

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031323.D
 Acq On : 31 Jul 2021 21:51
 Operator : CG/JU
 Sample : M3091-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0056

Manual Integrations
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Quant Time: Aug 02 01:13:44 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	7.604	152	1794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	7185	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.235	164	5097	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	8994	0.400	ng/ul #	0.00
17) Chrysene-d12	21.173	240	6751	0.400	ng/ul #	0.00
23) Perylene-d12	23.338	264	6279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3795	1.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1613	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	3548	0.157	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	14522	0.679	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	37332	2.553	ng/ul	100
8) 1-Methylnaphthalene	12.259	142	20155	1.395	ng/ul	100
10) Acenaphthylene	13.959	152	1738	0.080	ng/ul#	79
11) Acenaphthene	14.330	153	1909m	0.104	ng/ul	
12) Fluorene	15.289	166	3514	0.167	ng/ul#	77
15) Phenanthrene	17.027	178	76588	2.682	ng/ul	97
16) Anthracene	17.117	178	1276m	0.048	ng/ul	
19) Fluoranthene	19.047	202	25886	0.898	ng/ul#	94
20) Pyrene	19.409	202	22382	0.765	ng/ul#	93
21) Benzo(a)anthracene	21.159	228	9156	0.336	ng/ul#	71
22) Chrysene	21.210	228	36376	1.290	ng/ul#	93
24) Benzo(b)fluoranthene	22.696	252	21250m	0.751	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	4720m	0.161	ng/ul	
26) Benzo(a)pyrene	23.244	252	8511	0.344	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.480	276	6833	0.213	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.490	278	3006	0.116	ng/ul#	36
29) Benzo(g,h,i)perylene	26.134	276	7462	0.273	ng/ul#	88

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

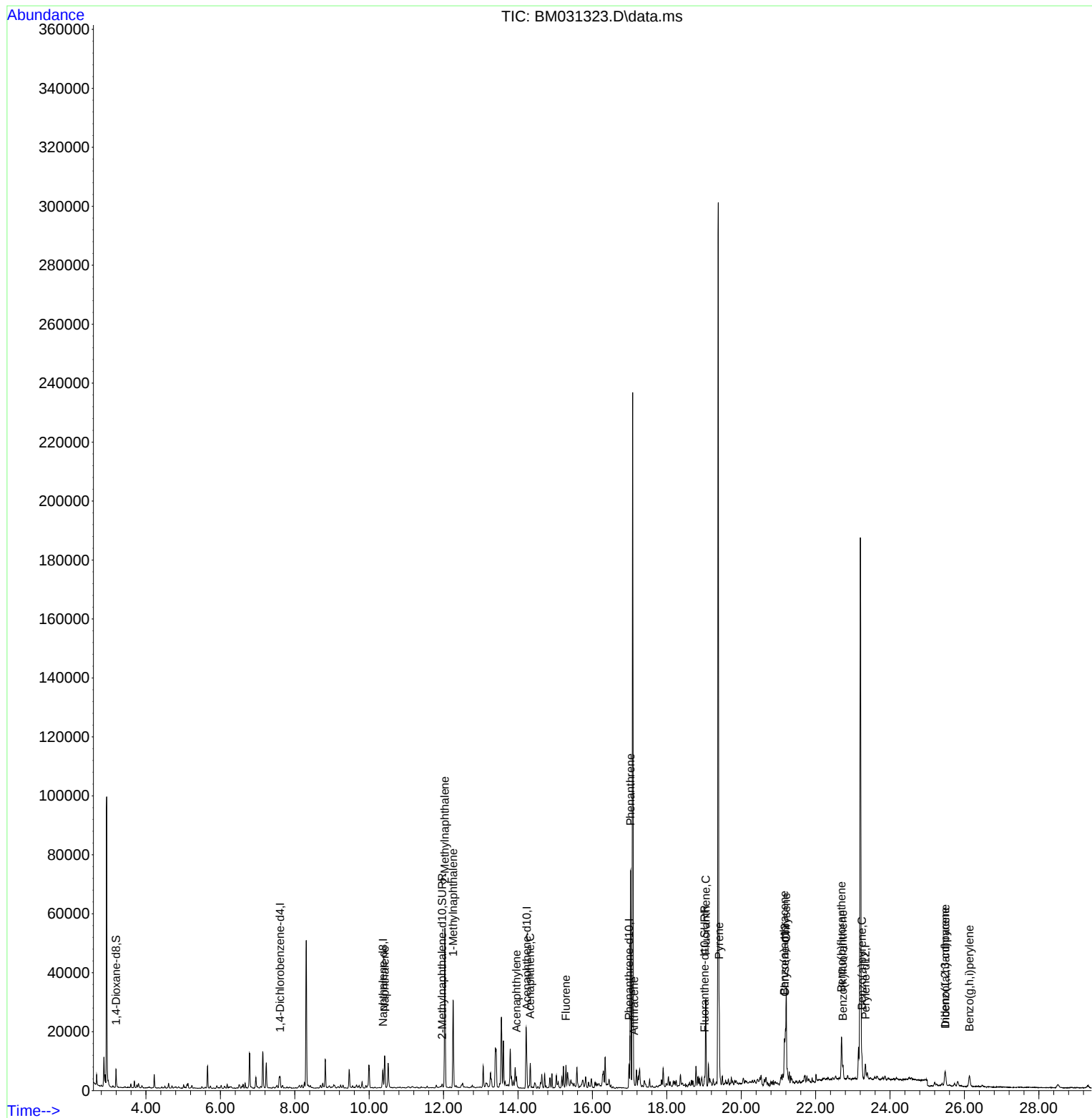
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031323.D
Acq On : 31 Jul 2021 21:51
Operator : CG/JU
Sample : M3091-18
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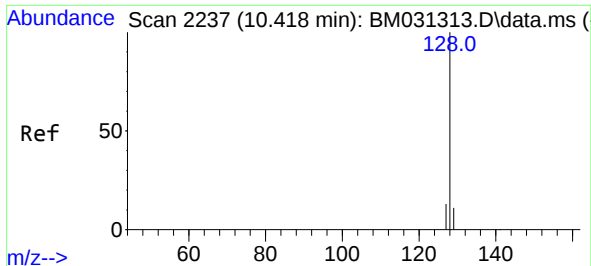
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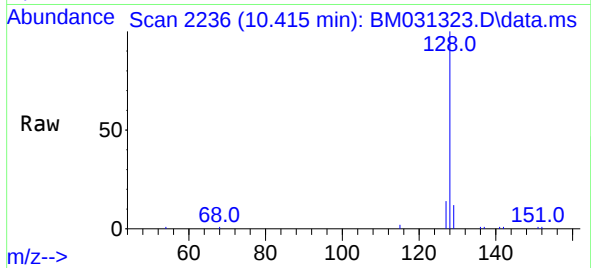
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Quant Time: Aug 02 01:13:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

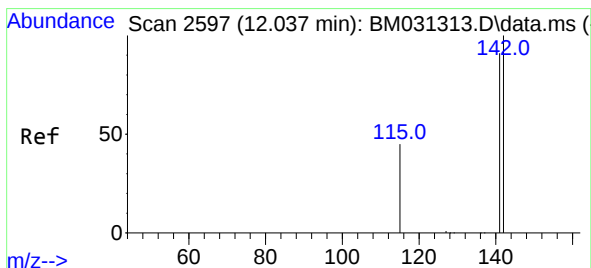
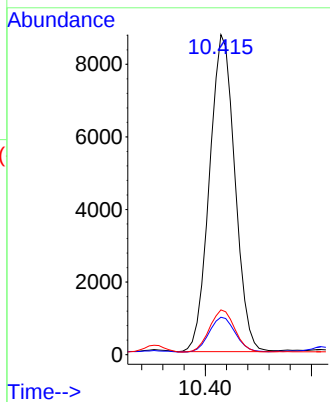
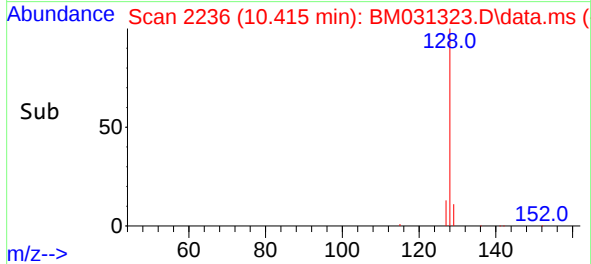




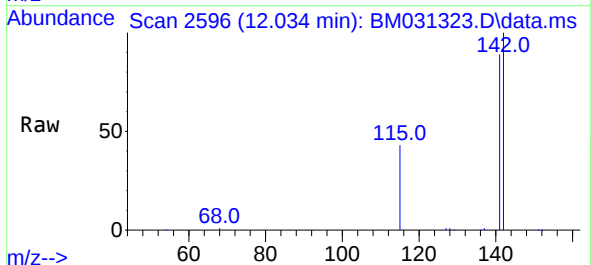
#5
Naphthalene
Concen: 0.679 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51



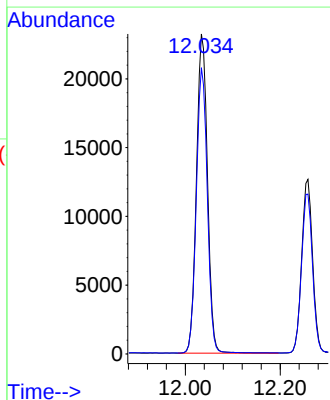
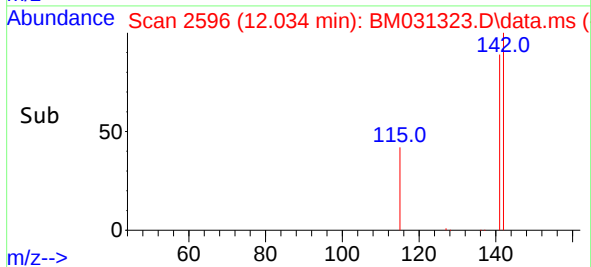
Tgt Ion:128 Resp: 14522
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 14.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 2.553 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51



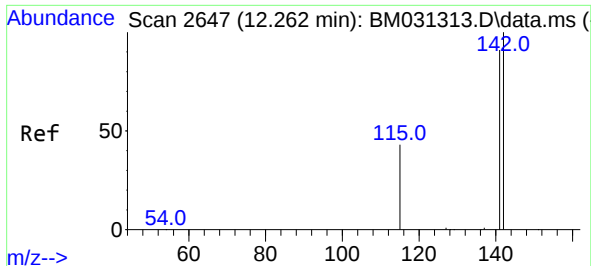
Tgt Ion:142 Resp: 37332
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



Instrument :
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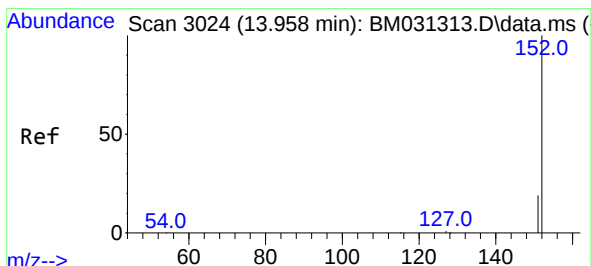
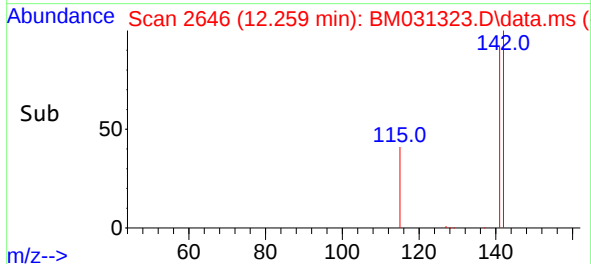
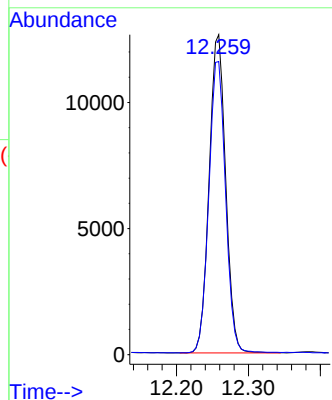
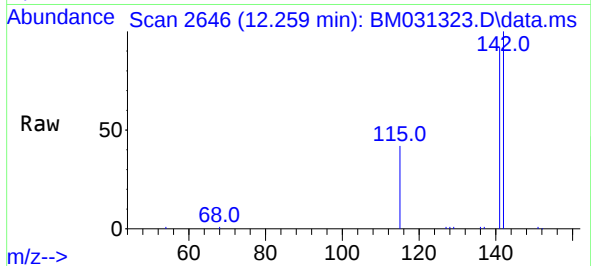
#8
1-Methylnaphthalene
Concen: 1.395 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:142 Resp: 20155
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

Instrument :
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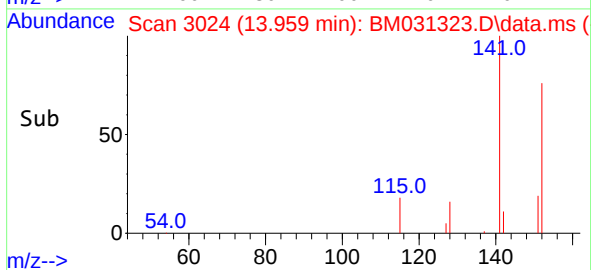
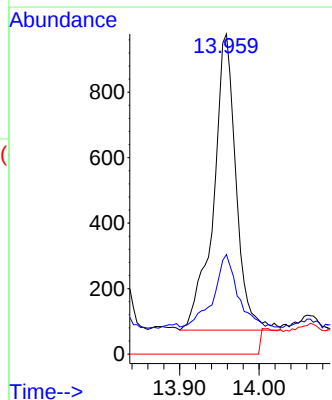
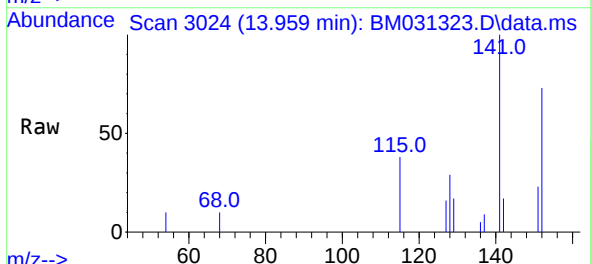
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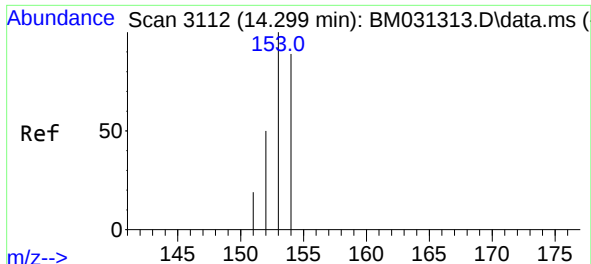
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#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:152 Resp: 1738
Ion Ratio Lower Upper
152 100
151 31.1 16.9 25.3#
153 0.0 0.0 0.0





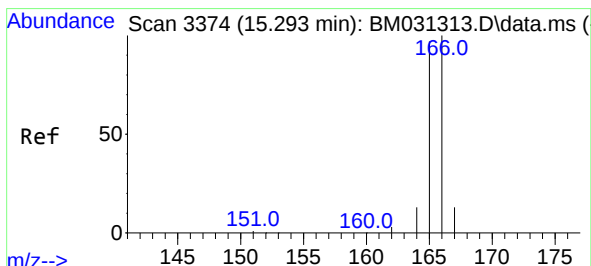
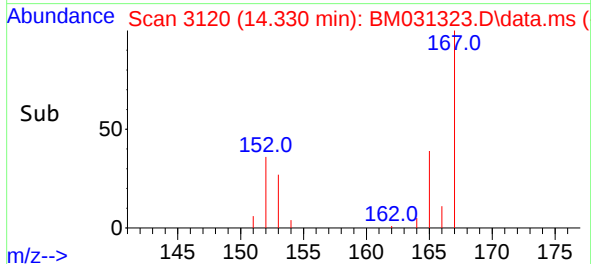
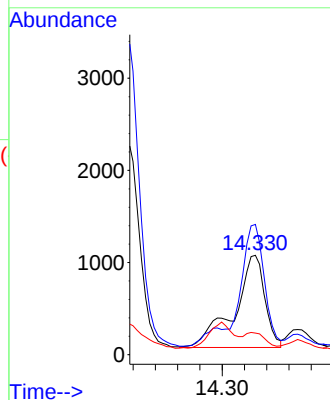
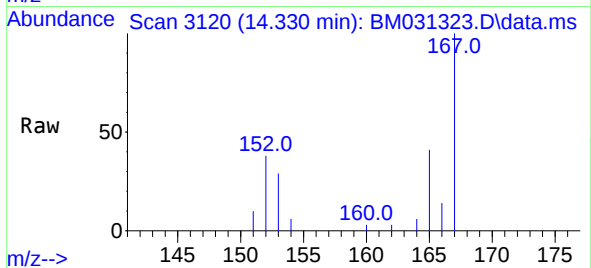
#11
Acenaphthene
Concen: 0.104 ng/ul m
RT: 14.330 min Scan# 3120
Delta R.T. 0.027 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:153 Resp: 1909
Ion Ratio Lower Upper
153 100
152 131.0 40.7 61.1#
154 21.8 70.2 105.2#

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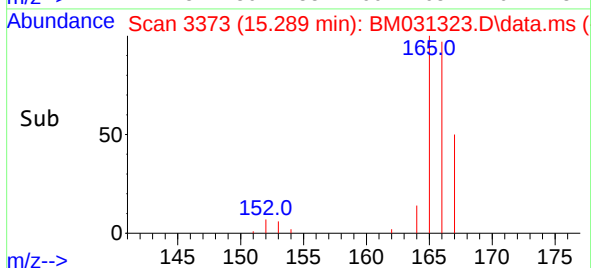
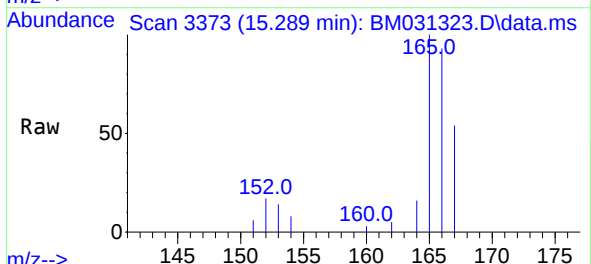
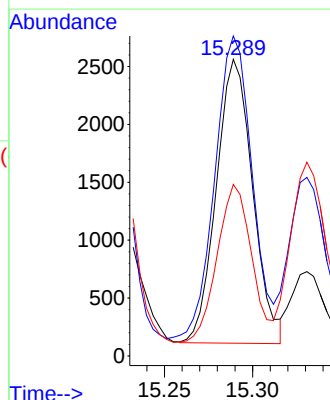
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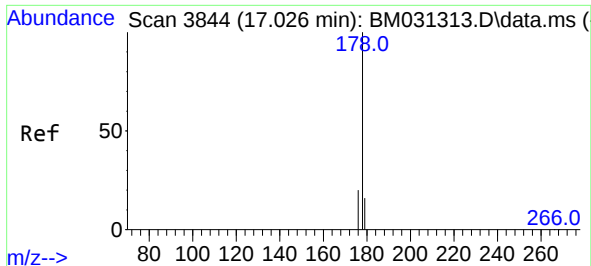
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#12
Fluorene
Concen: 0.167 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

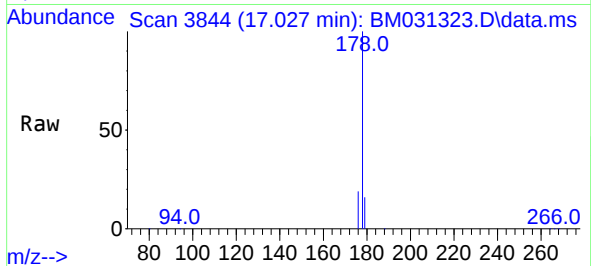
Tgt Ion:166 Resp: 3514
Ion Ratio Lower Upper
166 100
165 107.9 78.0 117.0
167 57.8 12.0 18.0#





#15
Phenanthrene
Concen: 2.682 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

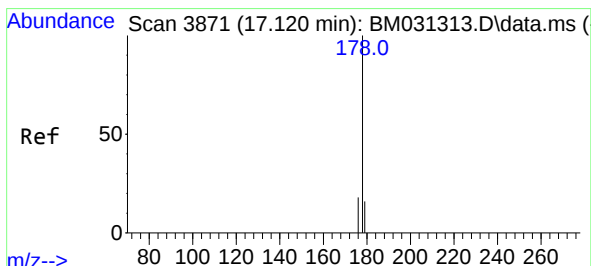
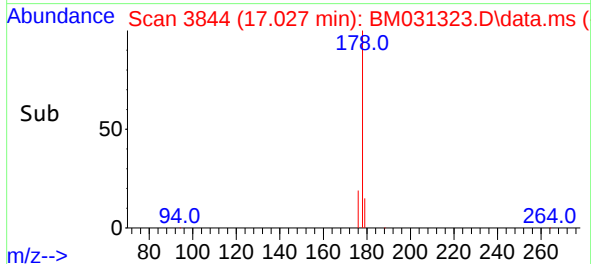
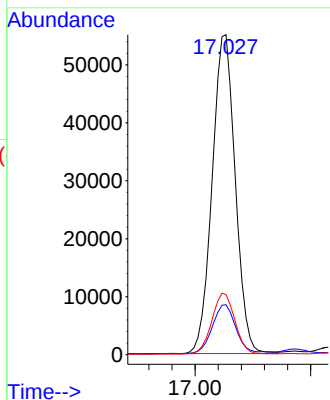
Instrument :
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ClientSampled :
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Tgt Ion:	178	Resp:	76588
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.3	19.9
176	18.8	16.2	24.4

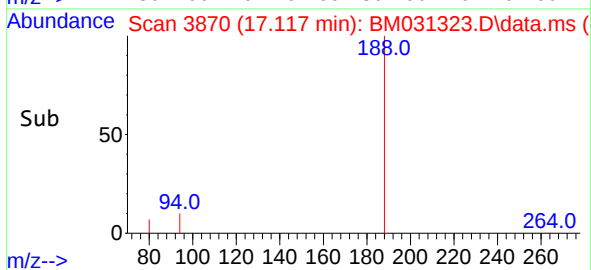
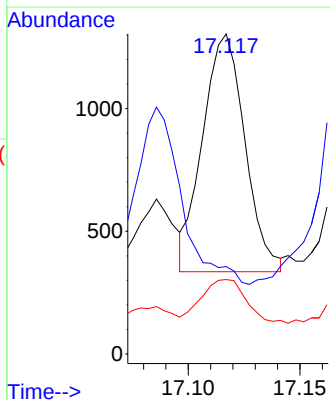
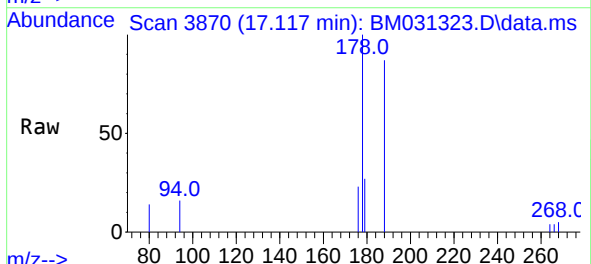
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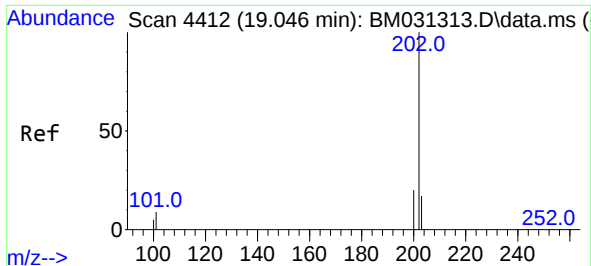
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#16
Anthracene
Concen: 0.048 ng/ul m
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:	178	Resp:	1276
Ion Ratio	Lower	Upper	
178	100		
179	27.3	13.0	19.6#
176	23.2	15.6	23.4





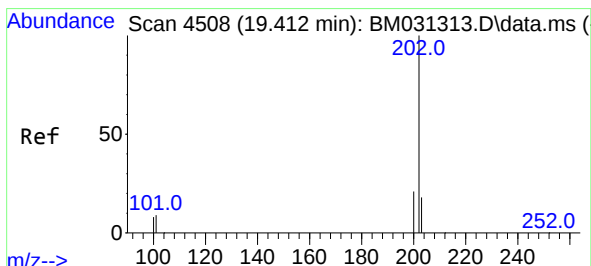
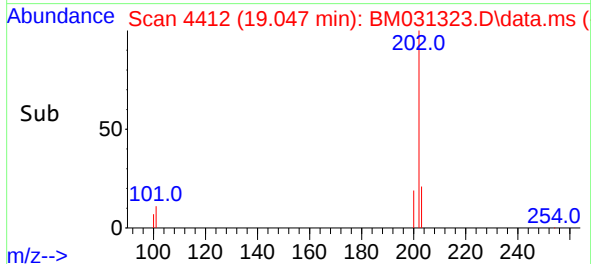
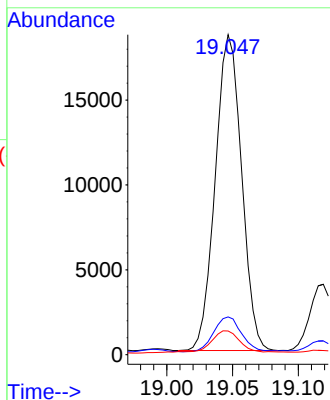
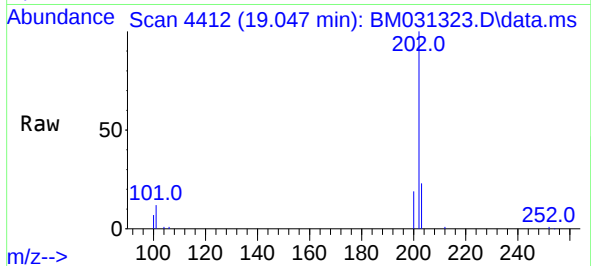
#19
Fluoranthene
Concen: 0.898 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	6.6	10.0#
100	7.4	5.4	8.0

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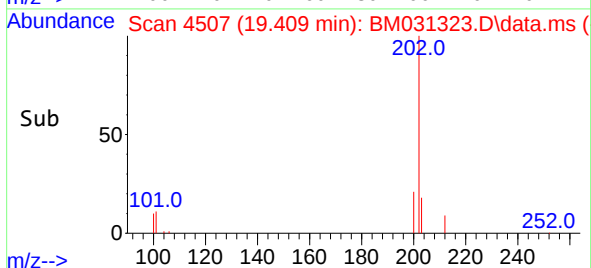
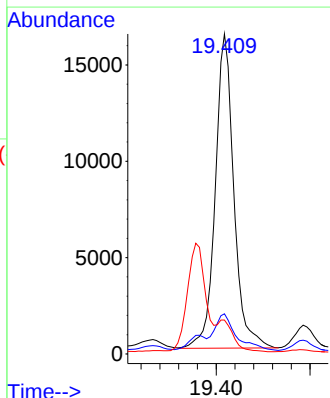
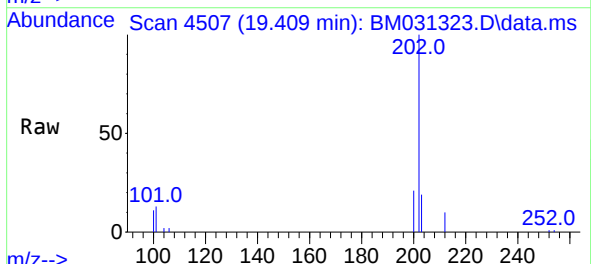
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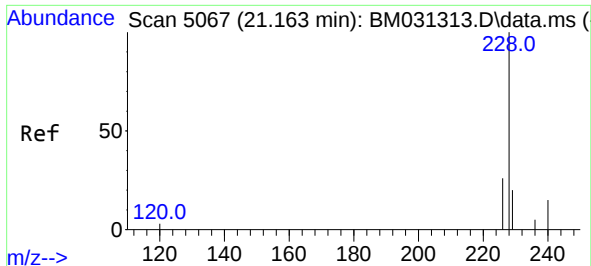
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#20
Pyrene
Concen: 0.765 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	7.8	11.6#
100	10.6	6.6	10.0#





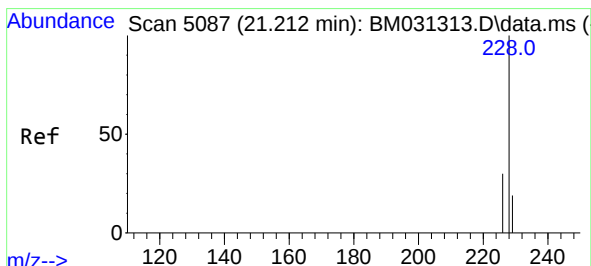
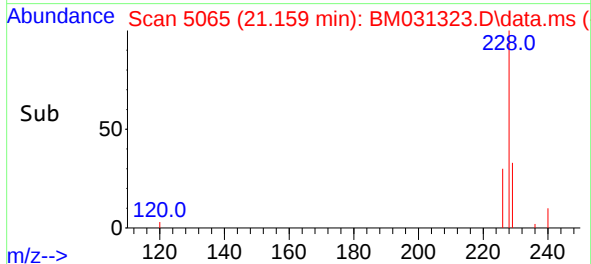
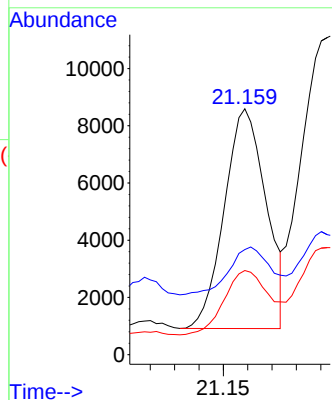
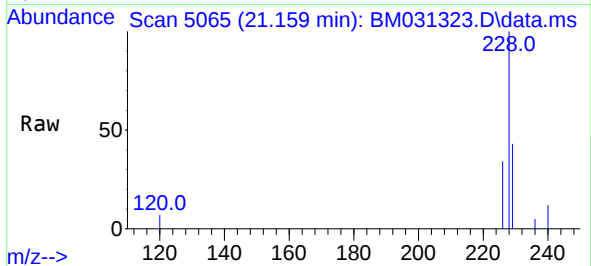
#21
Benzo(a)anthracene
Concen: 0.336 ng/uI
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031323.D
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Tgt Ion:228 Resp: 9156
Ion Ratio Lower Upper
228 100
229 42.7 15.6 23.4#
226 34.2 21.7 32.5#

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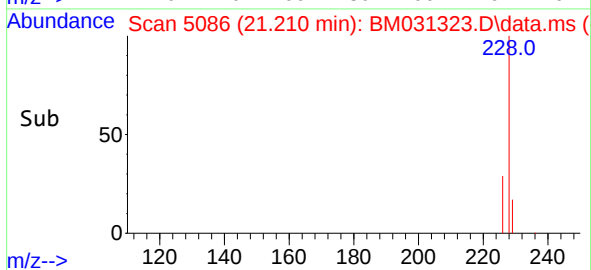
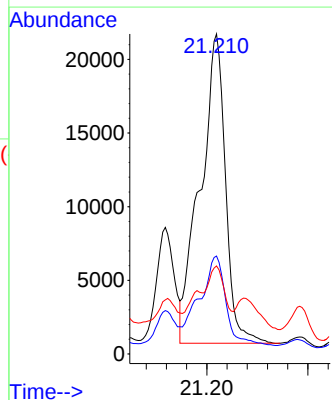
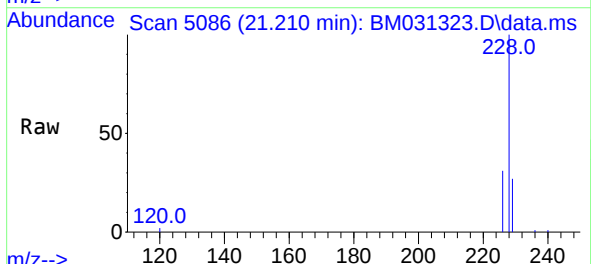
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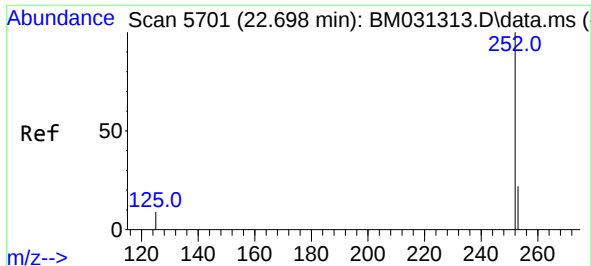
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#22
Chrysene
Concen: 1.290 ng/uI
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:228 Resp: 36376
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 27.5 16.2 24.2#





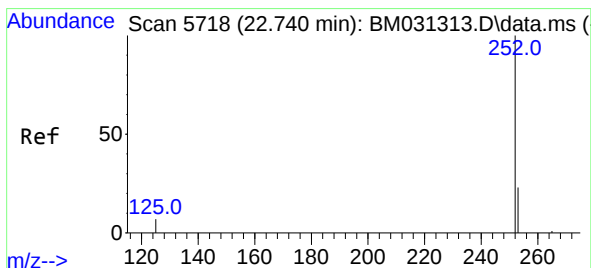
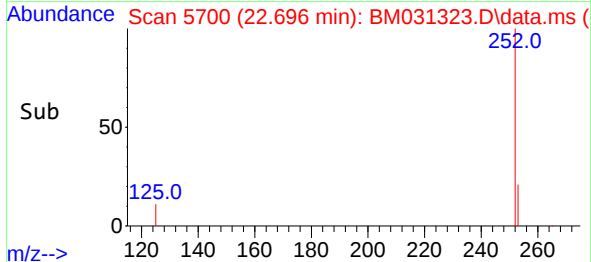
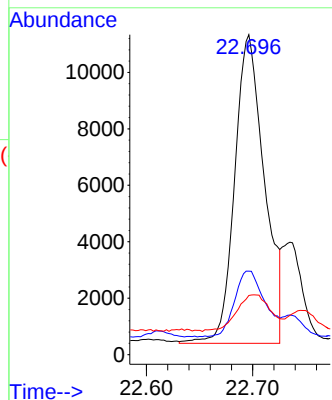
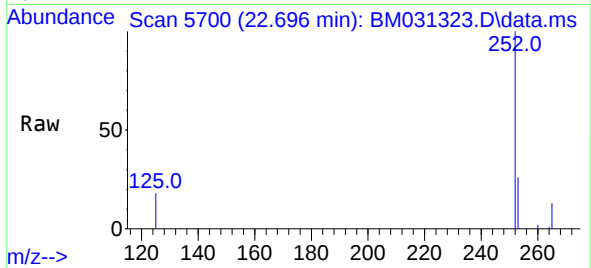
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Benzo(b)fluoranthene
Concen: 0.751 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:	252	Resp:	21250
Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	53.0
125	18.5	0.0	22.8

Instrument :
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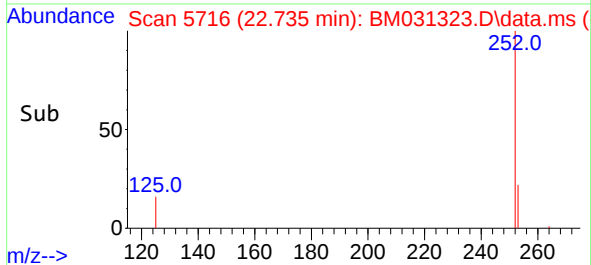
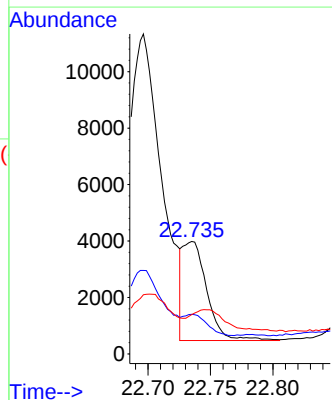
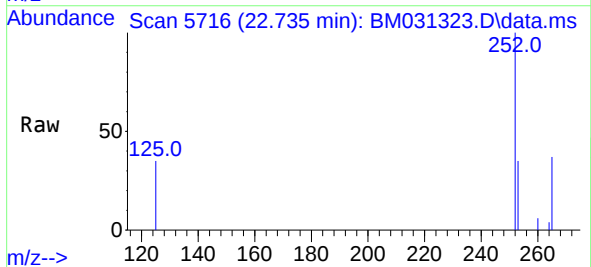
Manual Integrations
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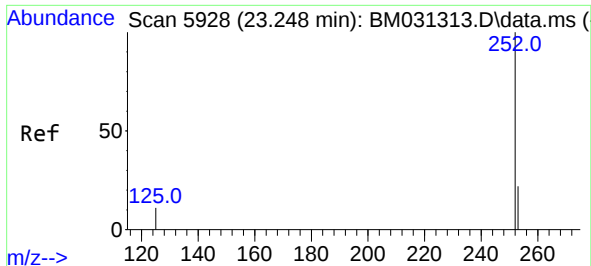
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.735 min Scan# 5716
Delta R.T. -0.005 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:	252	Resp:	4720
Ion Ratio	Lower	Upper	
252	100		
253	35.2	21.3	31.9#
125	35.0	8.8	13.2#





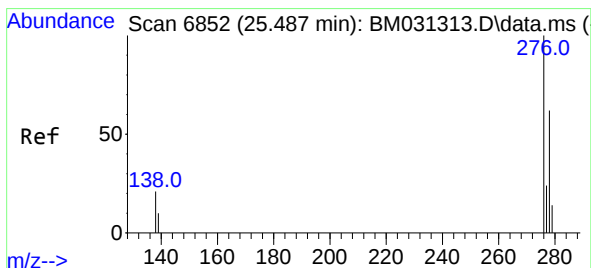
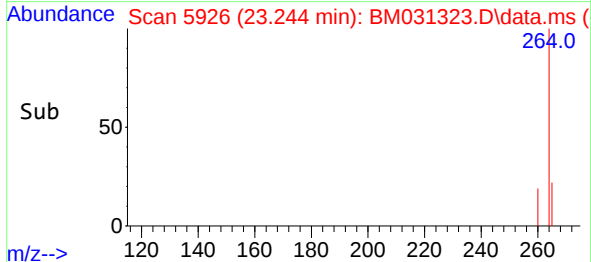
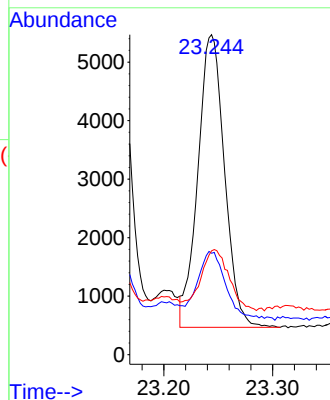
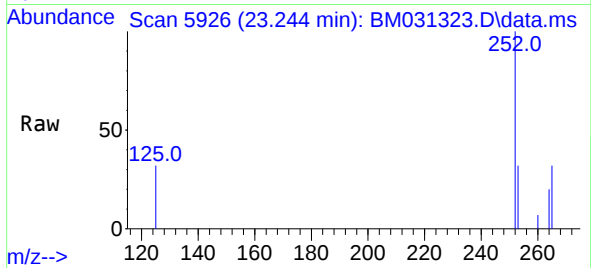
#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:	252	Resp:	8511
Ion Ratio	Lower	Upper	
252	100		
253	31.7	22.4	33.6
125	32.4	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0056

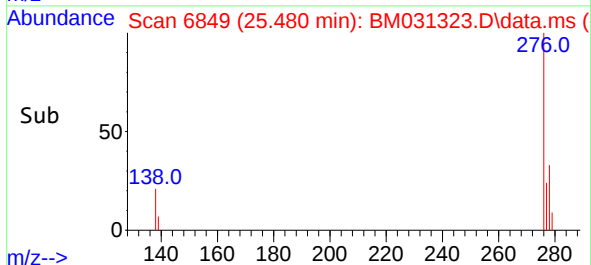
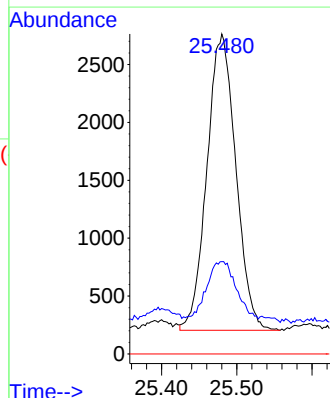
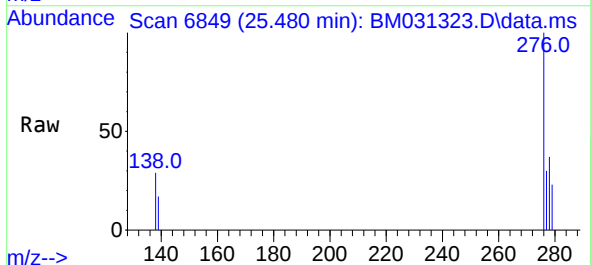
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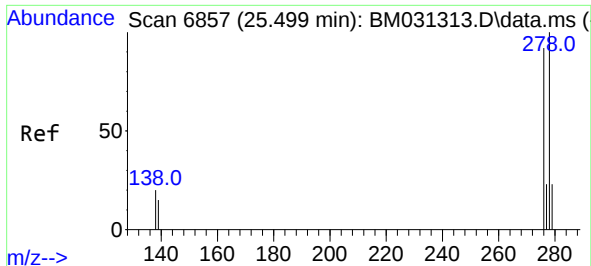
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:	276	Resp:	6833
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.8	23.8
227	0.0	0.0	0.0





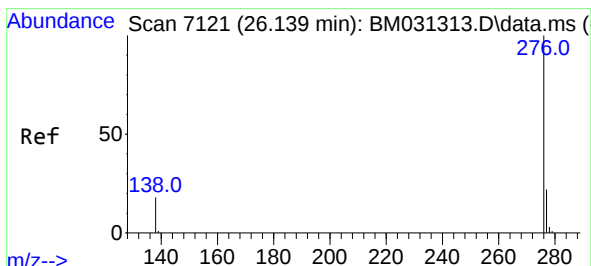
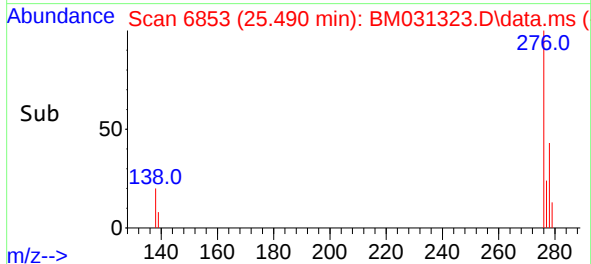
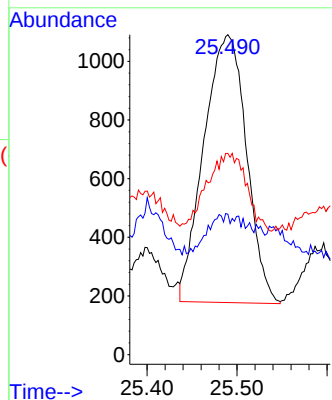
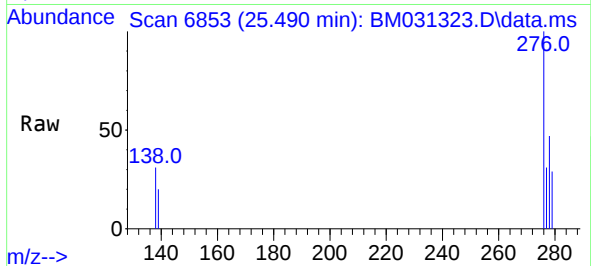
#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:278 Resp: 3006
Ion Ratio Lower Upper
278 100
139 43.9 13.3 19.9#
279 62.9 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0056

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#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031323.D
Acq: 31 Jul 2021 21:51

Tgt Ion:276 Resp: 7462
Ion Ratio Lower Upper
276 100
138 27.5 15.4 23.2#
277 28.7 19.9 29.9

