

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031524\
 Data File : BM044621.D
 Acq On : 14 Mar 2024 19:43
 Operator : MA/JU
 Sample : PB159580BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS580

Quant Time: Mar 14 23:23:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 14:02:17 2024
 Response via : Initial Calibration

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

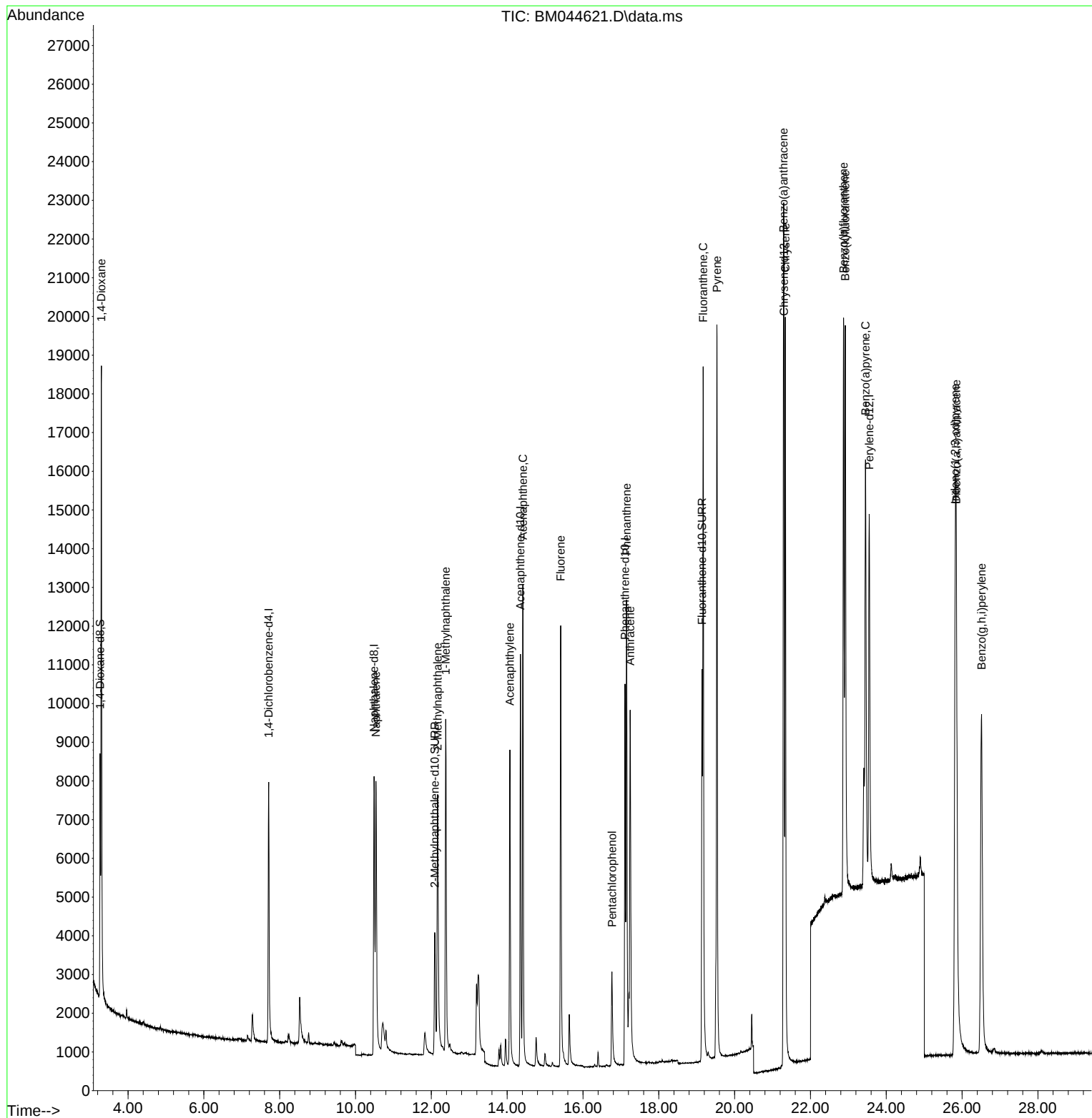
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	4112	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.490	136	12879	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.349	164	6439	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.107	188	13958	0.400	ng/ul	-0.01
17) Chrysene-d12	21.303	240	12978	0.400	ng/ul	-0.01
23) Perylene-d12	23.551	264	14965	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	3854	0.715	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.090	152	6184	0.334	ng/ul	-0.01
18) Fluoranthene-d10	19.141	212	13137	0.288	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.297	88	10626	1.929	ng/ul#	72
5) Naphthalene	10.539	128	12263	0.338	ng/ul	98
7) 2-Methylnaphthalene	12.167	142	7318	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	7455	0.322	ng/ul	99
10) Acenaphthylene	14.072	152	11331	0.346	ng/ul	99
11) Acenaphthene	14.414	153	8133	0.344	ng/ul	99
12) Fluorene	15.413	166	9130	0.338	ng/ul	99
14) Pentachlorophenol	16.765	266	2492	0.740	ng/ul	96
15) Phenanthrene	17.149	178	14583	0.348	ng/ul	98
16) Anthracene	17.247	178	14300	0.363	ng/ul	99
19) Fluoranthene	19.169	202	17612	0.277	ng/ul#	95
20) Pyrene	19.536	202	18434	0.283	ng/ul	99
21) Benzo(a)anthracene	21.289	228	17470	0.354	ng/ul	99
22) Chrysene	21.338	228	19946	0.360	ng/ul	100
24) Benzo(b)fluoranthene	22.872	252	19868	0.348	ng/ul	95
25) Benzo(k)fluoranthene	22.919	252	22491	0.364	ng/ul	95
26) Benzo(a)pyrene	23.454	252	18857	0.364	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.819	276	24837	0.416	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.849	278	19999	0.434	ng/ul	99
29) Benzo(g,h,i)perylene	26.513	276	21037	0.402	ng/ul	99

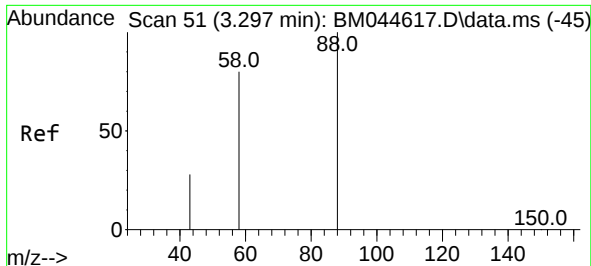
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

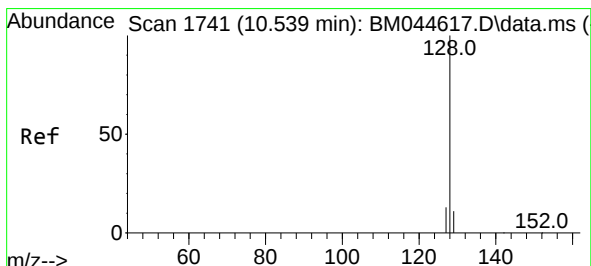
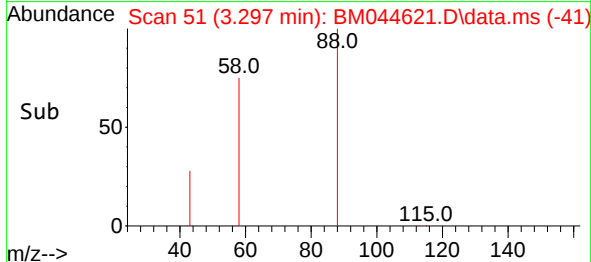
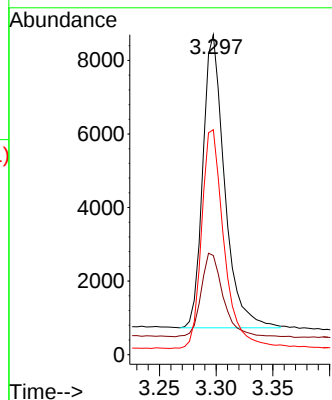
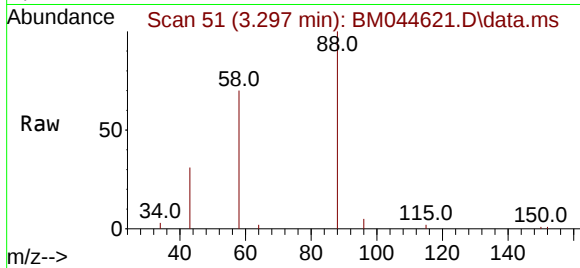




#2
 1,4-Dioxane
 Concen: 1.929 ng/ul
 RT: 3.297 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BM044621.D
 Acq: 14 Mar 2024 19:43

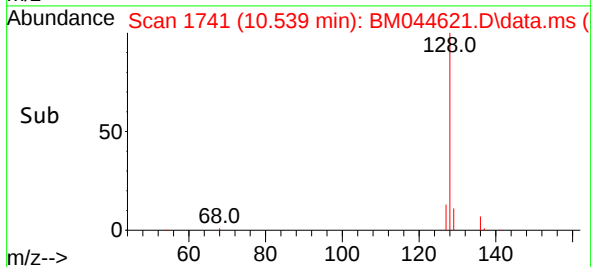
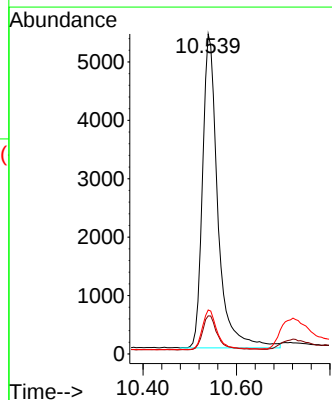
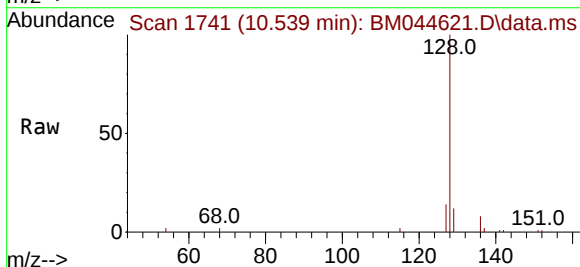
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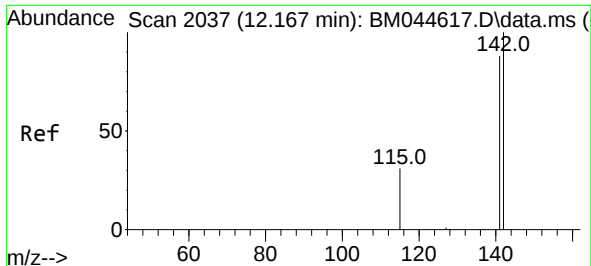
Tgt Ion: 88 Resp: 10626
 Ion Ratio Lower Upper
 88 100
 43 31.0 21.4 32.0
 58 70.3 35.6 53.4#



#5
 Naphthalene
 Concen: 0.338 ng/ul
 RT: 10.539 min Scan# 1741
 Delta R.T. -0.017 min
 Lab File: BM044621.D
 Acq: 14 Mar 2024 19:43

Tgt Ion: 128 Resp: 12263
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.2 13.8
 127 13.7 10.3 15.5

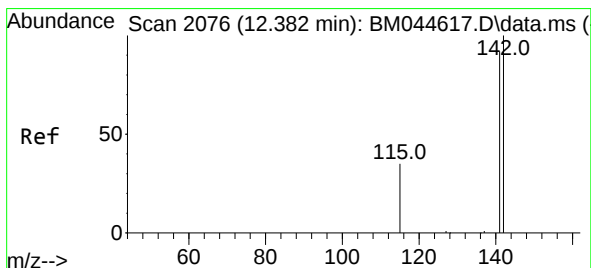
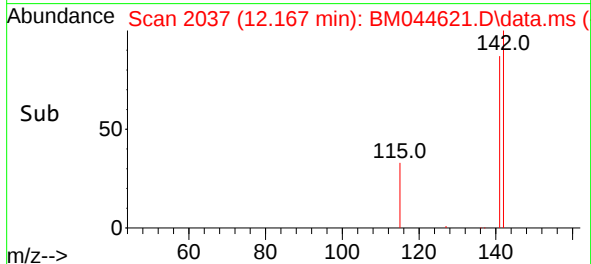
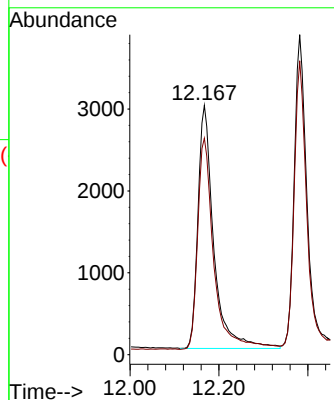
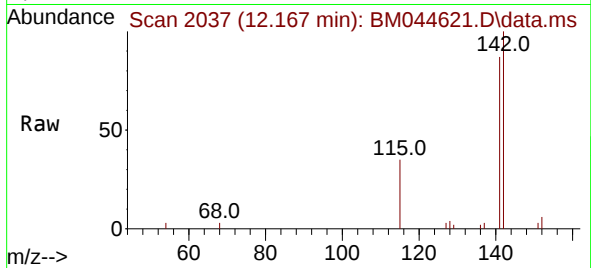




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.167 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

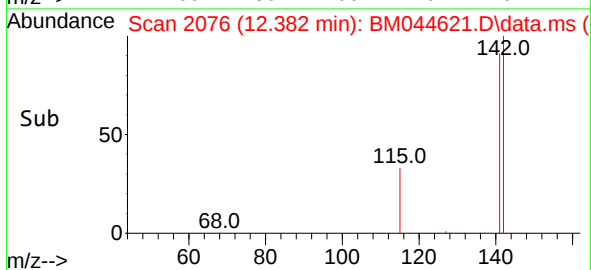
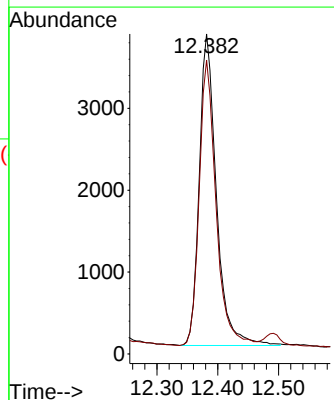
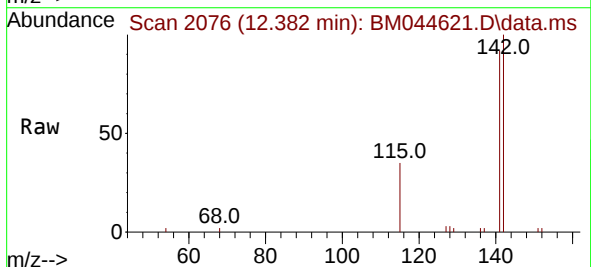
Instrument :
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ClientSampleId :
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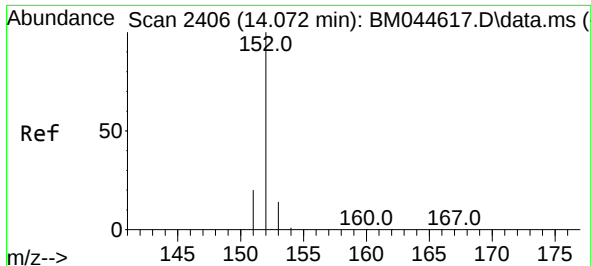
Tgt Ion:142 Resp: 7318
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:142 Resp: 7455
Ion Ratio Lower Upper
142 100
141 90.1 73.1 109.7

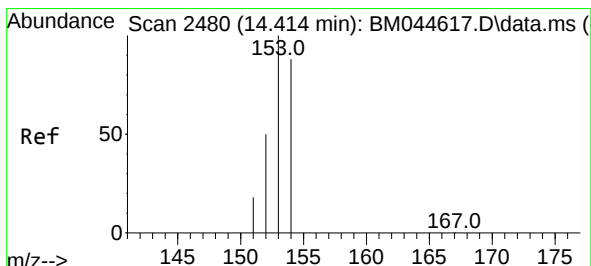
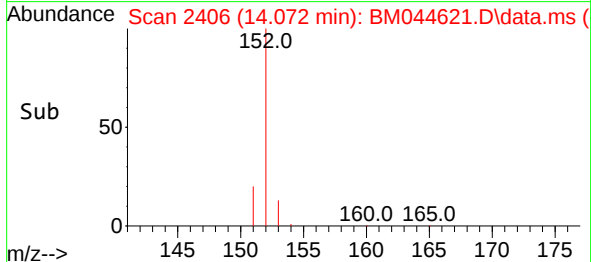
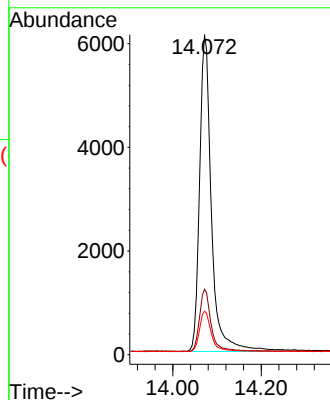
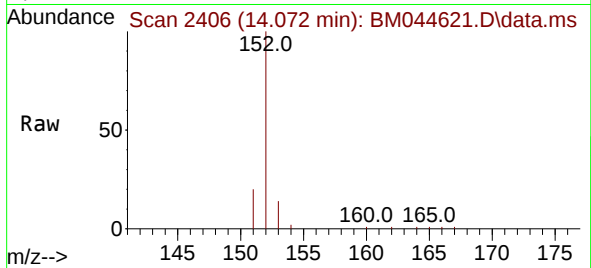




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.072 min Scan# 2406
Delta R.T. -0.013 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

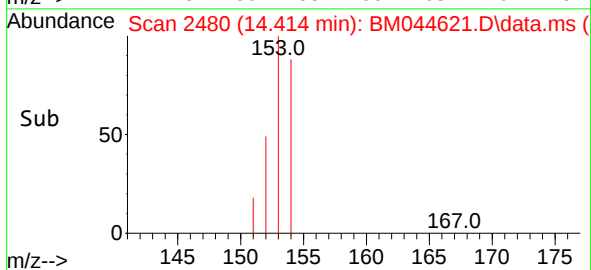
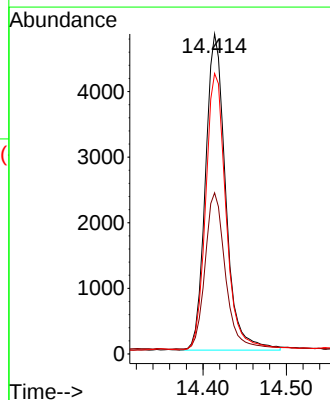
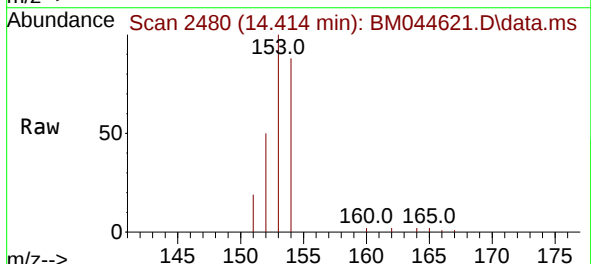
Instrument :
BNA_M
ClientSampleId :
SLCS580

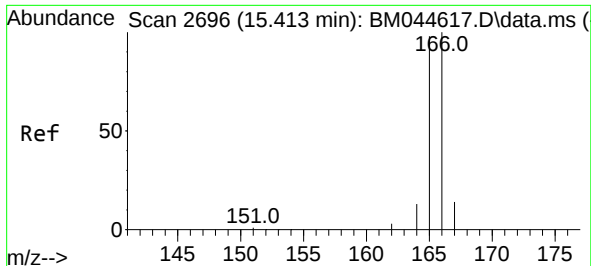
Tgt Ion:152	Resp:	11331
Ion Ratio	Lower	Upper
152	100	
151	20.5	15.8 23.8
153	13.6	10.8 16.2



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.013 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:153	Resp:	8133
Ion Ratio	Lower	Upper
153	100	
152	50.4	40.7 61.1
154	87.7	70.6 106.0

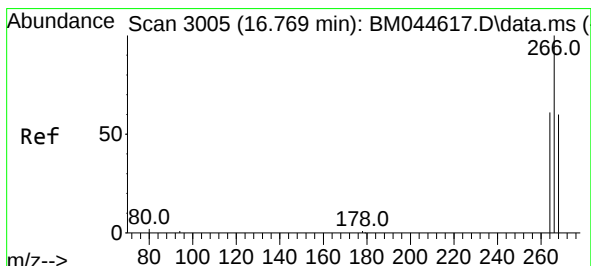
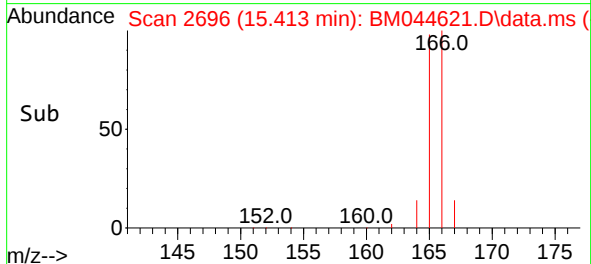
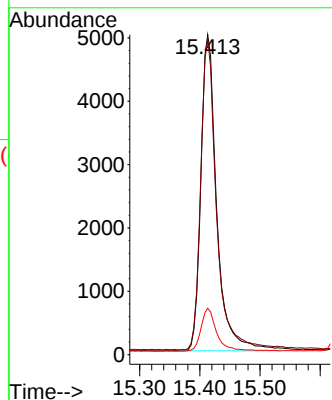
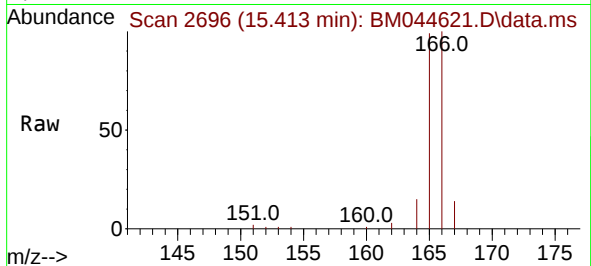




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.413 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

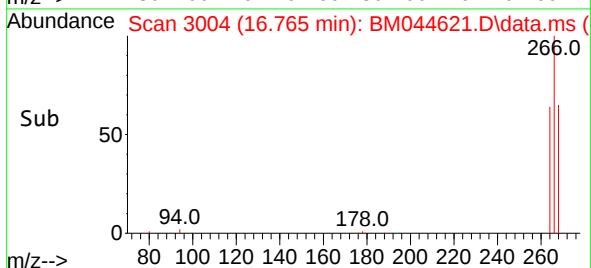
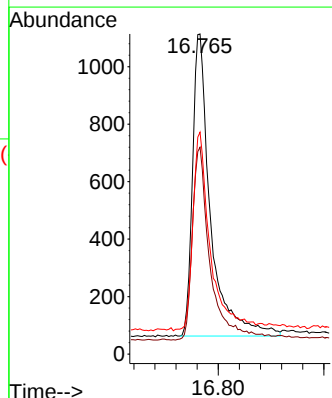
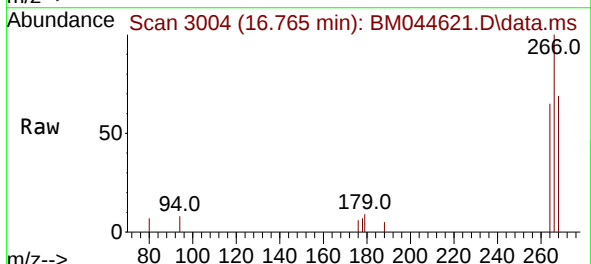
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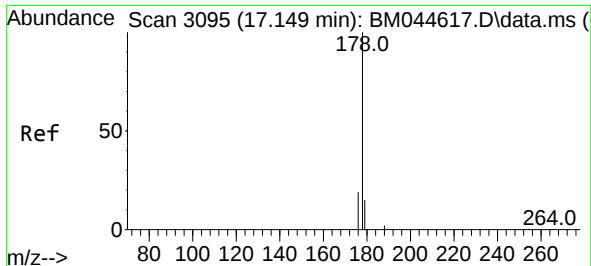
Tgt Ion:166 Resp: 9130
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.0
167 14.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.740 ng/ul
RT: 16.765 min Scan# 3004
Delta R.T. -0.012 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:266 Resp: 2492
Ion Ratio Lower Upper
266 100
264 63.4 49.5 74.3
268 64.7 48.1 72.1

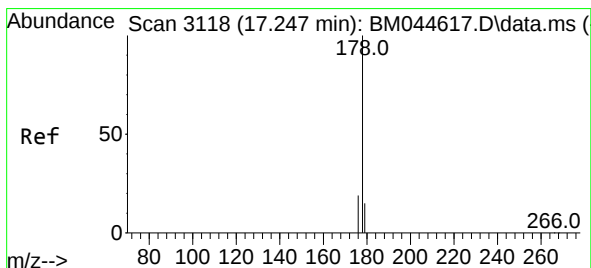
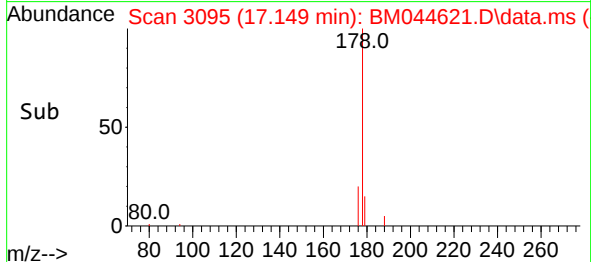
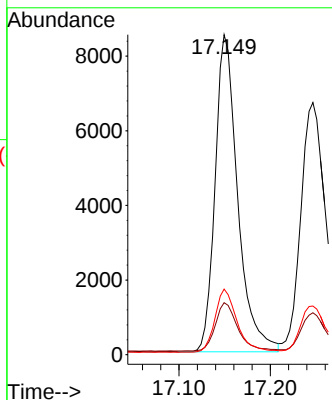
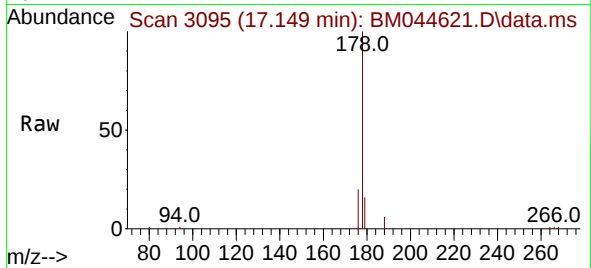




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.149 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

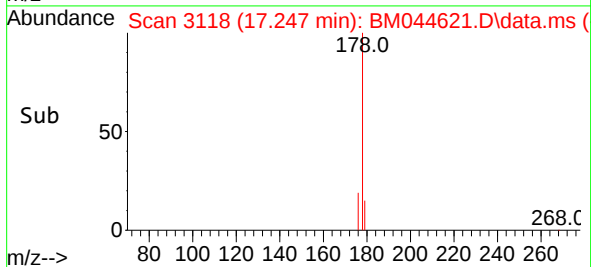
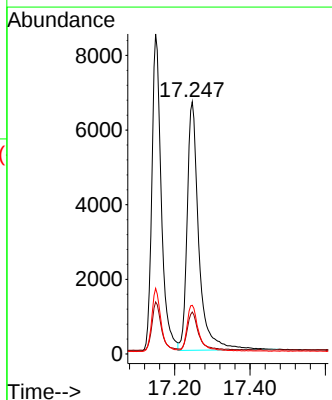
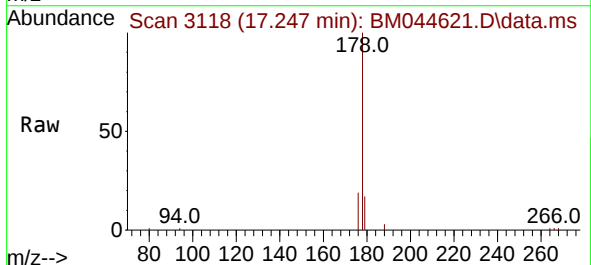
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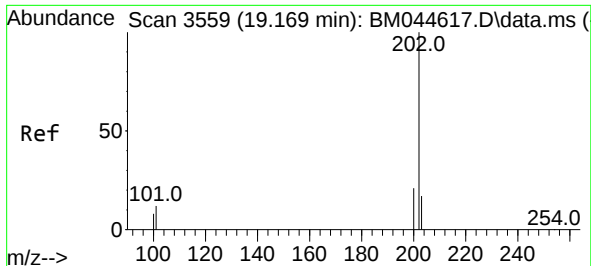
Tgt Ion:	178	Resp:	14583
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.5	18.7
176	20.5	15.8	23.8



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:	178	Resp:	14300
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.8	19.2
176	19.3	15.2	22.8

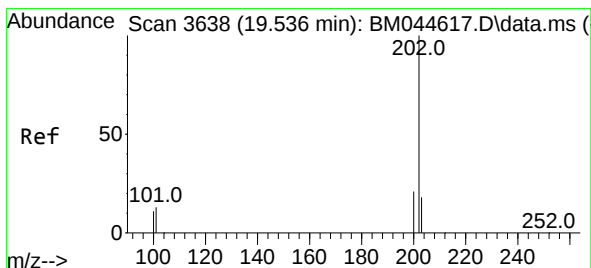
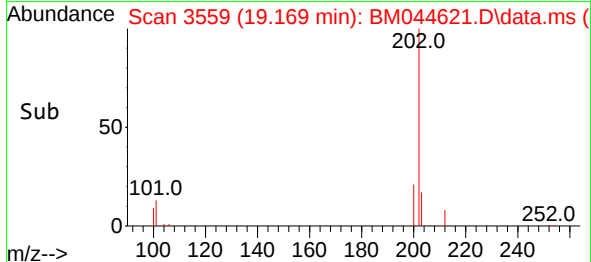
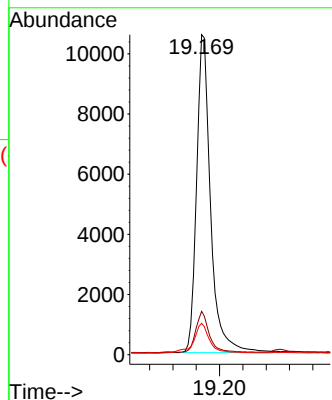
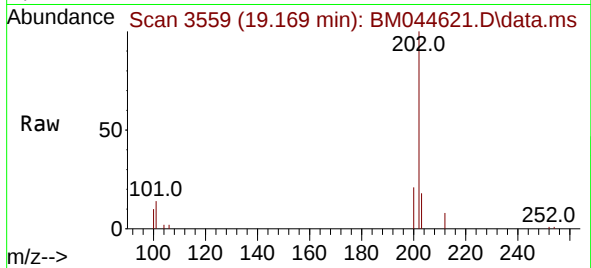




#19
Fluoranthene
Concen: 0.277 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.018 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

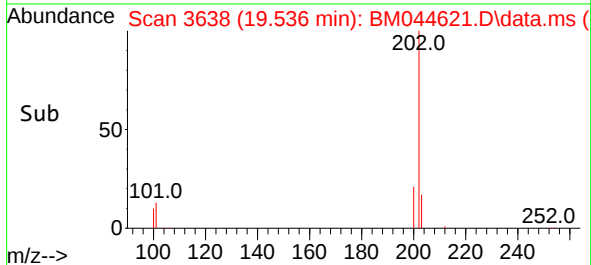
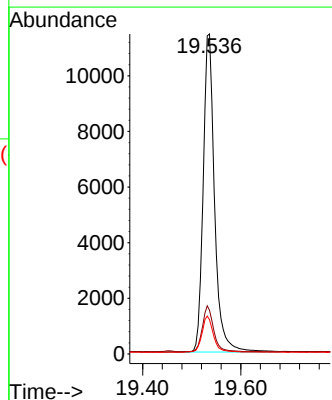
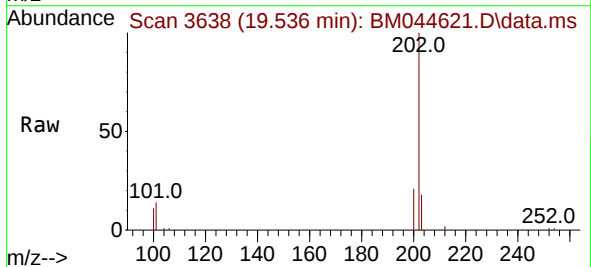
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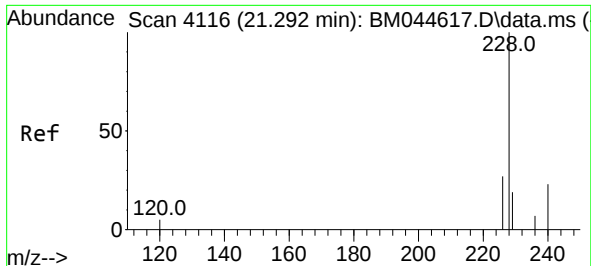
Tgt Ion:	202	Resp:	17612
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.0	13.4#
100	9.8	6.8	10.2



#20
Pyrene
Concen: 0.283 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.013 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:	202	Resp:	18434
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.8	16.2
100	10.8	8.4	12.6

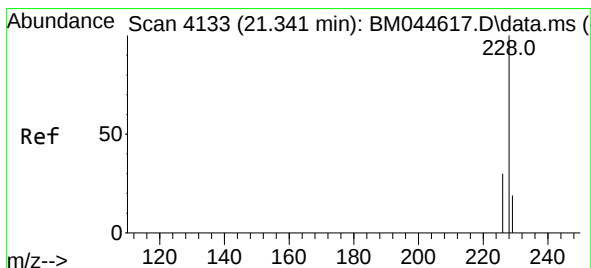
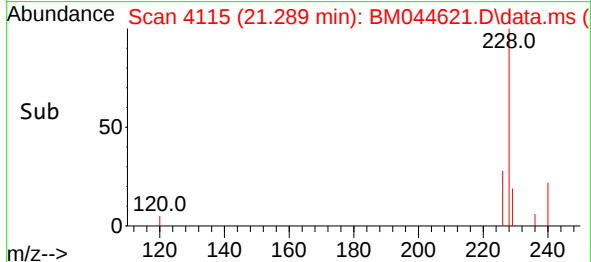
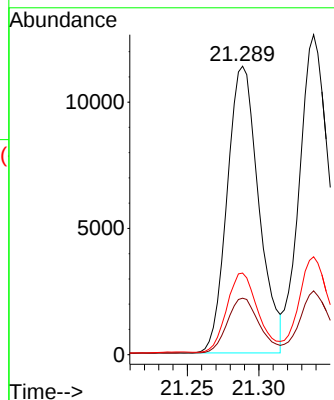
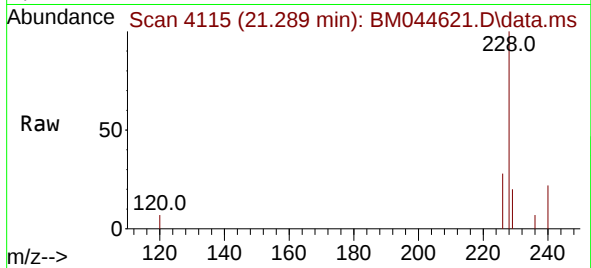




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.289 min Scan# 4115
Delta R.T. -0.013 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

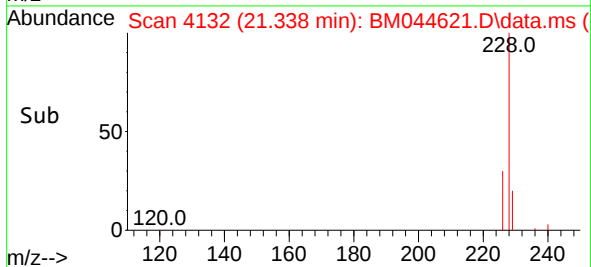
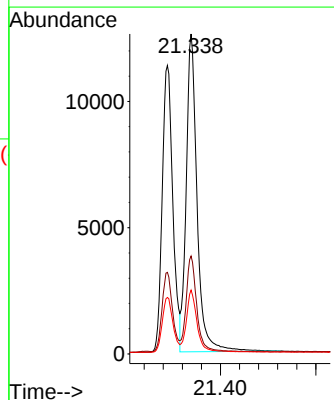
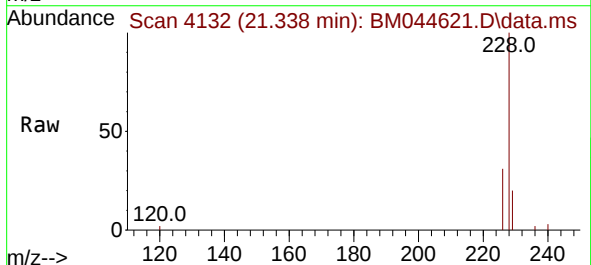
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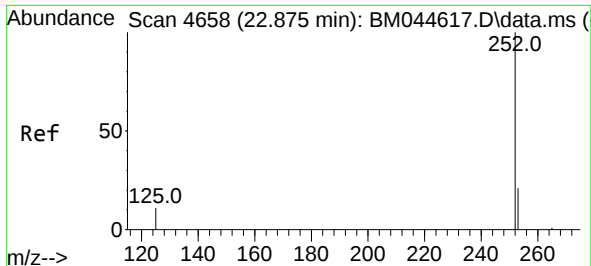
Tgt Ion:228 Resp: 17470
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 28.3 22.2 33.2



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.338 min Scan# 4132
Delta R.T. -0.013 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:228 Resp: 19946
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.0 15.7 23.5

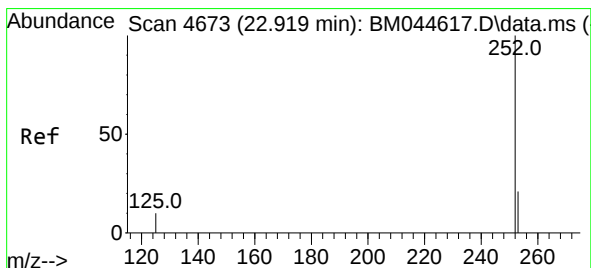
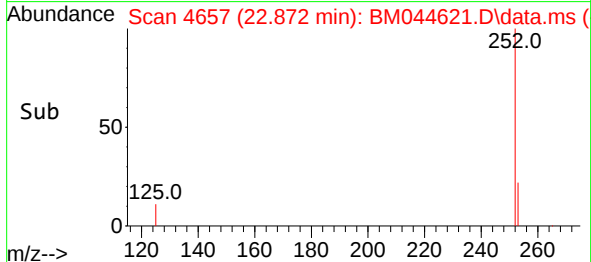
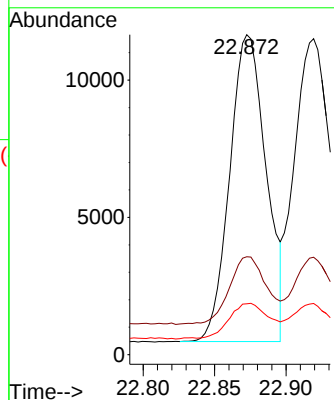
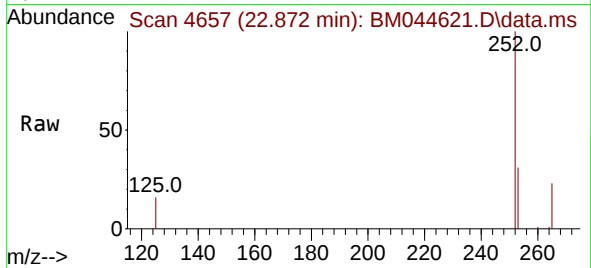




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.872 min Scan# 4657
Delta R.T. -0.019 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

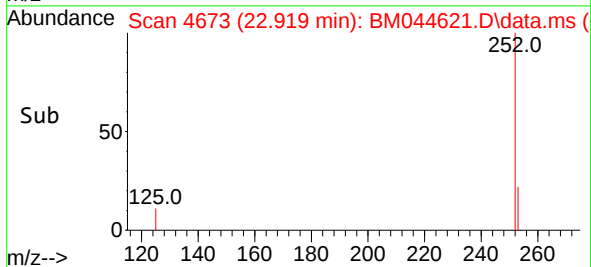
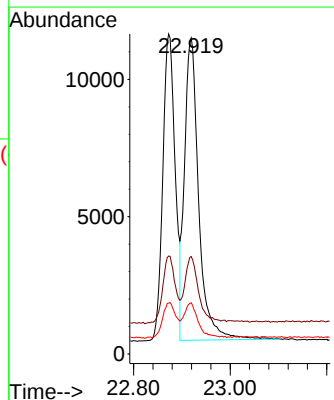
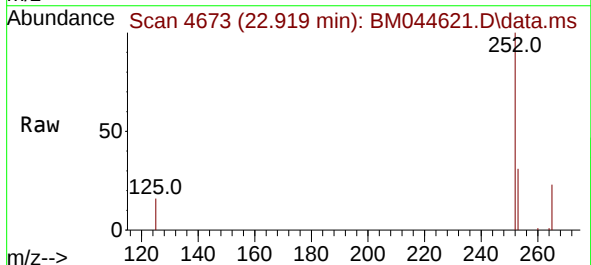
Instrument :
BNA_M
ClientSampleId :
SLCS580

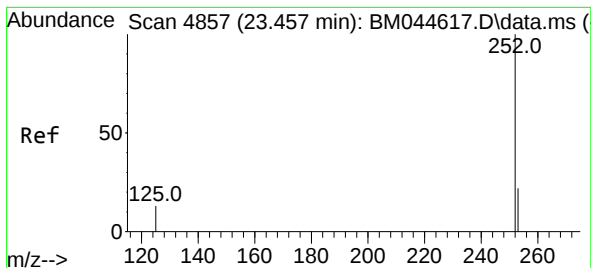
Tgt Ion:252 Resp: 19868
Ion Ratio Lower Upper
252 100
253 30.6 0.0 54.6
125 15.9 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 22.919 min Scan# 4673
Delta R.T. -0.022 min
Lab File: BM044621.D
Acq: 14 Mar 2024 19:43

Tgt Ion:252 Resp: 22491
Ion Ratio Lower Upper
252 100
253 30.8 22.6 33.8
125 16.2 11.4 17.2





#26

Benzo(a)pyrene

Concen: 0.364 ng/ul

RT: 23.454 min Scan# 4856

Delta R.T. -0.025 min

Lab File: BM044621.D

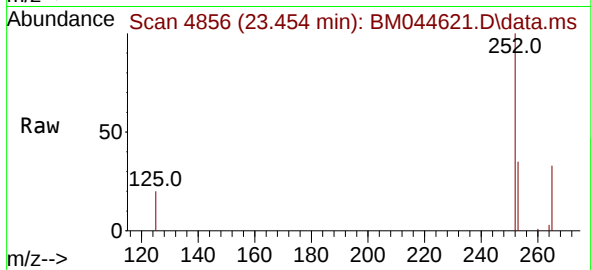
Acq: 14 Mar 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SLCS580



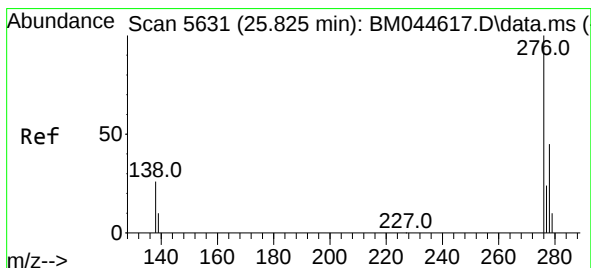
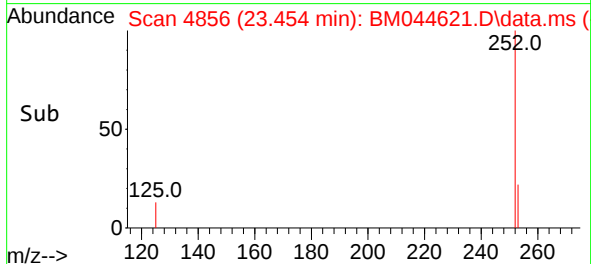
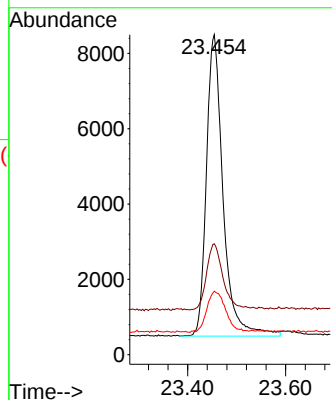
Tgt Ion:252 Resp: 18857

Ion Ratio Lower Upper

252 100

253 34.6 25.2 37.8

125 19.9 14.2 21.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng/ul

RT: 25.819 min Scan# 5629

Delta R.T. -0.045 min

Lab File: BM044621.D

Acq: 14 Mar 2024 19:43

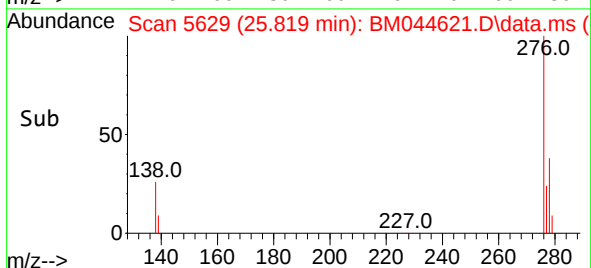
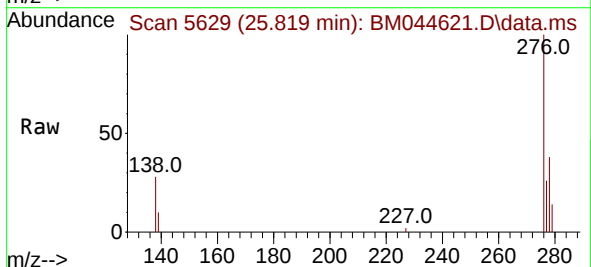
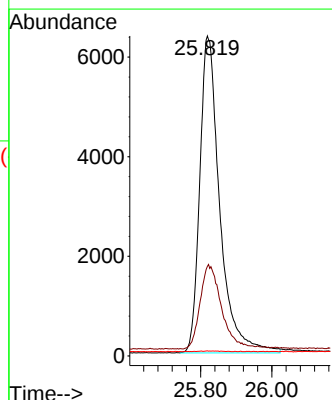
Tgt Ion:276 Resp: 24837

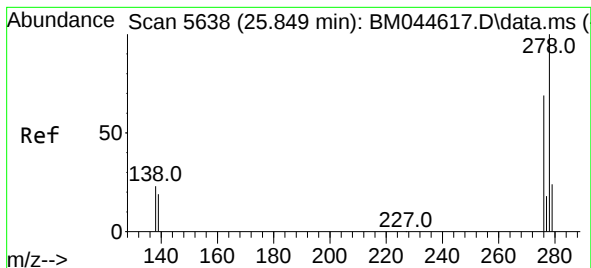
Ion Ratio Lower Upper

276 100

138 28.8 21.9 32.9

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.434 ng/ul

RT: 25.849 min Scan# 5

Delta R.T. -0.041 min

Lab File: BM044621.D

Acq: 14 Mar 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SLCS580

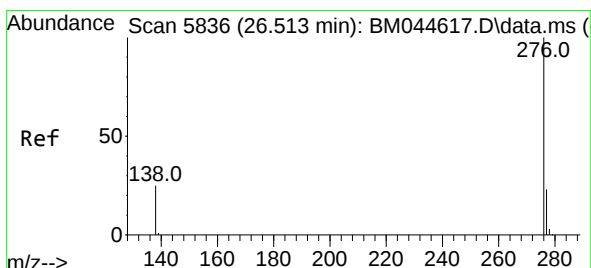
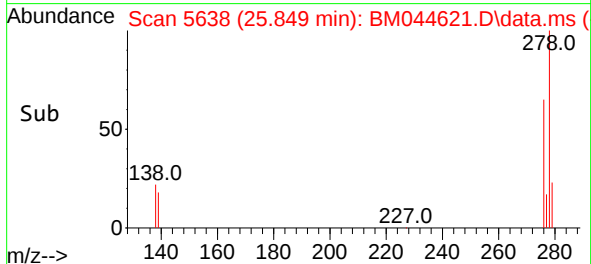
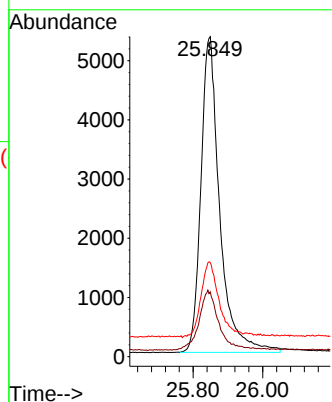
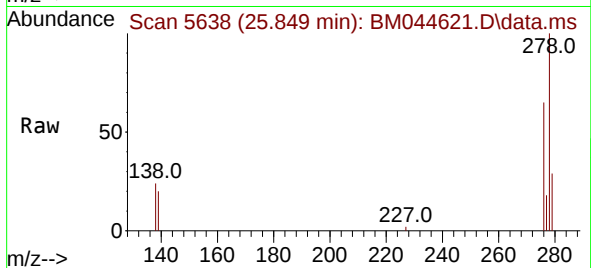
Tgt Ion:278 Resp: 19999

Ion Ratio Lower Upper

278 100

139 20.2 15.9 23.9

279 29.4 24.1 36.1



#29

Benzo(g,h,i)perylene

Concen: 0.402 ng/ul

RT: 26.513 min Scan# 5836

Delta R.T. -0.041 min

Lab File: BM044621.D

Acq: 14 Mar 2024 19:43

Tgt Ion:276 Resp: 21037

Ion Ratio Lower Upper

276 100

138 26.1 20.1 30.1

277 24.7 19.6 29.4

