

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031640.D
 Acq On : 10 Aug 2021 14:17
 Operator : CG/JU
 Sample : M3169-12DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B1DL

Manual Integrations
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Quant Time: Aug 10 14:47:48 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 : Tue Aug 10 11:49:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1320	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4935	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2780	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5269	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4436	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4332	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	709	0.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	293	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	636	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	2158	0.147	ng/ul#	93
7) 2-Methylnaphthalene	12.011	142	1477	0.147	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	931	0.094	ng/ul	98
10) Acenaphthylene	13.932	152	3204	0.271	ng/ul	98
11) Acenaphthene	14.273	153	413	0.041	ng/ul	95
12) Fluorene	15.266	166	1113	0.097	ng/ul#	93
15) Phenanthrene	17.002	178	18886	1.129	ng/ul	98
16) Anthracene	17.096	178	4882	0.312	ng/ul	97
19) Fluoranthene	19.024	202	37984	2.005	ng/ul	96
20) Pyrene	19.390	202	32665	1.700	ng/ul	98
21) Benzo(a)anthracene	21.144	228	17073	0.953	ng/ul	95
22) Chrysene	21.195	228	17320	0.935	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	24805m	1.271	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	9031m	0.448	ng/ul	
26) Benzo(a)pyrene	23.224	252	14750	0.863	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.451	276	10988	0.497	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.453	278	2706	0.152	ng/ul#	65
29) Benzo(g,h,i)perylene	26.105	276	3880	0.206	ng/ul#	83

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

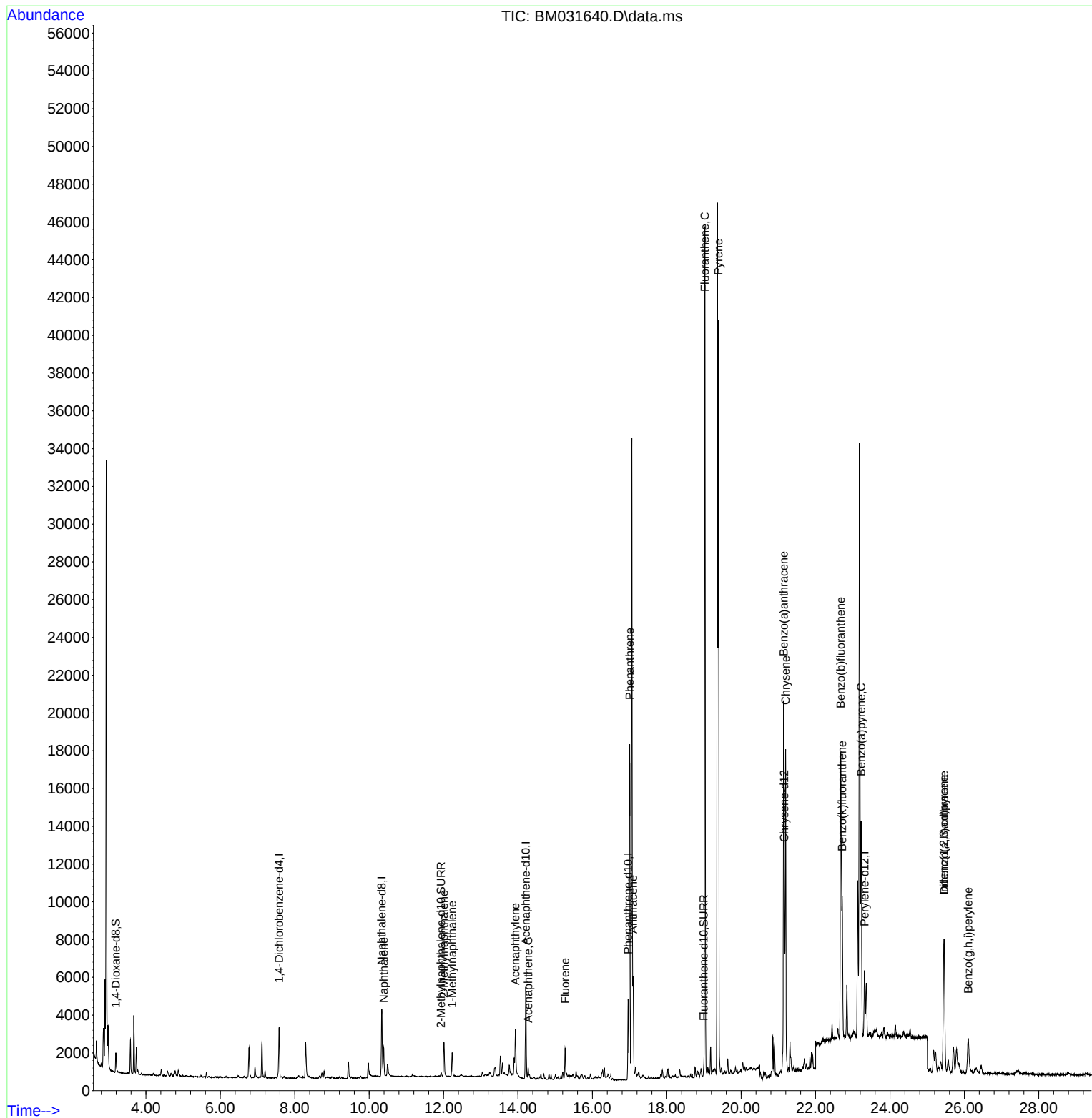
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Data File : BM031640.D
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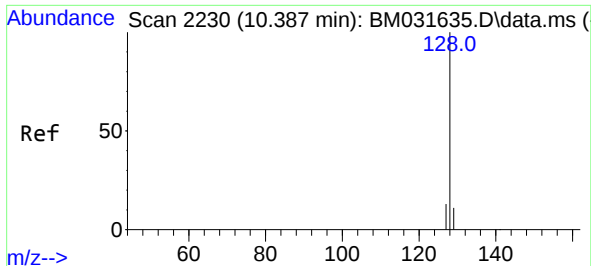
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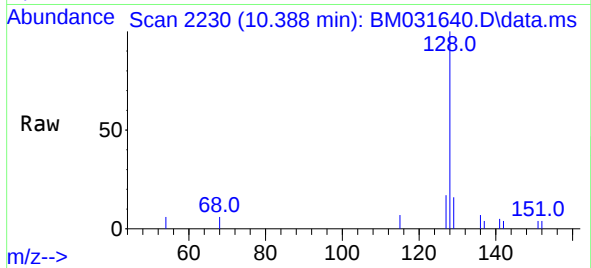
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Quant Time: Aug 10 14:47:48 2021
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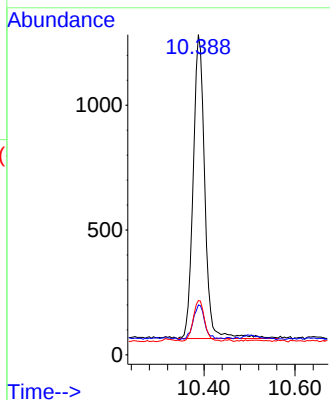
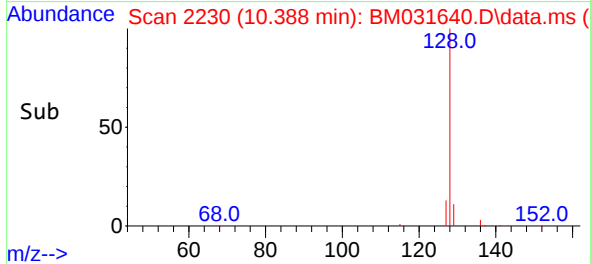




#5
Naphthalene
Concen: 0.147 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



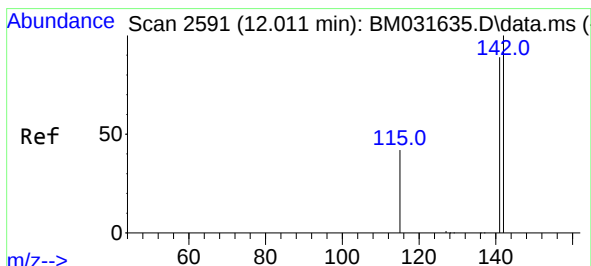
Tgt Ion:128 Resp: 2158
Ion Ratio Lower Upper
128 100
129 15.6 10.0 15.0#
127 16.9 11.6 17.4



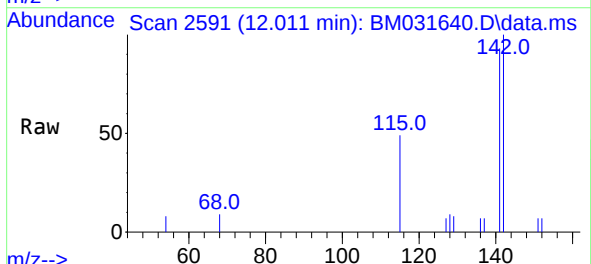
Instrument :
BNA_M
ClientSampleId :
C00B1DL

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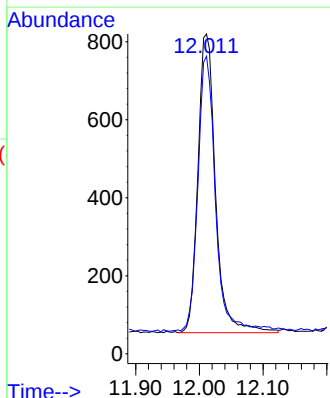
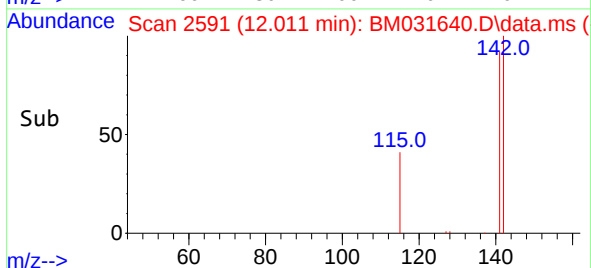
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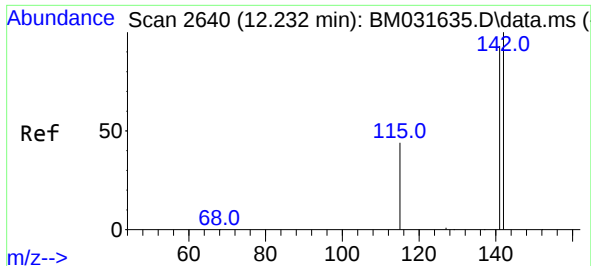


#7
2-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



Tgt Ion:142 Resp: 1477
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.0





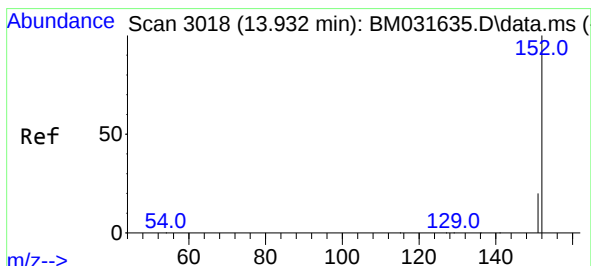
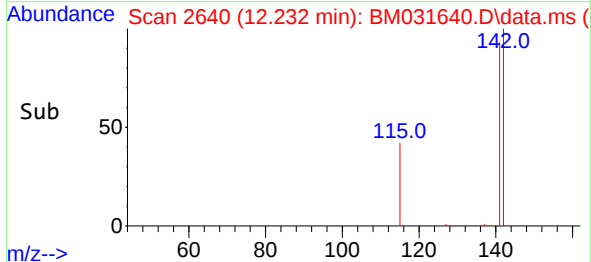
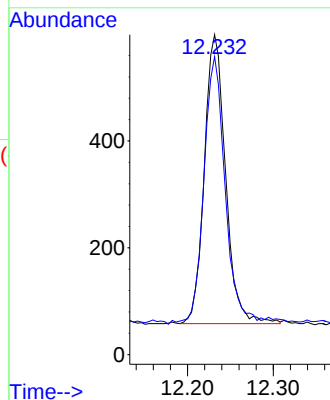
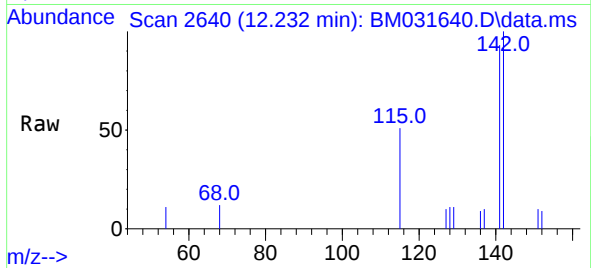
#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:142 Resp: 931
Ion Ratio Lower Upper
142 100
141 94.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00B1DL

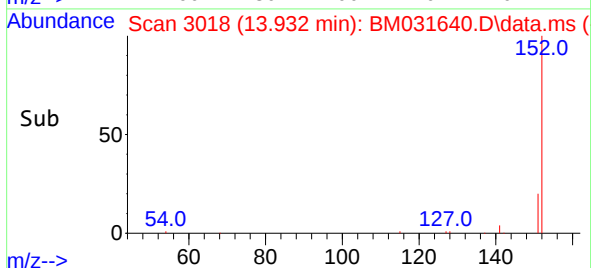
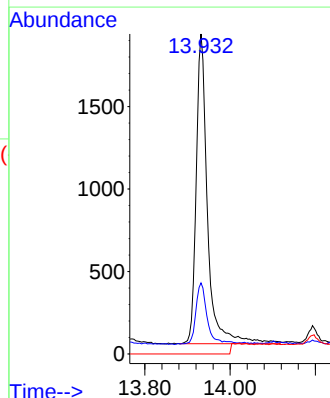
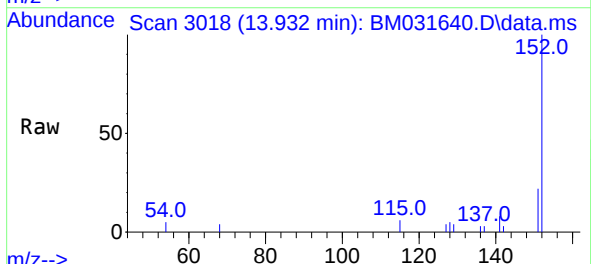
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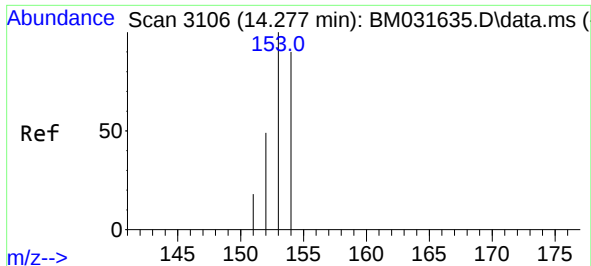
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#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:152 Resp: 3204
Ion Ratio Lower Upper
152 100
151 22.2 16.9 25.3
153 0.0 0.0 0.0





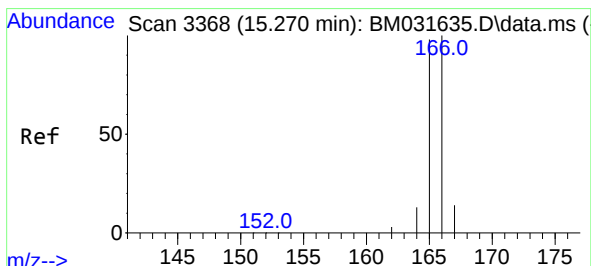
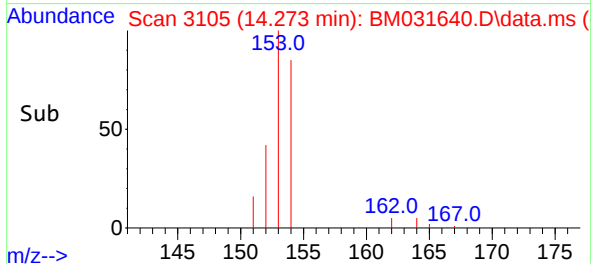
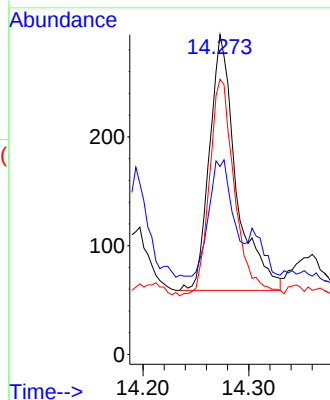
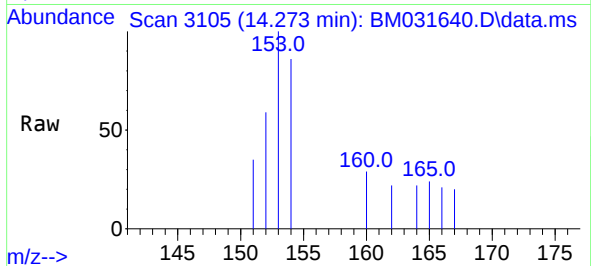
#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:	153	Resp:	413
Ion	Ratio	Lower	Upper
153	100		
152	58.8	40.7	61.1
154	86.1	70.2	105.2

Instrument :
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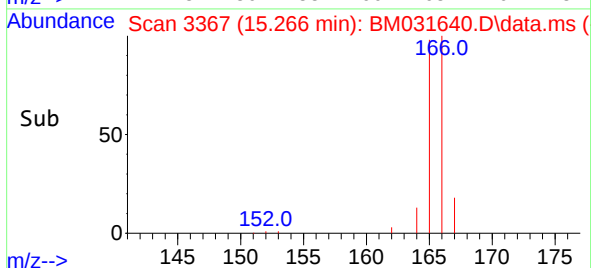
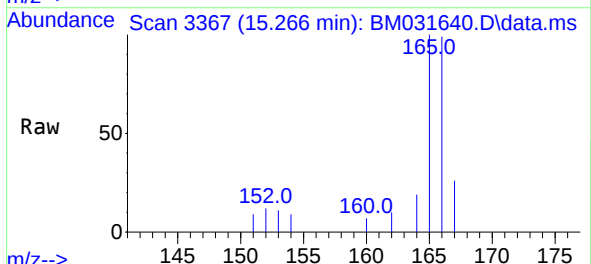
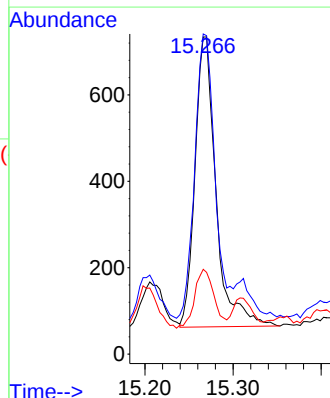
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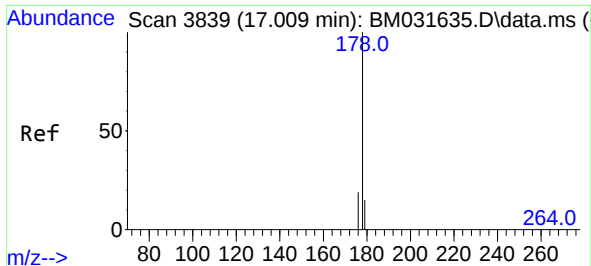
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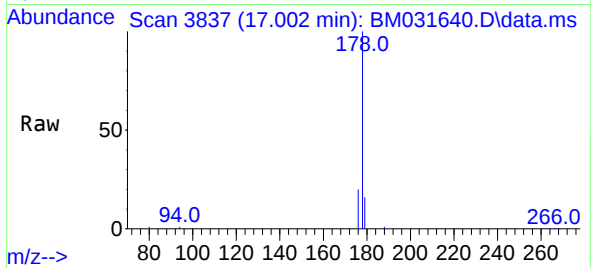
#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:	166	Resp:	1113
Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.0	117.0
167	26.7	12.0	18.0

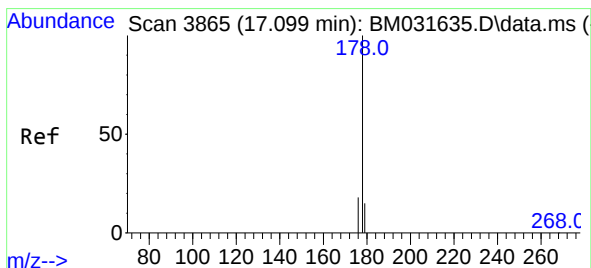
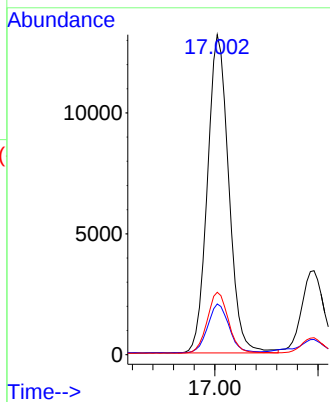
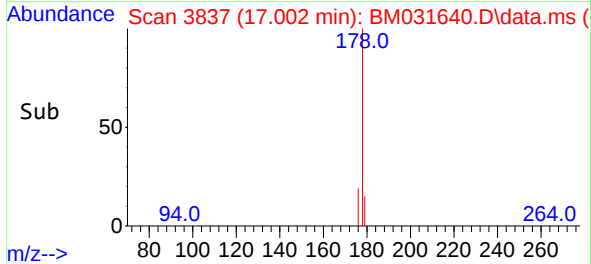




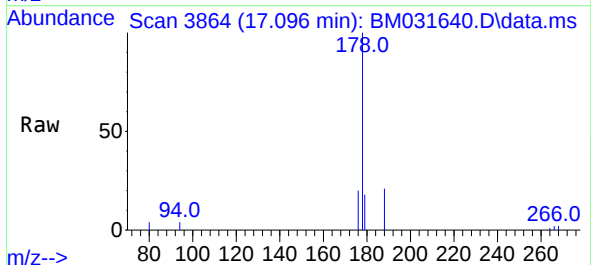
#15
Phenanthrene
Concen: 1.129 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



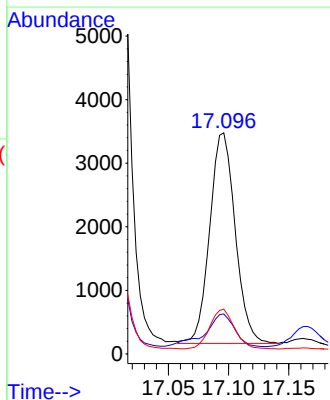
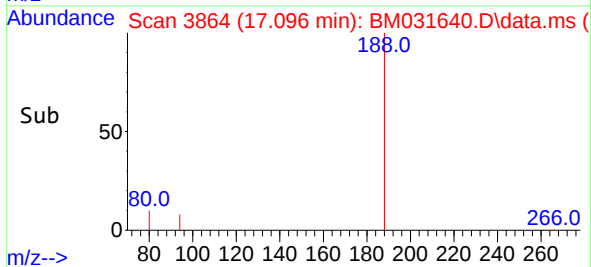
Tgt Ion:178 Resp: 18886
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.096 min Scan# 3864
Delta R.T. -0.003 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



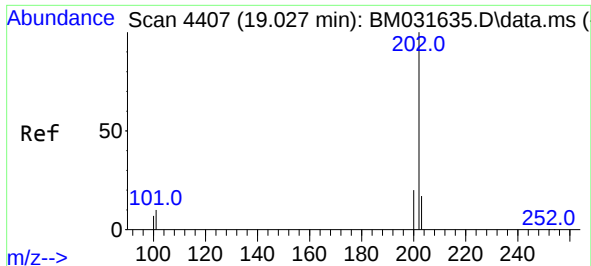
Tgt Ion:178 Resp: 4882
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.6
176 20.2 15.6 23.4



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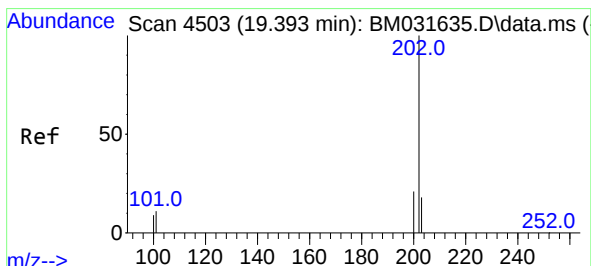
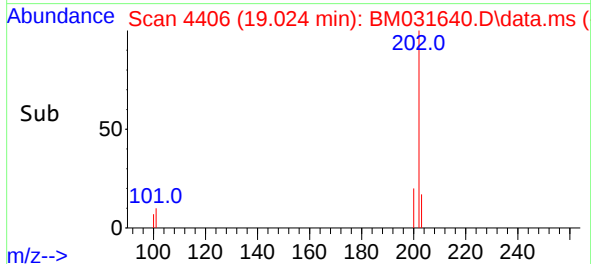
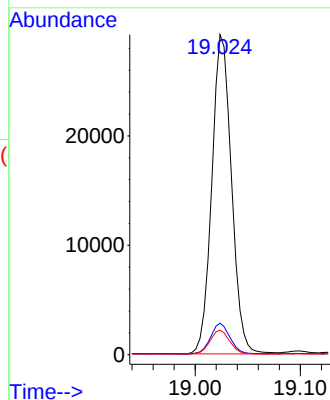
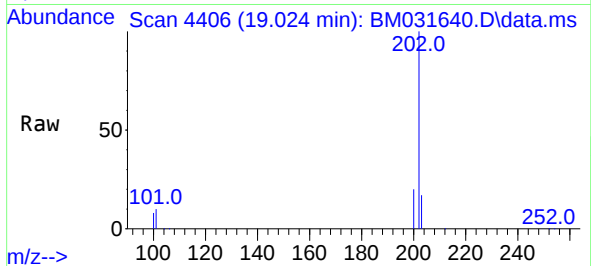
#19
Fluoranthene
Concen: 2.005 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:202	Resp:	37984
Ion Ratio	Lower	Upper
202 100		
101 9.8	6.6	10.0
100 7.7	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00B1DL

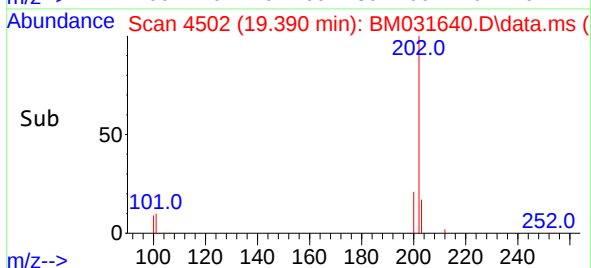
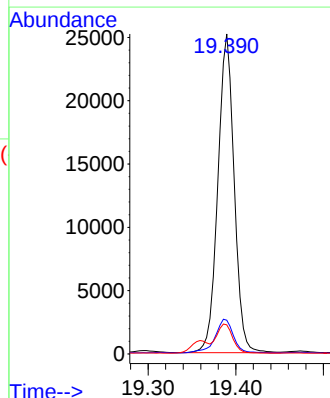
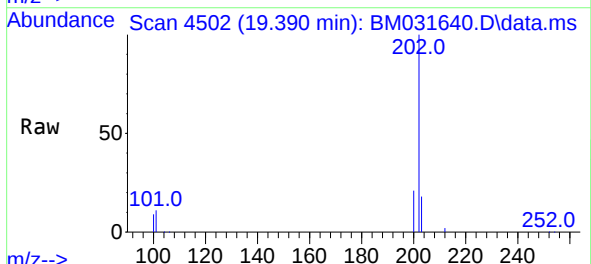
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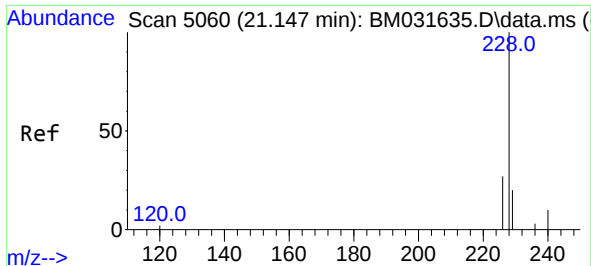
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#20
Pyrene
Concen: 1.700 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:202	Resp:	32665
Ion Ratio	Lower	Upper
202 100		
101 10.5	7.8	11.6
100 9.1	6.6	10.0





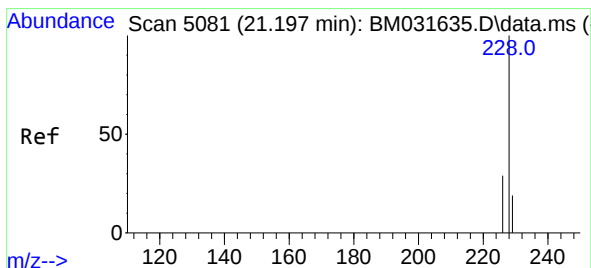
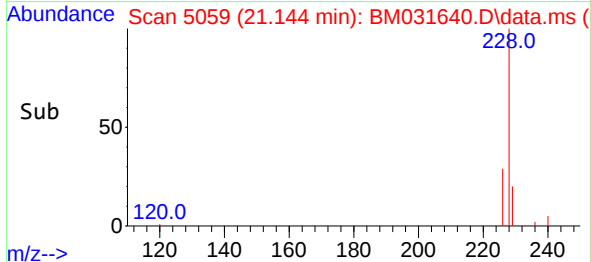
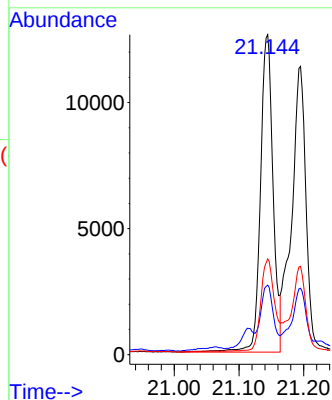
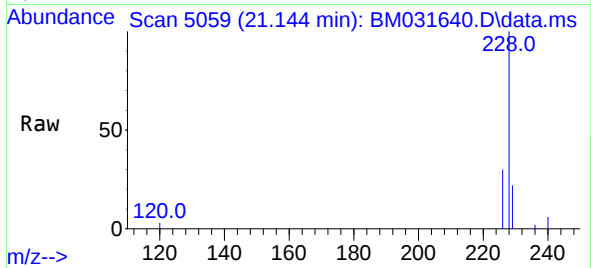
#21
Benzo(a)anthracene
Concen: 0.953 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.002 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:	228	Resp:	17073
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.6	23.4
226	30.0	21.7	32.5

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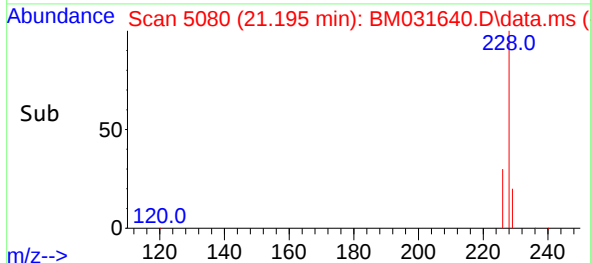
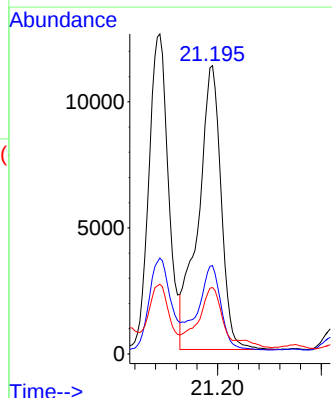
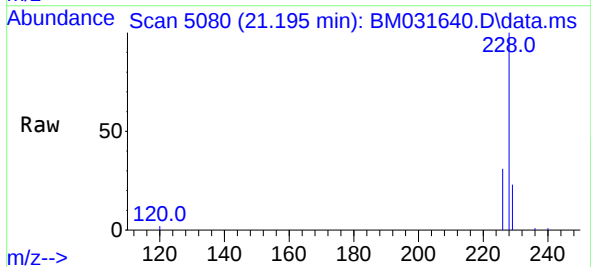
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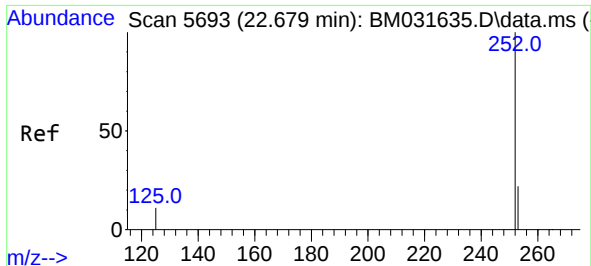
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#22
Chrysene
Concen: 0.935 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.002 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:	228	Resp:	17320
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	23.0	16.2	24.2





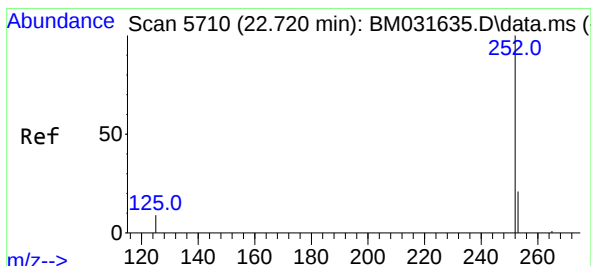
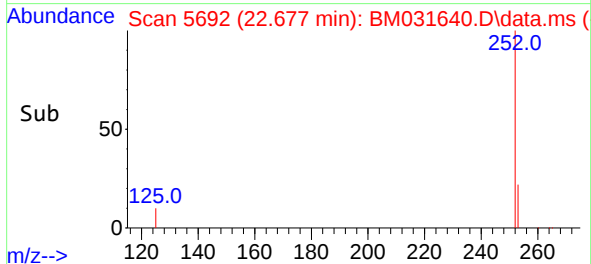
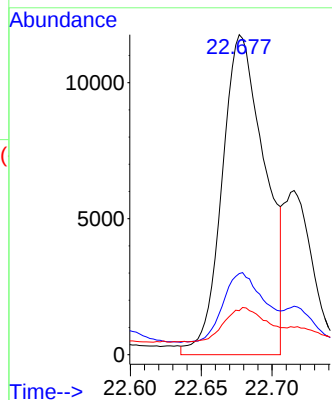
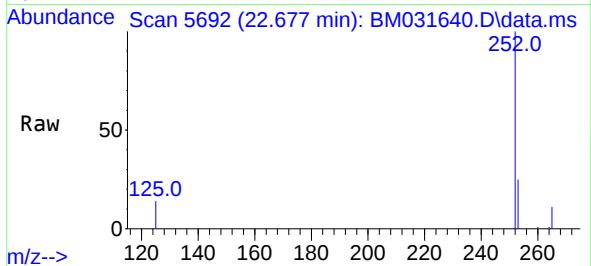
#24
Benzo(b)fluoranthene
Concen: 1.271 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.002 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:252	Resp:	24805
Ion Ratio	Lower	Upper
252	100	
253	25.4	0.0 53.0
125	13.8	0.0 22.8

Instrument :
BNA_M
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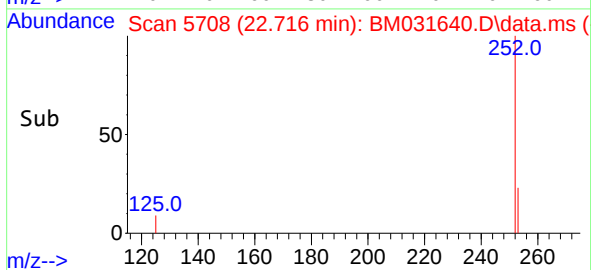
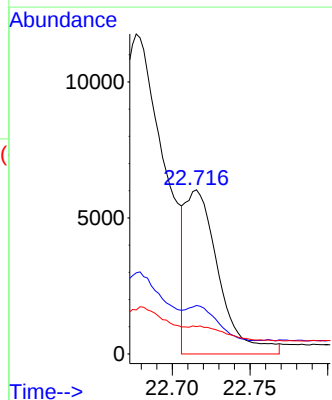
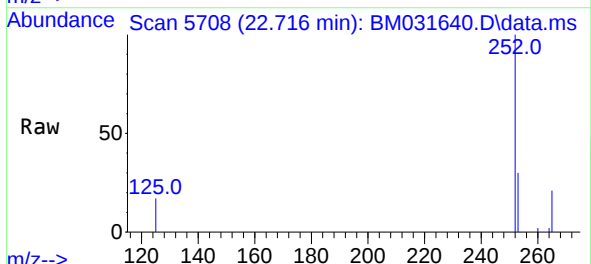
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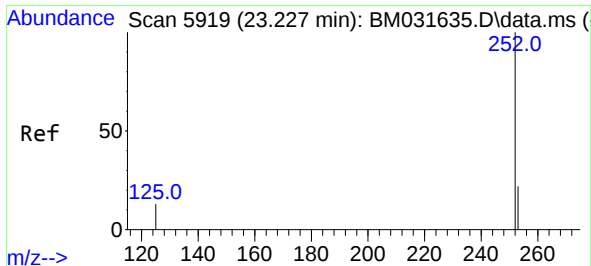
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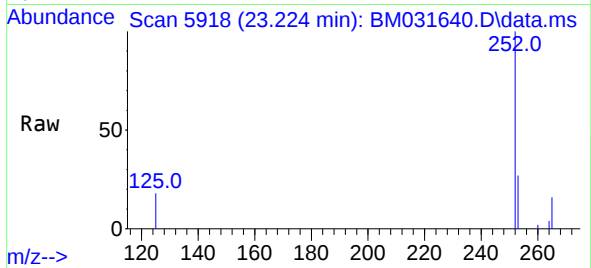
#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17

Tgt Ion:252	Resp:	9031
Ion Ratio	Lower	Upper
252	100	
253	29.5	21.3 31.9
125	16.7	8.8 13.2#

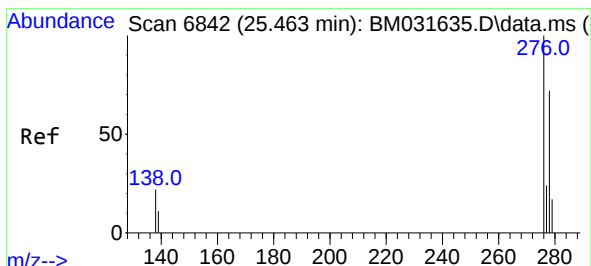
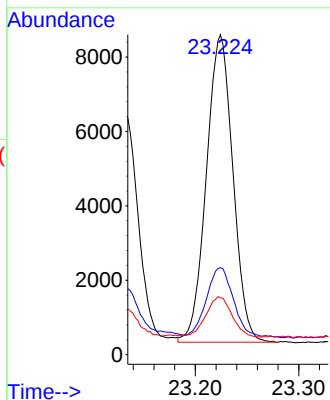
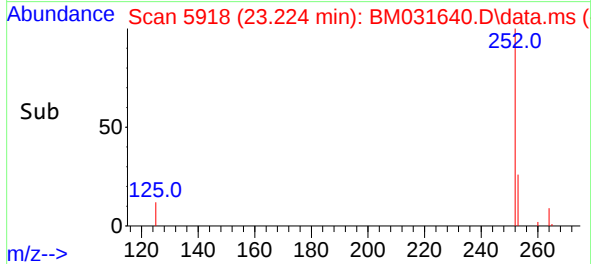




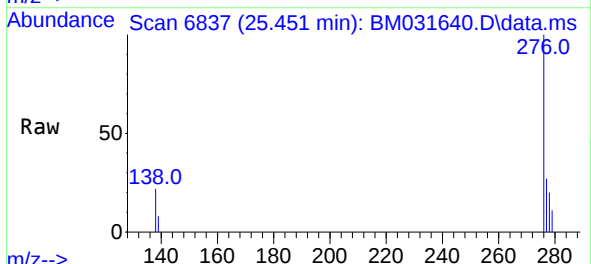
#26
Benzo(a)pyrene
Concen: 0.863 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.002 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



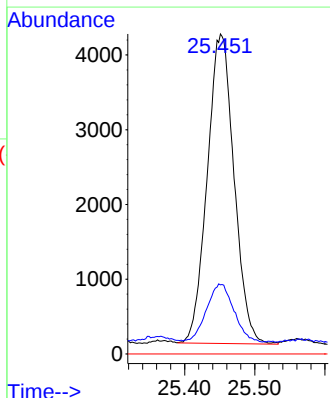
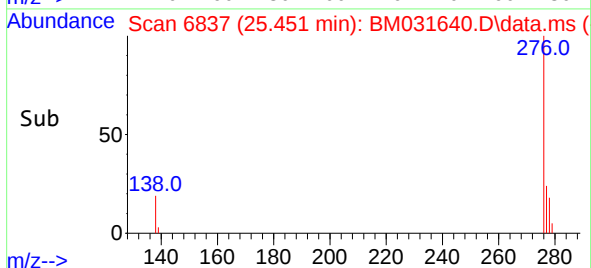
Tgt Ion:252 Resp: 14750
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 17.8 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.497 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



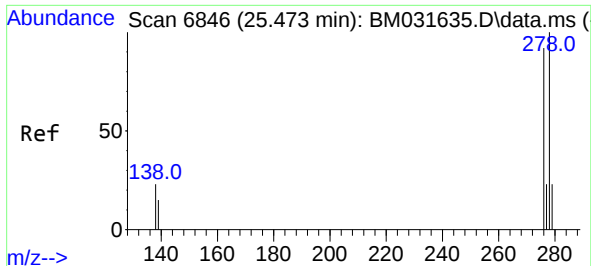
Tgt Ion:276 Resp: 10988
Ion Ratio Lower Upper
276 100
138 19.0 15.8 23.8
227 0.0 0.0 0.0



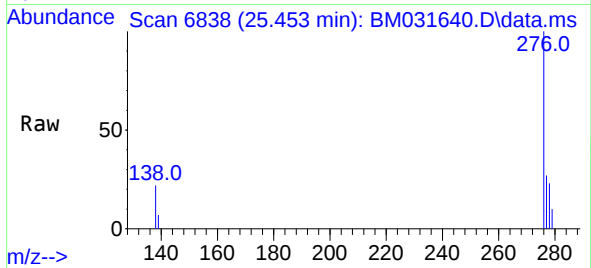
Instrument :
BNA_M
ClientSampled :
C00B1DL

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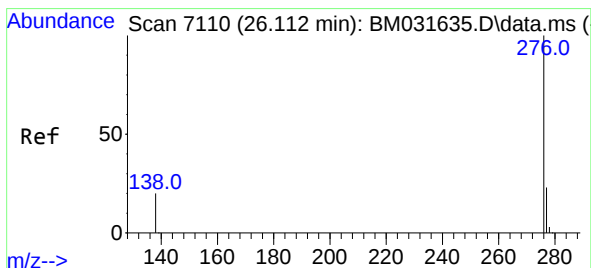
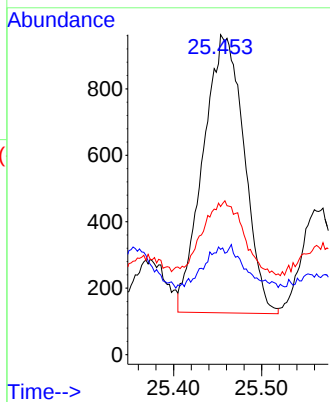
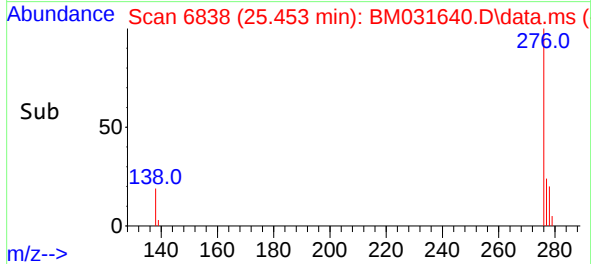
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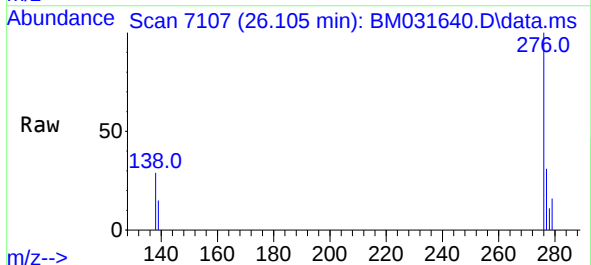
#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.019 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



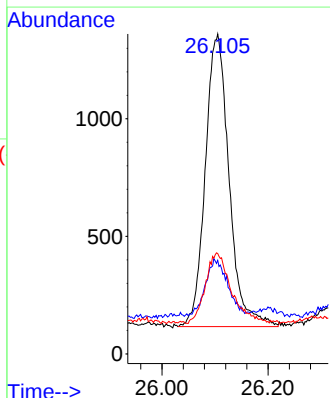
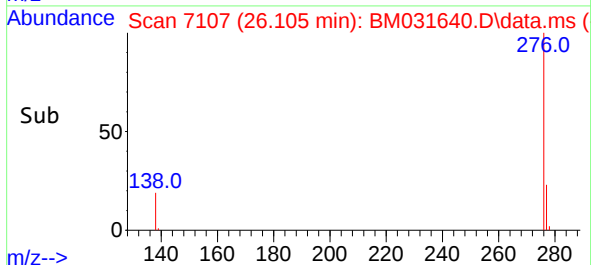
Tgt Ion: 278 Resp: 2706
Ion Ratio Lower Upper
278 100
139 32.9 13.3 19.9#
279 46.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.007 min
Lab File: BM031640.D
Acq: 10 Aug 2021 14:17



Tgt Ion: 276 Resp: 3880
Ion Ratio Lower Upper
276 100
138 29.2 15.4 23.2#
277 31.4 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
C00B1DL

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