

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030909.D
 Acq On : 09 Jul 2021 06:37
 Operator : CG/JU
 Sample : M2877-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ7

Manual Integrations
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Quant Time: Jul 09 07:20:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	2361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.541	136	9488	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.391	164	5352	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.127	188	8756	0.400	ng/ul	-0.02
17) Chrysene-d12	21.297	240	6246	0.400	ng/ul	-0.02
23) Perylene-d12	23.537	264	7152	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.262	96	8673	3.371	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.137	152	3811	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.150	212	5875	0.328	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.590	128	9751	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.214	142	1375	0.076	ng/ul	98
8) 1-Methylnaphthalene	12.434	142	620	0.035	ng/ul	96
10) Acenaphthylene	14.106	152	15203	0.636	ng/ul	98
11) Acenaphthene	14.451	153	7361	0.380	ng/ul	98
12) Fluorene	15.437	166	7995	0.374	ng/ul	96
15) Phenanthrene	17.169	178	128258	4.357	ng/ul	99
16) Anthracene	17.259	178	67086	2.602	ng/ul	99
19) Fluoranthene	19.180	202	406268	14.737	ng/ul	99
20) Pyrene	19.542	202	288827	10.419	ng/ul	100
21) Benzo(a)anthracene	21.282	228	213154	8.561	ng/ul	97
22) Chrysene	21.333	228	184548	6.617	ng/ul	98
24) Benzo(b)fluoranthene	22.866	252	233184m	7.361	ng/ul	
25) Benzo(k)fluoranthene	22.905	252	88969m	2.724	ng/ul	
26) Benzo(a)pyrene	23.440	252	127786	4.743	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.800	276	88887	2.532	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.807	278	27593	0.980	ng/ul	96
29) Benzo(g,h,i)perylene	26.498	276	5325	0.175	ng/ul#	85

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

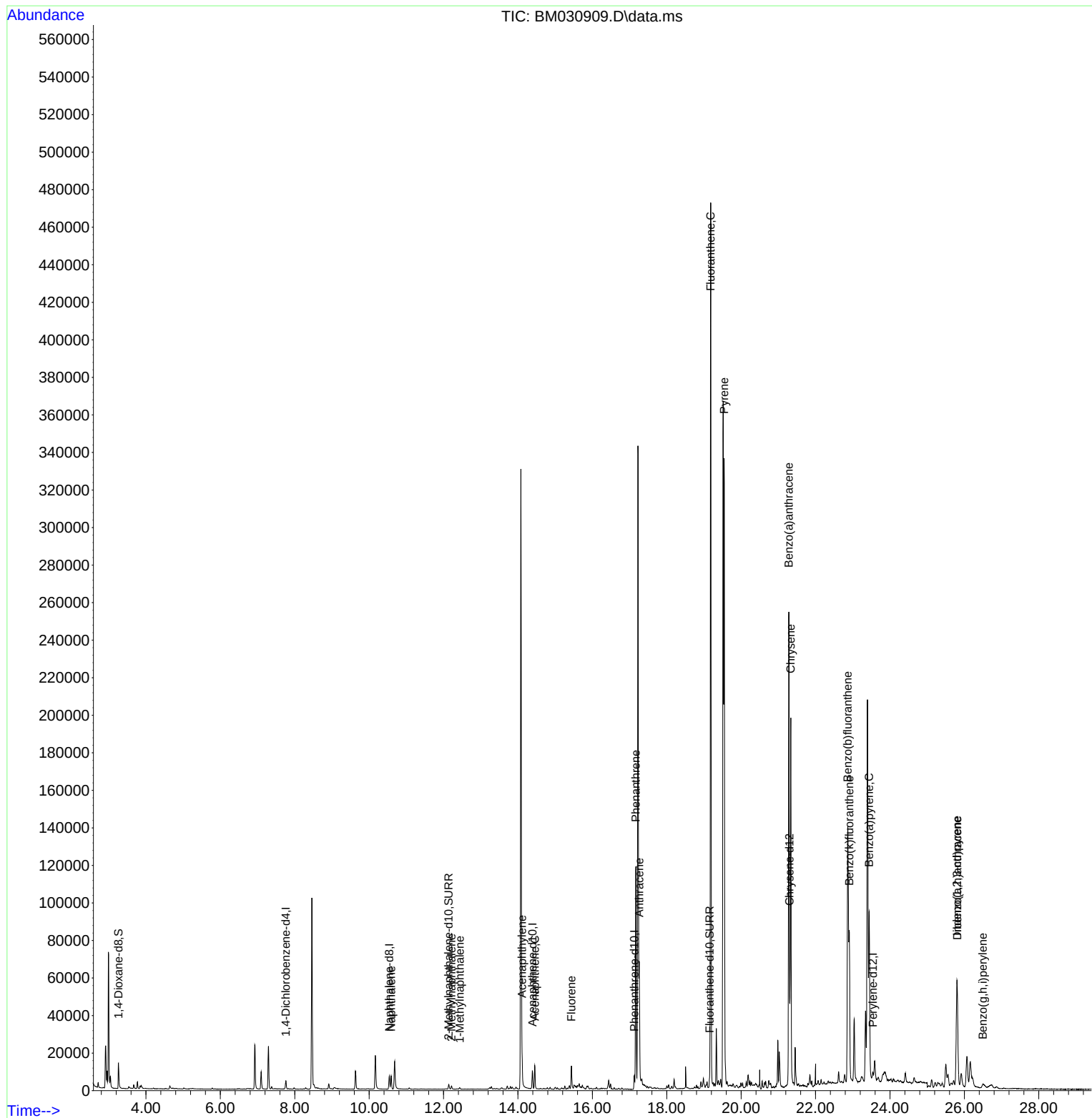
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
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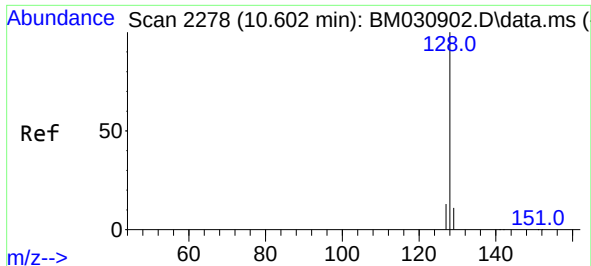
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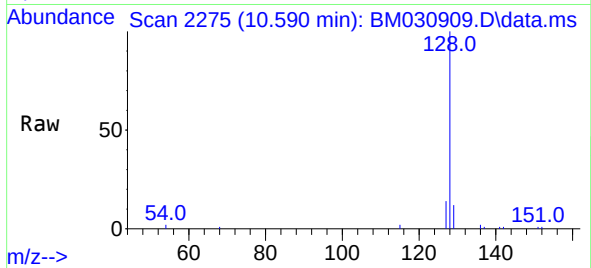
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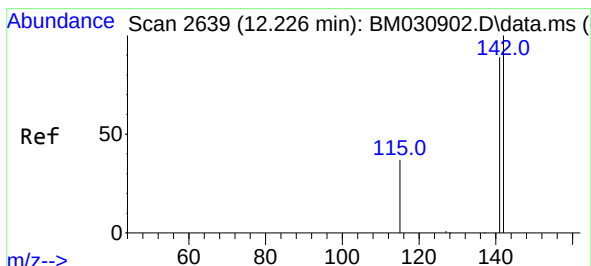
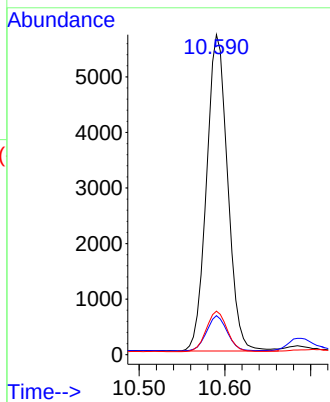
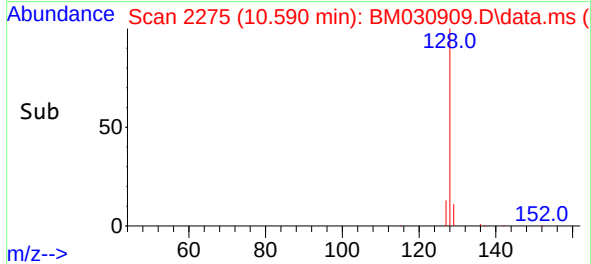




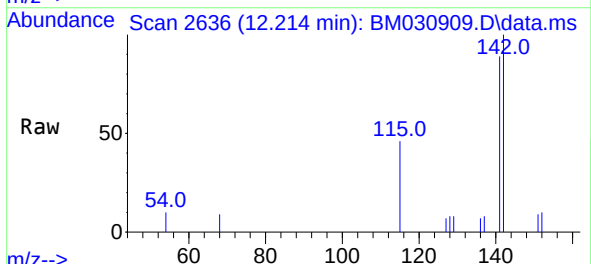
#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.590 min Scan# 2275
Delta R.T. -0.013 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



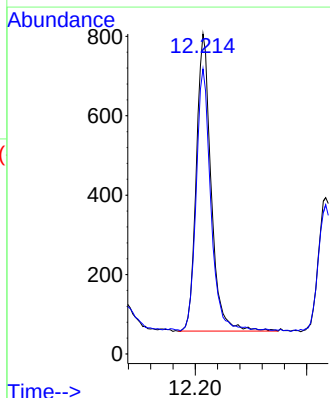
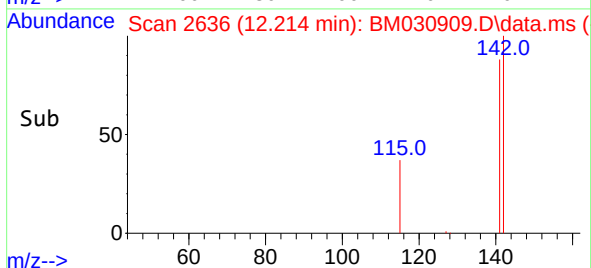
Tgt Ion:128 Resp: 9751
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 13.6 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.214 min Scan# 2636
Delta R.T. -0.018 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



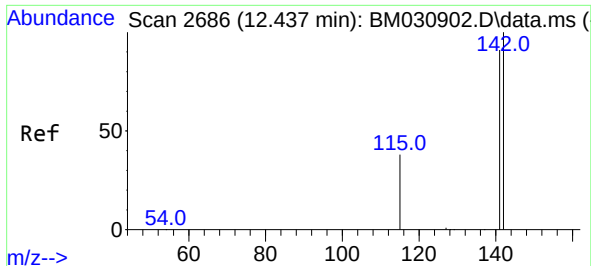
Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0



Instrument :
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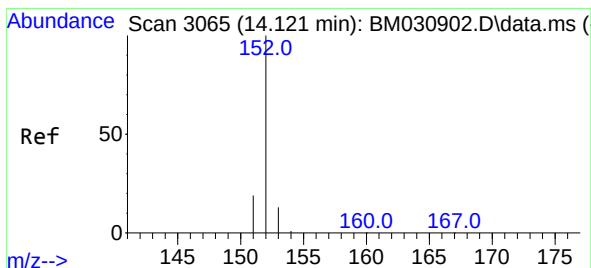
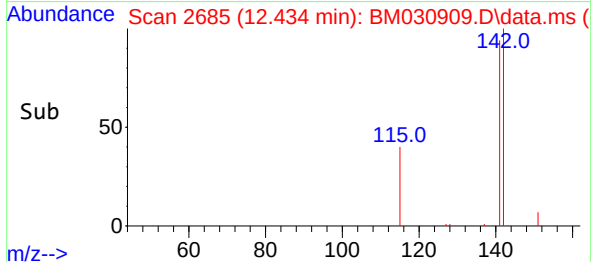
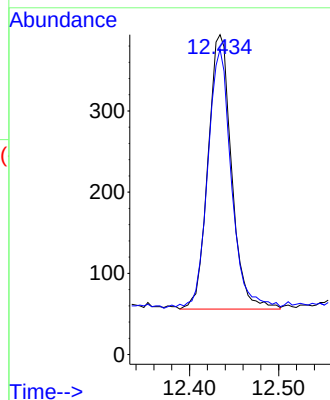
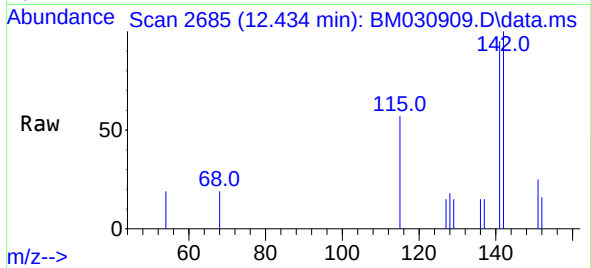
#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.434 min Scan# 2685
Delta R.T. -0.009 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37

Tgt Ion:142 Resp: 620
Ion Ratio Lower Upper
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141 95.2 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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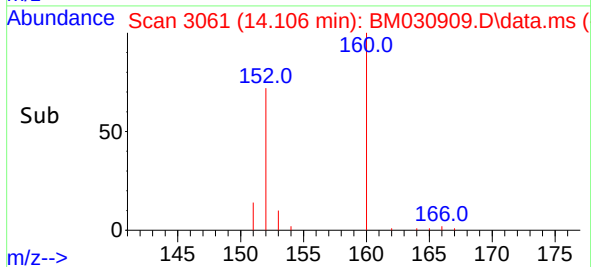
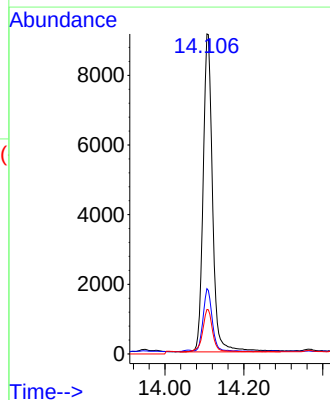
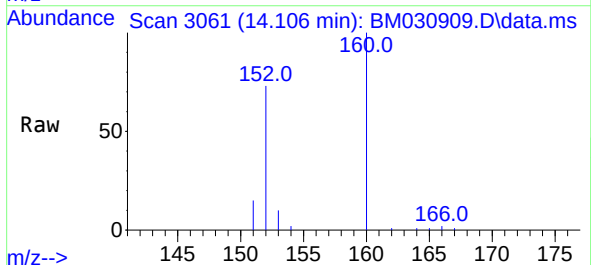
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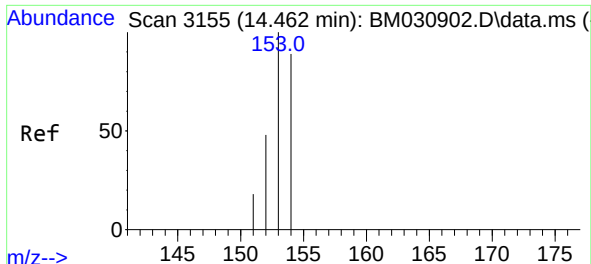
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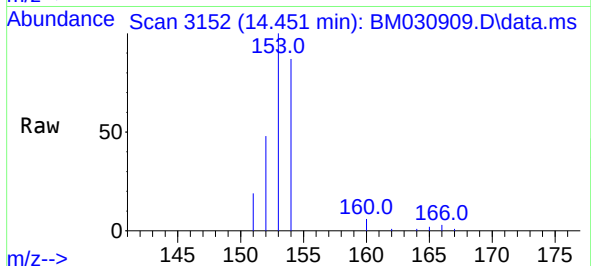
#10
Acenaphthylene
Concen: 0.636 ng/ul
RT: 14.106 min Scan# 3061
Delta R.T. -0.019 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37

Tgt Ion:152 Resp: 15203
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 13.9 10.7 16.1

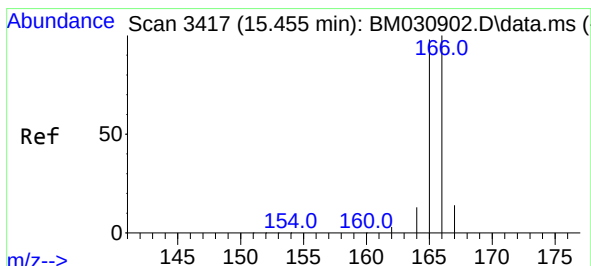
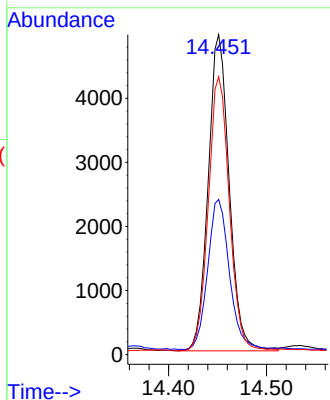
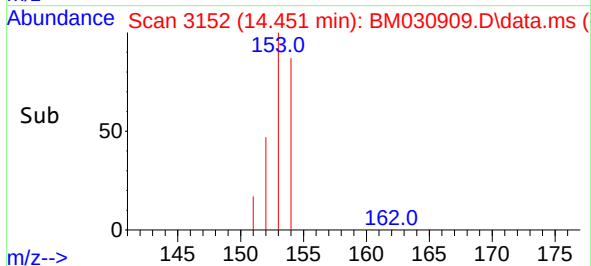




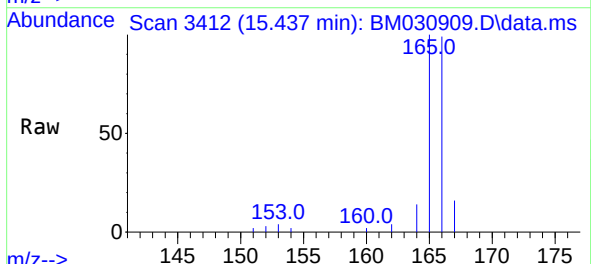
#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.451 min Scan# 3152
Delta R.T. -0.015 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



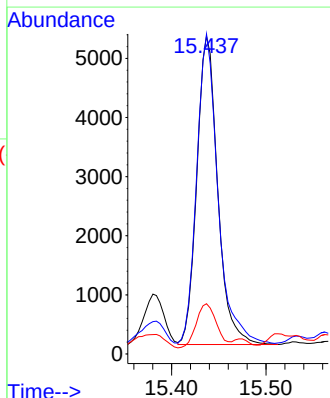
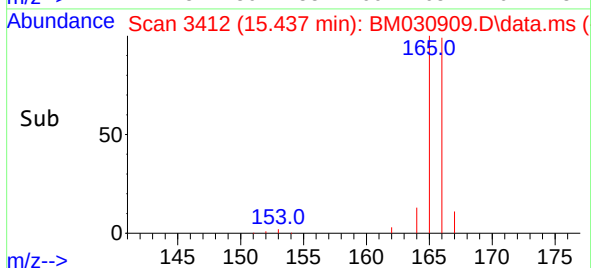
Tgt Ion:153 Resp: 7361
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.2
154 86.8 71.2 106.8



#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.437 min Scan# 3412
Delta R.T. -0.026 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



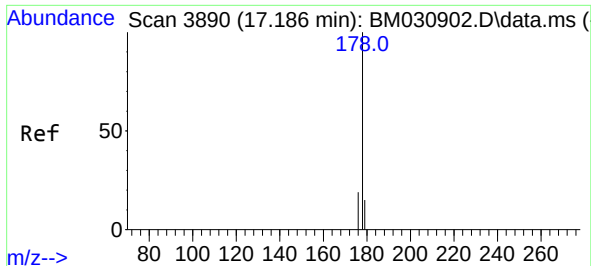
Tgt Ion:166 Resp: 7995
Ion Ratio Lower Upper
166 100
165 100.7 77.7 116.5
167 15.8 11.3 16.9



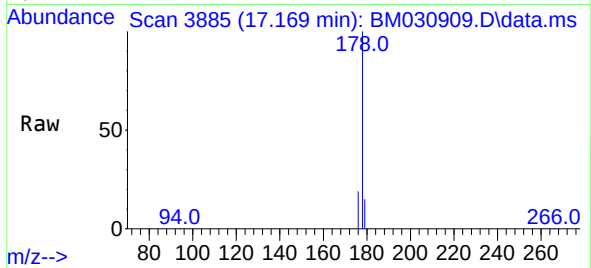
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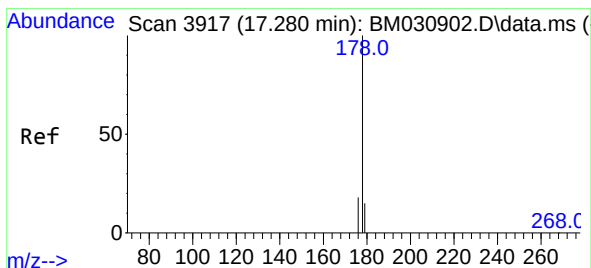
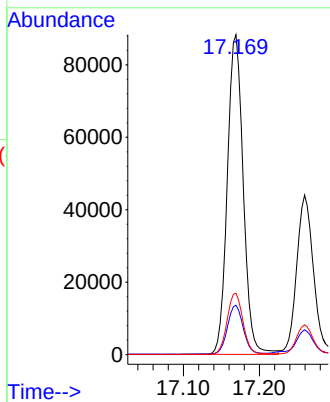
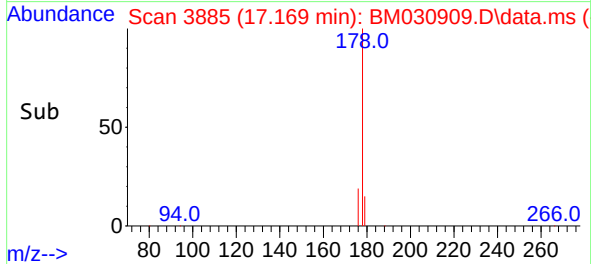
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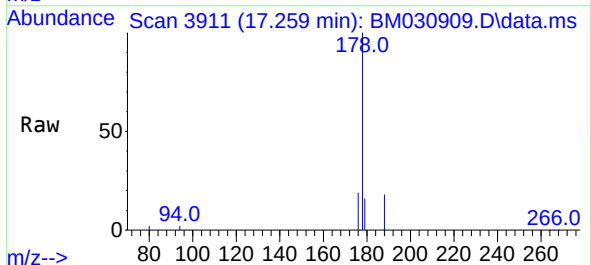
#15
Phenanthrene
Concen: 4.357 ng/u1
RT: 17.169 min Scan# 3885
Delta R.T. -0.024 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



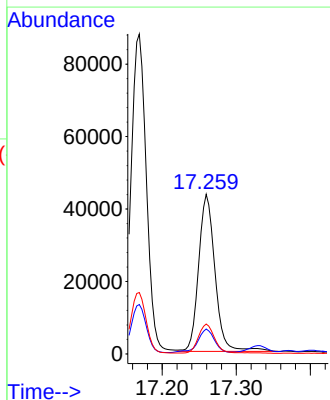
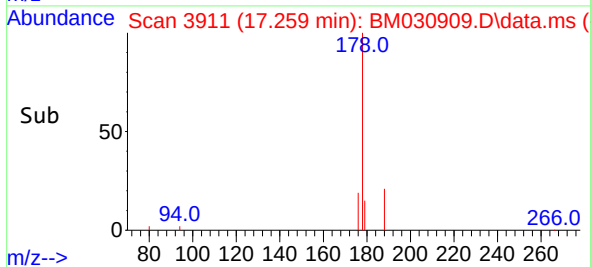
Tgt Ion:178 Resp: 128258
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 2.602 ng/u1
RT: 17.259 min Scan# 3911
Delta R.T. -0.031 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



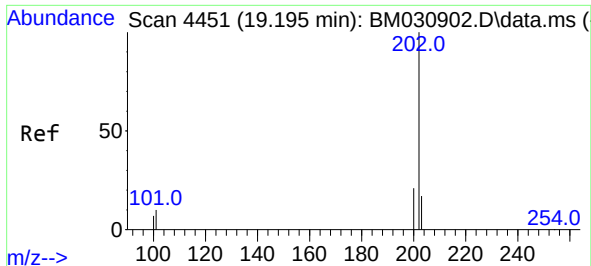
Tgt Ion:178 Resp: 67086
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.2 22.8



Instrument :
BNA_M
ClientSampled :
BGDZ7

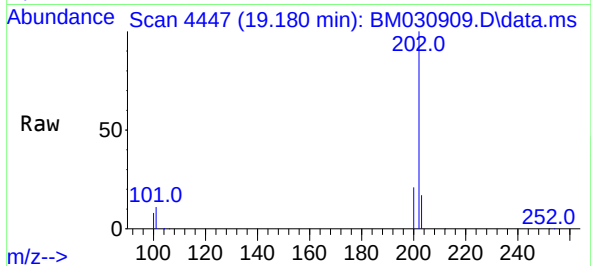
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#19
Fluoranthene
Concen: 14.737 ng/ul
RT: 19.180 min Scan# 4447
Delta R.T. -0.019 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37

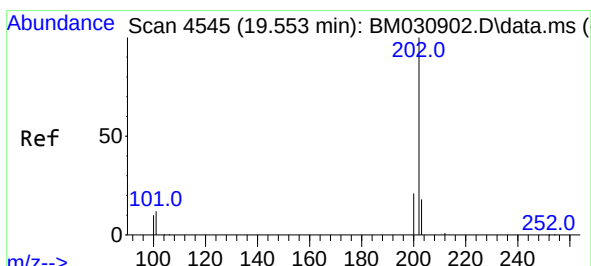
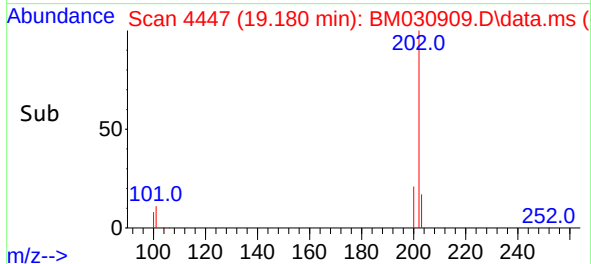
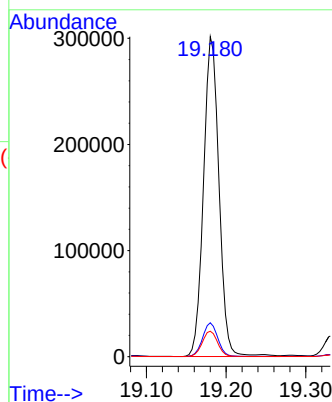
Instrument :
BNA_M
ClientSampled :
BGDZ7



Tgt Ion:202 Resp: 406268
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.0 6.9 10.3

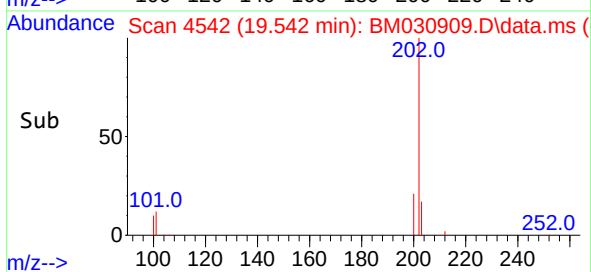
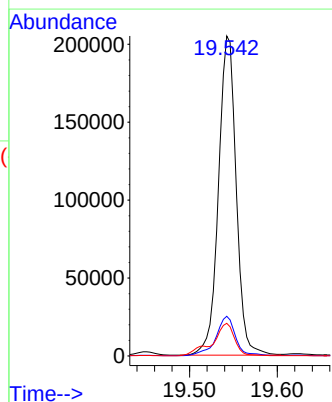
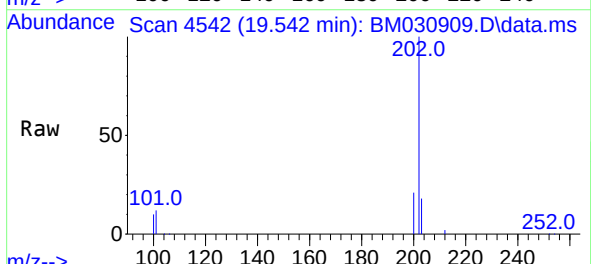
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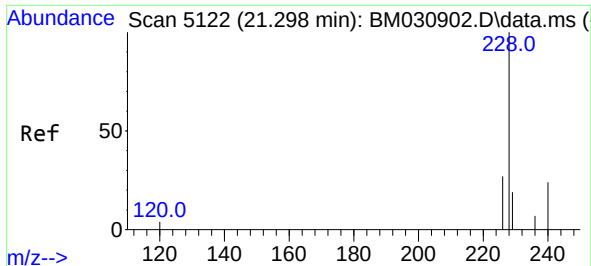
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#20
Pyrene
Concen: 10.419 ng/ul
RT: 19.542 min Scan# 4542
Delta R.T. -0.015 min
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Tgt Ion:202 Resp: 288827
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 10.2 8.2 12.2





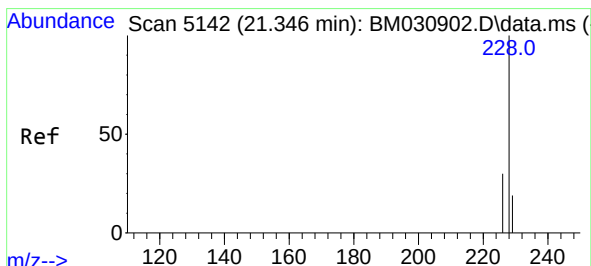
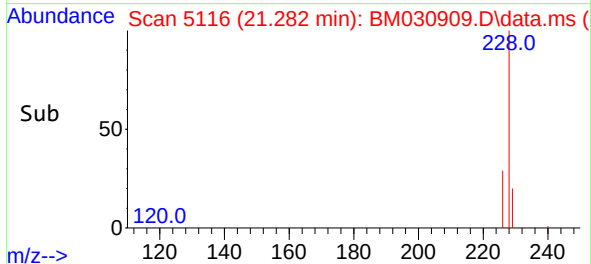
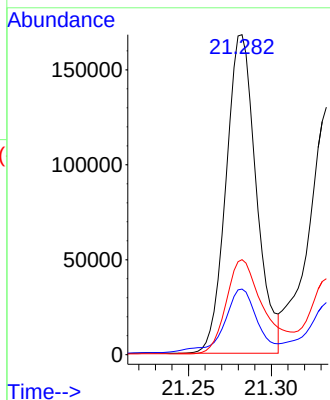
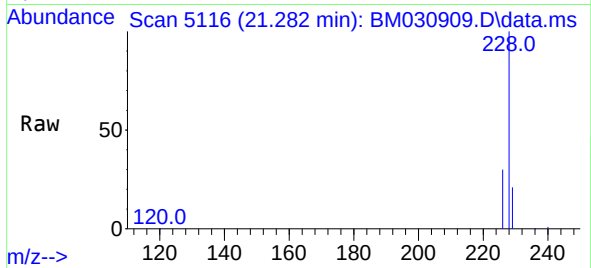
#21
Benzo(a)anthracene
Concen: 8.561 ng/ul
RT: 21.282 min Scan# 5116
Delta R.T. -0.022 min
Lab File: BM030909.D
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Tgt Ion:228 Resp: 213154
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.7 22.2 33.4

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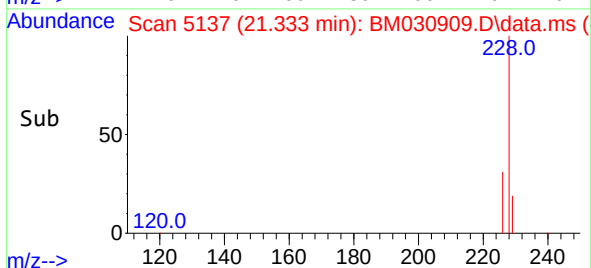
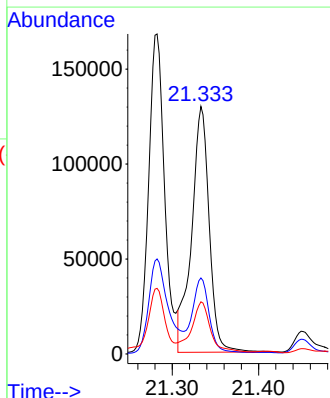
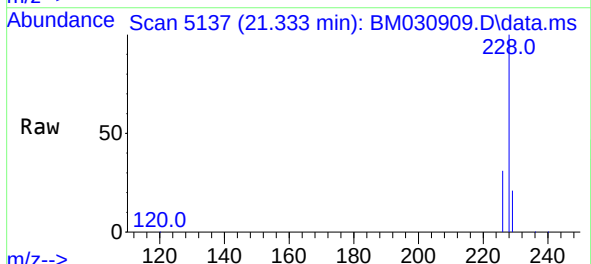
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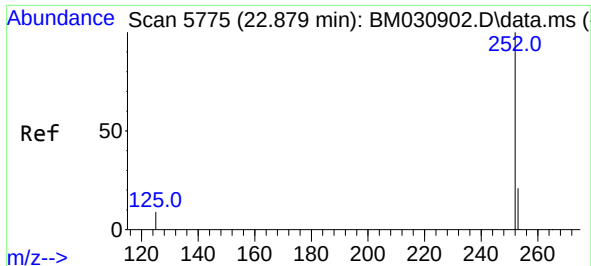
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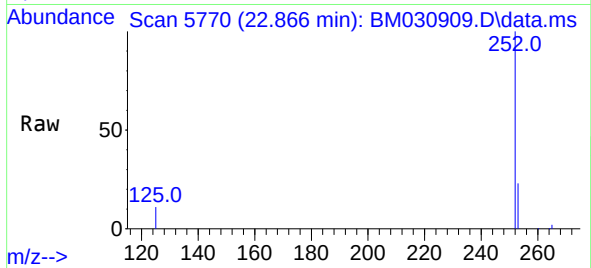
#22
Chrysene
Concen: 6.617 ng/ul
RT: 21.333 min Scan# 5137
Delta R.T. -0.019 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37

Tgt Ion:228 Resp: 184548
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.1 15.4 23.0

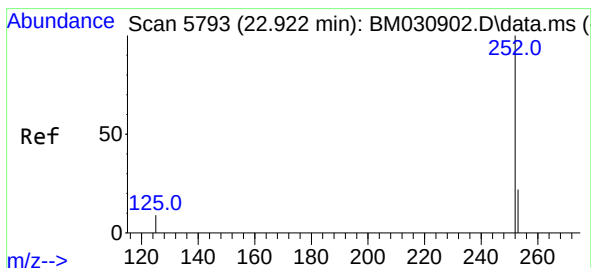
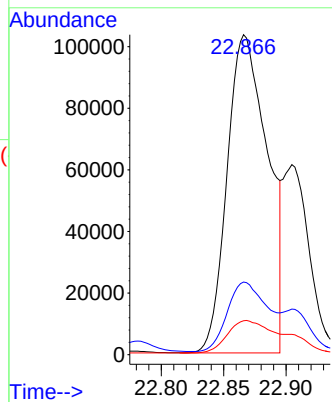
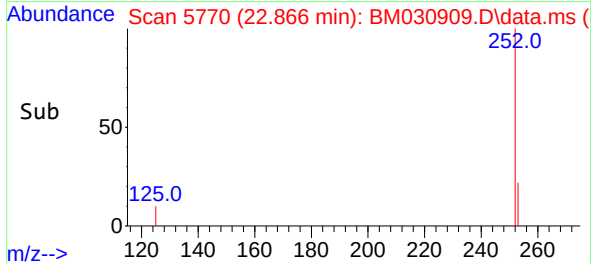




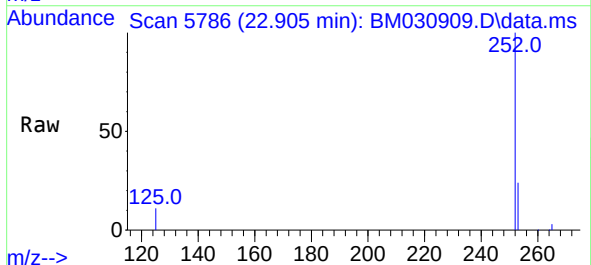
#24
Benzo(b)fluoranthene
Concen: 7.361 ng/ul m
RT: 22.866 min Scan# 5770
Delta R.T. -0.019 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



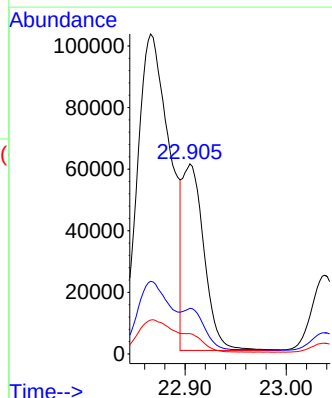
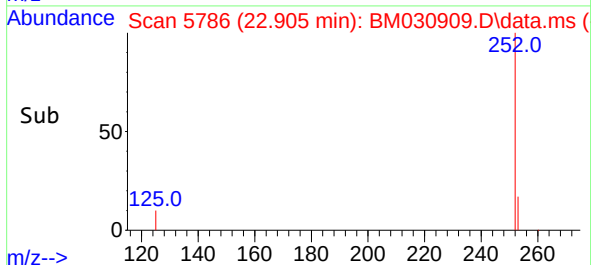
Tgt Ion:252 Resp: 233184
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.2
125 10.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 2.724 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.027 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



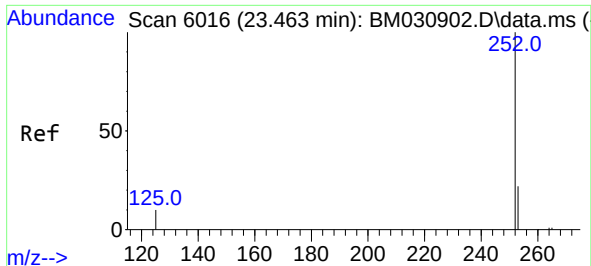
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Ion Ratio Lower Upper
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125 10.7 11.0 16.4#



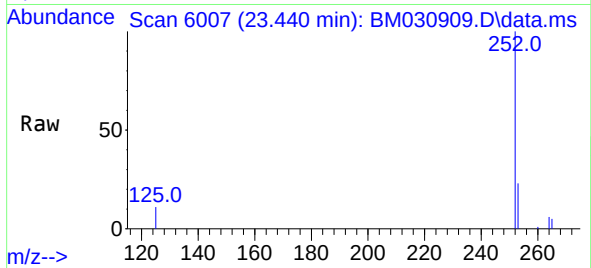
Instrument :
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ClientSampled :
BGDZ7

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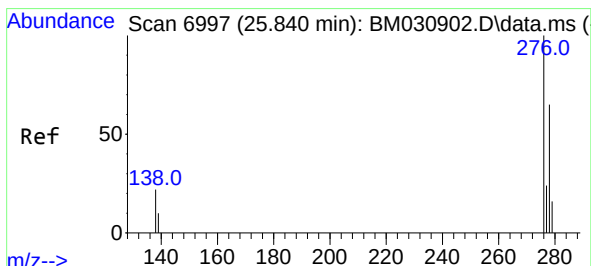
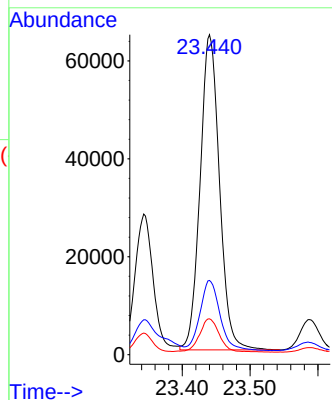
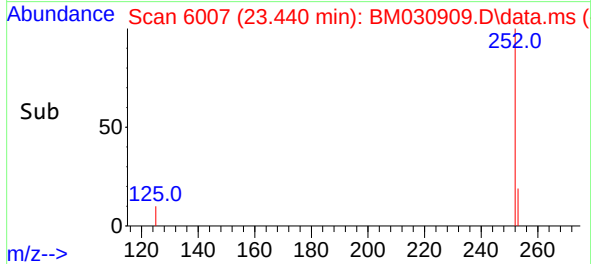
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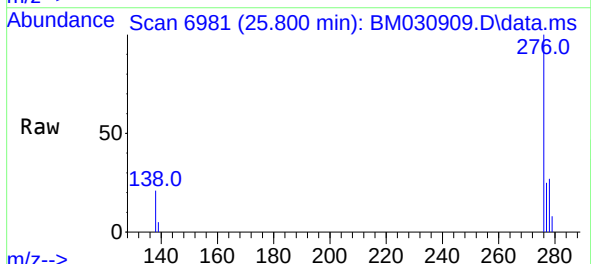
#26
Benzo(a)pyrene
Concen: 4.743 ng/ul
RT: 23.440 min Scan# 6007
Delta R.T. -0.029 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



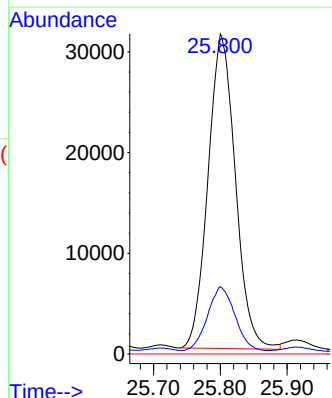
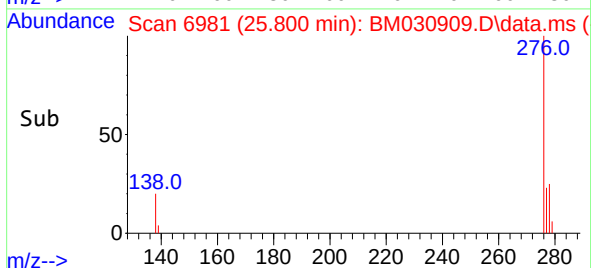
Tgt Ion:252 Resp: 127786
Ion Ratio Lower Upper
252 100
253 23.2 22.0 33.0
125 11.2 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.532 ng/ul
RT: 25.800 min Scan# 6981
Delta R.T. -0.053 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



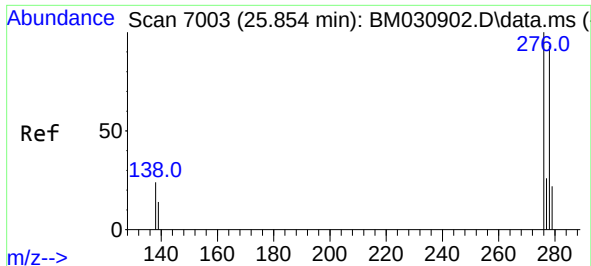
Tgt Ion:276 Resp: 88887
Ion Ratio Lower Upper
276 100
138 20.5 19.1 28.7
227 0.0 0.0 0.0



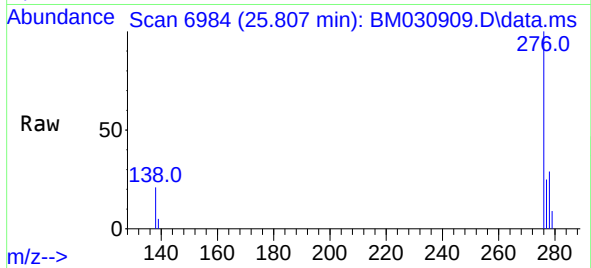
Instrument :
BNA_M
ClientSampleId :
BGDZ7

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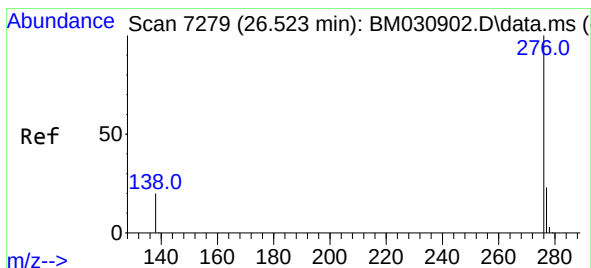
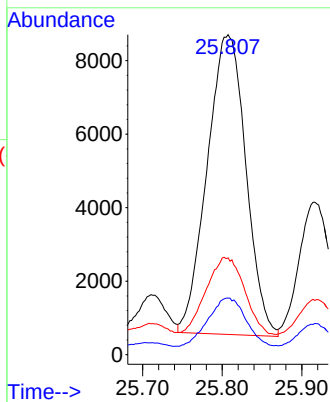
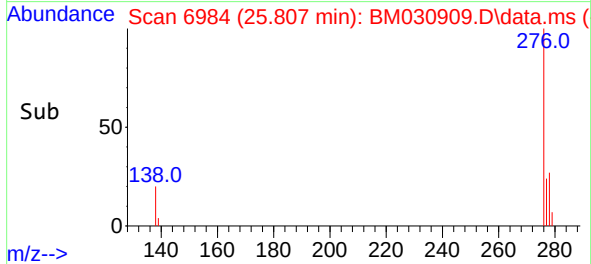
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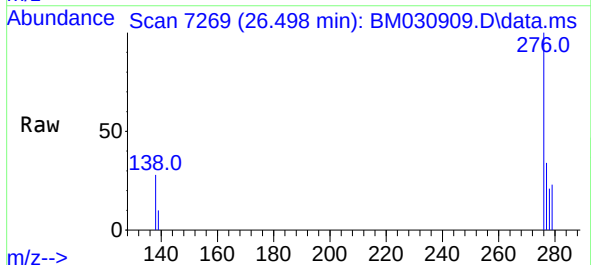
#28
Dibenzo(a,h)anthracene
Concen: 0.980 ng/ul
RT: 25.807 min Scan# 6984
Delta R.T. -0.060 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



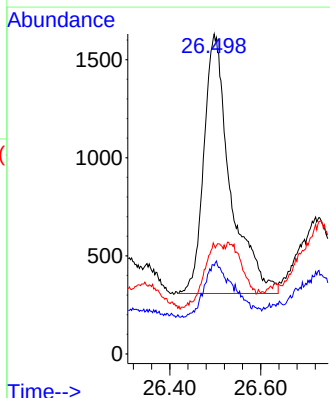
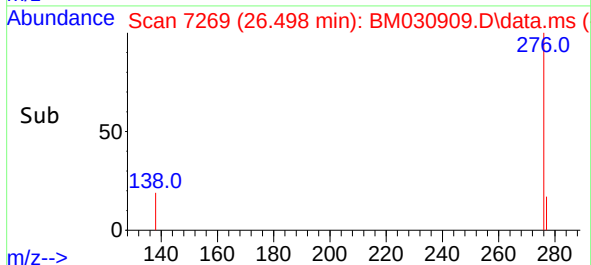
Tgt Ion: 278 Resp: 27593
Ion Ratio Lower Upper
278 100
139 17.7 14.2 21.4
279 30.2 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.498 min Scan# 7269
Delta R.T. -0.041 min
Lab File: BM030909.D
Acq: 09 Jul 2021 06:37



Tgt Ion: 276 Resp: 5325
Ion Ratio Lower Upper
276 100
138 27.6 18.0 27.0#
277 34.0 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDZ7

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