

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031647.D
 Acq On : 10 Aug 2021 18:39
 Operator : CG/JU
 Sample : M3169-01DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A2DL

Manual Integrations
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Quant Time: Aug 11 05:57:51 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	7.580	152	1460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5355	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2962	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5605	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4508	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4516	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1927	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	727	0.081	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1389	0.092	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	2292	0.144	ng/ul#	95
7) 2-Methylnaphthalene	12.011	142	1405	0.129	ng/ul	98
8) 1-Methylnaphthalene	12.232	142	806	0.075	ng/ul	97
10) Acenaphthylene	13.932	152	2162	0.171	ng/ul	94
11) Acenaphthene	14.273	153	271	0.026	ng/ul#	88
12) Fluorene	15.266	166	472	0.039	ng/ul#	86
15) Phenanthrene	17.002	178	16579	0.931	ng/ul	98
16) Anthracene	17.093	178	3994	0.240	ng/ul	96
19) Fluoranthene	19.024	202	45324	2.355	ng/ul	96
20) Pyrene	19.390	202	37758	1.934	ng/ul	97
21) Benzo(a)anthracene	21.139	228	21958	1.206	ng/ul	97
22) Chrysene	21.193	228	22488	1.194	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	29671m	1.458	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	10892m	0.518	ng/ul	
26) Benzo(a)pyrene	23.220	252	19755	1.109	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.444	276	13281	0.577	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.458	278	3404	0.183	ng/ul#	70
29) Benzo(g,h,i)perylene	26.098	276	10575	0.538	ng/ul#	94

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

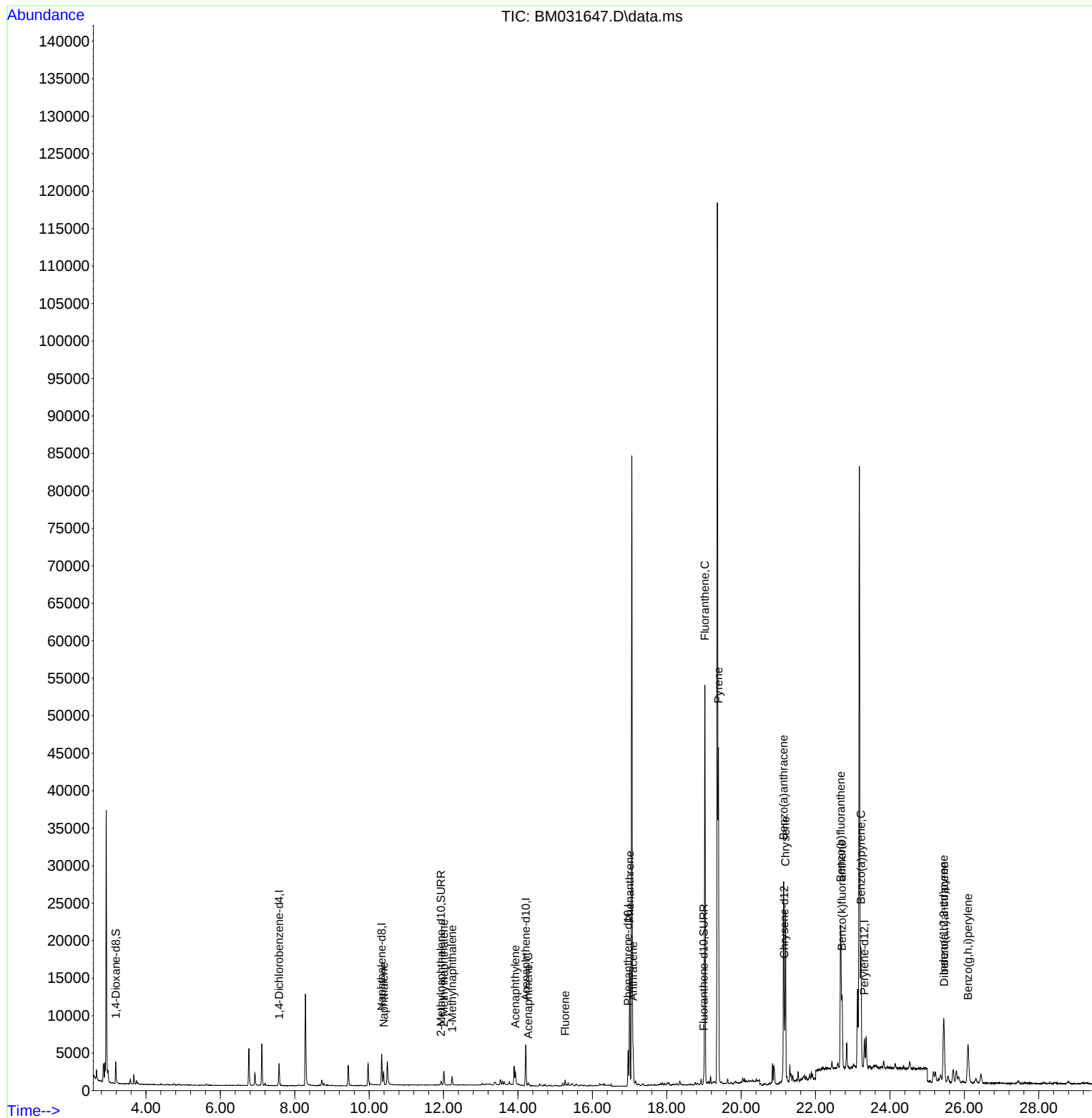
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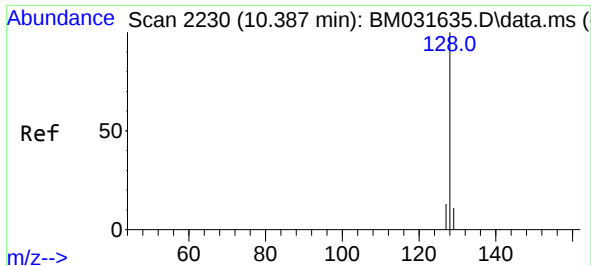
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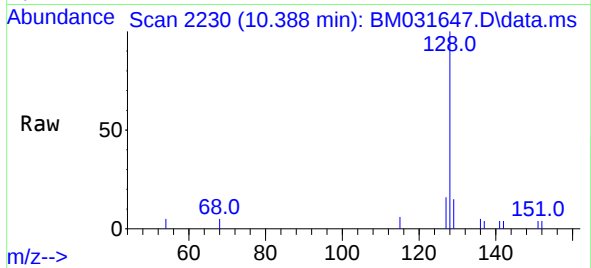
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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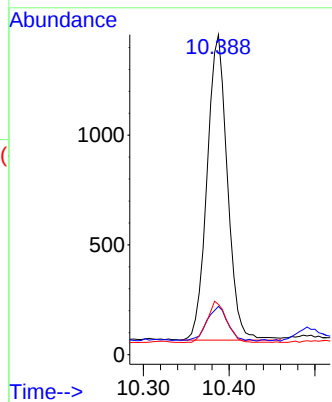
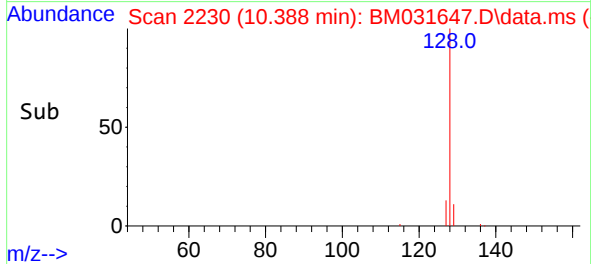




#5
Naphthalene
Concen: 0.144 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



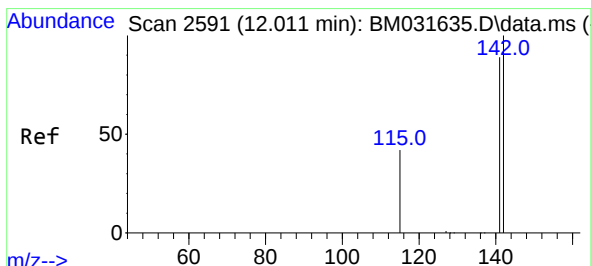
Tgt Ion:128 Resp: 2292
Ion Ratio Lower Upper
128 100
129 15.1 10.0 15.0#
127 15.7 11.6 17.4



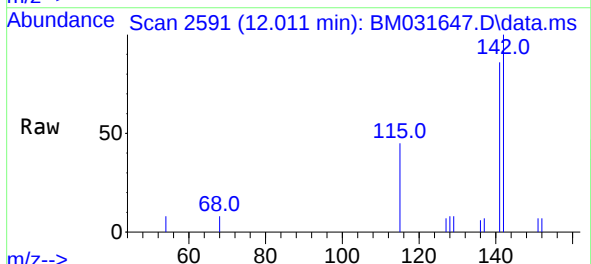
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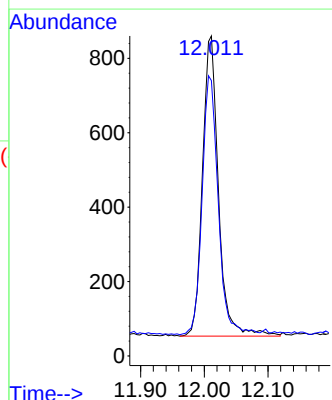
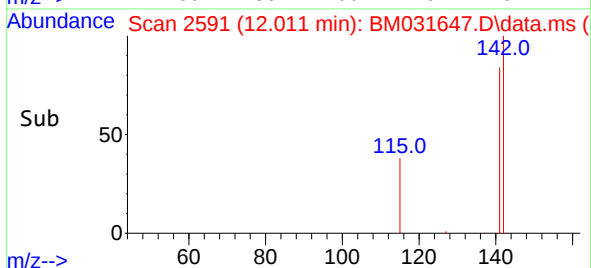
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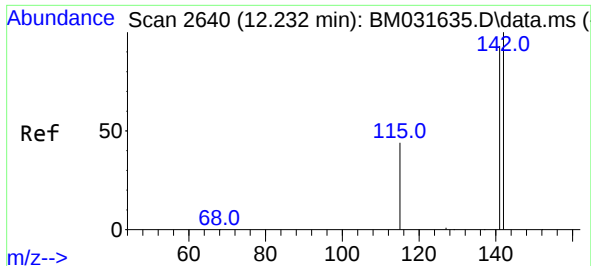


#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



Tgt Ion:142 Resp: 1405
Ion Ratio Lower Upper
142 100
141 87.0 71.4 107.0





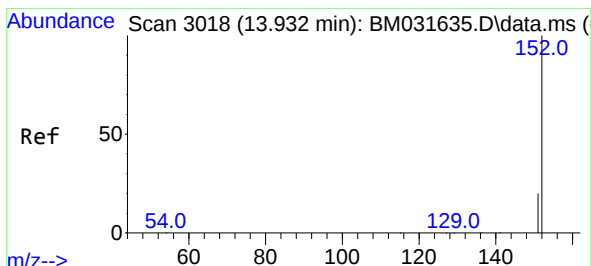
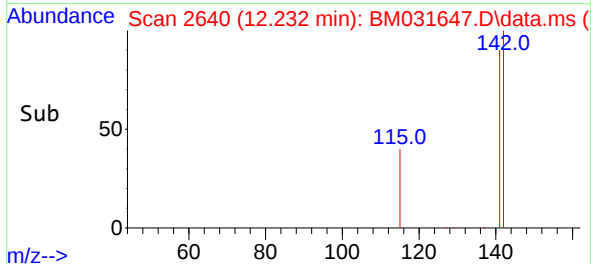
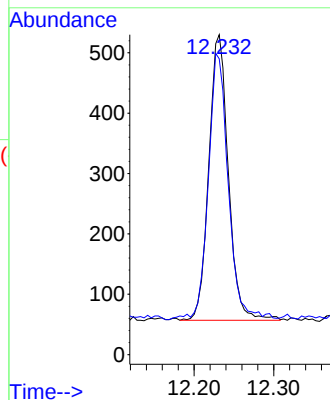
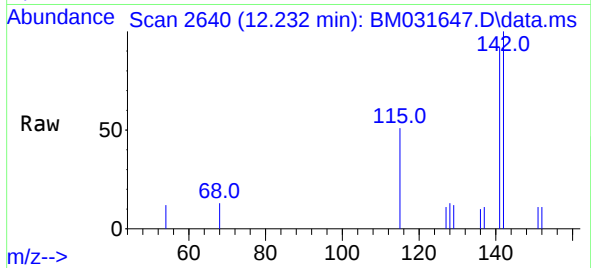
#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031647.D
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Tgt Ion:142 Resp: 806
Ion Ratio Lower Upper
142 100
141 95.5 74.1 111.1

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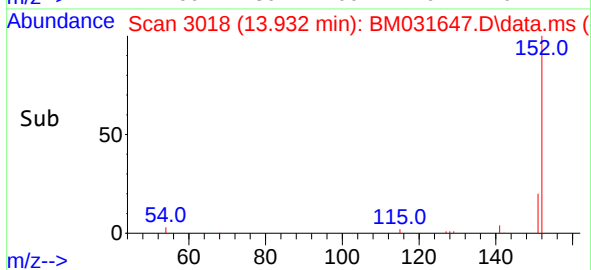
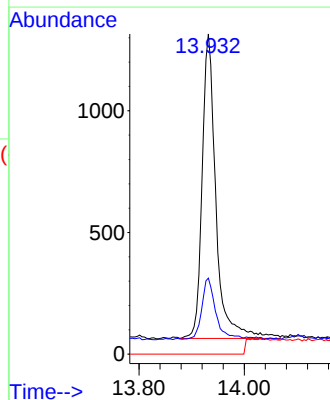
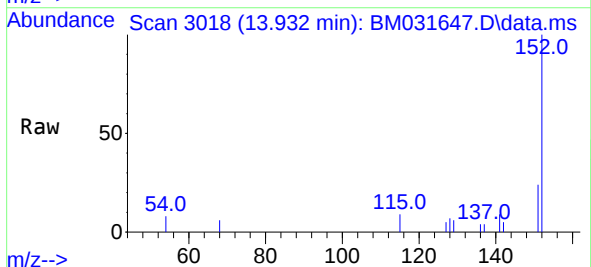
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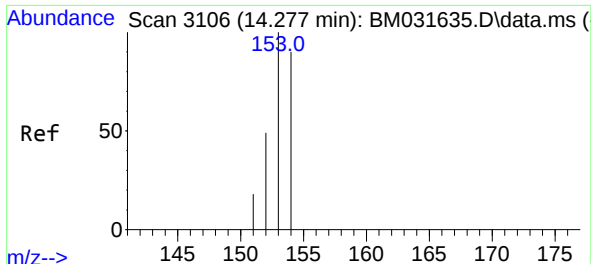
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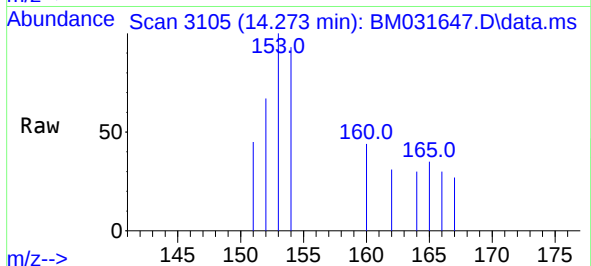
#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
151 23.7 16.9 25.3
153 0.0 0.0 0.0

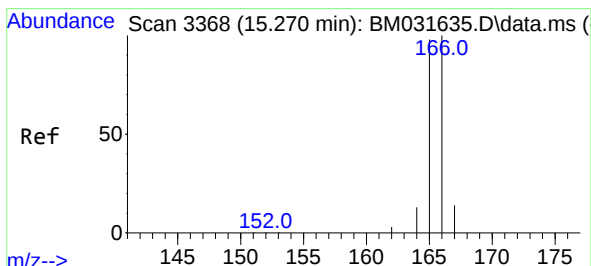
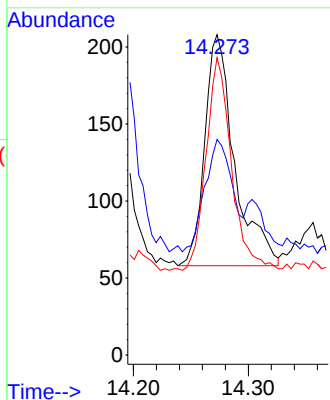
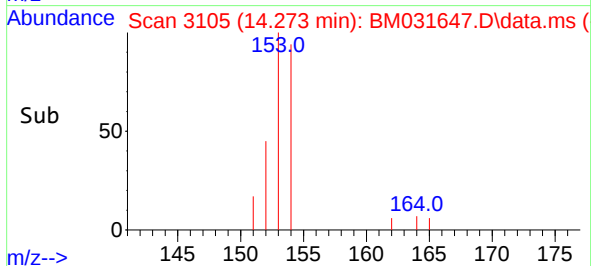




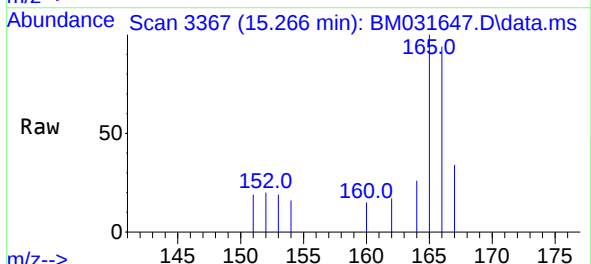
#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



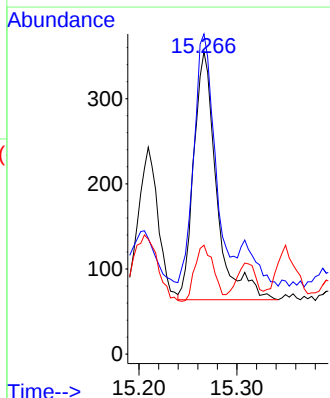
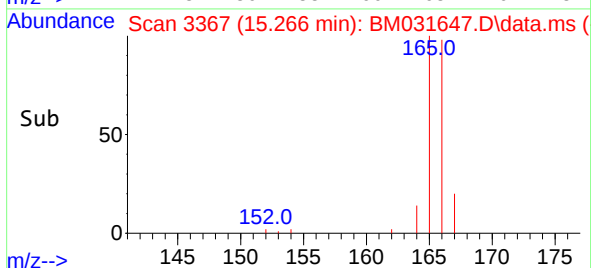
Tgt Ion:153 Resp: 271
Ion Ratio Lower Upper
153 100
152 67.3 40.7 61.1#
154 92.8 70.2 105.2



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



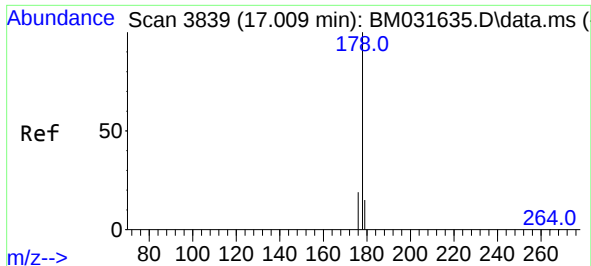
Tgt Ion:166 Resp: 472
Ion Ratio Lower Upper
166 100
165 105.9 78.0 117.0
167 36.1 12.0 18.0#



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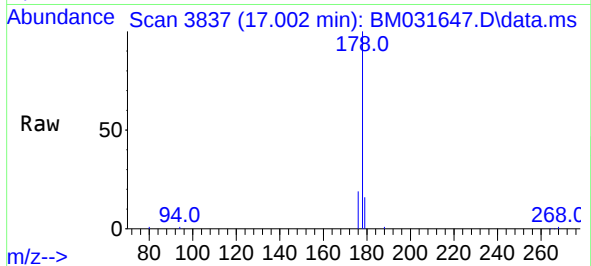
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#15
Phenanthrene
Concen: 0.931 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

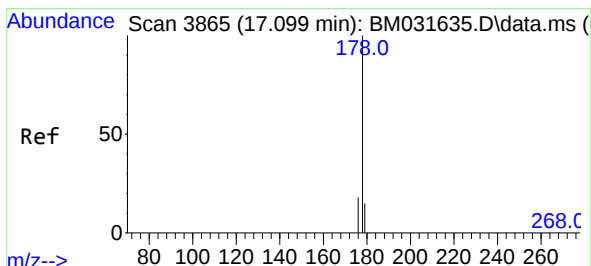
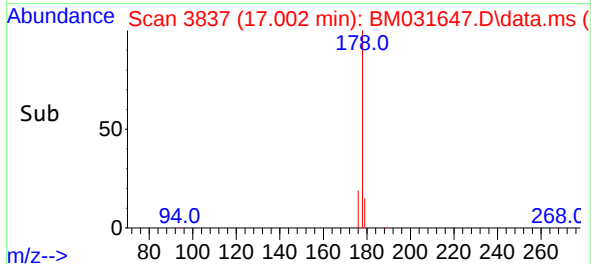
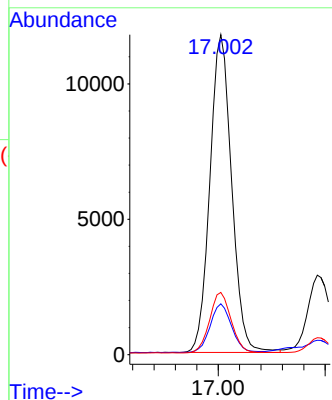
Instrument :
BNA_M
ClientSampleId :
C00A2DL



Tgt Ion:178 Resp: 16579
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 16.2 24.4

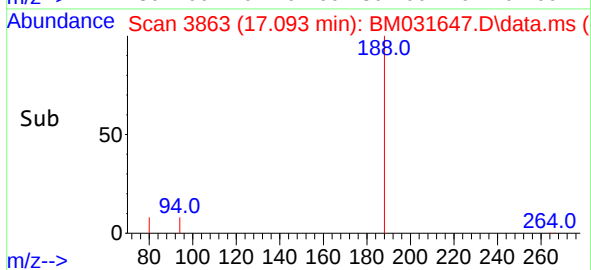
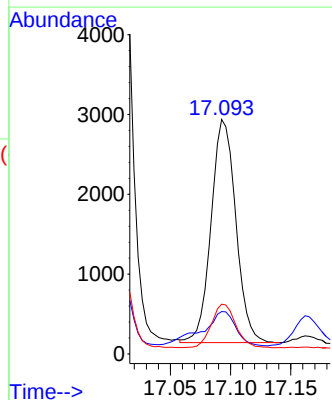
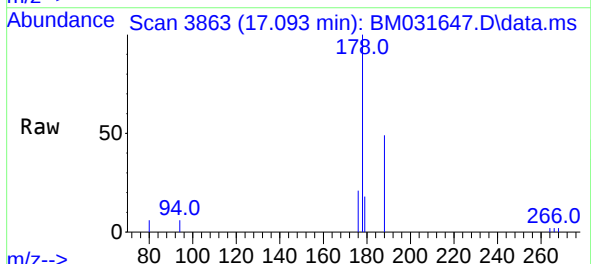
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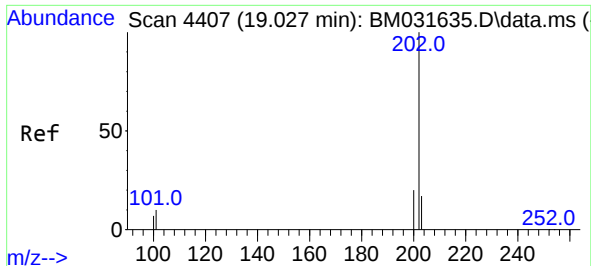
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#16
Anthracene
Concen: 0.240 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:178 Resp: 3994
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.6
176 21.2 15.6 23.4





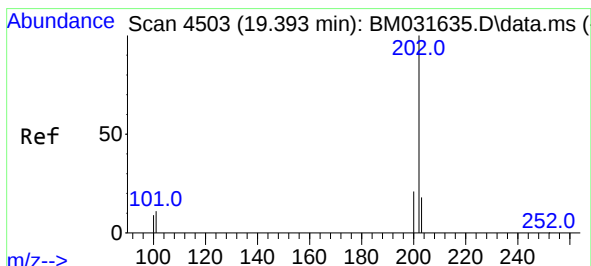
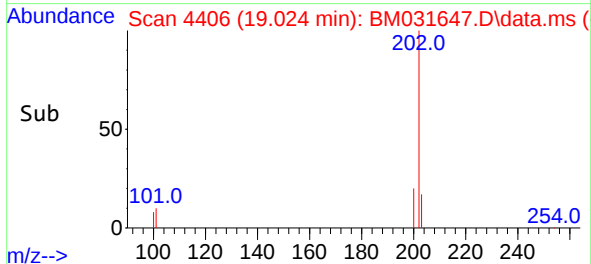
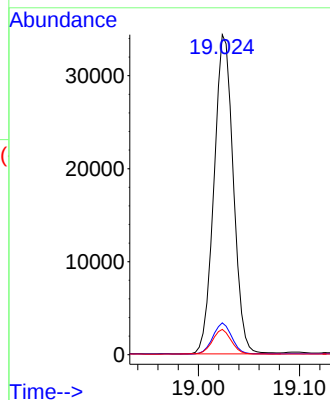
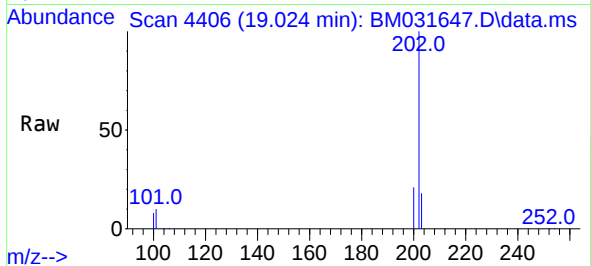
#19
Fluoranthene
Concen: 2.355 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	202	Resp:	45324
Ion Ratio	Lower	Upper	
202	100		
101	10.0	6.6	10.0
100	7.9	5.4	8.0

Instrument :
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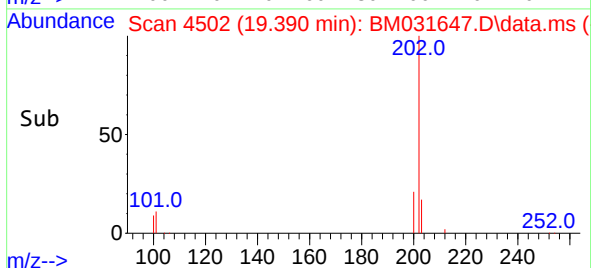
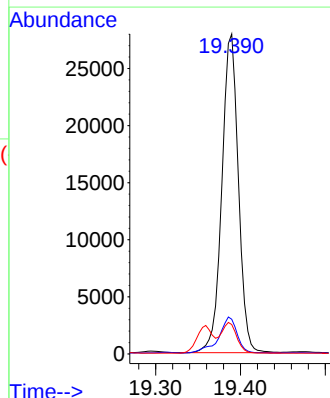
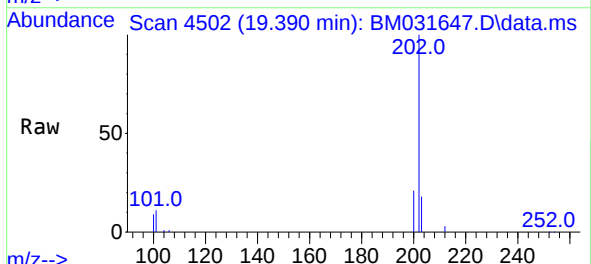
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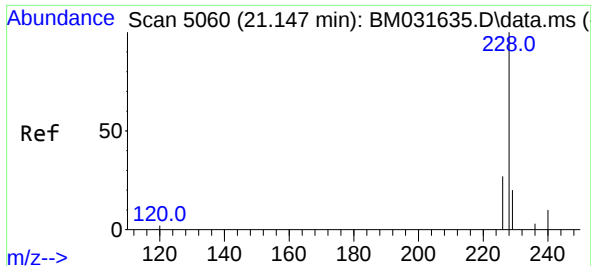
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#20
Pyrene
Concen: 1.934 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	202	Resp:	37758
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.2	6.6	10.0





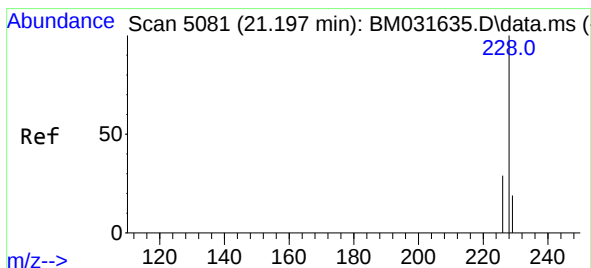
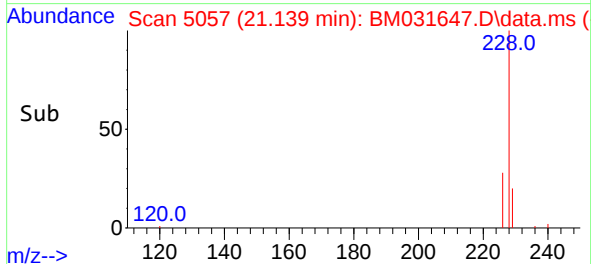
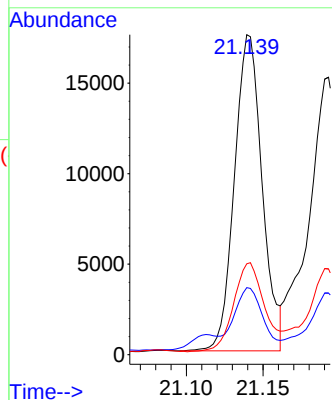
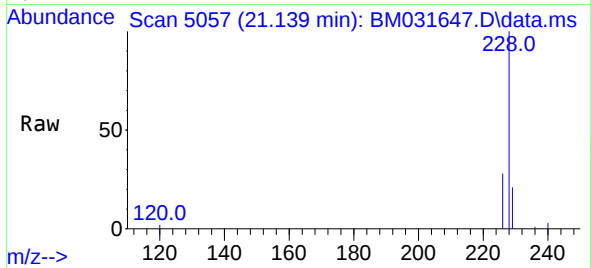
#21
Benzo(a)anthracene
Concen: 1.206 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	228	Resp:	21958
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	28.4	21.7	32.5

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C00A2DL

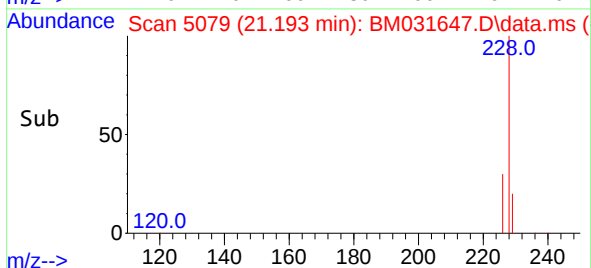
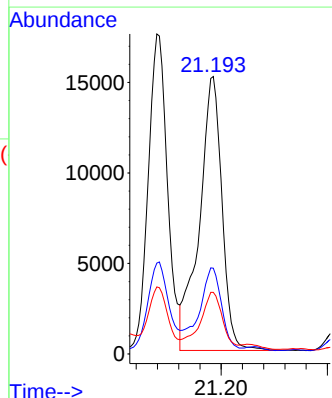
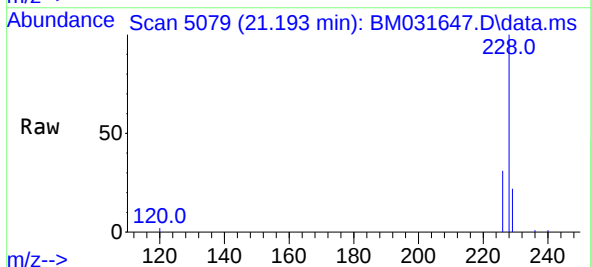
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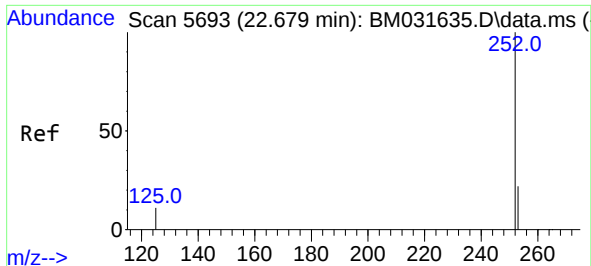
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#22
Chrysene
Concen: 1.194 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.005 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	228	Resp:	22488
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	22.2	16.2	24.2





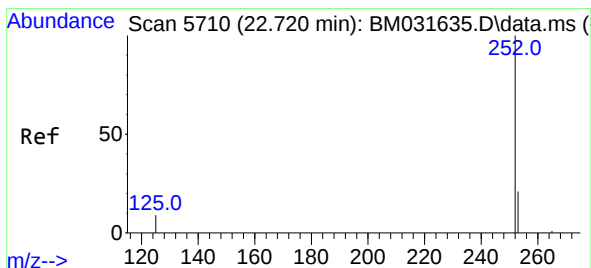
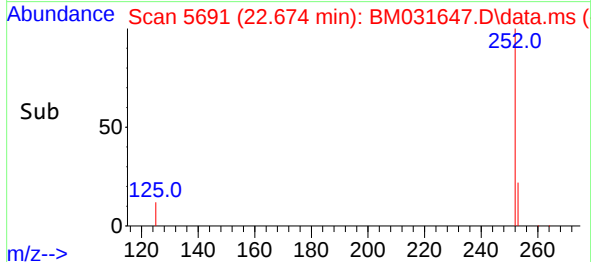
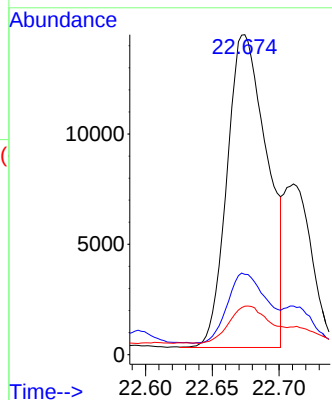
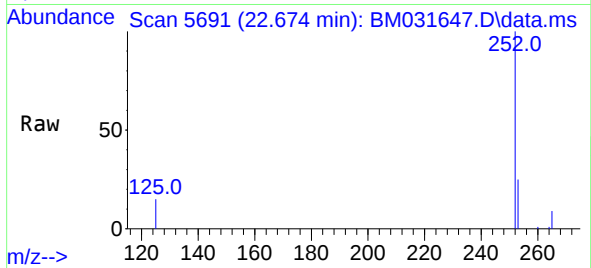
#24
Benzo(b)fluoranthene
Concen: 1.458 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	252	Resp:	29671
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	53.0
125	15.1	0.0	22.8

Instrument :
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C00A2DL

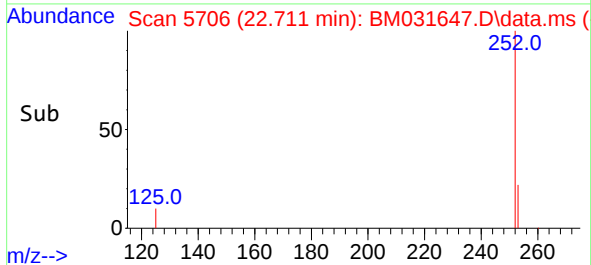
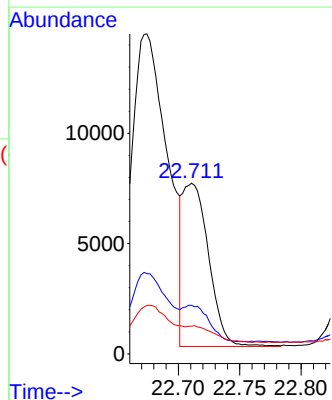
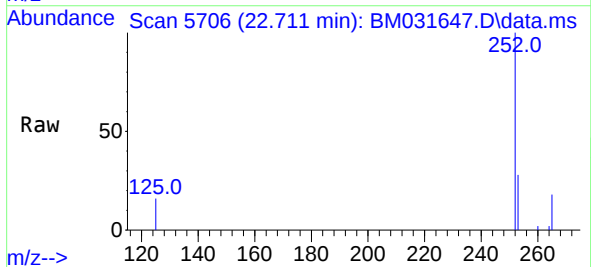
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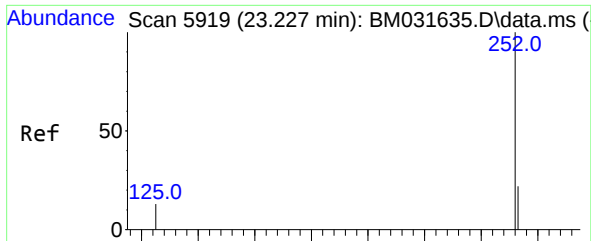
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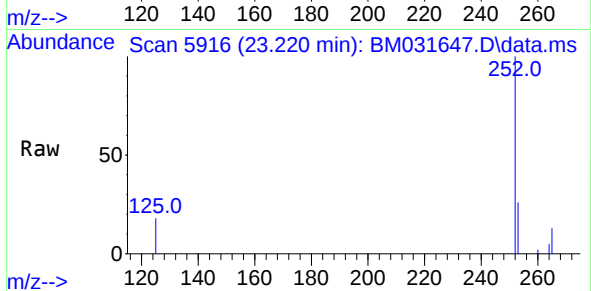
#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:	252	Resp:	10892
Ion Ratio	Lower	Upper	
252	100		
253	28.5	21.3	31.9
125	16.2	8.8	13.2

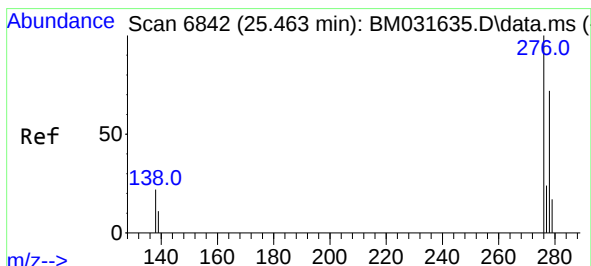
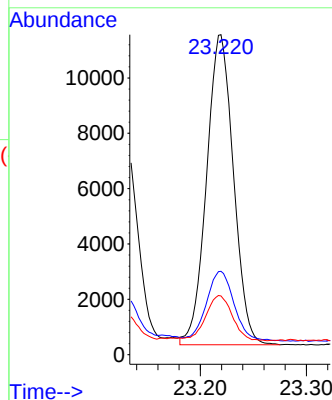
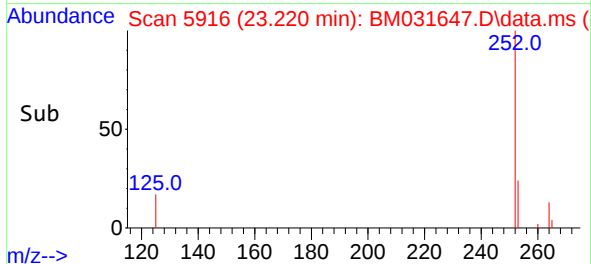




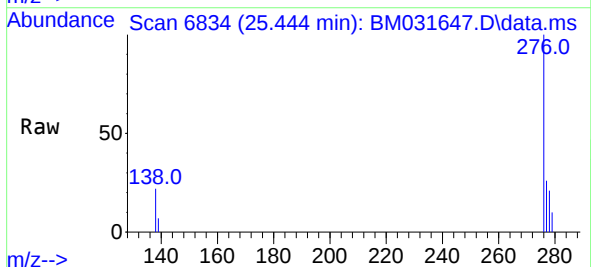
#26
Benzo(a)pyrene
Concen: 1.109 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



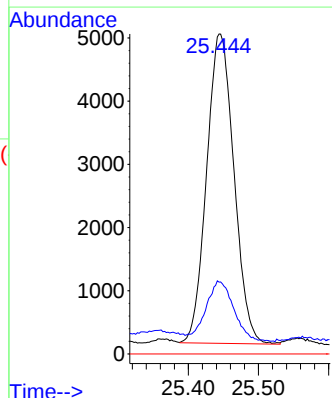
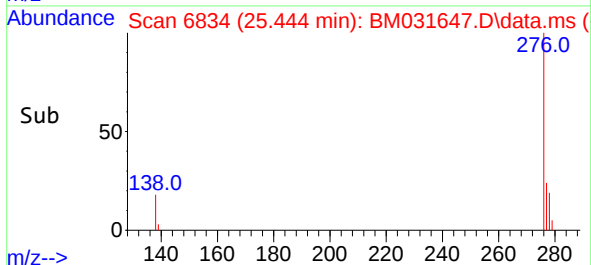
Tgt Ion: 252 Resp: 19755
Ion Ratio Lower Upper
252 100
253 26.0 22.4 33.6
125 18.4 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.577 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39



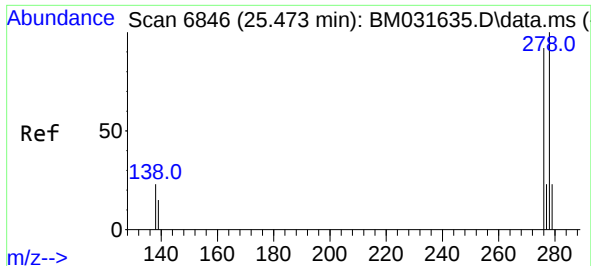
Tgt Ion: 276 Resp: 13281
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleID :
C00A2DL

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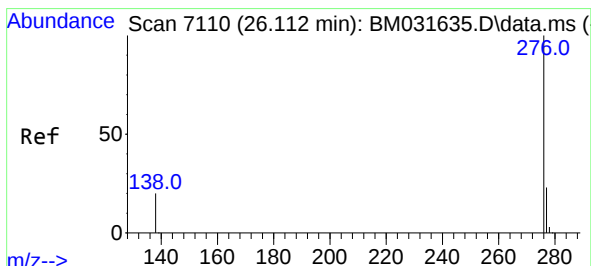
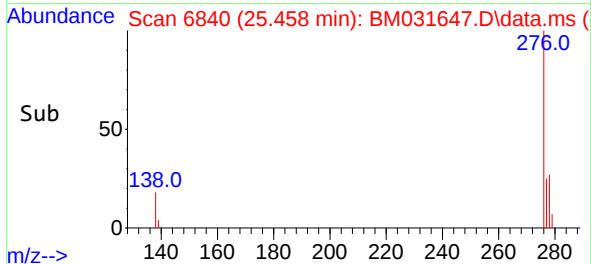
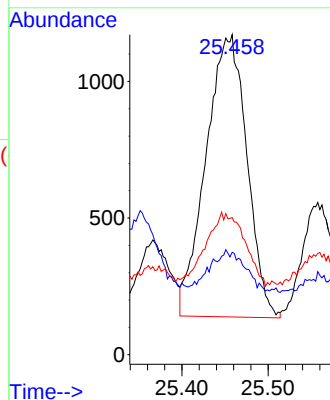
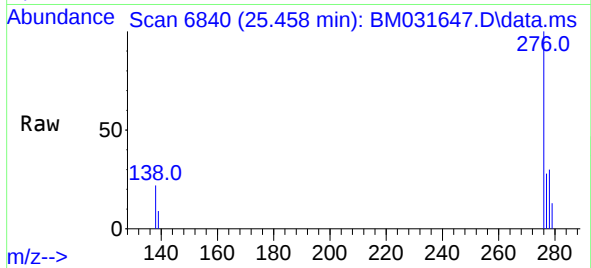
#28
Dibenzo(a,h)anthracene
Concen: 0.183 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.014 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:278 Resp: 3404
Ion Ratio Lower Upper
278 100
139 32.0 13.3 19.9#
279 42.9 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00A2DL

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#29
Benzo(g,h,i)perylene
Concen: 0.538 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.014 min
Lab File: BM031647.D
Acq: 10 Aug 2021 18:39

Tgt Ion:276 Resp: 10575
Ion Ratio Lower Upper
276 100
138 23.3 15.4 23.2#
277 27.2 19.9 29.9

