

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045452.D
 Acq On : 21 Apr 2024 08:33
 Operator : MA/JU
 Sample : PB160291BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS291

Quant Time: Apr 22 01:29:17 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)

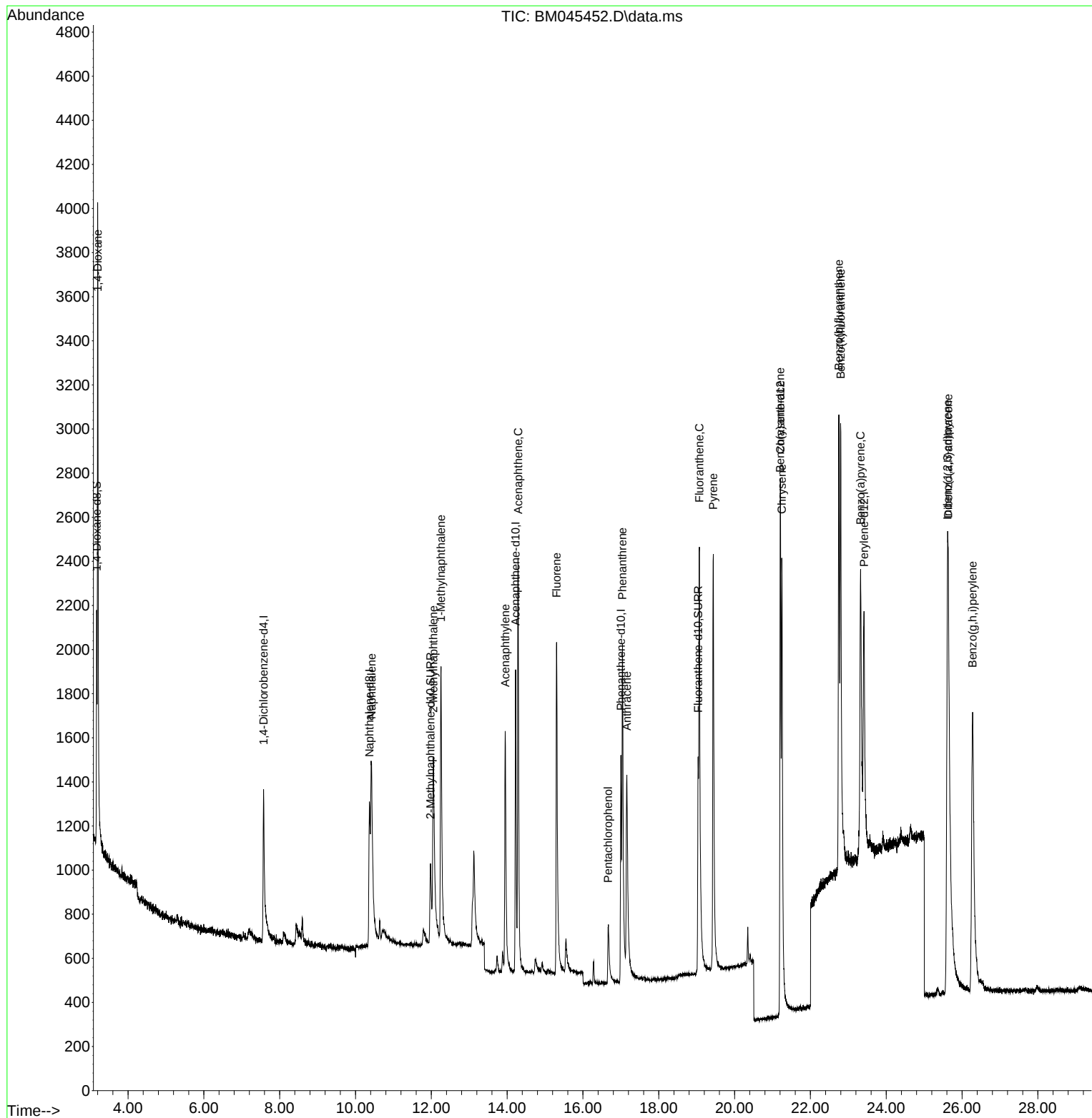
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	1961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	975	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.001	188	1868	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	1372	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	712	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	983	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	1664	0.385	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.201	88	1926	2.174	ng/ul#	83
5) Naphthalene	10.424	128	2138	0.406	ng/ul	96
7) 2-Methylnaphthalene	12.057	142	1218	0.405	ng/ul	97
8) 1-Methylnaphthalene	12.255	142	1309	0.388	ng/ul	99
10) Acenaphthylene	13.950	152	1998	0.416	ng/ul	97
11) Acenaphthene	14.288	153	1493	0.418	ng/ul	98
12) Fluorene	15.306	166	1549	0.406	ng/ul	99
14) Pentachlorophenol	16.663	266	337	0.905	ng/ul#	85
15) Phenanthrene	17.043	178	2276	0.418	ng/ul	98
16) Anthracene	17.157	178	2109	0.414	ng/ul	96
19) Fluoranthene	19.071	202	2527	0.399	ng/ul	98
20) Pyrene	19.438	202	2625	0.403	ng/ul	99
21) Benzo(a)anthracene	21.202	228	2015	0.459	ng/ul	97
22) Chrysene	21.246	228	2925	0.434	ng/ul	98
24) Benzo(b)fluoranthene	22.751	252	2915	0.442	ng/ul	99
25) Benzo(k)fluoranthene	22.797	252	3727	0.448	ng/ul	97
26) Benzo(a)pyrene	23.324	252	3088	0.452	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.615	276	4543	0.457	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.639	278	3556	0.451	ng/ul	99
29) Benzo(g,h,i)perylene	26.279	276	4039	0.453	ng/ul	100

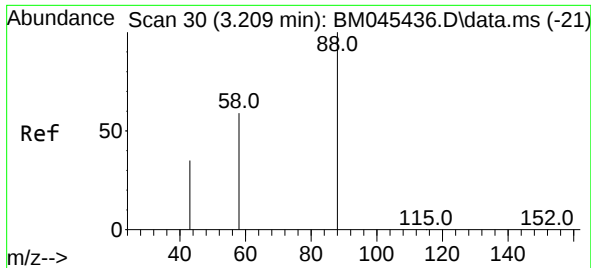
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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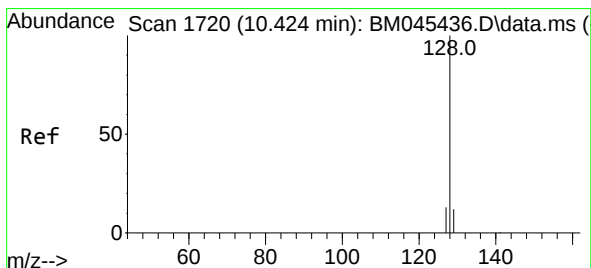
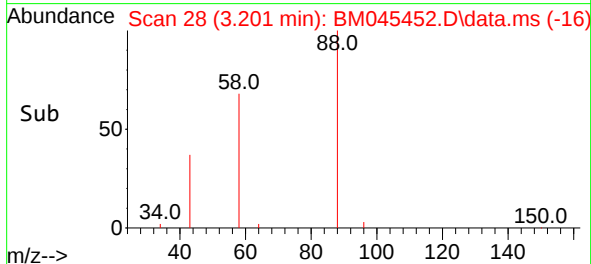
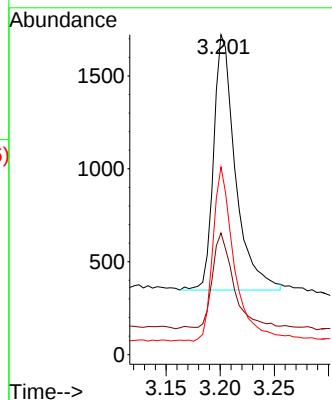
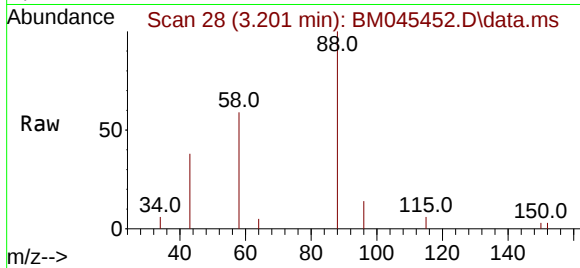




#2
 1,4-Dioxane
 Concen: 2.174 ng/ul
 RT: 3.201 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BM045452.D
 Acq: 21 Apr 2024 08:33

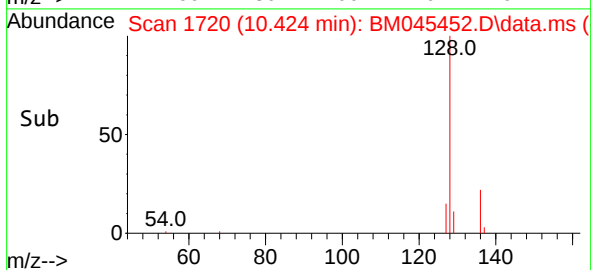
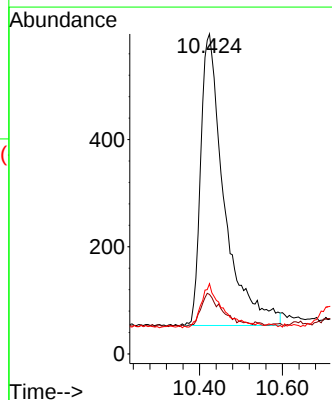
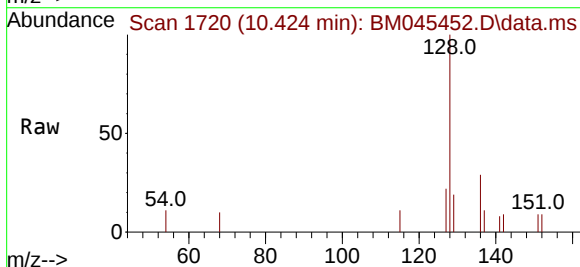
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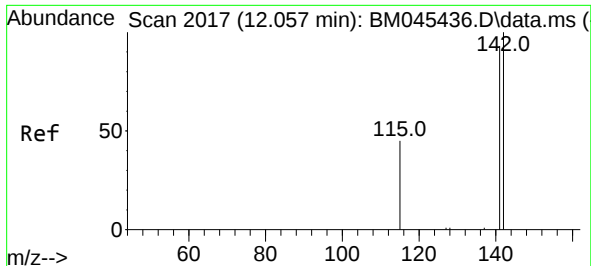
Tgt Ion: 88 Resp: 1926
 Ion Ratio Lower Upper
 88 100
 43 38.0 36.8 55.2
 58 58.7 35.4 53.2#



#5
 Naphthalene
 Concen: 0.406 ng/ul
 RT: 10.424 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: BM045452.D
 Acq: 21 Apr 2024 08:33

Tgt Ion:128 Resp: 2138
 Ion Ratio Lower Upper
 128 100
 129 18.6 14.0 21.0
 127 21.9 15.4 23.2

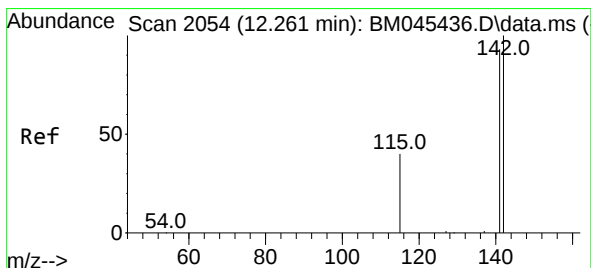
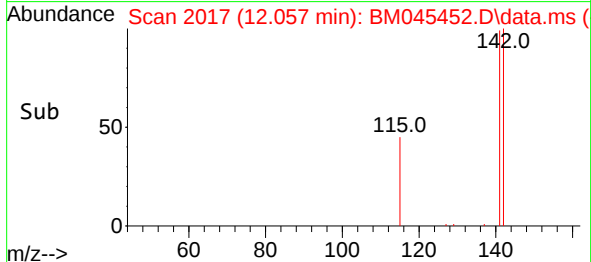
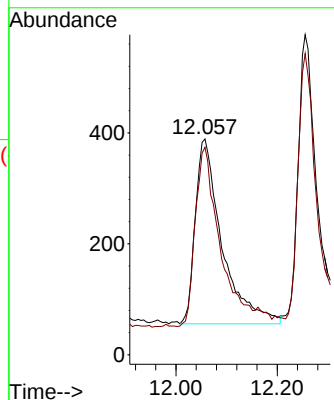
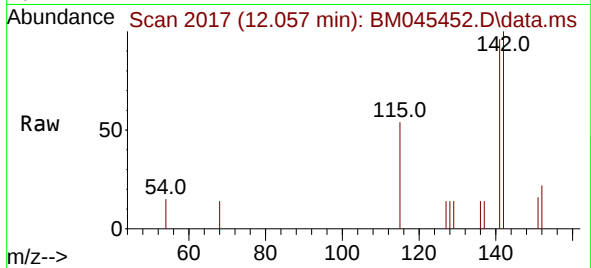




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.057 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

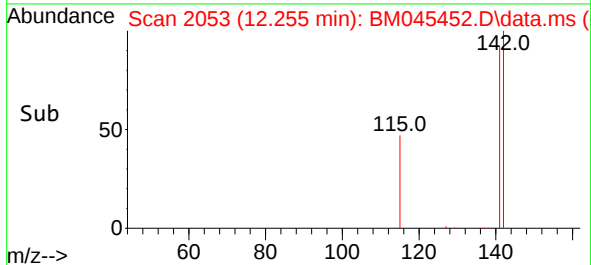
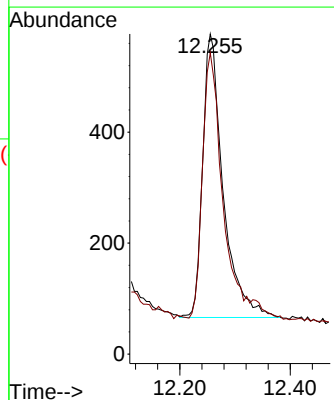
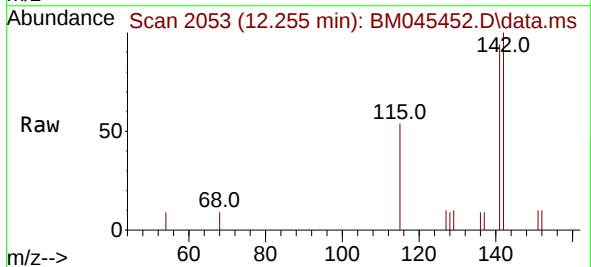
Instrument :
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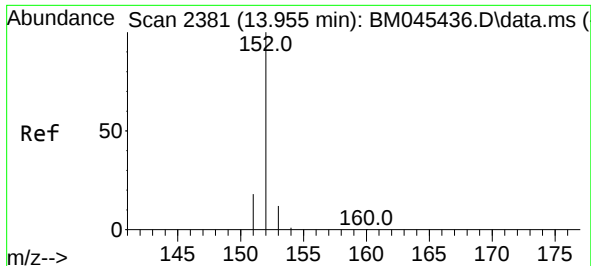
Tgt Ion:142 Resp: 1218
Ion Ratio Lower Upper
142 100
141 96.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:142 Resp: 1309
Ion Ratio Lower Upper
142 100
141 94.5 76.1 114.1

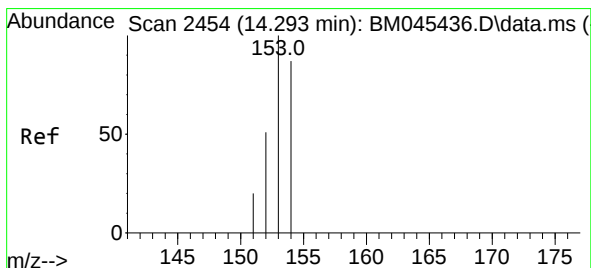
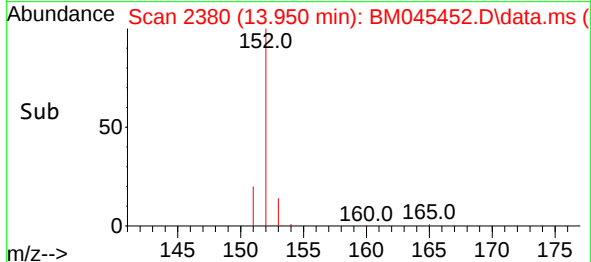
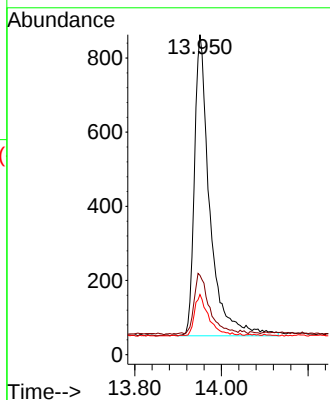
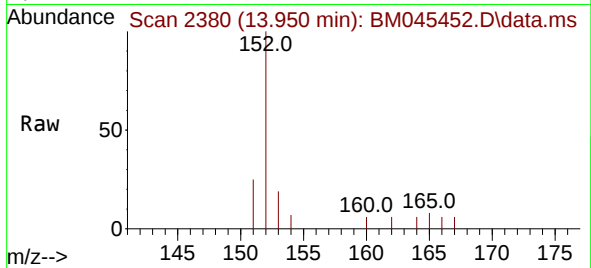




#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 13.950 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

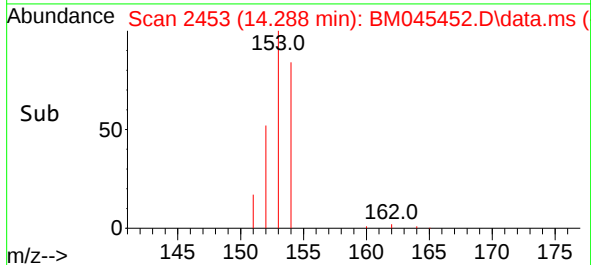
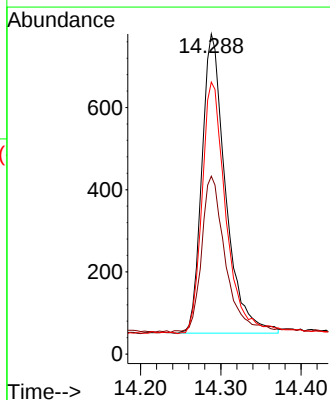
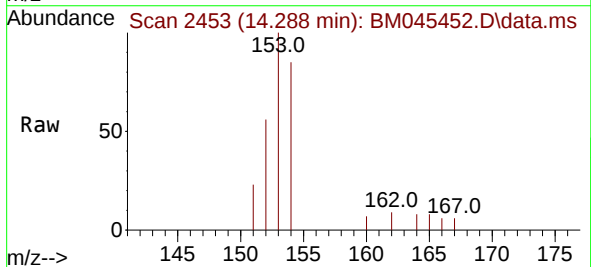
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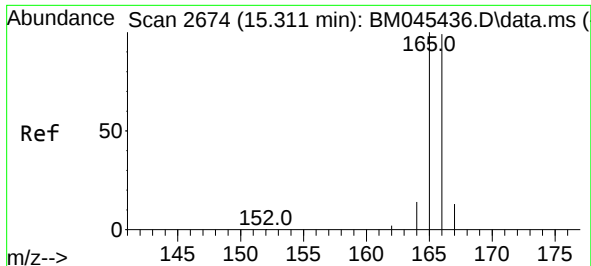
Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	18.6	28.0
153	18.8	14.1	21.1



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.6	43.4	65.2
154	85.0	69.0	103.6

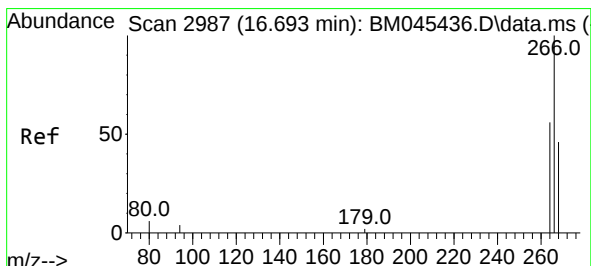
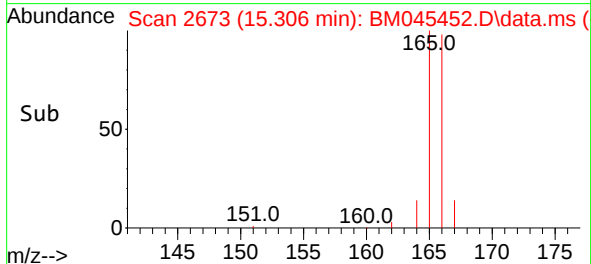
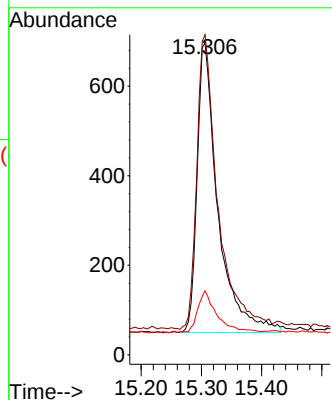
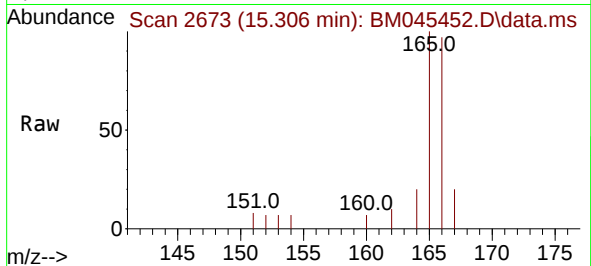




#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.306 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

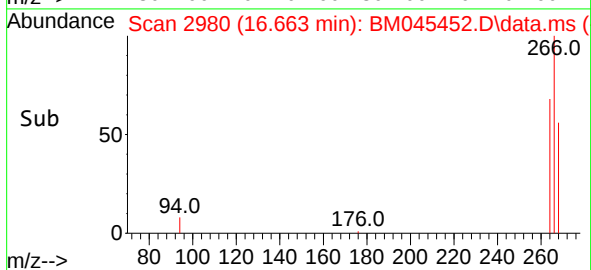
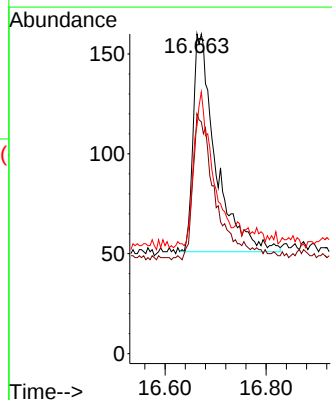
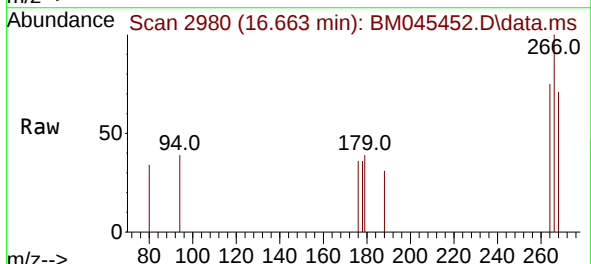
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ClientSampleId :
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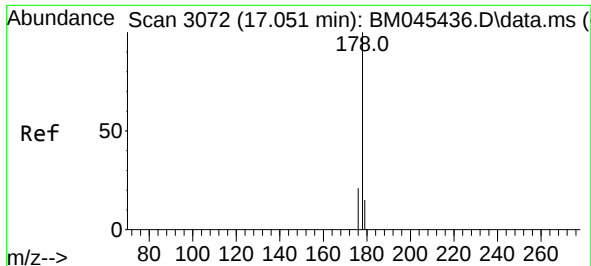
Tgt Ion:166 Resp: 1549
Ion Ratio Lower Upper
166 100
165 102.6 82.2 123.2
167 20.5 14.8 22.2



#14
Pentachlorophenol
Concen: 0.905 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.021 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

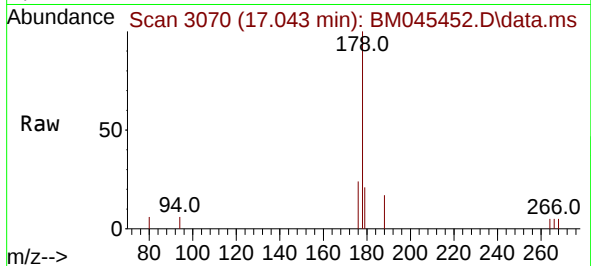
Tgt Ion:266 Resp: 337
Ion Ratio Lower Upper
266 100
264 69.1 45.5 68.3#
268 58.2 56.1 84.1



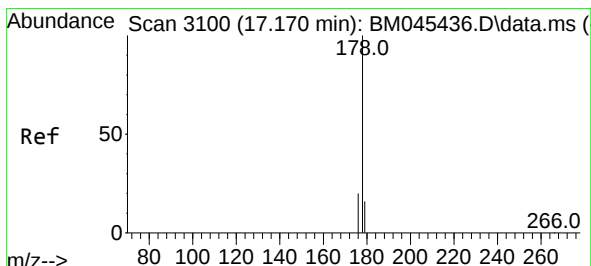
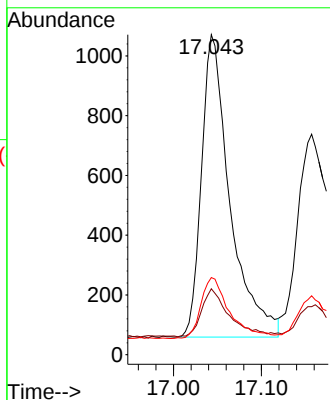
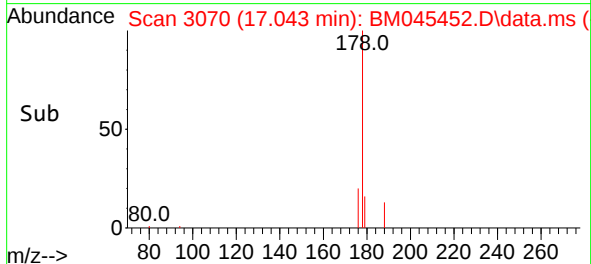


#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.043 min Scan# 3070
Delta R.T. -0.008 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS291

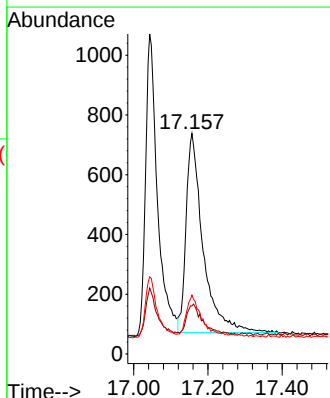
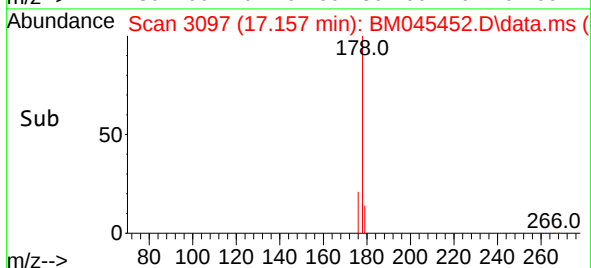
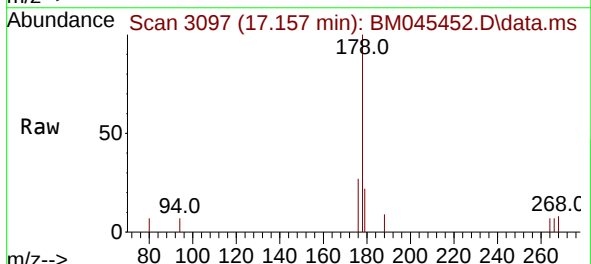


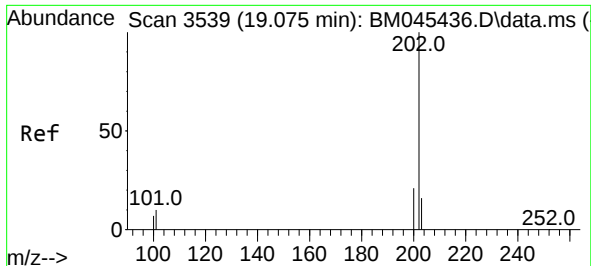
Tgt Ion:	178	Resp:	2276
Ion	Ratio	Lower	Upper
178	100		
179	20.6	15.4	23.2
176	24.1	19.0	28.4



#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.157 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:	178	Resp:	2109
Ion	Ratio	Lower	Upper
178	100		
179	21.8	17.8	26.6
176	26.7	18.7	28.1

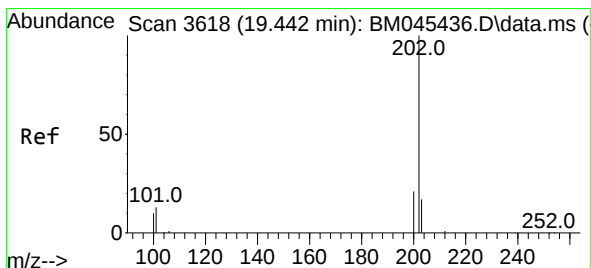
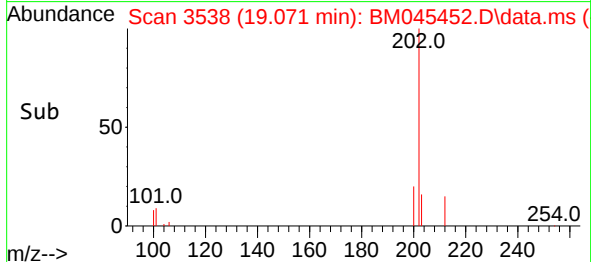
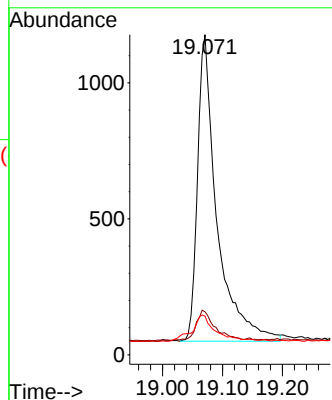
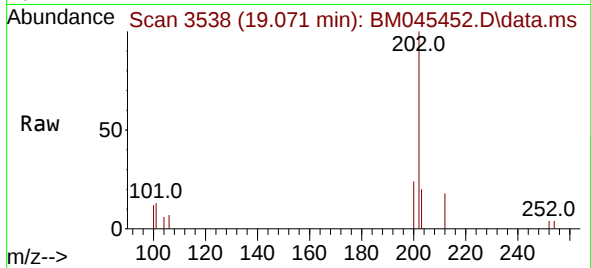




#19
Fluoranthene
Concen: 0.399 ng/u1
RT: 19.071 min Scan# 3538
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

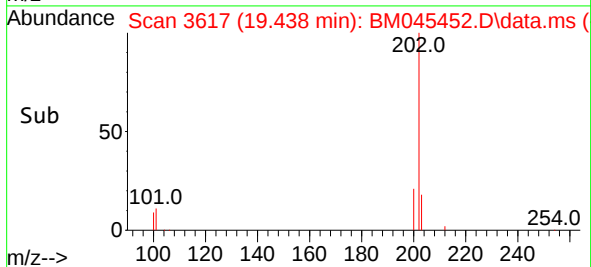
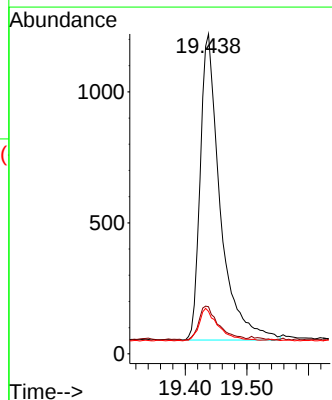
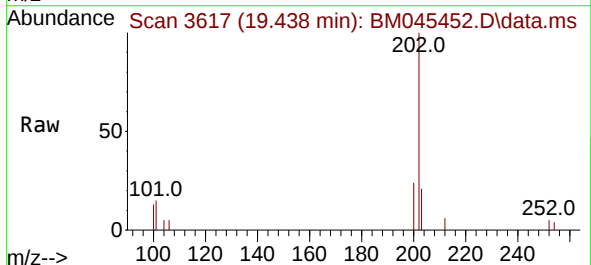
Instrument :
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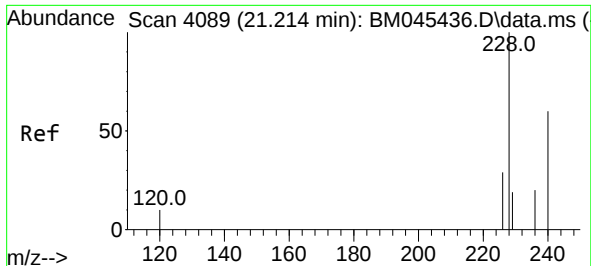
Tgt Ion:202 Resp: 2527
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.403 ng/u1
RT: 19.438 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

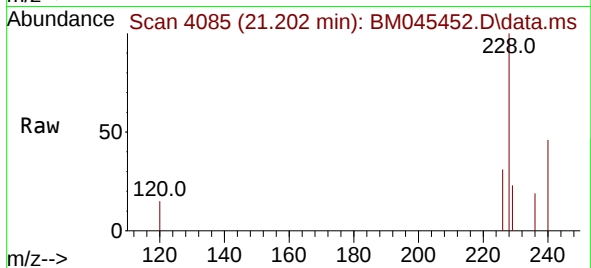
Tgt Ion:202 Resp: 2625
Ion Ratio Lower Upper
202 100
101 14.7 11.5 17.3
100 13.3 10.6 15.8



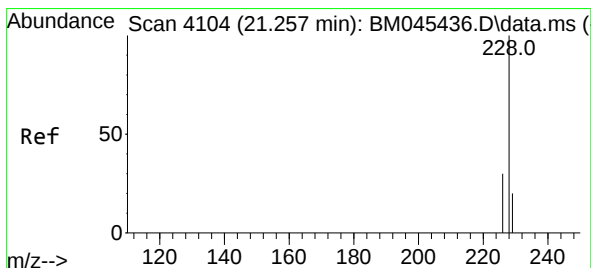
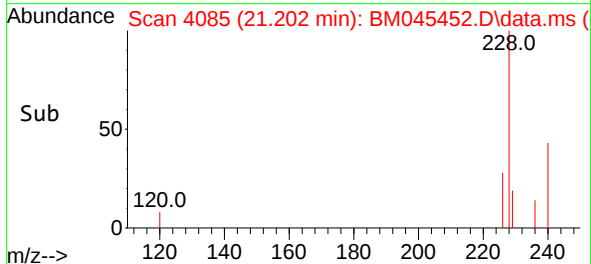
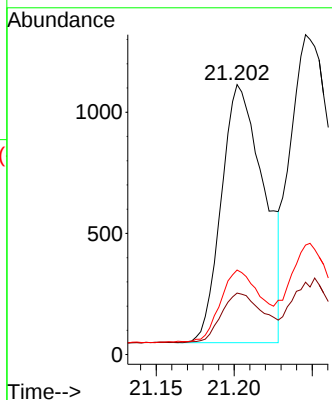


#21
Benzo(a)anthracene
Concen: 0.459 ng/ul
RT: 21.202 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
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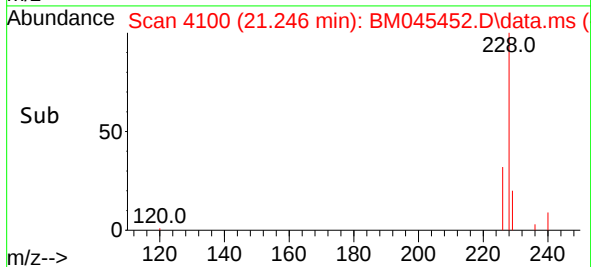
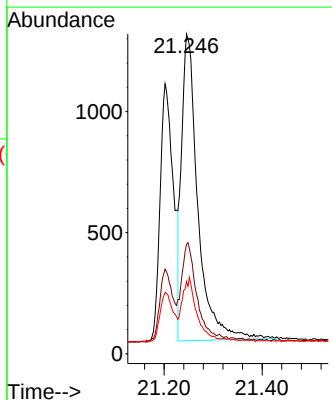
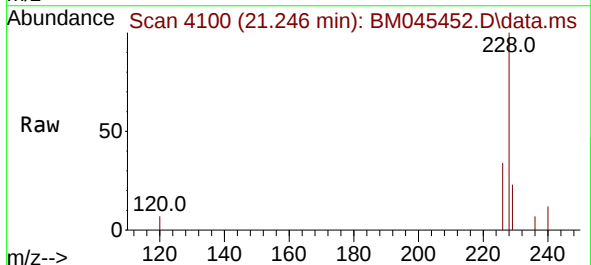


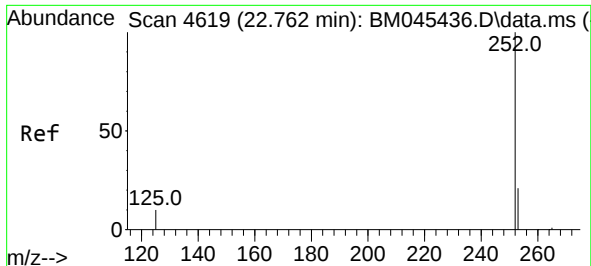
Tgt Ion:228 Resp: 2015
Ion Ratio Lower Upper
228 100
229 22.8 19.4 29.2
226 31.3 26.3 39.5



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.246 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:228 Resp: 2925
Ion Ratio Lower Upper
228 100
226 34.2 26.3 39.5
229 22.7 17.8 26.8

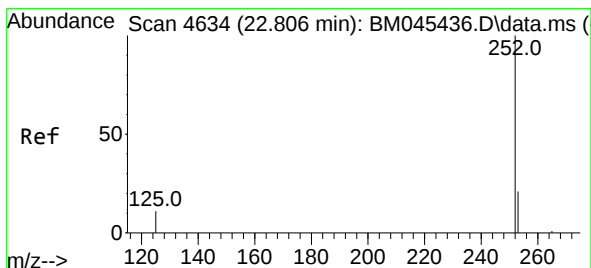
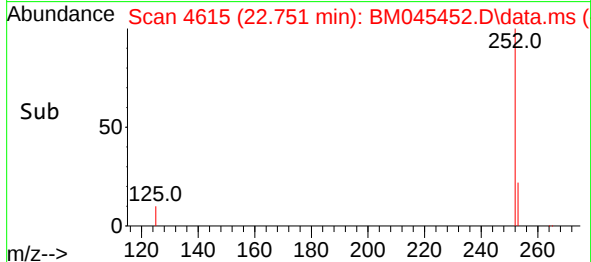
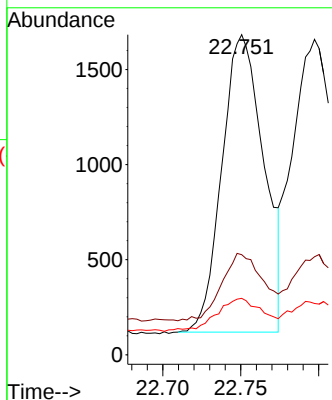
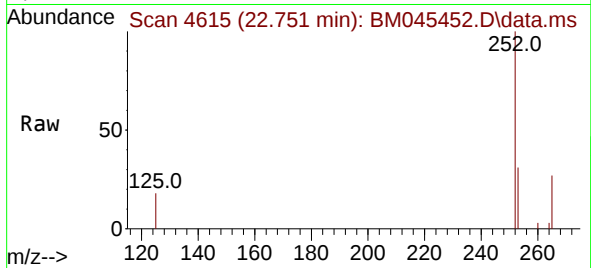




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 22.751 min Scan# 4615
Delta R.T. -0.009 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

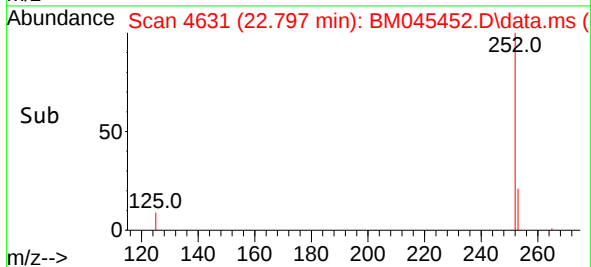
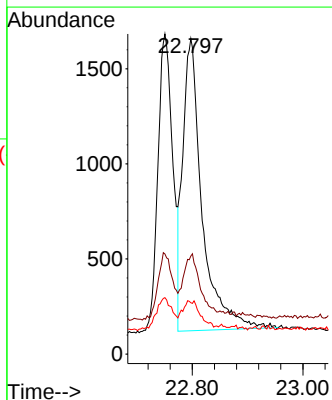
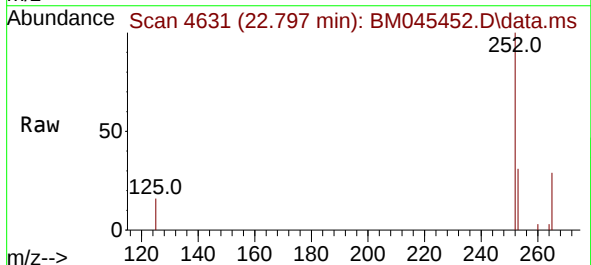
Instrument :
BNA_M
ClientSampleId :
SLCS291

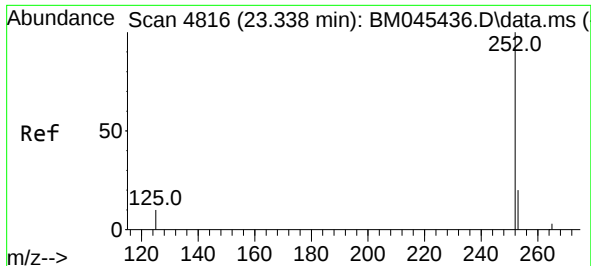
Tgt Ion:252	Resp:	2915
Ion Ratio	Lower	Upper
252	100	
253	31.3	0.0 63.4
125	17.6	0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.797 min Scan# 4631
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:252	Resp:	3727
Ion Ratio	Lower	Upper
252	100	
253	31.0	25.4 38.0
125	16.3	14.8 22.2

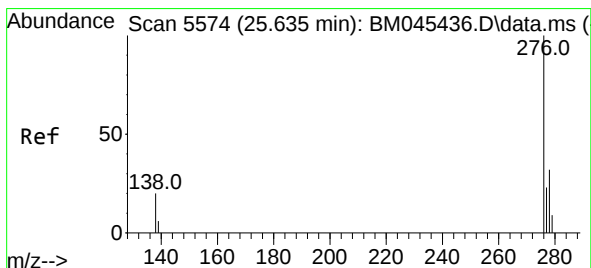
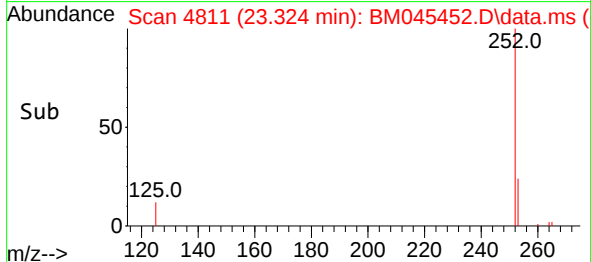
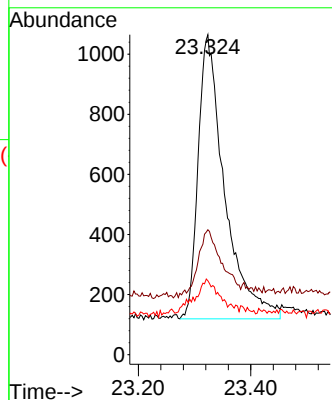
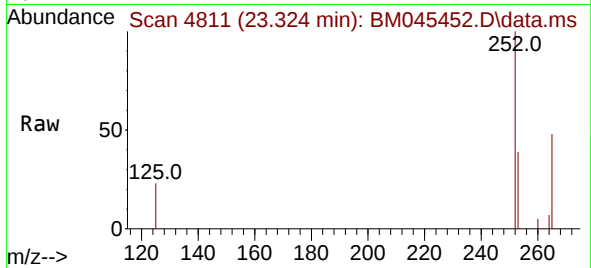




#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 23.324 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

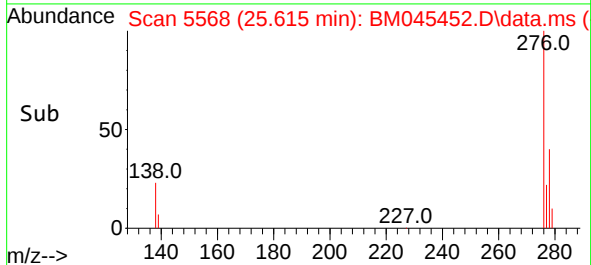
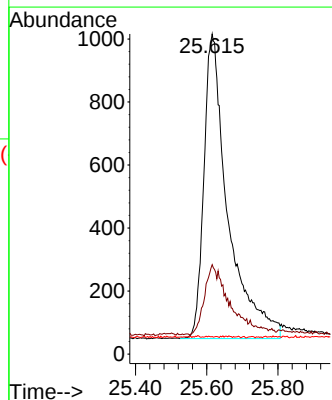
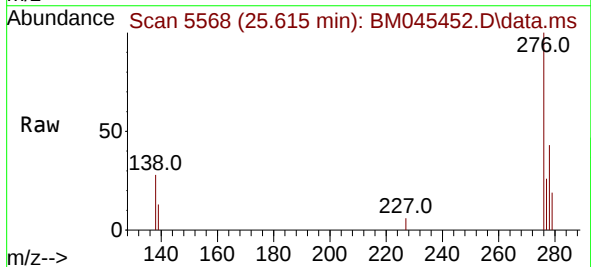
Instrument :
BNA_M
ClientSampleId :
SLCS291

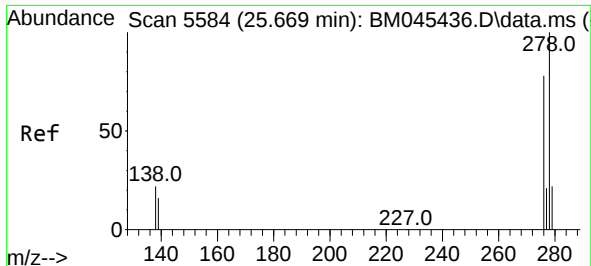
Tgt Ion:252	Resp:	3088
Ion	Ratio	Lower Upper
252	100	
253	39.1	31.6 47.4
125	23.1	19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 25.615 min Scan# 5568
Delta R.T. -0.013 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:276	Resp:	4543
Ion	Ratio	Lower Upper
276	100	
138	24.7	19.8 29.6
227	0.0	0.2 0.2

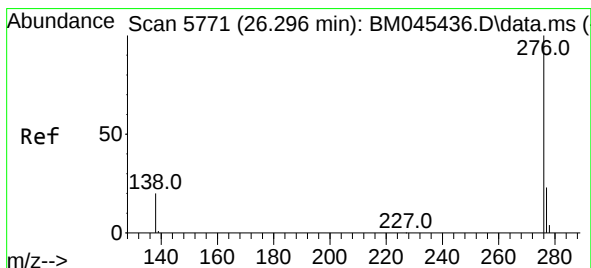
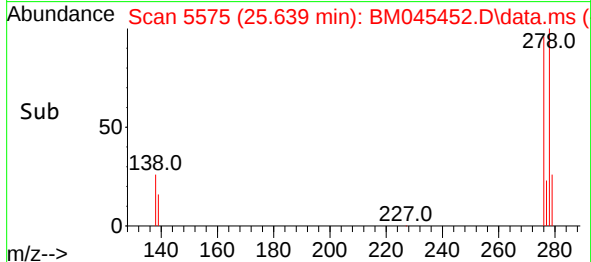
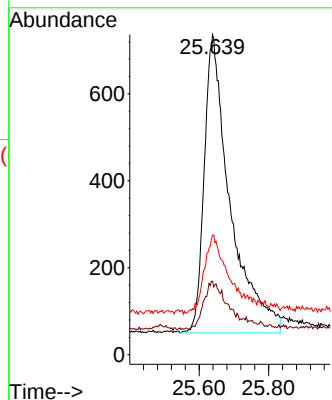
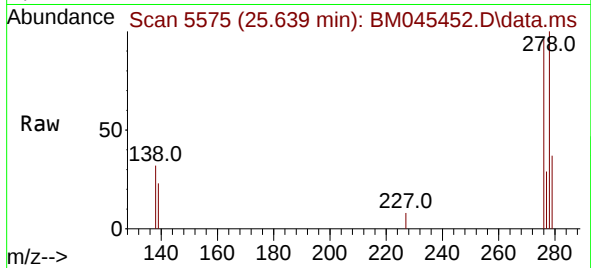




#28
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.639 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS291

Tgt Ion:278 Resp: 3556
Ion Ratio Lower Upper
278 100
139 23.0 19.0 28.6
279 37.4 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.013 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:276 Resp: 4039
Ion Ratio Lower Upper
276 100
138 25.8 20.8 31.2
277 27.5 21.8 32.8

