

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031684.D
 Acq On : 12 Aug 2021 19:24
 Operator : CG/JU
 Sample : M3182-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C6

Manual Integrations
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mohammad
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Quant Time: Aug 13 01:01:33 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4030	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	2417	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4365	0.400	ng/ul #	0.00
17) Chrysene-d12	21.154	240	3730	0.400	ng/ul #	0.00
23) Perylene-d12	23.309	264	3499	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3380	2.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1440	0.212	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	2925	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	16409	1.367	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	13474	1.643	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	7275	0.898	ng/ul	99
10) Acenaphthylene	13.927	152	9815	0.953	ng/ul	99
11) Acenaphthene	14.266	153	1282	0.148	ng/ul	95
12) Fluorene	15.259	166	2742	0.275	ng/ul#	88
15) Phenanthrene	16.996	178	75596	5.454	ng/ul	97
16) Anthracene	17.086	178	13406	1.033	ng/ul	99
19) Fluoranthene	19.020	202	121652	7.638	ng/ul	97
20) Pyrene	19.386	202	100349	6.212	ng/ul	99
21) Benzo(a)anthracene	21.137	228	54635	3.627	ng/ul	95
22) Chrysene	21.190	228	62837	4.032	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	75144m	4.767	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	25811m	1.585	ng/ul	
26) Benzo(a)pyrene	23.217	252	47088	3.411	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.442	276	33713	1.889	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	8754	0.609	ng/ul#	87
29) Benzo(g,h,i)perylene	26.096	276	8398	0.552	ng/ul#	92

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

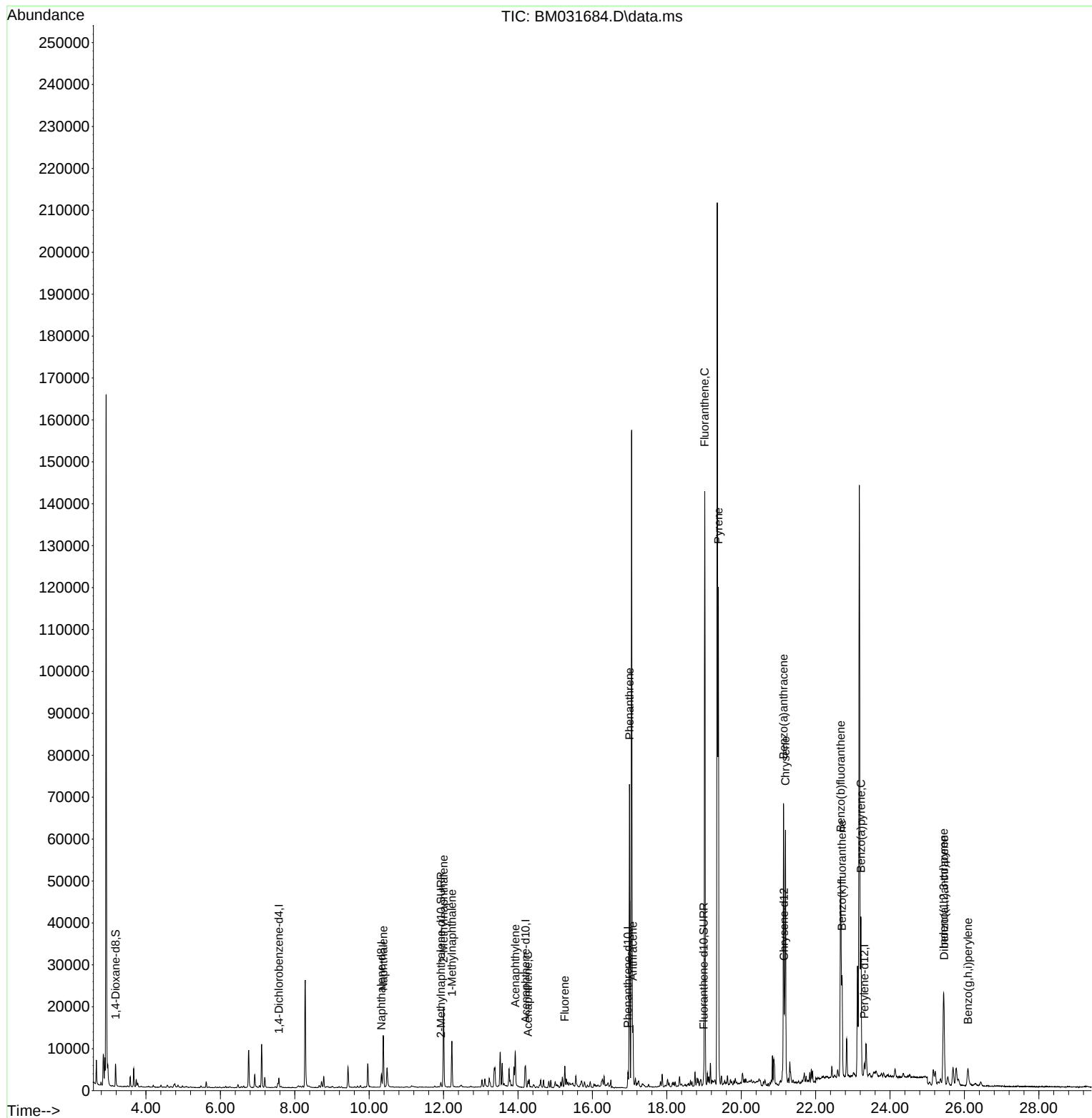
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Data File : BM031684.D
Acq On : 12 Aug 2021 19:24
Operator : CG/JU
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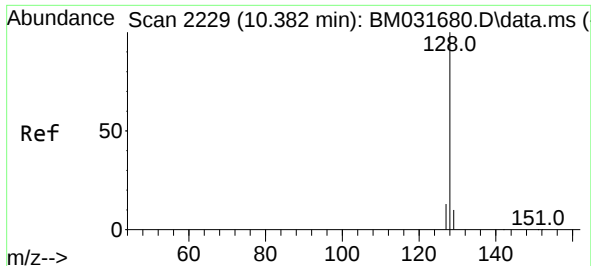
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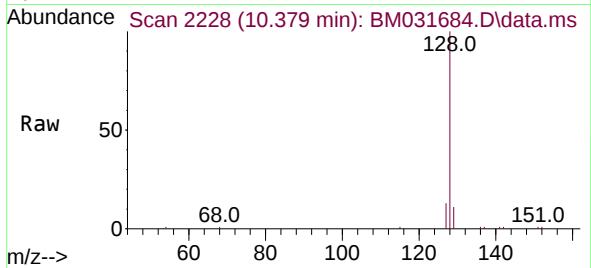
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Quant Time: Aug 13 01:01:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

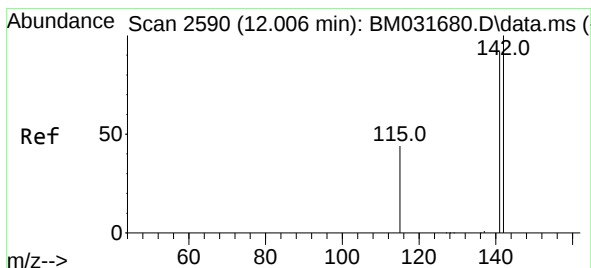
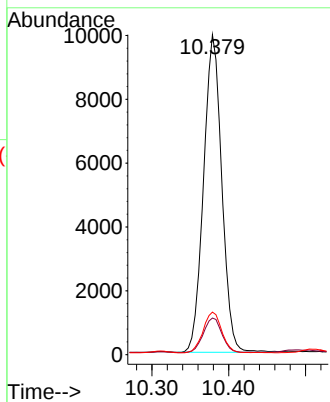
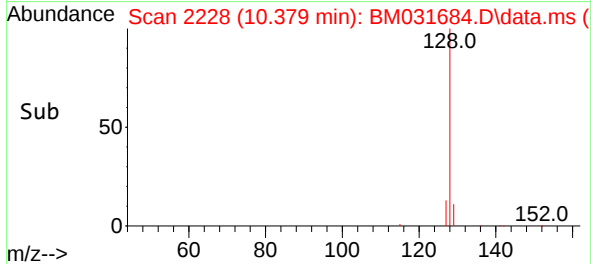




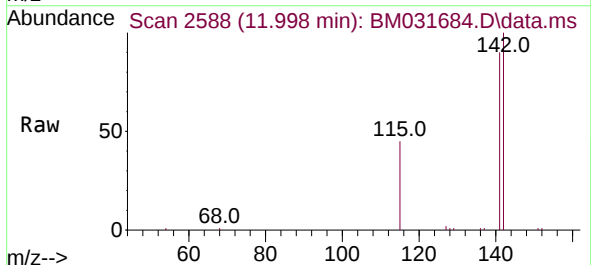
#5
Naphthalene
Concen: 1.367 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



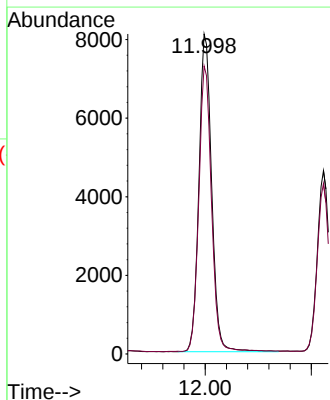
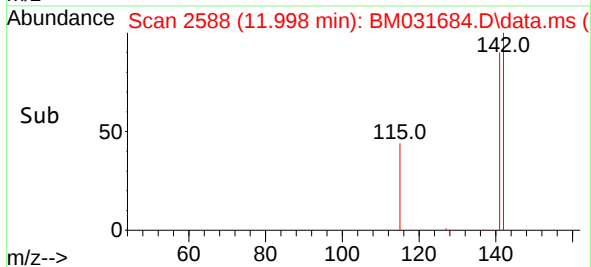
Tgt Ion:128 Resp: 16409
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.3 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.643 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



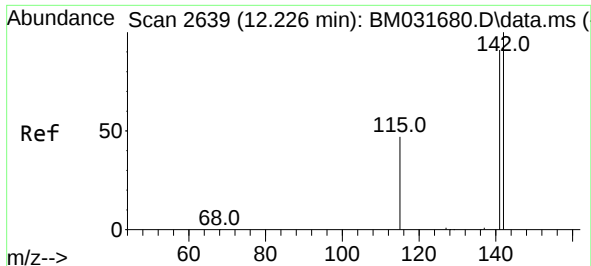
Tgt Ion:142 Resp: 13474
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0



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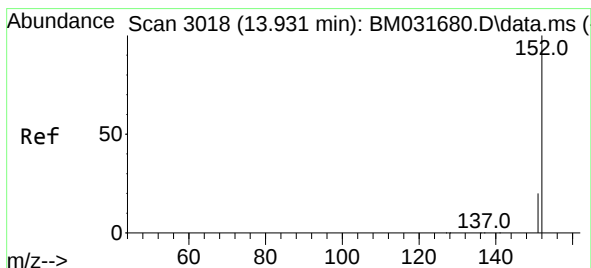
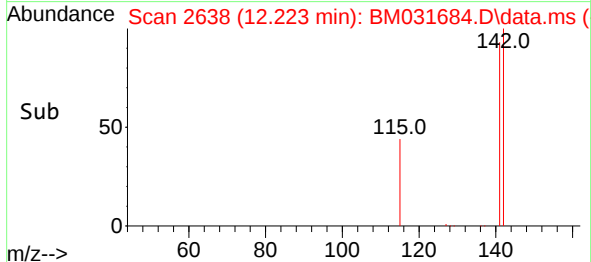
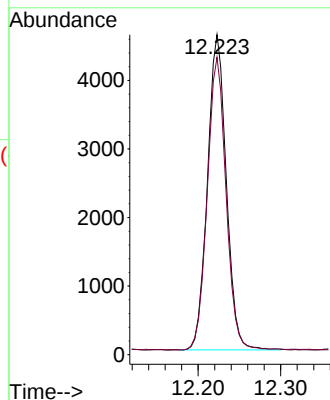
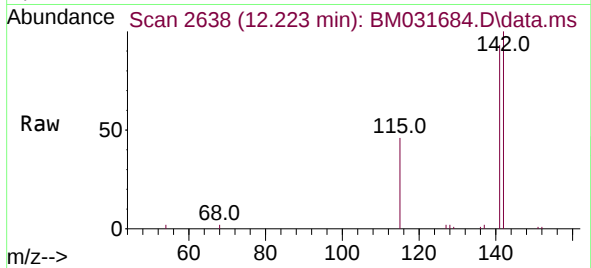
#8
1-Methylnaphthalene
Concen: 0.898 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

Tgt Ion:142 Resp: 7275
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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ClientSampleId :
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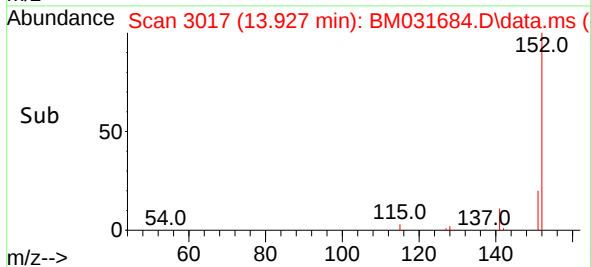
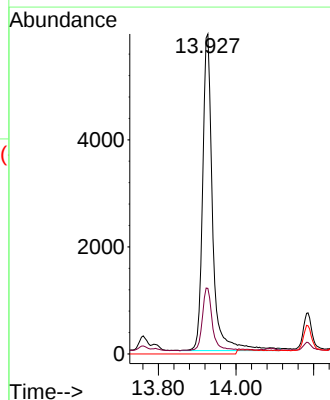
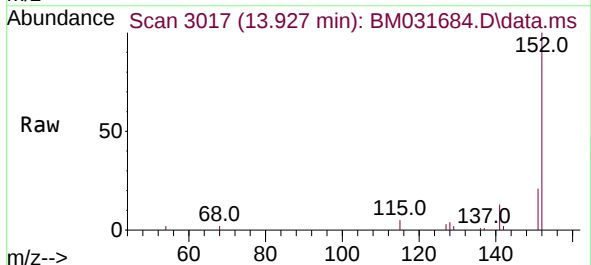
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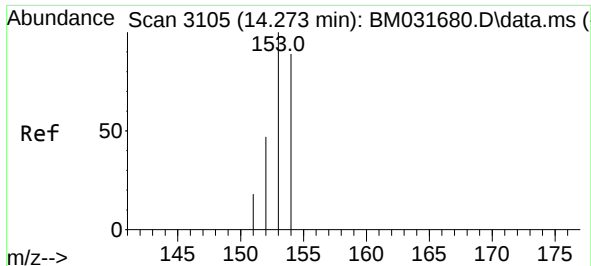
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#10
Acenaphthylene
Concen: 0.953 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

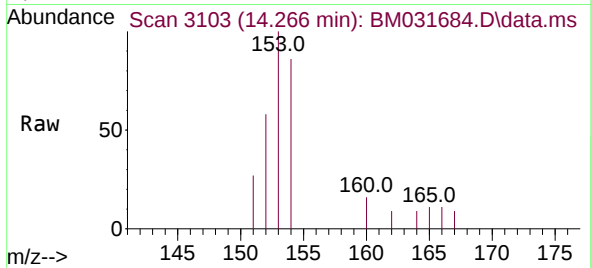
Tgt Ion:152 Resp: 9815
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.148 ng/ul
RT: 14.266 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

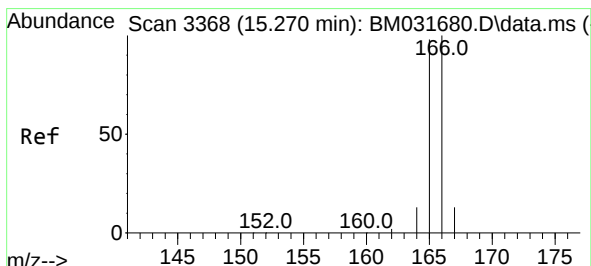
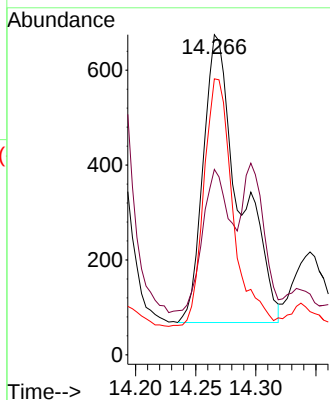
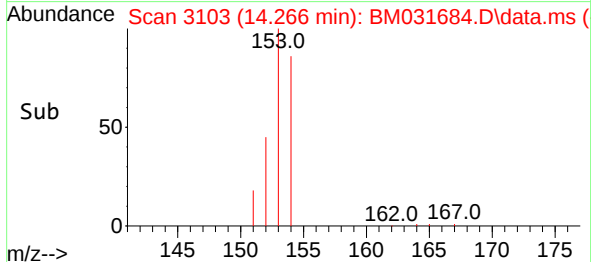
Instrument :
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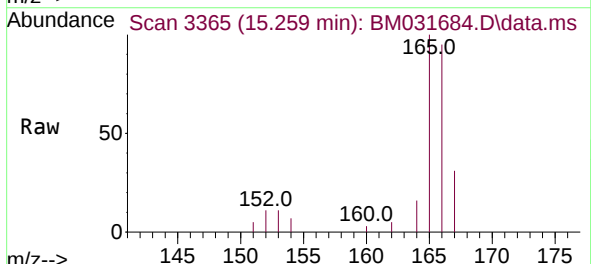
Tgt Ion:153 Resp: 1282
Ion Ratio Lower Upper
153 100
152 57.9 40.7 61.1
154 86.2 70.2 105.2

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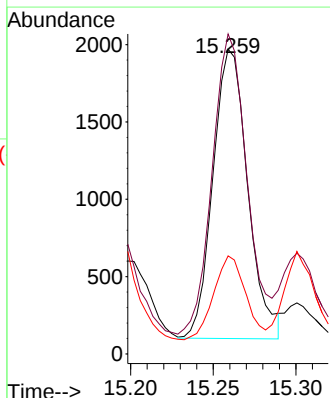
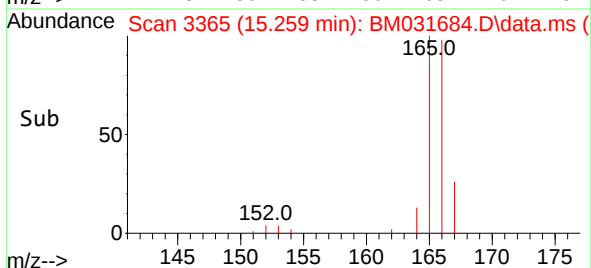
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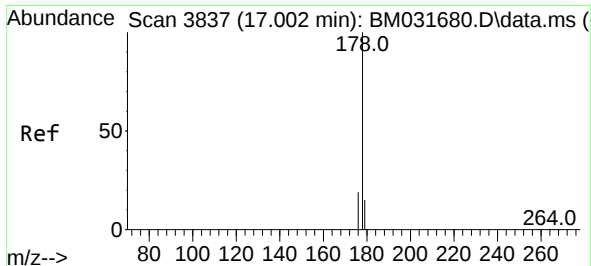


#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



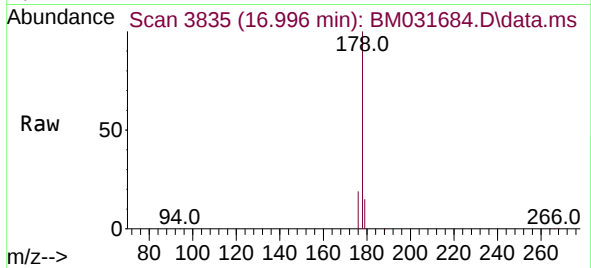
Tgt Ion:166 Resp: 2742
Ion Ratio Lower Upper
166 100
165 105.0 78.0 117.0
167 32.2 12.0 18.0#





#15
Phenanthrene
Concen: 5.454 ng/u1
RT: 16.996 min Scan# 3835
Delta R.T. -0.006 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

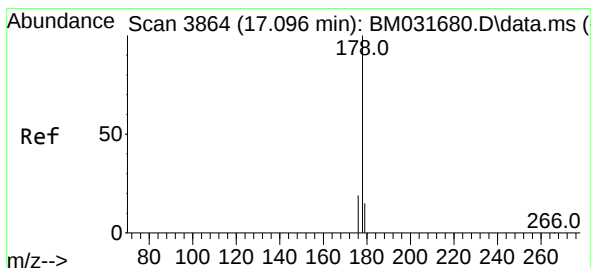
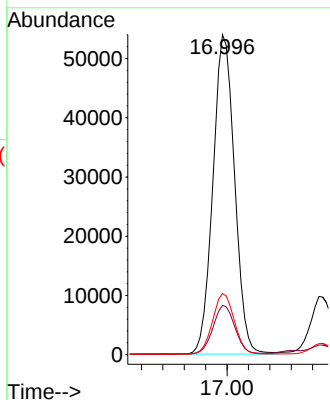
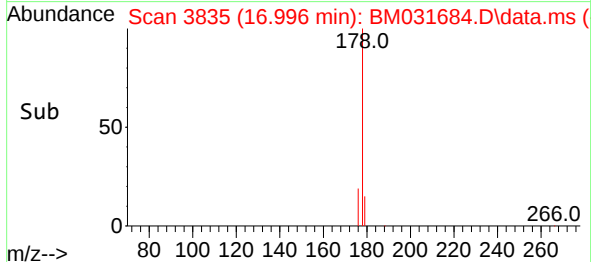
Instrument :
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ClientSampled :
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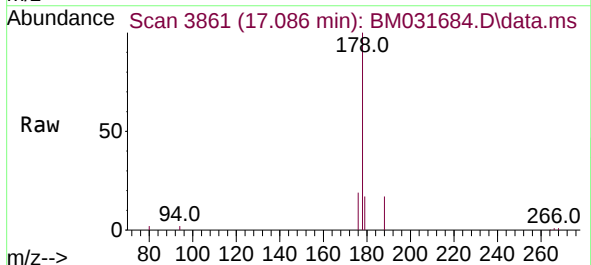
Tgt Ion:178 Resp: 75596
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4

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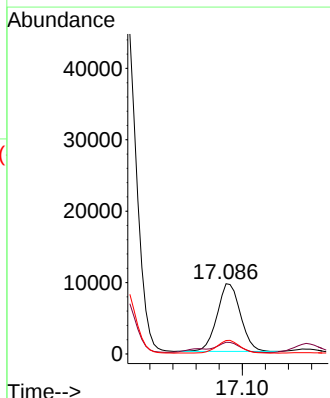
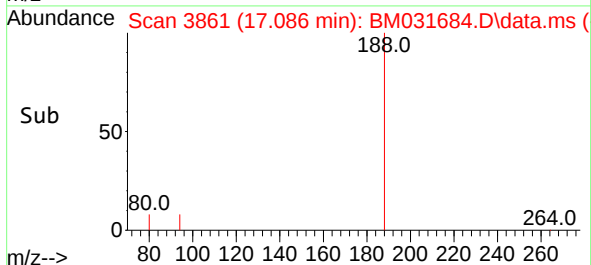
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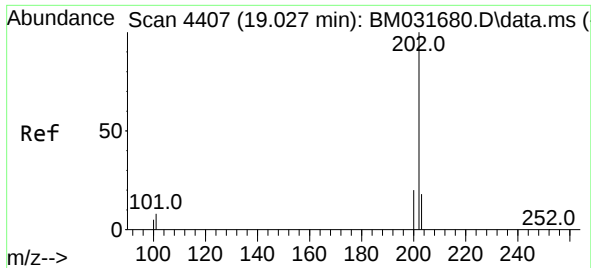


#16
Anthracene
Concen: 1.033 ng/u1
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



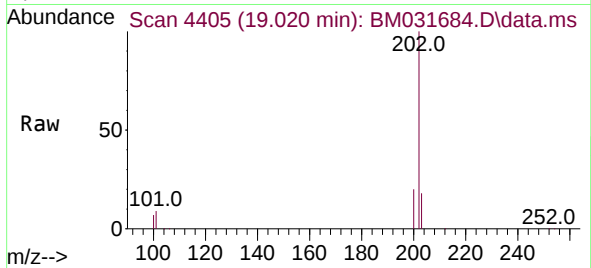
Tgt Ion:178 Resp: 13406
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.1 15.6 23.4





#19
Fluoranthene
Concen: 7.638 ng/uI
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

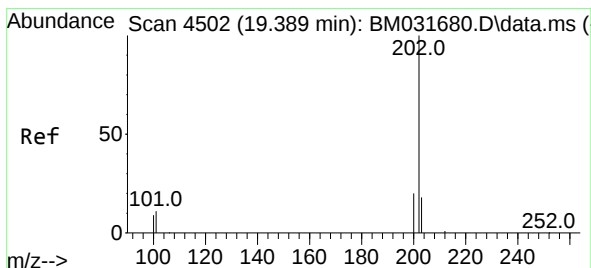
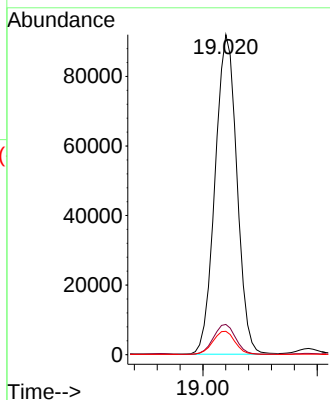
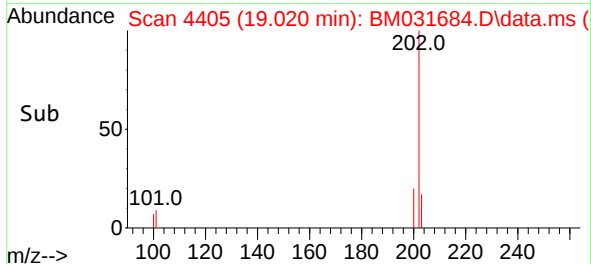
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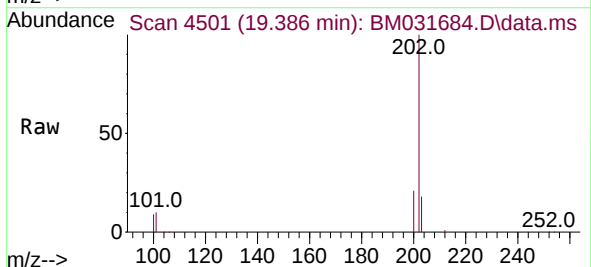
Tgt Ion:202 Resp: 121652
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.3 5.4 8.0

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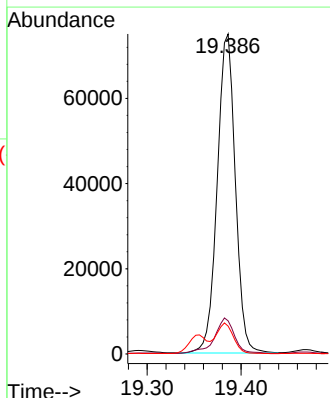
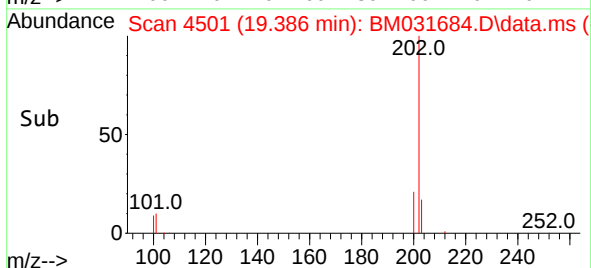
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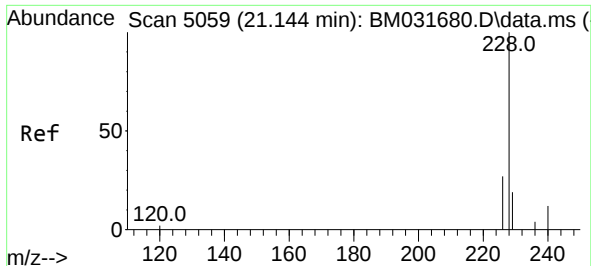


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Pyrene
Concen: 6.212 ng/uI
RT: 19.386 min Scan# 4501
Delta R.T. -0.003 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



Tgt Ion:202 Resp: 100349
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.6
100 8.7 6.6 10.0





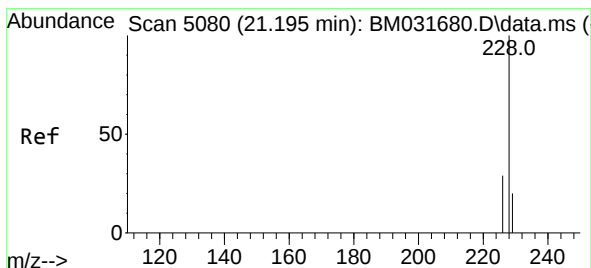
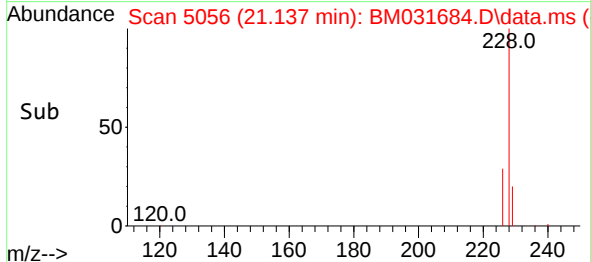
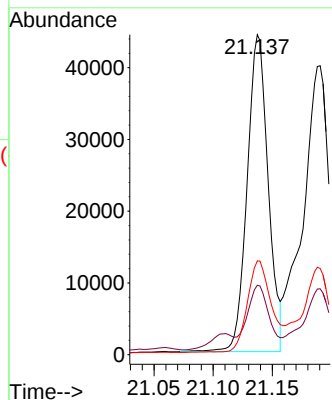
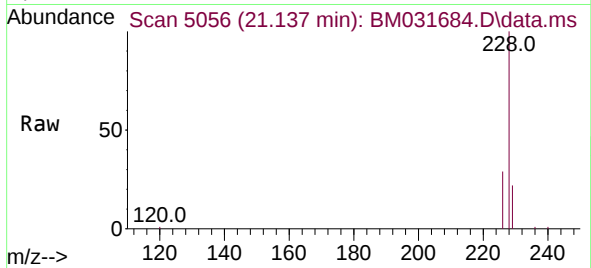
#21
Benzo(a)anthracene
Concen: 3.627 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

Tgt Ion:228	Resp:	54635
Ion Ratio	Lower	Upper
228	100	
229	21.7	15.6 23.4
226	29.3	21.7 32.5

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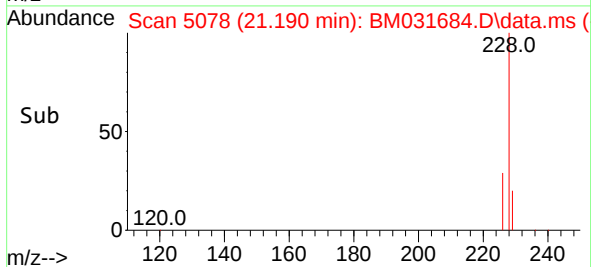
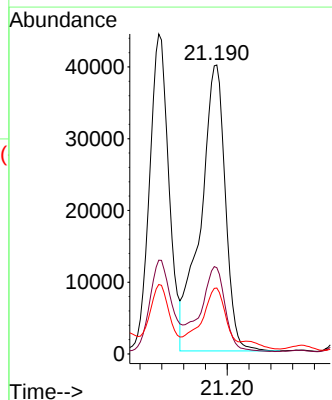
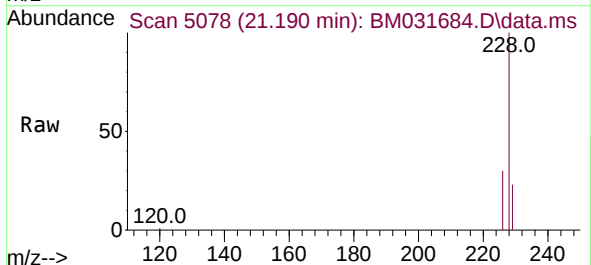
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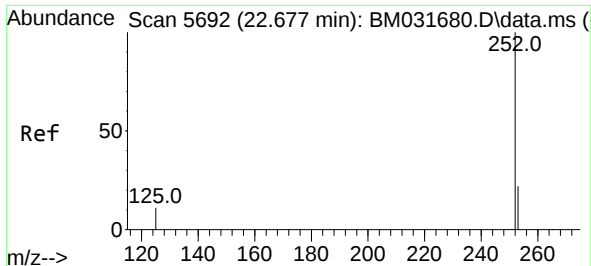
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#22
Chrysene
Concen: 4.032 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.004 min
Lab File: BM031684.D
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Tgt Ion:228	Resp:	62837
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.7 37.1
229	22.8	16.2 24.2





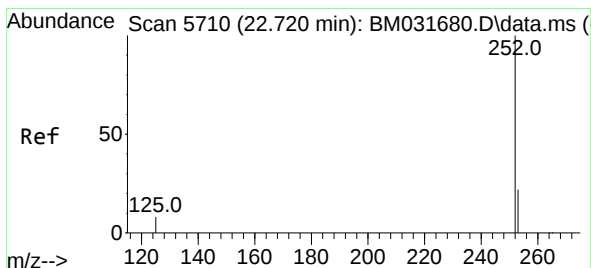
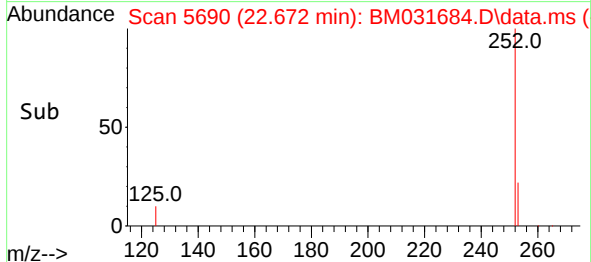
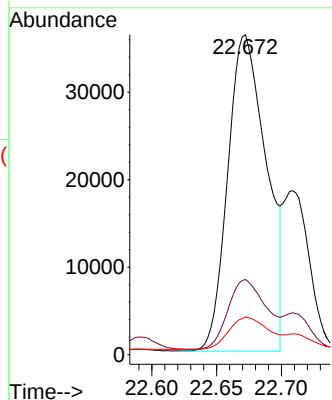
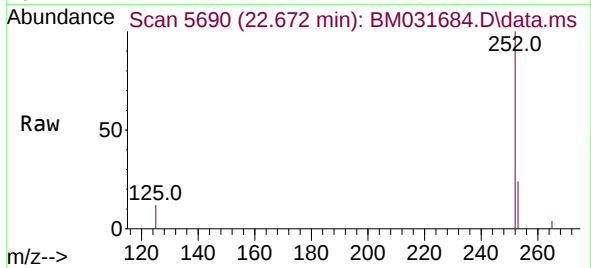
#24
Benzo(b)fluoranthene
Concen: 4.767 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.004 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

Tgt Ion:252	Resp:	75144
Ion Ratio	Lower	Upper
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253	23.5	0.0 53.0
125	11.8	0.0 22.8

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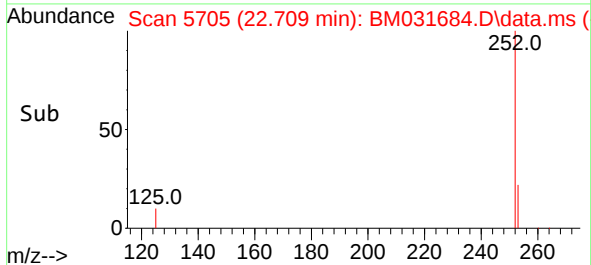
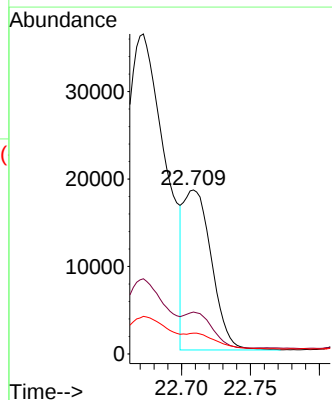
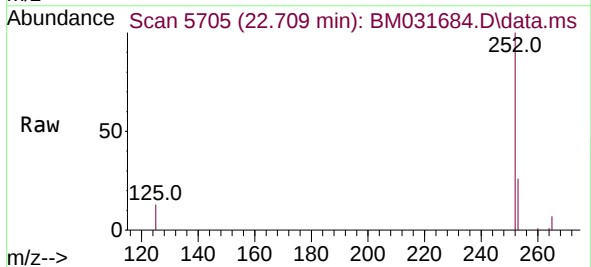
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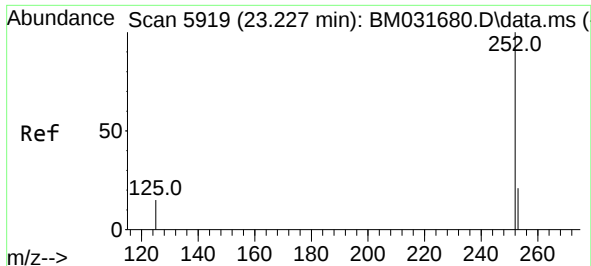
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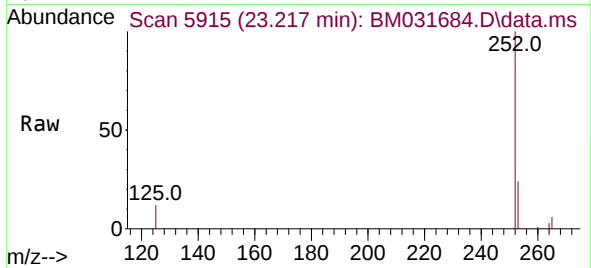
#25
Benzo(k)fluoranthene
Concen: 1.585 ng/ul m
RT: 22.709 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24

Tgt Ion:252	Resp:	25811
Ion Ratio	Lower	Upper
252	100	
253	25.5	21.3 31.9
125	12.7	8.8 13.2

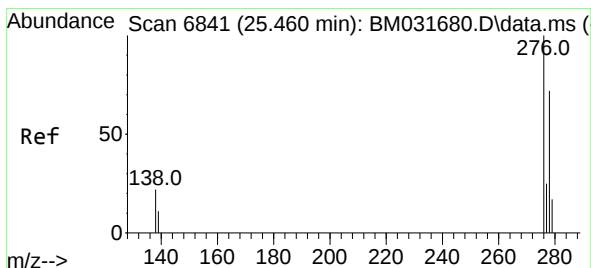
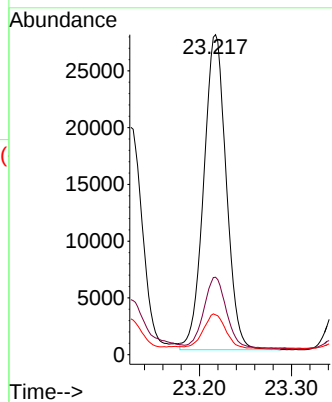
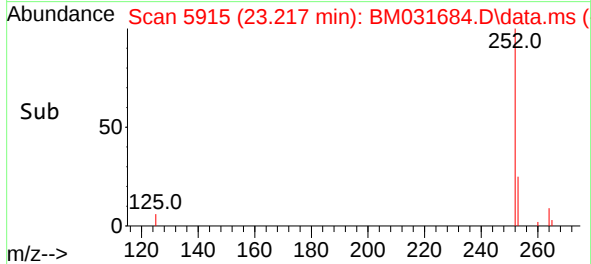




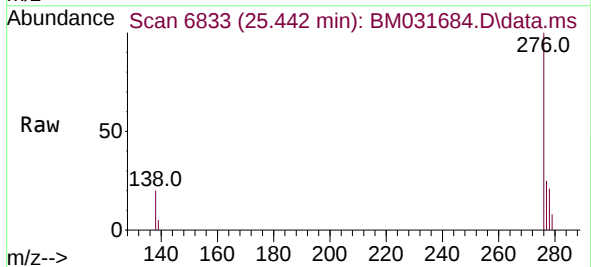
#26
Benzo(a)pyrene
Concen: 3.411 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.009 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



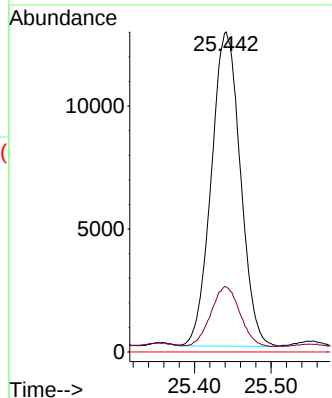
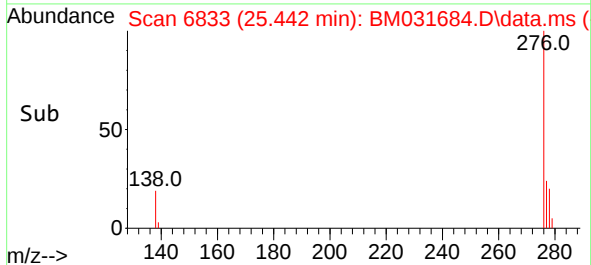
Tgt Ion:252 Resp: 47088
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 12.5 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.889 ng/ul
RT: 25.442 min Scan# 6833
Delta R.T. -0.019 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



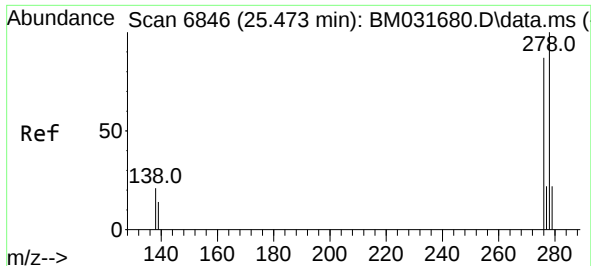
Tgt Ion:276 Resp: 33713
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



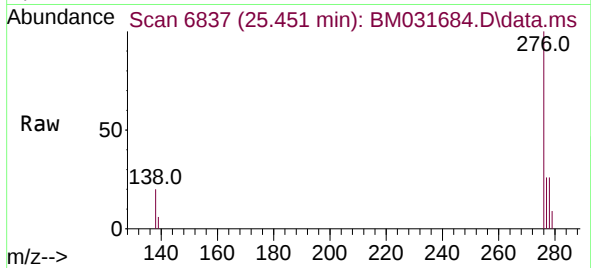
Instrument :
BNA_M
ClientSampled :
C00C6

Manual Integrations
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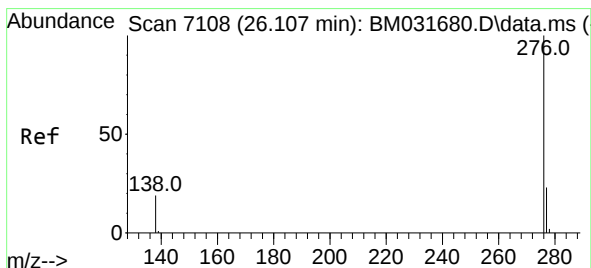
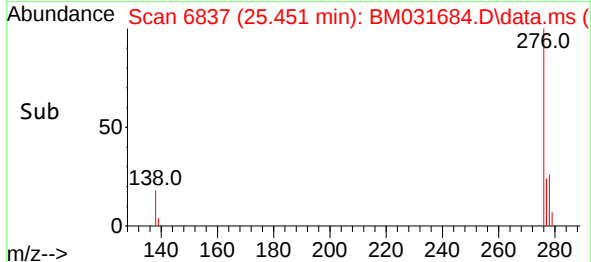
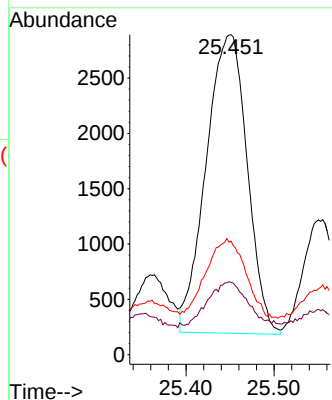
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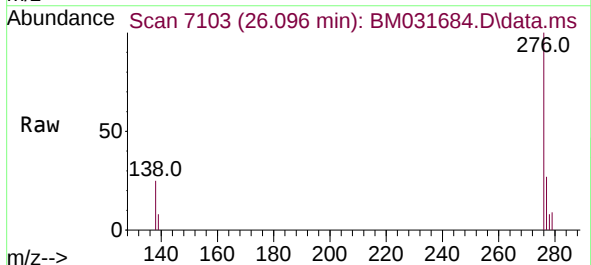
#28
Dibenzo(a,h)anthracene
Concen: 0.609 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.021 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



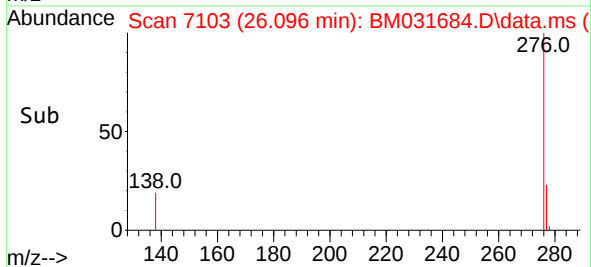
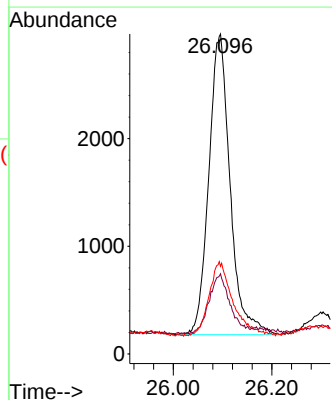
Tgt Ion:278 Resp: 8754
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9#
279 35.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.552 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.012 min
Lab File: BM031684.D
Acq: 12 Aug 2021 19:24



Tgt Ion:276 Resp: 8398
Ion Ratio Lower Upper
276 100
138 25.0 15.4 23.2#
277 27.4 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00C6

Manual Integrations
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