

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037184.D
 Acq On : 22 Oct 2022 01:58
 Operator : CG/JU
 Sample : N5064-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BE5

Quant Time: Oct 22 02:35:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

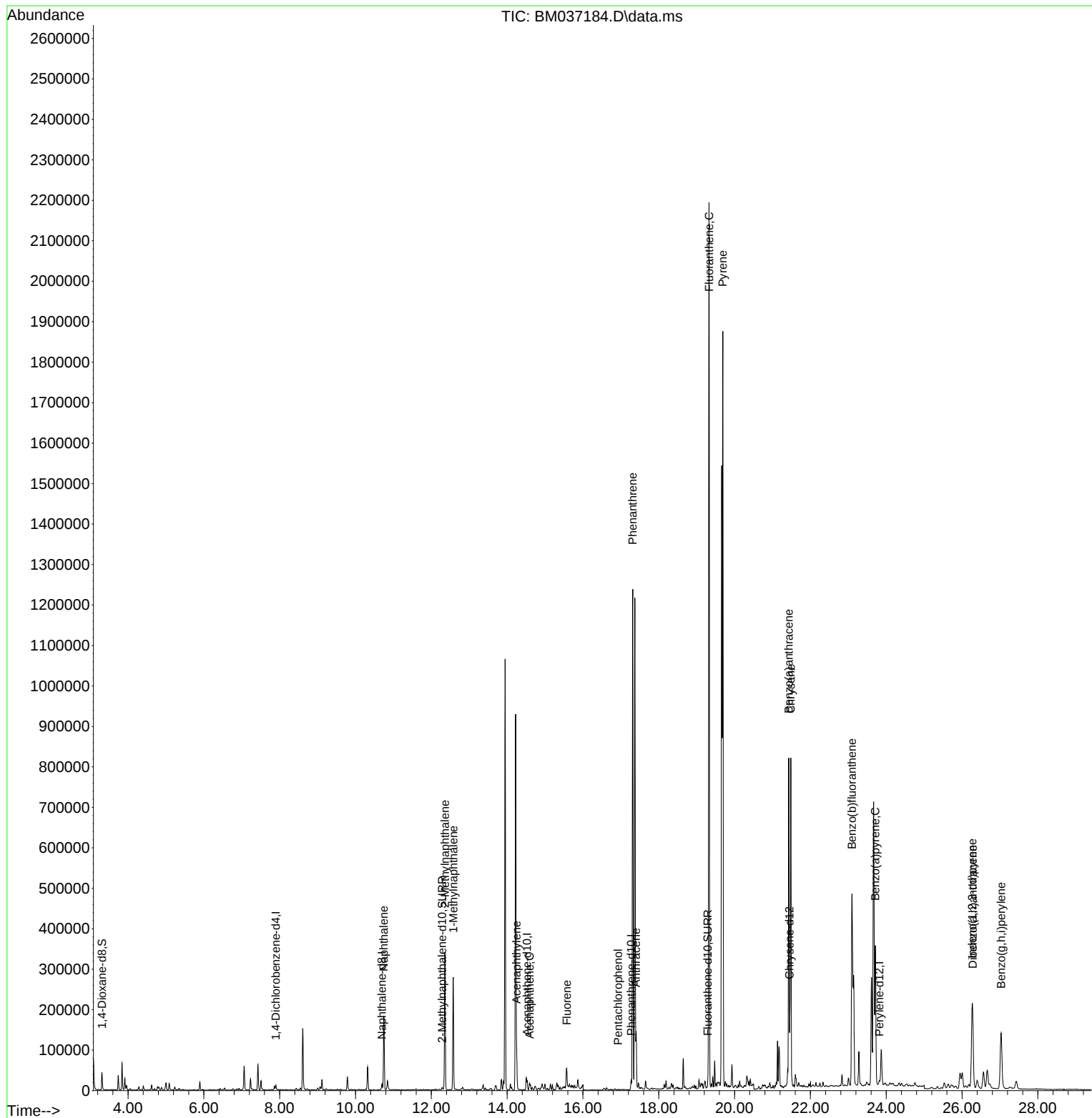
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19460	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.529	164	12040	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	24420	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	17114	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	13862	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	27631	3.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7612	0.275	ng/ul	-0.01
18) Fluoranthene-d10	19.294	212	18017	0.348	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	238384	4.136	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	232365	6.732	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	185661	5.270	ng/ul	99
10) Acenaphthylene	14.251	152	93418	1.806	ng/ul#	96
11) Acenaphthene	14.593	153	12549	0.268	ng/ul	99
12) Fluorene	15.574	166	24868	0.455	ng/ul#	91
14) Pentachlorophenol	16.925	266	300	0.051	ng/ul	95
15) Phenanthrene	17.313	178	1272678	15.438	ng/ul	99
16) Anthracene	17.402	178	138021	2.114	ng/ul	100
19) Fluoranthene	19.326	202	1877896	25.259	ng/ul	97
20) Pyrene	19.689	202	1514858	20.099	ng/ul	100
21) Benzo(a)anthracene	21.430	228	656610	9.886	ng/ul	97
22) Chrysene	21.482	228	744305	9.740	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	823490	11.215	ng/ul	92
26) Benzo(a)pyrene	23.712	252	483490	8.201	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.269	276	368137	4.471	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.282	278	92469	1.423	ng/ul	98
29) Benzo(g,h,i)perylene	27.030	276	305442	4.217	ng/ul	97

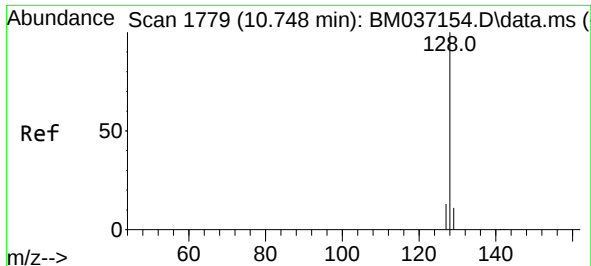
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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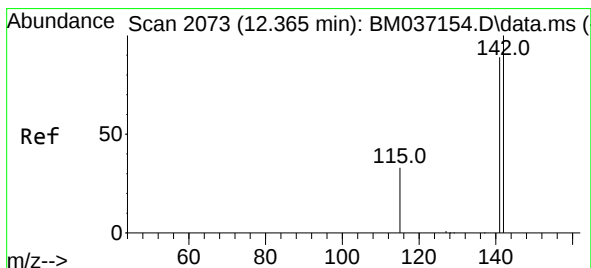
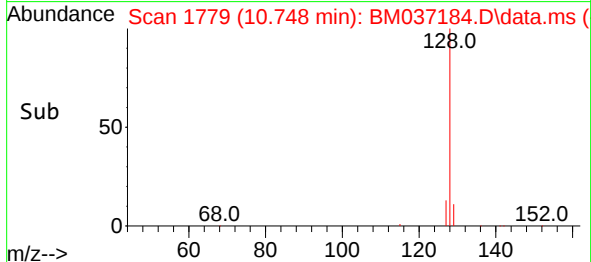
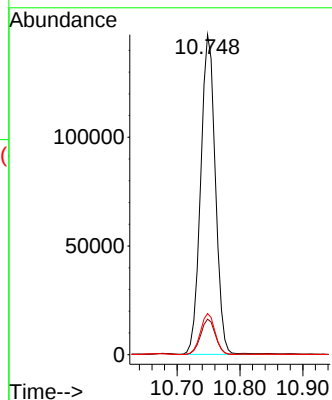
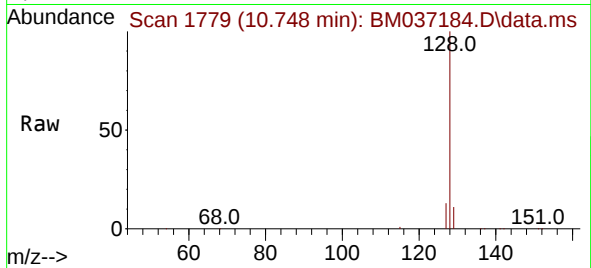




#5
Naphthalene
Concen: 4.136 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.011 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

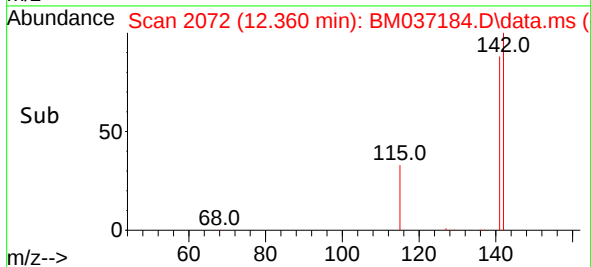
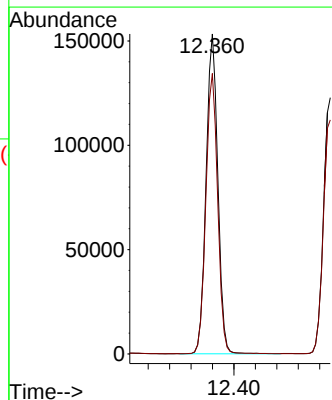
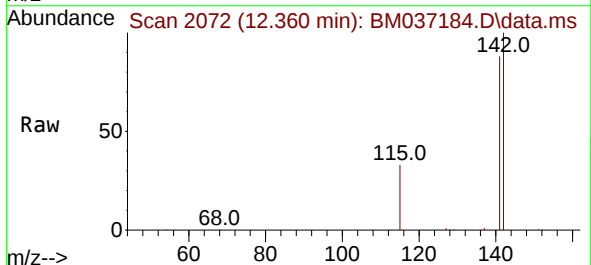
Instrument :
BNA_N
ClientSampleId :
C0BE5

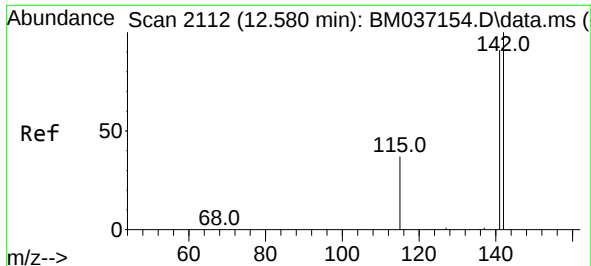
Tgt Ion:128 Resp: 238384
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.9 10.5 15.7



#7
2-Methylnaphthalene
Concen: 6.732 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:142 Resp: 232365
Ion Ratio Lower Upper
142 100
141 88.5 72.8 109.2

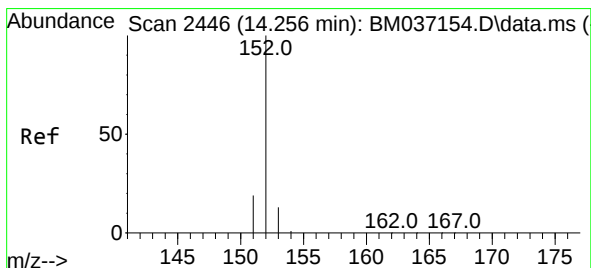
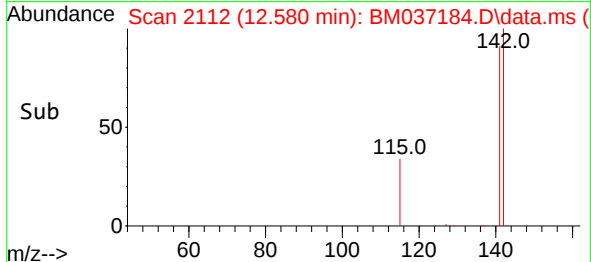
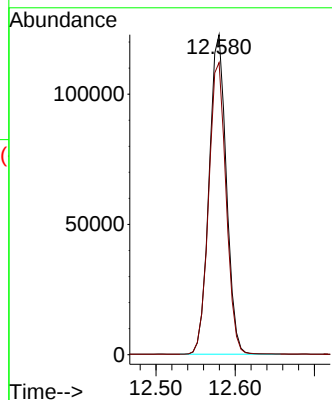
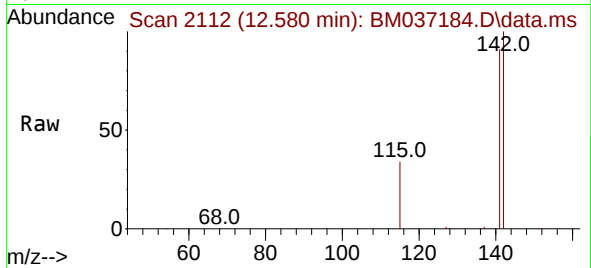




#8
1-Methylnaphthalene
Concen: 5.270 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

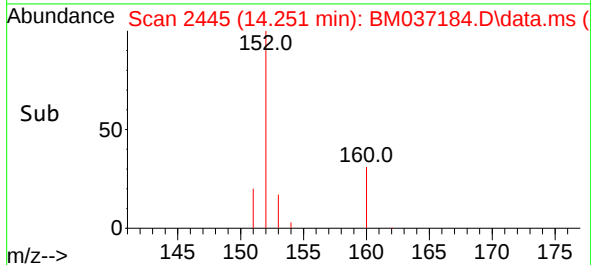
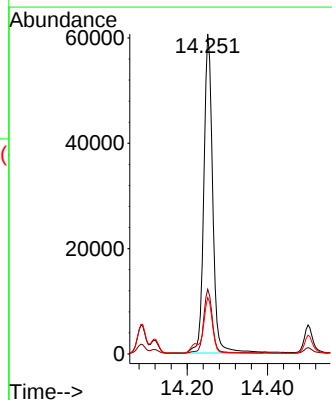
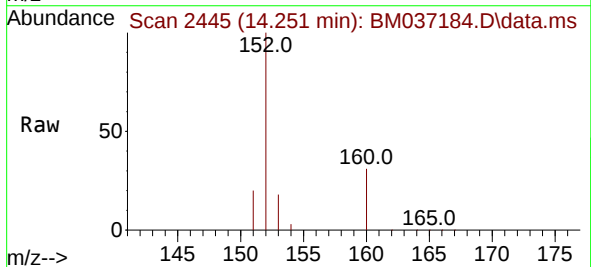
Instrument :
BNA_N
ClientSampleId :
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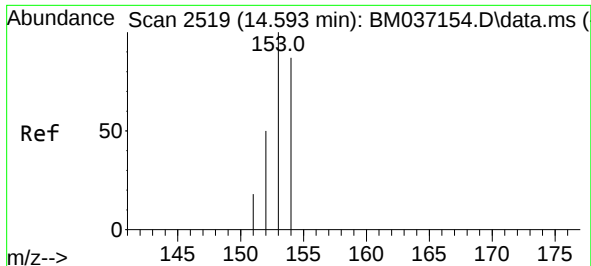
Tgt Ion:142 Resp: 185661
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



#10
Acenaphthylene
Concen: 1.806 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:152 Resp: 93418
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 17.6 10.8 16.2#

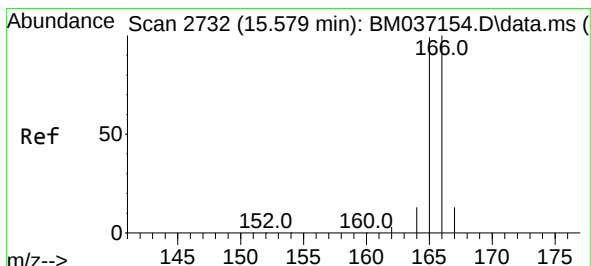
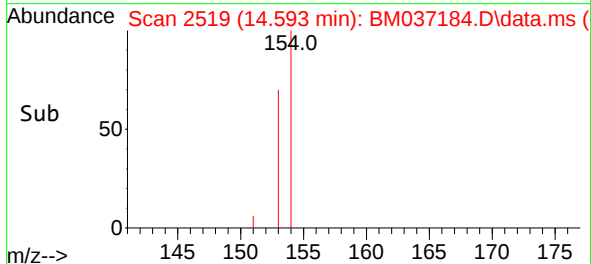
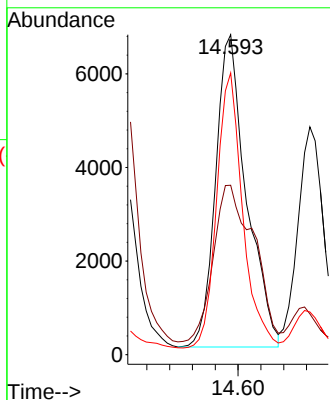
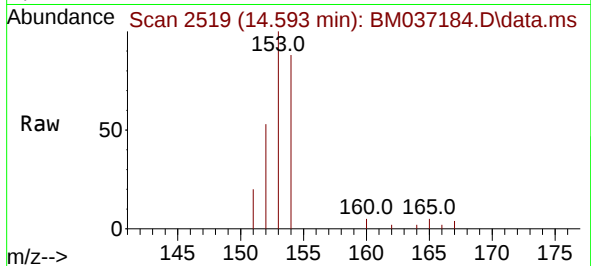




#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.593 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

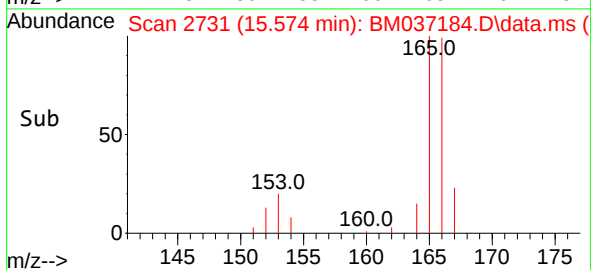
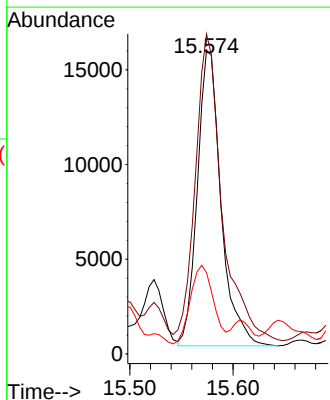
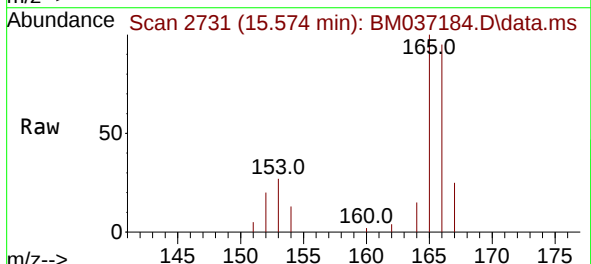
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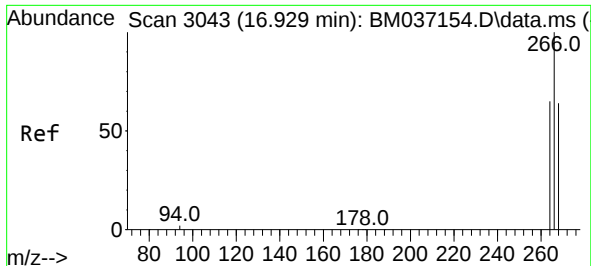
Tgt Ion:153 Resp: 12549
Ion Ratio Lower Upper
153 100
152 53.0 43.3 64.9
154 88.0 70.0 105.0



#12
Fluorene
Concen: 0.455 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.009 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:166 Resp: 24868
Ion Ratio Lower Upper
166 100
165 105.3 79.4 119.2
167 26.7 11.3 16.9#

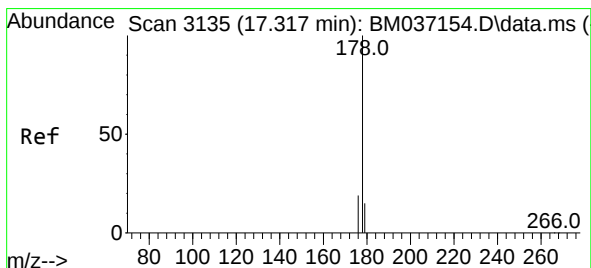
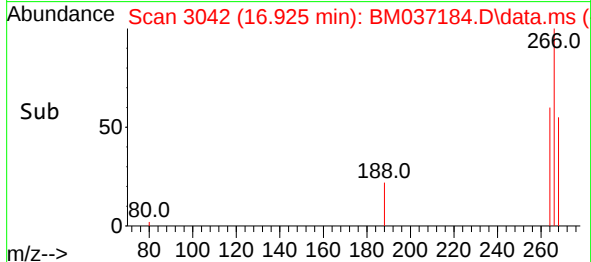
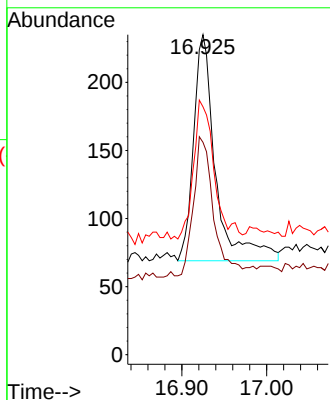
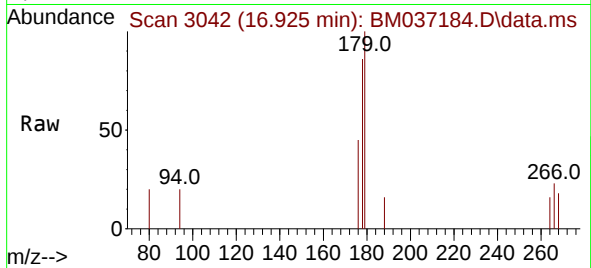




#14
 Pentachlorophenol
 Concen: 0.051 ng/u1
 RT: 16.925 min Scan# 3043
 Delta R.T. -0.013 min
 Lab File: BM037184.D
 Acq: 22 Oct 2022 01:58

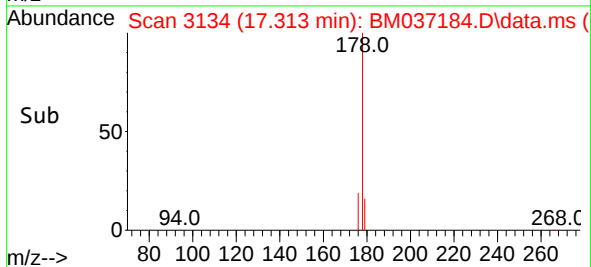
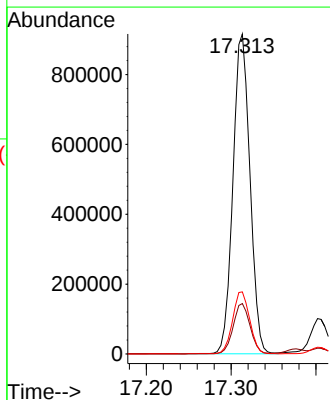
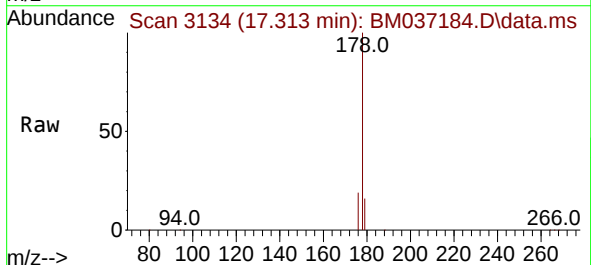
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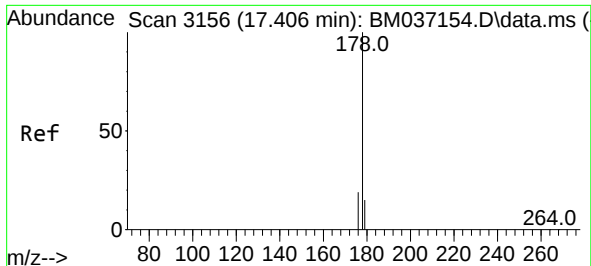
Tgt Ion:266 Resp: 300
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.4 74.0
 268 56.7 50.5 75.7



#15
 Phenanthrene
 Concen: 15.438 ng/u1
 RT: 17.313 min Scan# 3134
 Delta R.T. -0.008 min
 Lab File: BM037184.D
 Acq: 22 Oct 2022 01:58

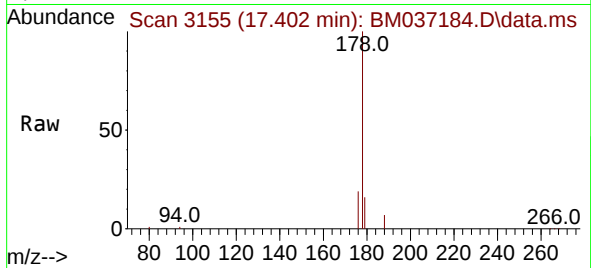
Tgt Ion:178 Resp: 1272678
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.0 19.6
 176 19.4 16.1 24.1



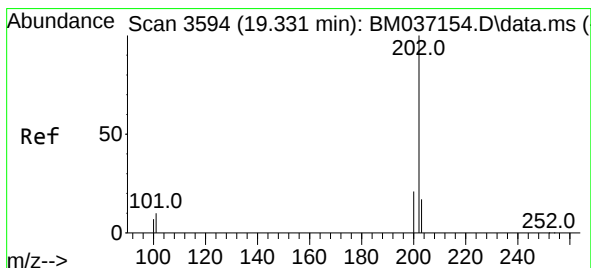
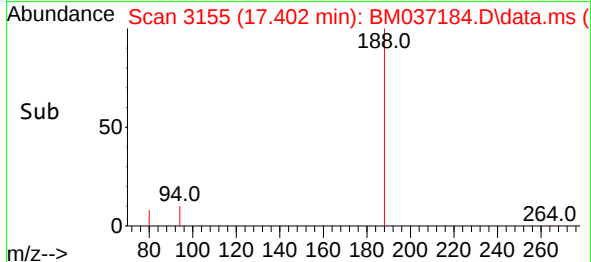
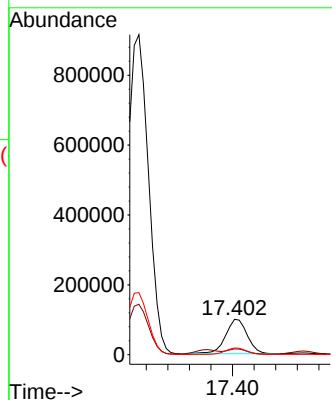


#16
 Anthracene
 Concen: 2.114 ng/ul
 RT: 17.402 min Scan# 3156
 Delta R.T. -0.013 min
 Lab File: BM037184.D
 Acq: 22 Oct 2022 01:58

Instrument :
 BNA_N
 ClientSampleId :
 C0BE5

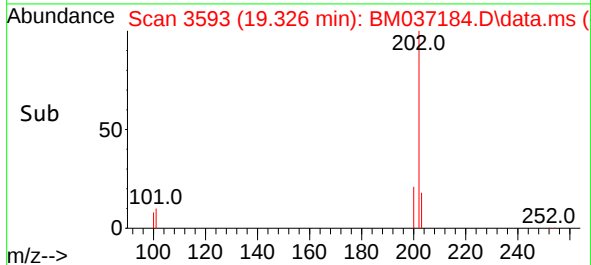
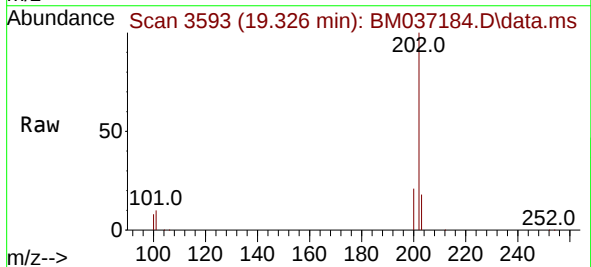
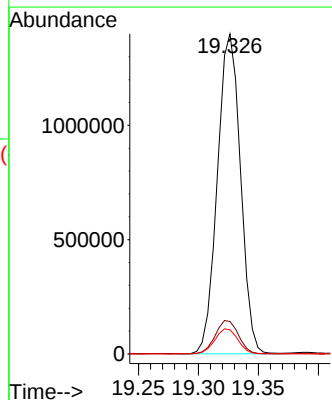


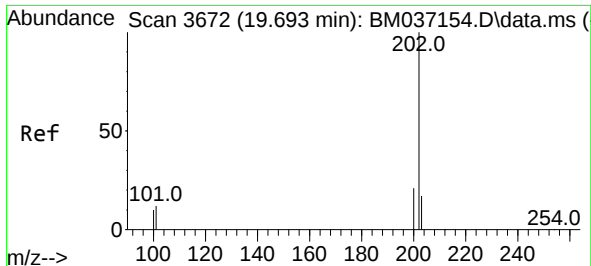
Tgt Ion:178 Resp: 138021
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.1 19.7
 176 19.1 15.3 22.9



#19
 Fluoranthene
 Concen: 25.259 ng/ul
 RT: 19.326 min Scan# 3593
 Delta R.T. -0.005 min
 Lab File: BM037184.D
 Acq: 22 Oct 2022 01:58

Tgt Ion:202 Resp: 1877896
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.9 13.3
 100 7.5 6.9 10.3

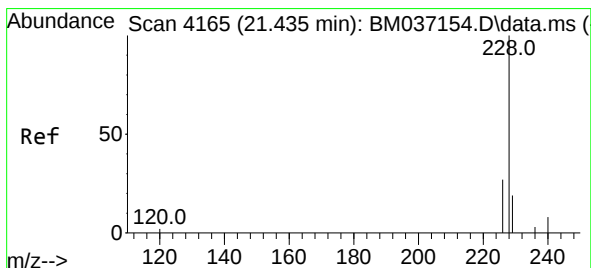
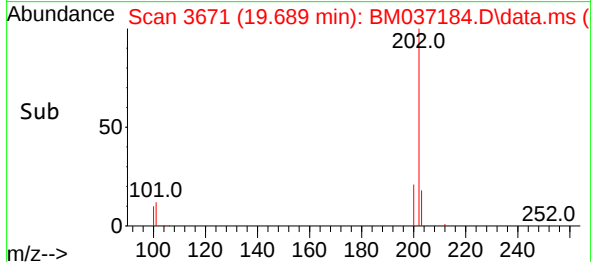
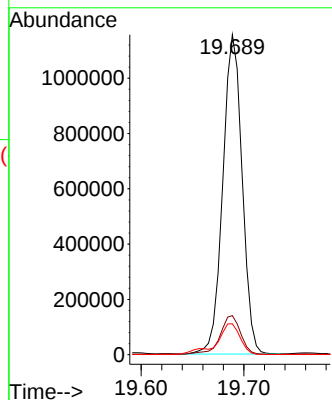
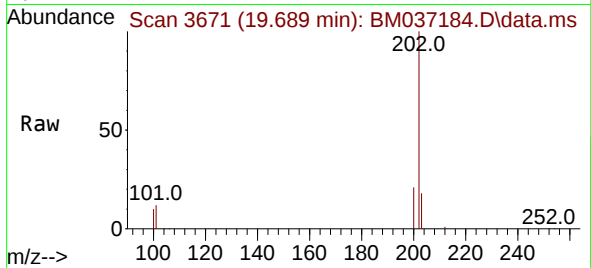




#20
Pyrene
Concen: 20.099 ng/ul
RT: 19.689 min Scan# 3672
Delta R.T. -0.009 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

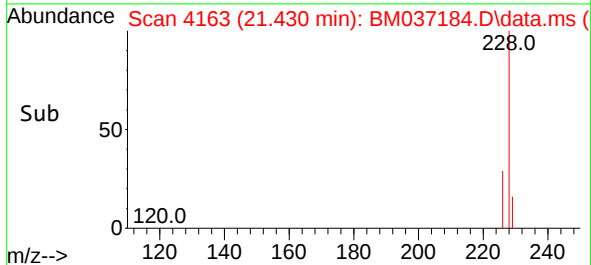
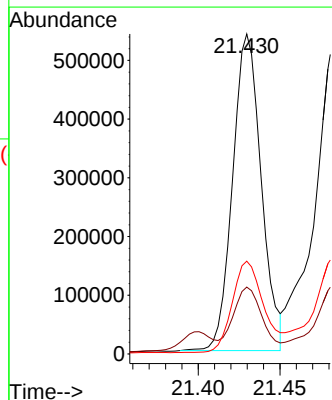
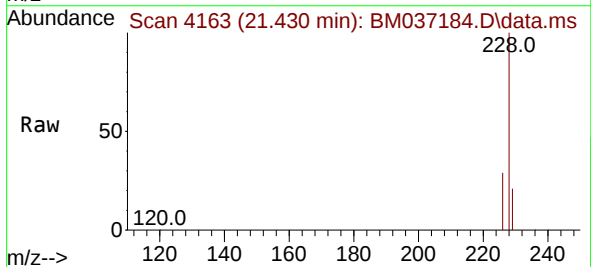
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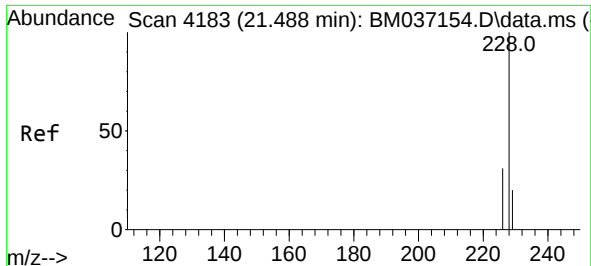
Tgt Ion:202 Resp: 1514858
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.7 7.8 11.8



#21
Benzo(a)anthracene
Concen: 9.886 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:228 Resp: 656610
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.0 21.8 32.8

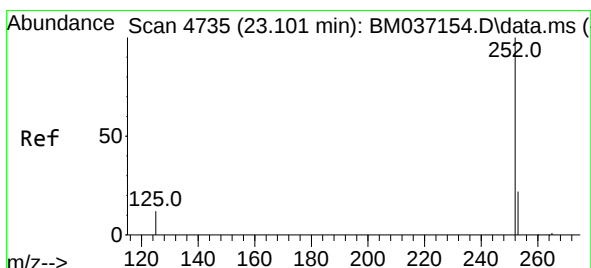
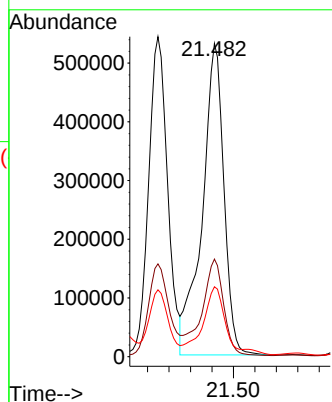
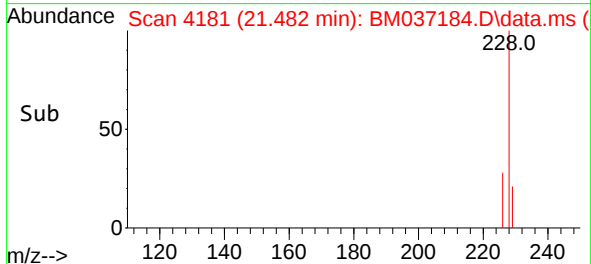
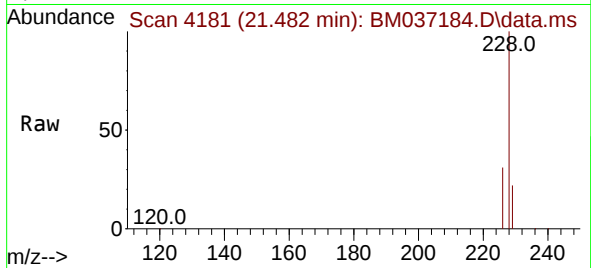




#22
Chrysene
Concen: 9.740 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

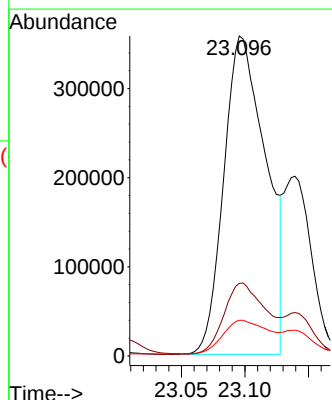
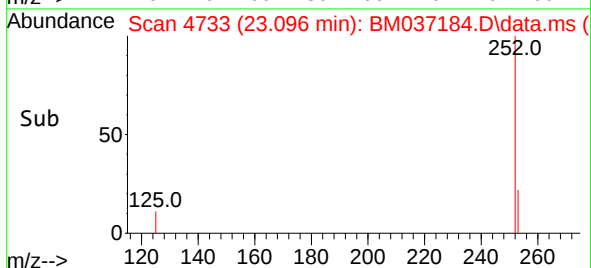
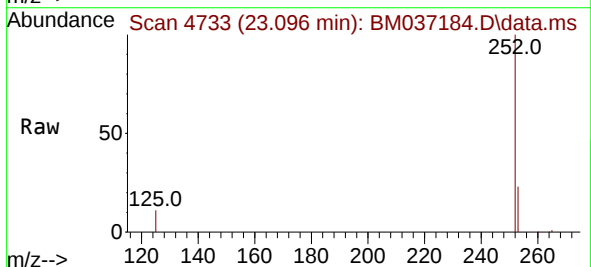
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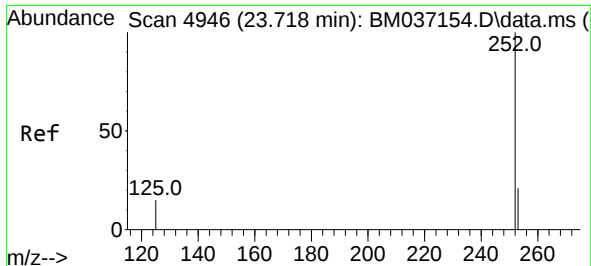
Tgt Ion:228 Resp: 744305
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.3 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 11.215 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. -0.015 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

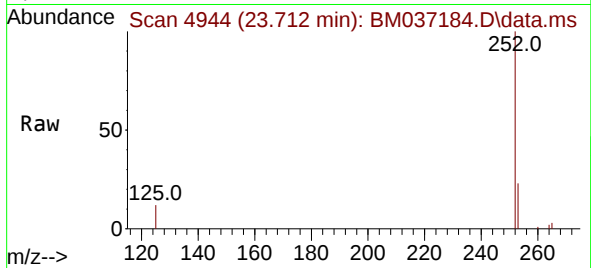
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Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.6
125 11.1 0.0 32.6



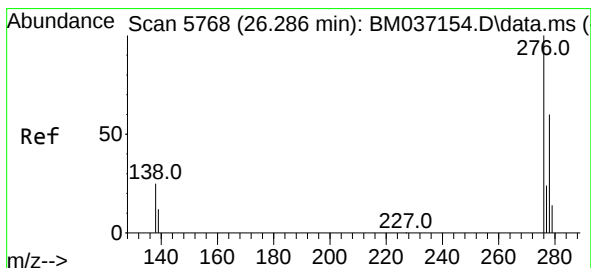
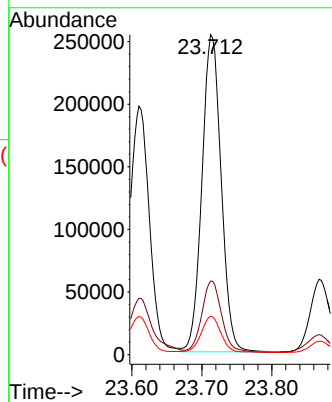
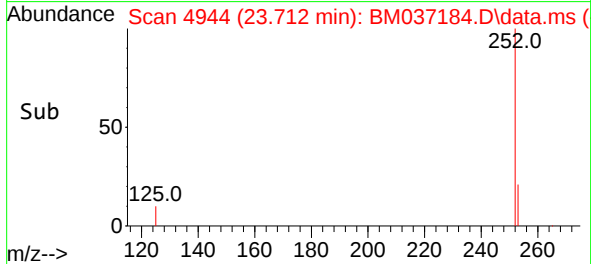


#26
Benzo(a)pyrene
Concen: 8.201 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. -0.018 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Instrument :
BNA_N
ClientSampleId :
C0BE5

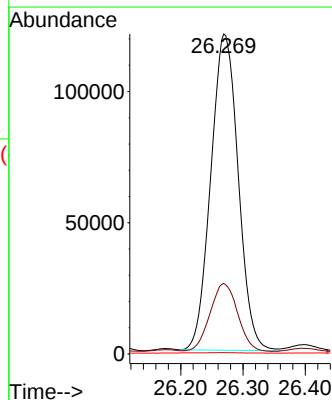
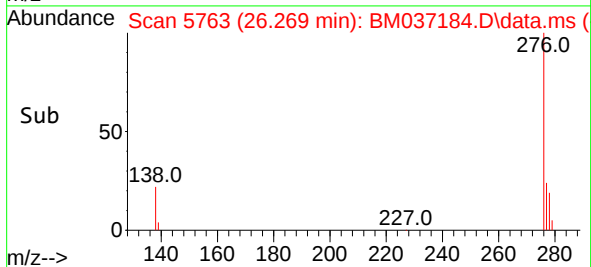
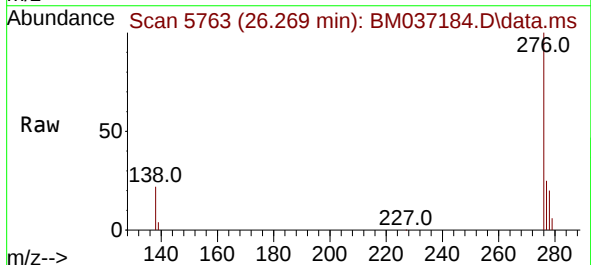


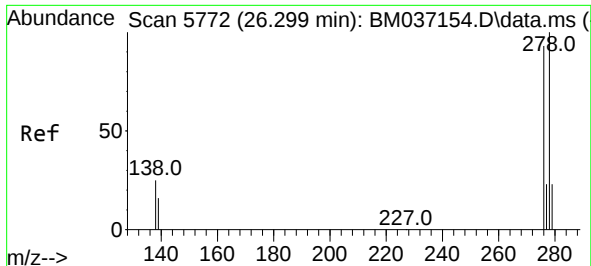
Tgt Ion:252 Resp: 483490
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 12.0 17.6 26.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.471 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.030 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:276 Resp: 368137
Ion Ratio Lower Upper
276 100
138 21.8 21.4 32.0
227 0.3 0.1 0.1#

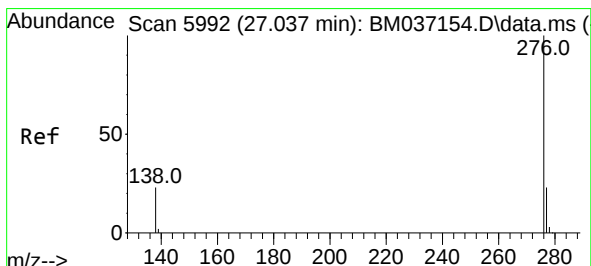
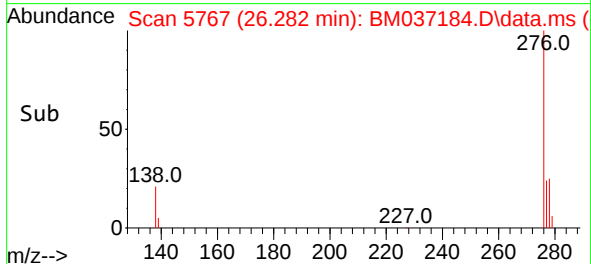
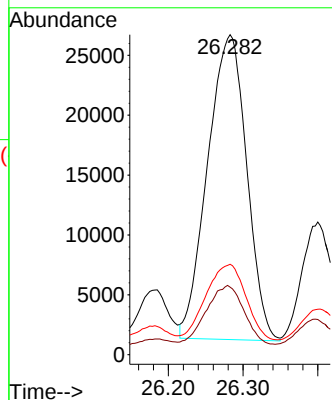
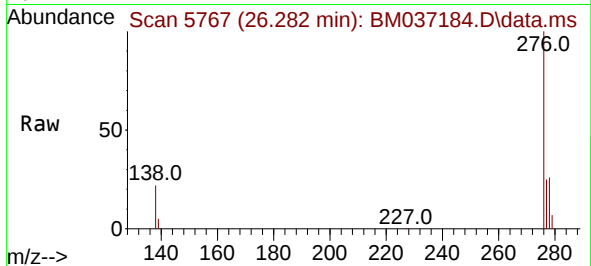




#28
Dibenzo(a,h)anthracene
Concen: 1.423 ng/ul
RT: 26.282 min Scan# 51
Delta R.T. -0.034 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Instrument :
BNA_N
ClientSampleId :
C0BE5

Tgt Ion:278 Resp: 92469
Ion Ratio Lower Upper
278 100
139 21.1 16.3 24.5
279 28.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 4.217 ng/ul
RT: 27.030 min Scan# 5990
Delta R.T. -0.027 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:276 Resp: 305442
Ion Ratio Lower Upper
276 100
138 22.4 19.8 29.8
277 24.0 20.1 30.1

