

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045627.D
 Acq On : 29 Apr 2024 20:11
 Operator : MA/JU
 Sample : P2105-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7MSD

Quant Time: Apr 30 01:18:33 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 30 01:16:44 2024
 Response via : Initial Calibration

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

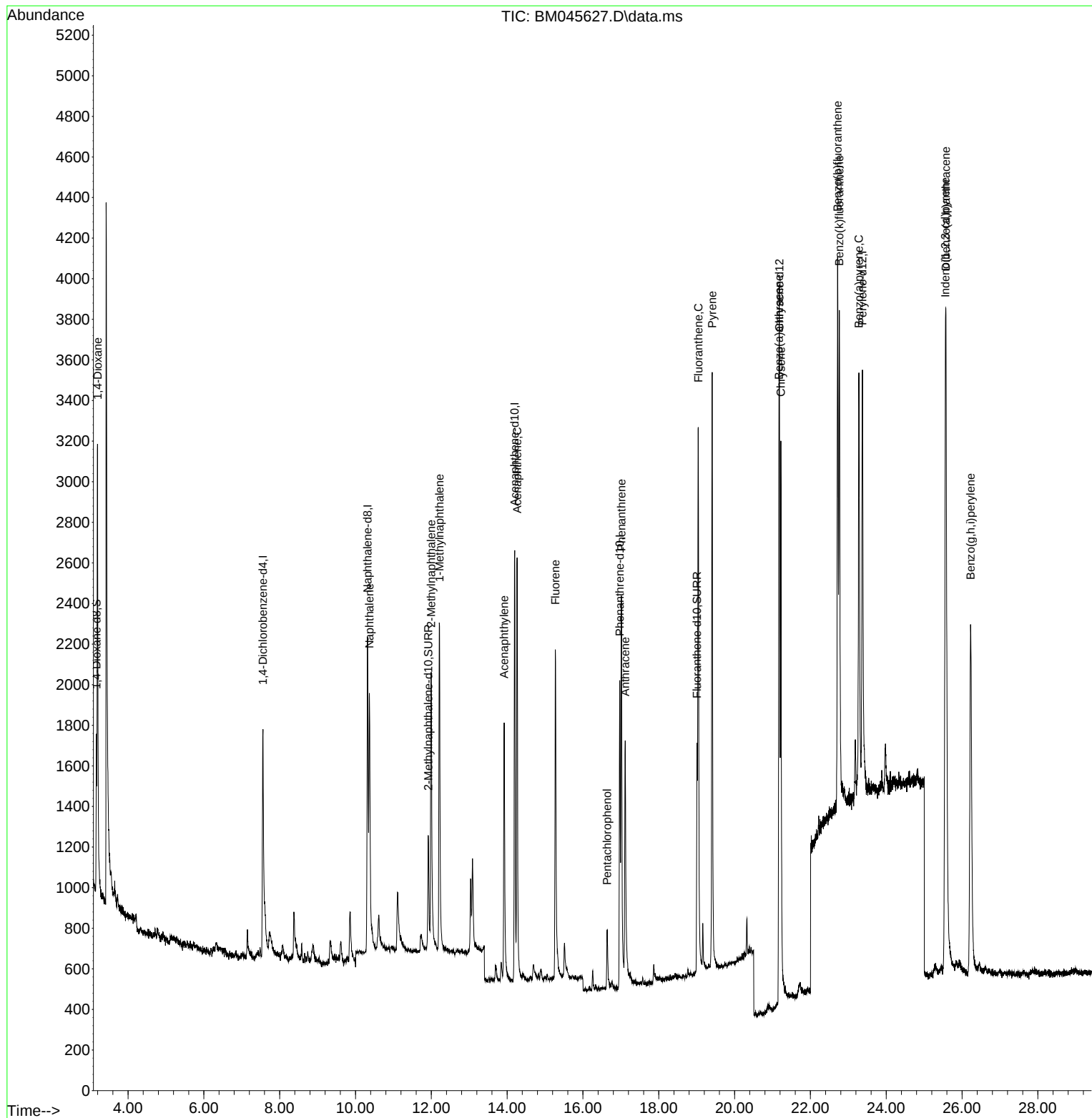
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	1047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	2912	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.200	164	1362	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	2413	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2104	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	3077	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	504	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1012	0.264	ng/ul	-0.02
18) Fluoranthene-d10	19.010	212	1620	0.245	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	1616	1.197	ng/ul#	89
5) Naphthalene	10.369	128	2267	0.290	ng/ul	97
7) 2-Methylnaphthalene	11.997	142	1367	0.306	ng/ul	100
8) 1-Methylnaphthalene	12.217	142	1372	0.274	ng/ul	97
10) Acenaphthylene	13.923	152	1980	0.295	ng/ul	98
11) Acenaphthene	14.265	153	1435	0.288	ng/ul	98
12) Fluorene	15.274	166	1451	0.272	ng/ul	98
14) Pentachlorophenol	16.642	266	280	0.582	ng/ul	94
15) Phenanthrene	17.013	178	2535	0.361	ng/ul	99
16) Anthracene	17.115	178	2082	0.317	ng/ul	98
19) Fluoranthene	19.043	202	2951	0.304	ng/ul	97
20) Pyrene	19.410	202	3107	0.311	ng/ul	96
21) Benzo(a)anthracene	21.170	228	2630	0.391	ng/ul	97
22) Chrysene	21.219	228	3137	0.303	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	3661	0.354	ng/ul	99
25) Benzo(k)fluoranthene	22.762	252	3773	0.289	ng/ul	97
26) Benzo(a)pyrene	23.280	252	3326	0.310	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.561	276	4862	0.312	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.575	278	3656	0.295	ng/ul	97
29) Benzo(g,h,i)perylene	26.225	276	4173	0.298	ng/ul	98

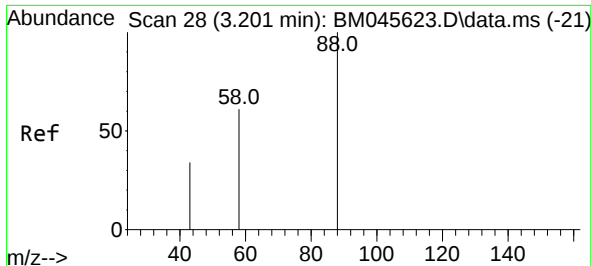
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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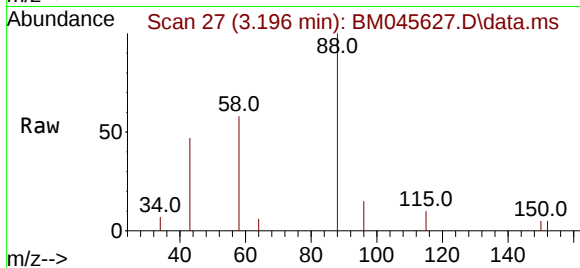
Quant Time: Apr 30 01:18:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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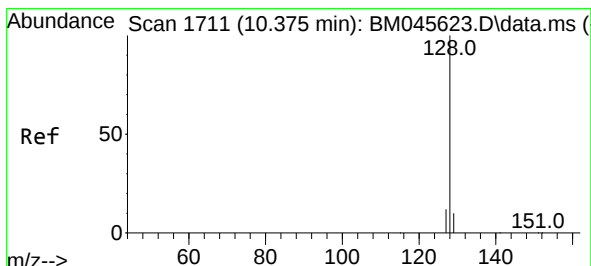
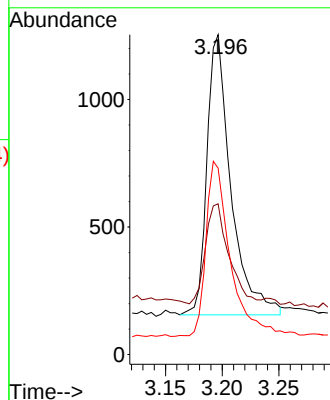
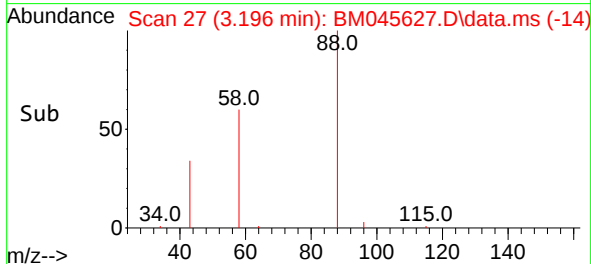


#2
1,4-Dioxane
Concen: 1.197 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

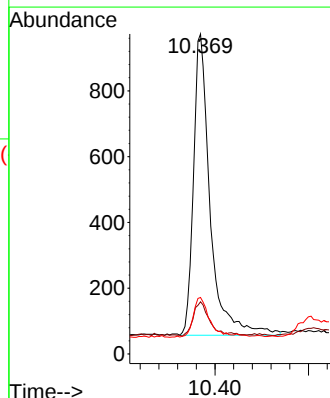
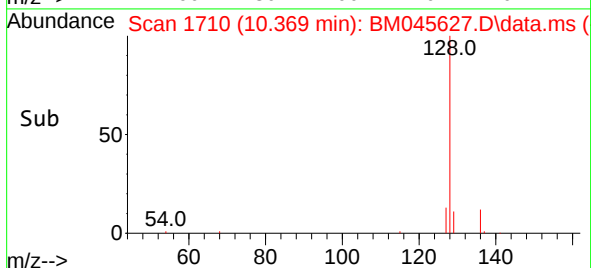
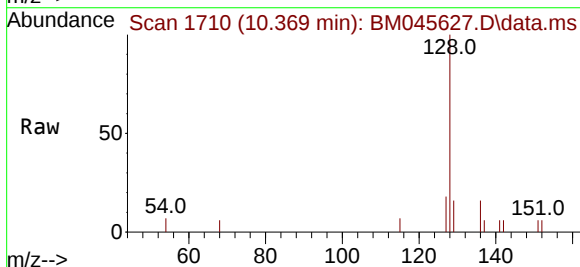


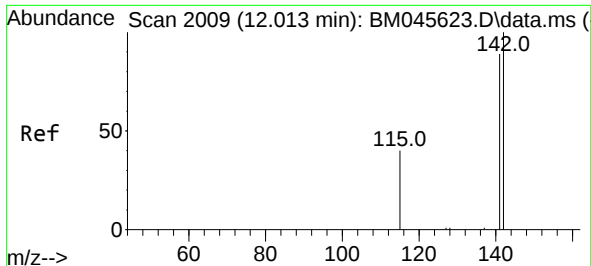
Tgt Ion: 88 Resp: 1616
Ion Ratio Lower Upper
88 100
43 47.1 36.8 55.2
58 58.3 35.4 53.2#



#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion: 128 Resp: 2267
Ion Ratio Lower Upper
128 100
129 16.3 14.0 21.0
127 17.7 15.4 23.2

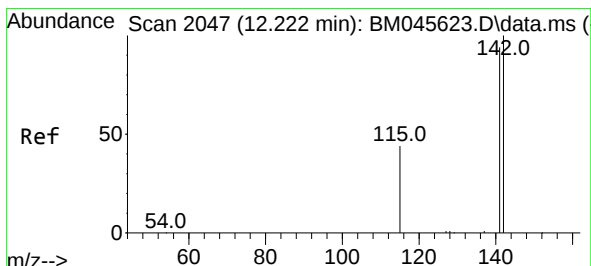
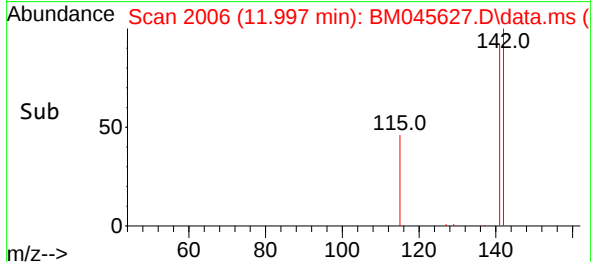
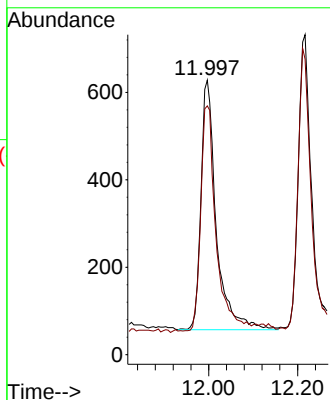
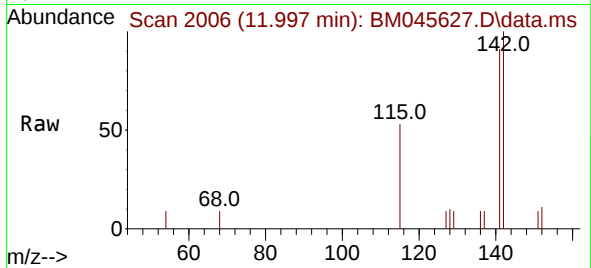




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

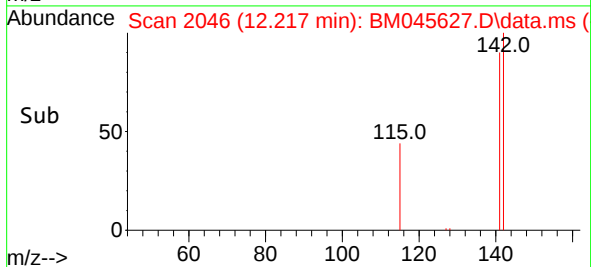
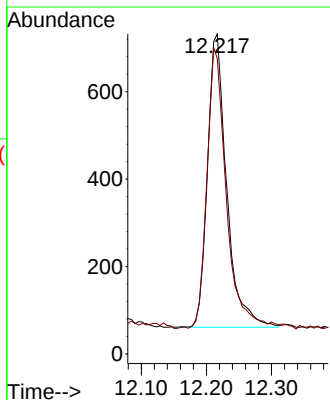
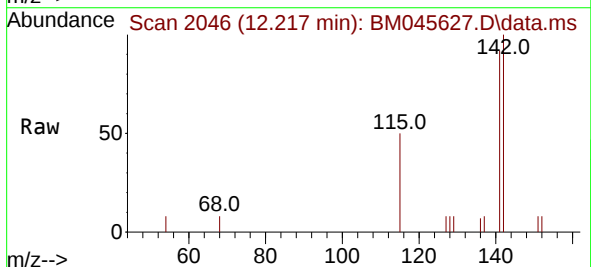
Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

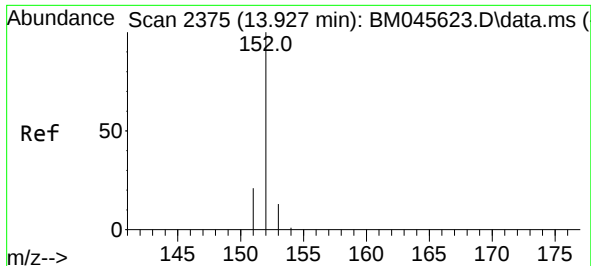
Tgt Ion:142 Resp: 1367
Ion Ratio Lower Upper
142 100
141 93.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

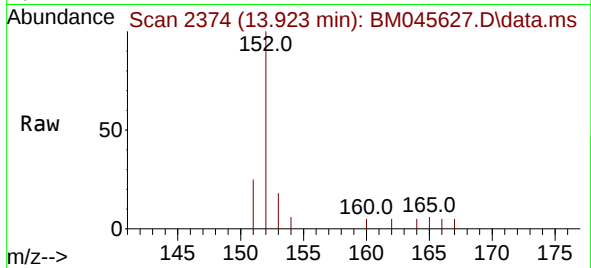
Tgt Ion:142 Resp: 1372
Ion Ratio Lower Upper
142 100
141 98.4 76.1 114.1



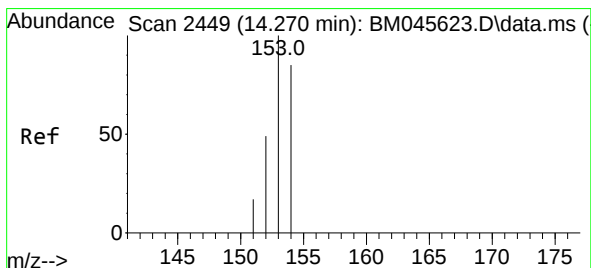
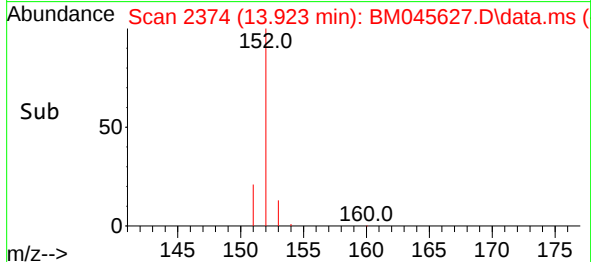
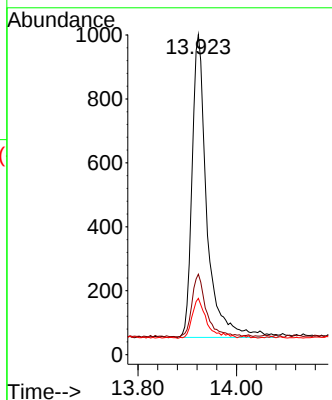


#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 13.923 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

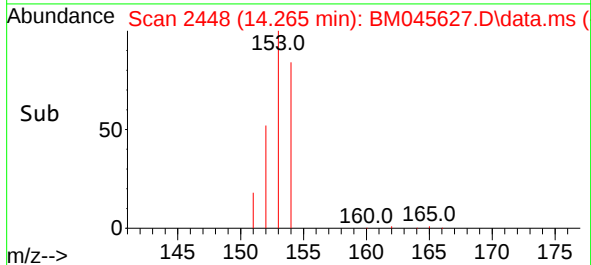
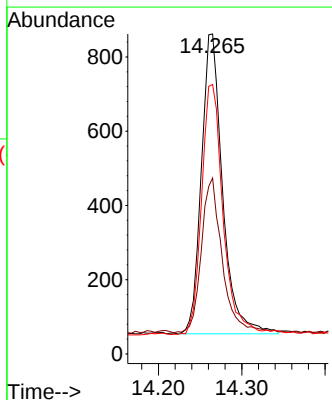
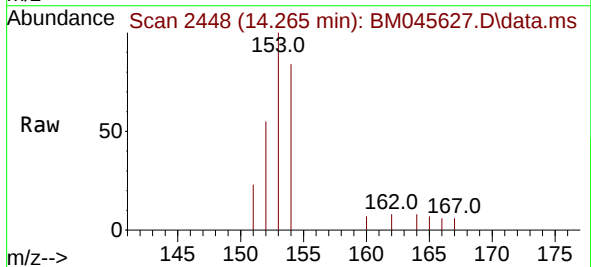


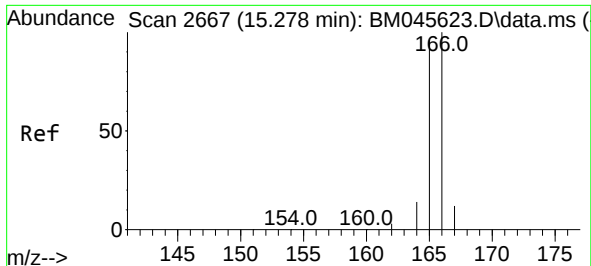
Tgt Ion:	152	Resp:	1980
Ion	Ratio	Lower	Upper
152	100		
151	25.2	18.6	28.0
153	17.6	14.1	21.1



#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion:	153	Resp:	1435
Ion	Ratio	Lower	Upper
153	100		
152	55.0	43.4	65.2
154	84.2	69.0	103.6

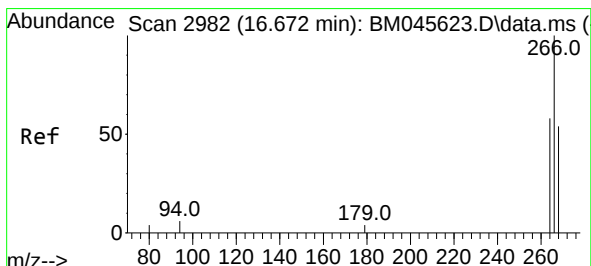
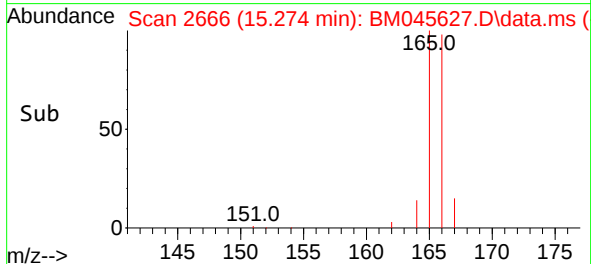
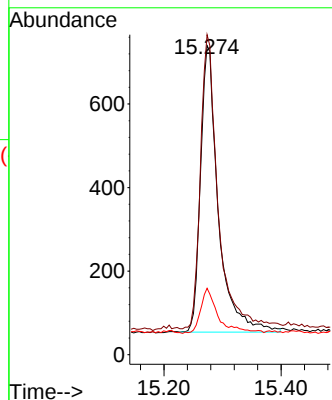
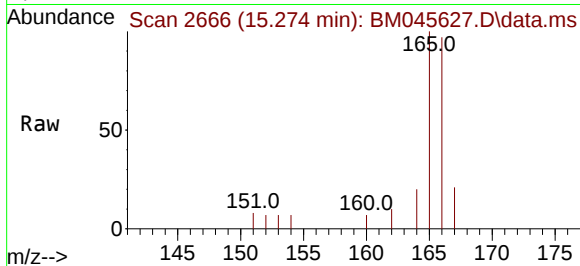




#12
 Fluorene
 Concen: 0.272 ng/ul
 RT: 15.274 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BM045627.D
 Acq: 29 Apr 2024 20:11

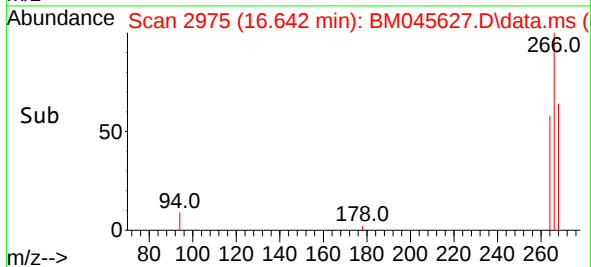
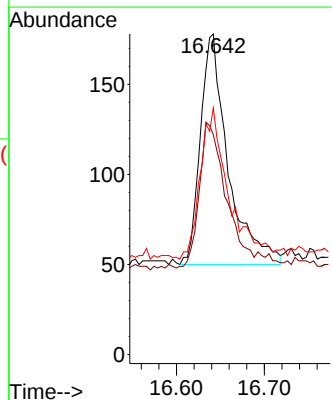
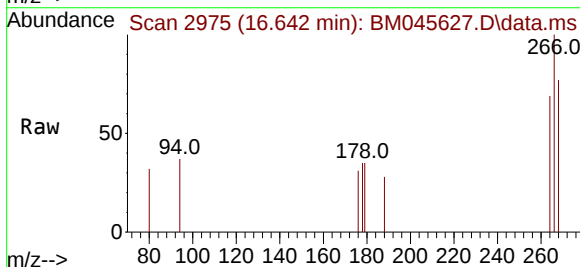
Instrument :
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 ClientSampleId :
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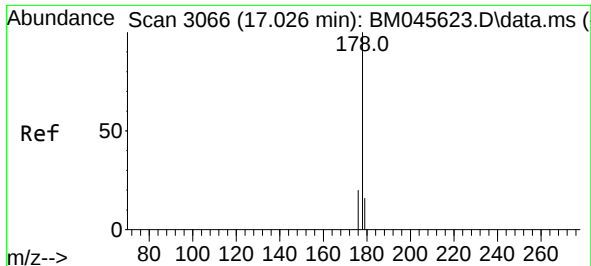
Tgt Ion:166	Resp:	1451
Ion	Ratio	Lower Upper
166	100	
165	103.5	82.2 123.2
167	21.5	14.8 22.2



#14
 Pentachlorophenol
 Concen: 0.582 ng/ul
 RT: 16.642 min Scan# 2975
 Delta R.T. -0.030 min
 Lab File: BM045627.D
 Acq: 29 Apr 2024 20:11

Tgt Ion:266	Resp:	280
Ion	Ratio	Lower Upper
266	100	
264	65.0	45.5 68.3
268	68.2	56.1 84.1

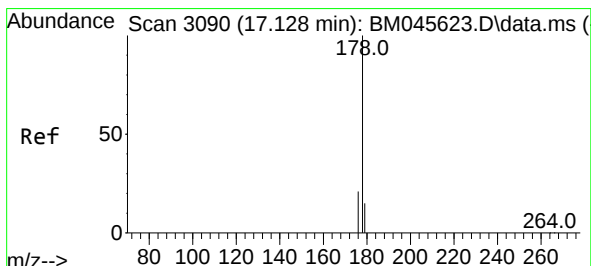
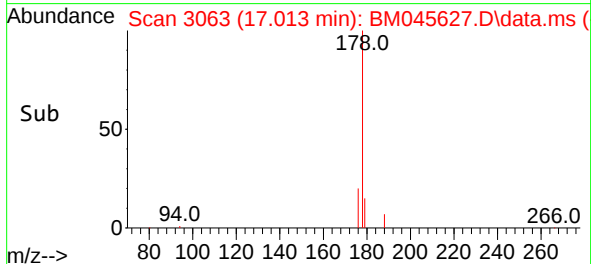
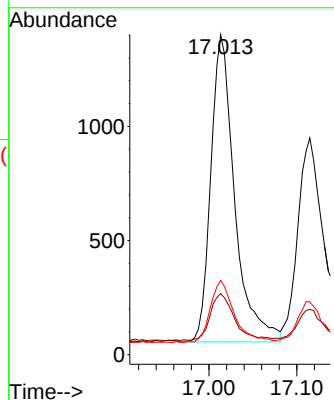
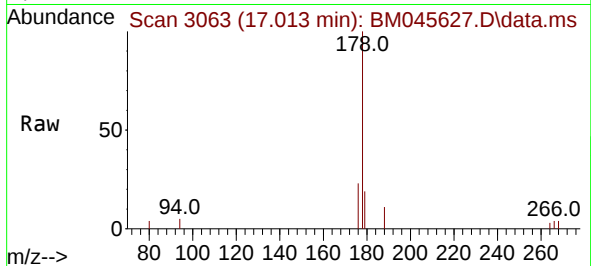




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.013 min Scan# 3063
Delta R.T. -0.013 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

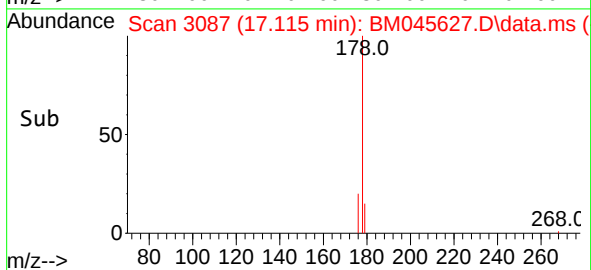
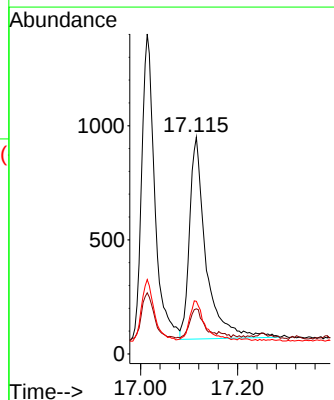
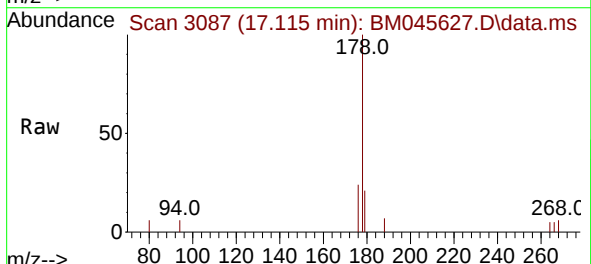
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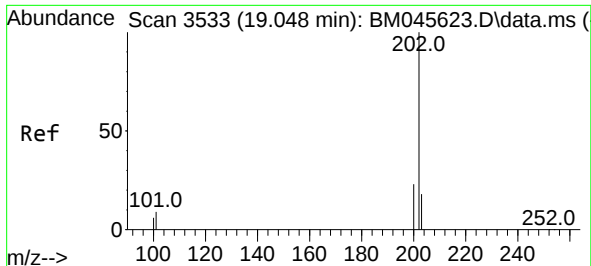
Tgt Ion:178 Resp: 2535
Ion Ratio Lower Upper
178 100
179 19.1 15.4 23.2
176 23.3 19.0 28.4



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.115 min Scan# 3087
Delta R.T. -0.013 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion:178 Resp: 2082
Ion Ratio Lower Upper
178 100
179 20.8 17.8 26.6
176 24.3 18.7 28.1

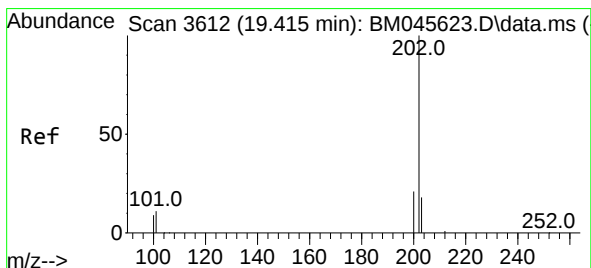
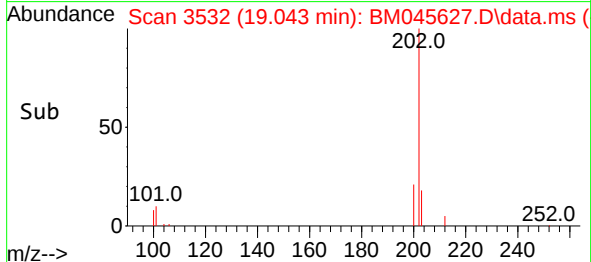
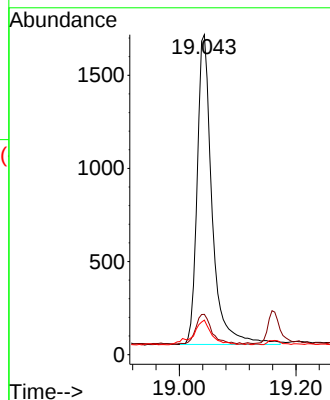
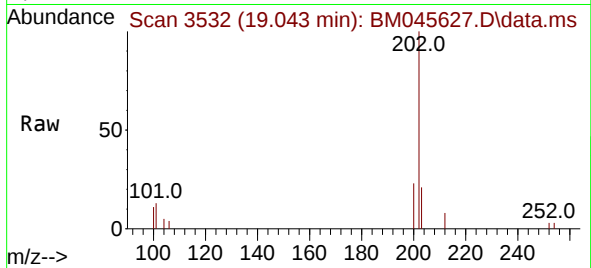




#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.043 min Scan# 310
Delta R.T. -0.005 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

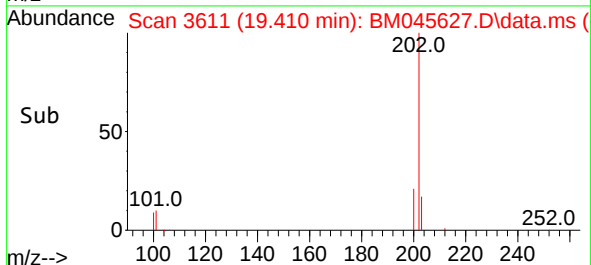
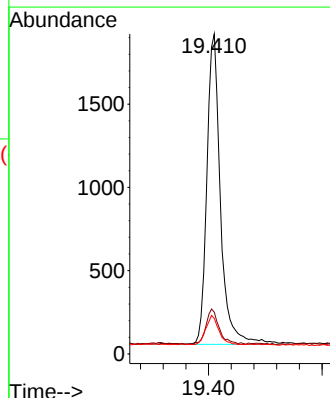
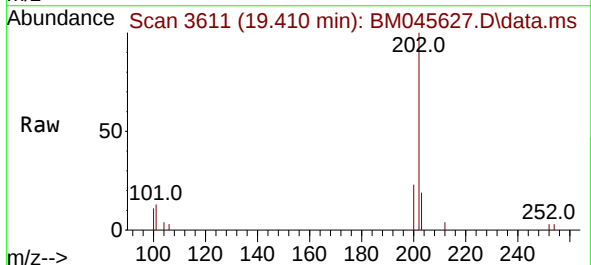
Instrument :
BNA_M
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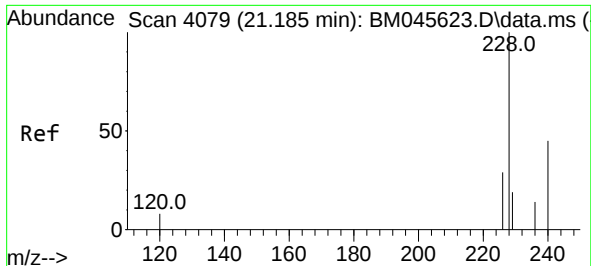
Tgt Ion:	202	Resp:	2951
Ion Ratio	Lower	Upper	
202	100		
101	12.6	11.2	16.8
100	10.8	9.1	13.7



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion:	202	Resp:	3107
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.5	17.3
100	11.1	10.6	15.8

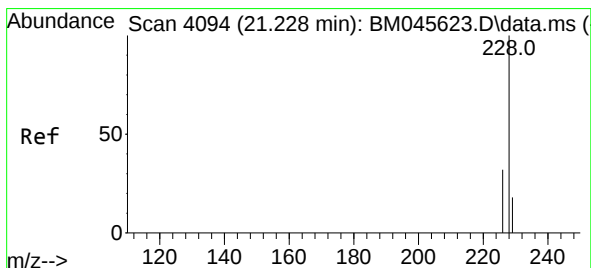
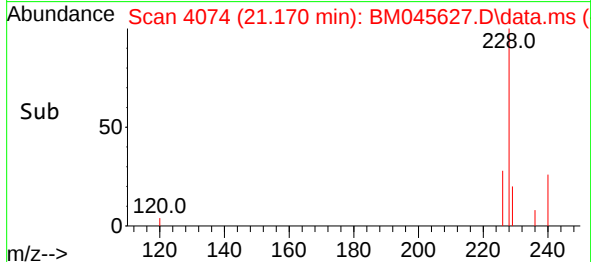
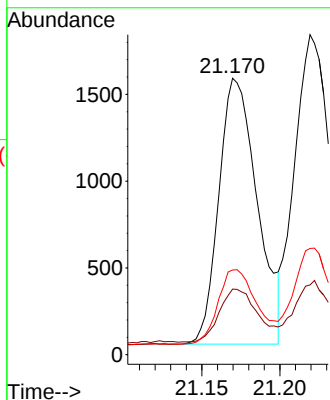
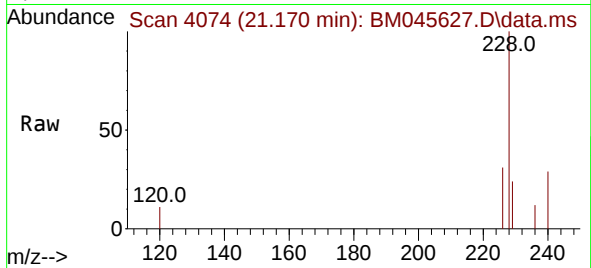




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.170 min Scan# 4079
Delta R.T. -0.015 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

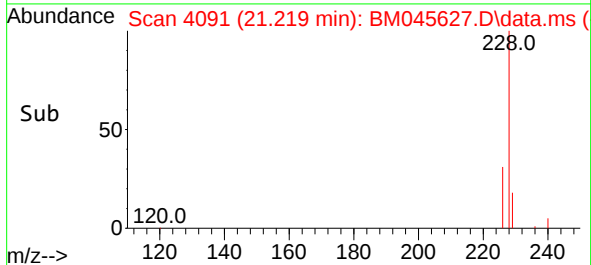
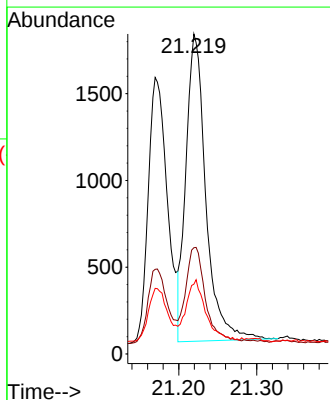
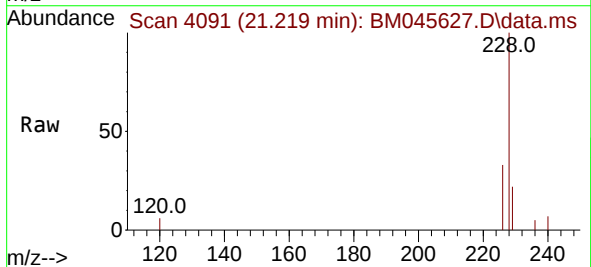
Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

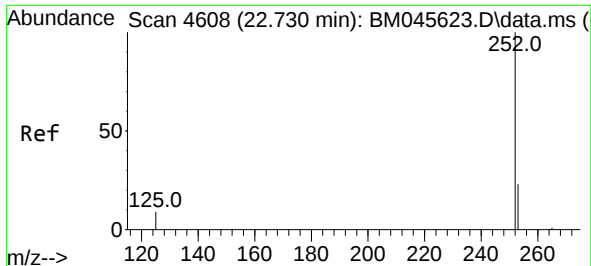
Tgt Ion:	228	Resp:	2630
Ion Ratio	Lower	Upper	
228	100		
229	23.7	19.4	29.2
226	30.6	26.3	39.5



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

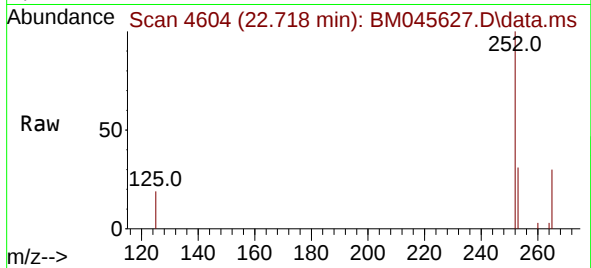
Tgt Ion:	228	Resp:	3137
Ion Ratio	Lower	Upper	
228	100		
226	33.2	26.3	39.5
229	21.8	17.8	26.8



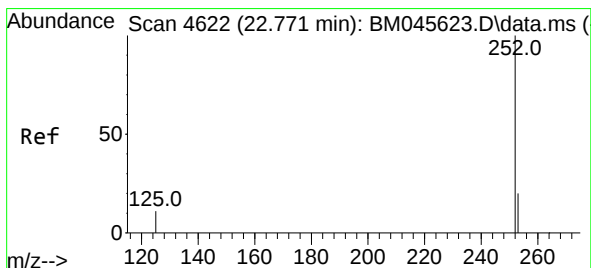
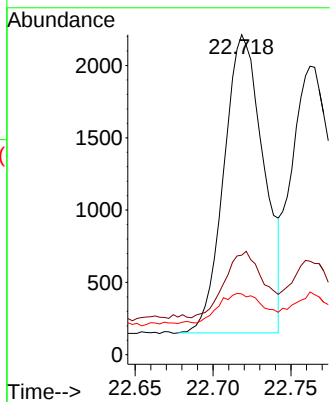
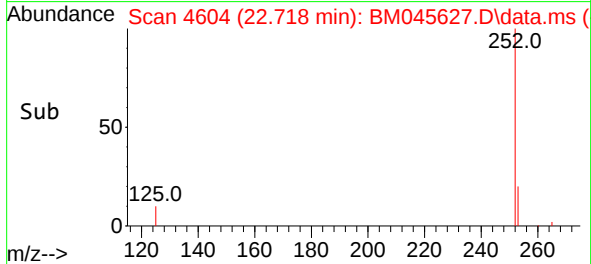


#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

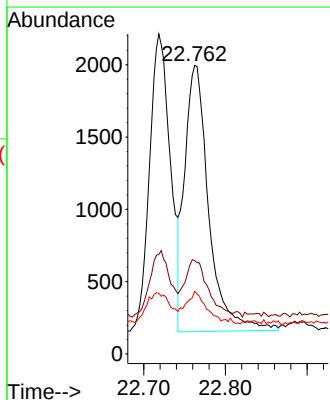
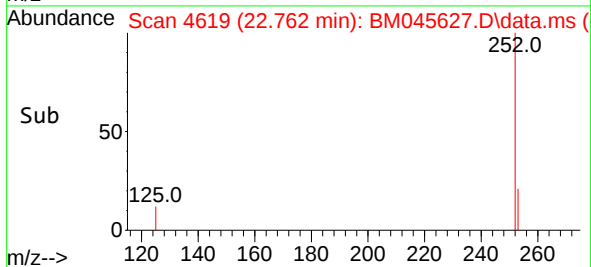
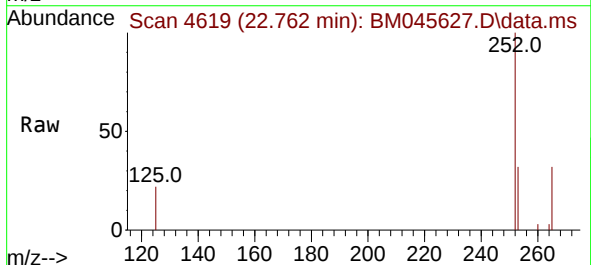


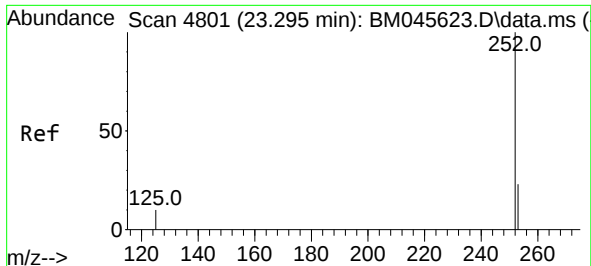
Tgt Ion:252 Resp: 3661
Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.4
125 19.0 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 22.762 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion:252 Resp: 3773
Ion Ratio Lower Upper
252 100
253 32.4 25.4 38.0
125 21.8 14.8 22.2

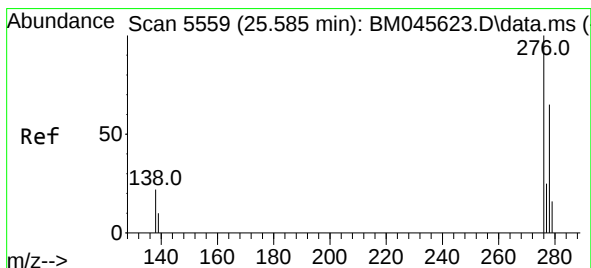
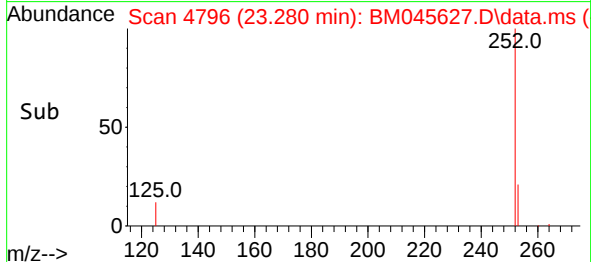
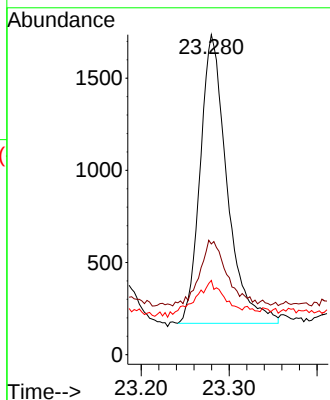
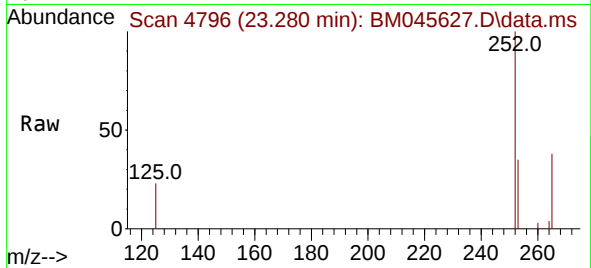




#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.280 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

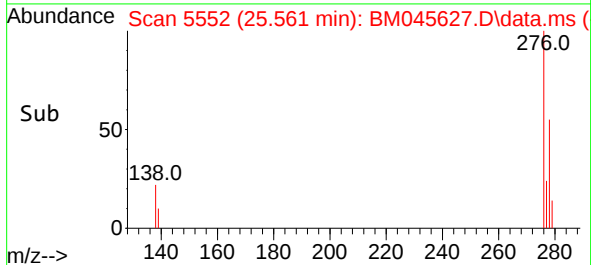
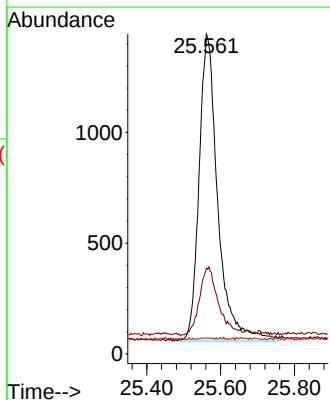
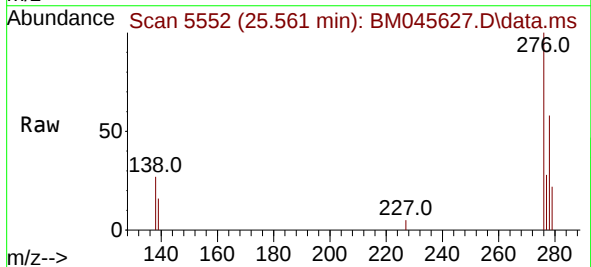
Instrument :
BNA_M
ClientSampleId :
C0AC7MSD

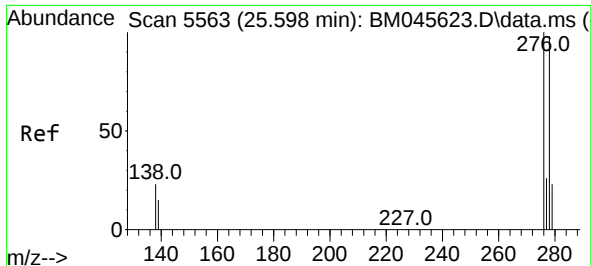
Tgt Ion:252 Resp: 3326
Ion Ratio Lower Upper
252 100
253 34.6 31.6 47.4
125 23.2 19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 25.561 min Scan# 5552
Delta R.T. -0.024 min
Lab File: BM045627.D
Acq: 29 Apr 2024 20:11

Tgt Ion:276 Resp: 4862
Ion Ratio Lower Upper
276 100
138 23.0 19.8 29.6
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.295 ng/ul

RT: 25.575 min Scan# 51

Delta R.T. -0.024 min

Lab File: BM045627.D

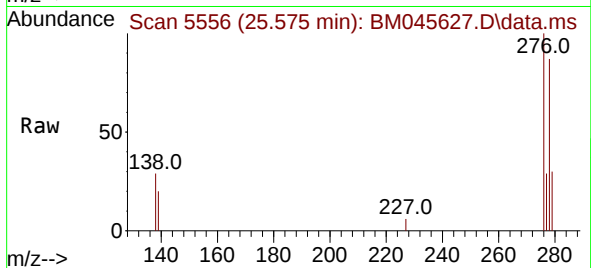
Acq: 29 Apr 2024 20:11

Instrument :

BNA_M

ClientSampleId :

C0AC7MSD



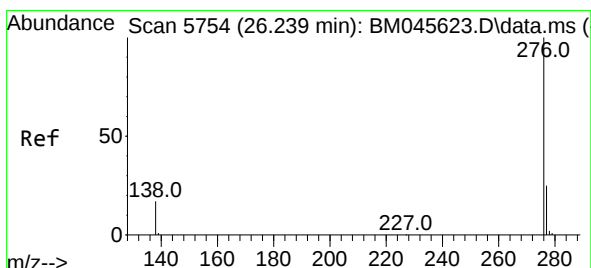
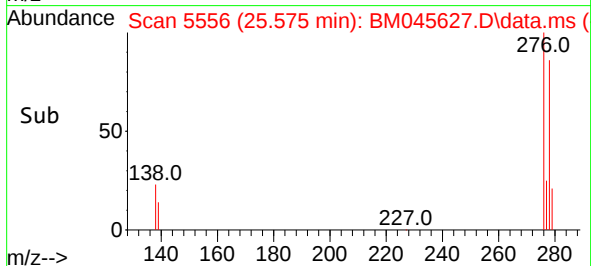
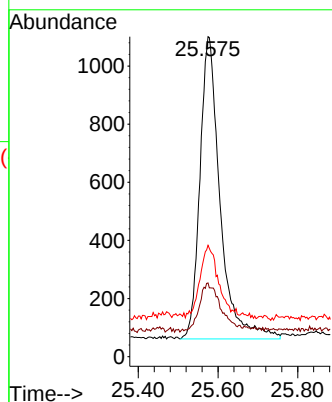
Tgt Ion:278 Resp: 3656

Ion Ratio Lower Upper

278 100

139 23.1 19.0 28.6

279 34.8 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.298 ng/ul

RT: 26.225 min Scan# 5750

Delta R.T. -0.014 min

Lab File: BM045627.D

Acq: 29 Apr 2024 20:11

Tgt Ion:276 Resp: 4173

Ion Ratio Lower Upper

276 100

138 26.9 20.8 31.2

277 28.0 21.8 32.8

