

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030614.D
 Acq On : 25 Jun 2021 22:44
 Operator : CG/JU
 Sample : M2682-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD76

Manual Integrations
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Quant Time: Jun 26 01:32:04 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	3123	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	13039	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	8093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.158	188	15694	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	10114	0.400	ng/ul	# 0.00
23) Perylene-d12	23.580	264	9664	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	7326	2.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	3255	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	6991	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.630	128	1521	0.039	ng/ul#	86
10) Acenaphthylene	14.140	152	2151	0.057	ng/ul#	89
11) Acenaphthene	14.485	153	1267	0.041	ng/ul	97
12) Fluorene	15.471	166	1386	0.041	ng/ul#	95
14) Pentachlorophenol	16.822	266	563	0.123	ng/ul	90
15) Phenanthrene	17.200	178	29461	0.527	ng/ul	99
16) Anthracene	17.290	178	7057	0.144	ng/ul#	95
19) Fluoranthene	19.210	202	81230	1.747	ng/ul	98
20) Pyrene	19.573	202	56930	1.195	ng/ul	99
21) Benzo(a)anthracene	21.306	228	27197	0.677	ng/ul	96
22) Chrysene	21.360	228	26742m	0.600	ng/ul	
24) Benzo(b)fluoranthene	22.902	252	31024m	0.738	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	11343m	0.257	ng/ul	
26) Benzo(a)pyrene	23.479	252	10767	0.289	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.860	276	9350	0.197	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.865	278	3263	0.086	ng/ul#	47

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

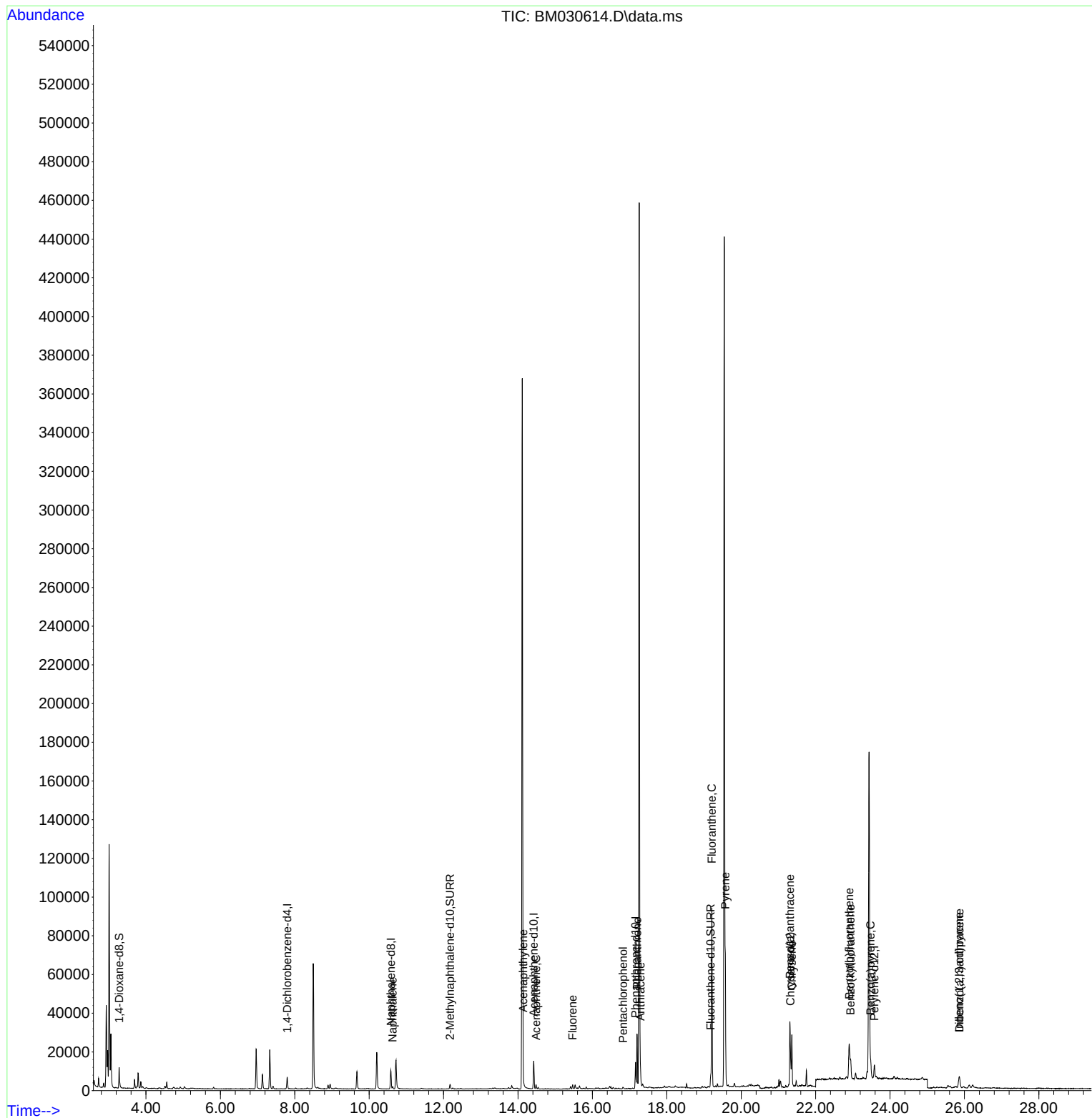
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Data File : BM030614.D
Acq On : 25 Jun 2021 22:44
Operator : CG/JU
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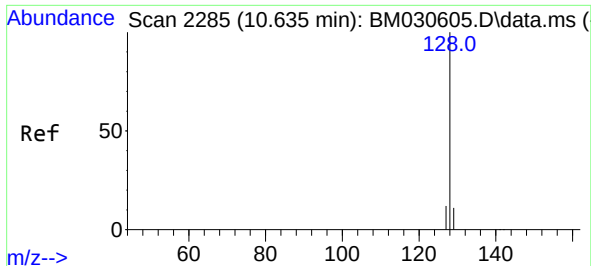
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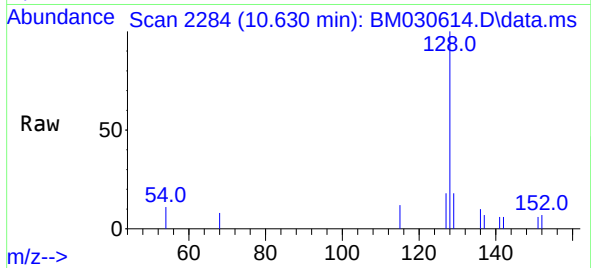
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Quant Time: Jun 26 01:32:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
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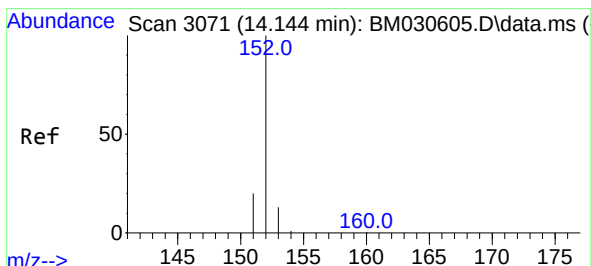
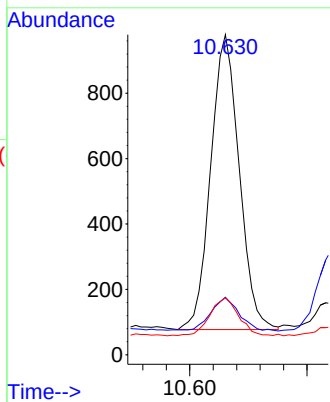
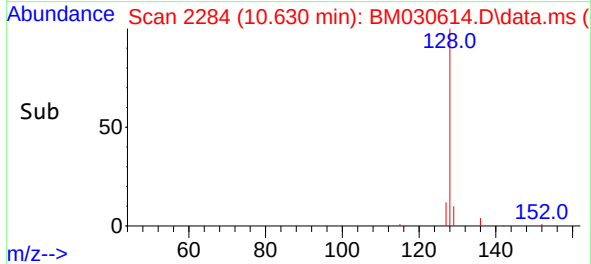




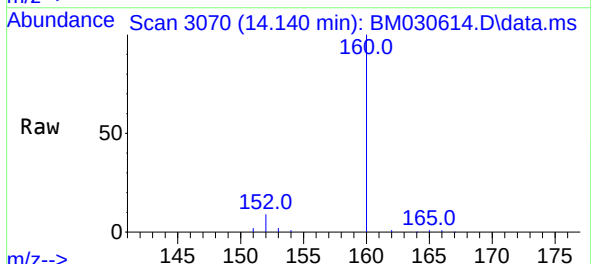
#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



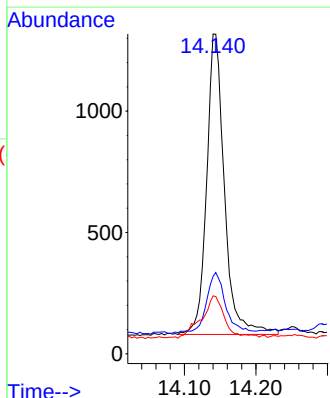
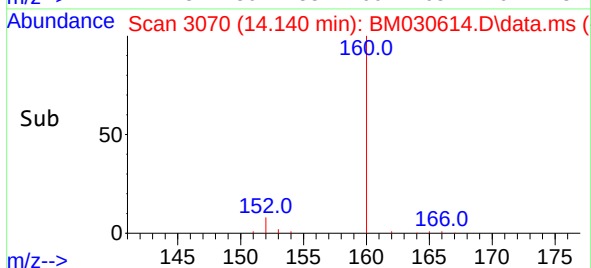
Tgt Ion:128 Resp: 1521
Ion Ratio Lower Upper
128 100
129 18.0 9.0 13.6#
127 17.8 10.9 16.3#



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



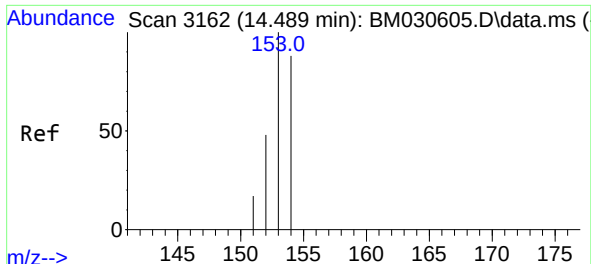
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Ion Ratio Lower Upper
152 100
151 24.2 15.5 23.3#
153 18.1 10.7 16.1#



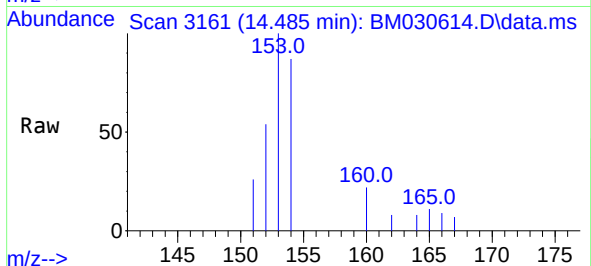
Instrument :
BNA_M
ClientSampled :
BGD76

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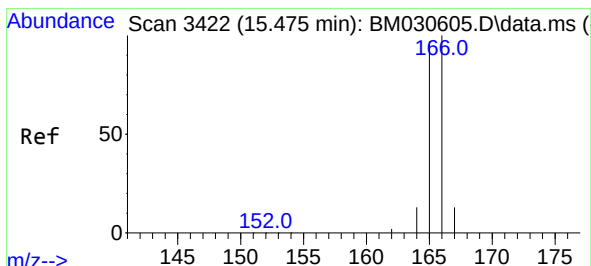
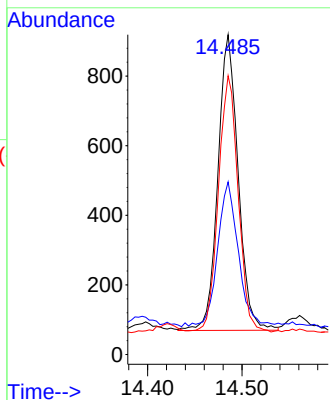
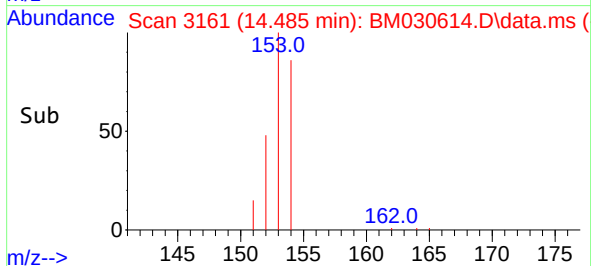
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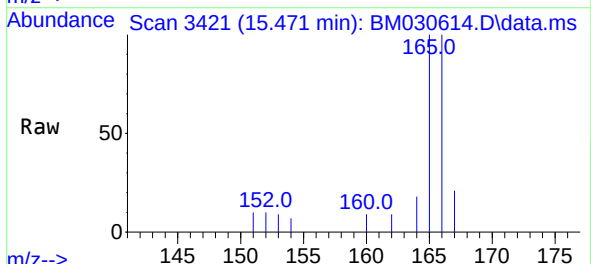
#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



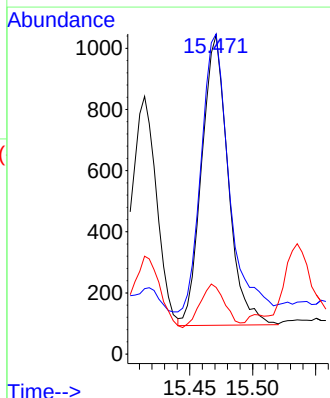
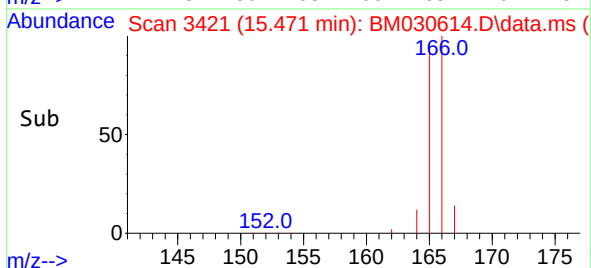
Tgt Ion:153 Resp: 1267
Ion Ratio Lower Upper
153 100
152 54.0 40.2 60.2
154 87.2 71.2 106.8



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



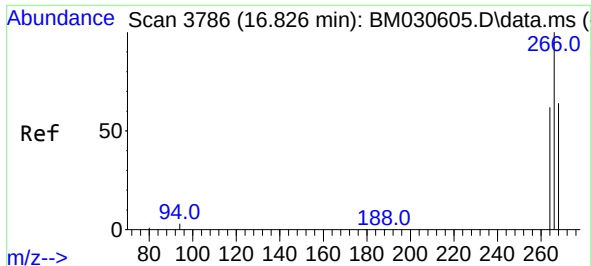
Tgt Ion:166 Resp: 1386
Ion Ratio Lower Upper
166 100
165 100.4 77.7 116.5
167 20.9 11.3 16.9#



Instrument :
BNA_M
ClientSampled :
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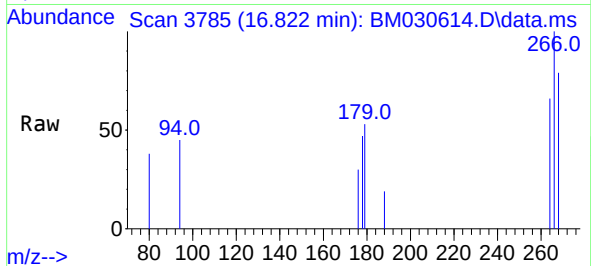
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#14
Pentachlorophenol
Concen: 0.123 ng/ul
RT: 16.822 min Scan# 3785
Delta R.T. -0.017 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44

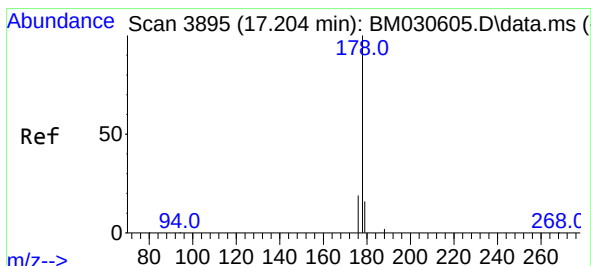
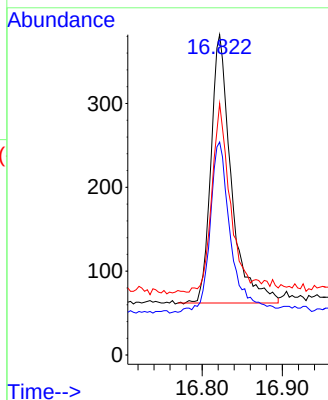
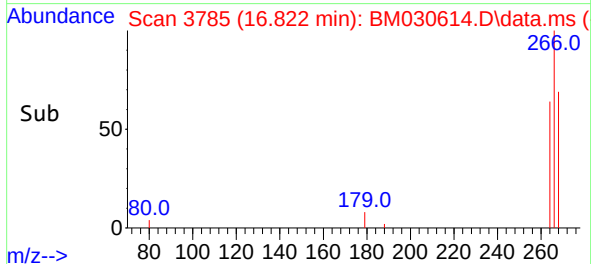
Instrument :
BNA_M
ClientSampled :
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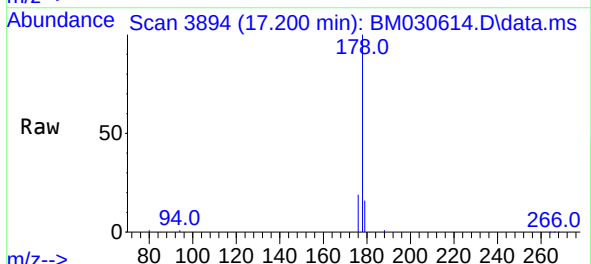
Tgt Ion:266 Resp: 563
Ion Ratio Lower Upper
266 100
264 64.7 47.7 71.5
268 68.9 47.5 71.3

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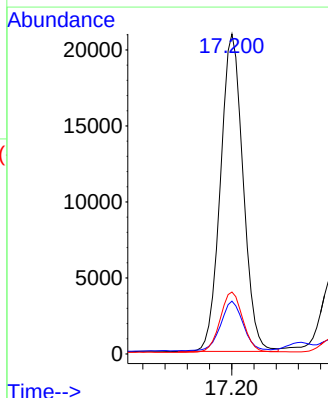
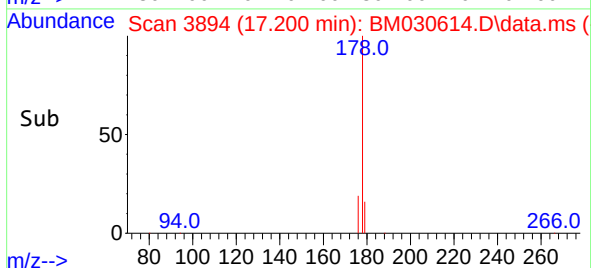
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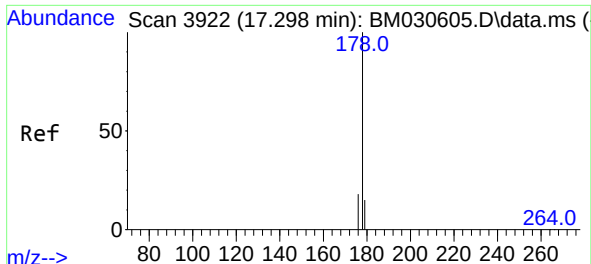


#15
Phenanthrene
Concen: 0.527 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.004 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



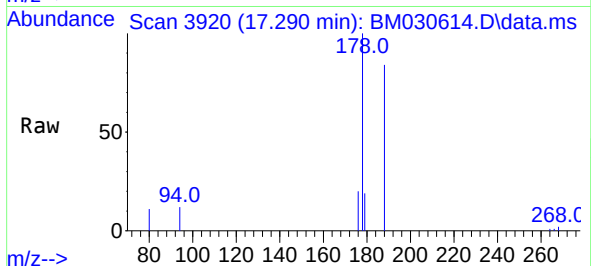
Tgt Ion:178 Resp: 29461
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.4 15.5 23.3





#16
 Anthracene
 Concen: 0.144 ng/ul
 RT: 17.290 min Scan# 3920
 Delta R.T. -0.007 min
 Lab File: BM030614.D
 Acq: 25 Jun 2021 22:44

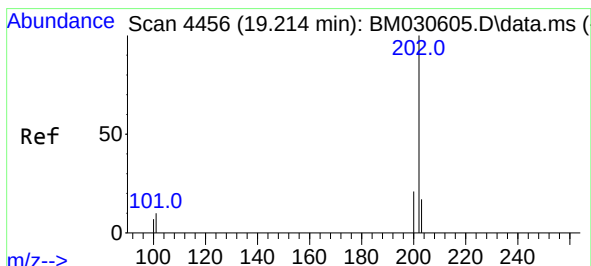
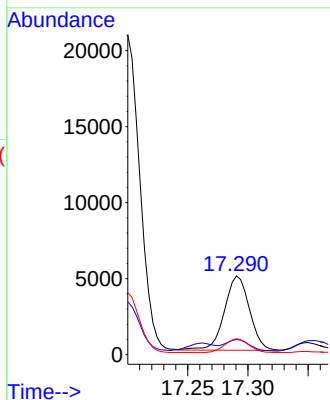
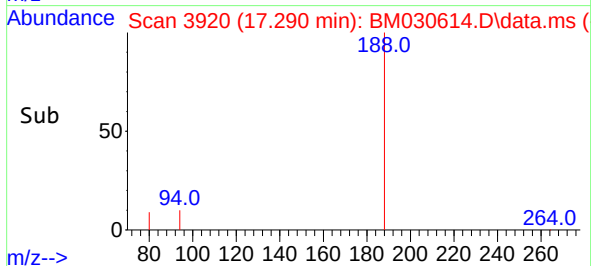
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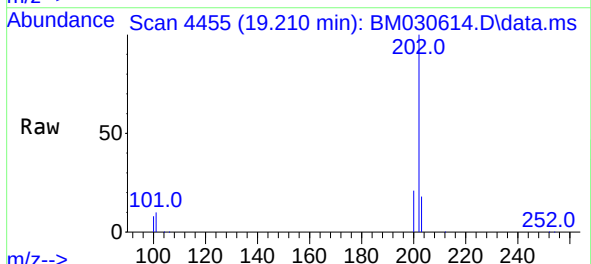
Tgt Ion:178 Resp: 7057
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.7 19.1#
 176 20.3 15.2 22.8

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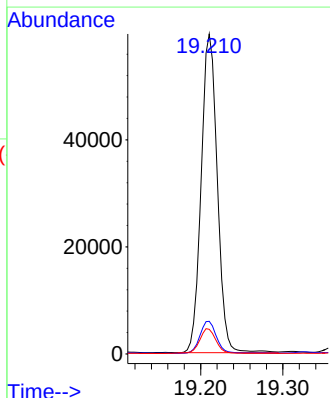
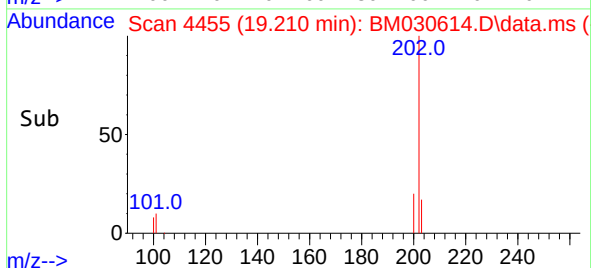
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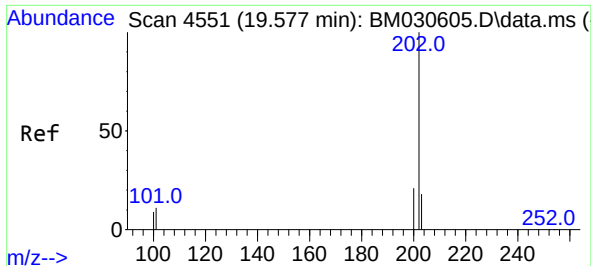


#19
 Fluoranthene
 Concen: 1.747 ng/ul
 RT: 19.210 min Scan# 4455
 Delta R.T. -0.004 min
 Lab File: BM030614.D
 Acq: 25 Jun 2021 22:44



Tgt Ion:202 Resp: 81230
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.8 13.2
 100 7.7 6.9 10.3





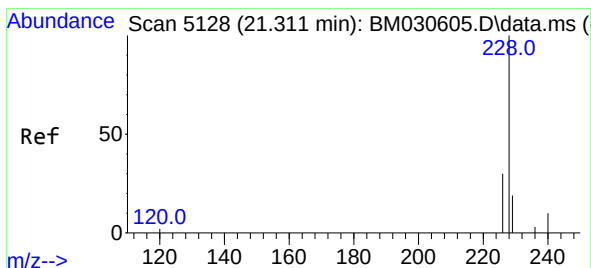
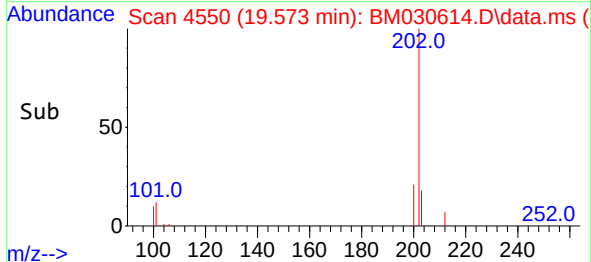
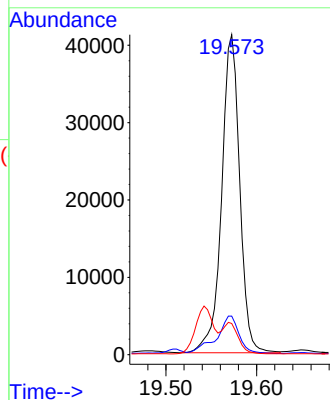
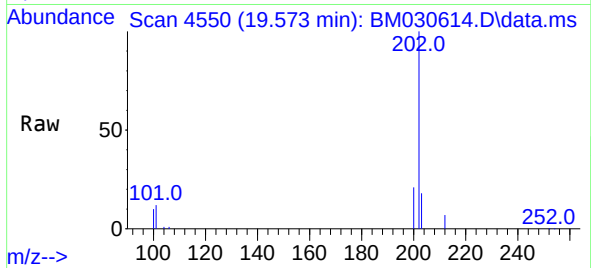
#20
Pyrene
Concen: 1.195 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44

Tgt Ion:202 Resp: 56930
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.7 8.2 12.2

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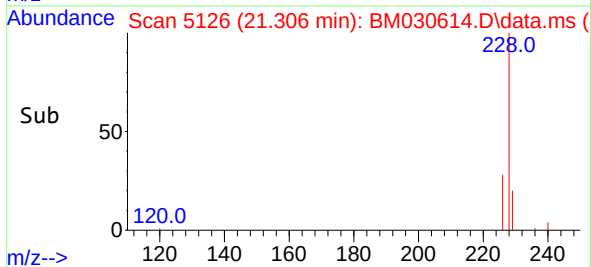
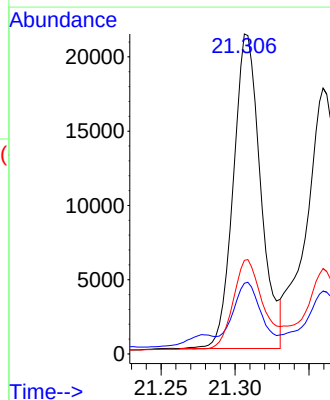
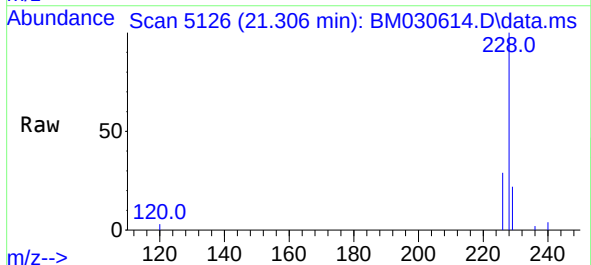
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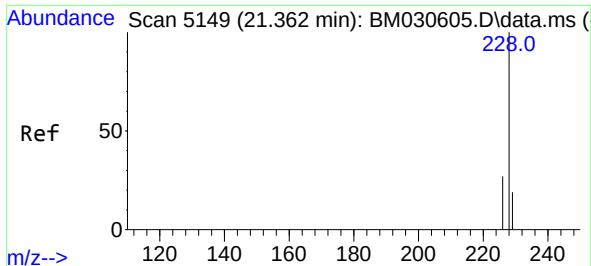
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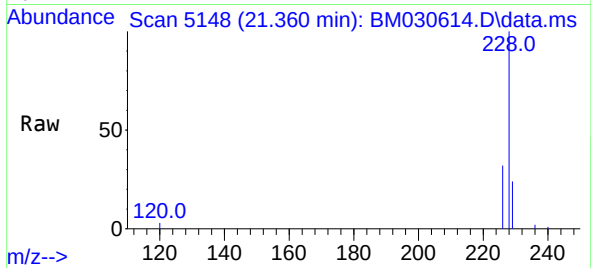
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Benzo(a)anthracene
Concen: 0.677 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44

Tgt Ion:228 Resp: 27197
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.3 22.2 33.4

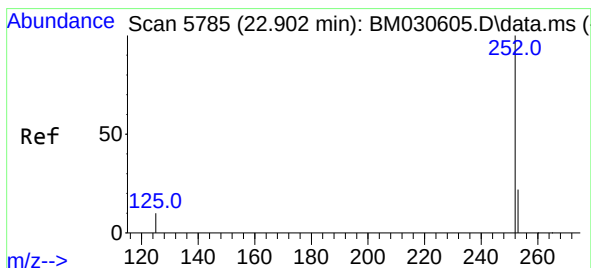
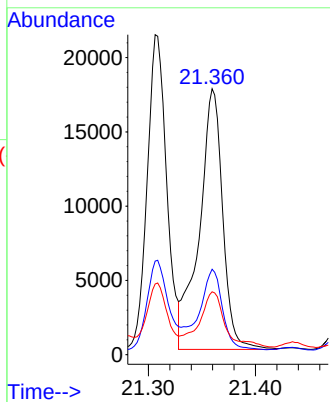
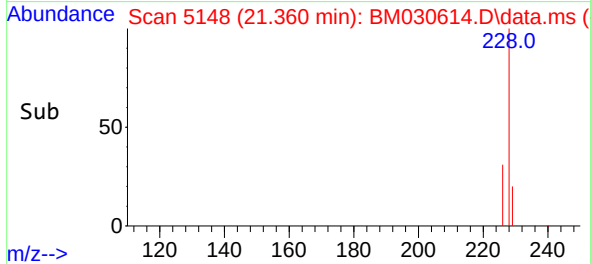




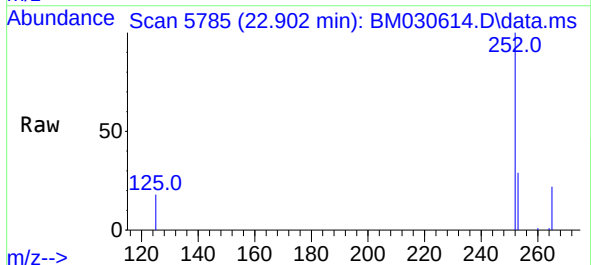
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Chrysene
Concen: 0.600 ng/ul m
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



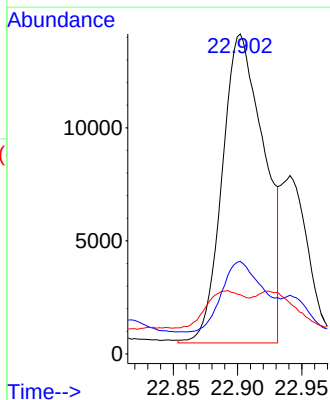
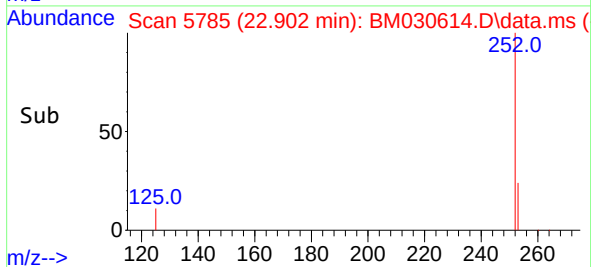
Tgt Ion:228 Resp: 26742
Ion Ratio Lower Upper
228 100
226 32.1 24.4 36.6
229 23.6 15.4 23.0#



#24
Benzo(b)fluoranthene
Concen: 0.738 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



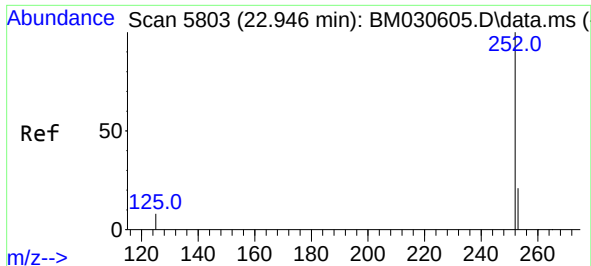
Tgt Ion:252 Resp: 31024
Ion Ratio Lower Upper
252 100
253 29.0 0.0 50.2
125 18.5 0.0 27.8



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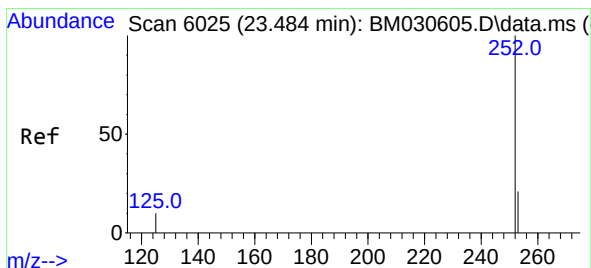
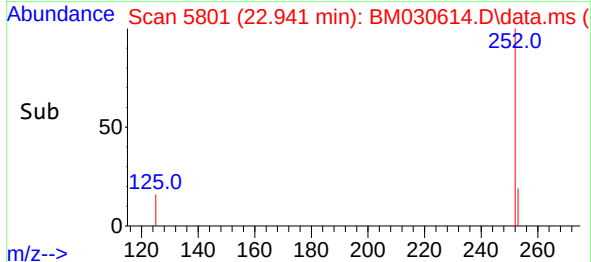
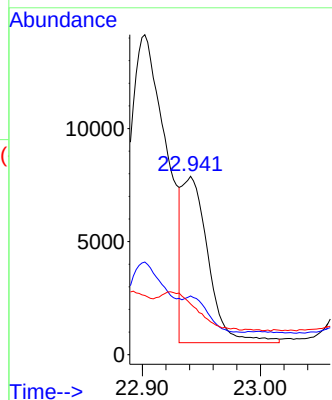
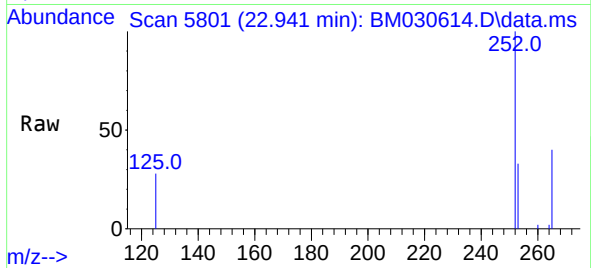
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Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44

Tgt Ion:252 Resp: 11343
Ion Ratio Lower Upper
252 100
253 32.9 20.6 31.0#
125 28.5 11.0 16.4#

Instrument :
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ClientSampled :
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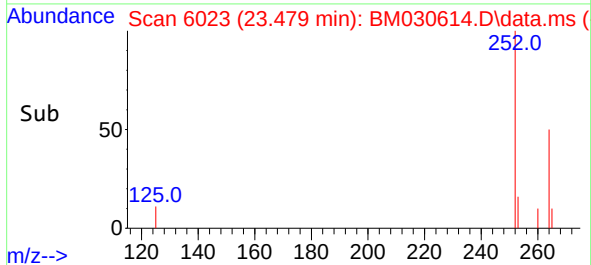
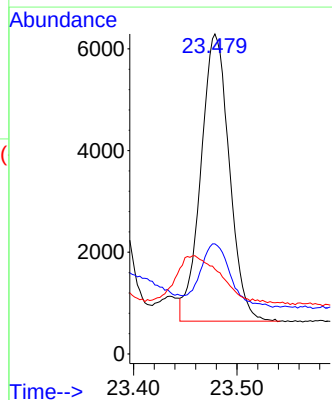
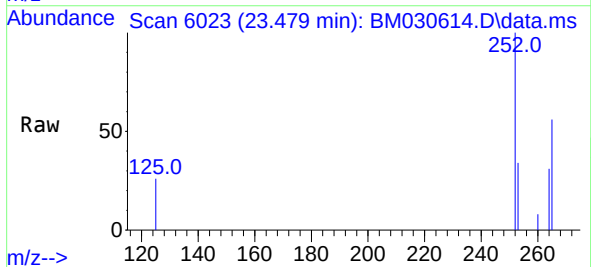
Manual Integrations
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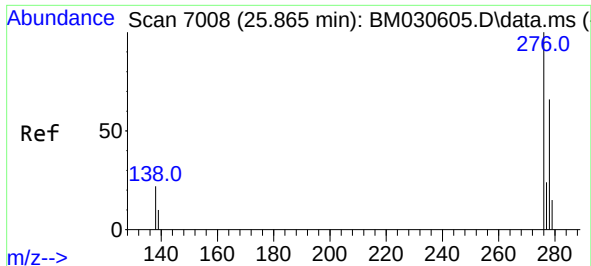
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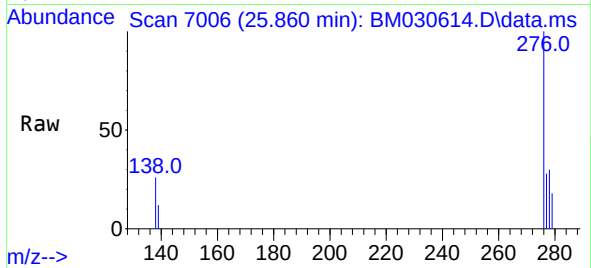
#26
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.010 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44

Tgt Ion:252 Resp: 10767
Ion Ratio Lower Upper
252 100
253 34.4 22.0 33.0#
125 26.5 13.4 20.2#

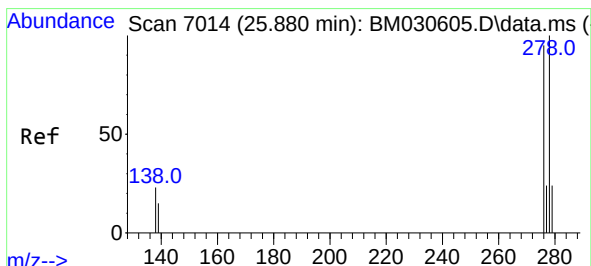
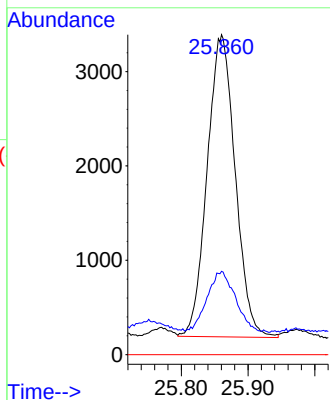
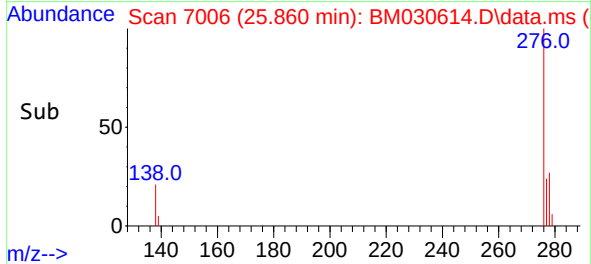




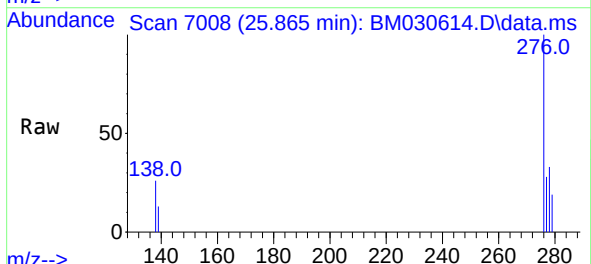
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.012 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



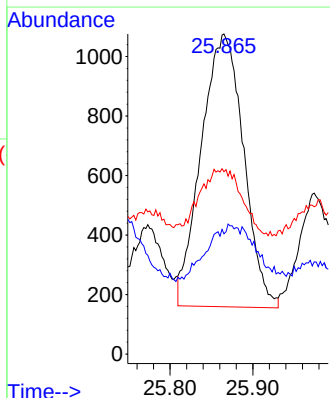
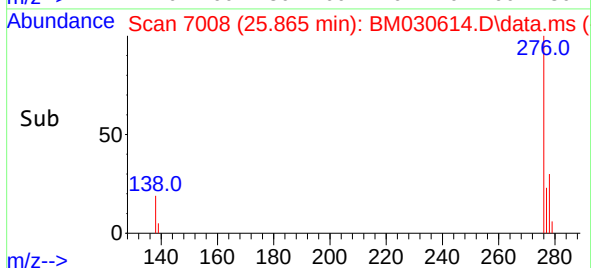
Tgt Ion: 276 Resp: 9350
Ion Ratio Lower Upper
276 100
138 20.6 19.1 28.7
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.022 min
Lab File: BM030614.D
Acq: 25 Jun 2021 22:44



Tgt Ion: 278 Resp: 3263
Ion Ratio Lower Upper
278 100
139 37.5 14.2 21.4#
279 57.0 21.6 32.4#



Instrument :
BNA_M
ClientSampled :
BGD76

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:31 PM