

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031721.D
 Acq On : 13 Aug 2021 18:59
 Operator : CG/JU
 Sample : M3208-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E5

Manual Integrations
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mohammad
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Quant Time: Aug 14 00:49:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1034	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	3913	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2298	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4242	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.151	240	3527	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	3400	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	2972	2.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1182	0.179	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	2573	0.219	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	2200	0.189	ng/ul#	94
7) 2-Methylnaphthalene	11.998	142	2313	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	2269	0.288	ng/ul	100
10) Acenaphthylene	13.923	152	5635	0.576	ng/ul	99
11) Acenaphthene	14.265	153	472	0.057	ng/ul#	91
12) Fluorene	15.259	166	1301	0.137	ng/ul#	93
15) Phenanthrene	16.992	178	26610	1.975	ng/ul	97
16) Anthracene	17.086	178	5883	0.466	ng/ul	98
19) Fluoranthene	19.016	202	51956	3.450	ng/ul	96
20) Pyrene	19.382	202	42964	2.813	ng/ul	97
21) Benzo(a)anthracene	21.135	228	24601	1.727	ng/ul	93
22) Chrysene	21.185	228	26291	1.784	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	32458m	2.119	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	11846m	0.748	ng/ul	
26) Benzo(a)pyrene	23.212	252	19986	1.490	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.434	276	14358	0.828	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.444	278	3982	0.285	ng/ul#	73
29) Benzo(g,h,i)perylene	26.088	276	2308	0.156	ng/ul#	72

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

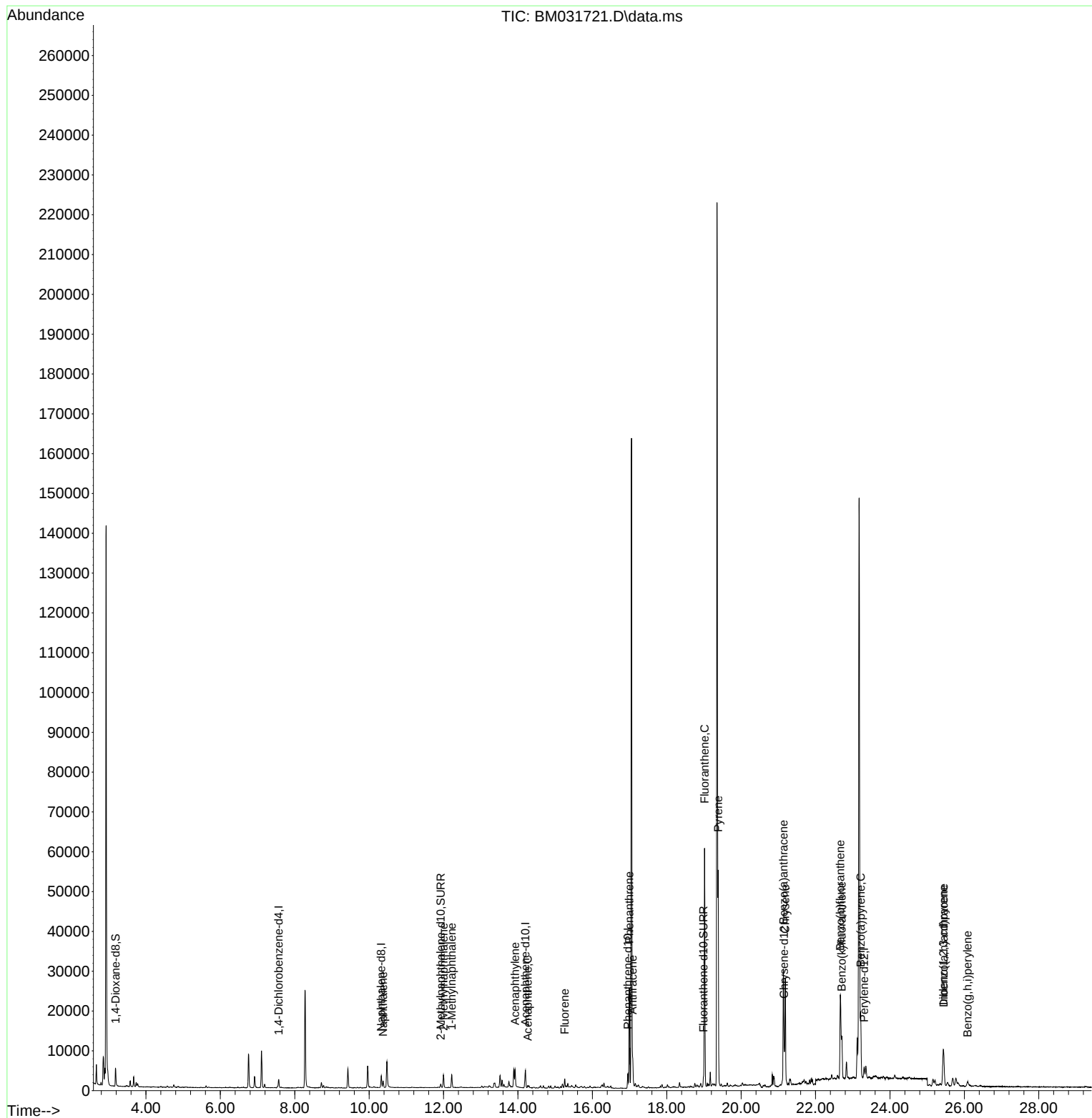
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Data File : BM031721.D
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Operator : CG/JU
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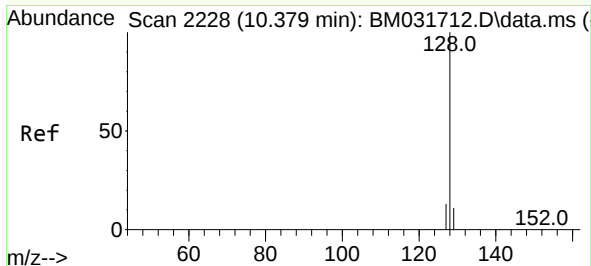
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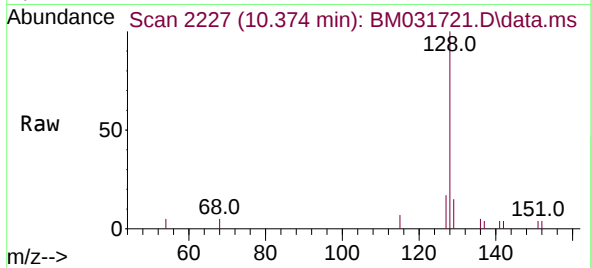
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Thu Aug 12 17:28:09 2021
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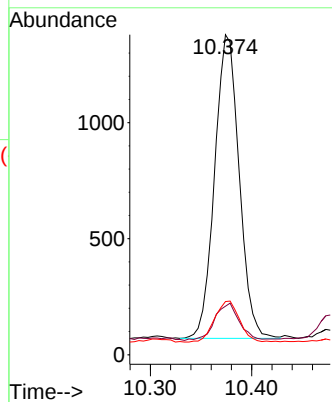
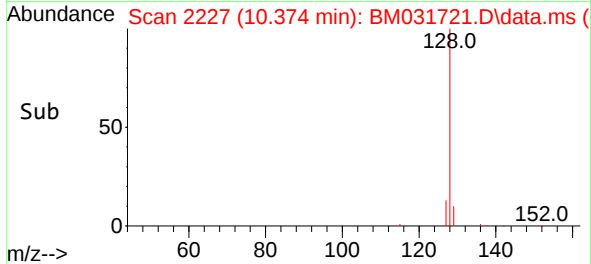




#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



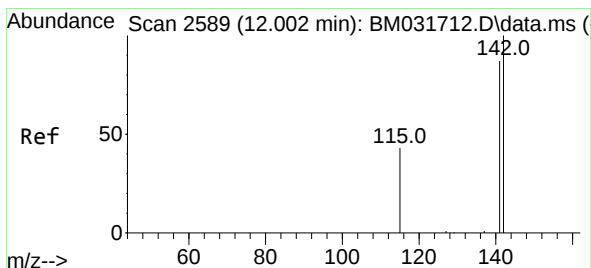
Tgt Ion:128 Resp: 2200
Ion Ratio Lower Upper
128 100
129 15.2 10.0 15.0#
127 16.6 11.6 17.4



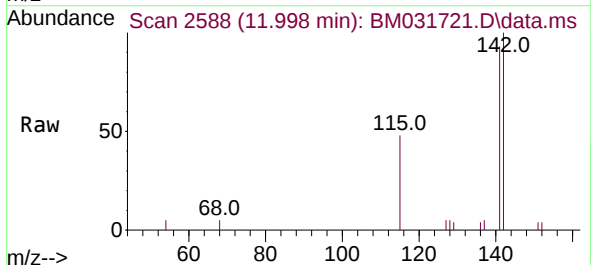
Instrument :
BNA_M
ClientSampled :
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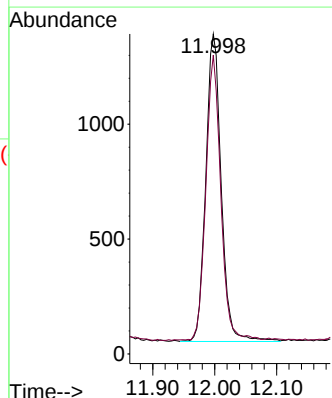
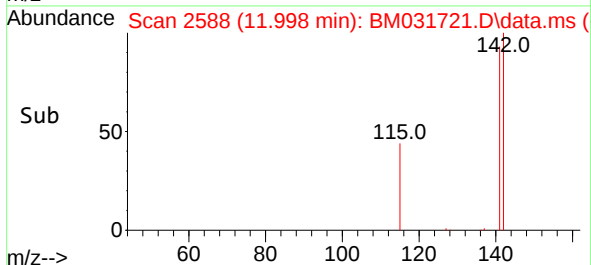
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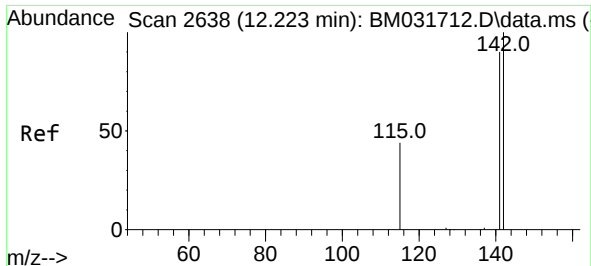


#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



Tgt Ion:142 Resp: 2313
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





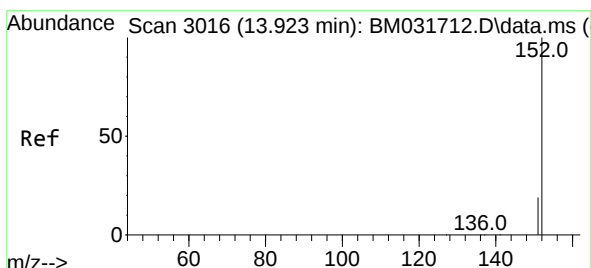
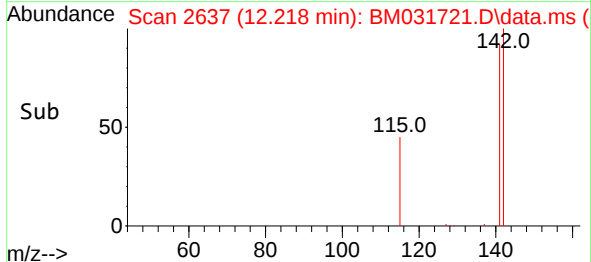
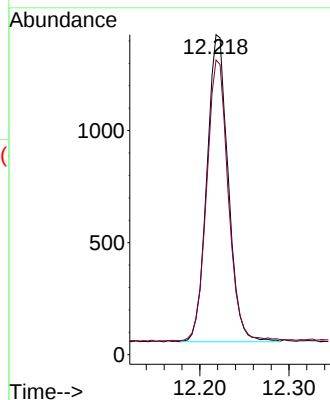
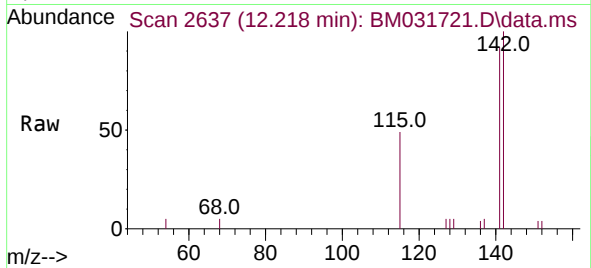
#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion:142 Resp: 2269
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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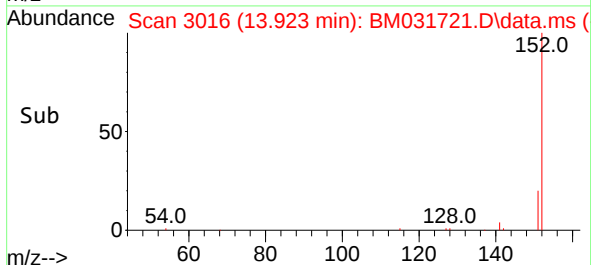
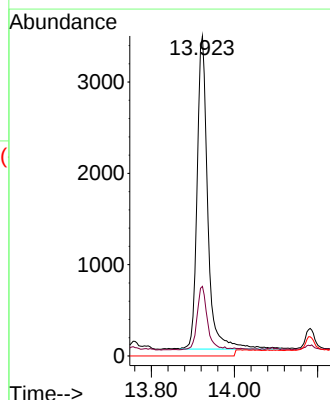
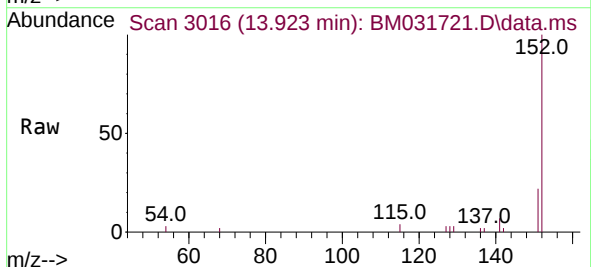
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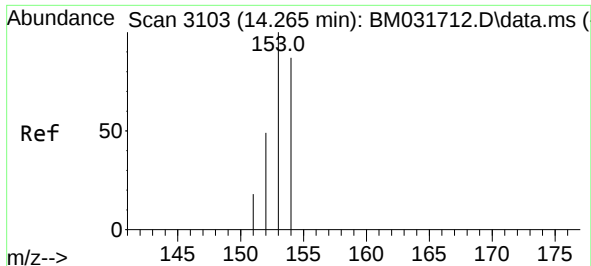
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#10
Acenaphthylene
Concen: 0.576 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

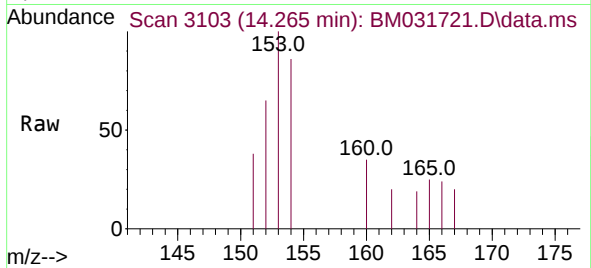
Tgt Ion:152 Resp: 5635
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

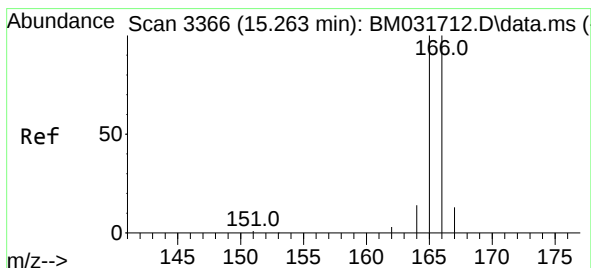
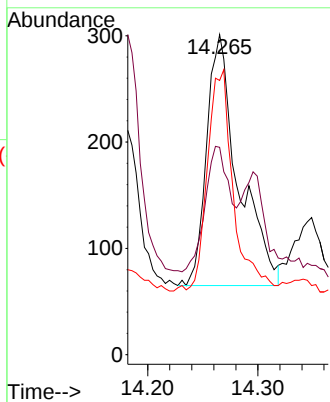
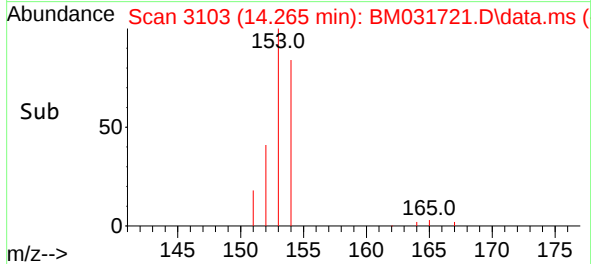
Instrument :
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ClientSampled :
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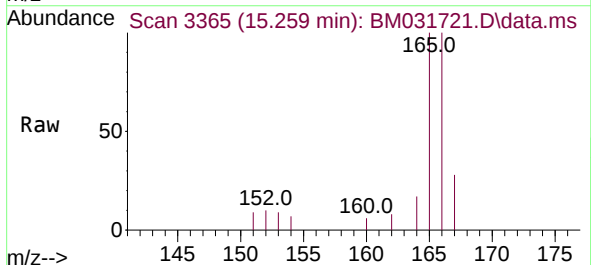
Tgt Ion:153 Resp: 472
Ion Ratio Lower Upper
153 100
152 64.8 40.7 61.1#
154 85.7 70.2 105.2

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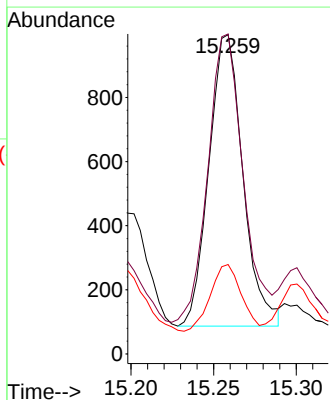
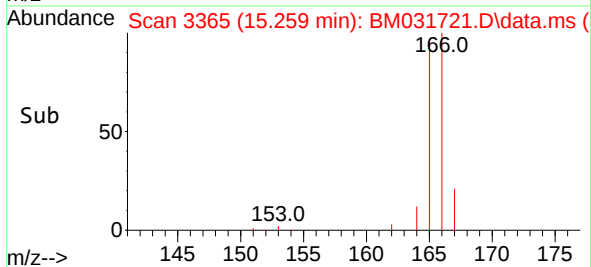
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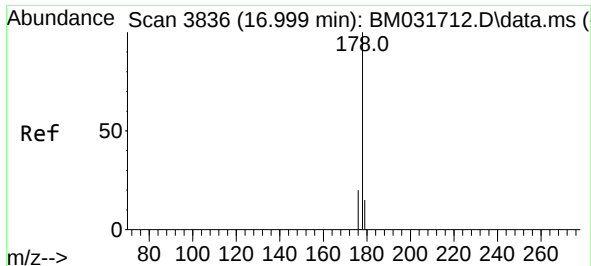


#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

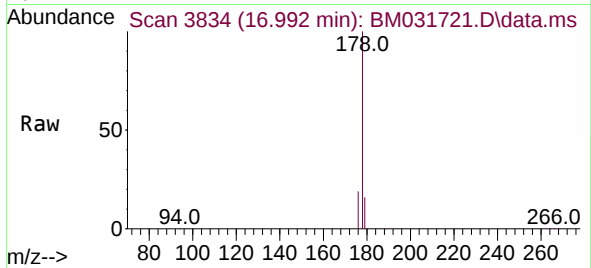


Tgt Ion:166 Resp: 1301
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 28.0 12.0 18.0#

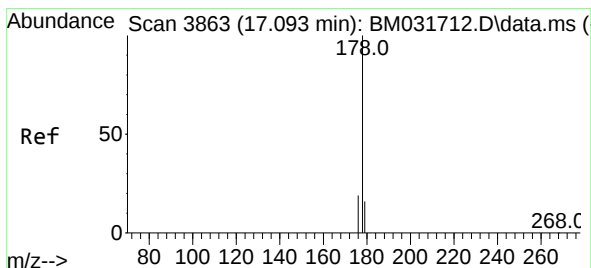
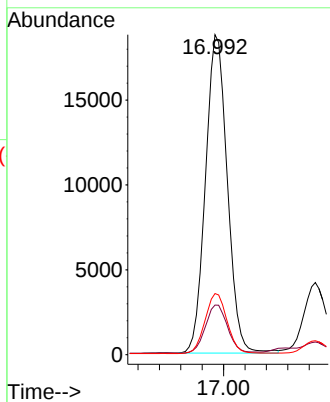
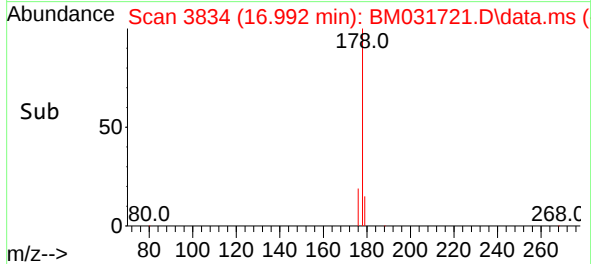




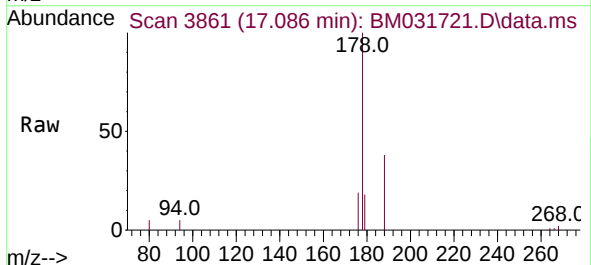
#15
Phenanthrene
Concen: 1.975 ng/u1
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



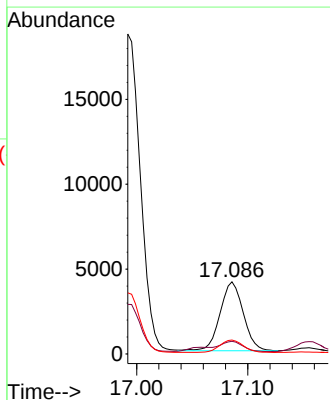
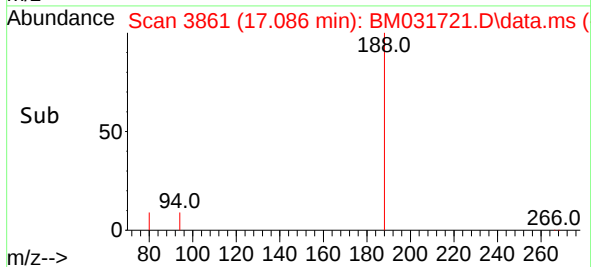
Tgt Ion:178 Resp: 26610
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 0.466 ng/u1
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



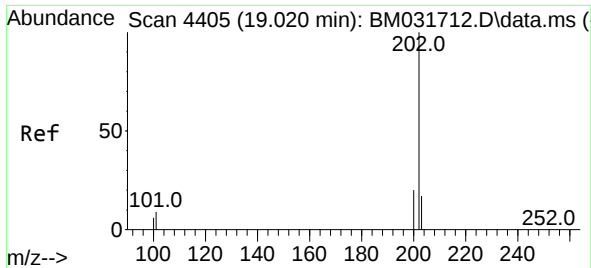
Tgt Ion:178 Resp: 5883
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 19.4 15.6 23.4



Instrument :
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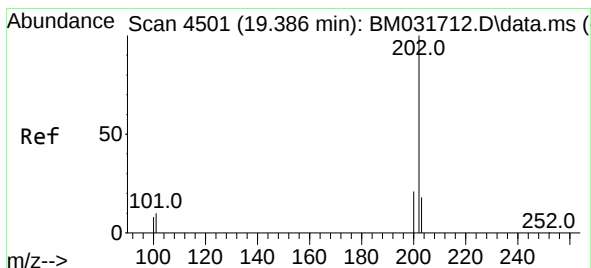
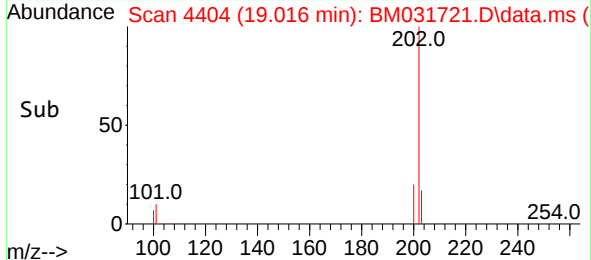
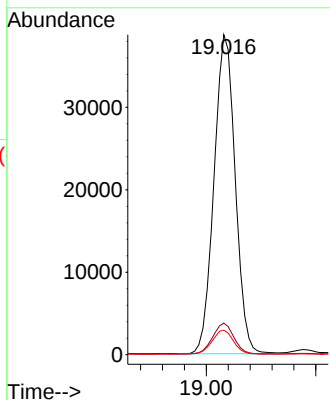
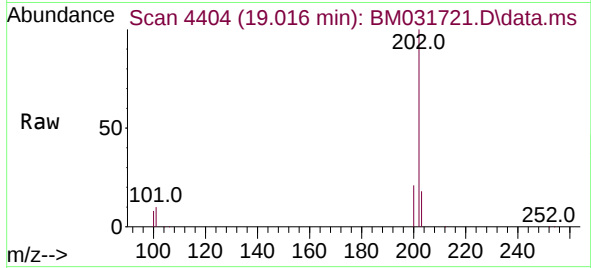
#19
Fluoranthene
Concen: 3.450 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion:	202	Resp:	51956
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.6	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00E5

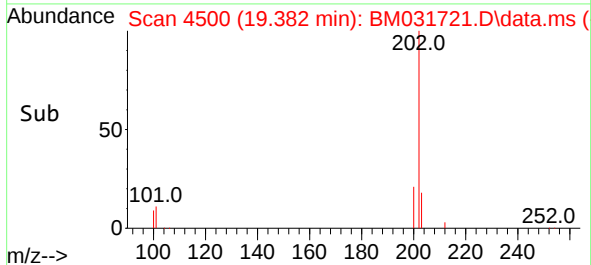
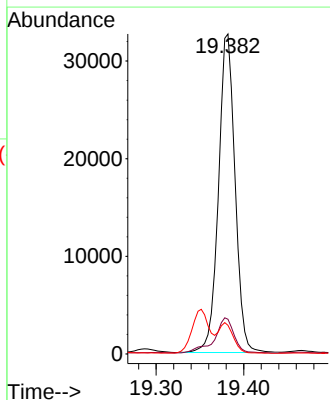
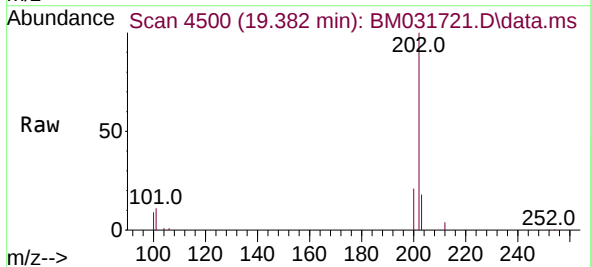
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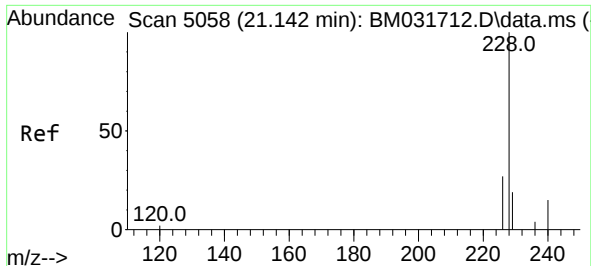
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#20
Pyrene
Concen: 2.813 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion:	202	Resp:	42964
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.8	11.6
100	9.0	6.6	10.0





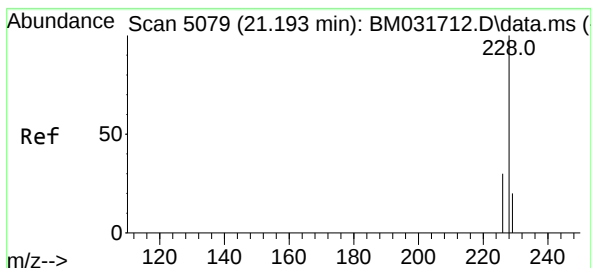
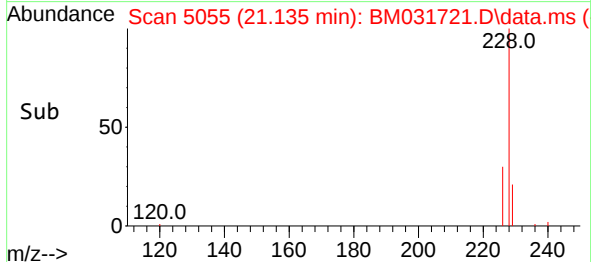
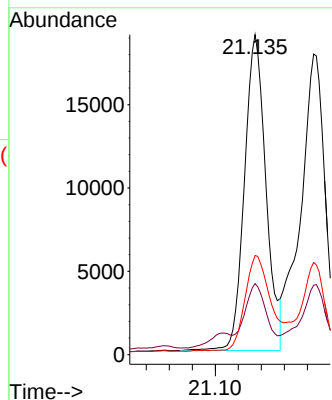
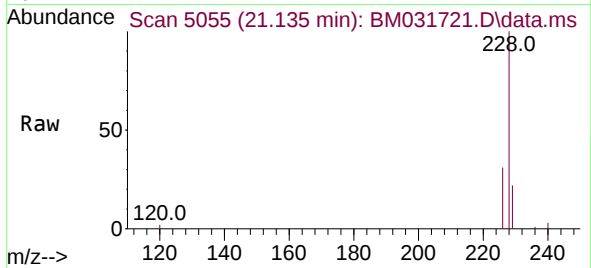
#21
Benzo(a)anthracene
Concen: 1.727 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion:228	Resp:	24601
Ion Ratio	Lower	Upper
228	100	
229	22.2	15.6 23.4
226	31.0	21.7 32.5

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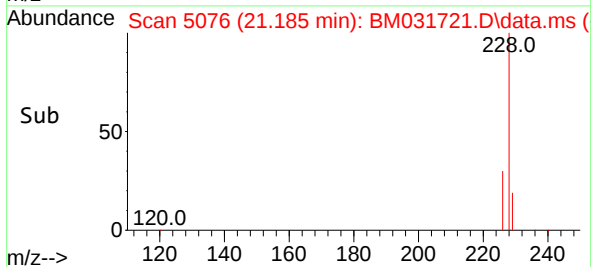
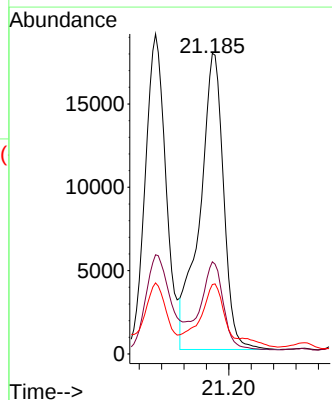
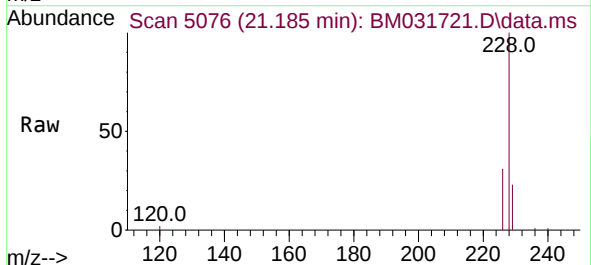
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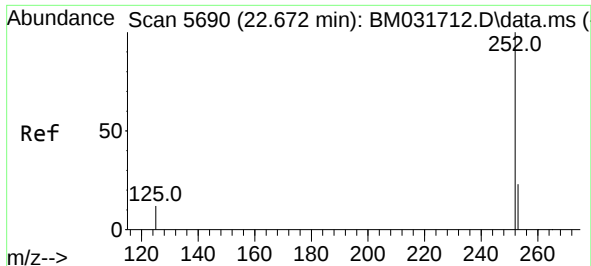
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#22
Chrysene
Concen: 1.784 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion:228	Resp:	26291
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.7 37.1
229	23.1	16.2 24.2





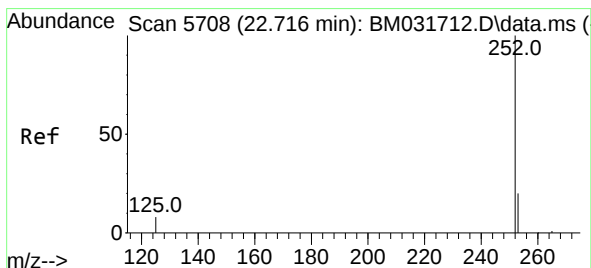
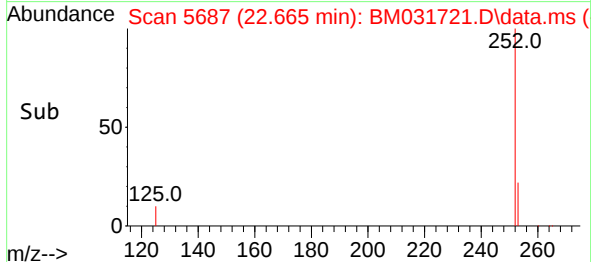
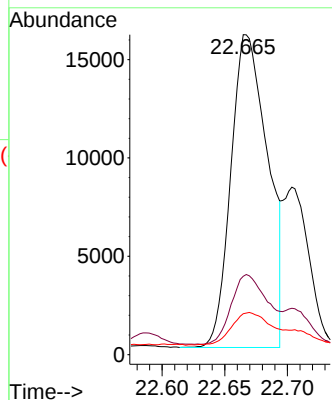
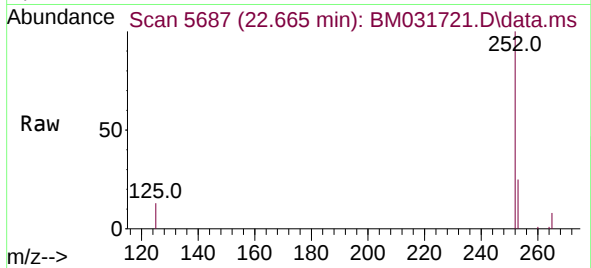
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Benzo(b)fluoranthene
Concen: 2.119 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	53.0
125	12.8	0.0	22.8

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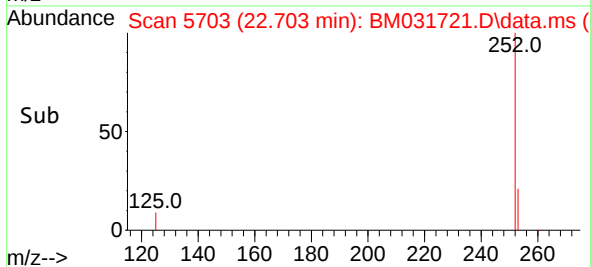
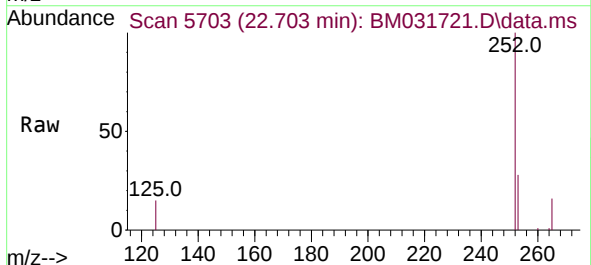
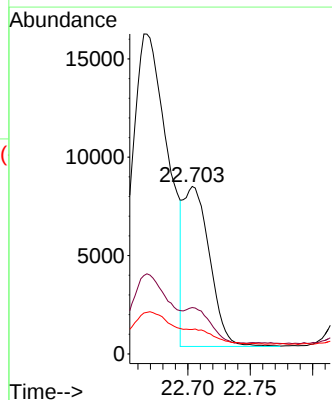
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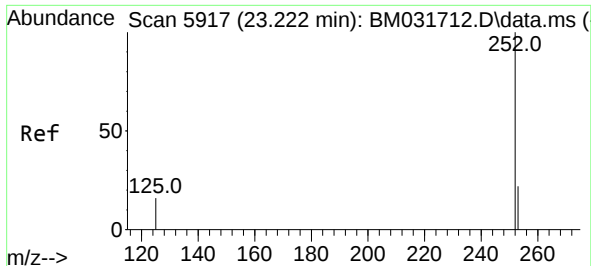
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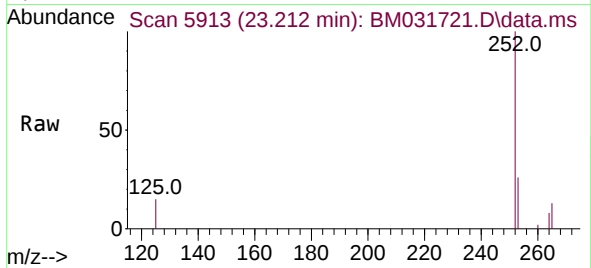
#25
Benzo(k)fluoranthene
Concen: 0.748 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.3	31.9
125	14.6	8.8	13.2

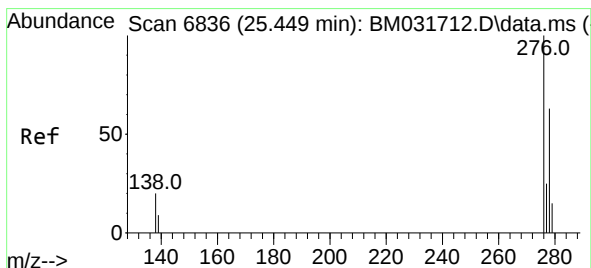
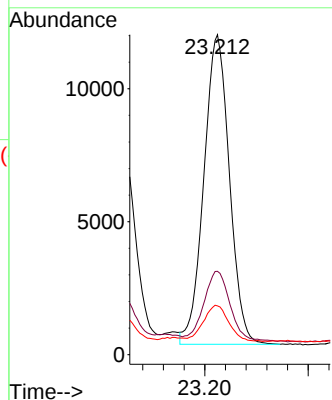
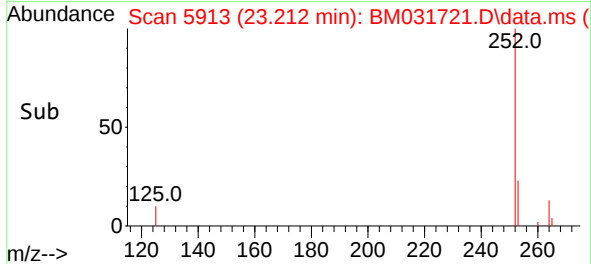




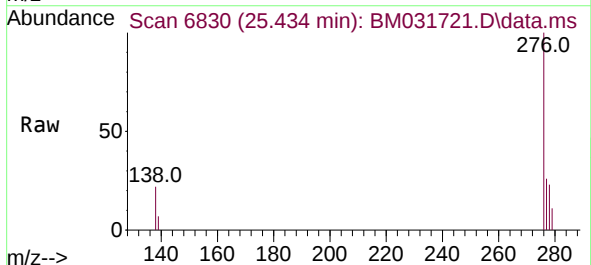
#26
Benzo(a)pyrene
Concen: 1.490 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



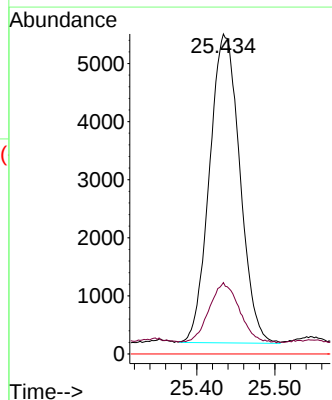
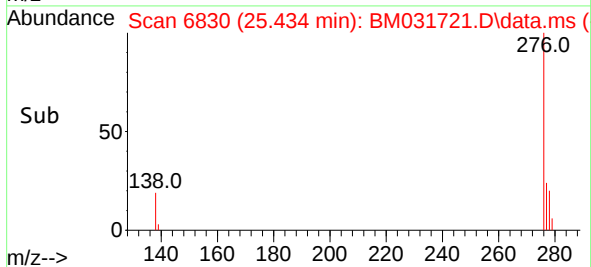
Tgt Ion:252 Resp: 19986
Ion Ratio Lower Upper
252 100
253 26.0 22.4 33.6
125 15.2 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.828 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



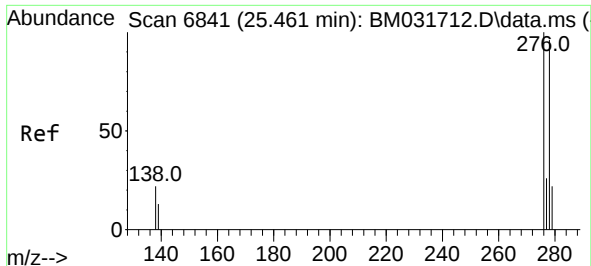
Tgt Ion:276 Resp: 14358
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



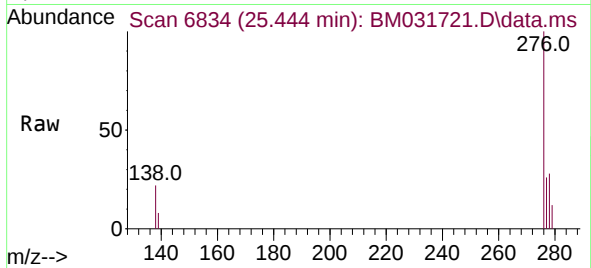
Instrument :
BNA_M
ClientSampled :
C00E5

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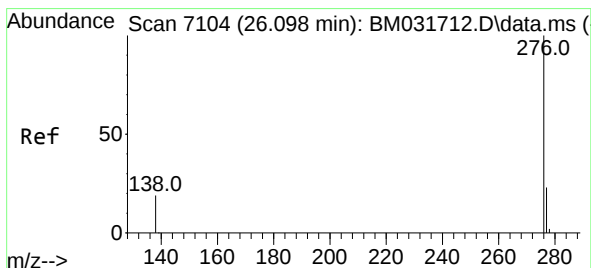
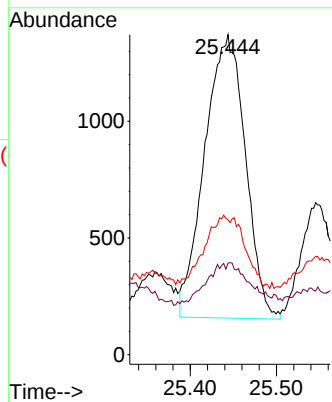
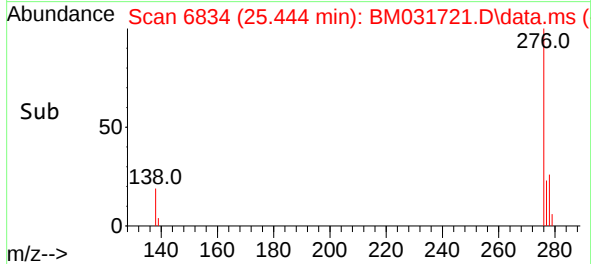
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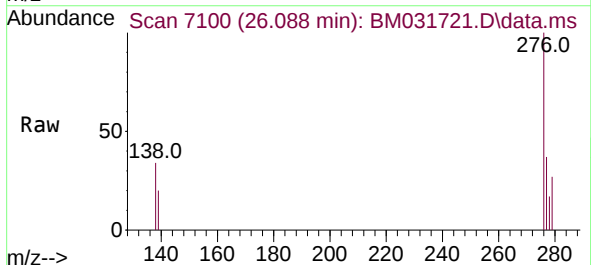
#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



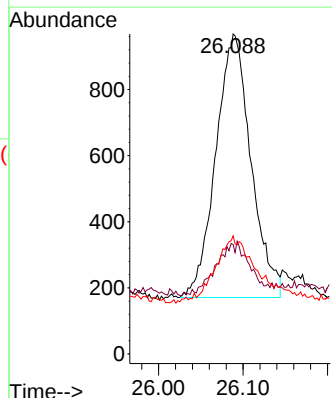
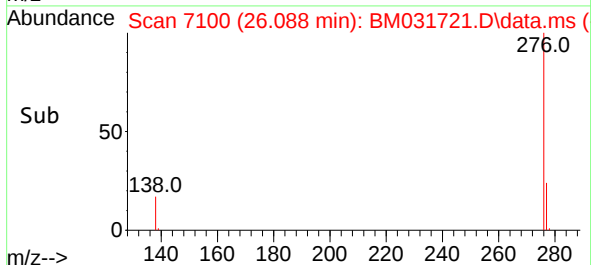
Tgt Ion: 278 Resp: 3982
Ion Ratio Lower Upper
278 100
139 28.6 13.3 19.9#
279 42.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031721.D
Acq: 13 Aug 2021 18:59



Tgt Ion: 276 Resp: 2308
Ion Ratio Lower Upper
276 100
138 34.2 15.4 23.2#
277 36.9 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C00E5

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