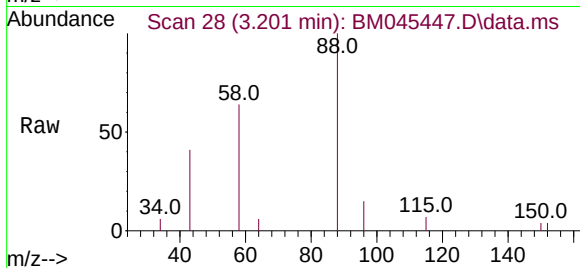
Quant Time: Apr 22 01:28:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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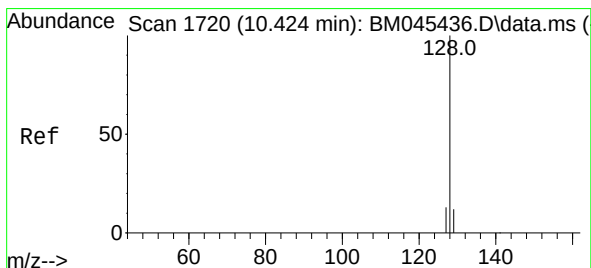
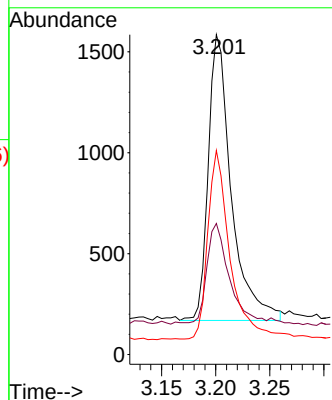
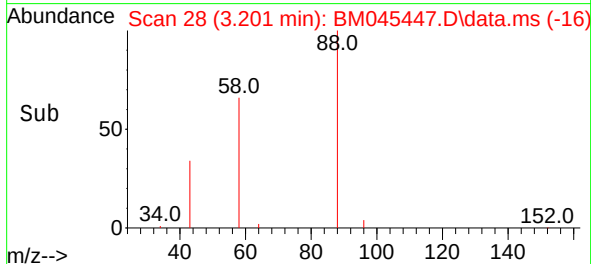


#2
1,4-Dioxane
Concen: 2.165 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

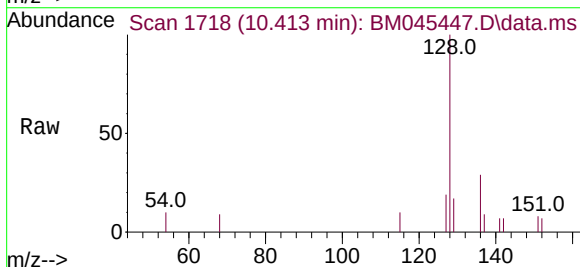
Instrument :
BNA_M
ClientSampleId :



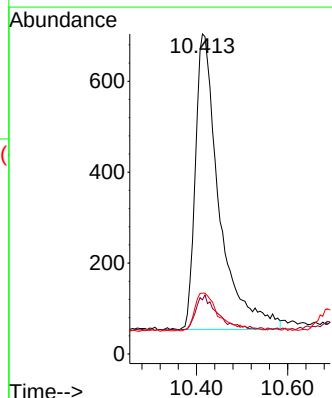
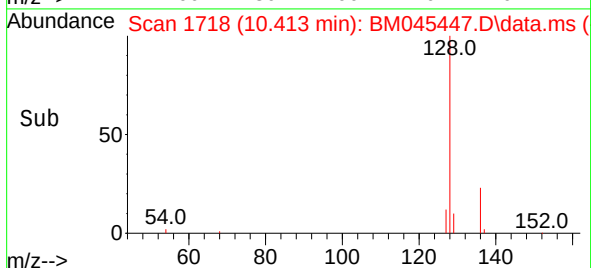
Tgt Ion: 88 Resp: 2102
Ion Ratio Lower Upper
88 100
43 41.0 36.8 55.2
58 63.8 35.4 53.2#

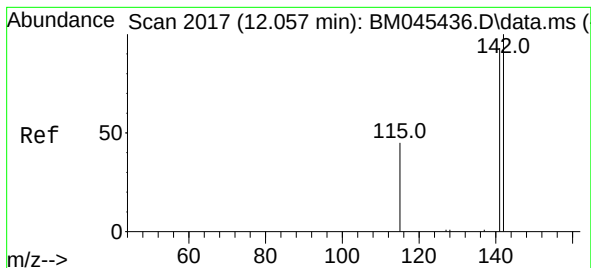


#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.413 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32



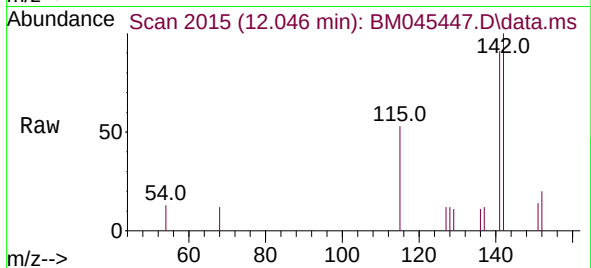
Tgt Ion: 128 Resp: 2358
Ion Ratio Lower Upper
128 100
129 16.9 14.0 21.0
127 19.0 15.4 23.2



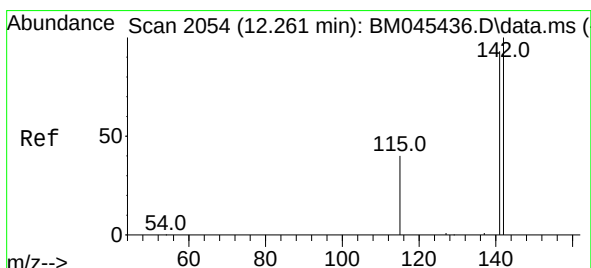
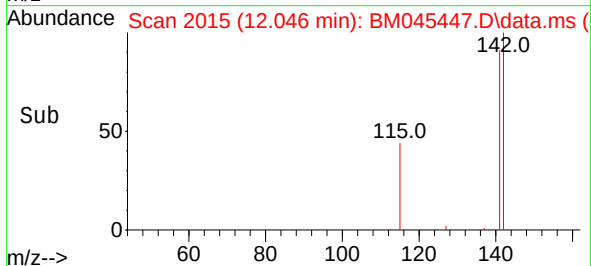
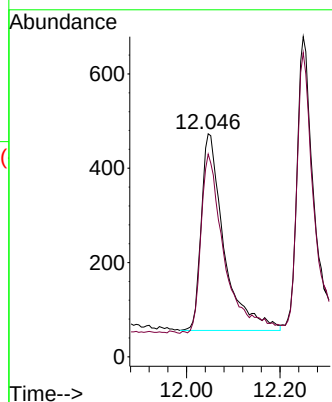


#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.046 min Scan# 2015
Delta R.T. -0.016 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Instrument :
BNA_M
ClientSampleId :

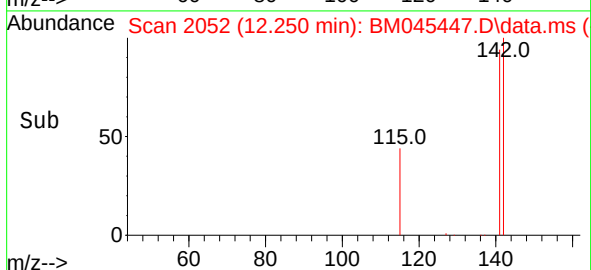
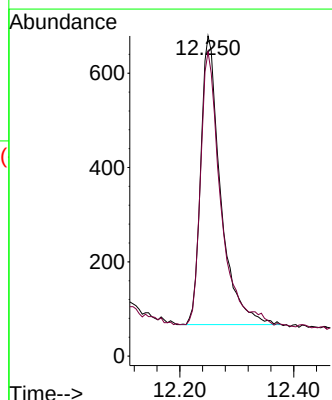
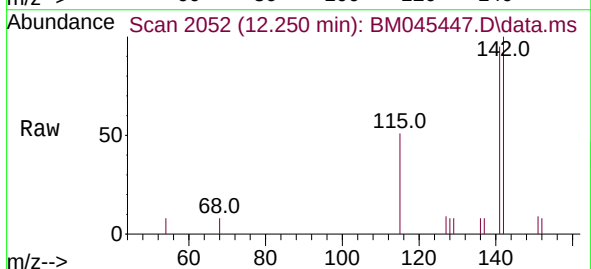


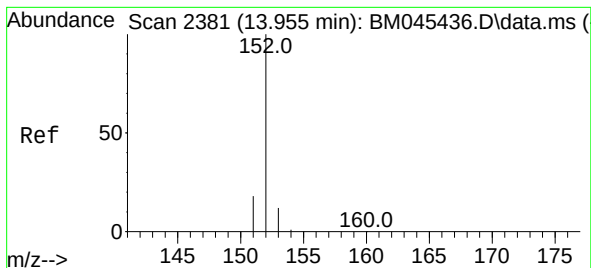
Tgt Ion:142 Resp: 1414
Ion Ratio Lower Upper
142 100
141 95.0 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Tgt Ion:142 Resp: 1479
Ion Ratio Lower Upper
142 100
141 95.9 76.1 114.1





#10

Acenaphthylene

Concen: 0.386 ng/ul

RT: 13.946 min Scan# 24

Delta R.T. -0.014 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

Instrument :

BNA_M

ClientSampleId :

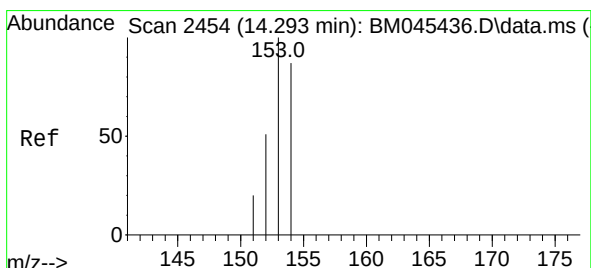
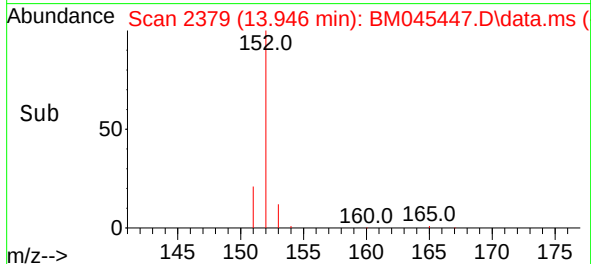
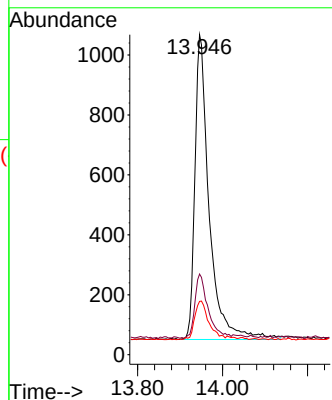
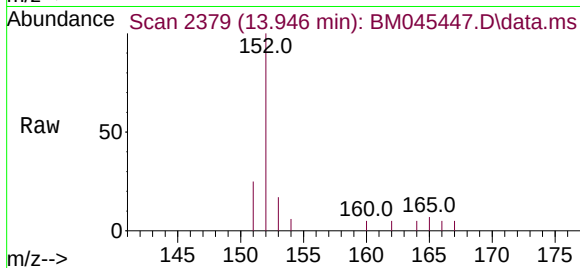
Tgt Ion:152 Resp: 2368

Ion Ratio Lower Upper

152 100

151 25.2 18.6 28.0

153 16.7 14.1 21.1



#11

Acenaphthene

Concen: 0.389 ng/ul

RT: 14.288 min Scan# 2453

Delta R.T. -0.005 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

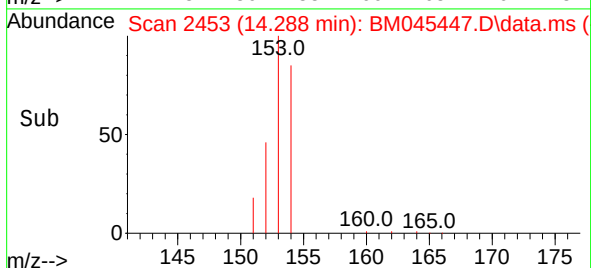
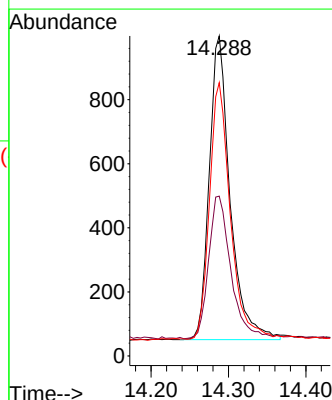
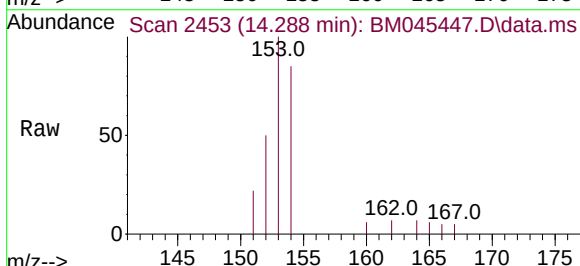
Tgt Ion:153 Resp: 1775

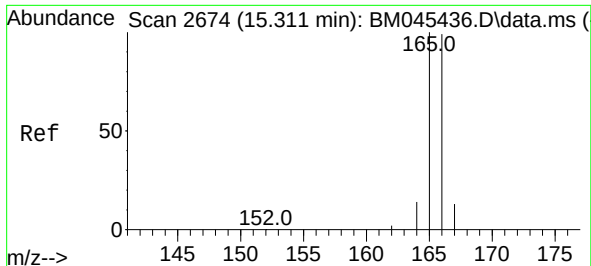
Ion Ratio Lower Upper

153 100

152 49.9 43.4 65.2

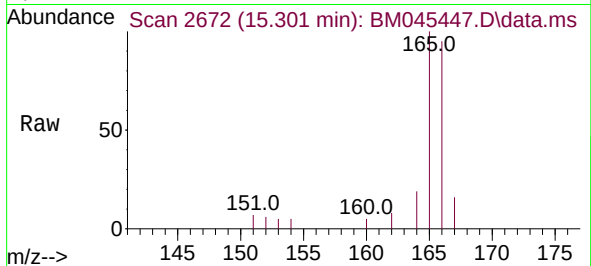
154 85.4 69.0 103.6





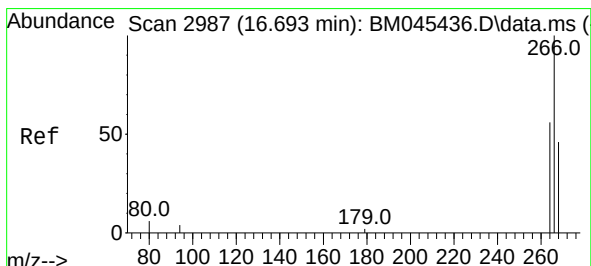
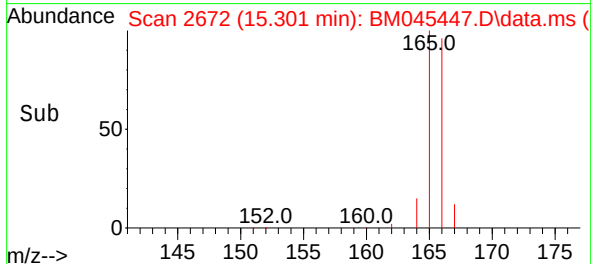
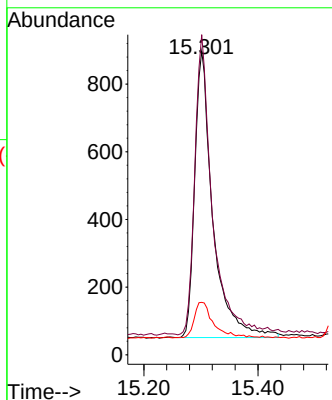
#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.301 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:166 Resp: 1868

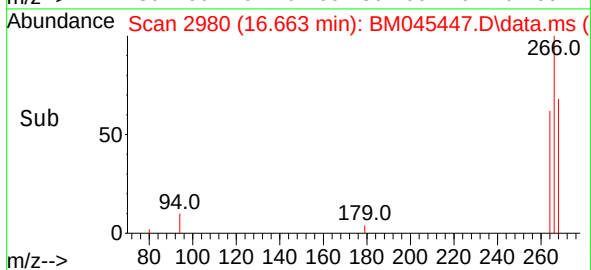
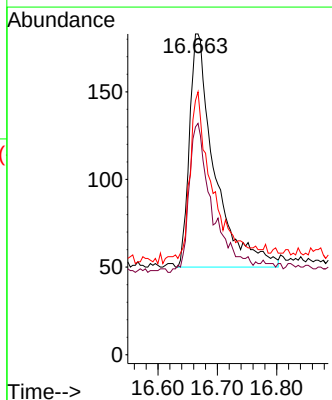
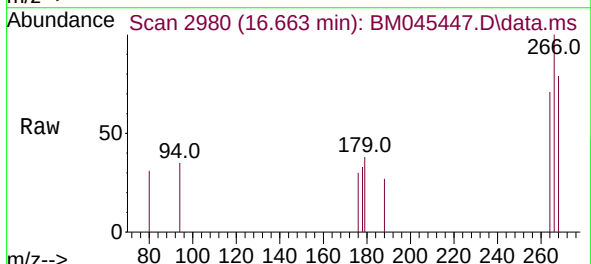
Ion	Ratio	Lower	Upper
166	100		
165	105.3	82.2	123.2
167	17.3	14.8	22.2

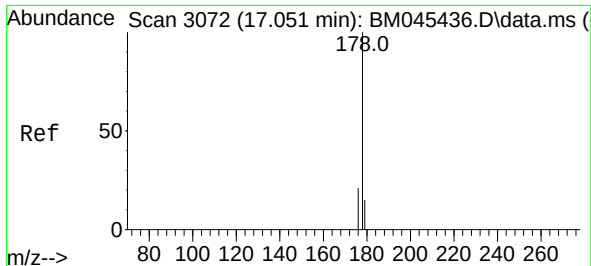


#14
Pentachlorophenol
Concen: 0.840 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.021 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Tgt Ion:266 Resp: 390

Ion	Ratio	Lower	Upper
266	100		
264	63.6	45.5	68.3
268	72.3	56.1	84.1





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.039 min Scan# 3069

Delta R.T. -0.013 min

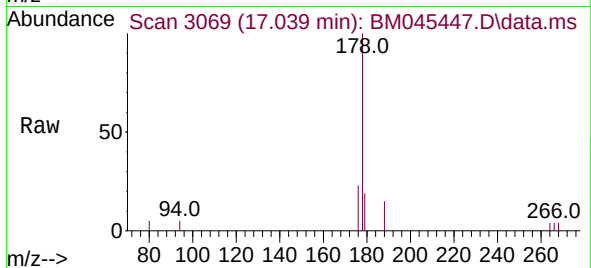
Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

Instrument :

BNA_M

ClientSampleId :



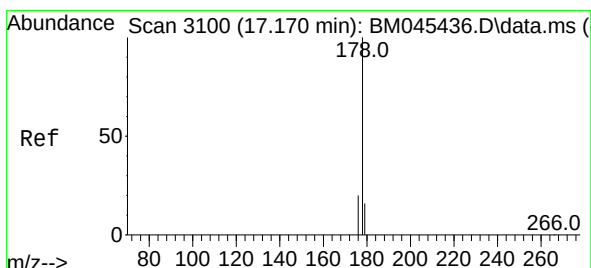
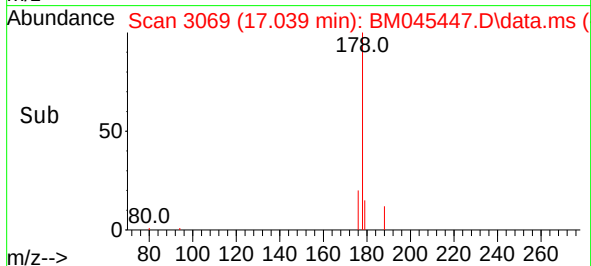
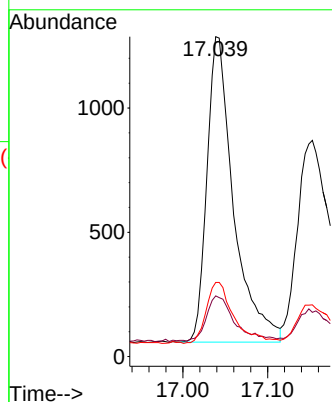
Tgt Ion:178 Resp: 2682

Ion Ratio Lower Upper

178 100

179 19.0 15.4 23.2

176 23.2 19.0 28.4



#16

Anthracene

Concen: 0.390 ng/ul

RT: 17.153 min Scan# 3096

Delta R.T. -0.008 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

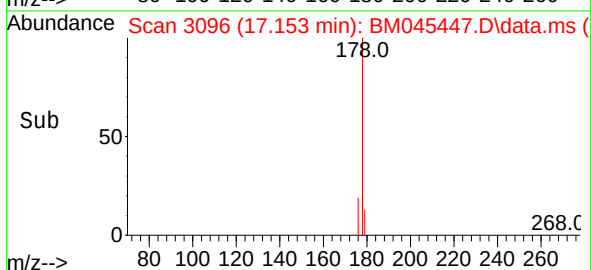
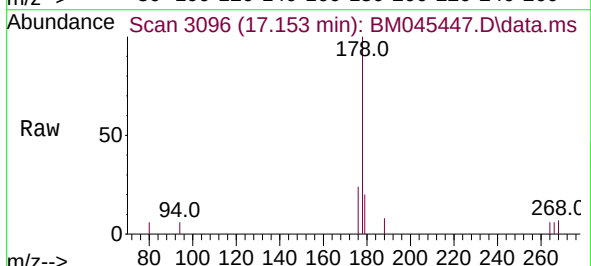
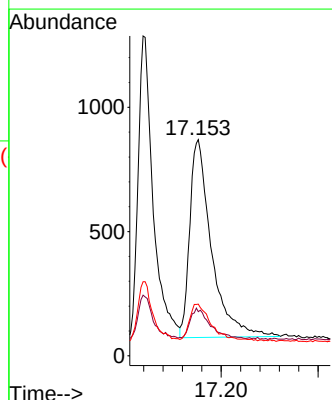
Tgt Ion:178 Resp: 2475

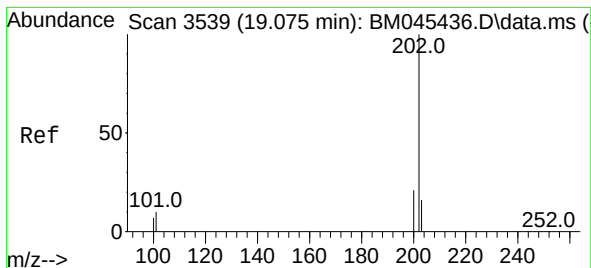
Ion Ratio Lower Upper

178 100

179 20.5 17.8 26.6

176 23.9 18.7 28.1





#19

Fluoranthene

Concen: 0.441 ng/ul

RT: 19.066 min Scan# 3537

Delta R.T. -0.009 min

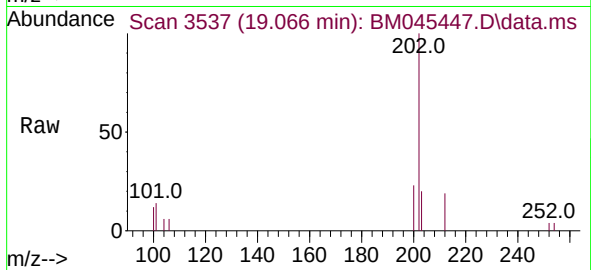
Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

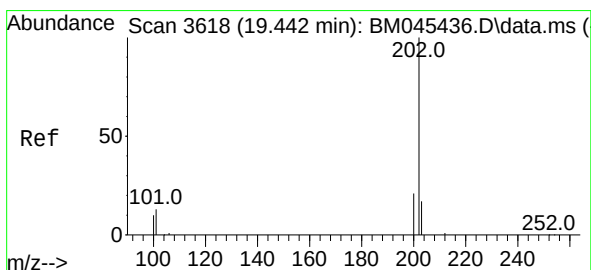
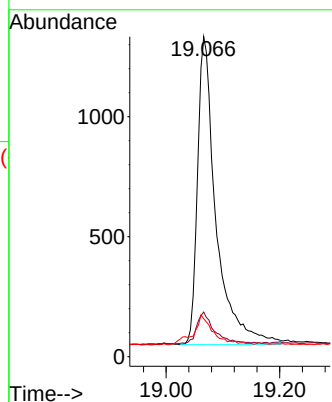
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	2907
Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
100	11.9	9.1	13.7



#20

Pyrene

Concen: 0.448 ng/ul

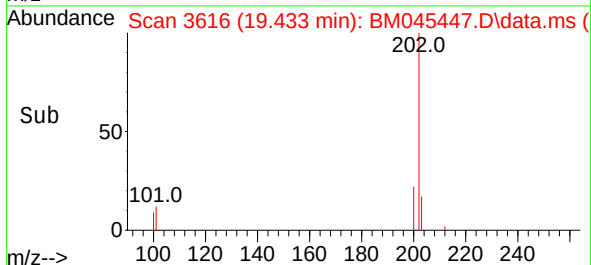
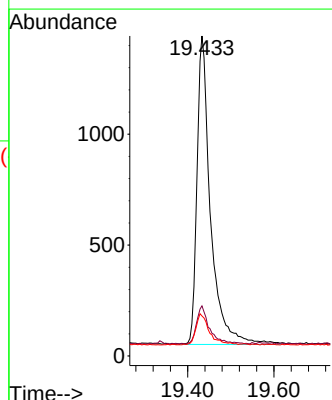
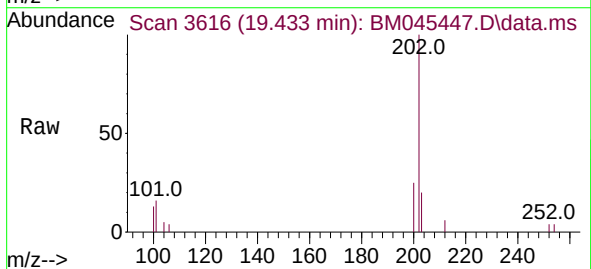
RT: 19.433 min Scan# 3616

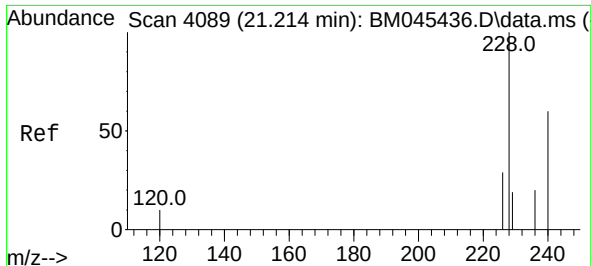
Delta R.T. -0.009 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

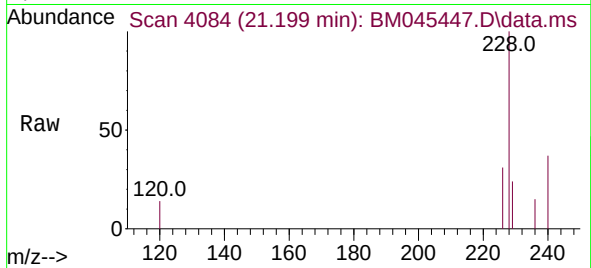
Tgt Ion:	202	Resp:	3031
Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.5	17.3
100	12.5	10.6	15.8



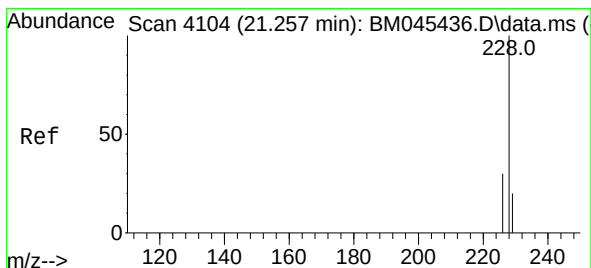
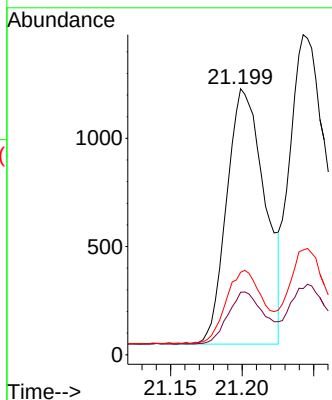


#21
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.199 min Scan# 4084
Delta R.T. -0.009 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Instrument :
BNA_M
ClientSampleId :

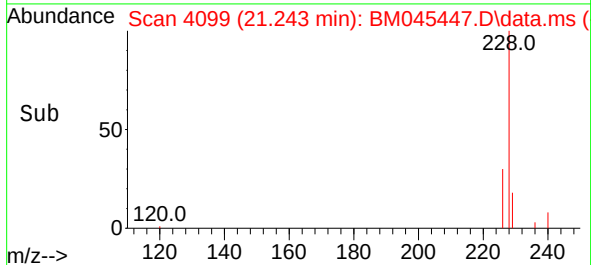
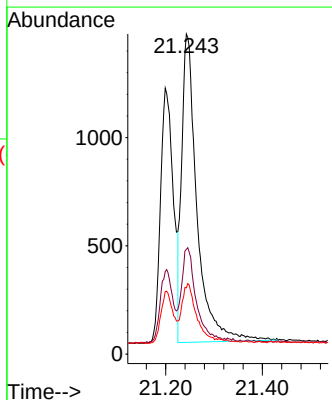
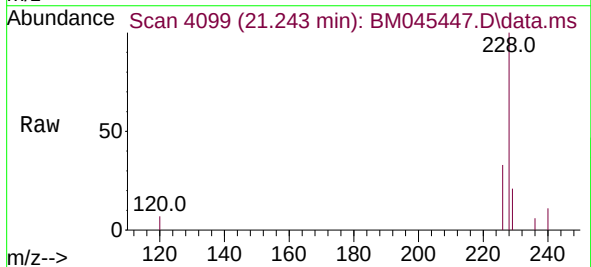


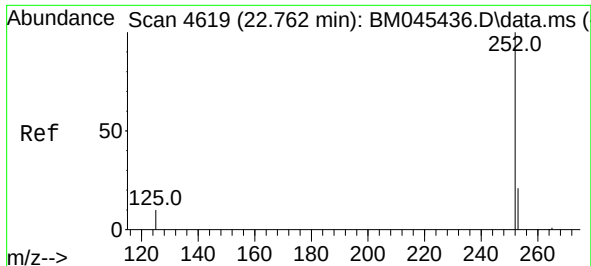
Tgt Ion:228 Resp: 2184
Ion Ratio Lower Upper
228 100
229 23.5 19.4 29.2
226 31.0 26.3 39.5



#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.243 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

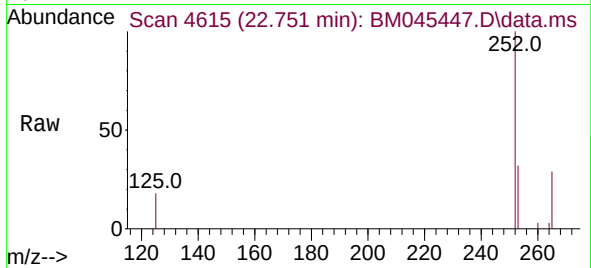
Tgt Ion:228 Resp: 3129
Ion Ratio Lower Upper
228 100
226 32.7 26.3 39.5
229 20.7 17.8 26.8



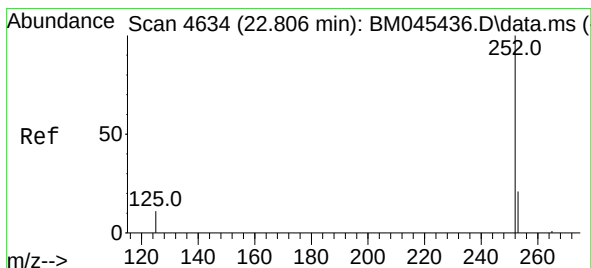
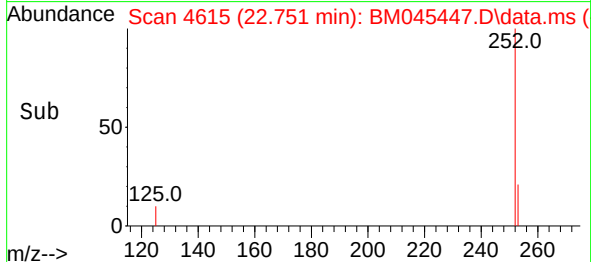
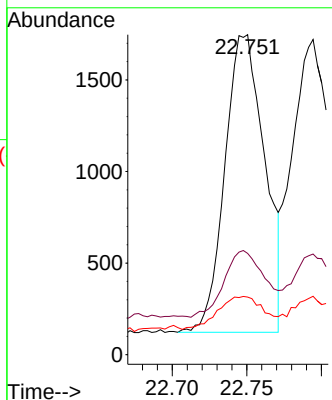


#24
Benzo(b)fluoranthene
Concen: 0.459 ng/ul
RT: 22.751 min Scan# 4615
Delta R.T. -0.009 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Instrument :
BNA_M
ClientSampleId :

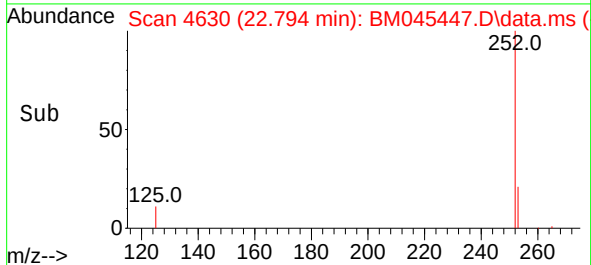
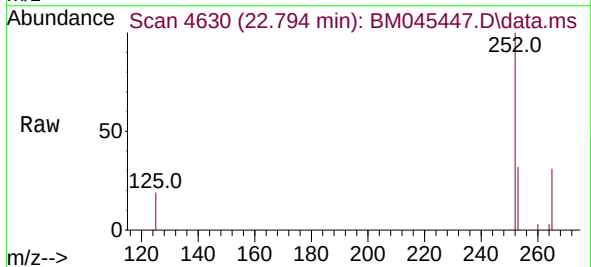
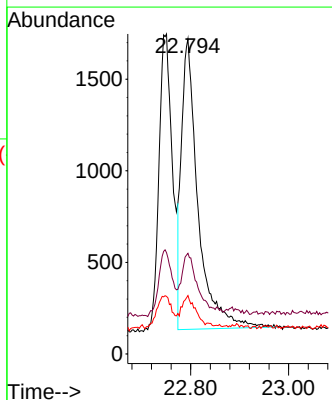


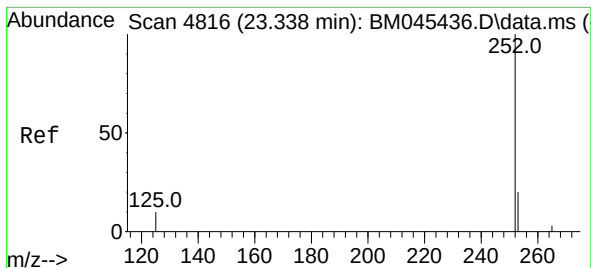
Tgt Ion:252 Resp: 3019
Ion Ratio Lower Upper
252 100
253 31.7 0.0 63.4
125 18.0 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.447 ng/ul
RT: 22.794 min Scan# 4630
Delta R.T. -0.009 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Tgt Ion:252 Resp: 3716
Ion Ratio Lower Upper
252 100
253 32.0 25.4 38.0
125 18.5 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.459 ng/ul

RT: 23.321 min Scan# 4816

Delta R.T. -0.009 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

Instrument :

BNA_M

ClientSampleId :

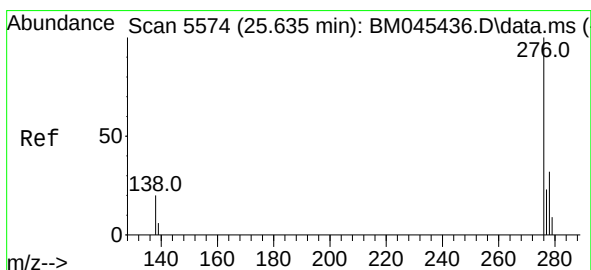
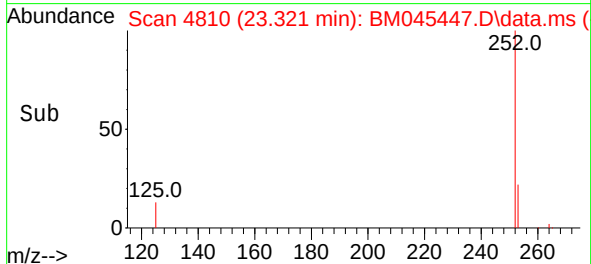
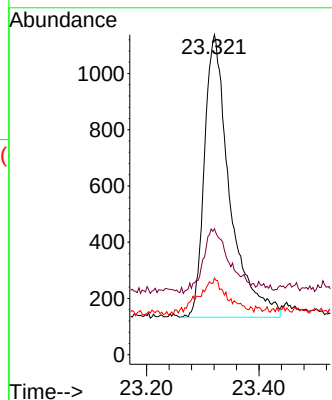
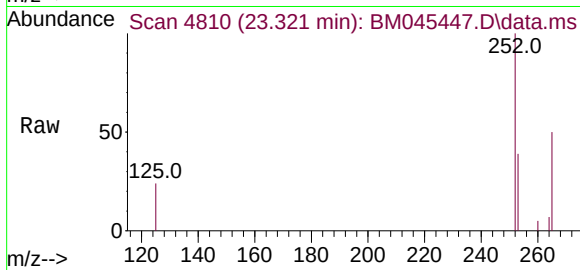
Tgt Ion:252 Resp: 3134

Ion Ratio Lower Upper

252 100

253 39.4 31.6 47.4

125 24.0 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.466 ng/ul

RT: 25.608 min Scan# 5566

Delta R.T. -0.020 min

Lab File: BM045447.D

Acq: 21 Apr 2024 05:32

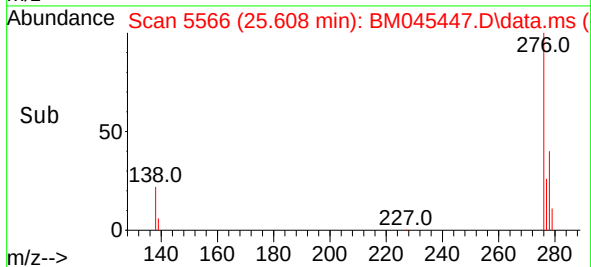
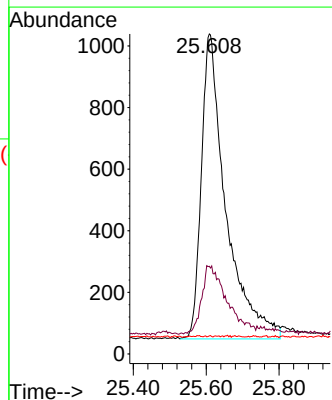
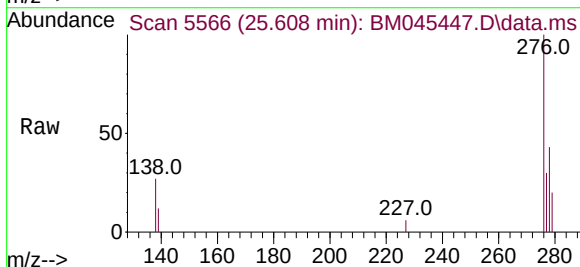
Tgt Ion:276 Resp: 4621

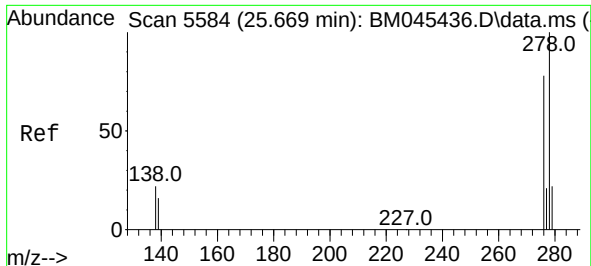
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

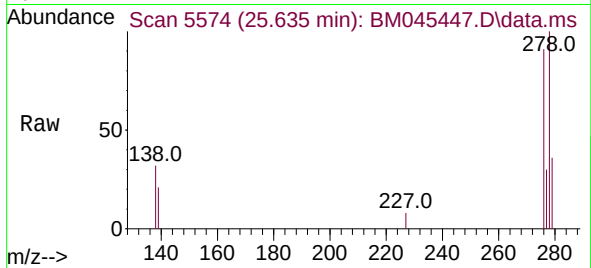
227 0.1 0.2 0.2#



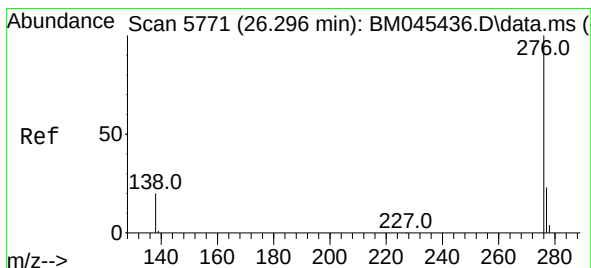
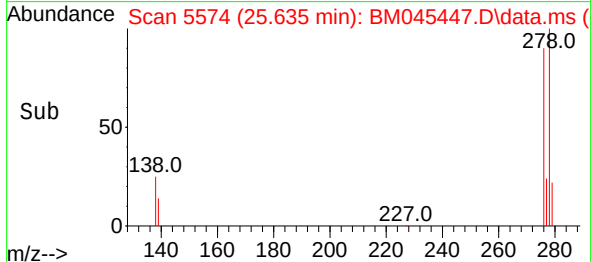
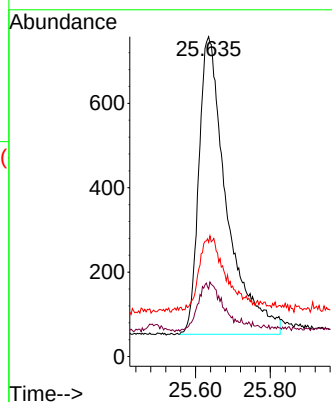


#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 25.635 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 3635
Ion Ratio Lower Upper
278 100
139 21.1 19.0 28.6
279 35.8 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.020 min
Lab File: BM045447.D
Acq: 21 Apr 2024 05:32

Tgt Ion:276 Resp: 4026
Ion Ratio Lower Upper
276 100
138 26.6 20.8 31.2
277 28.3 21.8 32.8

