

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031650.D
 Acq On : 10 Aug 2021 20:31
 Operator : CG/JU
 Sample : M3169-05DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A4DL

Manual Integrations
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Quant Time: Aug 11 05:58:21 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 18:36:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5591	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	3146	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5940	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4655	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4802	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1413	0.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	484	0.051	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1043	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	6987	0.420	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	3958	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	2452	0.218	ng/ul	98
10) Acenaphthylene	13.932	152	11101	0.828	ng/ul	99
11) Acenaphthene	14.273	153	1838	0.163	ng/ul	98
12) Fluorene	15.266	166	4325	0.333	ng/ul#	96
15) Phenanthrene	17.002	178	86193	4.570	ng/ul	97
16) Anthracene	17.093	178	19759	1.119	ng/ul	99
19) Fluoranthene	19.024	202	163595	8.230	ng/ul	97
20) Pyrene	19.386	202	135988	6.745	ng/ul	95
21) Benzo(a)anthracene	21.139	228	66950	3.562	ng/ul	97
22) Chrysene	21.190	228	66169	3.402	ng/ul	96
24) Benzo(b)fluoranthene	22.674	252	86613m	4.003	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	31354m	1.403	ng/ul	
26) Benzo(a)pyrene	23.220	252	62551	3.301	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.446	276	42181	1.722	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	10409	0.527	ng/ul#	85
29) Benzo(g,h,i)perylene	26.096	276	35846	1.716	ng/ul	98

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

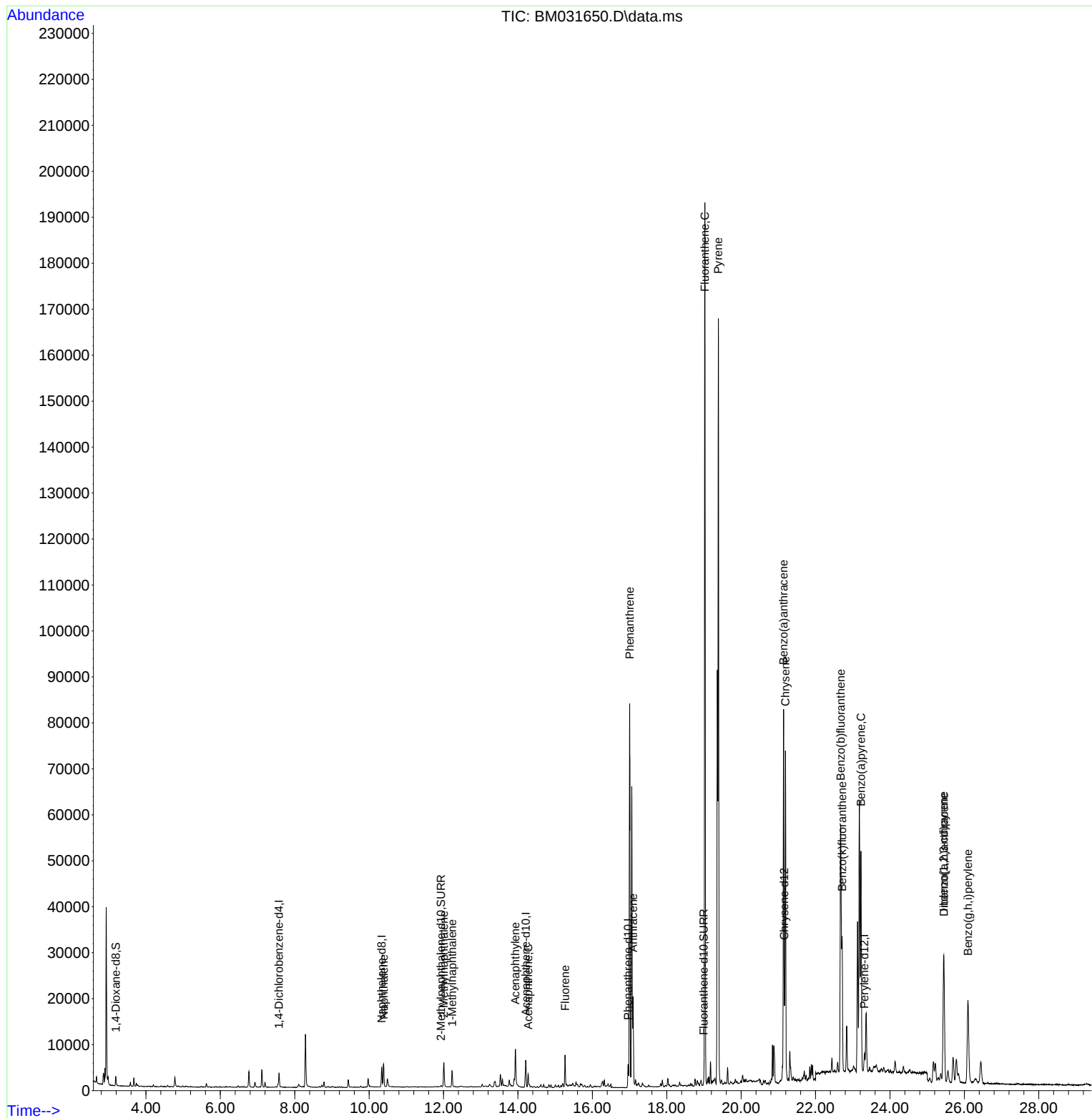
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Data File : BM031650.D
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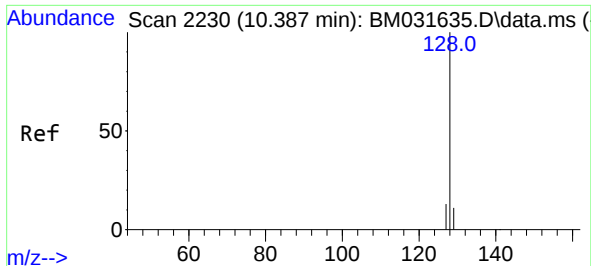
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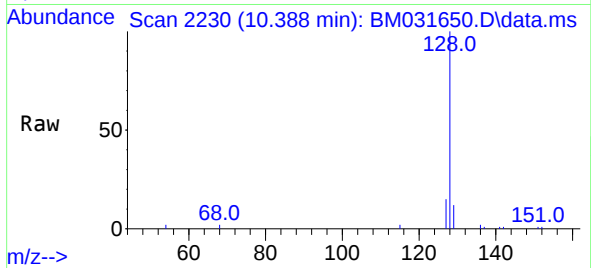
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Quant Time: Aug 11 05:58:21 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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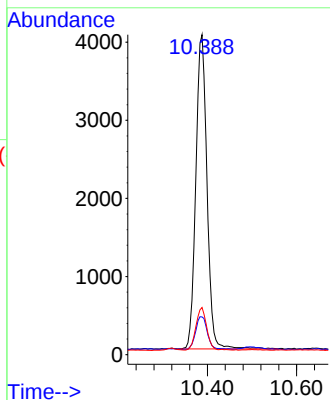
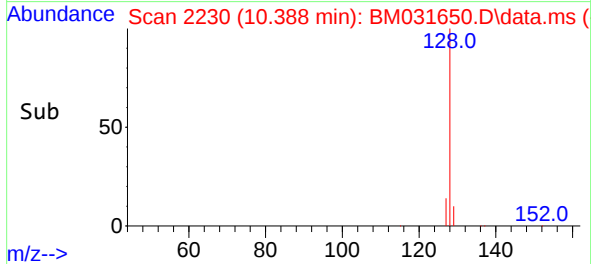


#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



Tgt Ion:128 Resp: 6987

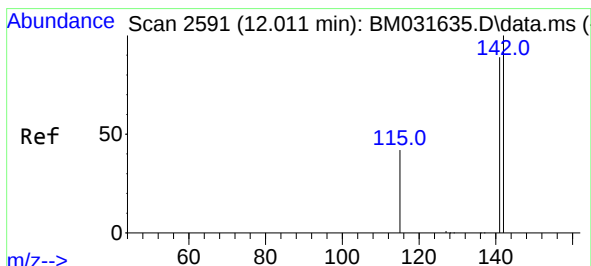
Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	14.7	11.6	17.4



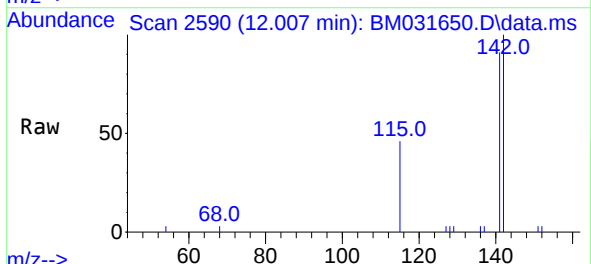
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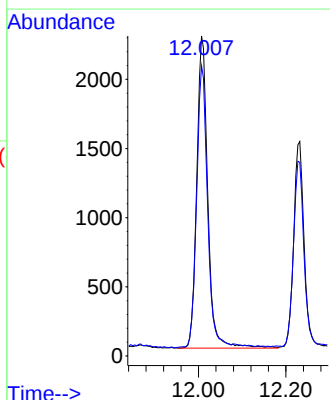
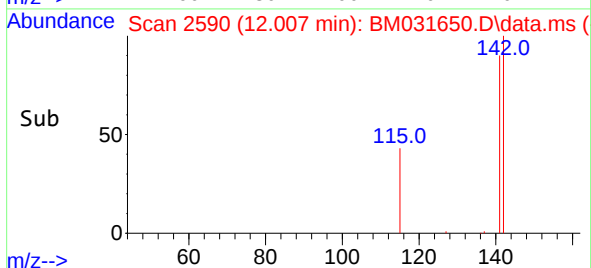


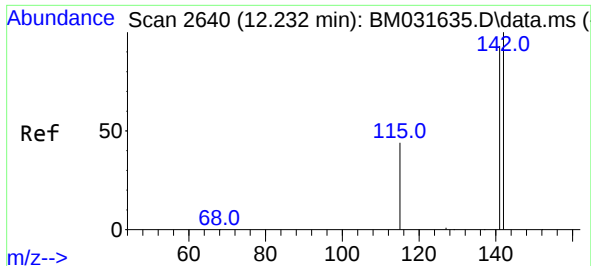
#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.004 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



Tgt Ion:142 Resp: 3958

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.0





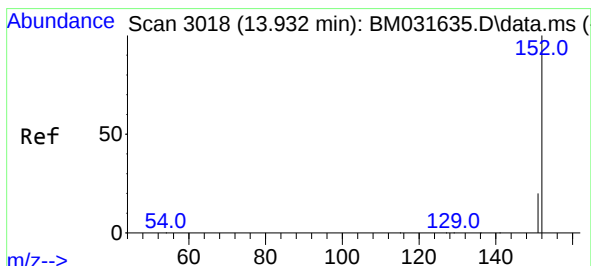
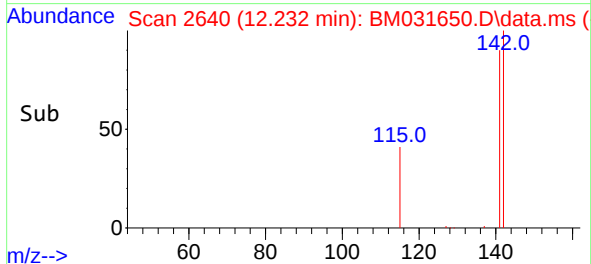
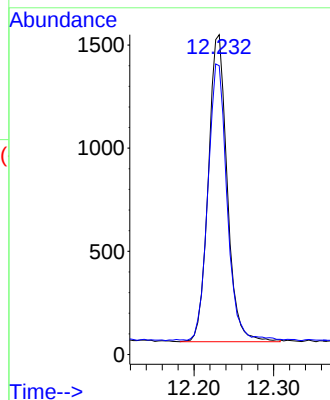
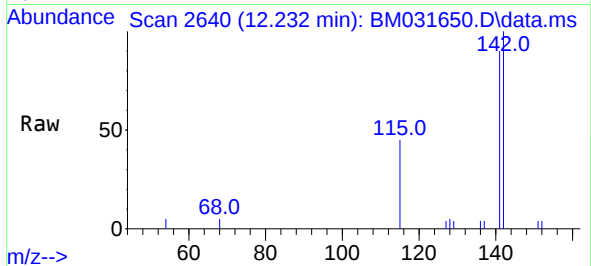
#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031650.D
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Tgt Ion:142 Resp: 2452
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C00A4DL

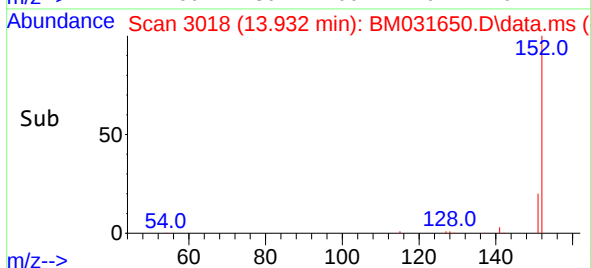
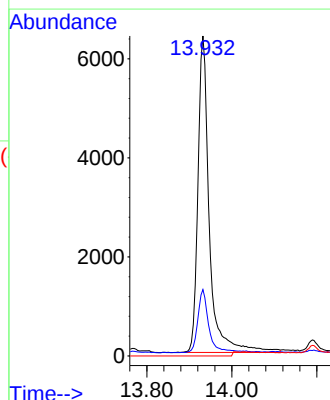
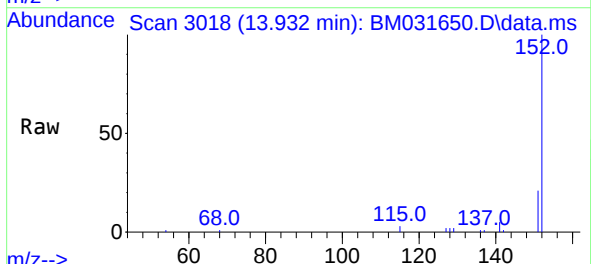
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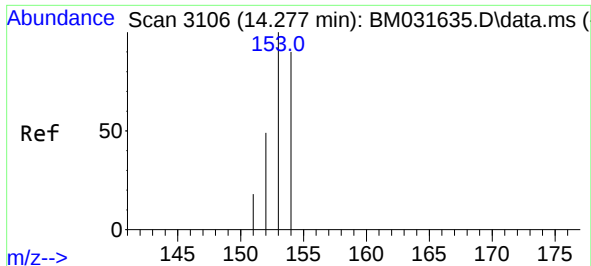
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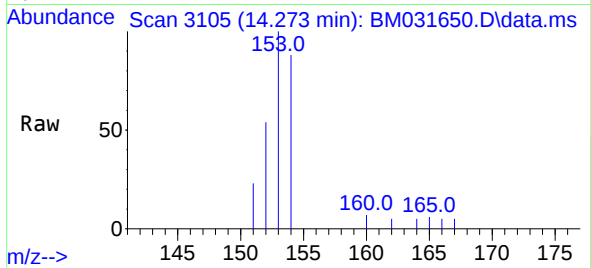
#10
Acenaphthylene
Concen: 0.828 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:152 Resp: 11101
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 0.0 0.0 0.0

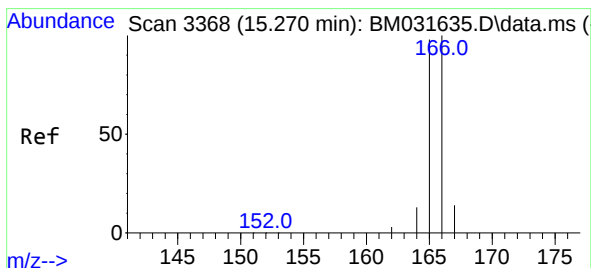
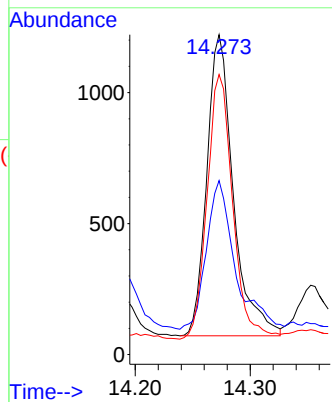
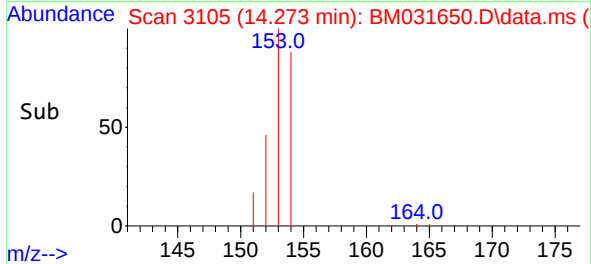




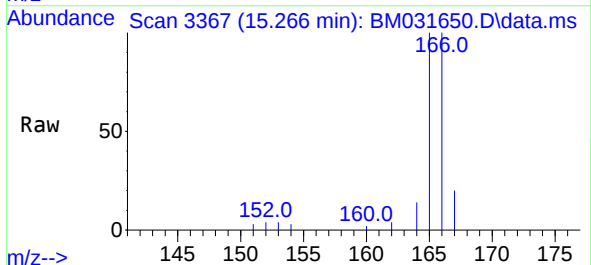
#11
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



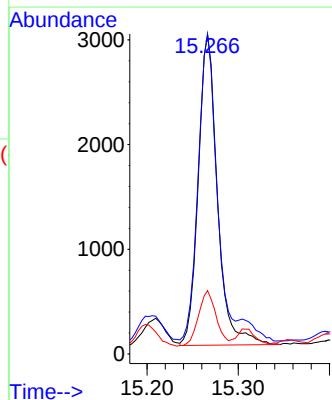
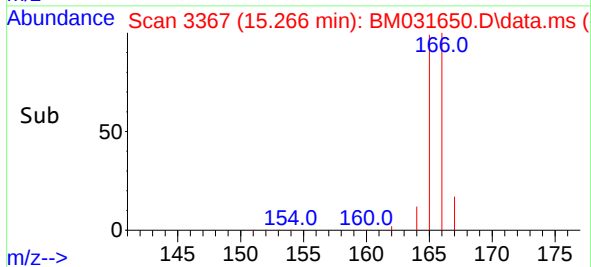
Tgt Ion:153 Resp: 1838
Ion Ratio Lower Upper
153 100
152 54.4 40.7 61.1
154 87.6 70.2 105.2



#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



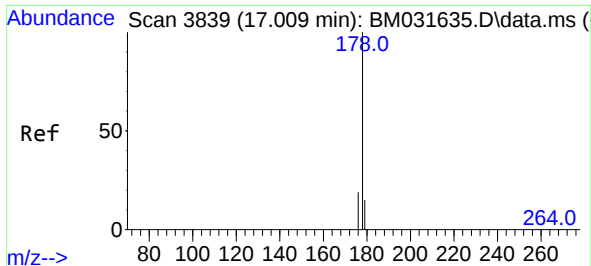
Tgt Ion:166 Resp: 4325
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 19.8 12.0 18.0#



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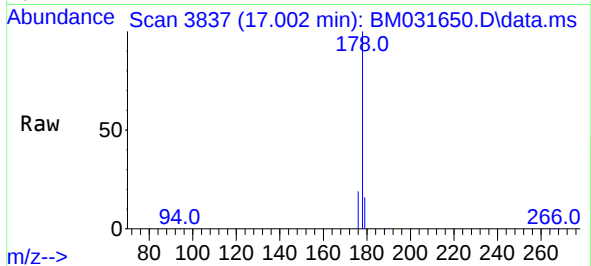
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#15
Phenanthrene
Concen: 4.570 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

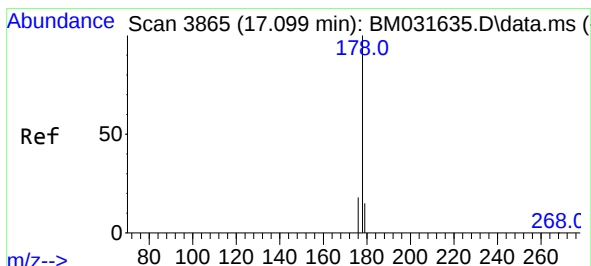
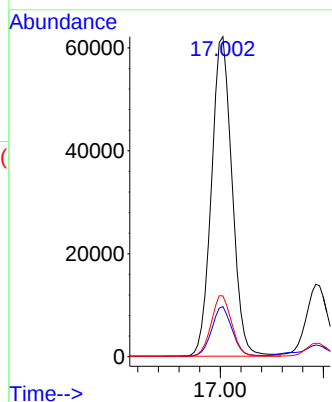
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ClientSampleId :
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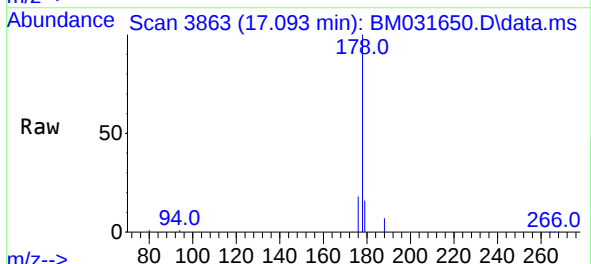
Tgt Ion:178 Resp: 86193
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.0 16.2 24.4

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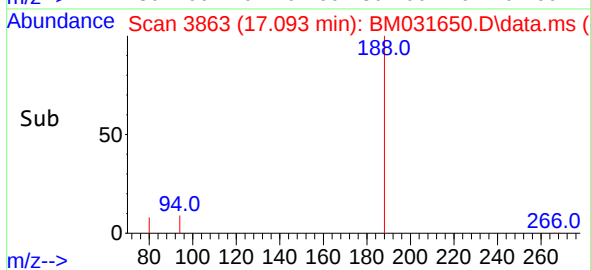
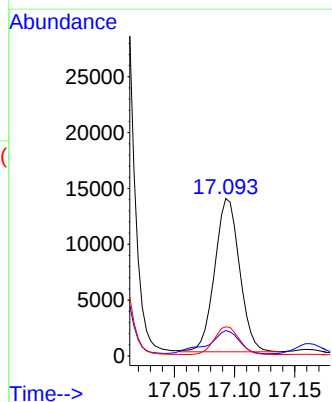
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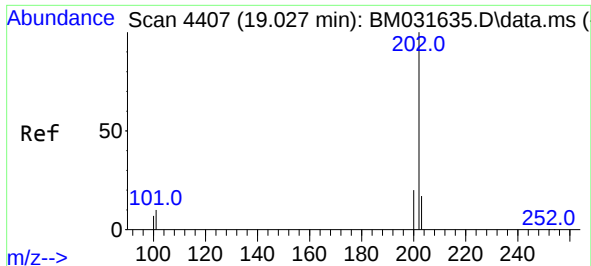


#16
Anthracene
Concen: 1.119 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

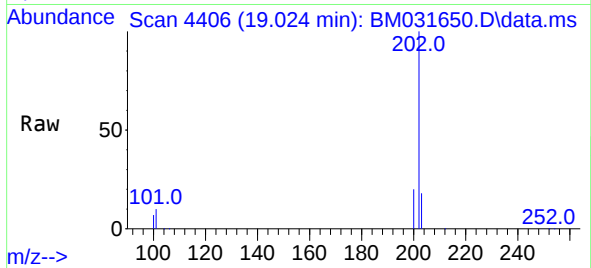


Tgt Ion:178 Resp: 19759
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 18.5 15.6 23.4

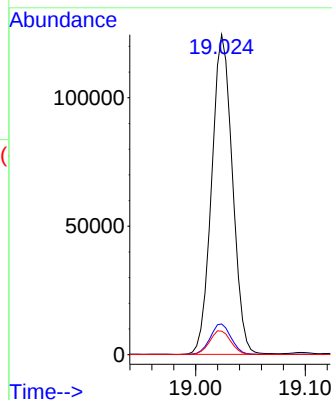




#19
Fluoranthene
Concen: 8.230 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



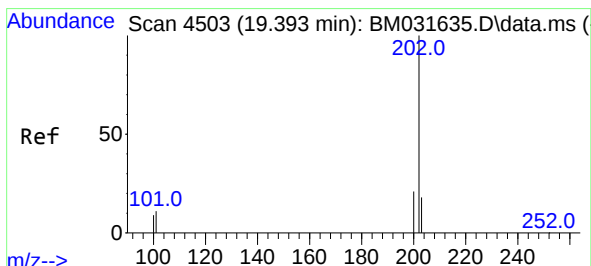
Tgt Ion:202 Resp: 163595
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.4 5.4 8.0



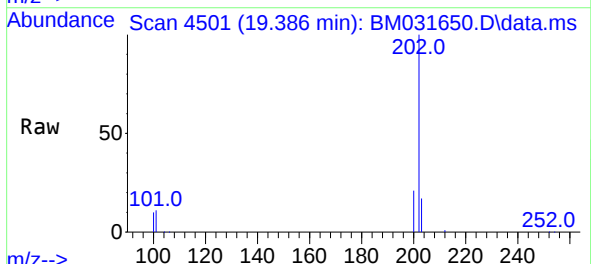
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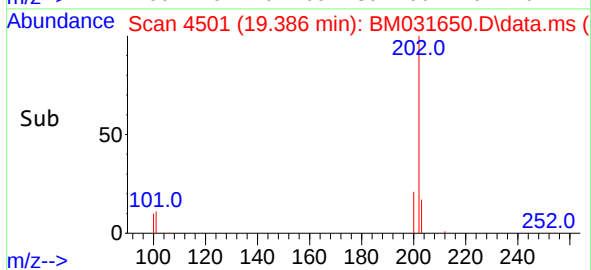
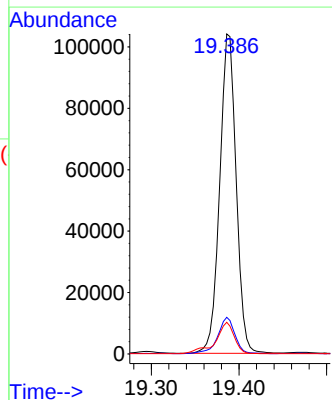
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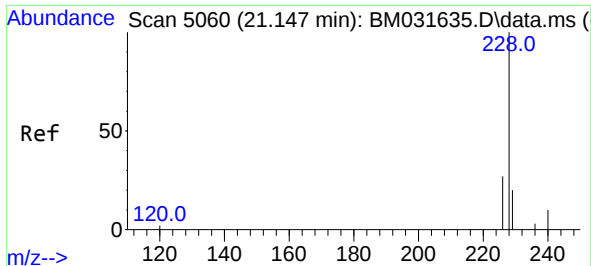


#20
Pyrene
Concen: 6.745 ng/u1
RT: 19.386 min Scan# 4501
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



Tgt Ion:202 Resp: 135988
Ion Ratio Lower Upper
202 100
101 11.5 7.8 11.6
100 9.9 6.6 10.0





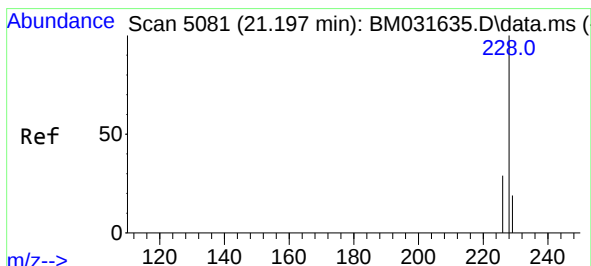
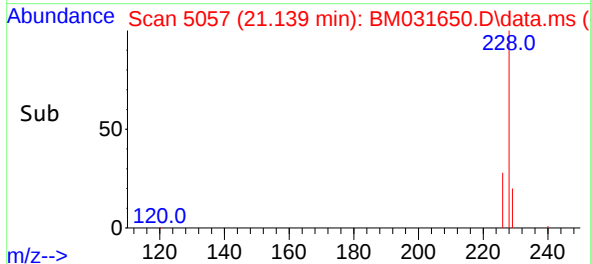
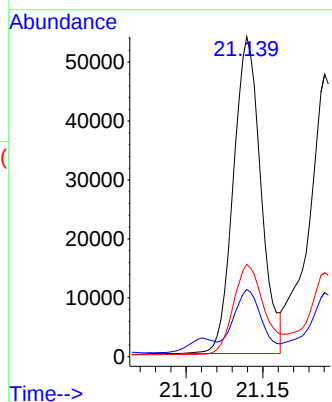
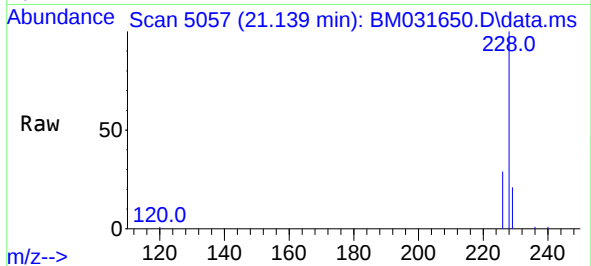
#21
Benzo(a)anthracene
Concen: 3.562 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:	228	Resp:	66950
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	28.8	21.7	32.5

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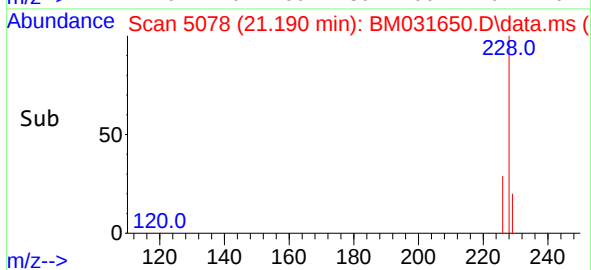
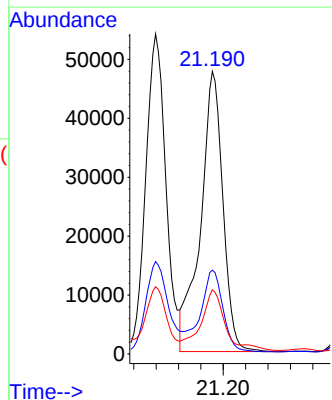
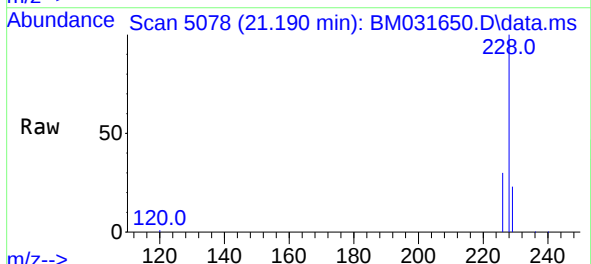
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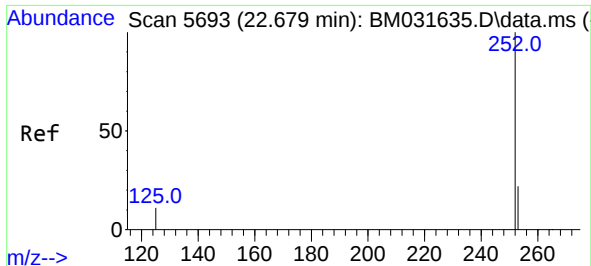
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#22
Chrysene
Concen: 3.402 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:	228	Resp:	66169
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.7	37.1
229	22.7	16.2	24.2





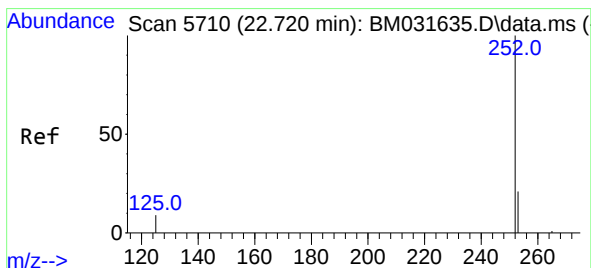
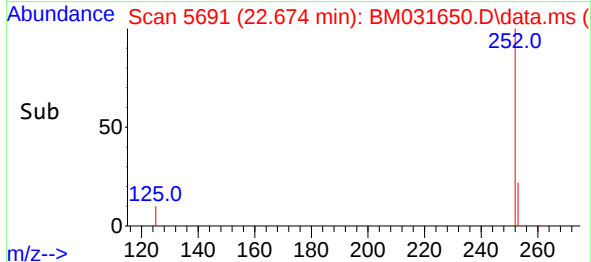
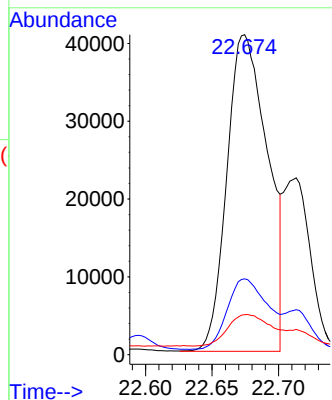
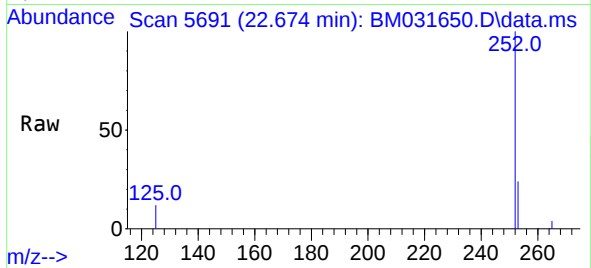
#24
Benzo(b)fluoranthene
Concen: 4.003 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:252 Resp: 86613
Ion Ratio Lower Upper
252 100
253 23.7 0.0 53.0
125 12.5 0.0 22.8

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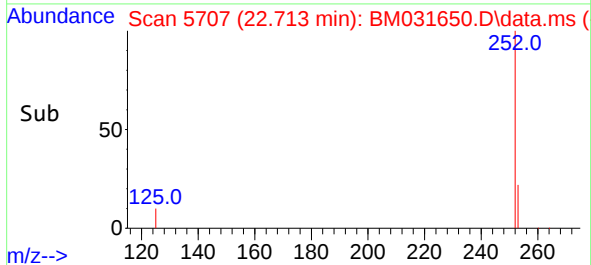
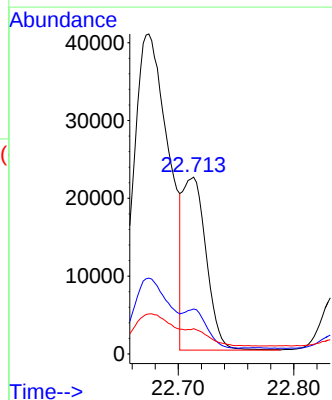
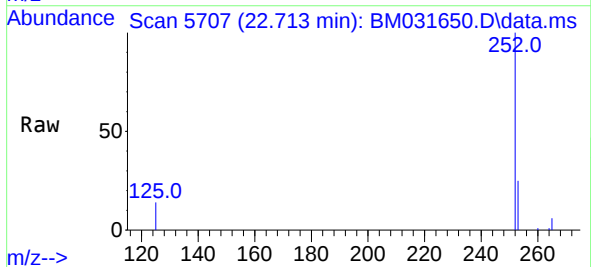
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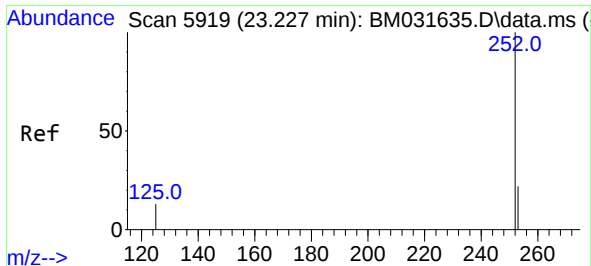
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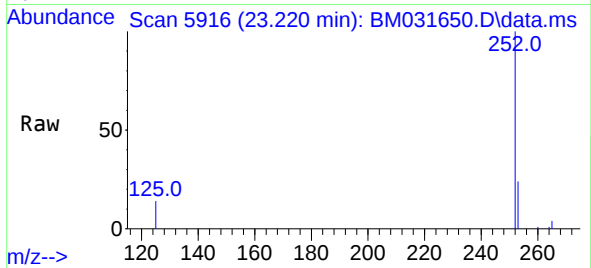
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Benzo(k)fluoranthene
Concen: 1.403 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:252 Resp: 31354
Ion Ratio Lower Upper
252 100
253 25.4 21.3 31.9
125 14.3 8.8 13.2#

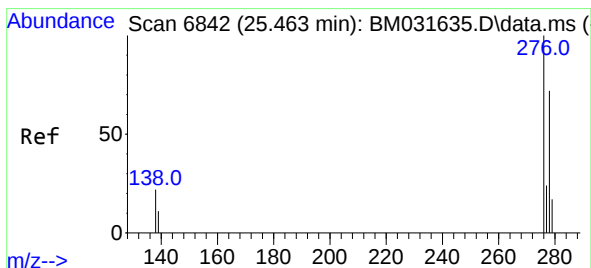
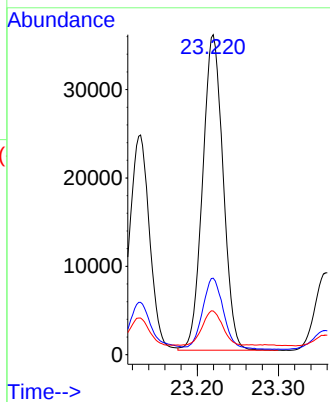
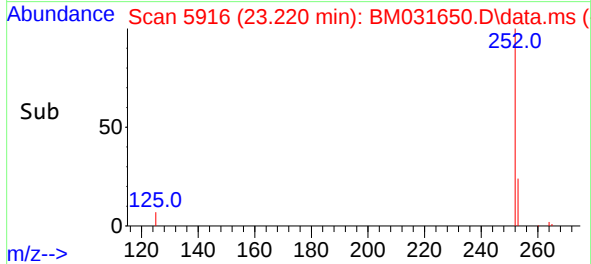




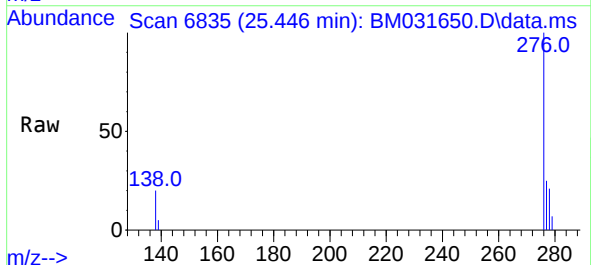
#26
Benzo(a)pyrene
Concen: 3.301 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



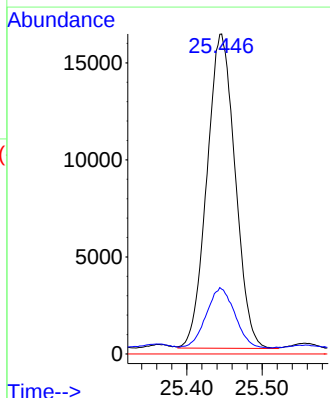
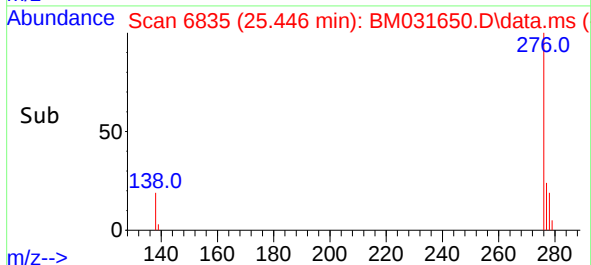
Tgt Ion:252 Resp: 62551
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 13.7 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31



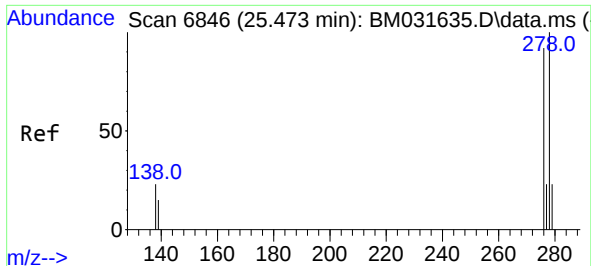
Tgt Ion:276 Resp: 42181
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00A4DL

Manual Integrations
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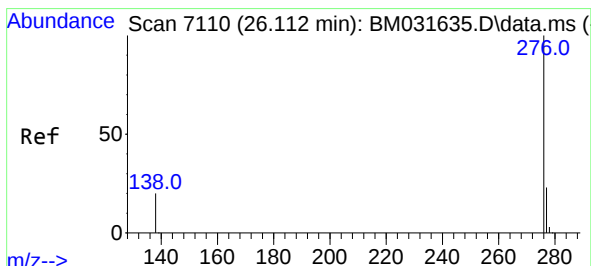
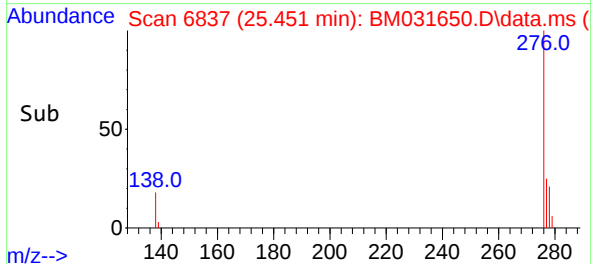
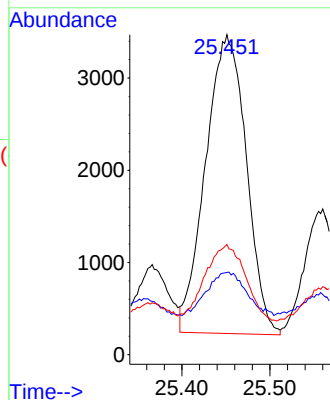
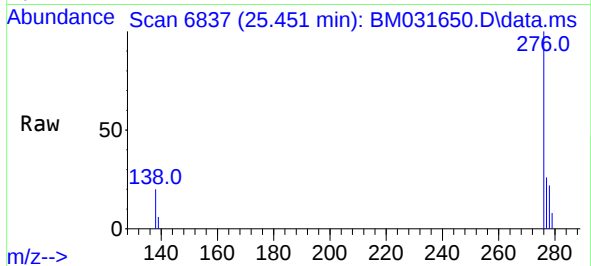
#28
Dibenzo(a,h)anthracene
Concen: 0.527 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.022 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:278 Resp: 10409
Ion Ratio Lower Upper
278 100
139 25.7 13.3 19.9#
279 34.5 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00A4DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 1.716 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.017 min
Lab File: BM031650.D
Acq: 10 Aug 2021 20:31

Tgt Ion:276 Resp: 35846
Ion Ratio Lower Upper
276 100
138 21.3 15.4 23.2
277 24.8 19.9 29.9

