

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031324.D
 Acq On : 31 Jul 2021 22:28
 Operator : CG/JU
 Sample : M3091-18DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0056DL

Manual Integrations
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 8/2/2021 3:42:39 PM

Quant Time: Aug 02 01:13:52 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	7830	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	5043	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	9856	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	7638	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	7254	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	797	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	364	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	763	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	3073	0.132	ng/ul	96
7) 2-Methylnaphthalene	12.038	142	7908	0.496	ng/ul	99
8) 1-Methylnaphthalene	12.259	142	4340	0.276	ng/ul	100
10) Acenaphthylene	13.959	152	435	0.020	ng/ul#	59
12) Fluorene	15.289	166	773	0.037	ng/ul#	74
15) Phenanthrene	17.023	178	16604	0.531	ng/ul	99
19) Fluoranthene	19.046	202	5568	0.171	ng/ul#	90
20) Pyrene	19.409	202	4914	0.149	ng/ul#	91
21) Benzo(a)anthracene	21.159	228	1975	0.064	ng/ul#	65
22) Chrysene	21.209	228	7936	0.249	ng/ul#	91
24) Benzo(b)fluoranthene	22.694	252	4623m	0.141	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	1073m	0.032	ng/ul	
26) Benzo(a)pyrene	23.244	252	1980	0.069	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	25.480	276	1567	0.042	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.490	278	696	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.139	276	1606	0.051	ng/ul#	69

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

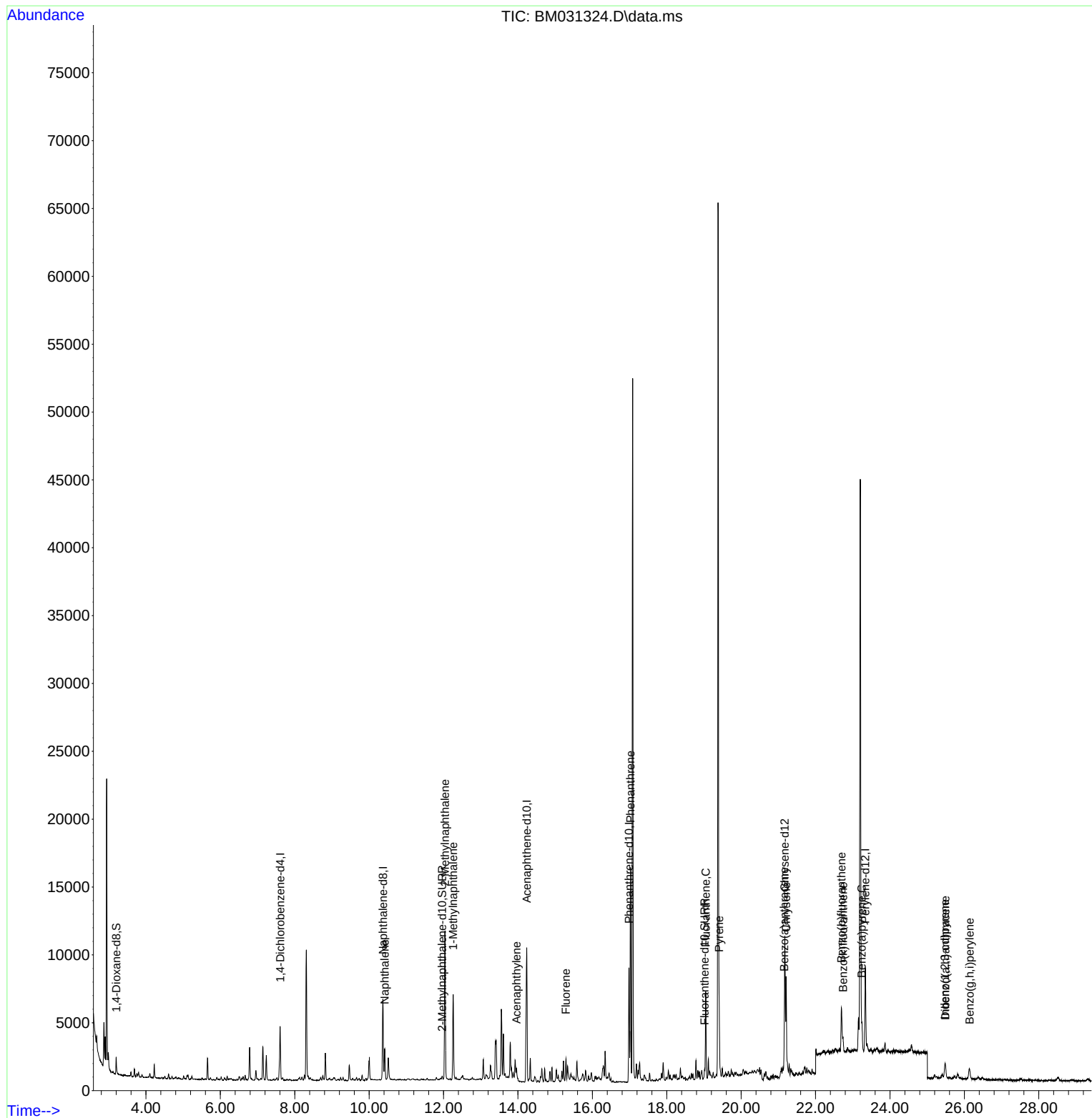
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
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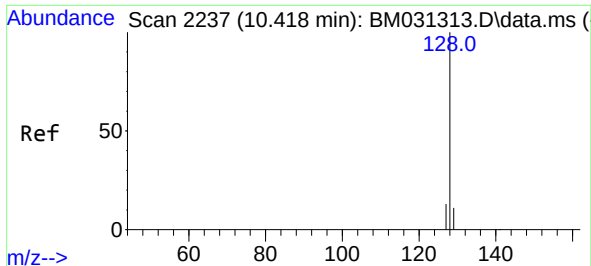
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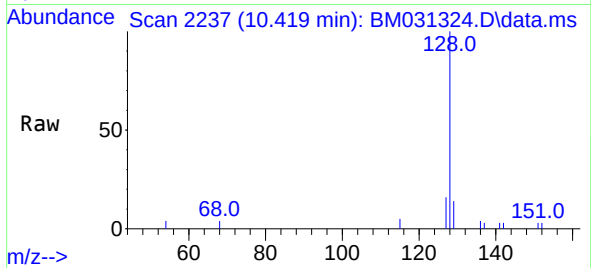
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Quant Time: Aug 02 01:13:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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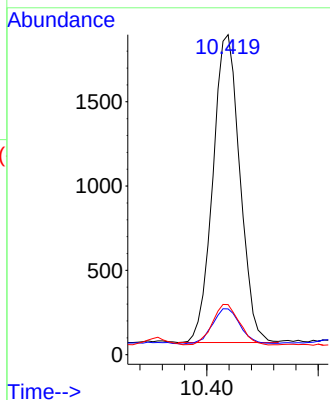
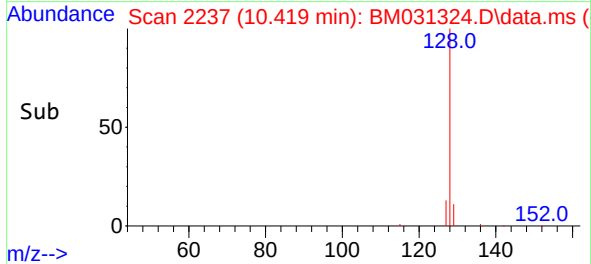




#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



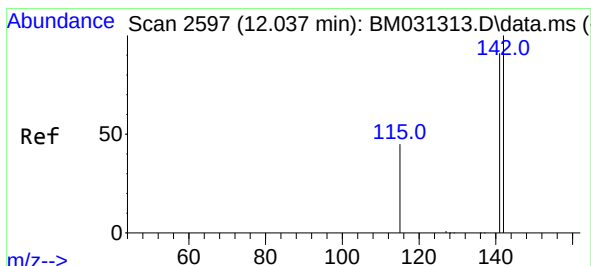
Tgt Ion:	128	Resp:	3073
Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.0	15.0
127	15.6	11.6	17.4



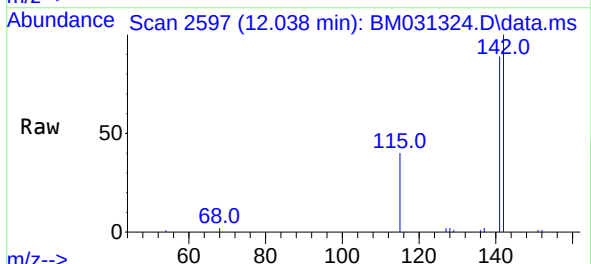
Instrument :
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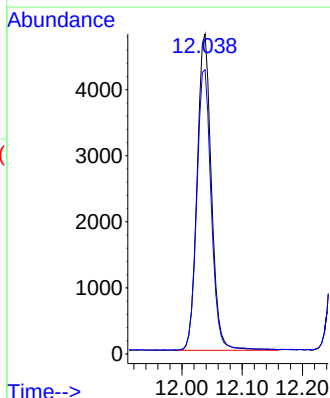
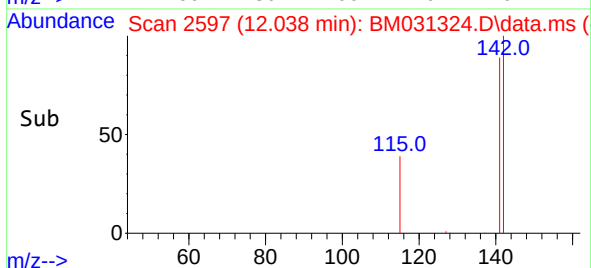
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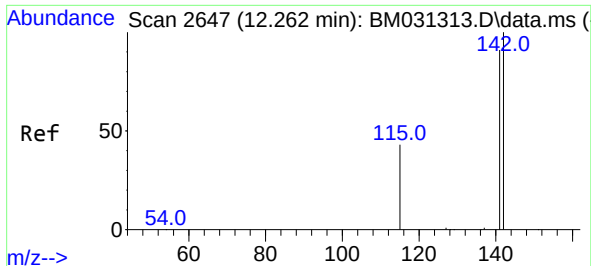


#7
2-Methylnaphthalene
Concen: 0.496 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



Tgt Ion:	142	Resp:	7908
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0





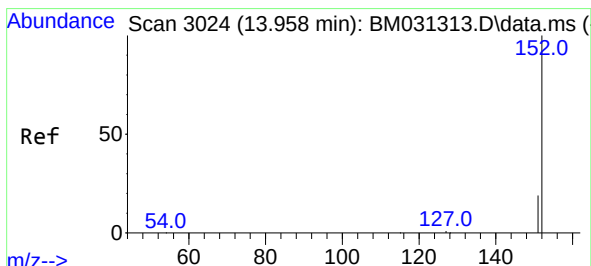
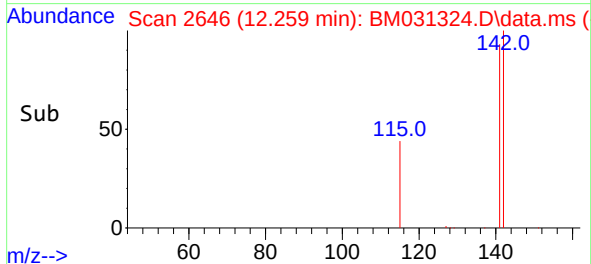
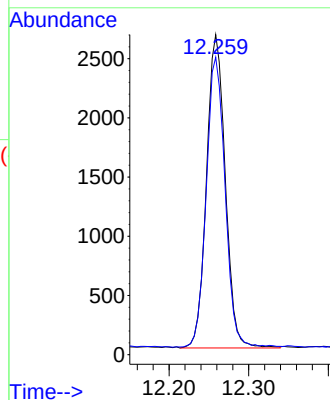
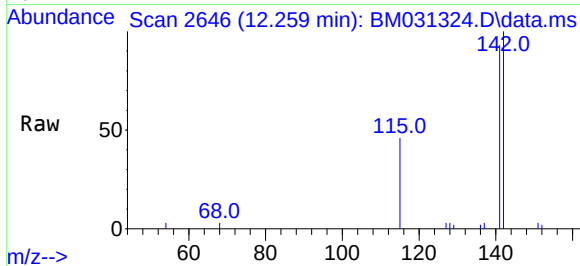
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1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:142 Resp: 4340
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

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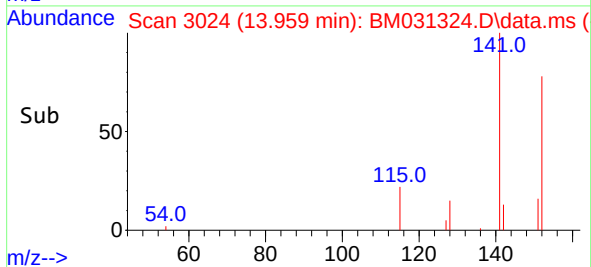
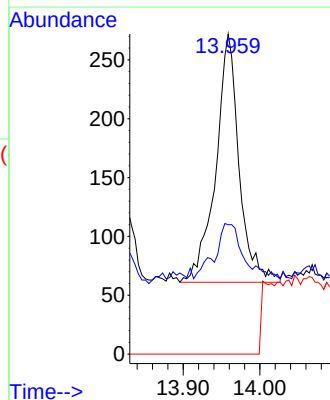
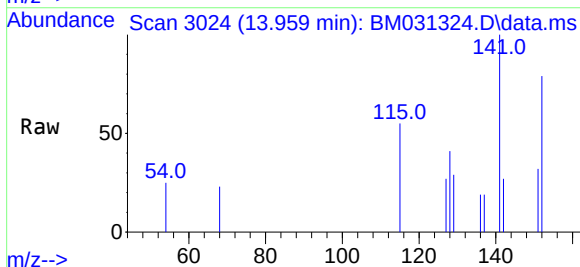
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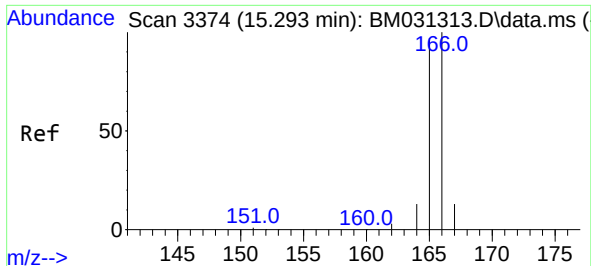
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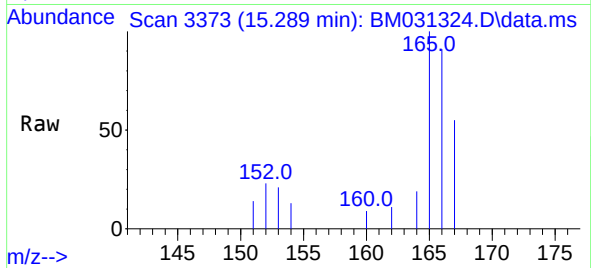
#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:152 Resp: 435
Ion Ratio Lower Upper
152 100
151 40.4 16.9 25.3#
153 0.0 0.0 0.0

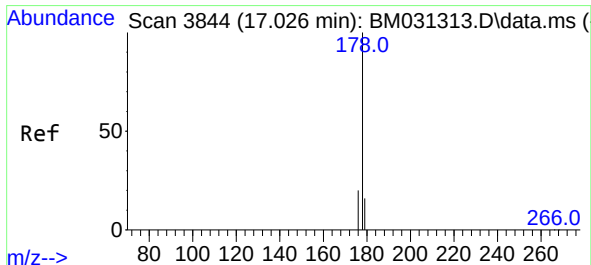
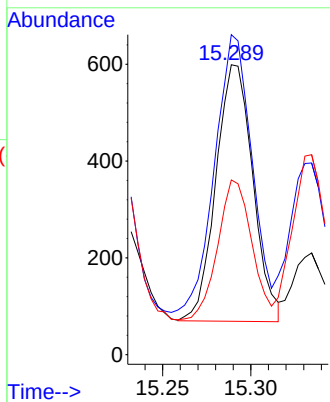
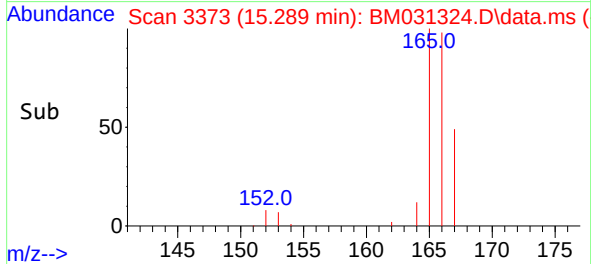




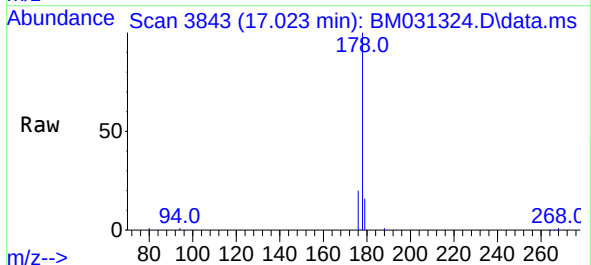
#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



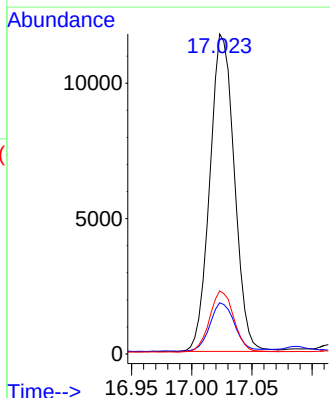
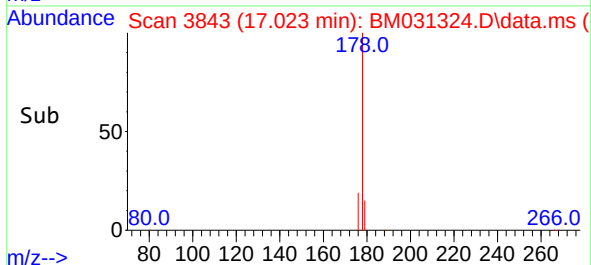
Tgt Ion:166 Resp: 773
Ion Ratio Lower Upper
166 100
165 110.4 78.0 117.0
167 60.3 12.0 18.0#



#15
Phenanthrene
Concen: 0.531 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



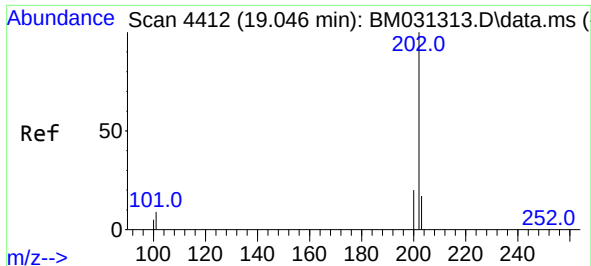
Tgt Ion:178 Resp: 16604
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.7 16.2 24.4



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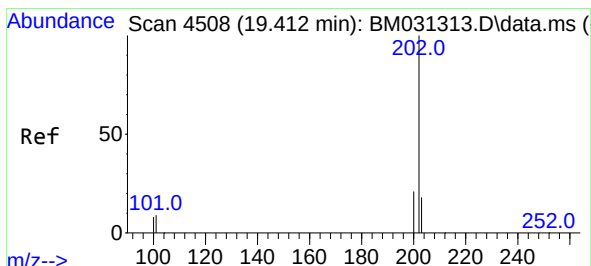
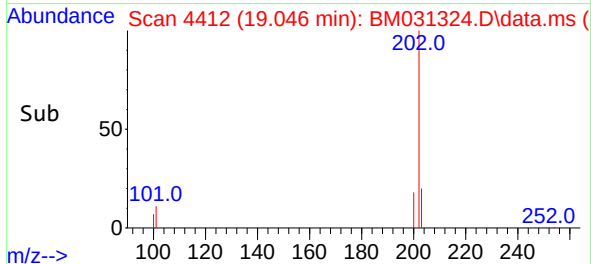
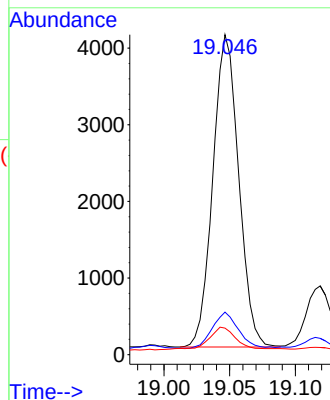
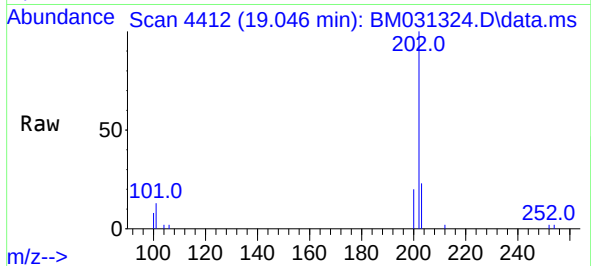
#19
Fluoranthene
Concen: 0.171 ng/ul
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:	202	Resp:	5568
Ion Ratio	Lower	Upper	
202	100		
101	13.3	6.6	10.0#
100	8.3	5.4	8.0#

Instrument :
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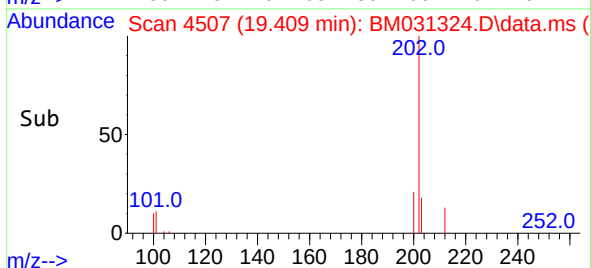
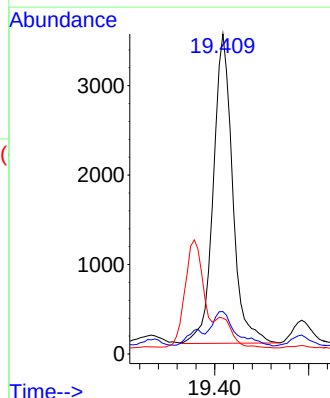
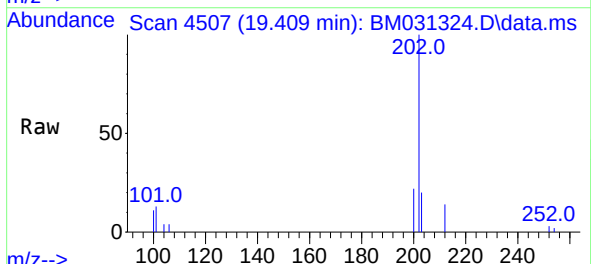
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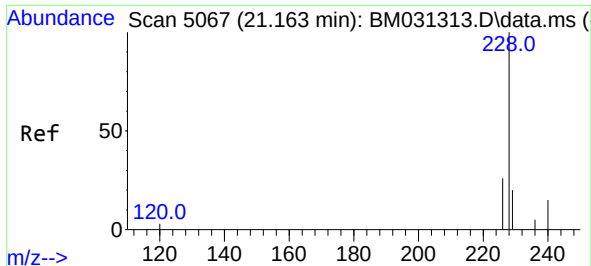
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#20
Pyrene
Concen: 0.149 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:	202	Resp:	4914
Ion Ratio	Lower	Upper	
202	100		
101	13.2	7.8	11.6#
100	11.2	6.6	10.0#





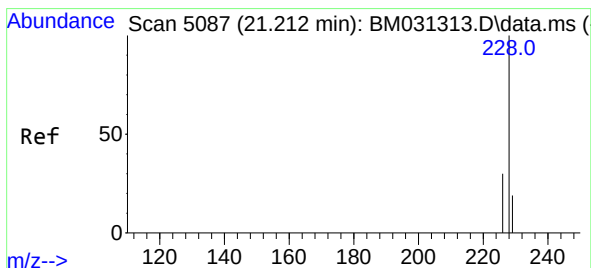
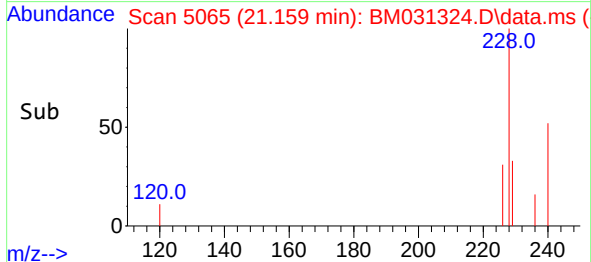
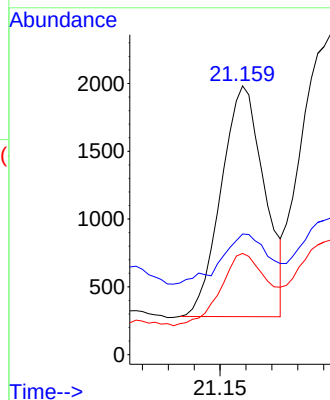
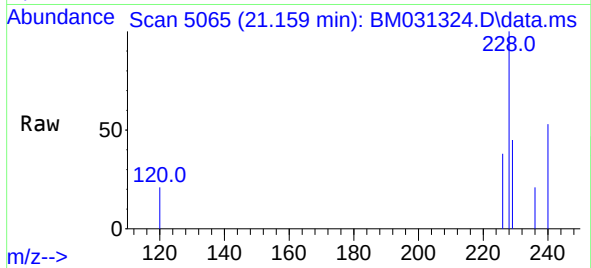
#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:228 Resp: 1975
Ion Ratio Lower Upper
228 100
229 44.9 15.6 23.4#
226 37.7 21.7 32.5#

Instrument :
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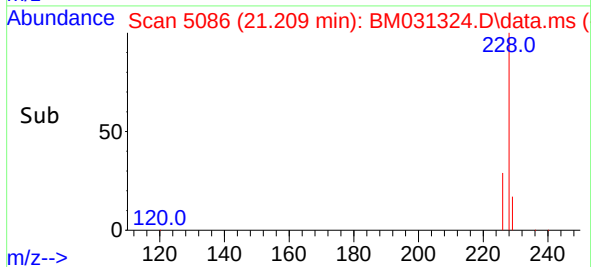
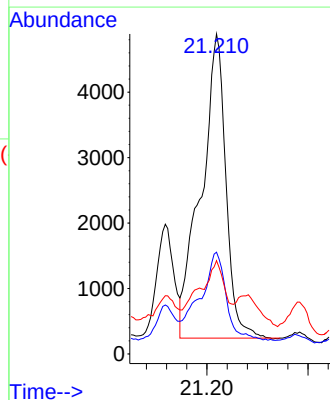
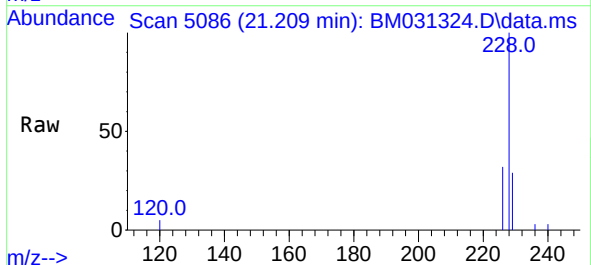
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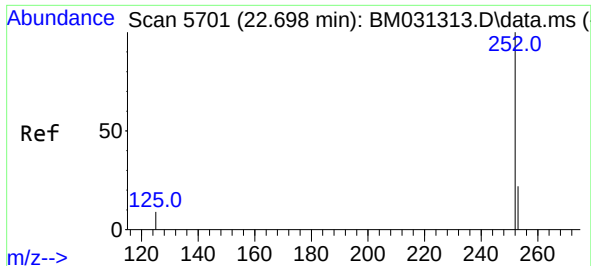
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#22
Chrysene
Concen: 0.249 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:228 Resp: 7936
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 29.1 16.2 24.2#





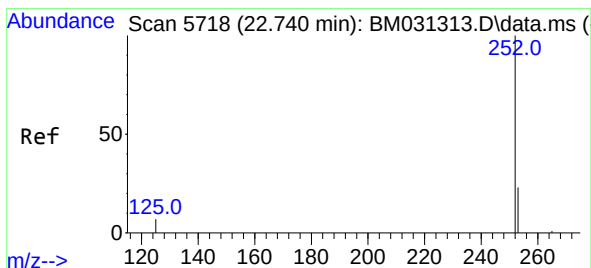
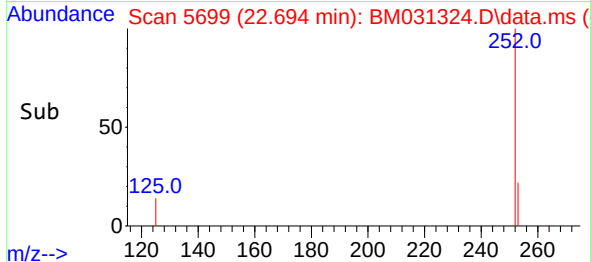
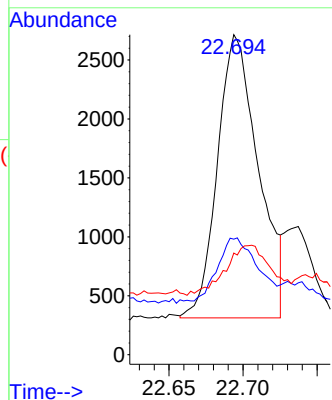
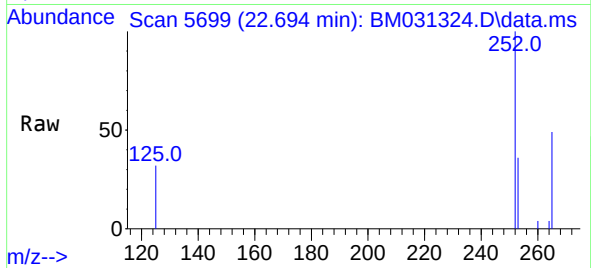
#24
Benzo(b)fluoranthene
Concen: 0.141 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.005 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:252 Resp: 4623
Ion Ratio Lower Upper
252 100
253 36.1 0.0 53.0
125 31.8 0.0 22.8#

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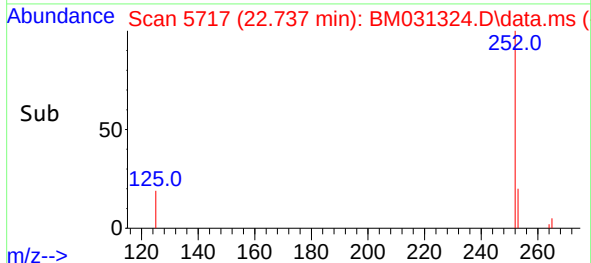
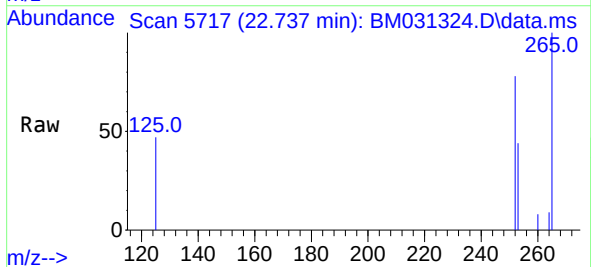
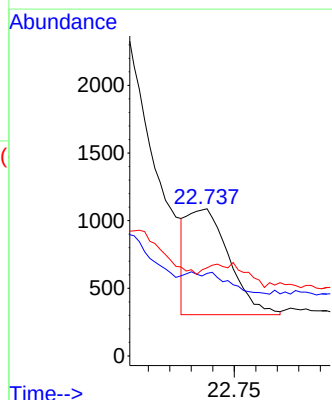
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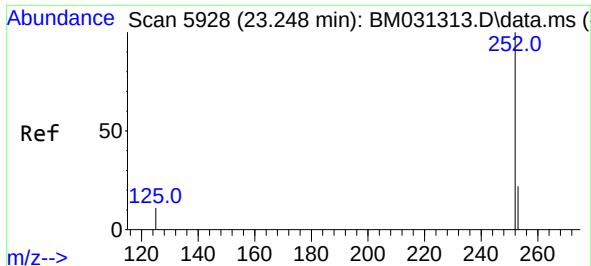
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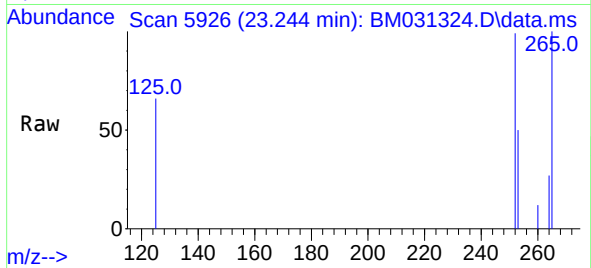
#25
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion:252 Resp: 1073
Ion Ratio Lower Upper
252 100
253 56.1 21.3 31.9#
125 59.9 8.8 13.2#

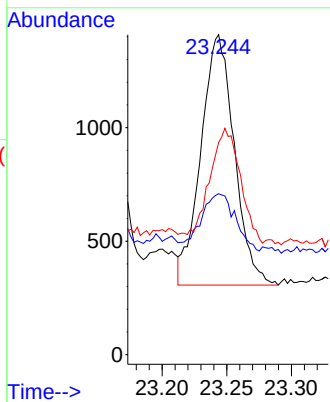
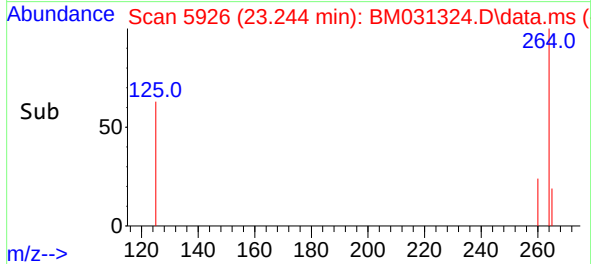




#26
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



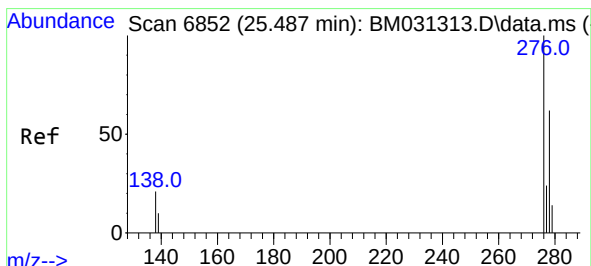
Tgt Ion:252 Resp: 1980
Ion Ratio Lower Upper
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253 50.3 22.4 33.6#
125 66.4 13.0 19.4#



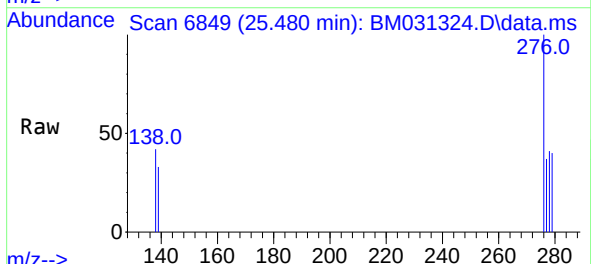
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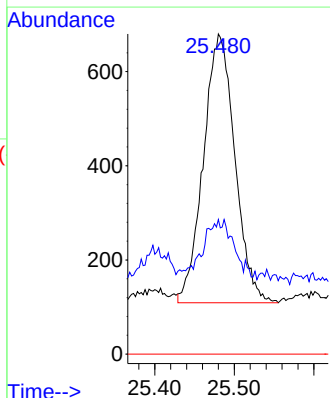
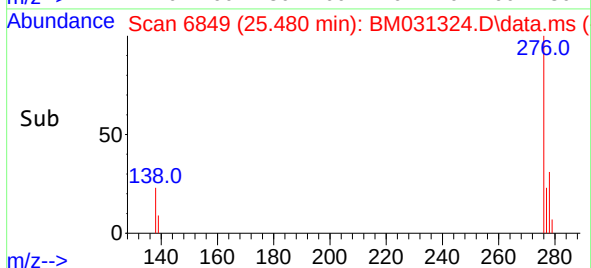
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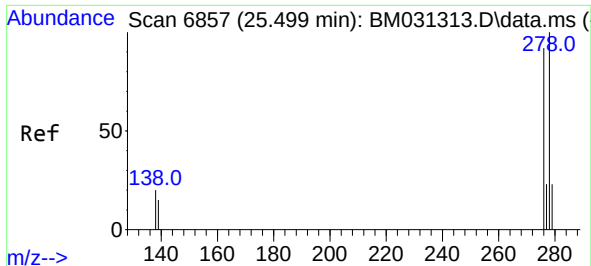


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28



Tgt Ion:276 Resp: 1567
Ion Ratio Lower Upper
276 100
138 17.4 15.8 23.8
227 0.0 0.0 0.0





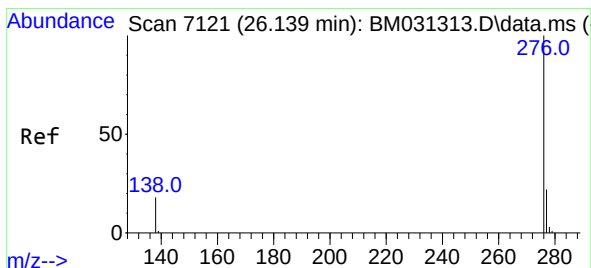
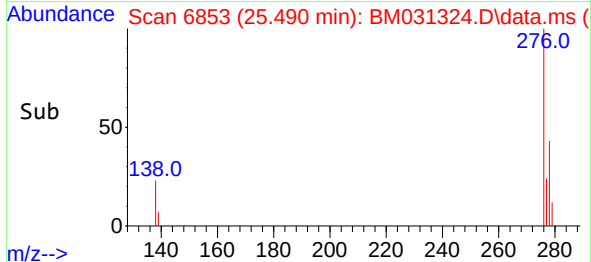
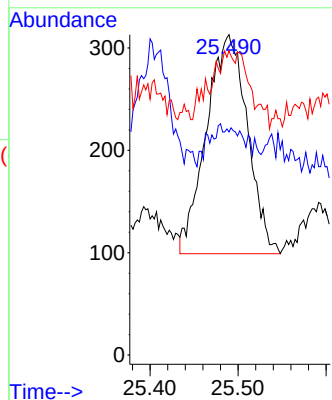
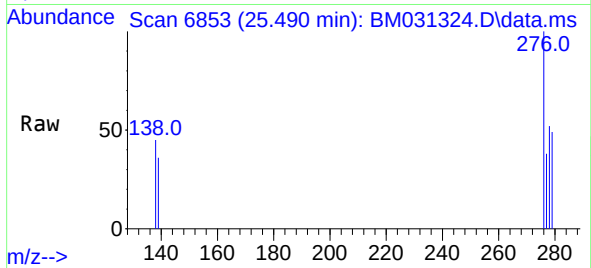
#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion: 278 Resp: 696
Ion Ratio Lower Upper
278 100
139 69.6 13.3 19.9#
279 94.9 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0056DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:39 PM



#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.139 min Scan# 7121
Delta R.T. -0.005 min
Lab File: BM031324.D
Acq: 31 Jul 2021 22:28

Tgt Ion: 276 Resp: 1606
Ion Ratio Lower Upper
276 100
138 38.2 15.4 23.2#
277 36.1 19.9 29.9#

