

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037028.D
 Acq On : 13 Oct 2022 22:20
 Operator : CG/JU
 Sample : PB148291BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS291

Quant Time: Oct 14 00:57:44 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

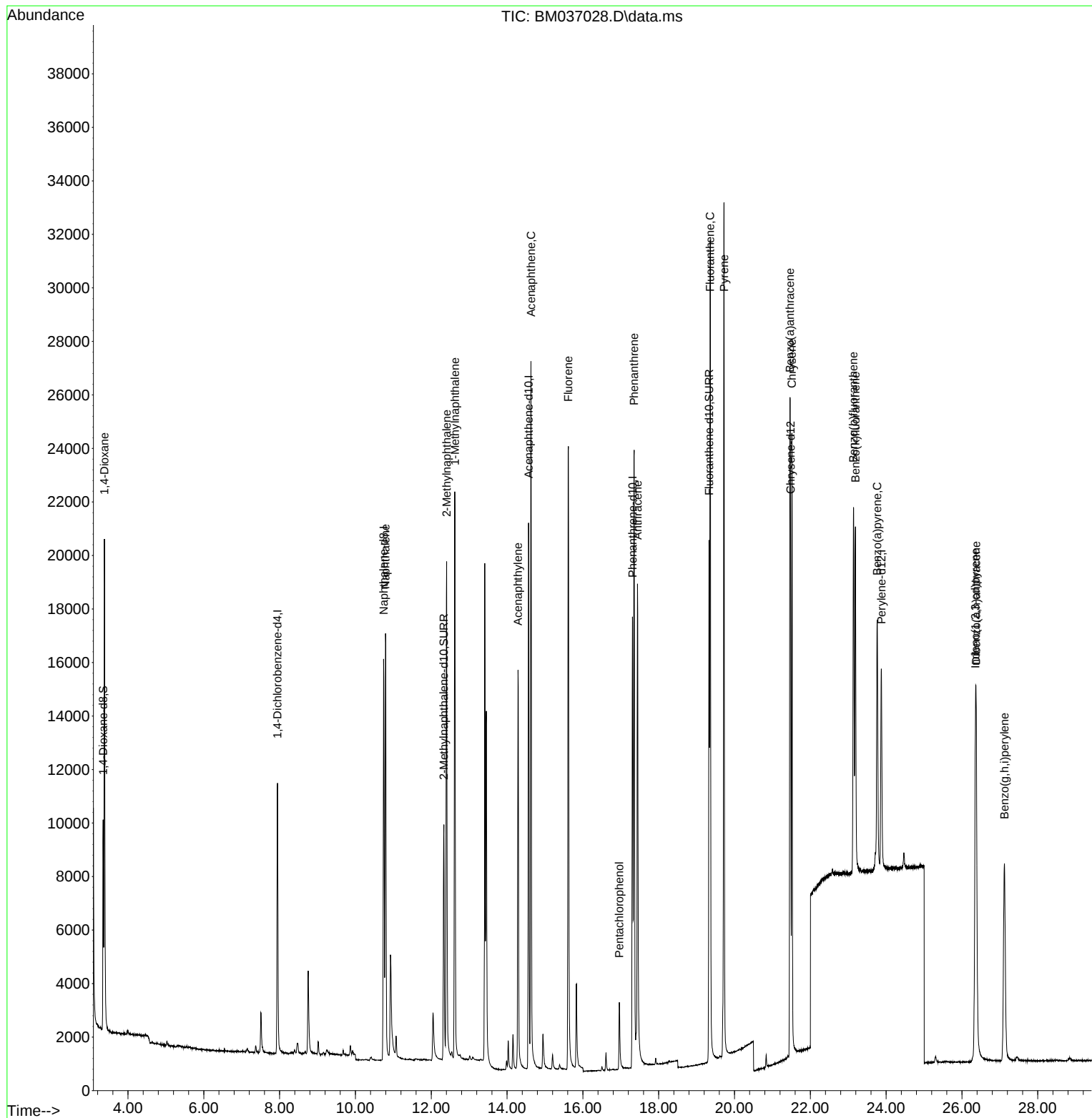
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	5761	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	21247	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.567	164	11685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	22723	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	14106	0.400	ng/ul	0.00
23) Perylene-d12	23.872	264	10757	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	5185	0.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12779	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	21511	0.510	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	12508	1.575	ng/ul#	78
5) Naphthalene	10.792	128	22817	0.376	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	14412	0.388	ng/ul	92
8) 1-Methylnaphthalene	12.624	142	15345	0.407	ng/ul	100
10) Acenaphthylene	14.289	152	18781	0.387	ng/ul	98
11) Acenaphthene	14.631	153	15818	0.375	ng/ul	98
12) Fluorene	15.617	166	17312	0.362	ng/ul	100
14) Pentachlorophenol	16.960	266	2205	0.401	ng/ul	97
15) Phenanthrene	17.352	178	26707	0.368	ng/ul	100
16) Anthracene	17.441	178	22958	0.379	ng/ul	99
19) Fluoranthene	19.360	202	27256	0.486	ng/ul	98
20) Pyrene	19.722	202	27574	0.471	ng/ul	97
21) Benzo(a)anthracene	21.461	228	19586	0.384	ng/ul	99
22) Chrysene	21.514	228	20412	0.373	ng/ul	100
24) Benzo(b)fluoranthene	23.139	252	18359	0.382	ng/ul	96
25) Benzo(k)fluoranthene	23.188	252	17460	0.373	ng/ul	97
26) Benzo(a)pyrene	23.764	252	15236	0.391	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.355	276	20000	0.362	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.376	278	15863	0.355	ng/ul	92
29) Benzo(g,h,i)perylene	27.120	276	17304	0.356	ng/ul	99

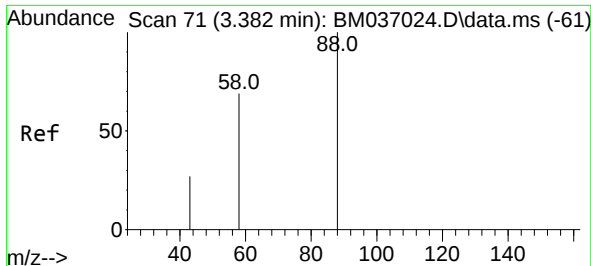
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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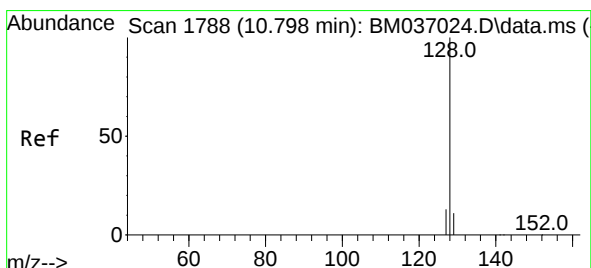
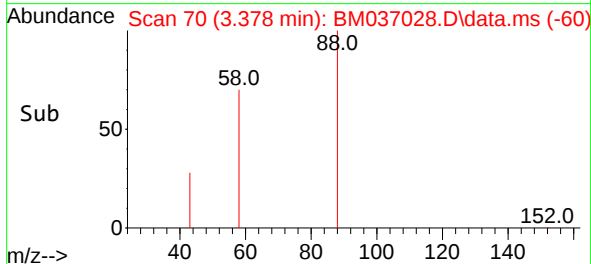
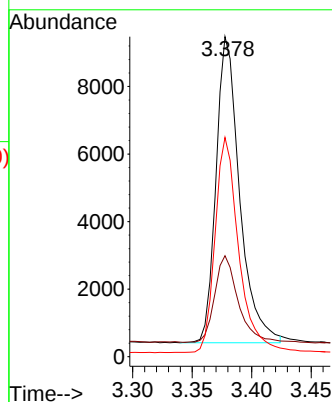
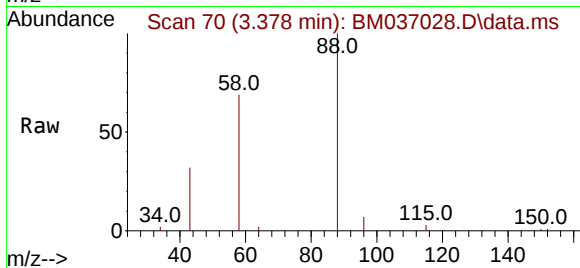




#2
1,4-Dioxane
Concen: 1.575 ng/ul
RT: 3.378 min Scan# 71
Delta R.T. -0.008 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

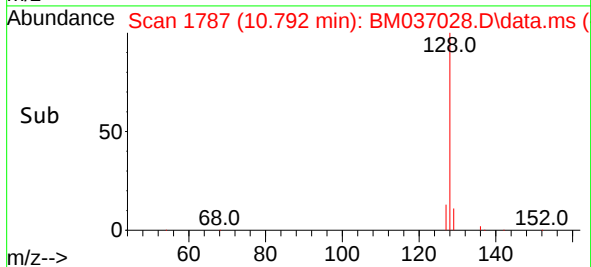
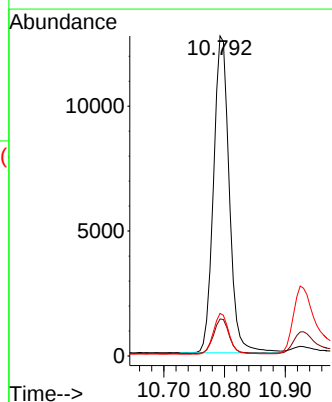
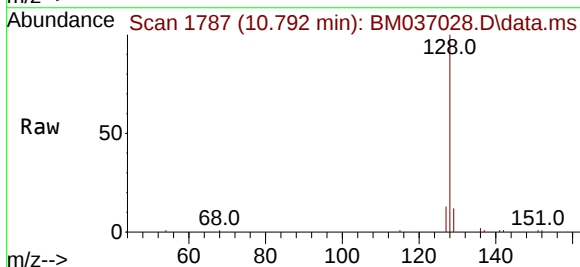
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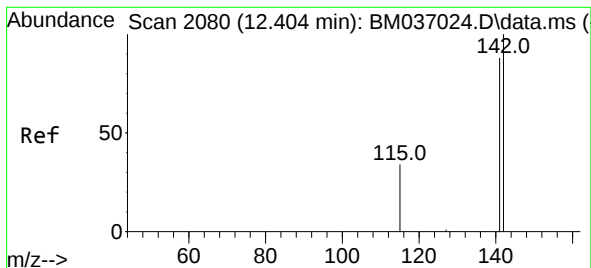
Tgt Ion: 88 Resp: 12508
Ion Ratio Lower Upper
88 100
43 31.6 37.8 56.6#
58 68.5 42.6 63.8#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion: 128 Resp: 22817
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.3 11.7 17.5

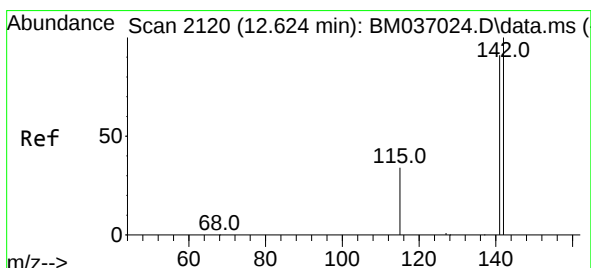
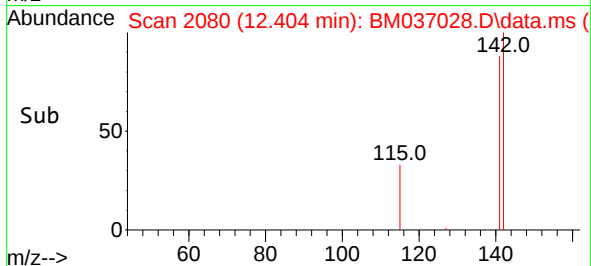
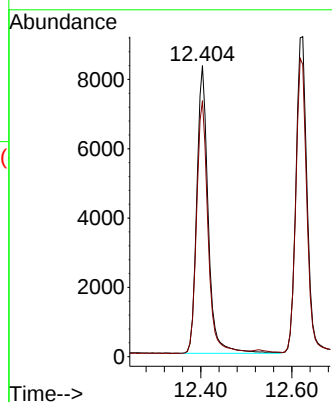
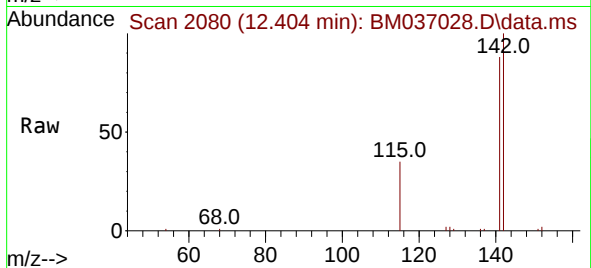




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

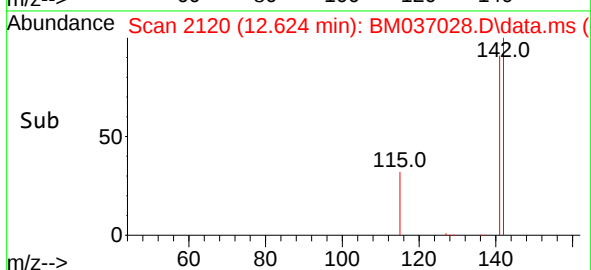
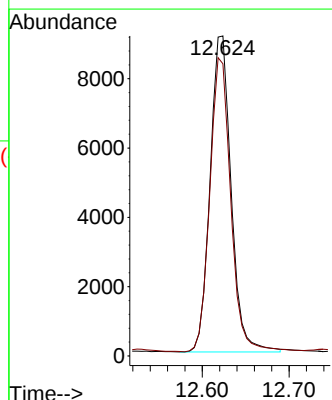
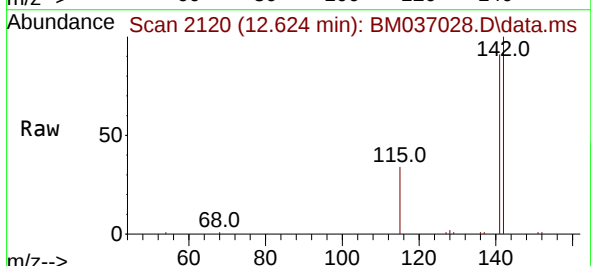
Instrument :
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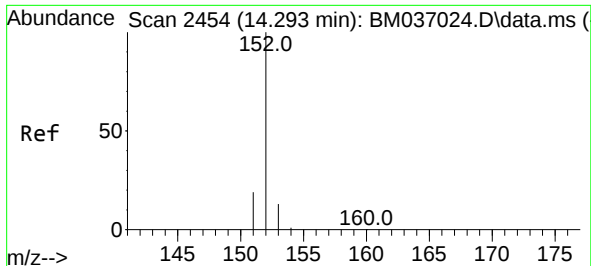
Tgt Ion:142 Resp: 14412
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:142 Resp: 15345
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

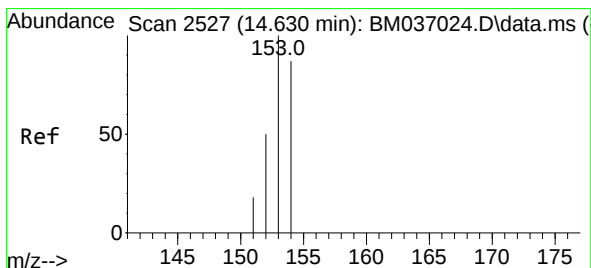
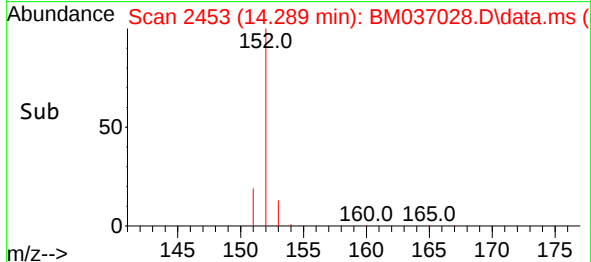
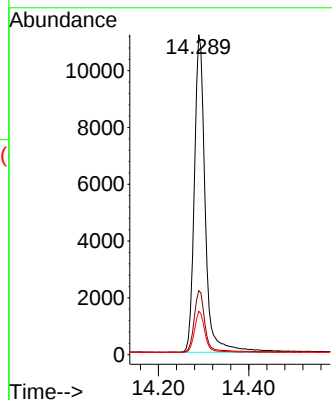
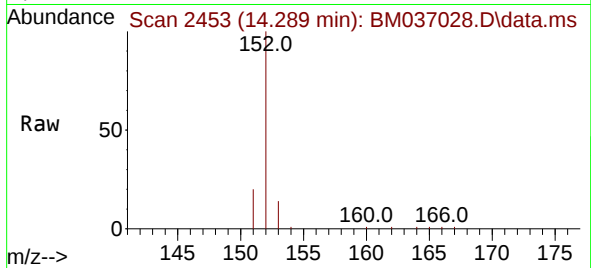




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

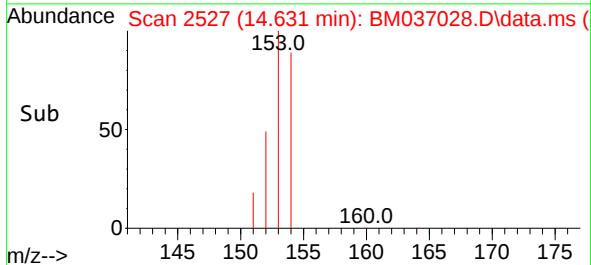
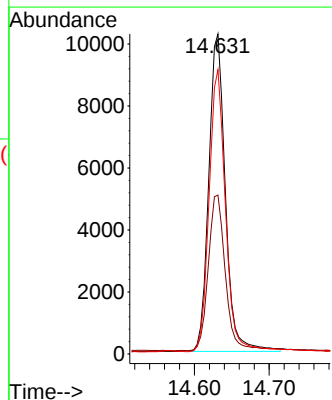
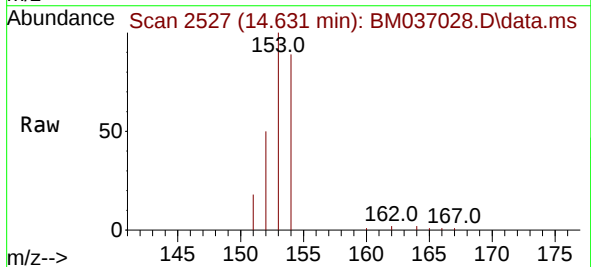
Instrument :
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ClientSampleId :
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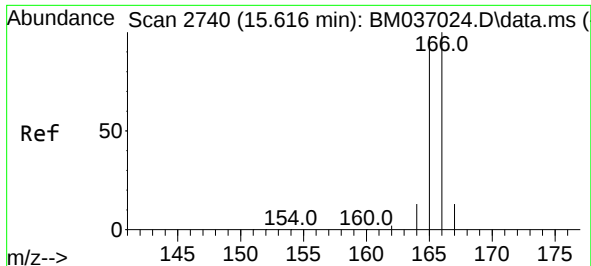
Tgt Ion:152 Resp: 18781
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.6 11.4 17.0



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:153 Resp: 15818
Ion Ratio Lower Upper
153 100
152 49.7 40.2 60.4
154 88.9 69.7 104.5

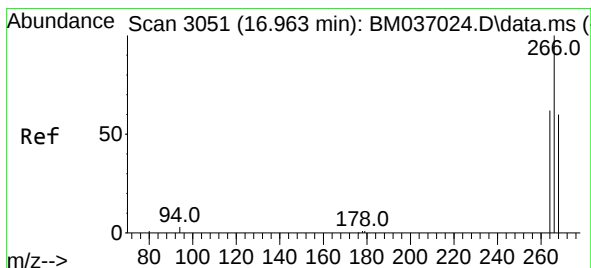
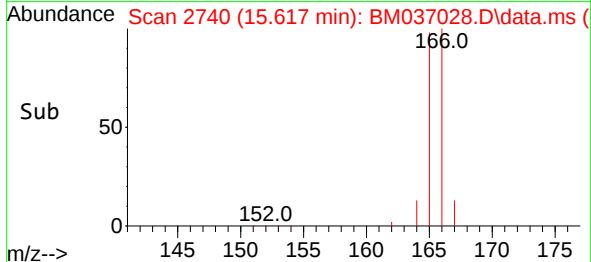
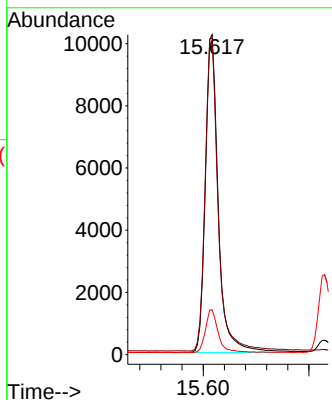
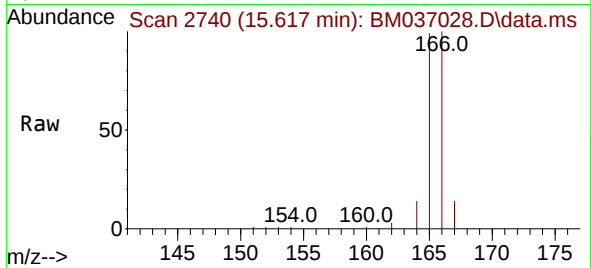




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

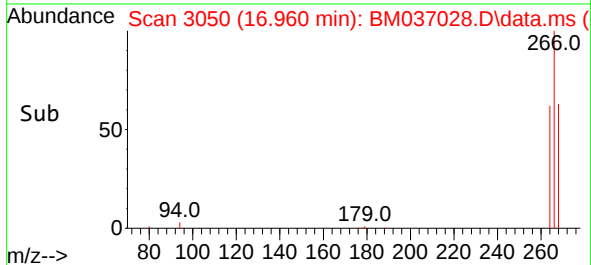
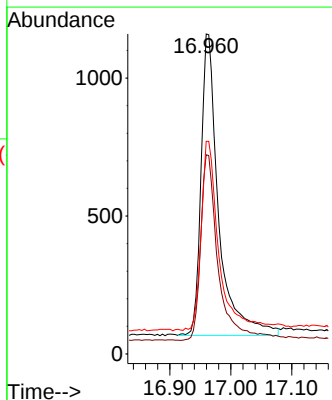
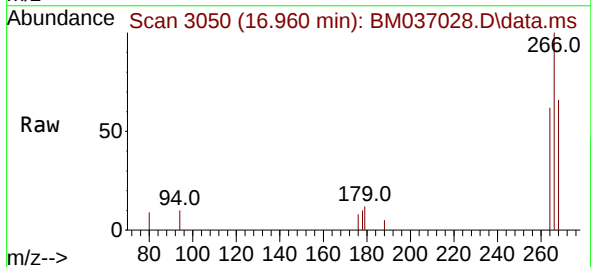
Instrument :
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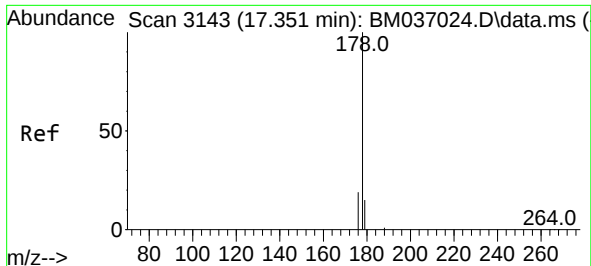
Tgt Ion:166 Resp: 17312
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.401 ng/ul
RT: 16.960 min Scan# 3050
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:266 Resp: 2205
Ion Ratio Lower Upper
266 100
264 61.5 50.3 75.5
268 63.6 53.5 80.3

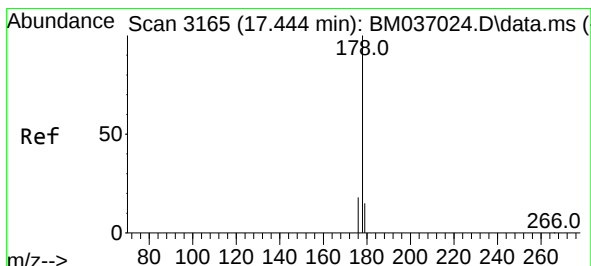
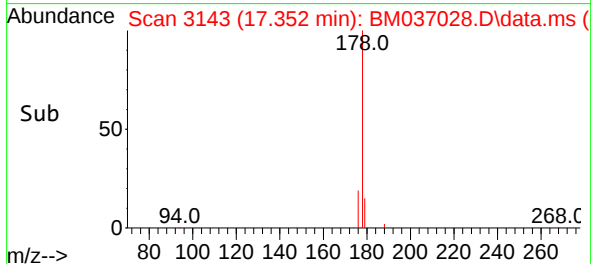
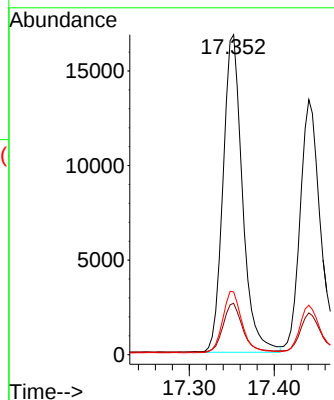
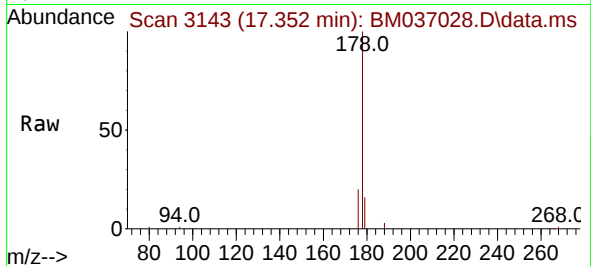




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

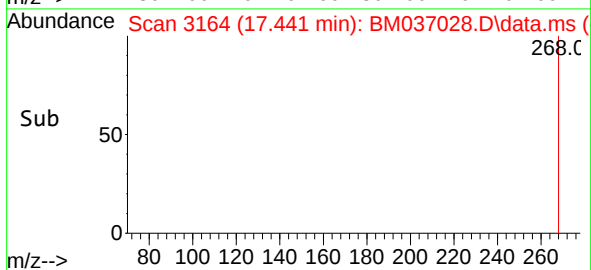
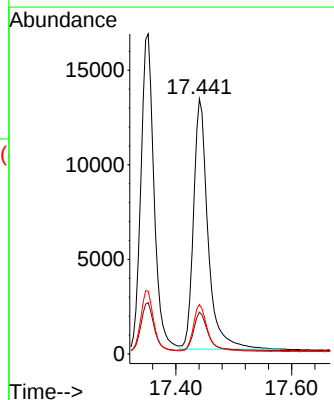
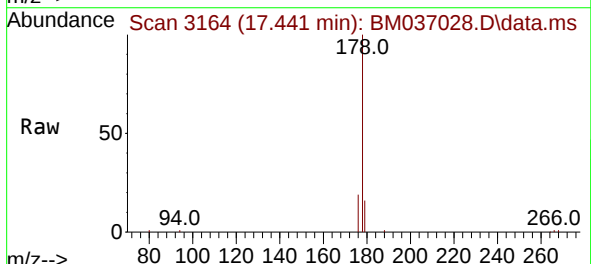
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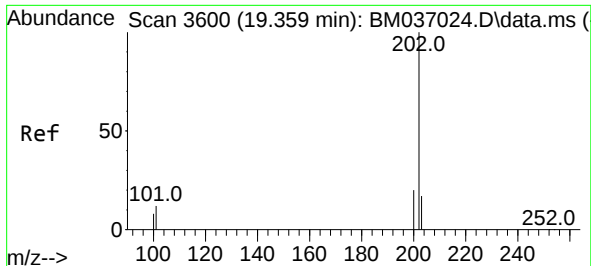
Tgt Ion:178 Resp: 26707
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.441 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:178 Resp: 22958
Ion Ratio Lower Upper
178 100
179 16.4 13.6 20.4
176 19.4 15.6 23.4

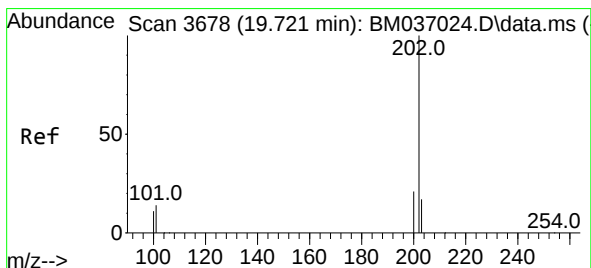
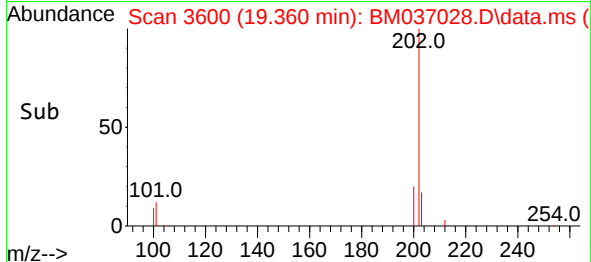
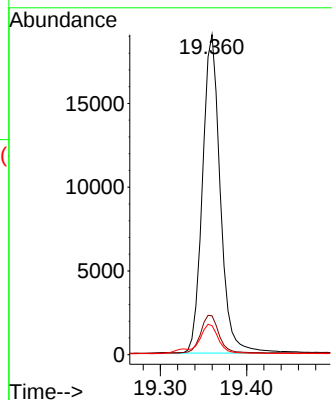
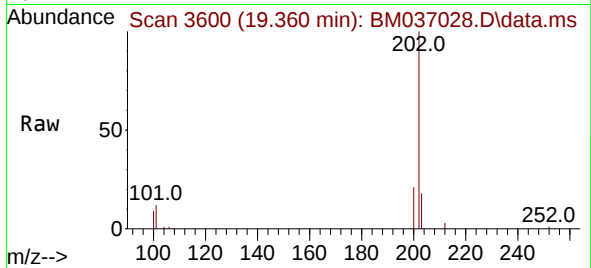




#19
Fluoranthene
Concen: 0.486 ng/ul
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

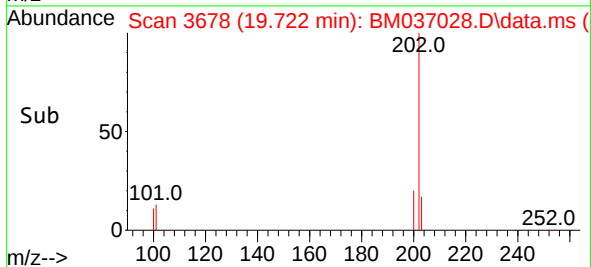
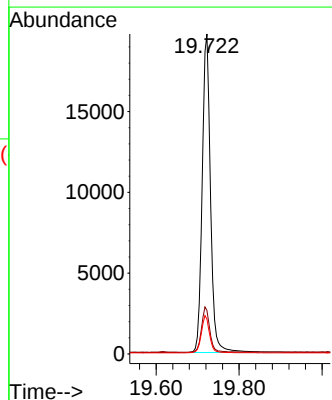
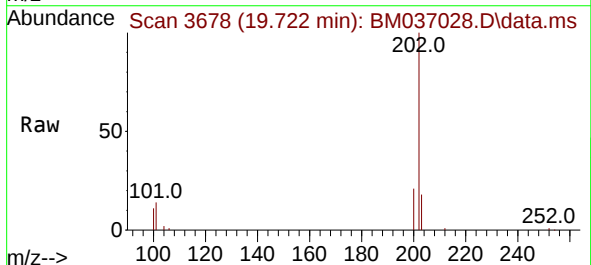
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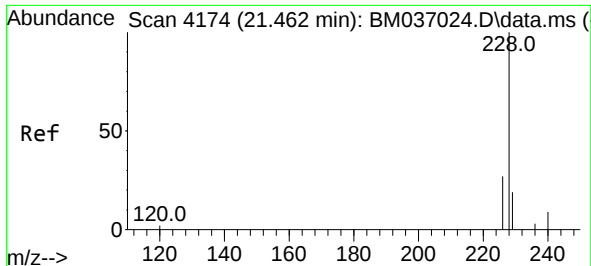
Tgt Ion:202 Resp: 27256
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.471 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:202 Resp: 27574
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.9 9.8 14.6

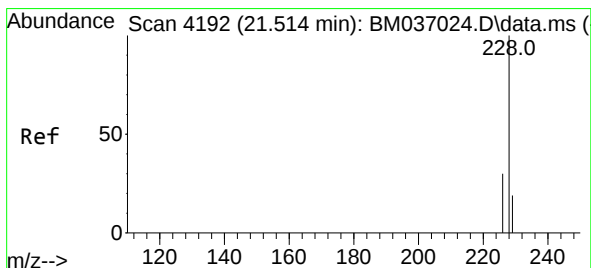
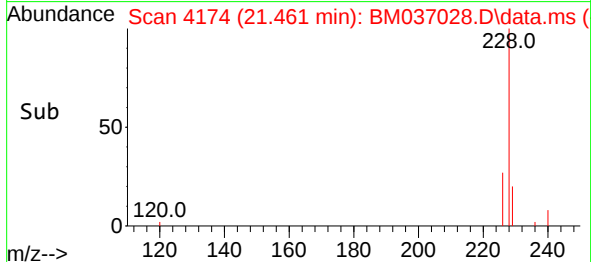
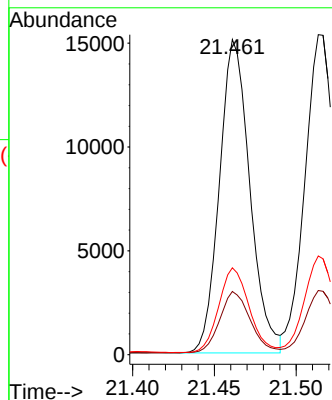
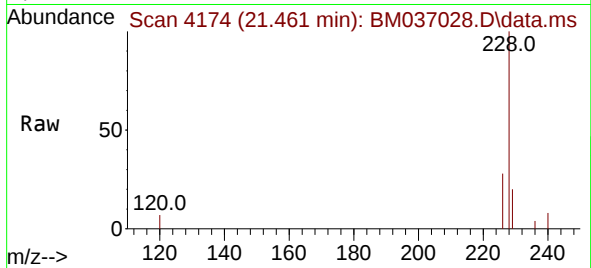




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

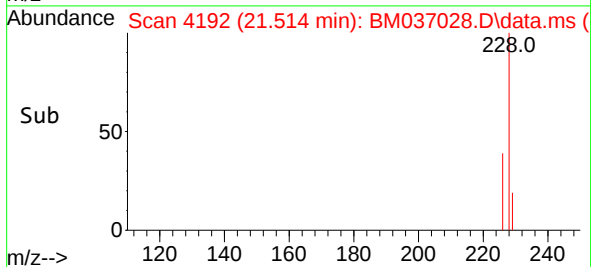
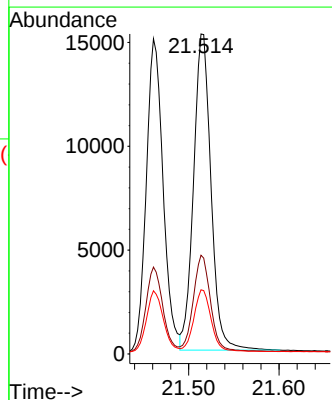
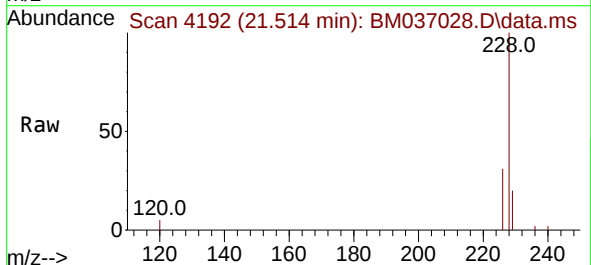
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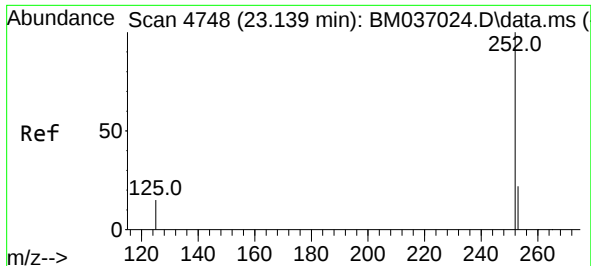
Tgt Ion:228 Resp: 19586
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.514 min Scan# 4192
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:228 Resp: 20412
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.0 16.4 24.6

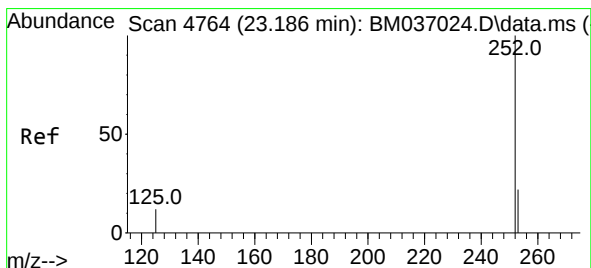
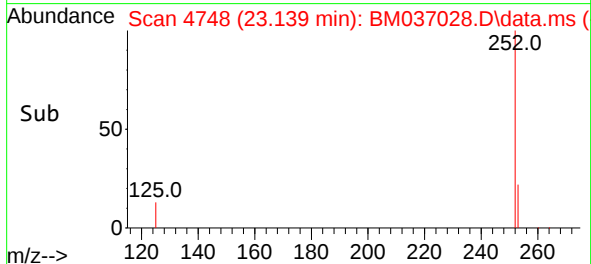
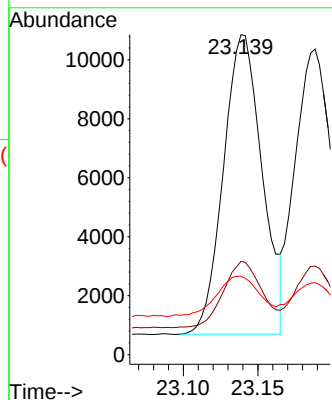
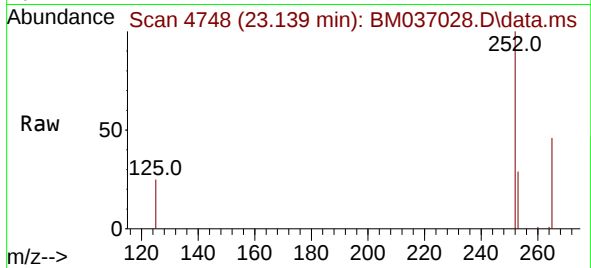




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.139 min Scan# 4748
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

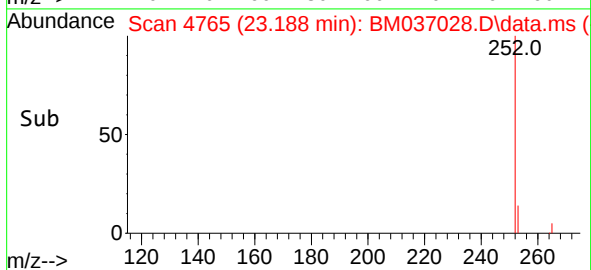
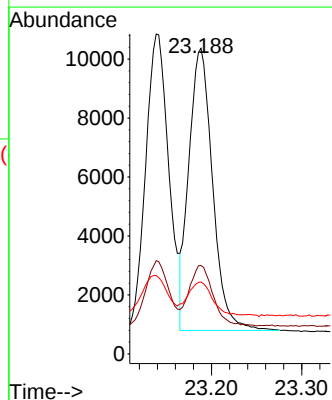
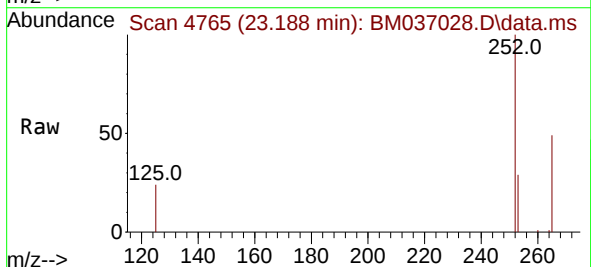
Instrument :
BNA_M
ClientSampleId :
SLCS291

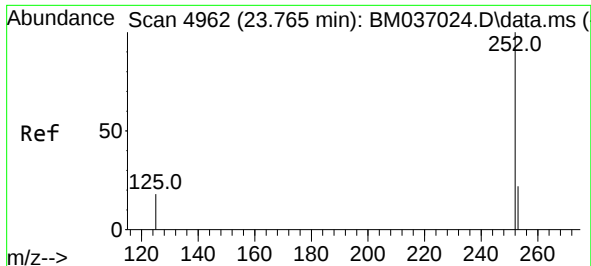
Tgt Ion:	252	Resp:	18359
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	61.4
125	24.5	0.0	42.6



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.188 min Scan# 4765
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

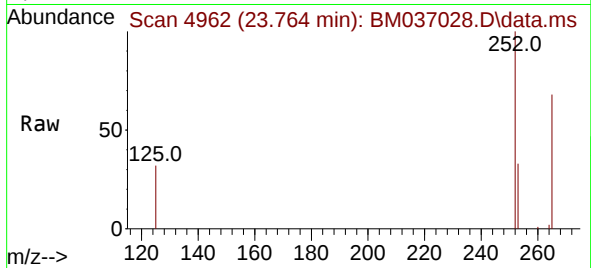
Tgt Ion:	252	Resp:	17460
Ion Ratio	Lower	Upper	
252	100		
253	29.0	25.2	37.8
125	23.6	18.3	27.5



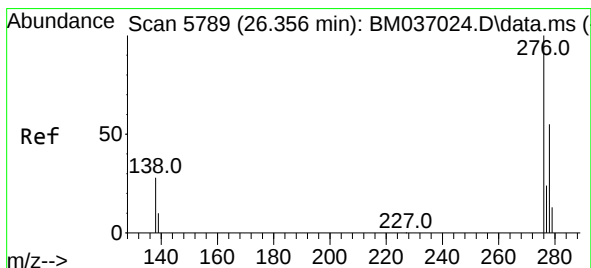
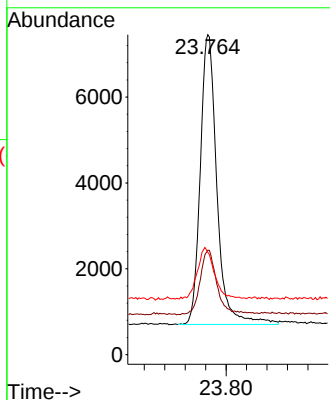
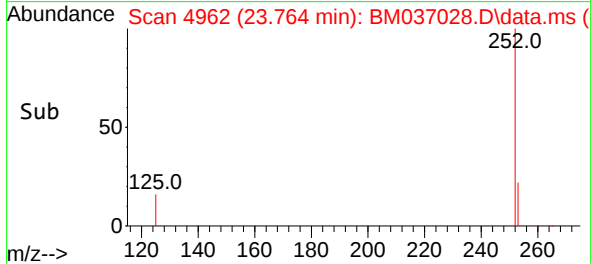


#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.764 min Scan# 4962
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Instrument :
BNA_M
ClientSampleId :
SLCS291

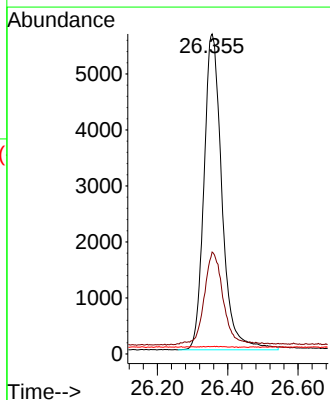
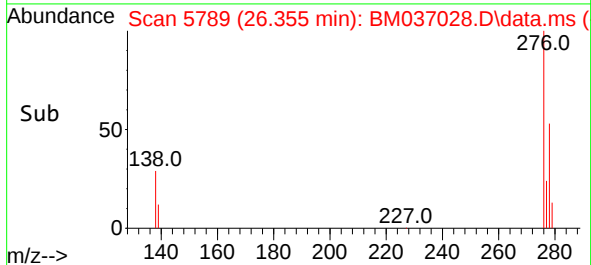
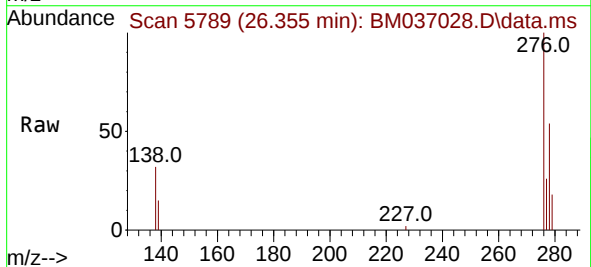


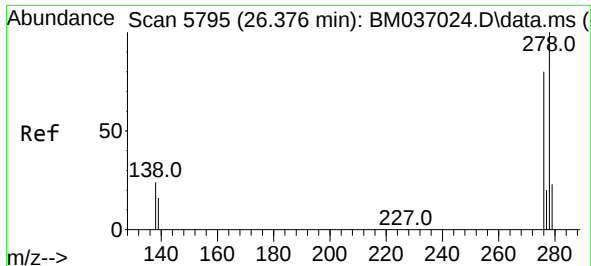
Tgt Ion:252 Resp: 15236
Ion Ratio Lower Upper
252 100
253 32.7 29.7 44.5
125 32.0 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:276 Resp: 20000
Ion Ratio Lower Upper
276 100
138 30.2 23.9 35.9
227 0.2 0.1 0.1#

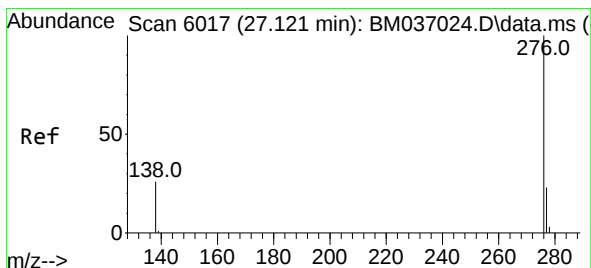
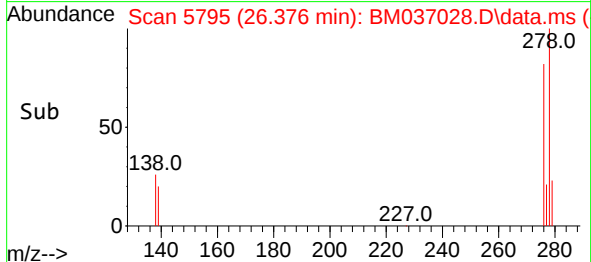
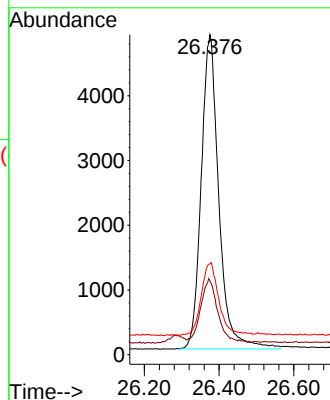
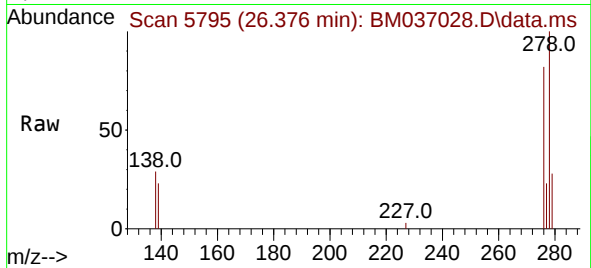




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Instrument :
BNA_M
ClientSampleId :
SLCS291

Tgt Ion:278 Resp: 15863
Ion Ratio Lower Upper
278 100
139 23.1 19.8 29.6
279 28.5 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM037028.D
Acq: 13 Oct 2022 22:20

Tgt Ion:276 Resp: 17304
Ion Ratio Lower Upper
276 100
138 28.9 23.4 35.0
277 25.8 21.0 31.4

