

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030644.D
 Acq On : 26 Jun 2021 18:57
 Operator : CG/JU
 Sample : M2682-17
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC5

Manual Integrations
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Quant Time: Jun 27 02:42:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	3751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	15692	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	9559	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	17890	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	11637	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	11628	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6947	1.731	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.169	152	2841	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	6402	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	1846	0.040	ng/ul#	88
10) Acenaphthylene	14.140	152	2221	0.050	ng/ul#	88
11) Acenaphthene	14.481	153	5407	0.148	ng/ul	97
12) Fluorene	15.463	166	3649	0.090	ng/ul	98
15) Phenanthrene	17.197	178	78729	1.236	ng/ul	99
16) Anthracene	17.287	178	9398	0.168	ng/ul	97
19) Fluoranthene	19.207	202	159648	2.984	ng/ul	98
20) Pyrene	19.569	202	119058	2.172	ng/ul	97
21) Benzo(a)anthracene	21.306	228	51388	1.112	ng/ul	97
22) Chrysene	21.357	228	58050	1.131	ng/ul	97
24) Benzo(b)fluoranthene	22.900	252	68363m	1.352	ng/ul	
25) Benzo(k)fluoranthene	22.939	252	24949m	0.470	ng/ul	
26) Benzo(a)pyrene	23.474	252	37149	0.828	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.853	276	27221	0.477	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.858	278	7745	0.170	ng/ul#	79
29) Benzo(g,h,i)perylene	26.561	276	2906	0.059	ng/ul#	69

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

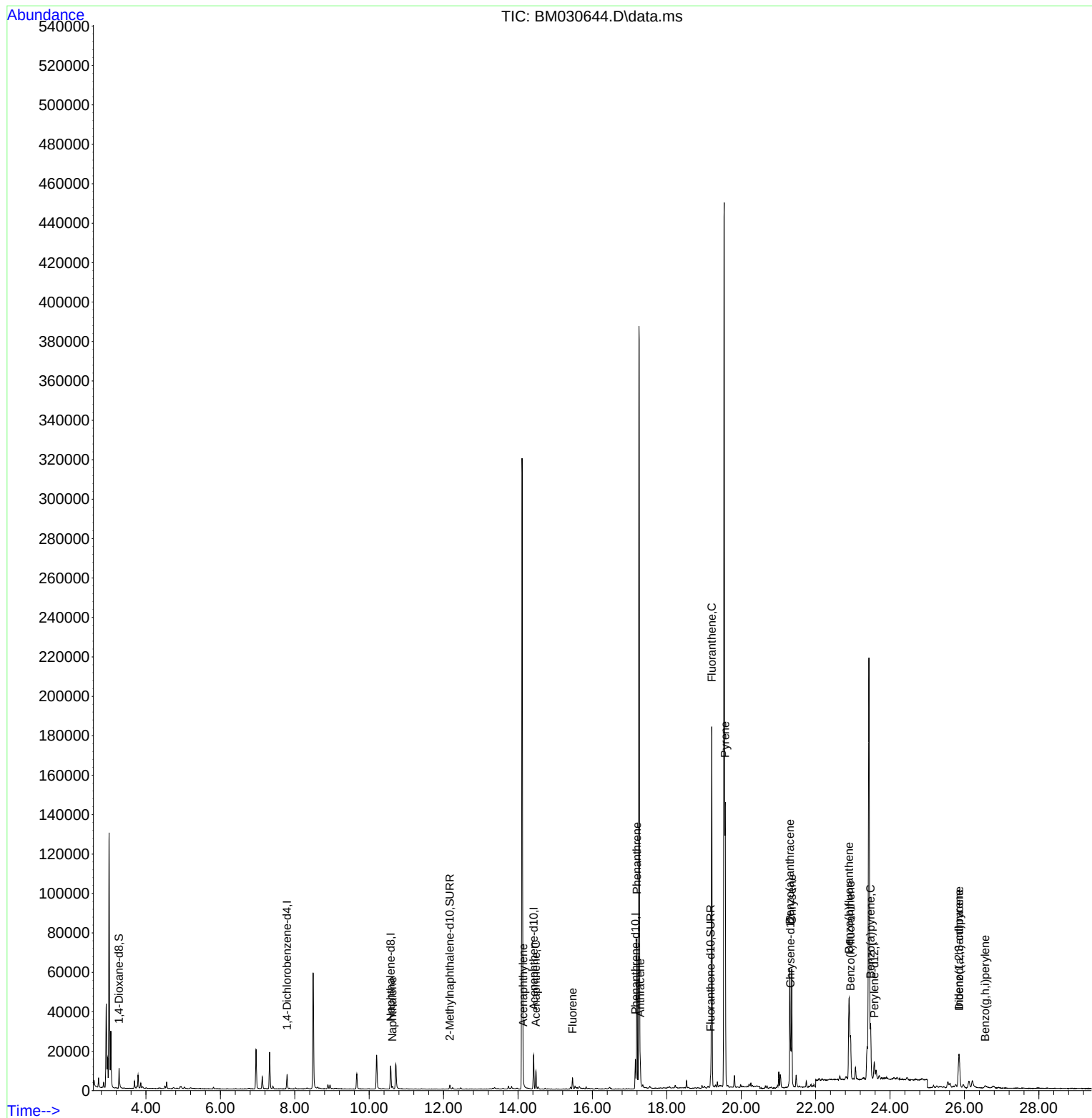
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030644.D
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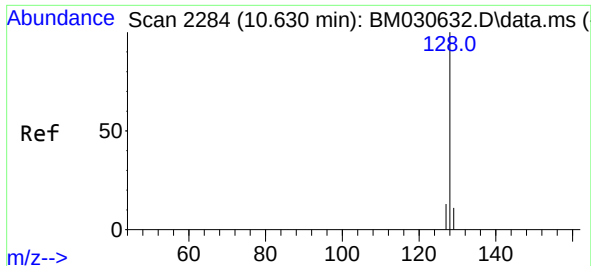
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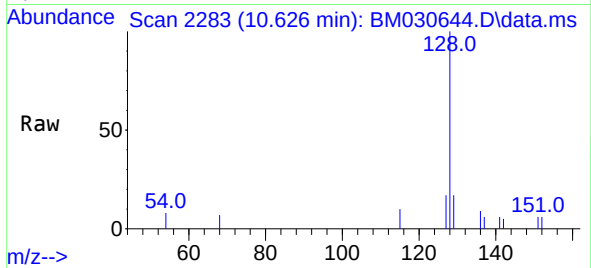
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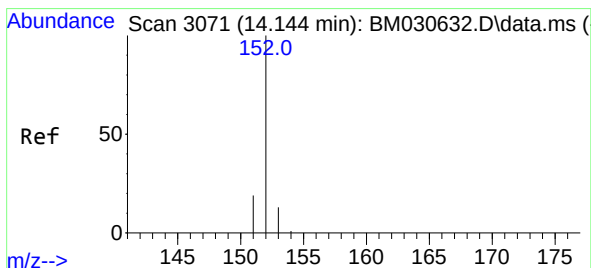
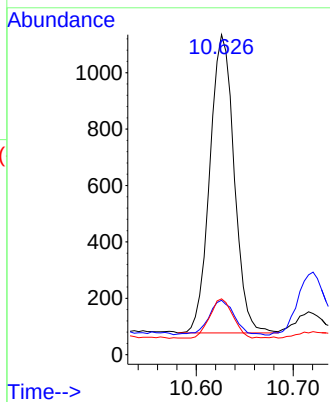
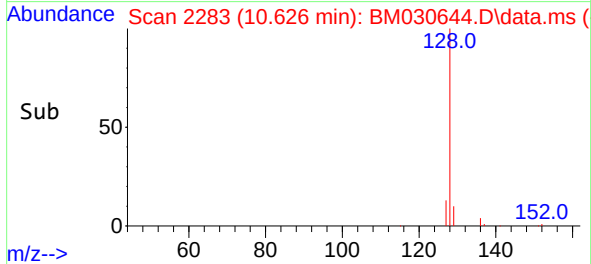




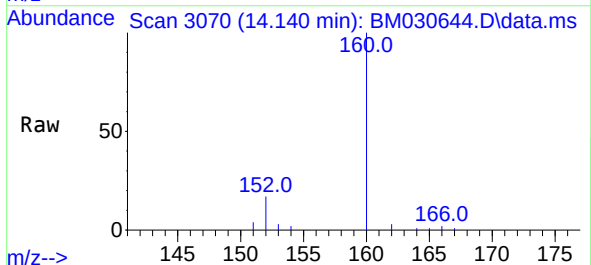
#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



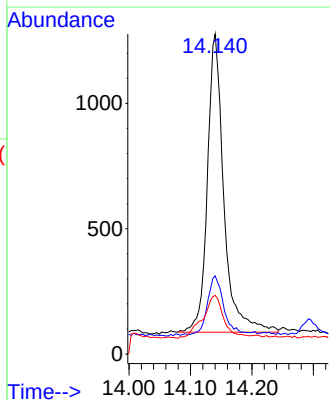
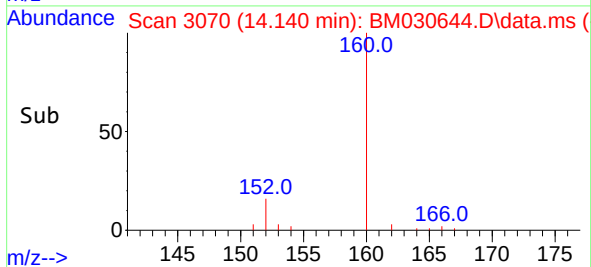
Tgt Ion:128 Resp: 1846
Ion Ratio Lower Upper
128 100
129 17.0 9.0 13.6#
127 17.4 10.9 16.3#



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



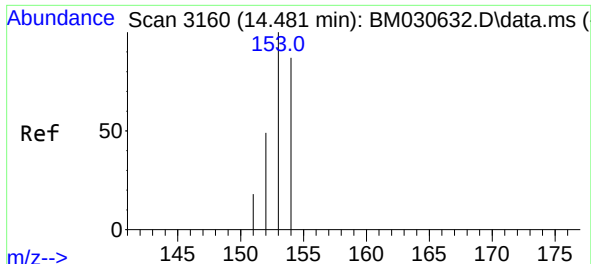
Tgt Ion:152 Resp: 2221
Ion Ratio Lower Upper
152 100
151 24.4 15.5 23.3#
153 18.3 10.7 16.1#



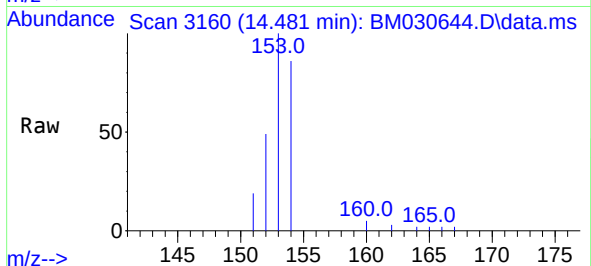
Instrument :
BNA_M
ClientSampled :
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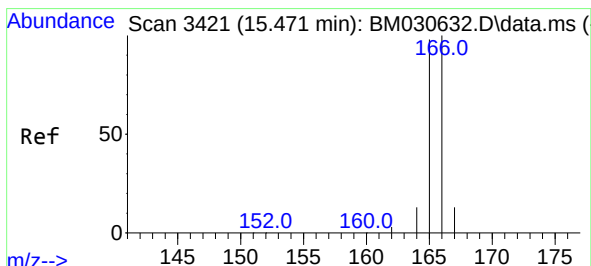
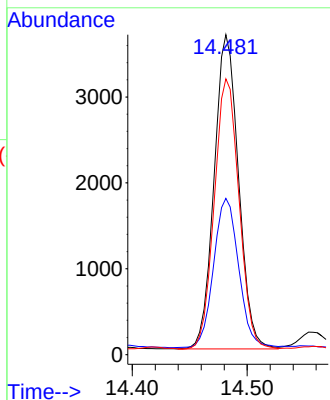
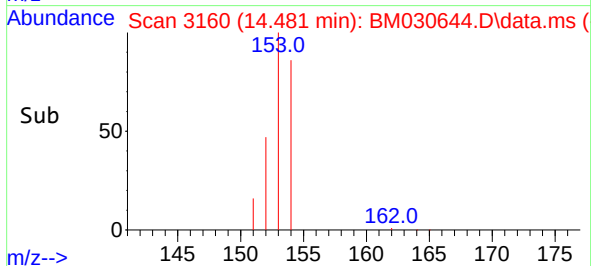
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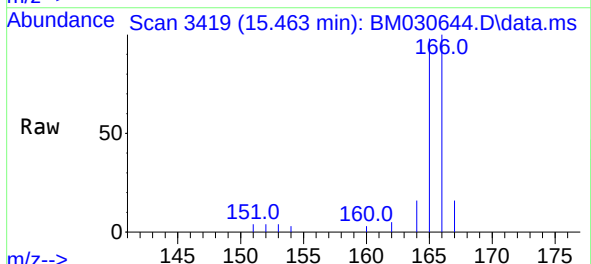
#11
Acenaphthene
Concen: 0.148 ng/u1
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



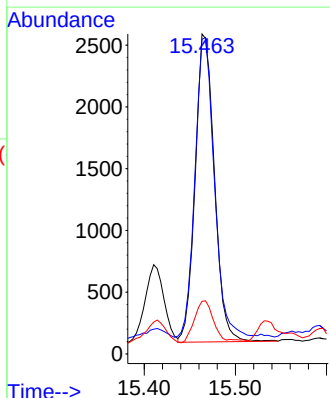
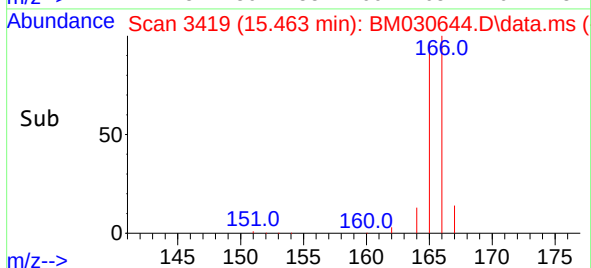
Tgt Ion:153 Resp: 5407
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.2
154 86.2 71.2 106.8



#12
Fluorene
Concen: 0.090 ng/u1
RT: 15.463 min Scan# 3419
Delta R.T. -0.011 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



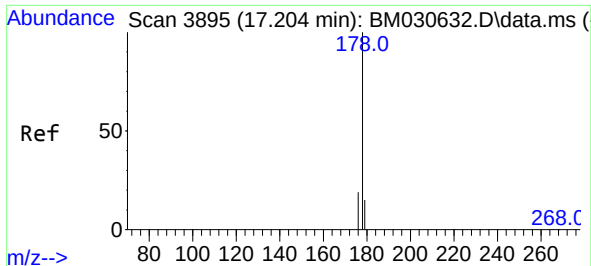
Tgt Ion:166 Resp: 3649
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 16.4 11.3 16.9



Instrument :
BNA_M
ClientSampled :
BGDC5

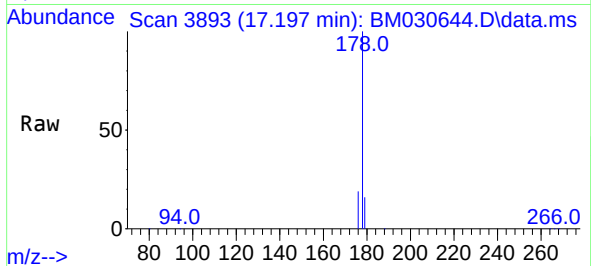
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#15
Phenanthrene
Concen: 1.236 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

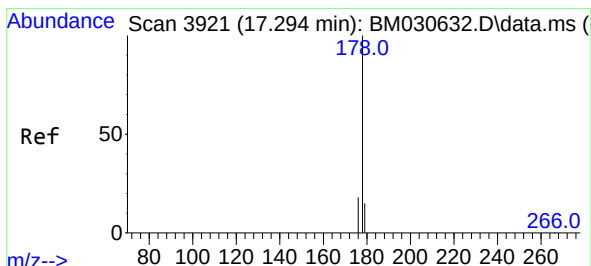
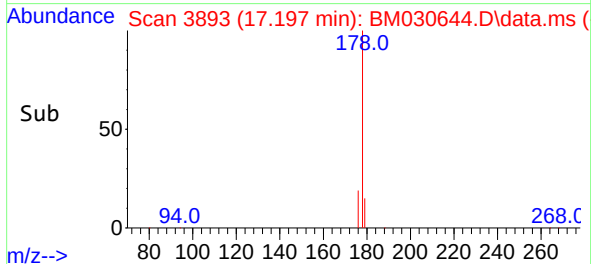
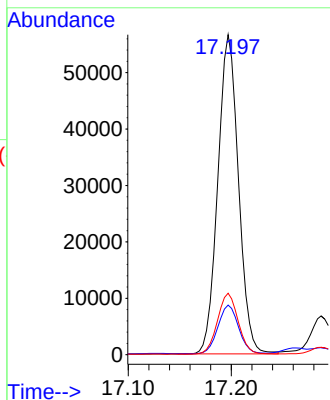
Instrument :
BNA_M
ClientSampled :
BGDC5



Tgt Ion:178 Resp: 78729
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.5 23.3

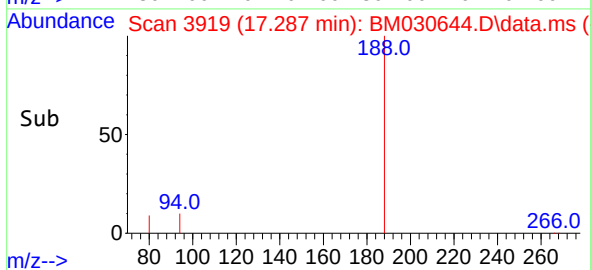
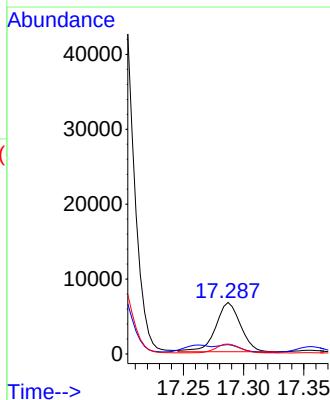
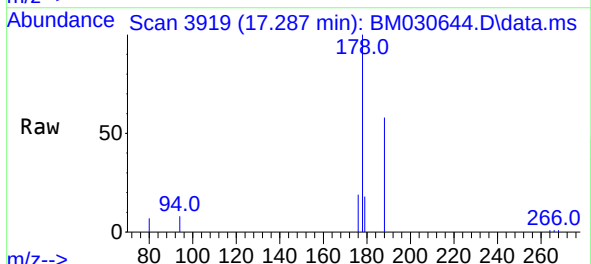
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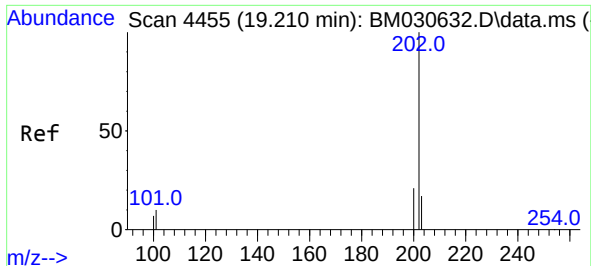
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#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.010 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

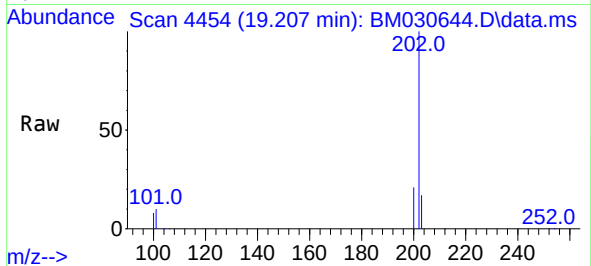
Tgt Ion:178 Resp: 9398
Ion Ratio Lower Upper
178 100
179 18.0 12.7 19.1
176 19.2 15.2 22.8





#19
Fluoranthene
Concen: 2.984 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.008 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

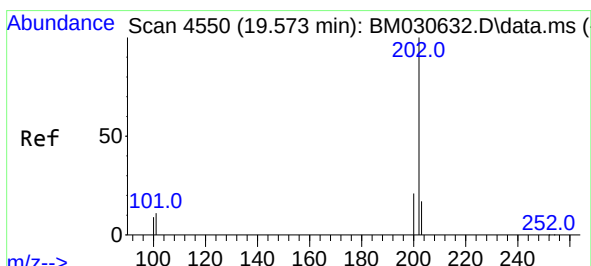
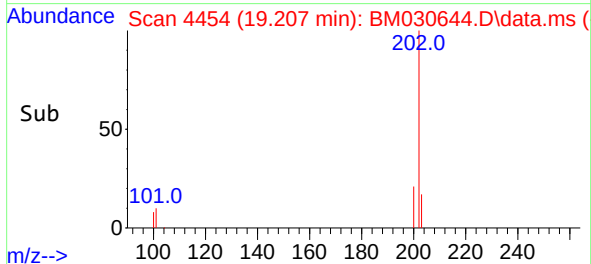
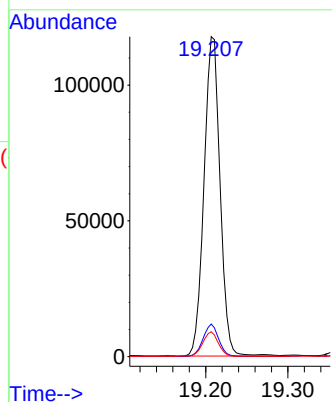
Instrument :
BNA_M
ClientSampleId :
BGDC5



Tgt Ion:202 Resp: 159648
Ion Ratio Lower Upper
202 100
101 10.2 8.8 13.2
100 7.8 6.9 10.3

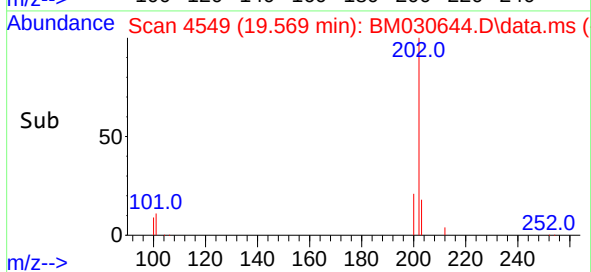
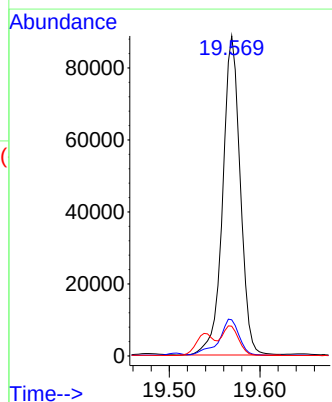
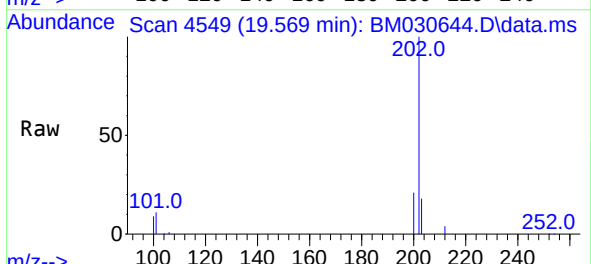
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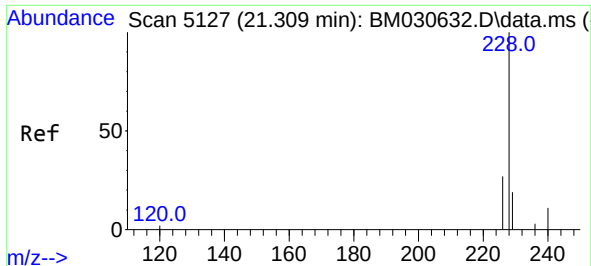
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#20
Pyrene
Concen: 2.172 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.008 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

Tgt Ion:202 Resp: 119058
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 9.3 8.2 12.2





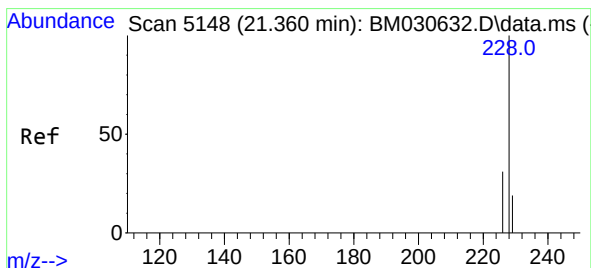
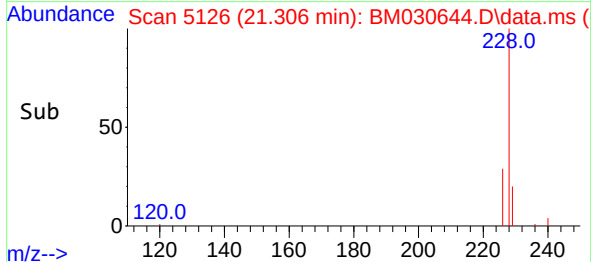
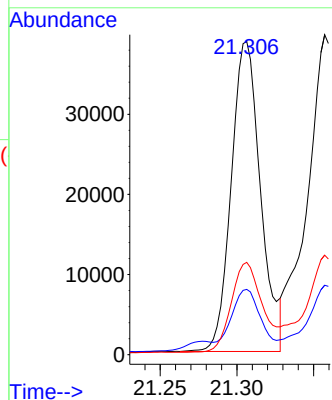
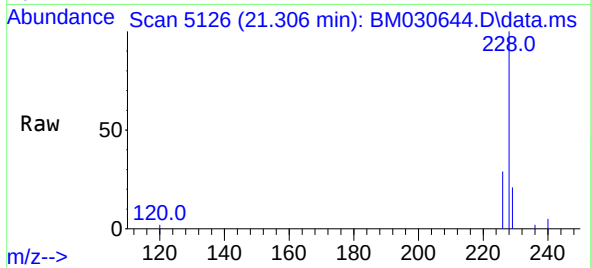
#21
Benzo(a)anthracene
Concen: 1.112 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

Tgt Ion:	228	Resp:	51388
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.6
226	29.5	22.2	33.4

Instrument :
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ClientSampled :
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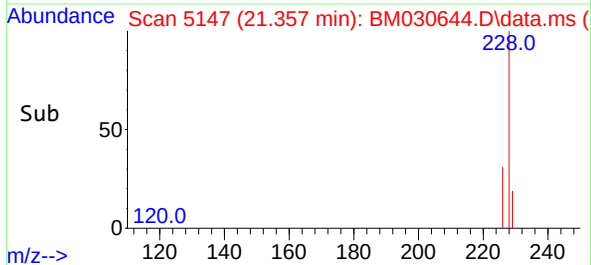
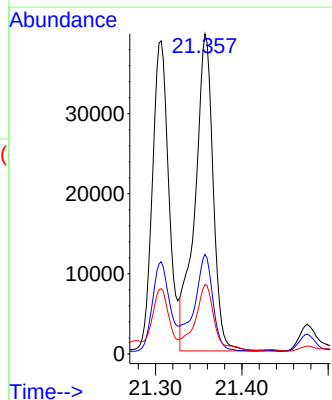
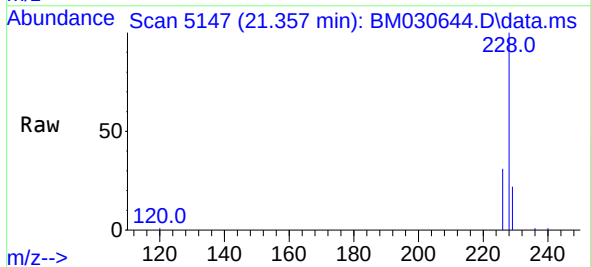
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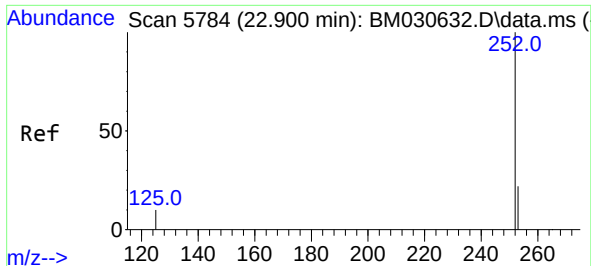
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#22
Chrysene
Concen: 1.131 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030644.D
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Tgt Ion:	228	Resp:	58050
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.4	36.6
229	21.7	15.4	23.0





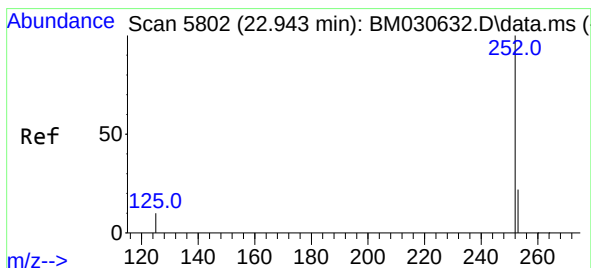
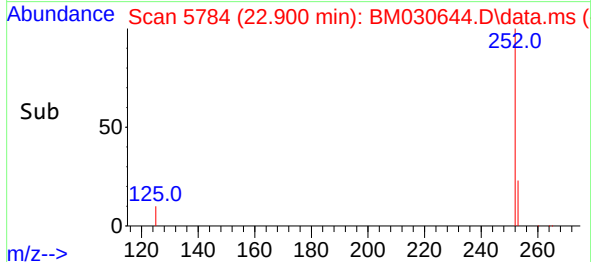
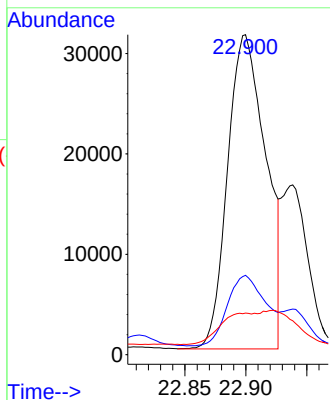
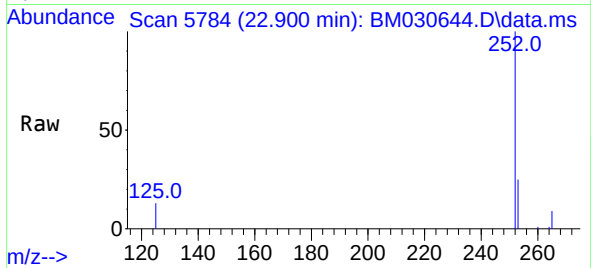
#24
Benzo(b)fluoranthene
Concen: 1.352 ng/ul m
RT: 22.900 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

Tgt Ion:252 Resp: 68363
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 13.0 0.0 27.8

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BGDC5

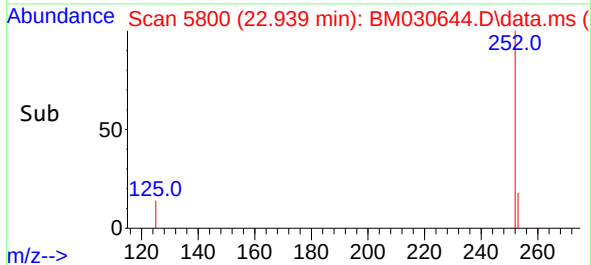
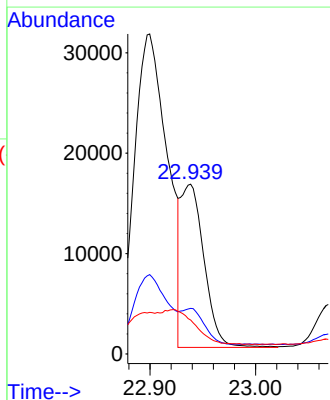
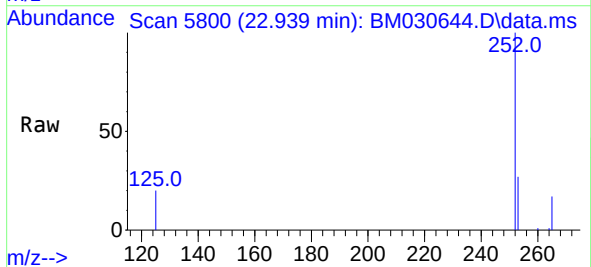
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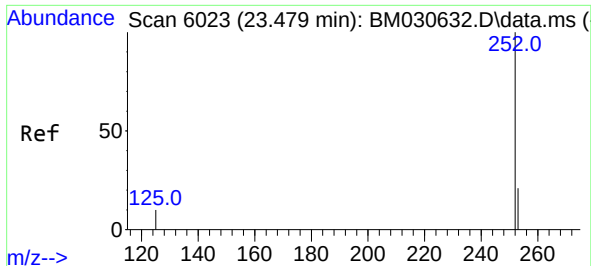
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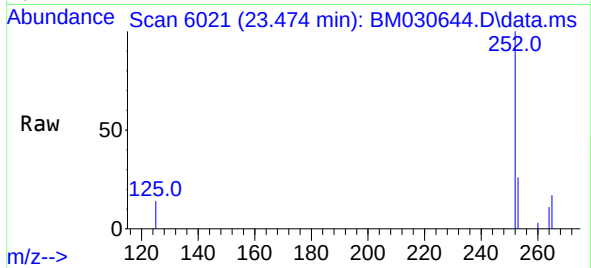
#25
Benzo(k)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.939 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57

Tgt Ion:252 Resp: 24949
Ion Ratio Lower Upper
252 100
253 26.9 20.6 31.0
125 20.0 11.0 16.4#

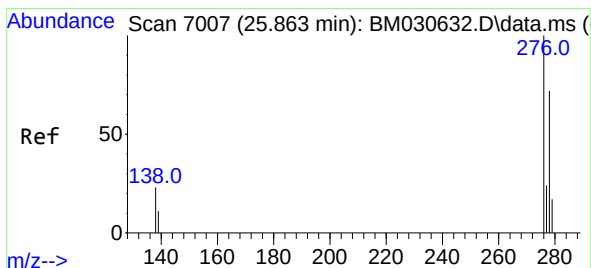
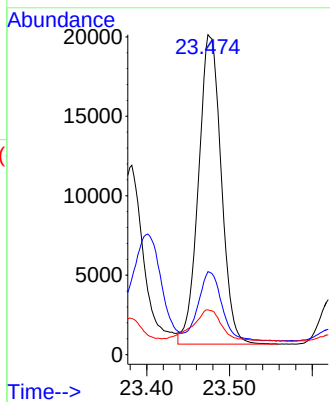
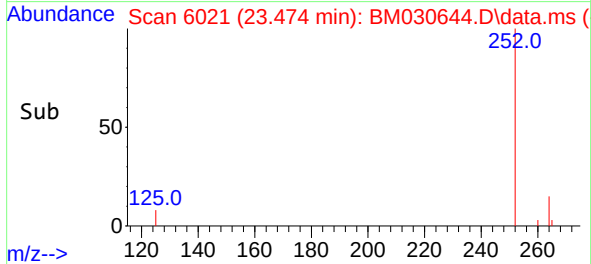




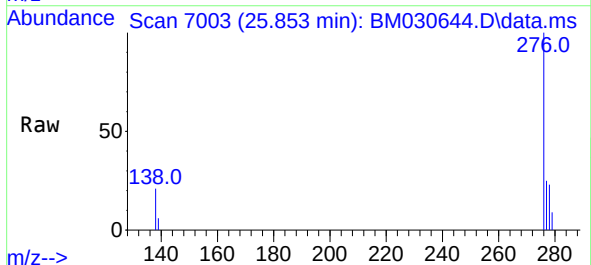
#26
Benzo(a)pyrene
Concen: 0.828 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.014 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



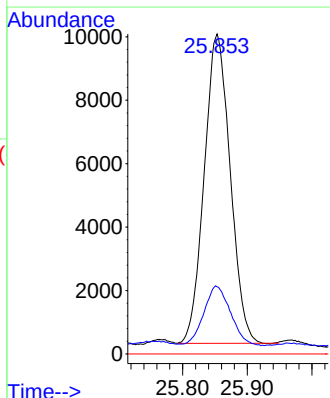
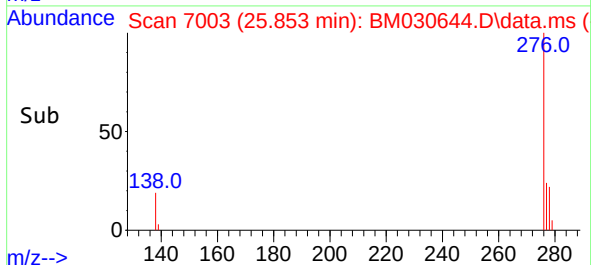
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Ion Ratio Lower Upper
252 100
253 26.0 22.0 33.0
125 14.0 13.4 20.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



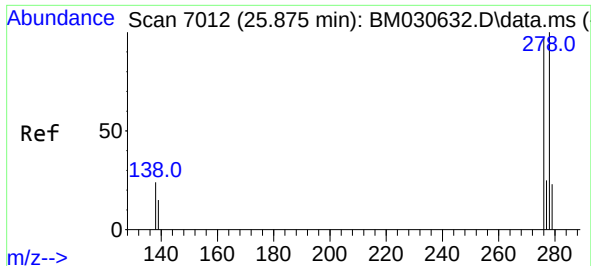
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Ion Ratio Lower Upper
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138 19.9 19.1 28.7
227 0.0 0.0 0.0



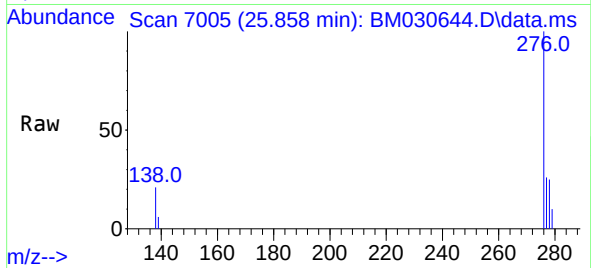
Instrument :
BNA_M
ClientSampled :
BGDC5

Manual Integrations
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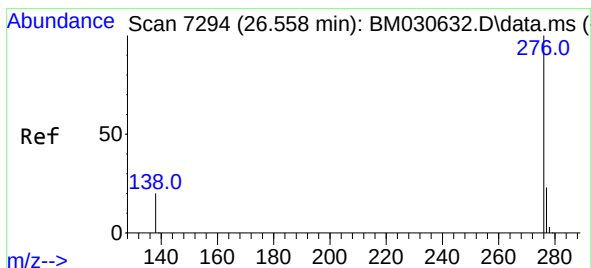
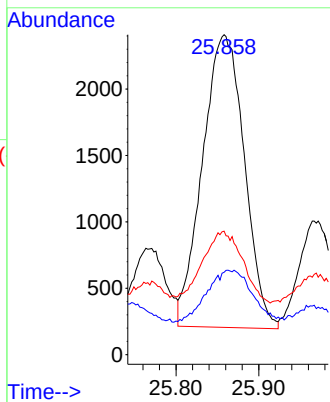
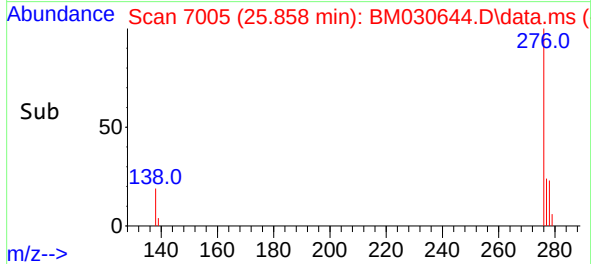
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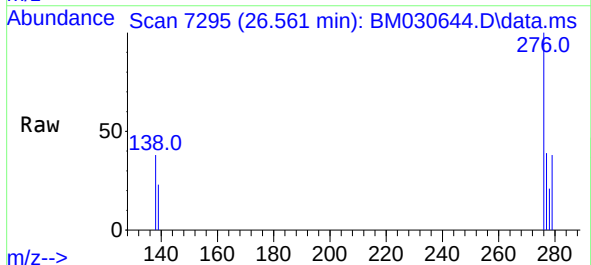
#28
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.029 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



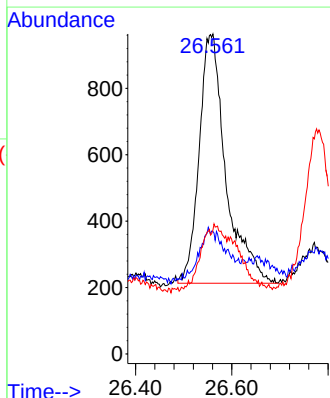
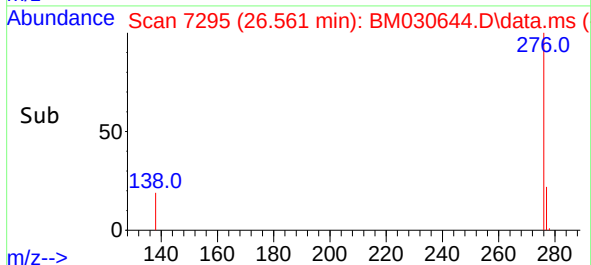
Tgt Ion:278 Resp: 7745
Ion Ratio Lower Upper
278 100
139 25.8 14.2 21.4#
279 38.6 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.561 min Scan# 7295
Delta R.T. -0.007 min
Lab File: BM030644.D
Acq: 26 Jun 2021 18:57



Tgt Ion:276 Resp: 2906
Ion Ratio Lower Upper
276 100
138 38.3 18.0 27.0#
277 38.7 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDC5

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