

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046221.D
 Acq On : 23 Jun 2024 05:56
 Operator : MA/JU
 Sample : PB161649BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS649

Quant Time: Jun 23 06:28:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 23 01:31:42 2024
 Response via : Initial Calibration

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

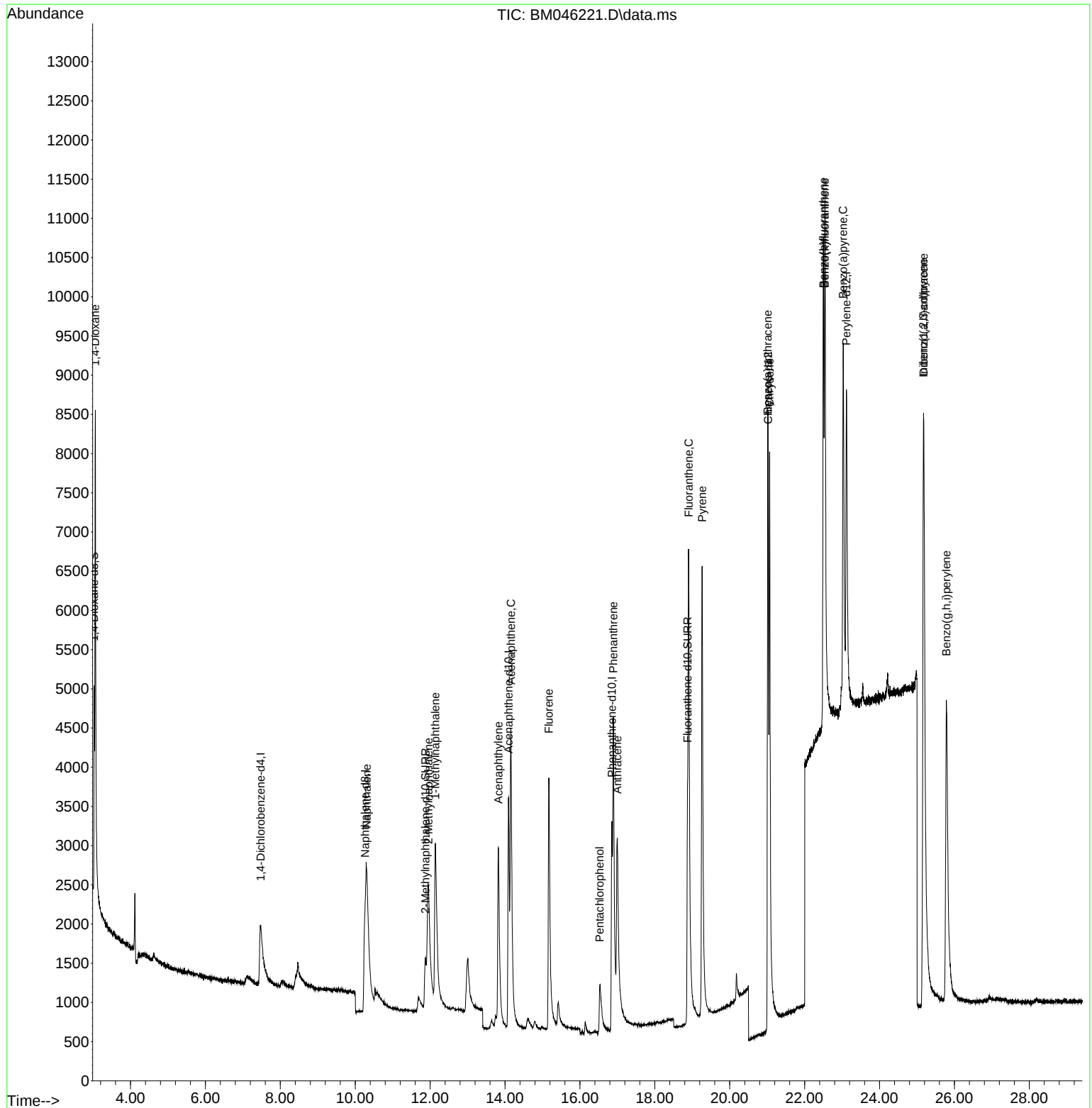
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	1650	0.400	ng/ul	0.01
4) Naphthalene-d8	10.266	136	5728	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.095	164	3484	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.854	188	6473	0.400	ng/ul	0.00
17) Chrysene-d12	21.026	240	5241	0.400	ng/ul	-0.02
23) Perylene-d12	23.115	264	6972	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1633	0.721	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.871	152	2852	0.371	ng/ul	0.00
18) Fluoranthene-d10	18.872	212	5907	0.376	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.059	88	4267	1.681	ng/ul#	78
5) Naphthalene	10.310	128	5596	0.350	ng/ul	93
7) 2-Methylnaphthalene	11.954	142	3124	0.347	ng/ul	97
8) 1-Methylnaphthalene	12.141	142	3745	0.380	ng/ul	97
10) Acenaphthylene	13.822	152	5989	0.362	ng/ul	97
11) Acenaphthene	14.155	153	4381	0.367	ng/ul	98
12) Fluorene	15.168	166	4529	0.354	ng/ul	97
14) Pentachlorophenol	16.529	266	1299	0.670	ng/ul	97
15) Phenanthrene	16.892	178	6576	0.362	ng/ul	98
16) Anthracene	16.998	178	4664	0.344	ng/ul	97
19) Fluoranthene	18.905	202	8969	0.395	ng/ul	98
20) Pyrene	19.262	202	9405	0.383	ng/ul	99
21) Benzo(a)anthracene	21.014	228	7173	0.354	ng/ul	99
22) Chrysene	21.064	228	9733	0.377	ng/ul	100
24) Benzo(b)fluoranthene	22.501	252	8971	0.357	ng/ul	98
25) Benzo(k)fluoranthene	22.542	252	11735	0.393	ng/ul	99
26) Benzo(a)pyrene	23.031	252	9453	0.406	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.172	276	13025	0.342	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.182	278	10149	0.358	ng/ul	99
29) Benzo(g,h,i)perylene	25.786	276	11211	0.343	ng/ul	98

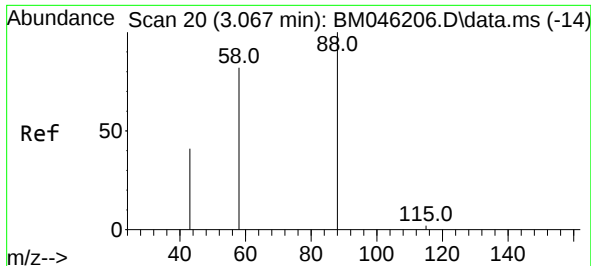
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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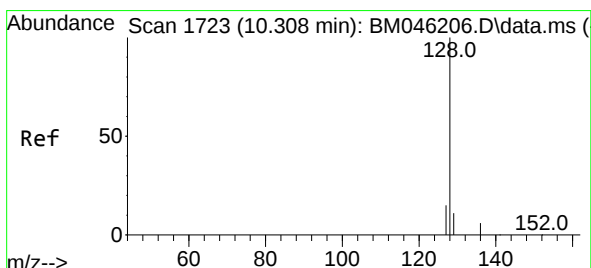
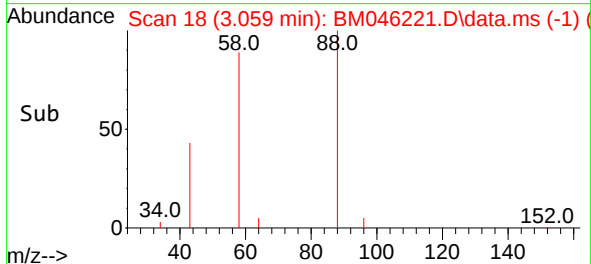
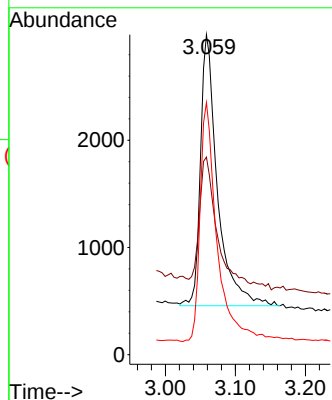
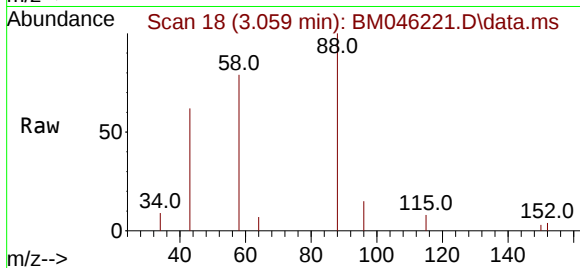




#2
1,4-Dioxane
Concen: 1.681 ng/ul
RT: 3.059 min Scan# 18
Delta R.T. -0.017 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

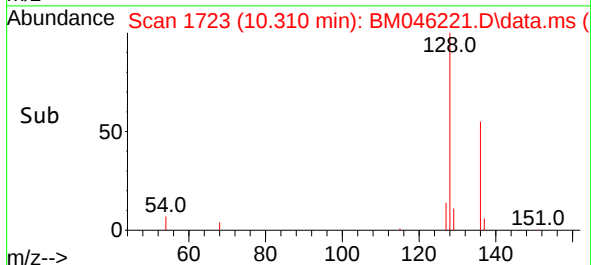
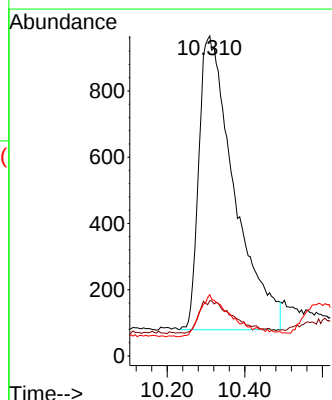
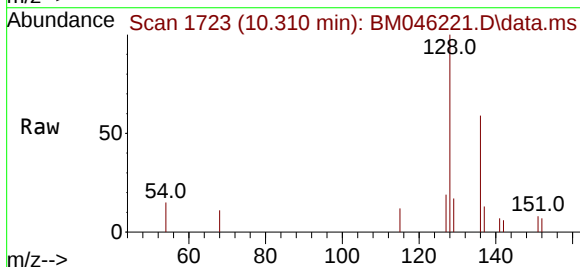
Instrument :
BNA_M
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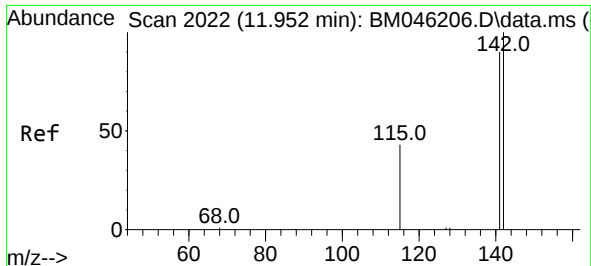
Tgt Ion: 88 Resp: 4267
Ion Ratio Lower Upper
88 100
43 61.8 69.8 104.8#
58 78.8 53.2 79.8



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. 0.007 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

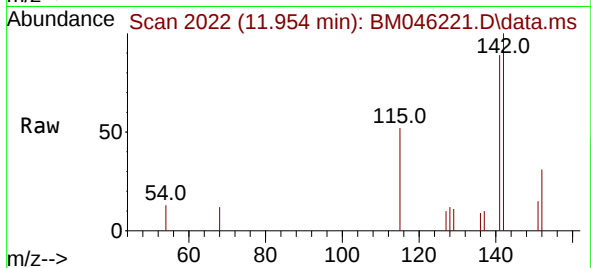
Tgt Ion: 128 Resp: 5596
Ion Ratio Lower Upper
128 100
129 17.3 11.8 17.6
127 19.2 12.8 19.2



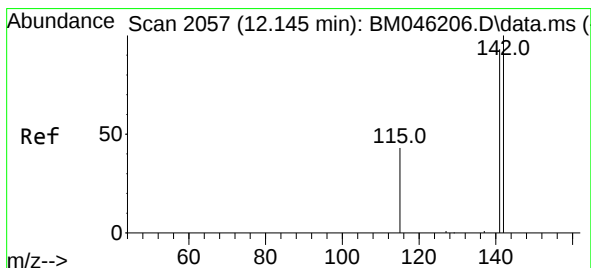
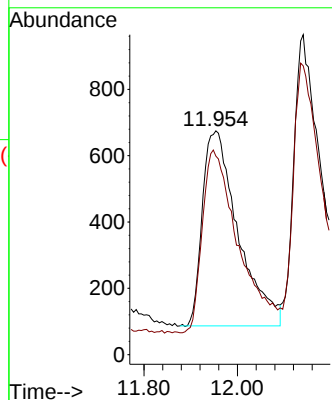
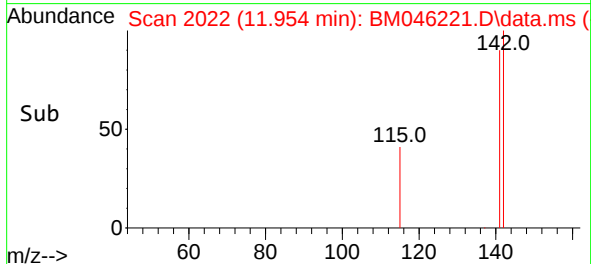


#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.954 min Scan# 2022
Delta R.T. 0.007 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

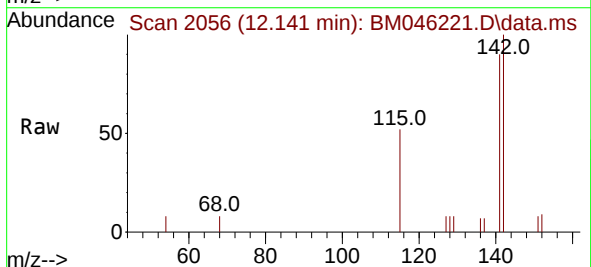
Instrument :
BNA_M
ClientSampleId :
SLCS649



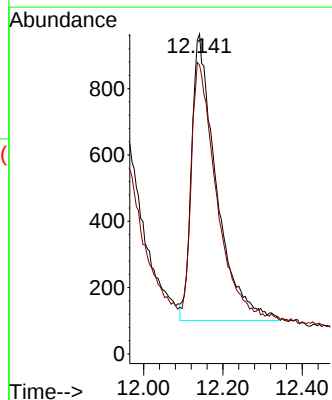
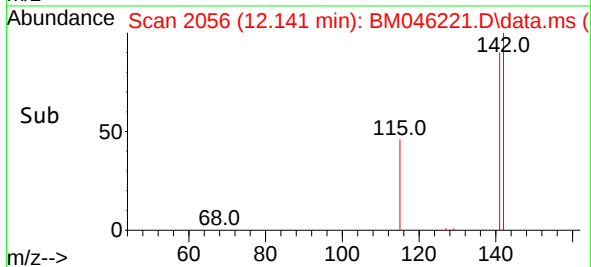
Tgt Ion:142 Resp: 3124
Ion Ratio Lower Upper
142 100
141 96.5 74.6 111.8

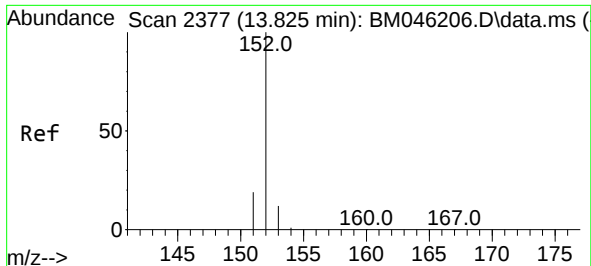


#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56



Tgt Ion:142 Resp: 3745
Ion Ratio Lower Upper
142 100
141 91.1 75.2 112.8

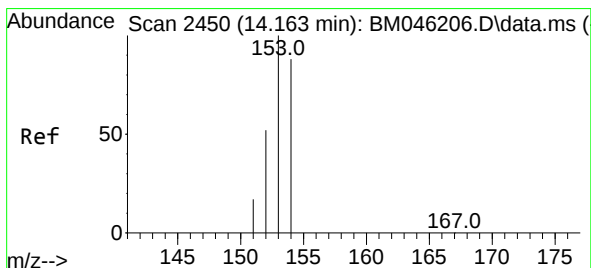
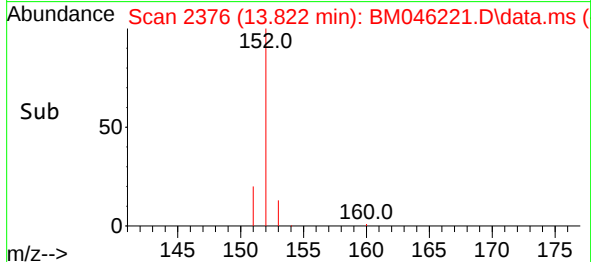
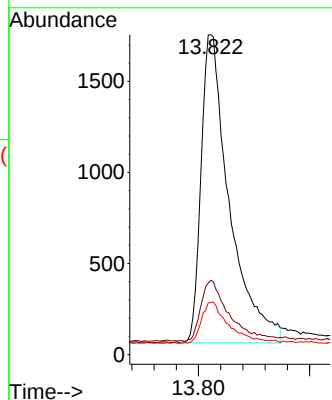
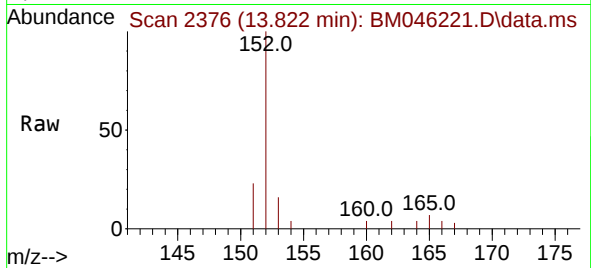




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

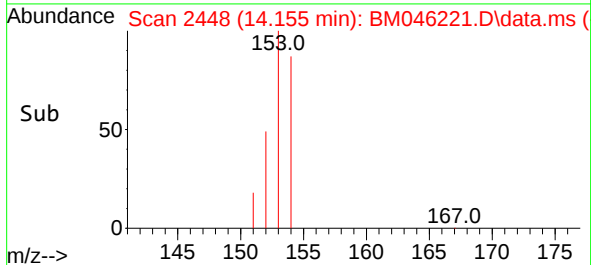
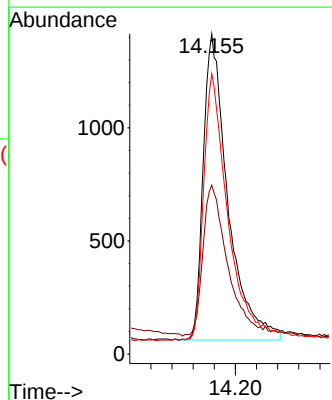
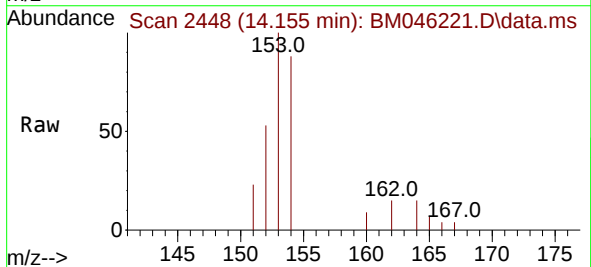
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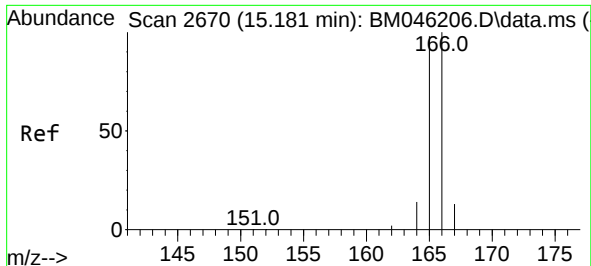
Tgt Ion:152 Resp: 5989
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.2
153 16.3 11.8 17.8



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.017 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:153 Resp: 4381
Ion Ratio Lower Upper
153 100
152 52.7 41.3 61.9
154 87.6 68.2 102.4

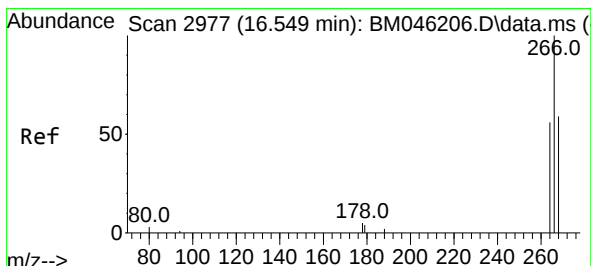
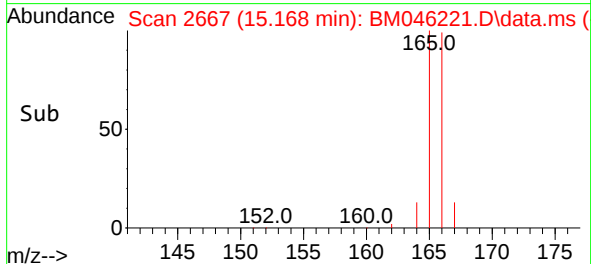
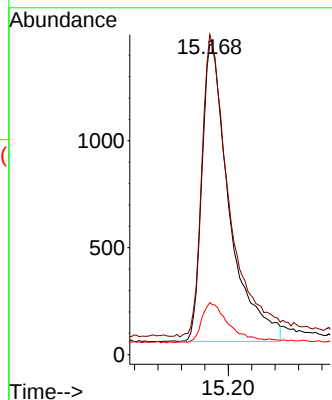
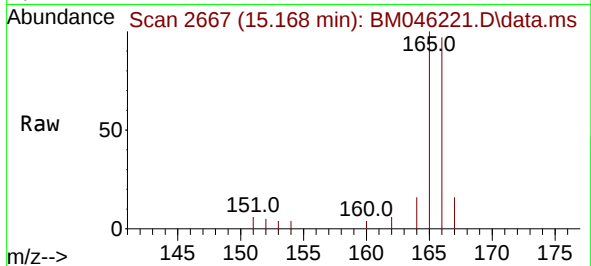




#12
 Fluorene
 Concen: 0.354 ng/ul
 RT: 15.168 min Scan# 2667
 Delta R.T. -0.013 min
 Lab File: BM046221.D
 Acq: 23 Jun 2024 05:56

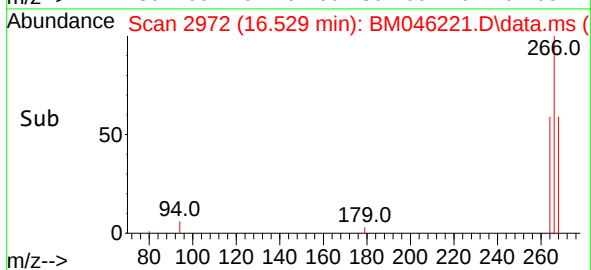
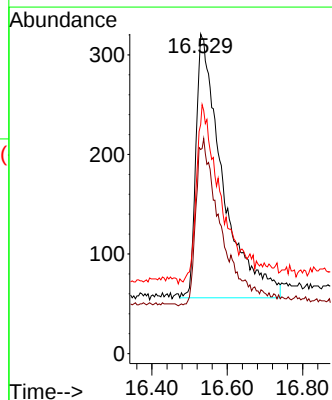
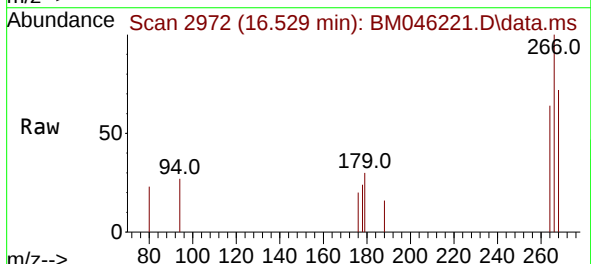
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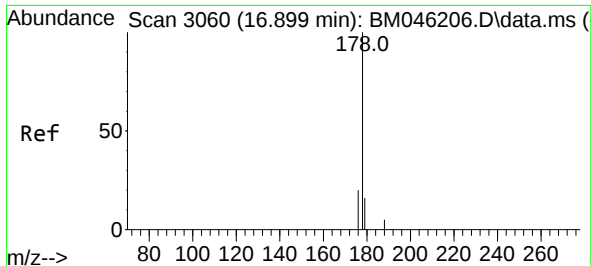
Tgt Ion:166 Resp: 4529
 Ion Ratio Lower Upper
 166 100
 165 103.0 80.4 120.6
 167 16.8 12.4 18.6



#14
 Pentachlorophenol
 Concen: 0.670 ng/ul
 RT: 16.529 min Scan# 2972
 Delta R.T. -0.037 min
 Lab File: BM046221.D
 Acq: 23 Jun 2024 05:56

Tgt Ion:266 Resp: 1299
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.9 76.3
 268 68.7 52.3 78.5

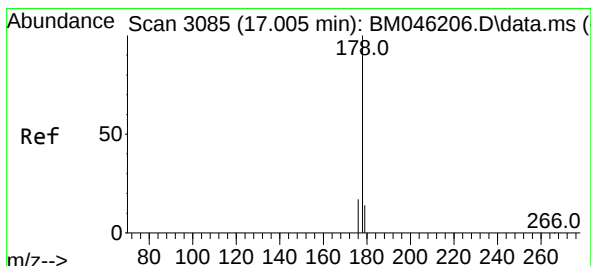
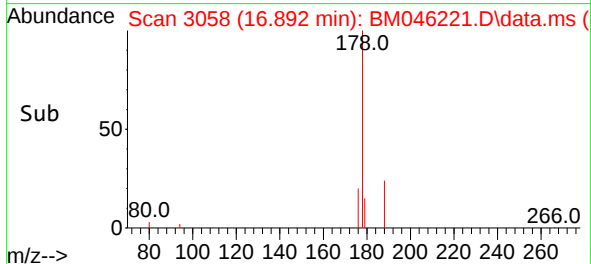
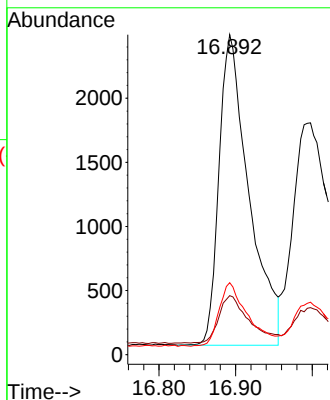
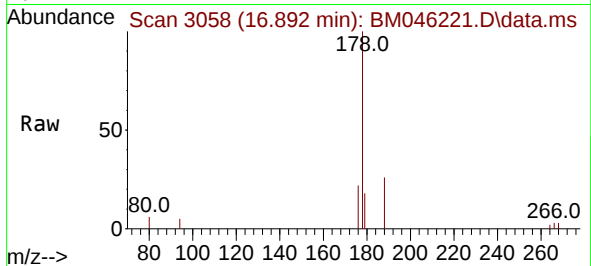




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.011 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

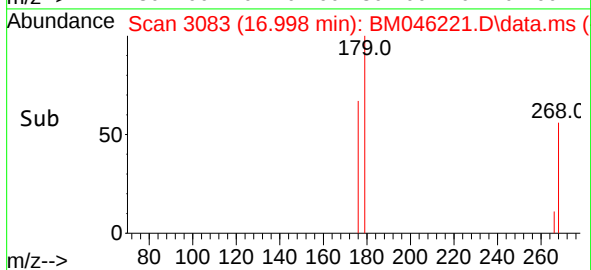
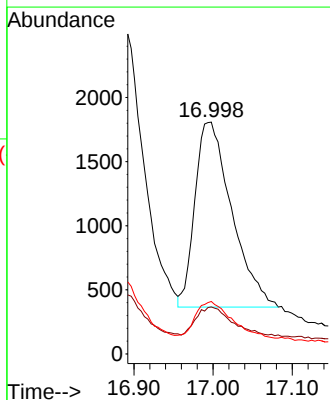
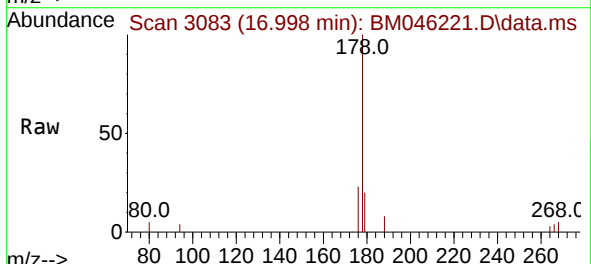
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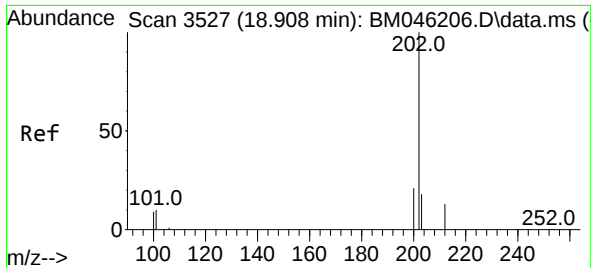
Tgt Ion:178 Resp: 6576
Ion Ratio Lower Upper
178 100
179 18.5 14.2 21.2
176 22.5 17.1 25.7



#16
Anthracene
Concen: 0.344 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.007 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:178 Resp: 4664
Ion Ratio Lower Upper
178 100
179 20.3 14.9 22.3
176 22.6 17.0 25.4

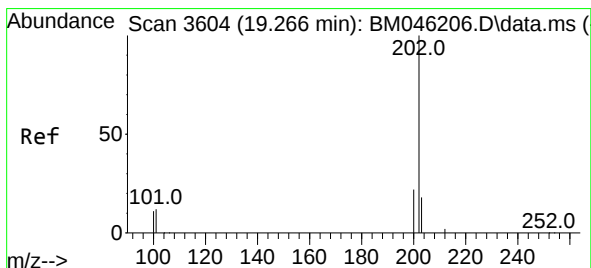
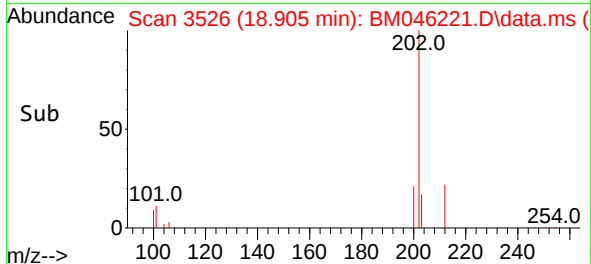
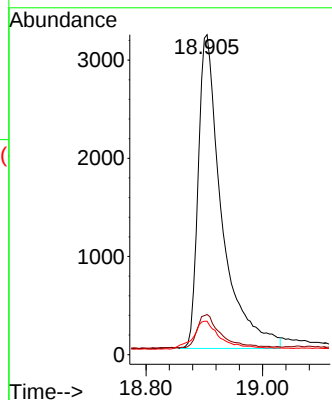
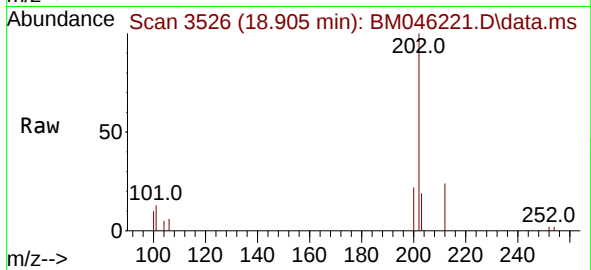




#19
Fluoranthene
Concen: 0.395 ng/u1
RT: 18.905 min Scan# 31
Delta R.T. -0.013 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

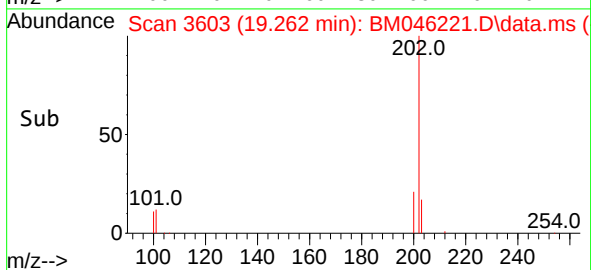
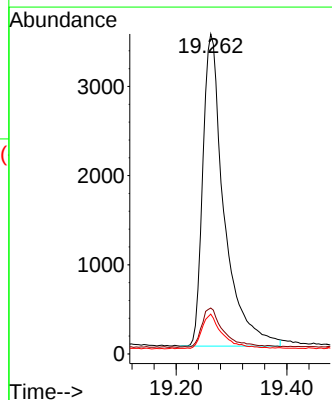
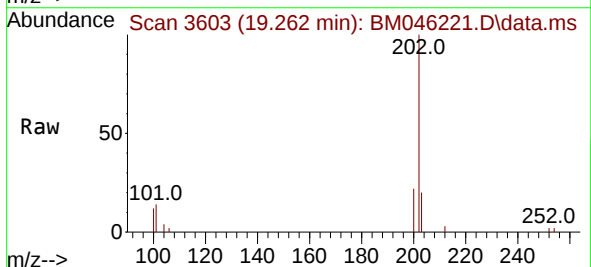
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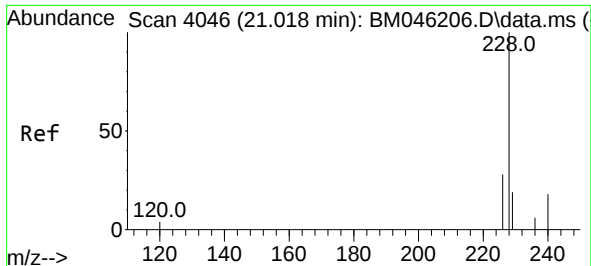
Tgt Ion:	202	Resp:	8969
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.6	14.4
100	10.4	7.6	11.4



#20
Pyrene
Concen: 0.383 ng/u1
RT: 19.262 min Scan# 3603
Delta R.T. -0.013 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

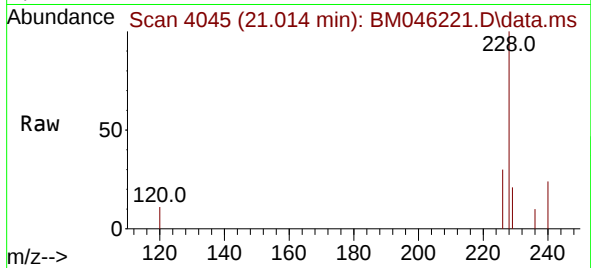
Tgt Ion:	202	Resp:	9405
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.3	16.9
100	12.4	9.8	14.6



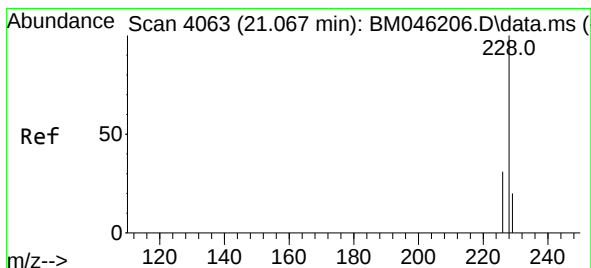
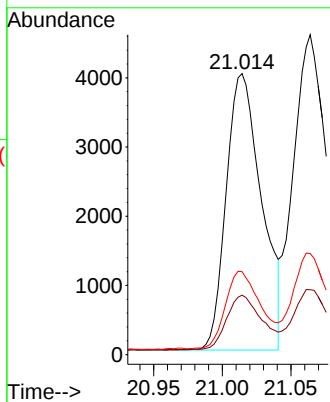
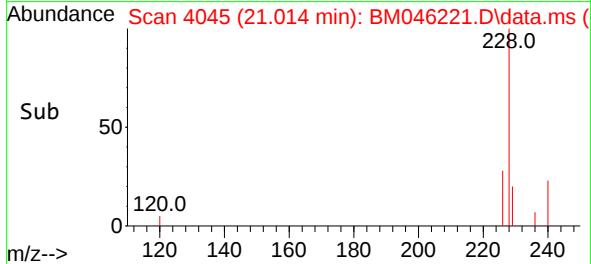


#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.014 min Scan# 4046
Delta R.T. -0.015 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Instrument :
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ClientSampleId :
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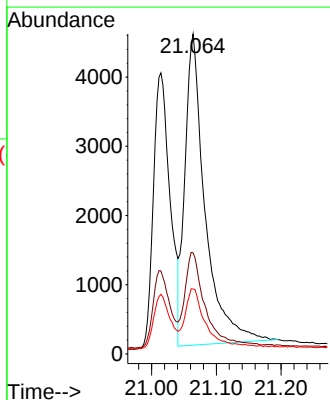
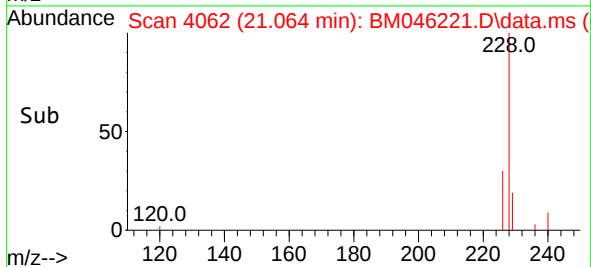
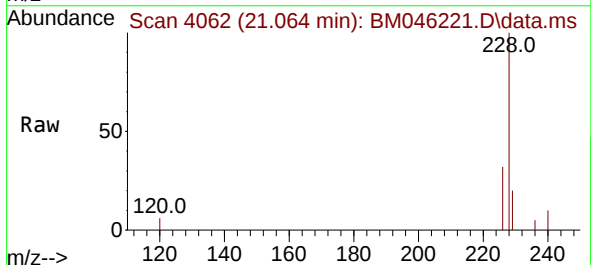


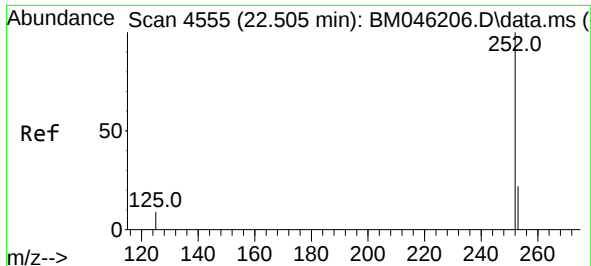
Tgt Ion:	228	Resp:	7173
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.4	24.6
226	29.5	23.4	35.2



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:	228	Resp:	9733
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.2	37.8
229	20.3	16.3	24.5

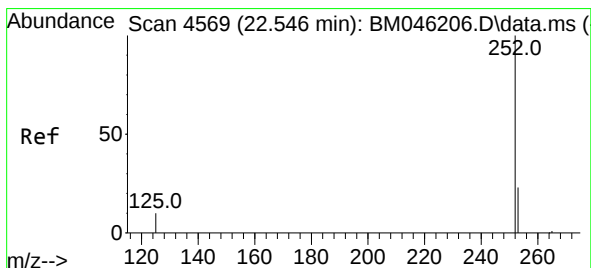
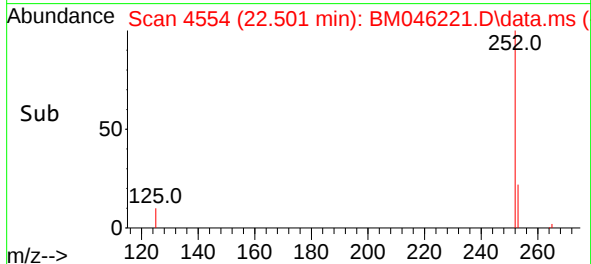
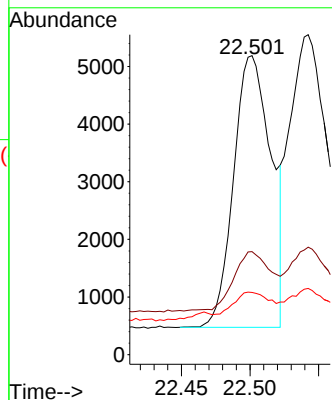
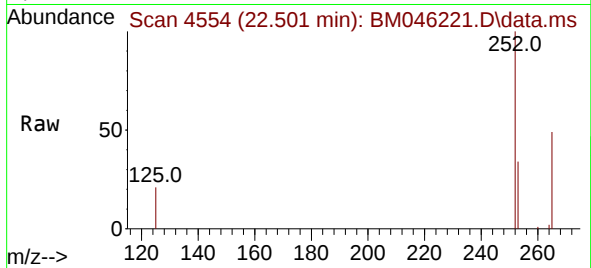




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.501 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

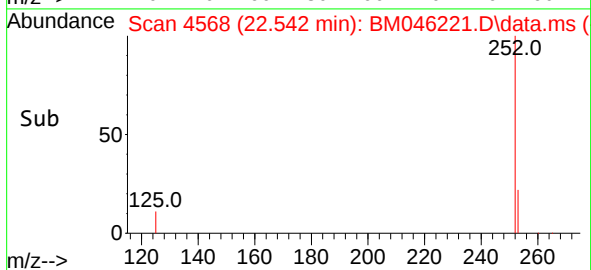
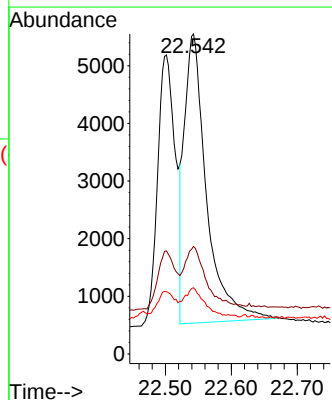
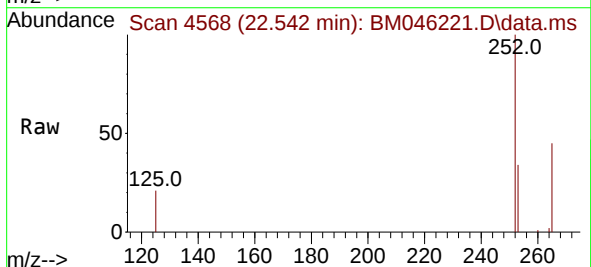
Instrument :
BNA_M
ClientSampleId :
SLCS649

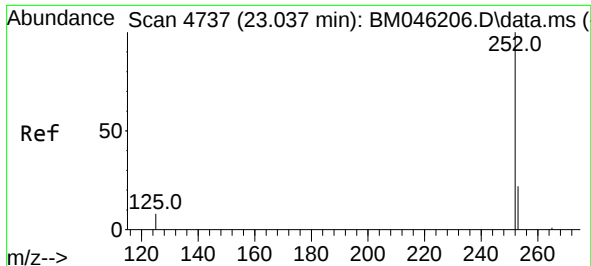
Tgt Ion:252 Resp: 8971
Ion Ratio Lower Upper
252 100
253 34.5 0.0 65.8
125 20.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.542 min Scan# 4568
Delta R.T. -0.021 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:252 Resp: 11735
Ion Ratio Lower Upper
252 100
253 33.6 27.2 40.8
125 20.7 16.6 25.0

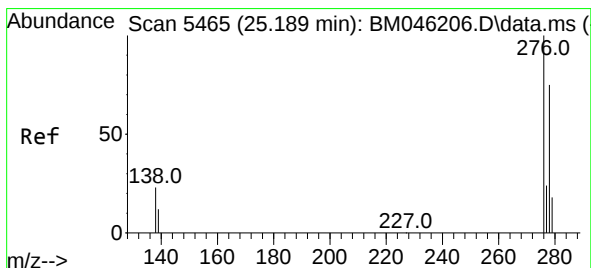
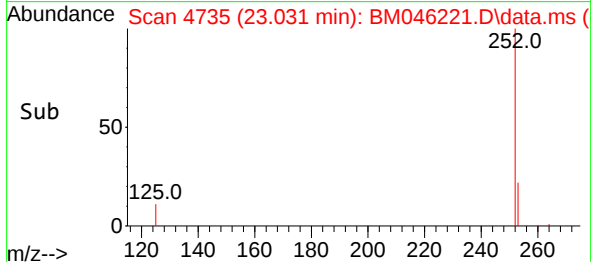
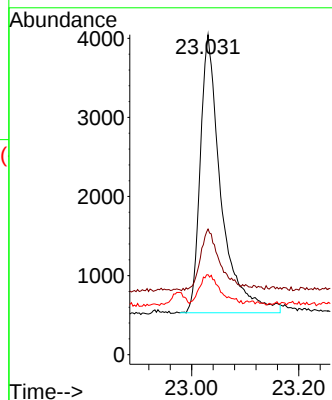
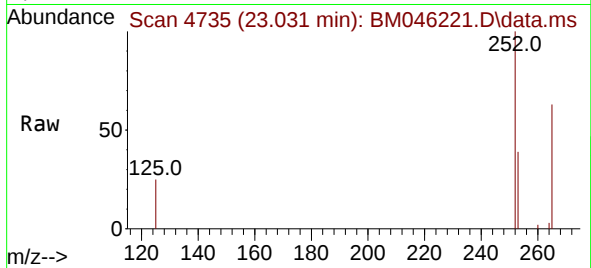




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.024 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

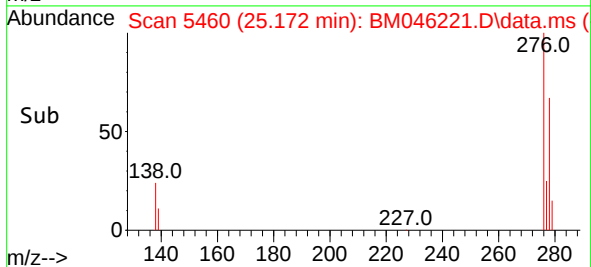
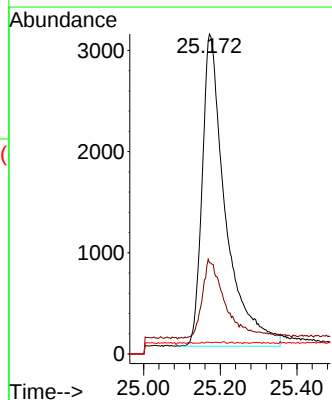
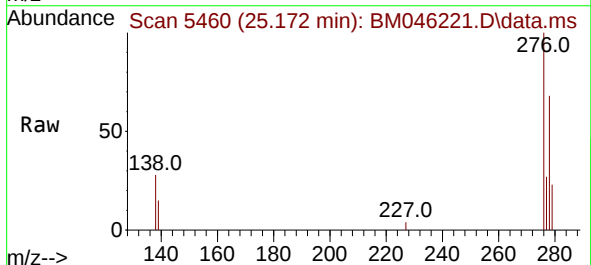
Instrument :
BNA_M
ClientSampleId :
SLCS649

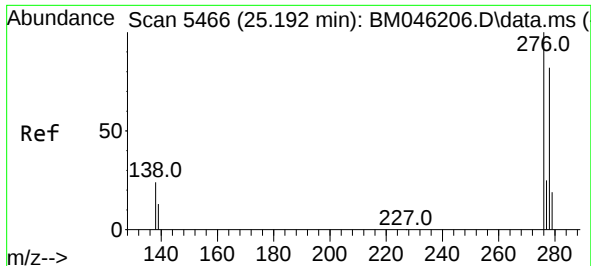
Tgt Ion:252	Resp:	9453
Ion Ratio	Lower	Upper
252	100	
253	39.3	32.1 48.1
125	25.0	21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.031 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:276	Resp:	13025
Ion Ratio	Lower	Upper
276	100	
138	25.4	21.0 31.4
227	0.2	0.0 0.0

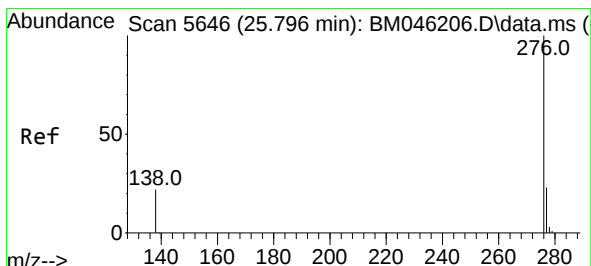
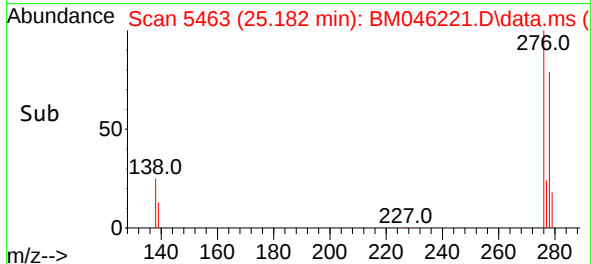
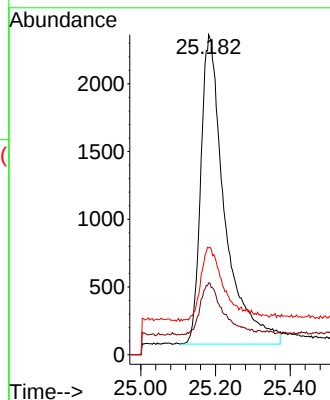
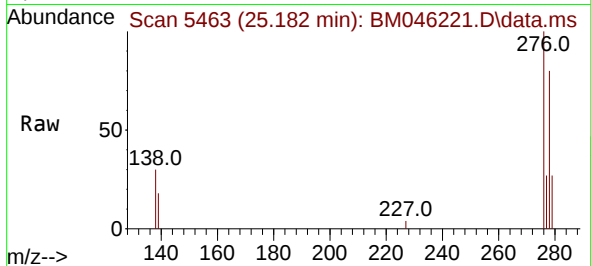




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.034 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Instrument :
BNA_M
ClientSampleId :
SLCS649

Tgt Ion:	278	Resp:	10149
Ion Ratio	Lower	Upper	
278	100		
139	22.5	17.6	26.4
279	33.3	26.3	39.5



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 25.786 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046221.D
Acq: 23 Jun 2024 05:56

Tgt Ion:	276	Resp:	11211
Ion Ratio	Lower	Upper	
276	100		
138	26.4	21.7	32.5
277	26.9	20.4	30.6

