

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030612.D
 Acq On : 25 Jun 2021 21:31
 Operator : CG/JU
 Sample : M2682-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD90

Manual Integrations
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Quant Time: Jun 26 01:31:48 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	7.798	152	3582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	15097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9499	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	18591	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	12811	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	10788	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8139	2.124	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	3725	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	8360	0.213	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.631	128	5967	0.133	ng/ul	97
7) 2-Methylnaphthalene	12.250	142	1527	0.050	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	1281	0.044	ng/ul	99
10) Acenaphthylene	14.144	152	12033	0.271	ng/ul	98
11) Acenaphthene	14.485	153	7052	0.195	ng/ul	99
12) Fluorene	15.471	166	7972	0.199	ng/ul	99
15) Phenanthrene	17.200	178	204320	3.087	ng/ul	99
16) Anthracene	17.291	178	53774	0.927	ng/ul	99
19) Fluoranthene	19.211	202	559559	9.501	ng/ul	97
20) Pyrene	19.573	202	433270	7.181	ng/ul	98
21) Benzo(a)anthracene	21.309	228	288745	5.674	ng/ul	98
22) Chrysene	21.362	228	255656	4.525	ng/ul	98
24) Benzo(b)fluoranthene	22.905	252	273895m	5.837	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	98755m	2.006	ng/ul	
26) Benzo(a)pyrene	23.481	252	110985	2.665	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.860	276	79786	1.507	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.868	278	28823	0.682	ng/ul	96
29) Benzo(g,h,i)perylene	26.561	276	4448	0.097	ng/ul#	74

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

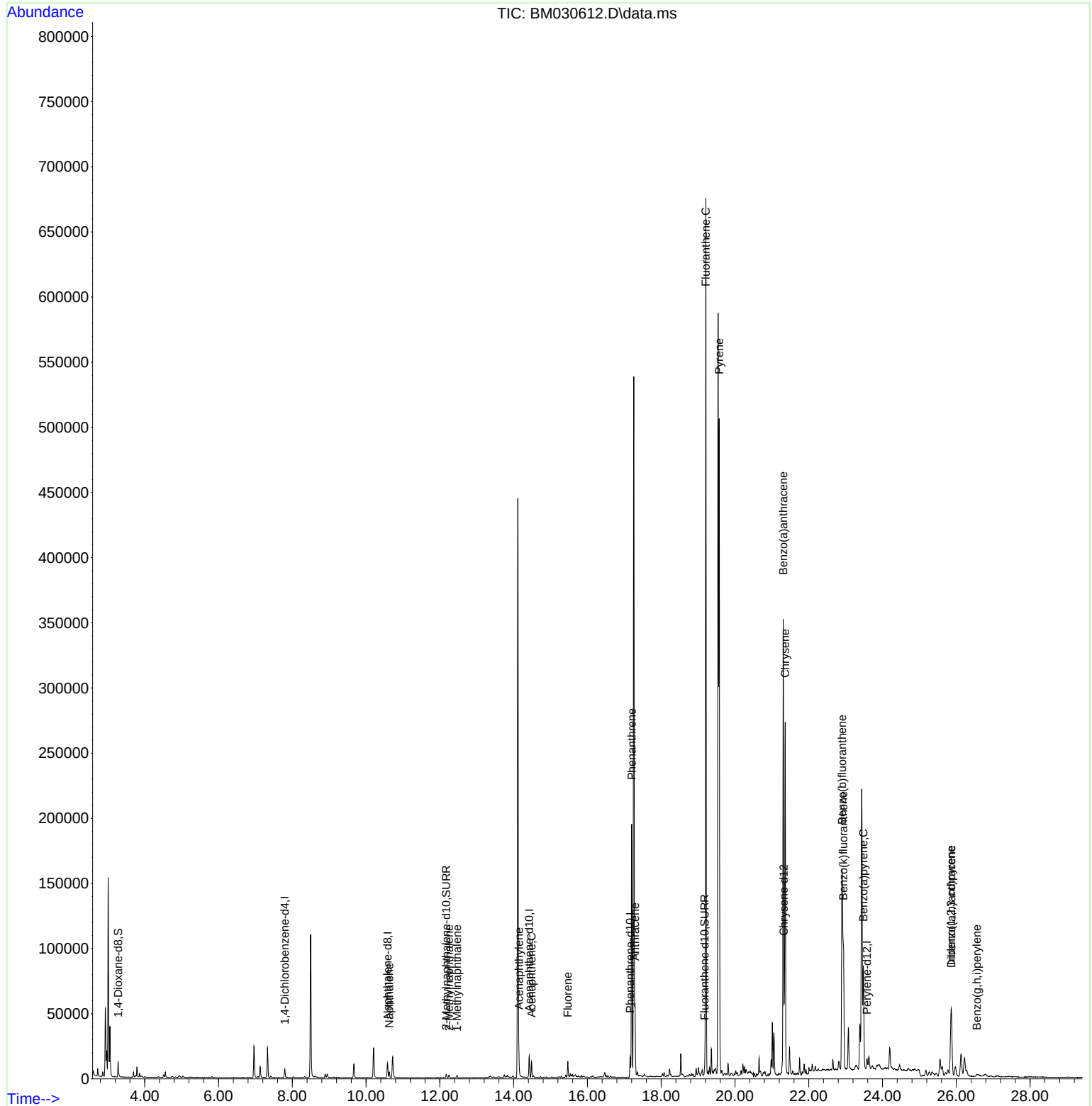
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Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
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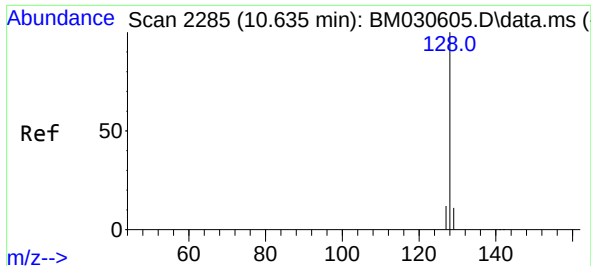
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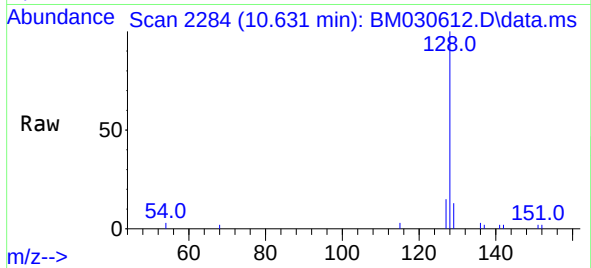
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QLast Update : Fri Jun 25 10:09:59 2021
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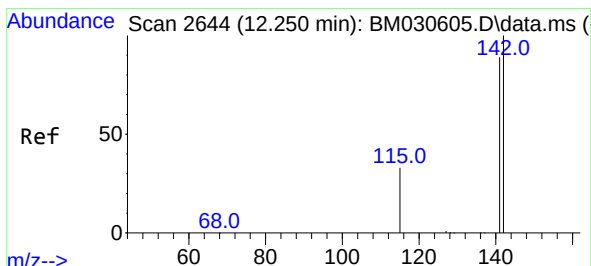
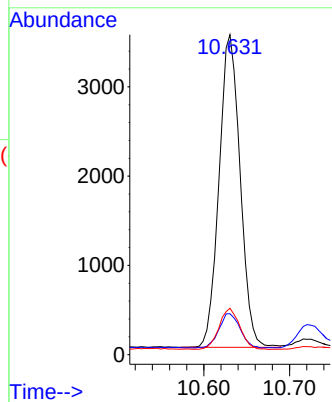
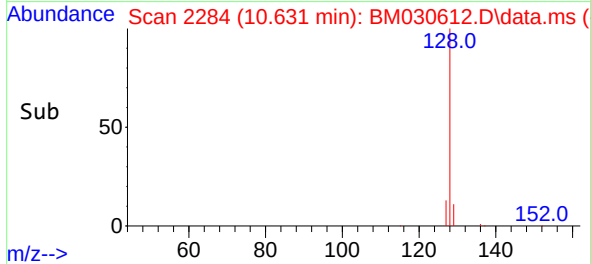




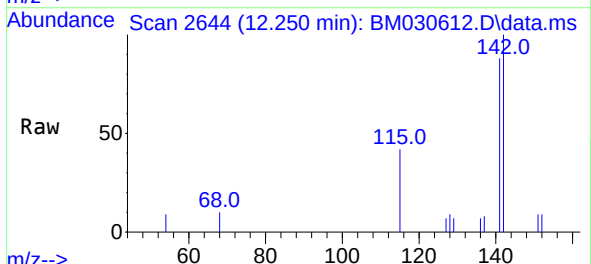
#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



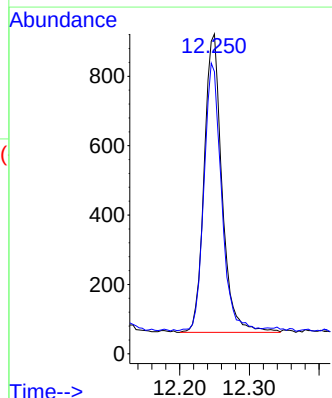
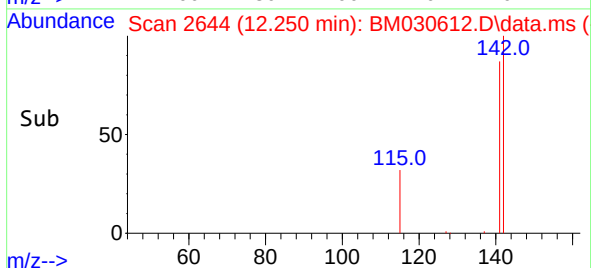
Tgt Ion:128 Resp: 5967
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 14.5 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



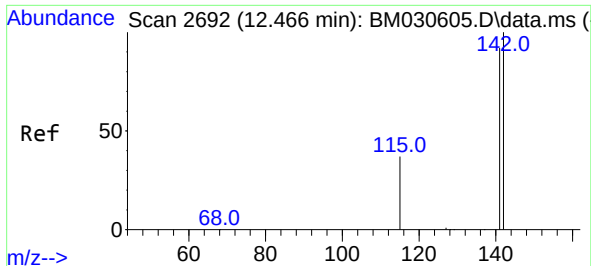
Tgt Ion:142 Resp: 1527
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



Instrument :
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ClientSampleId :
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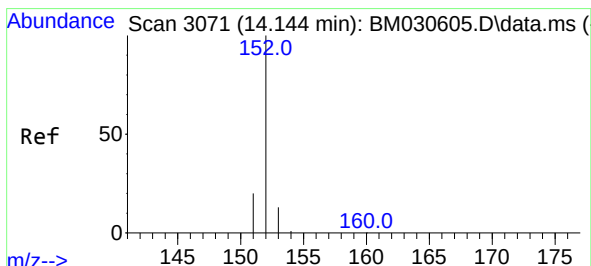
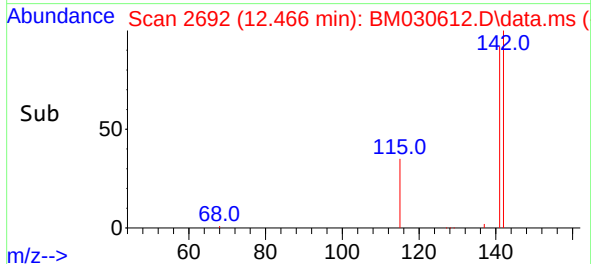
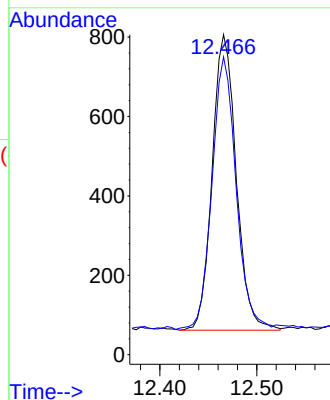
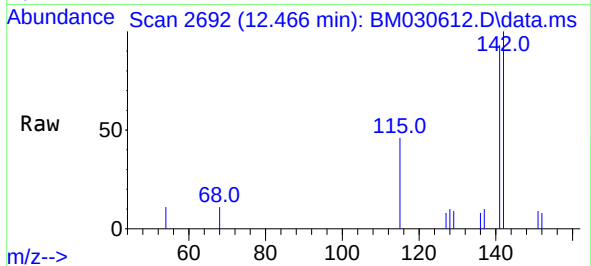
#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

Tgt Ion:142 Resp: 1281
Ion Ratio Lower Upper
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141 92.2 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGD90

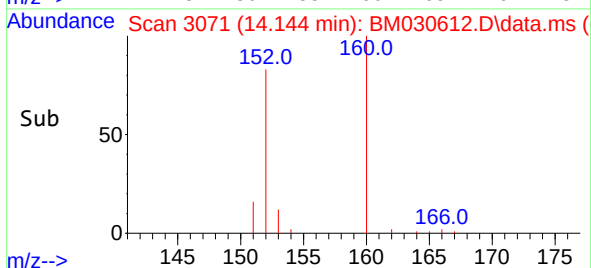
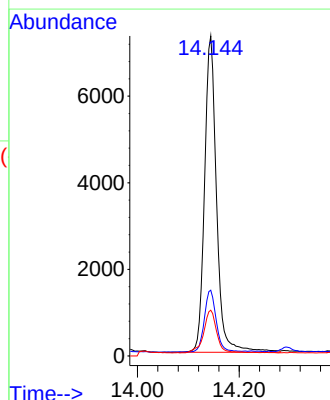
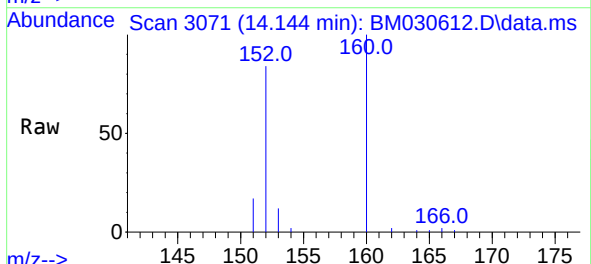
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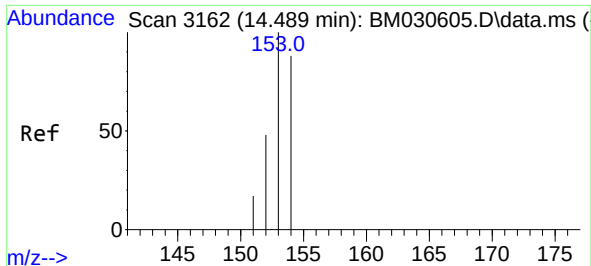
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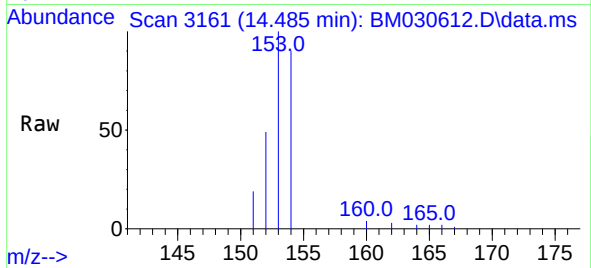
#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

Tgt Ion:152 Resp: 12033
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 14.3 10.7 16.1

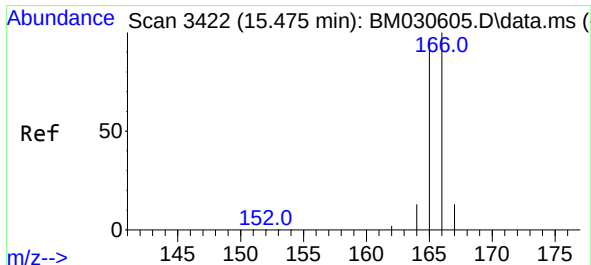
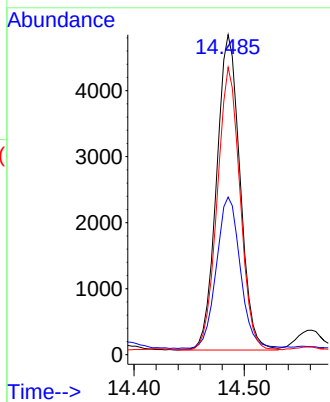
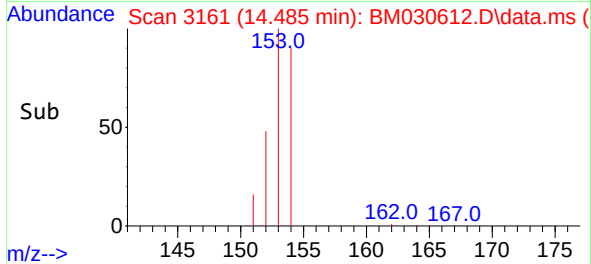




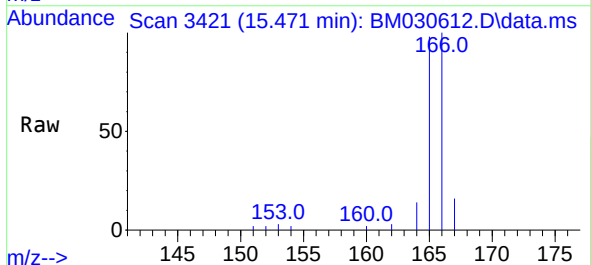
#11
Acenaphthene
Concen: 0.195 ng/u1
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



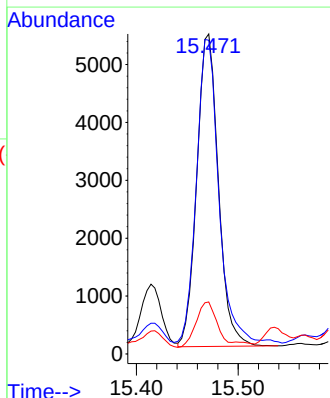
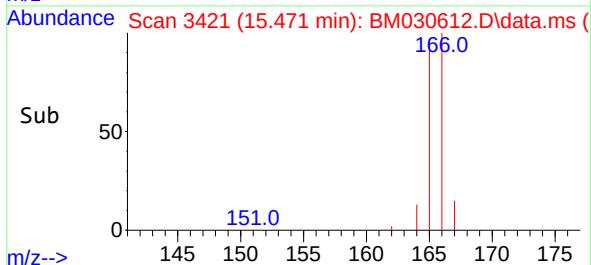
Tgt Ion:153 Resp: 7052
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.2
154 89.8 71.2 106.8



#12
Fluorene
Concen: 0.199 ng/u1
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



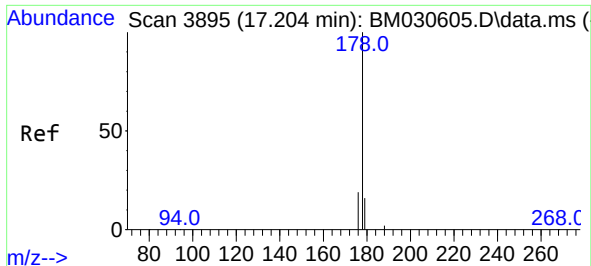
Tgt Ion:166 Resp: 7972
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 16.3 11.3 16.9



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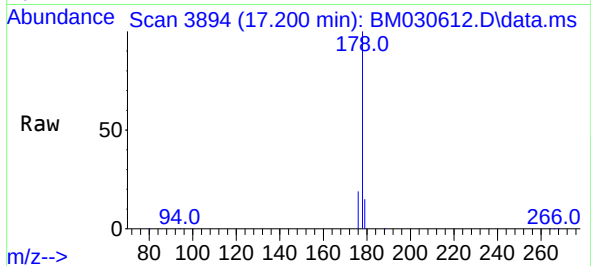
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#15
Phenanthrene
Concen: 3.087 ng/u1
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

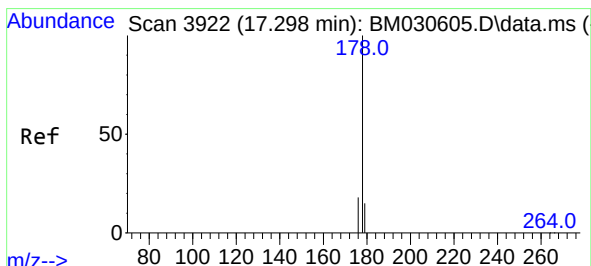
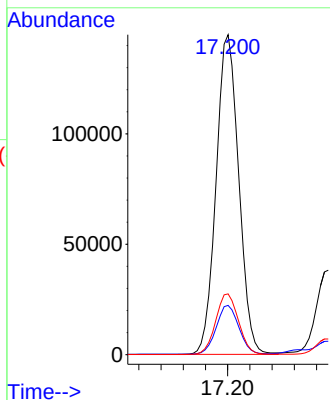
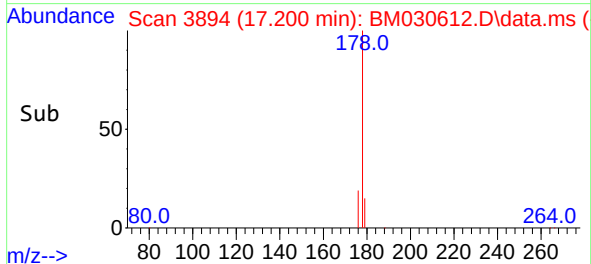
Instrument :
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ClientSampled :
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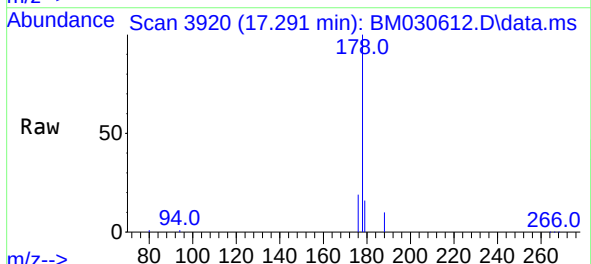
Tgt Ion:178 Resp: 204320
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.0 15.5 23.3

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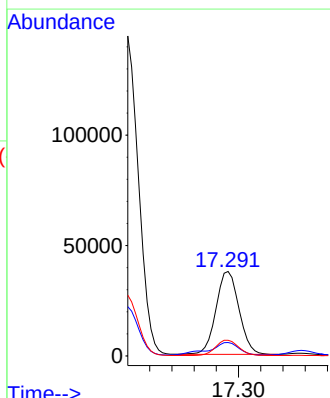
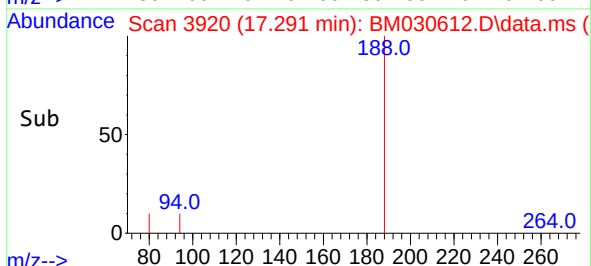
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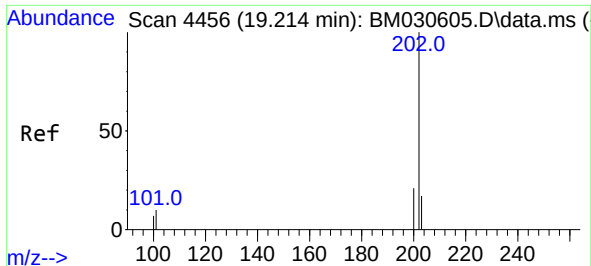


#16
Anthracene
Concen: 0.927 ng/u1
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



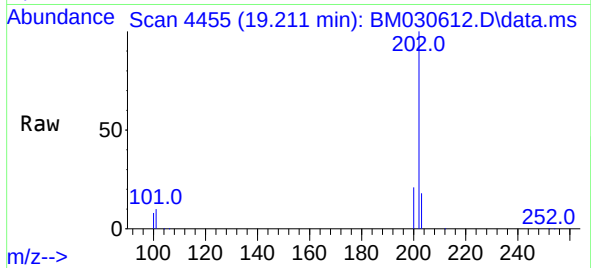
Tgt Ion:178 Resp: 53774
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.6 15.2 22.8





#19
Fluoranthene
Concen: 9.501 ng/u1
RT: 19.211 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

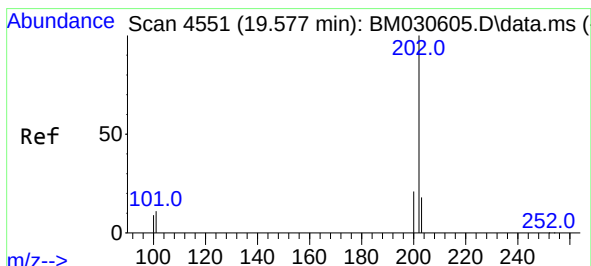
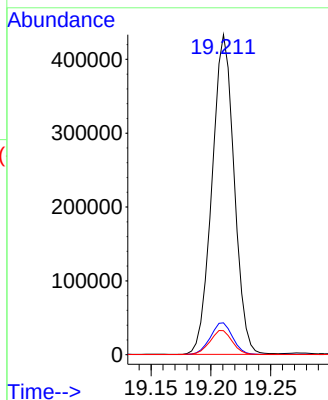
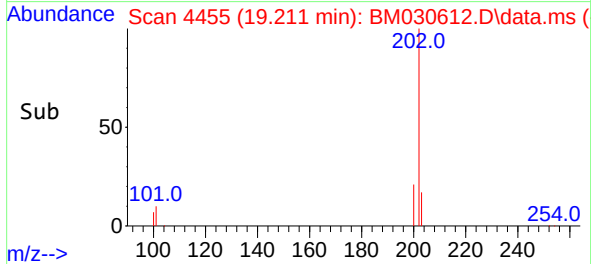
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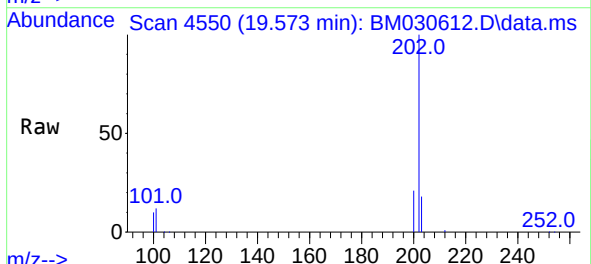
Tgt Ion:202 Resp: 559559
Ion Ratio Lower Upper
202 100
101 10.0 8.8 13.2
100 7.5 6.9 10.3

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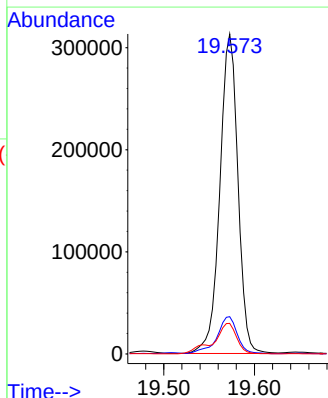
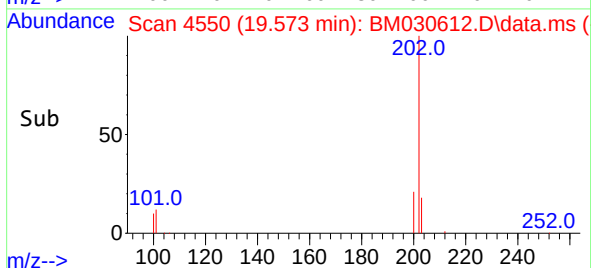
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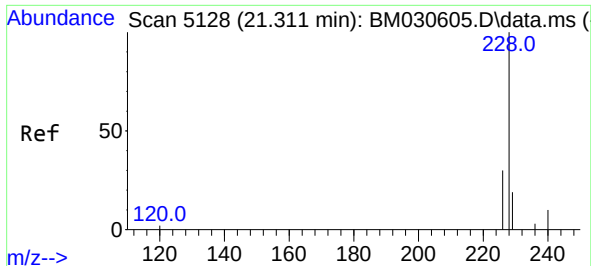


#20
Pyrene
Concen: 7.181 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030612.D
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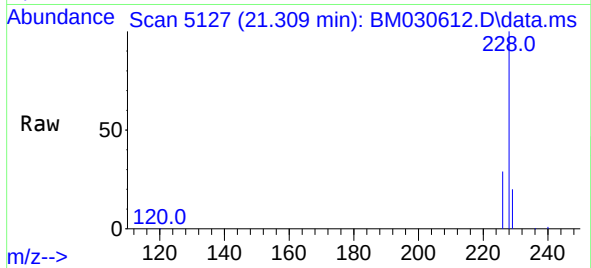


Tgt Ion:202 Resp: 433270
Ion Ratio Lower Upper
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101 11.7 10.1 15.1
100 9.5 8.2 12.2

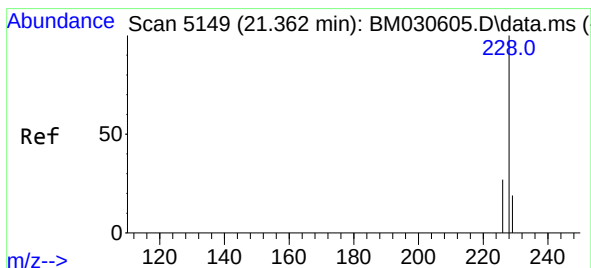
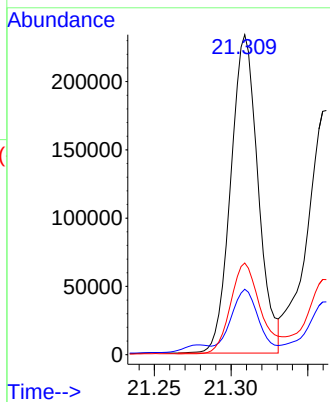
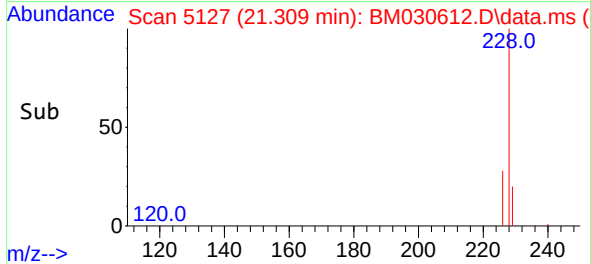




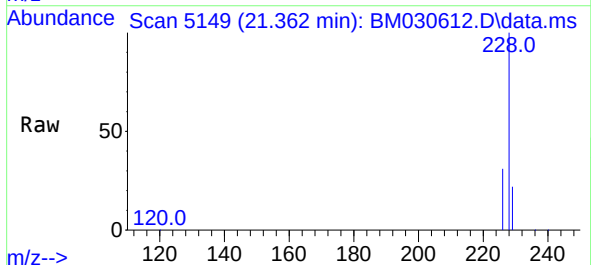
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Benzo(a)anthracene
Concen: 5.674 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030612.D
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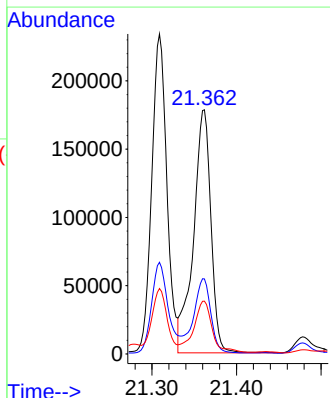
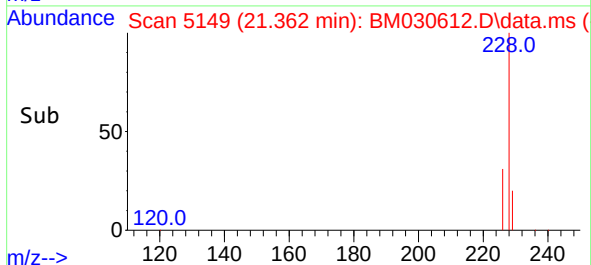
Tgt Ion:228 Resp: 288745
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.6 22.2 33.4



#22
Chrysene
Concen: 4.525 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



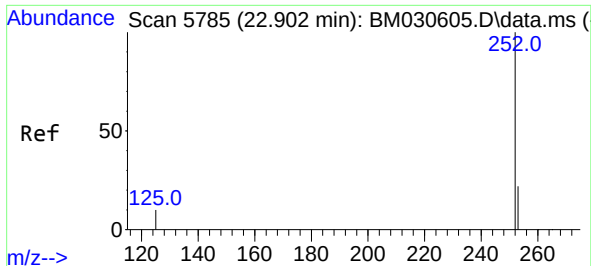
Tgt Ion:228 Resp: 255656
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.6 15.4 23.0



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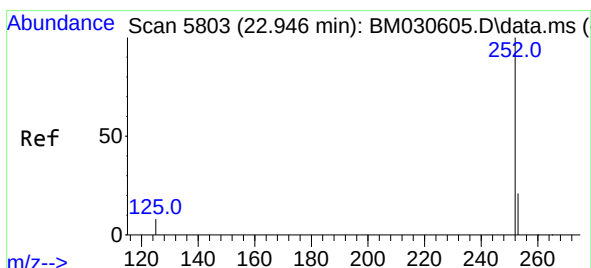
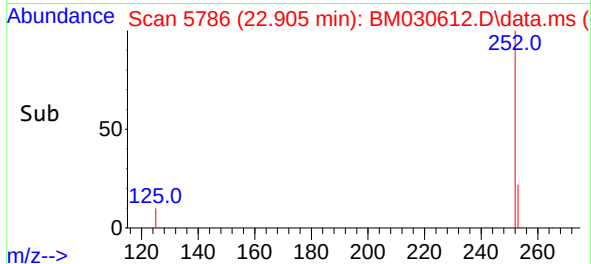
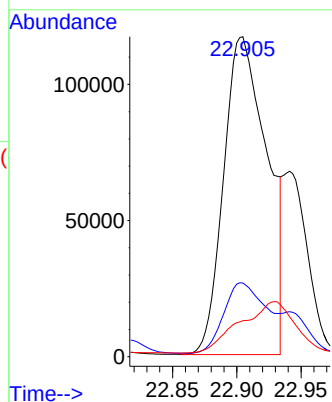
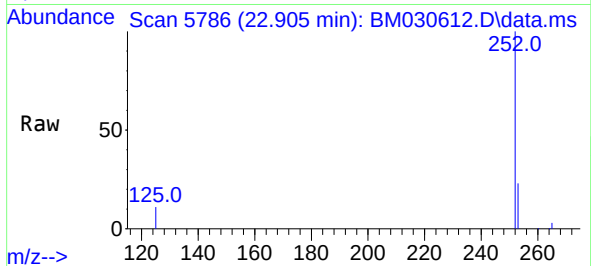
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Benzo(b)fluoranthene
Concen: 5.837 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

Tgt Ion:252 Resp: 273895
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 11.2 0.0 27.8

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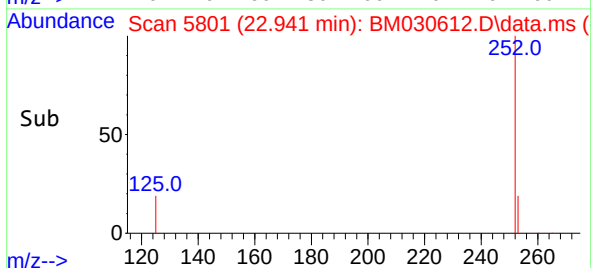
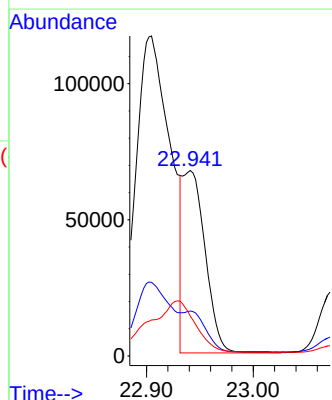
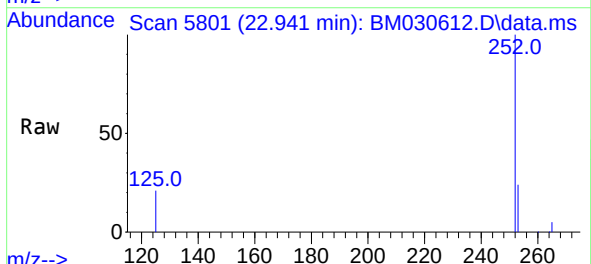
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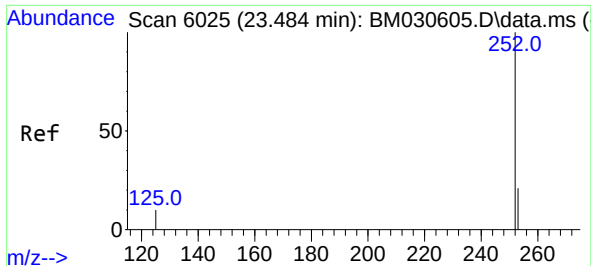
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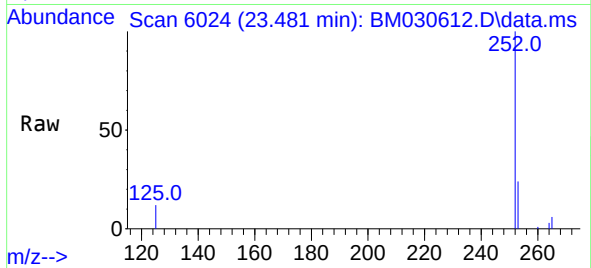
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Benzo(k)fluoranthene
Concen: 2.006 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31

Tgt Ion:252 Resp: 98755
Ion Ratio Lower Upper
252 100
253 24.2 20.6 31.0
125 21.4 11.0 16.4#

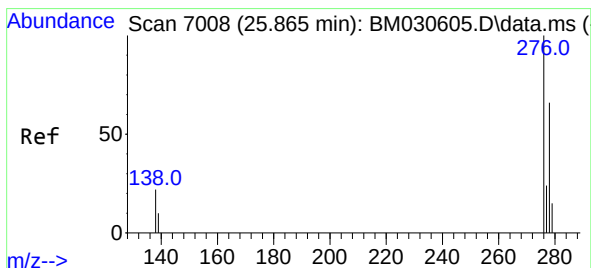
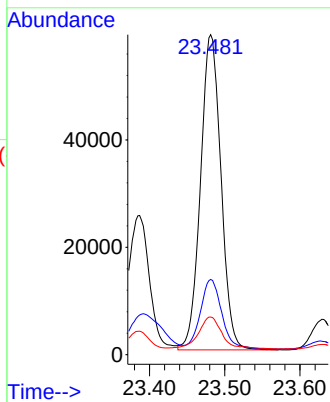
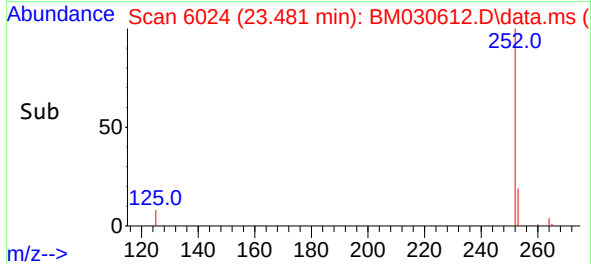




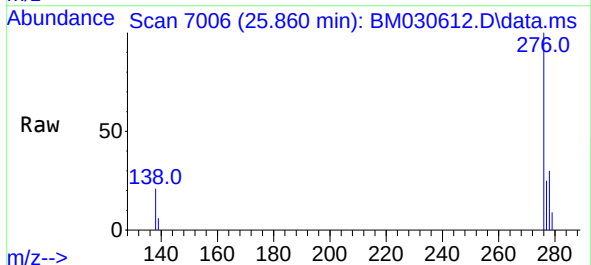
#26
Benzo(a)pyrene
Concen: 2.665 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



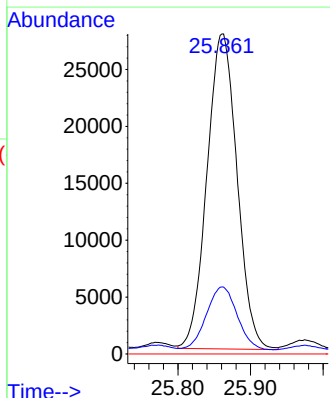
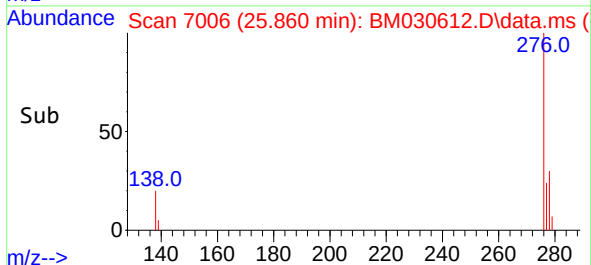
Tgt Ion:252 Resp: 110985
Ion Ratio Lower Upper
252 100
253 23.5 22.0 33.0
125 11.8 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.507 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.012 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



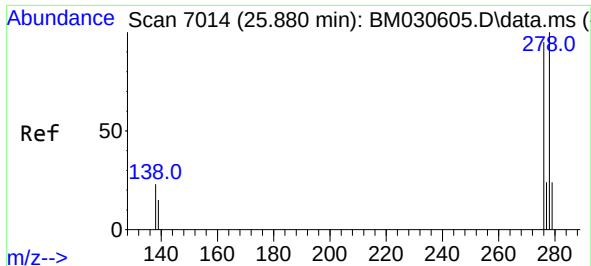
Tgt Ion:276 Resp: 79786
Ion Ratio Lower Upper
276 100
138 20.4 19.1 28.7
227 0.0 0.0 0.0



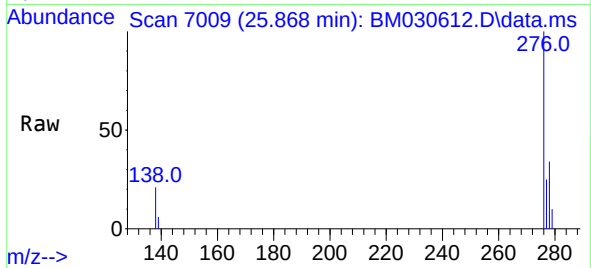
Instrument :
BNA_M
ClientSampleId :
BGD90

Manual Integrations
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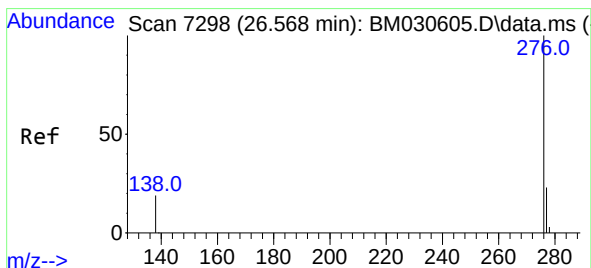
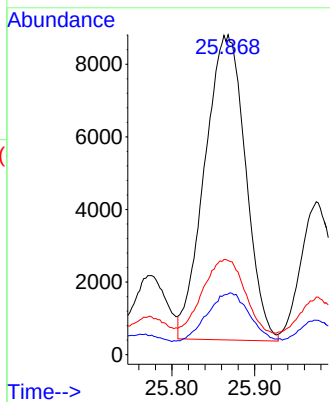
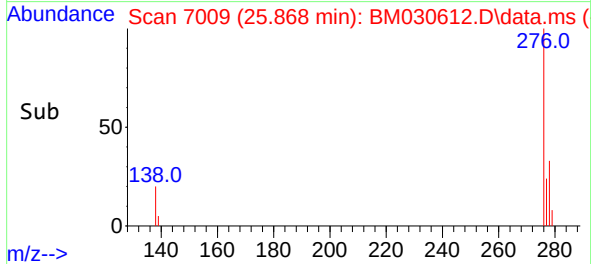
mohammad
6/28/2021 1:21:28 PM



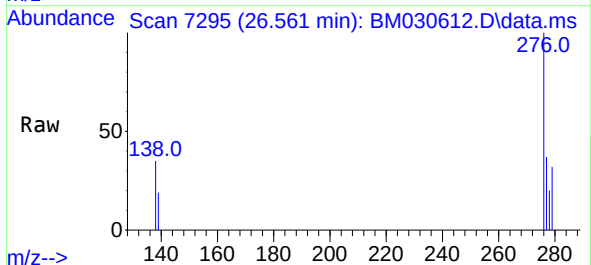
#28
Dibenzo(a,h)anthracene
Concen: 0.682 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.019 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



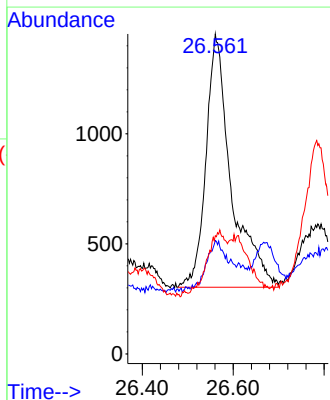
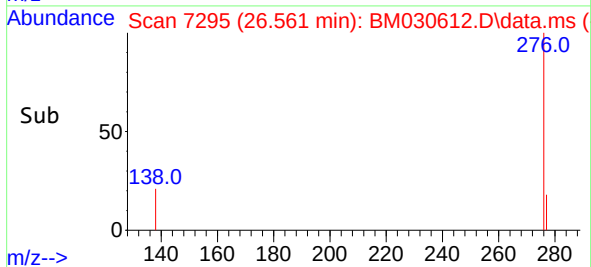
Tgt Ion:278 Resp: 28823
Ion Ratio Lower Upper
278 100
139 19.0 14.2 21.4
279 29.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.561 min Scan# 7295
Delta R.T. -0.007 min
Lab File: BM030612.D
Acq: 25 Jun 2021 21:31



Tgt Ion:276 Resp: 4448
Ion Ratio Lower Upper
276 100
138 35.4 18.0 27.0#
277 36.9 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGD90

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APPROVED

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6/28/2021 1:21:28 PM