

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037072.D
 Acq On : 15 Oct 2022 02:12
 Operator : CG/JU
 Sample : PB148257BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS257

Quant Time: Oct 15 03:21:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

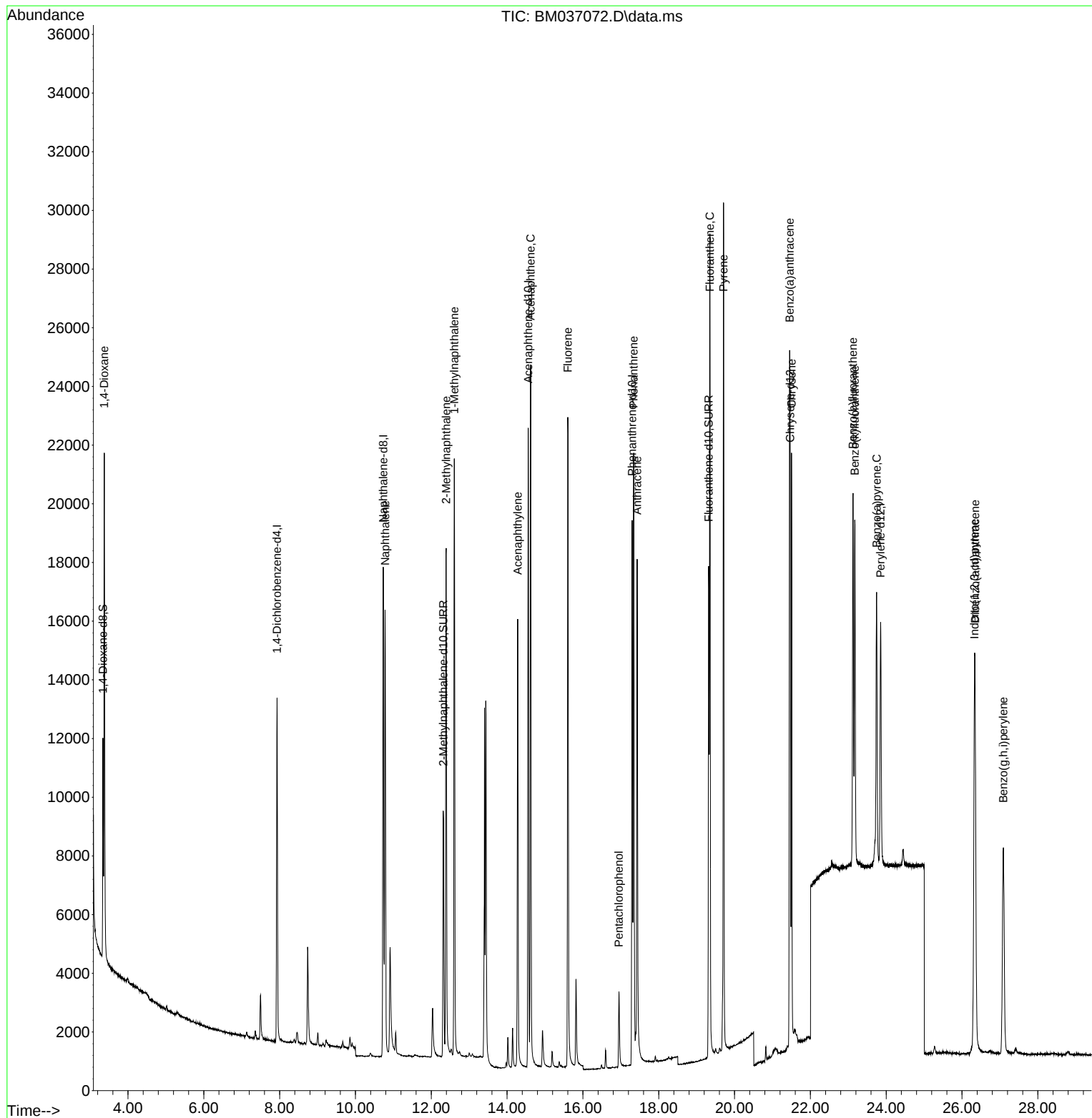
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22758	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	12399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23336	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	14157	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	11841	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4834	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	11767	0.342	ng/ul	-0.01
18) Fluoranthene-d10	19.317	212	18800	0.444	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	11553	1.347	ng/ul#	80
5) Naphthalene	10.782	128	21228	0.326	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	13232	0.332	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	14114	0.349	ng/ul	99
10) Acenaphthylene	14.279	152	18097	0.351	ng/ul	99
11) Acenaphthene	14.621	153	14453	0.323	ng/ul	99
12) Fluorene	15.602	166	15375	0.303	ng/ul	99
14) Pentachlorophenol	16.950	266	2115	0.374	ng/ul	98
15) Phenanthrene	17.339	178	23820	0.320	ng/ul	99
16) Anthracene	17.432	178	20935	0.336	ng/ul	99
19) Fluoranthene	19.350	202	24030	0.427	ng/ul	98
20) Pyrene	19.708	202	24342	0.415	ng/ul	100
21) Benzo(a)anthracene	21.450	228	17954	0.351	ng/ul	100
22) Chrysene	21.503	228	17794	0.324	ng/ul	100
24) Benzo(b)fluoranthene	23.125	252	16345	0.309	ng/ul	95
25) Benzo(k)fluoranthene	23.172	252	15865	0.308	ng/ul	97
26) Benzo(a)pyrene	23.748	252	14352	0.334	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.326	276	18402	0.303	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.343	278	14538	0.296	ng/ul	94
29) Benzo(g,h,i)perylene	27.091	276	15583	0.291	ng/ul	100

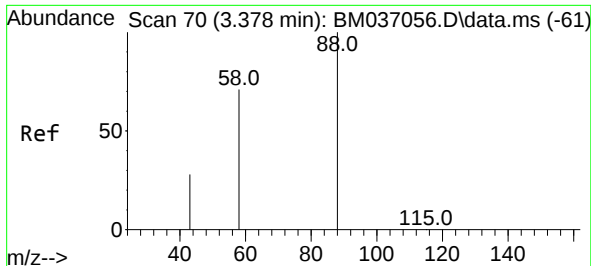
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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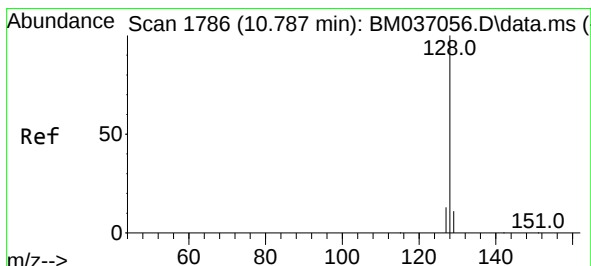
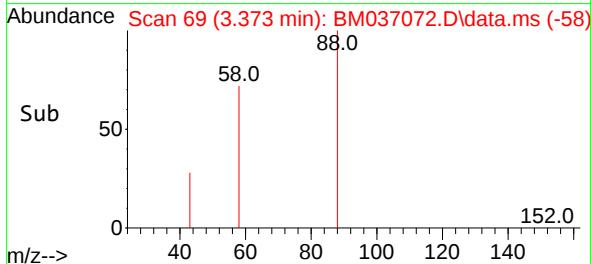
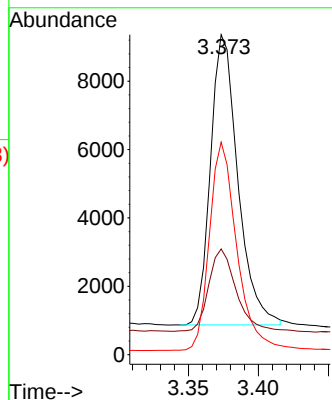
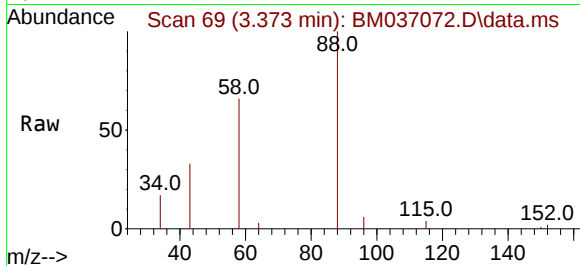




#2
1,4-Dioxane
Concen: 1.347 ng/ul
RT: 3.373 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

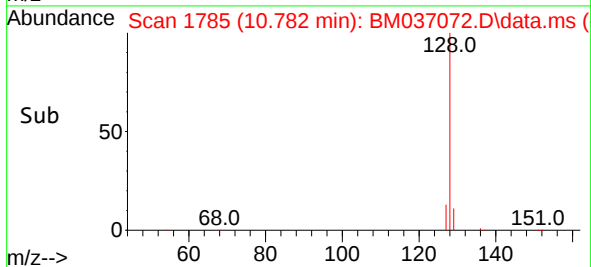
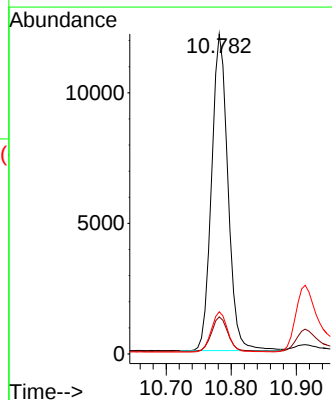
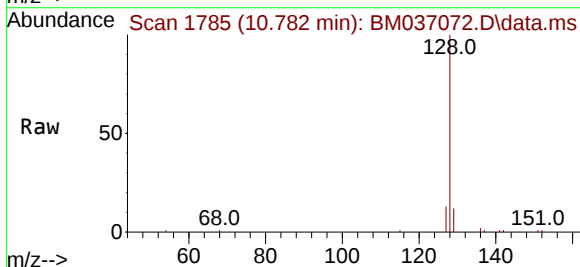
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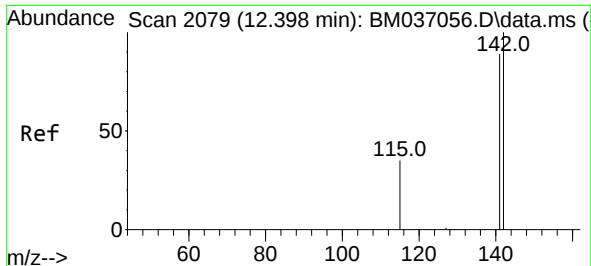
Tgt Ion: 88 Resp: 11553
Ion Ratio Lower Upper
88 100
43 33.0 37.8 56.6#
58 66.4 42.6 63.8#



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion: 128 Resp: 21228
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.2 11.7 17.5

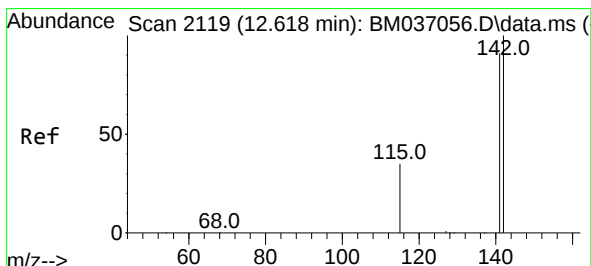
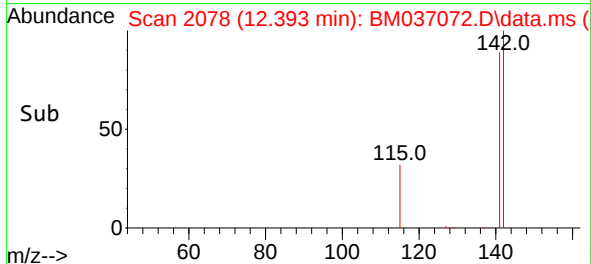
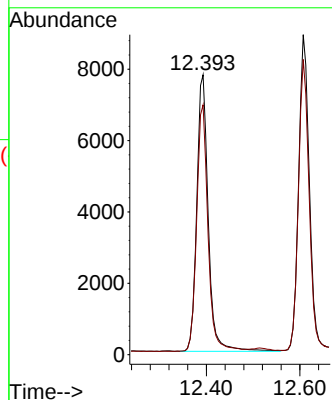
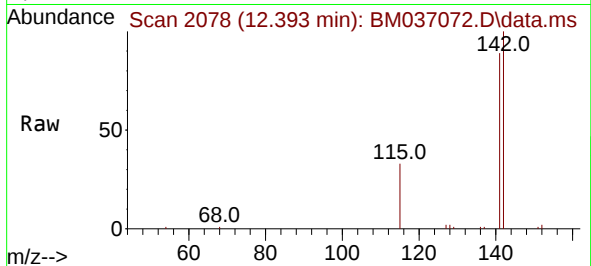




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.393 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

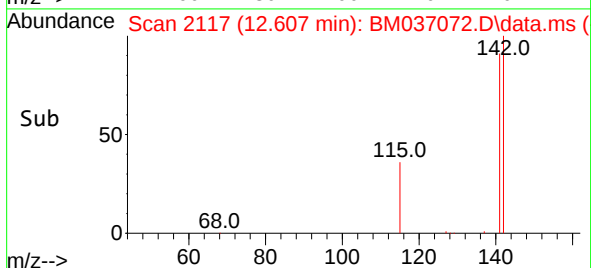
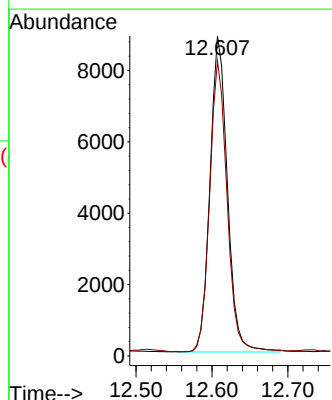
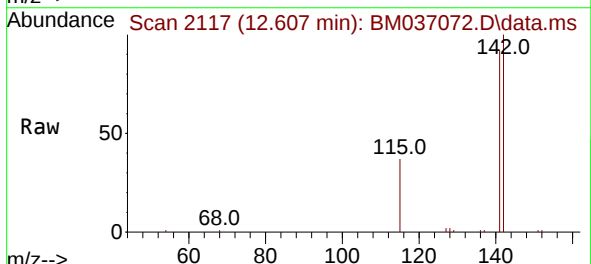
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ClientSampleId :
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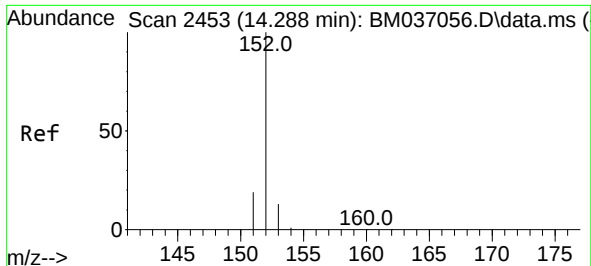
Tgt Ion:142 Resp: 13232
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:142 Resp: 14114
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

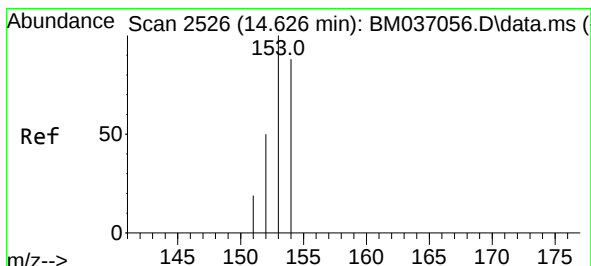
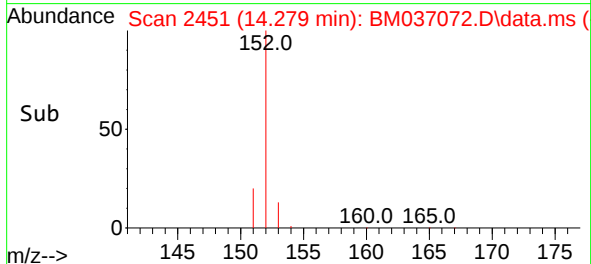
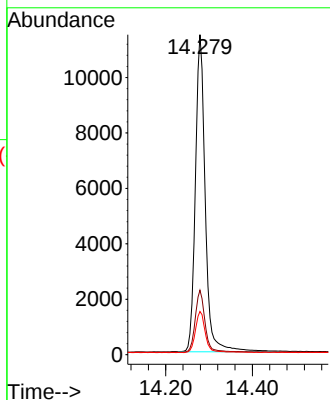
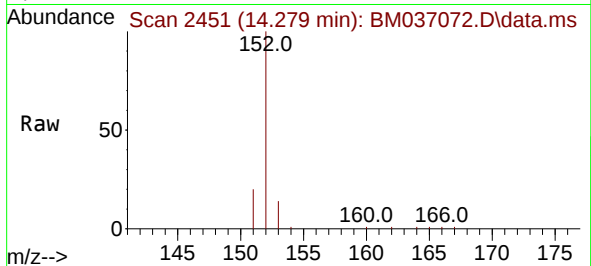




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

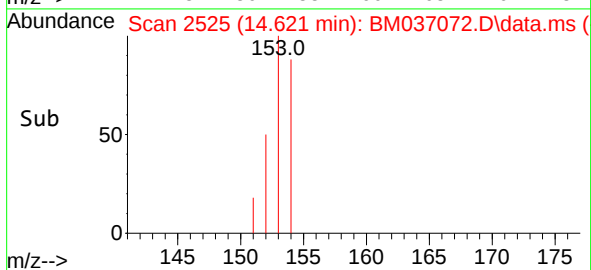
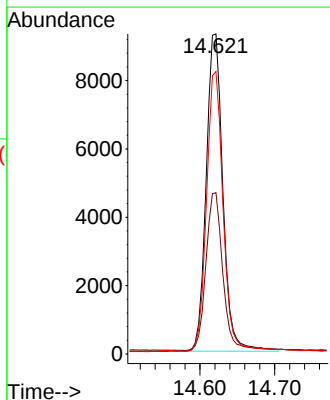
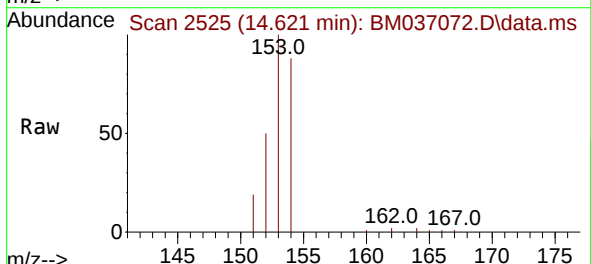
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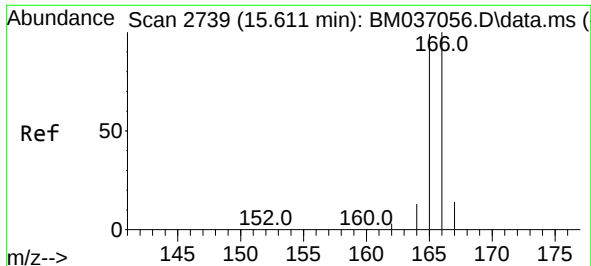
Tgt Ion:152 Resp: 18097
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:153 Resp: 14453
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 88.2 69.7 104.5

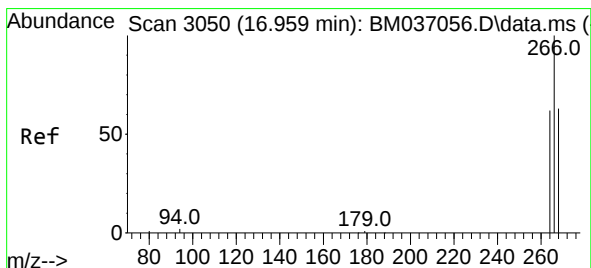
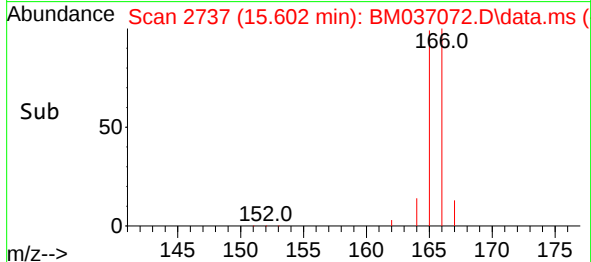
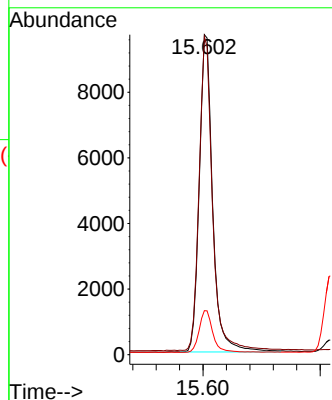
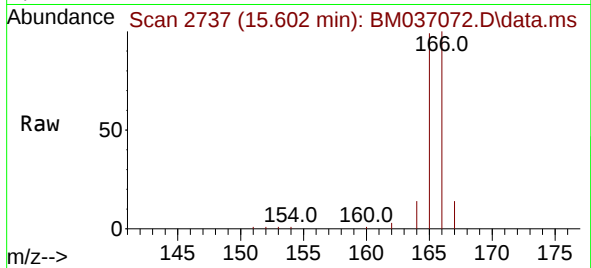




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

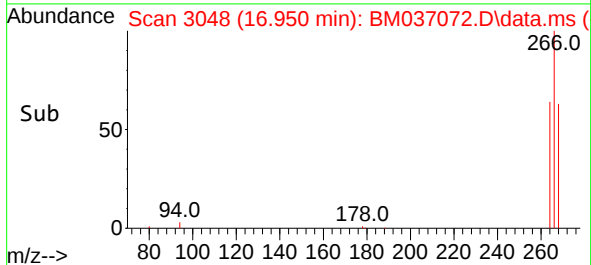
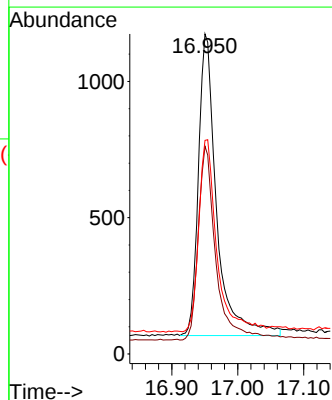
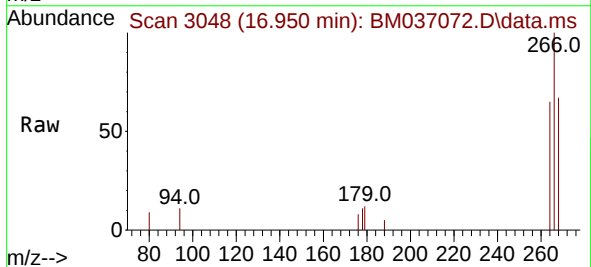
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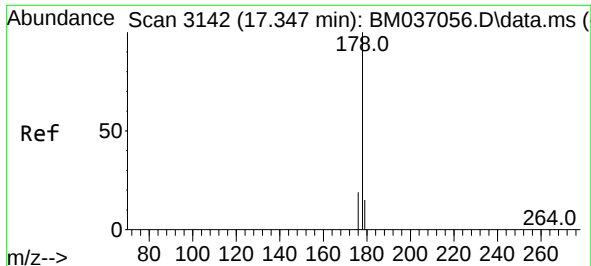
Tgt Ion:166 Resp: 15375
Ion Ratio Lower Upper
166 100
165 99.4 78.9 118.3
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.374 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.009 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:266 Resp: 2115
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 63.5 53.5 80.3

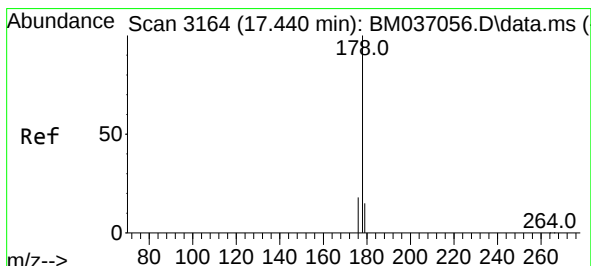
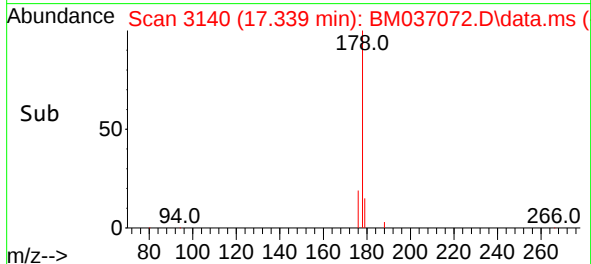
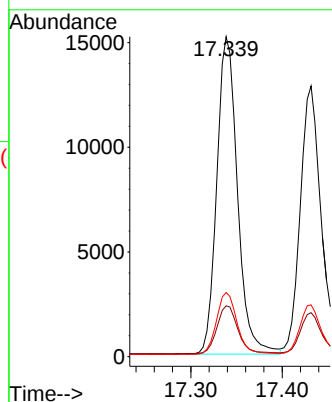
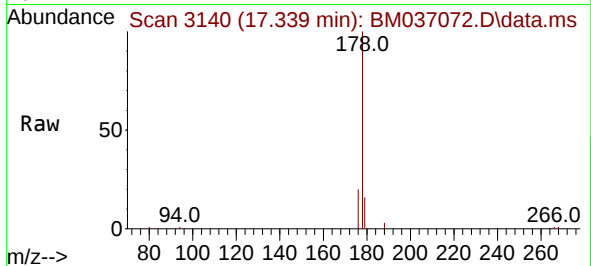




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

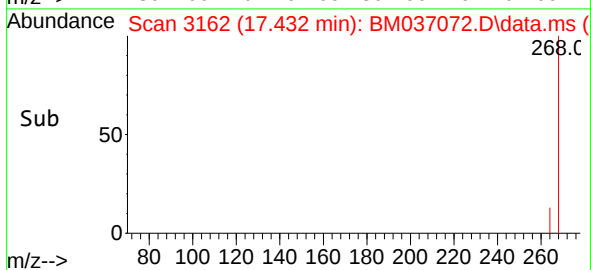
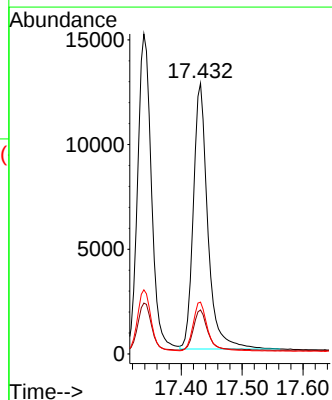
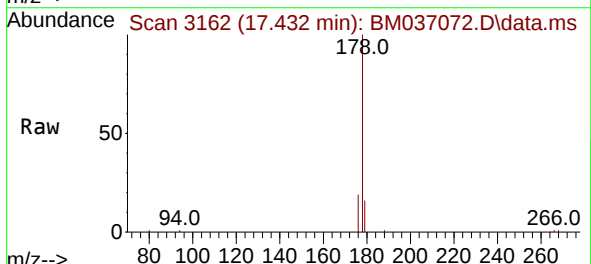
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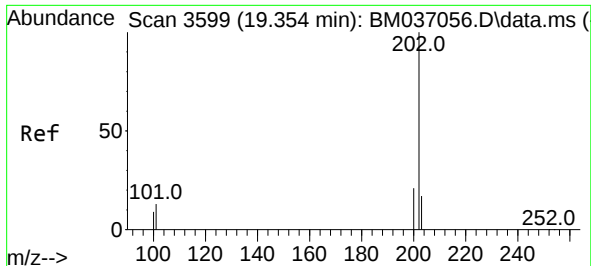
Tgt Ion:178 Resp: 23820
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:178 Resp: 20935
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.1 15.6 23.4

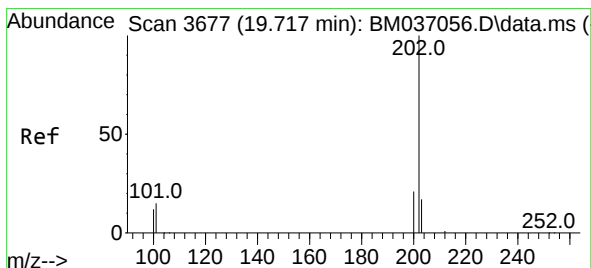
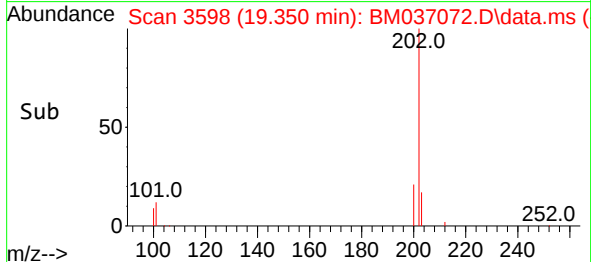
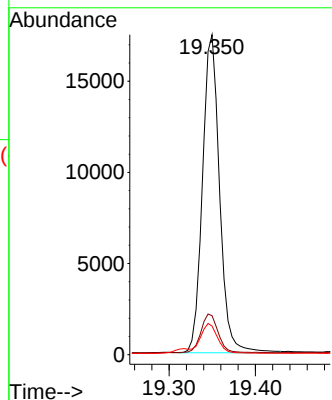
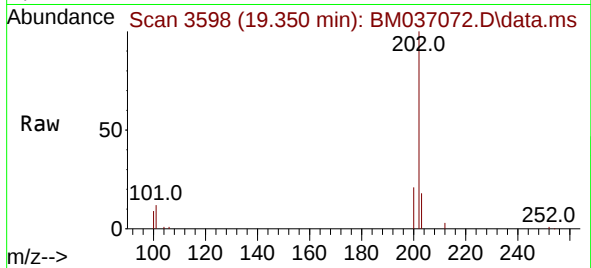




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.350 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

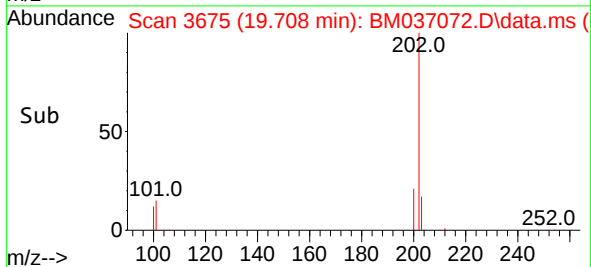
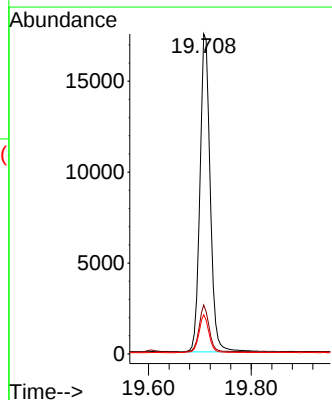
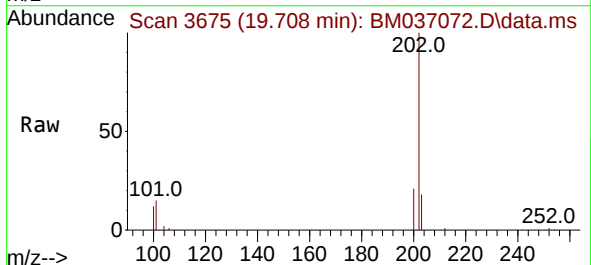
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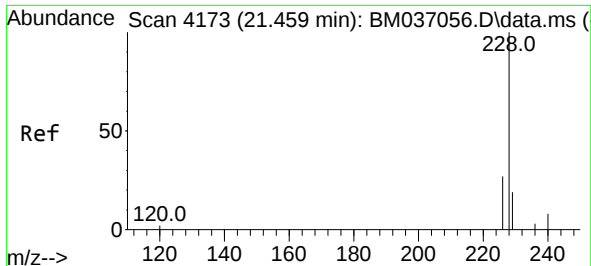
Tgt Ion:202 Resp: 24030
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 8.9 7.9 11.9



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. -0.010 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:202 Resp: 24342
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.2 9.8 14.6

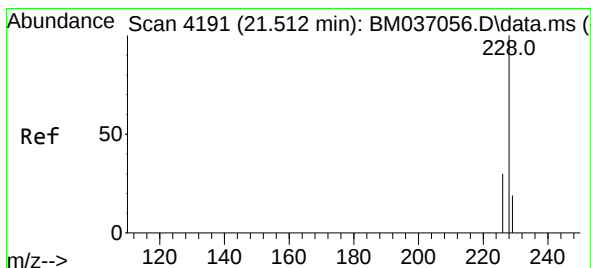
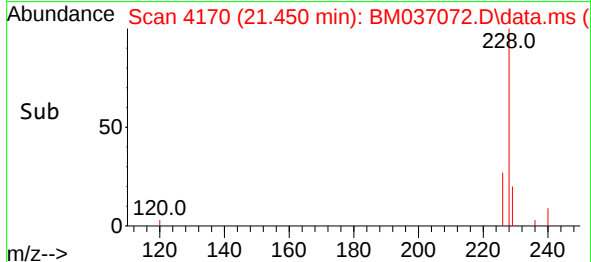
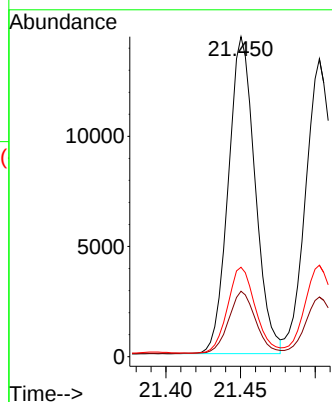
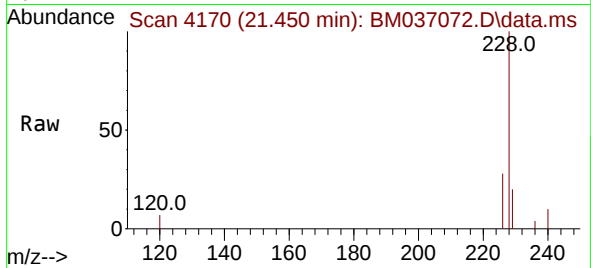




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

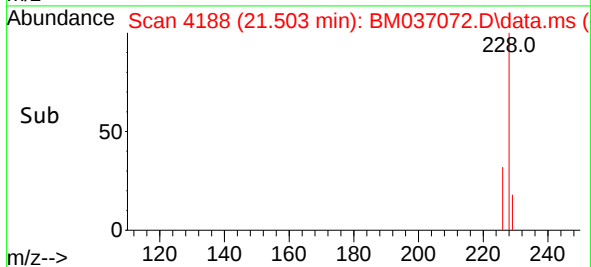
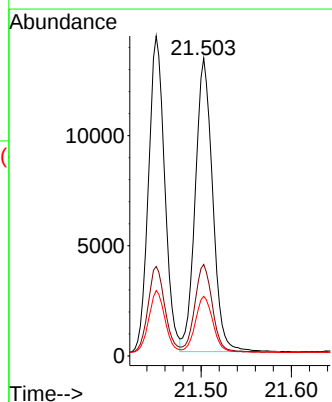
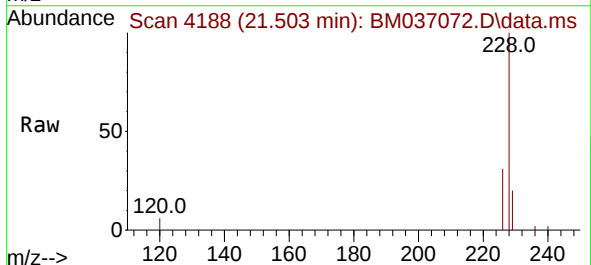
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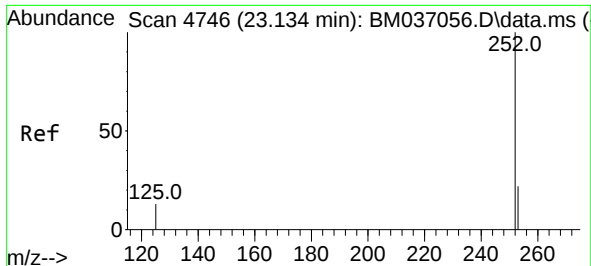
Tgt Ion:228 Resp: 17954
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. -0.008 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

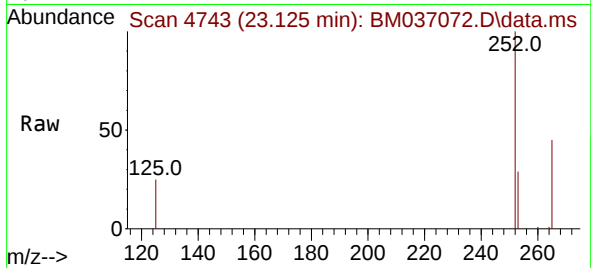
Tgt Ion:228 Resp: 17794
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.1 16.4 24.6



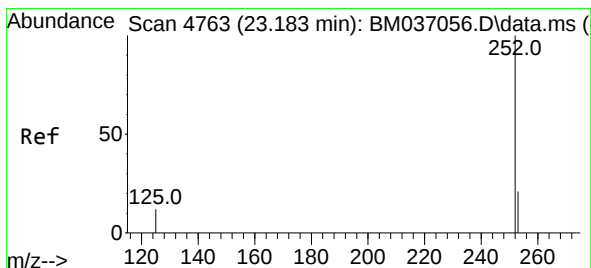
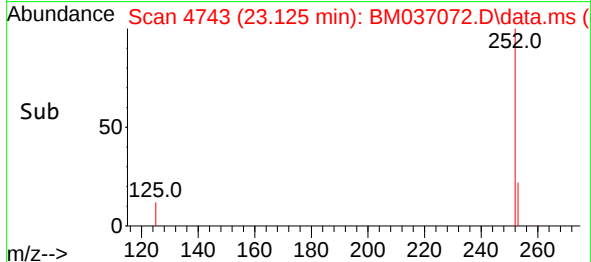
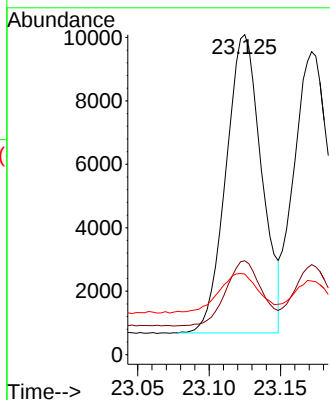


#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.125 min Scan# 4743
Delta R.T. -0.011 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Instrument :
BNA_M
ClientSampleId :
SLCS257

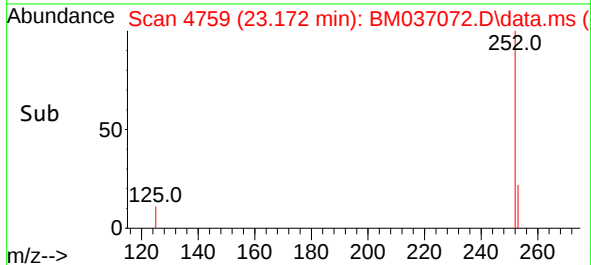
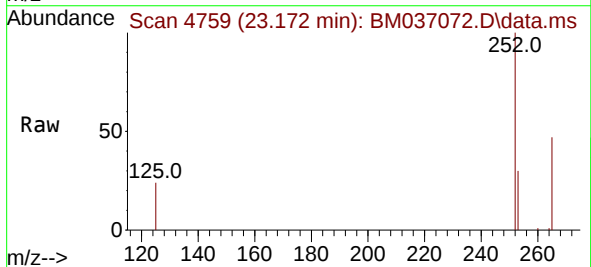
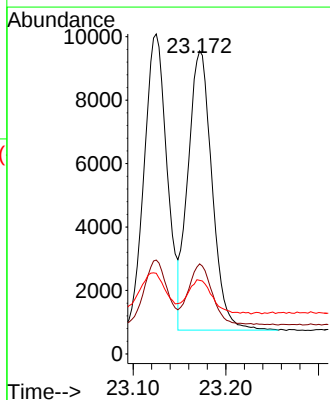


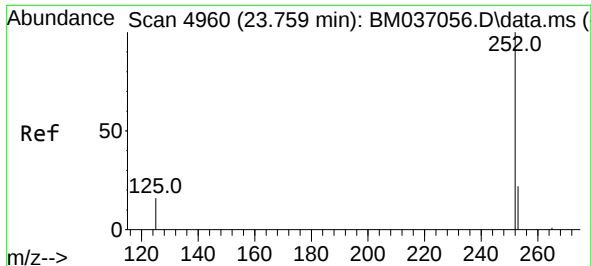
Tgt Ion:252 Resp: 16345
Ion Ratio Lower Upper
252 100
253 29.4 0.0 61.4
125 25.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.172 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:252 Resp: 15865
Ion Ratio Lower Upper
252 100
253 29.7 25.2 37.8
125 24.3 18.3 27.5

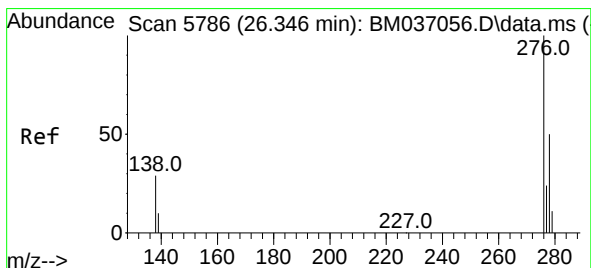
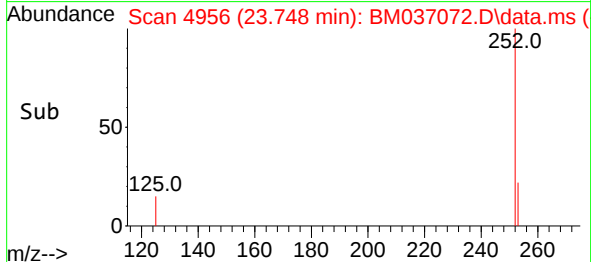
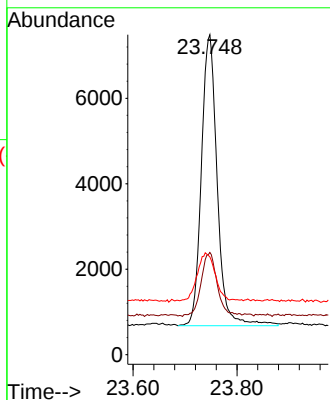
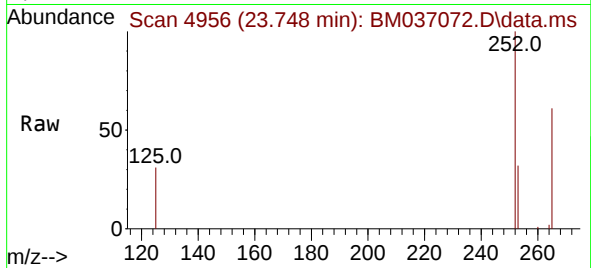




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.748 min Scan# 4956
Delta R.T. -0.011 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

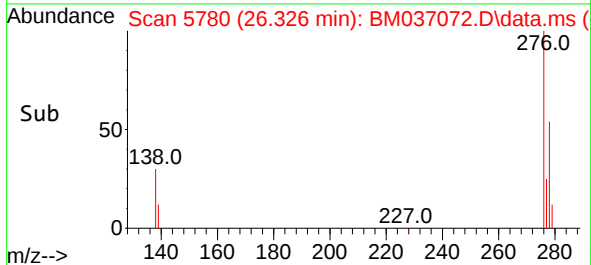
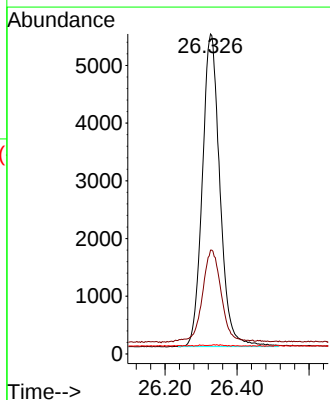
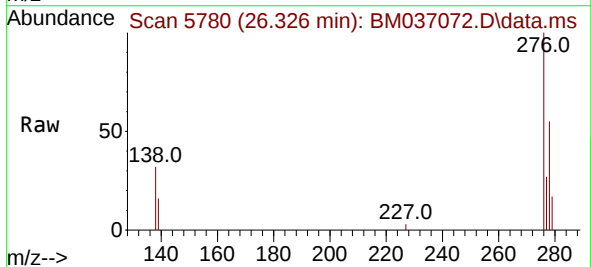
Instrument :
BNA_M
ClientSampleId :
SLCS257

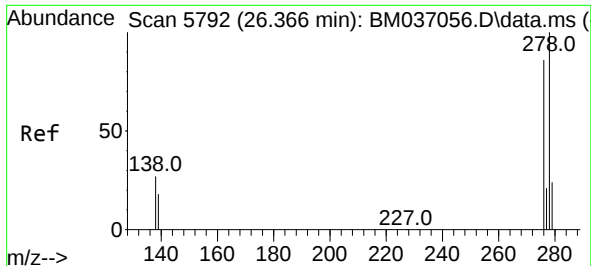
Tgt Ion:252 Resp: 14352
Ion Ratio Lower Upper
252 100
253 32.0 29.7 44.5
125 30.5 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.016 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:276 Resp: 18402
Ion Ratio Lower Upper
276 100
138 31.8 23.9 35.9
227 0.1 0.1 0.1#

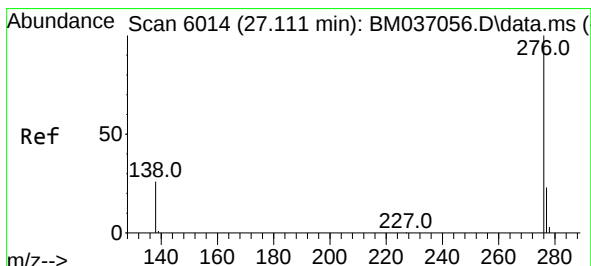
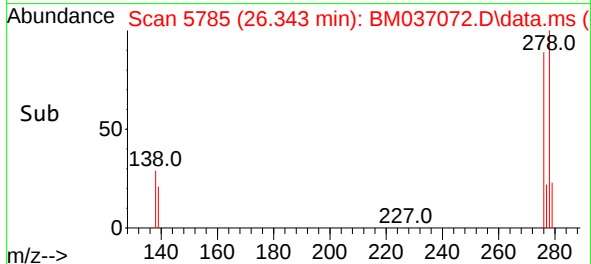
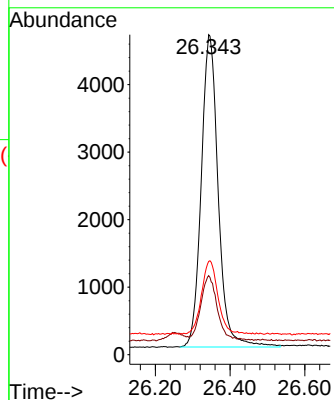
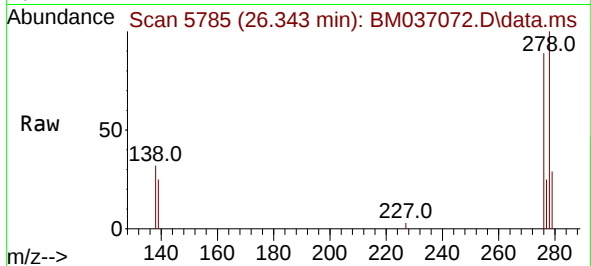




#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Instrument :
BNA_M
ClientSampleId :
SLCS257

Tgt Ion:278 Resp: 14538
Ion Ratio Lower Upper
278 100
139 24.7 19.8 29.6
279 29.1 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. -0.016 min
Lab File: BM037072.D
Acq: 15 Oct 2022 02:12

Tgt Ion:276 Resp: 15583
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 26.0 21.0 31.4

