

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031624.D
 Acq On : 10 Aug 2021 04:28
 Operator : CG/JU
 Sample : M3169-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B3

Manual Integrations
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Quant Time: Aug 10 06:05:27 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 : Mon Aug 09 10:16:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1332	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	4857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	2771	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5032	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	4167	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	4038	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	4172	2.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	1672	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3361	0.242	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.387	128	10075	0.696	ng/ul	97
7) 2-Methylnaphthalene	12.006	142	5614	0.568	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	3221	0.330	ng/ul	99
10) Acenaphthylene	13.931	152	10409	0.882	ng/ul	99
11) Acenaphthene	14.273	153	2136	0.215	ng/ul	98
12) Fluorene	15.266	166	3853	0.337	ng/ul#	97
15) Phenanthrene	17.002	178	77007	4.819	ng/ul	97
16) Anthracene	17.092	178	17196	1.149	ng/ul	99
19) Fluoranthene	19.023	202	181462	10.198	ng/ul	98
20) Pyrene	19.389	202	146702	8.129	ng/ul	98
21) Benzo(a)anthracene	21.139	228	83595	4.968	ng/ul	97
22) Chrysene	21.190	228	88455	5.081	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	122543m	6.736	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	43056m	2.291	ng/ul	
26) Benzo(a)pyrene	23.217	252	73556	4.617	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.441	276	54034	2.623	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.446	278	14009	0.844	ng/ul#	93
29) Benzo(g,h,i)perylene	26.093	276	11826	0.673	ng/ul#	93

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

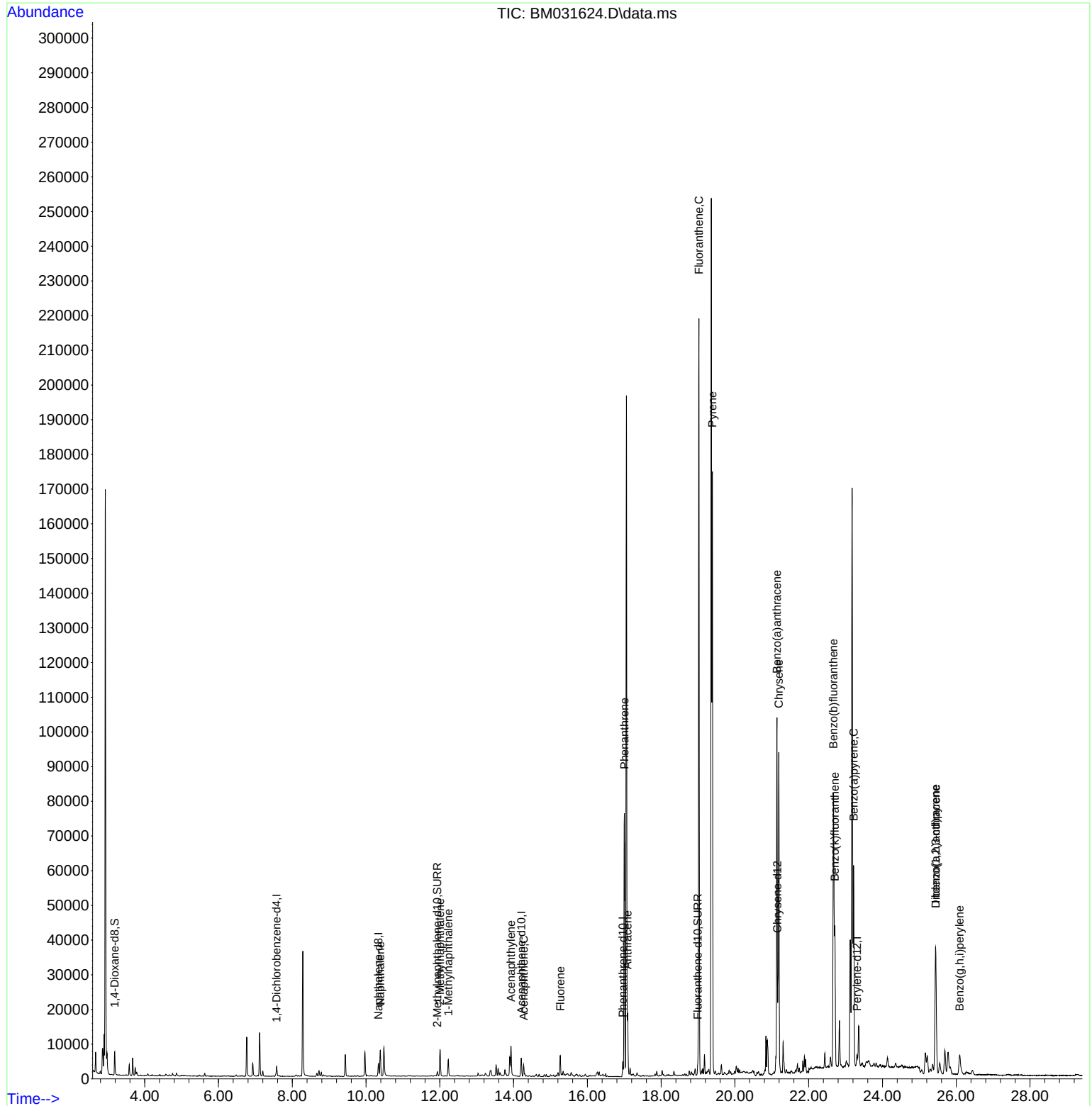
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Data File : BM031624.D
Acq On : 10 Aug 2021 04:28
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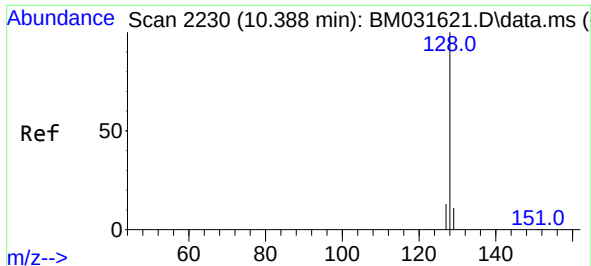
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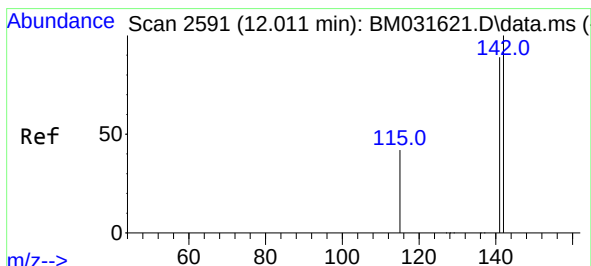
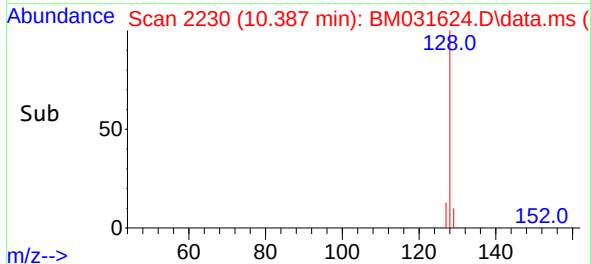
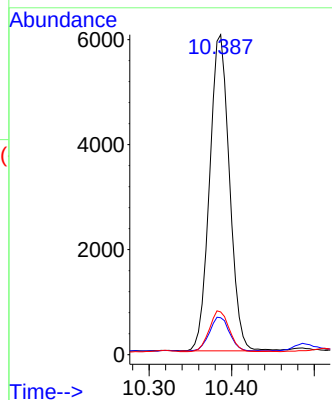
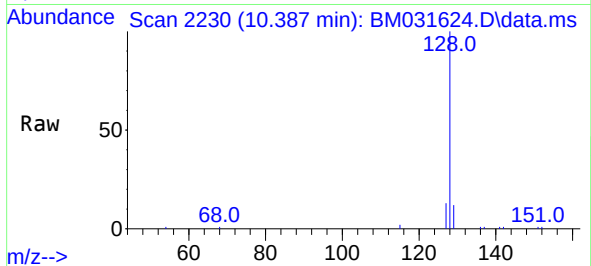
#5
Naphthalene
Concen: 0.696 ng/ul
RT: 10.387 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:128	Resp:	10075
Ion Ratio	Lower	Upper
128	100	
129	11.6	10.0 15.0
127	13.4	11.6 17.4

Instrument :
BNA_M
ClientSampled :
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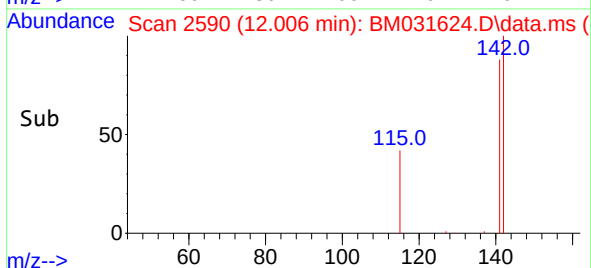
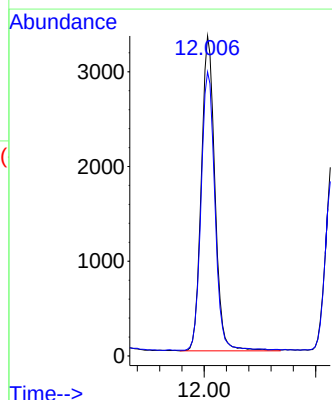
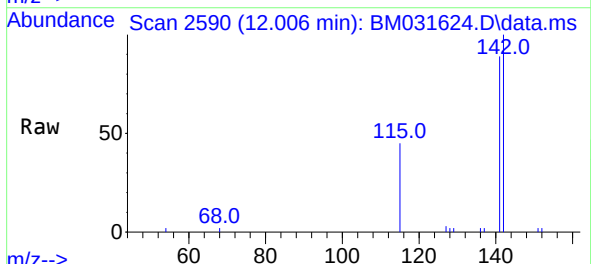
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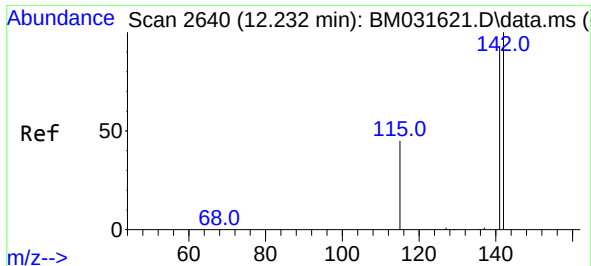
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#7
2-Methylnaphthalene
Concen: 0.568 ng/ul
RT: 12.006 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:142	Resp:	5614
Ion Ratio	Lower	Upper
142	100	
141	89.9	71.4 107.0





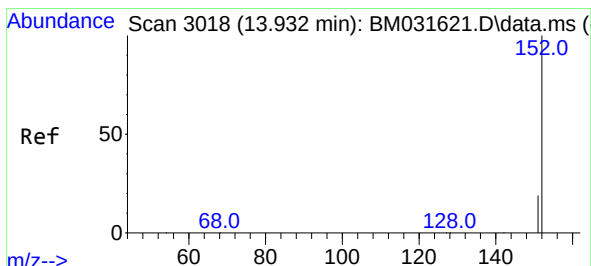
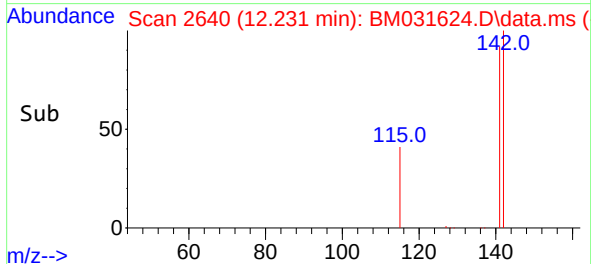
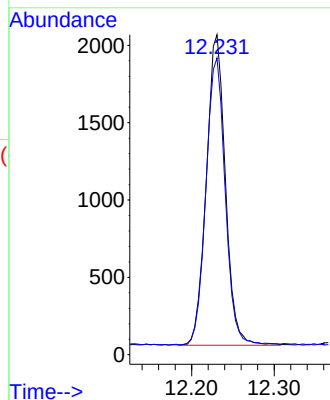
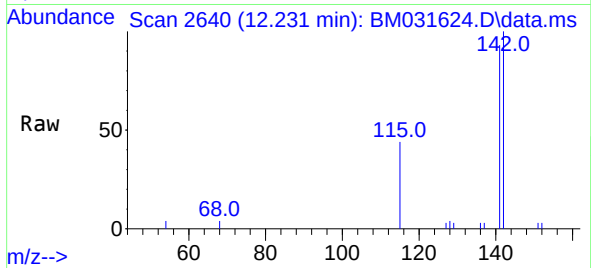
#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.231 min Scan# 2640
Delta R.T. -0.001 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:142 Resp: 3221
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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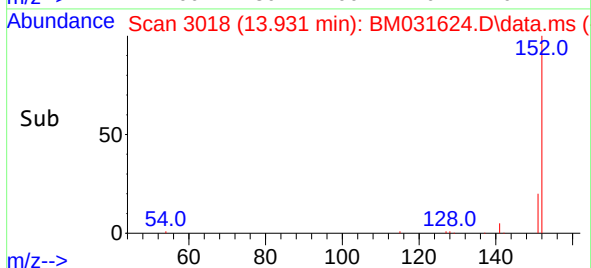
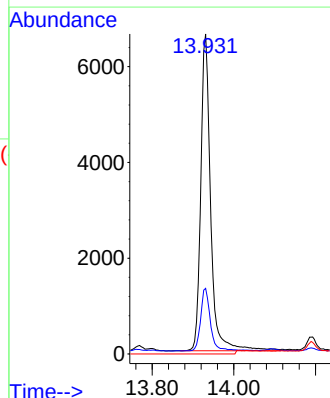
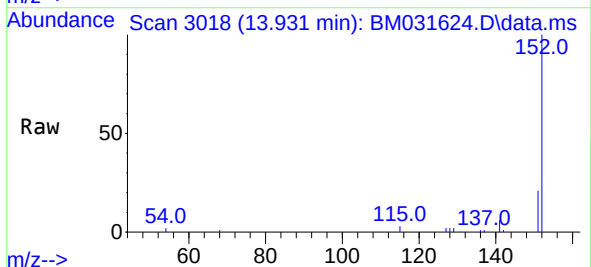
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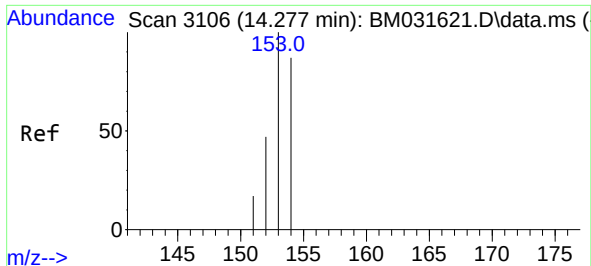
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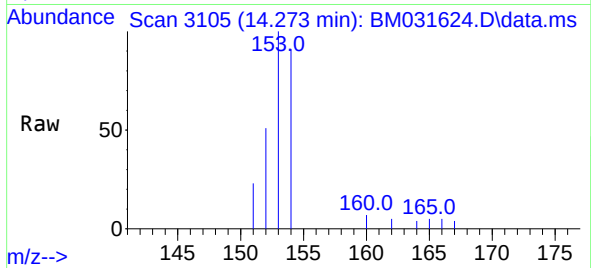
#10
Acenaphthylene
Concen: 0.882 ng/ul
RT: 13.931 min Scan# 3018
Delta R.T. -0.001 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:152 Resp: 10409
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0

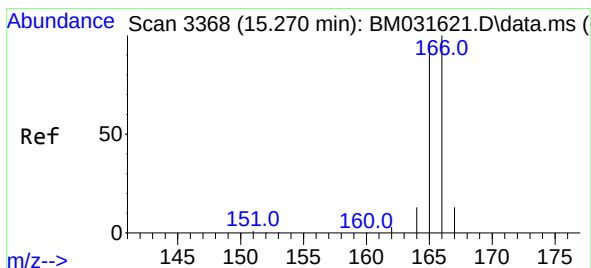
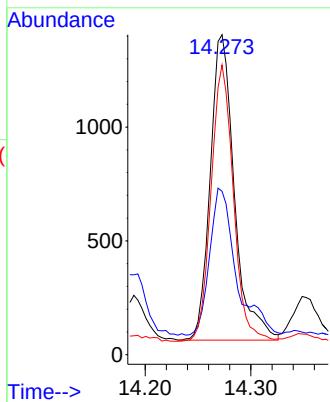
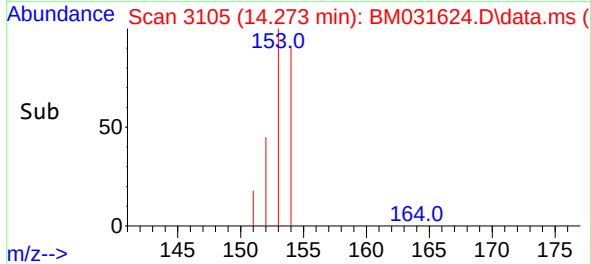




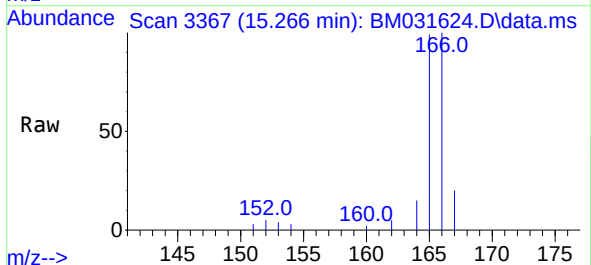
#11
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



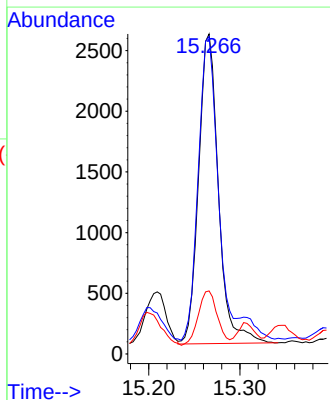
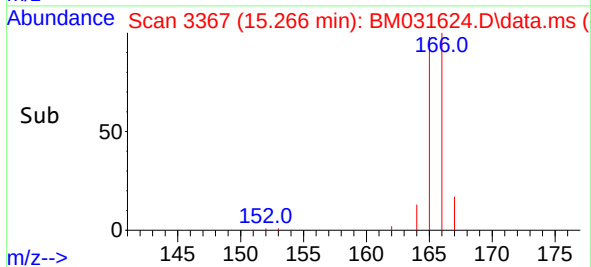
Tgt Ion:153 Resp: 2136
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 90.5 70.2 105.2



#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



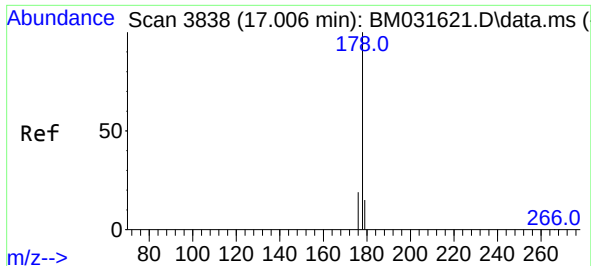
Tgt Ion:166 Resp: 3853
Ion Ratio Lower Upper
166 100
165 99.2 78.0 117.0
167 19.7 12.0 18.0#



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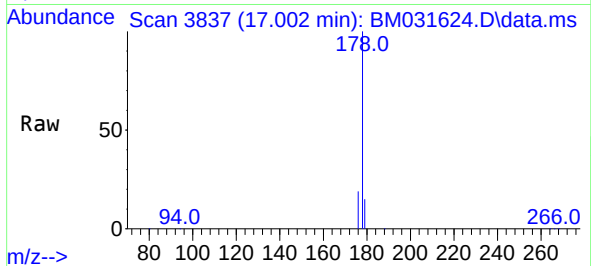
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#15
Phenanthrene
Concen: 4.819 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

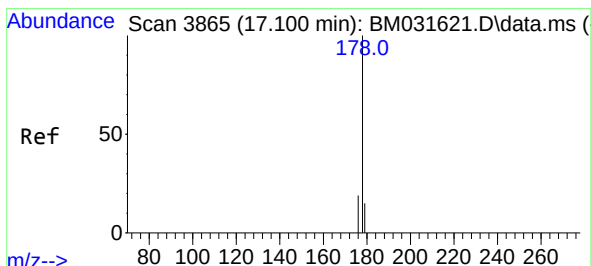
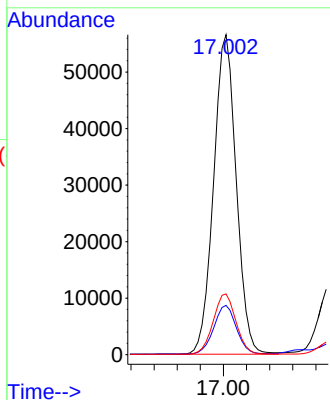
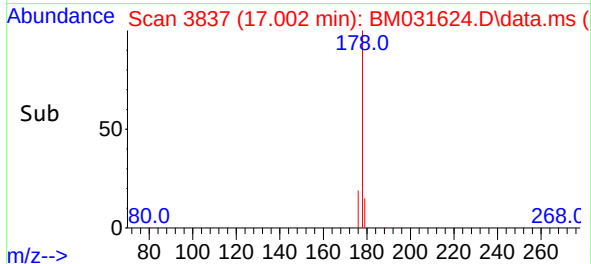
Instrument :
BNA_M
ClientSampled :
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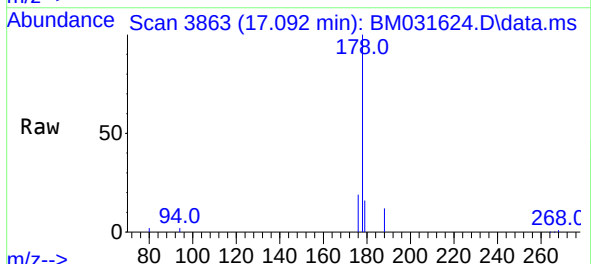
Tgt Ion:178 Resp: 77007
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4

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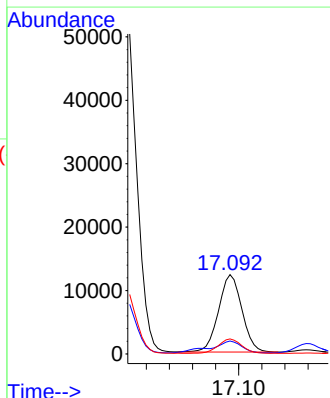
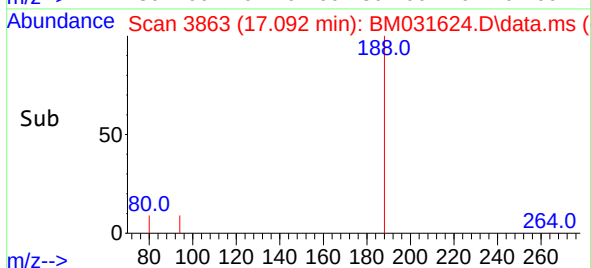
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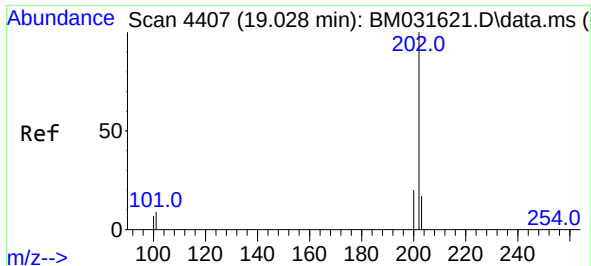


#16
Anthracene
Concen: 1.149 ng/u1
RT: 17.092 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



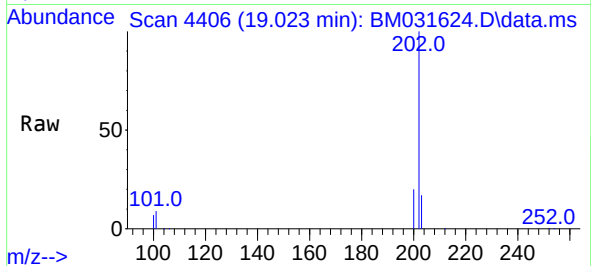
Tgt Ion:178 Resp: 17196
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 10.198 ng/u1
RT: 19.023 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

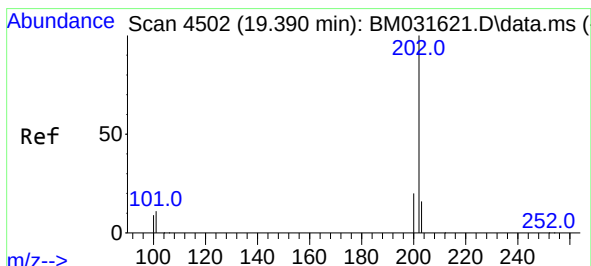
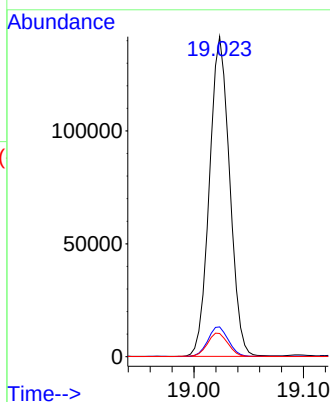
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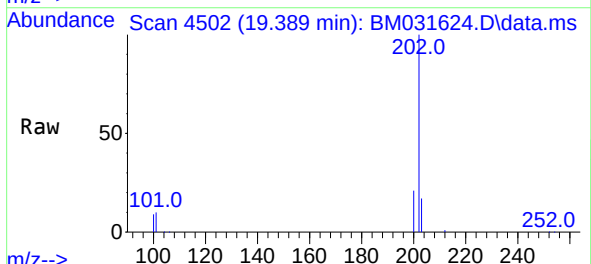
Tgt Ion:202 Resp: 181462
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.3 5.4 8.0

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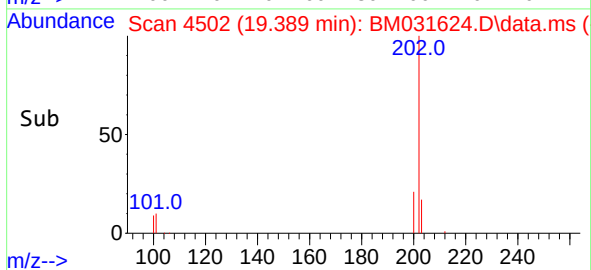
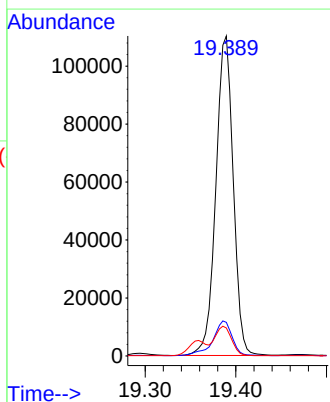
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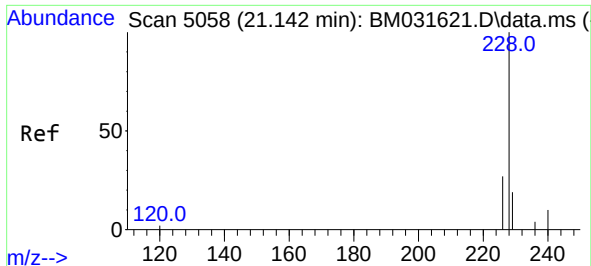


#20
Pyrene
Concen: 8.129 ng/u1
RT: 19.389 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



Tgt Ion:202 Resp: 146702
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.6
100 8.7 6.6 10.0





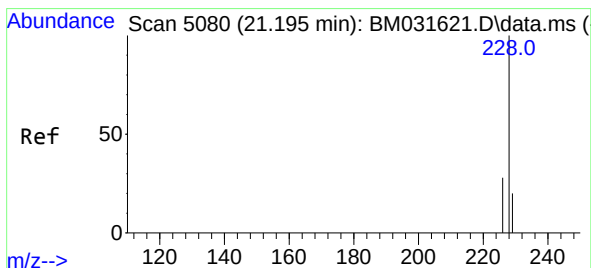
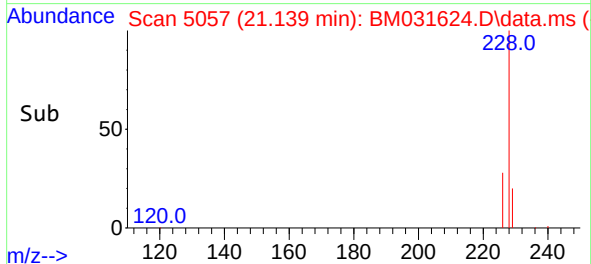
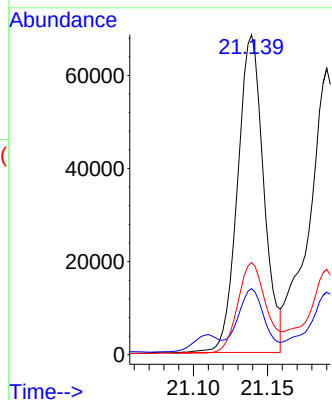
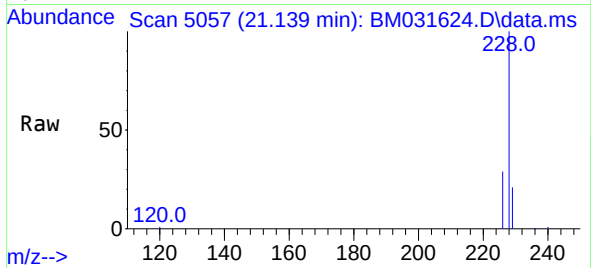
#21
Benzo(a)anthracene
Concen: 4.968 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.008 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:228	Resp:	83595
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	28.8	21.7 32.5

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C00B3

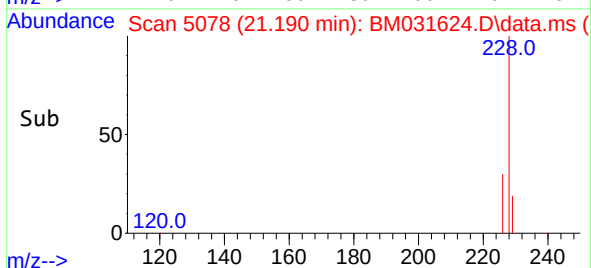
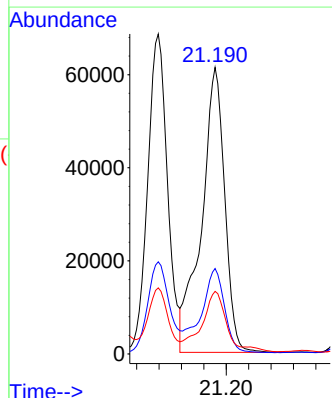
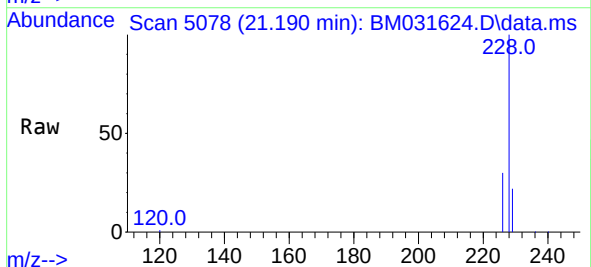
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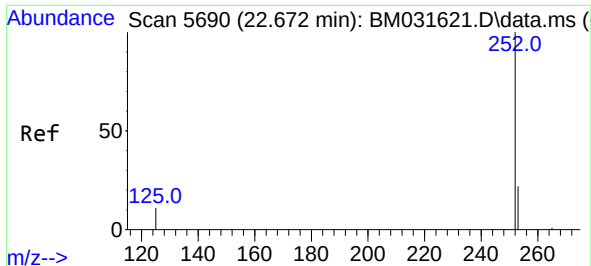
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#22
Chrysene
Concen: 5.081 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion:228	Resp:	88455
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	21.9	16.2 24.2





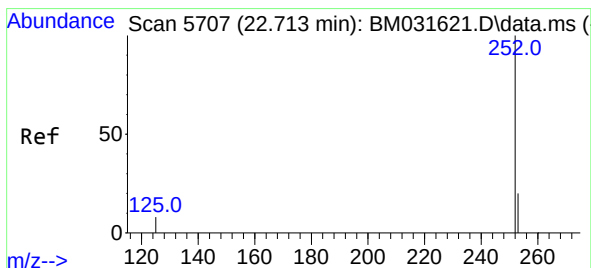
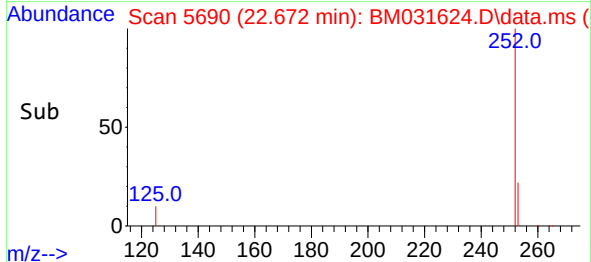
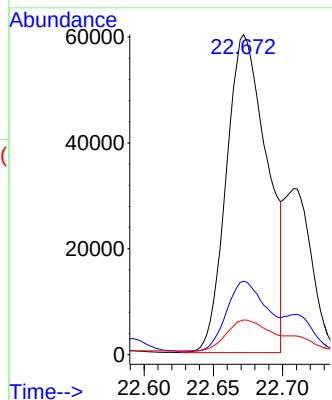
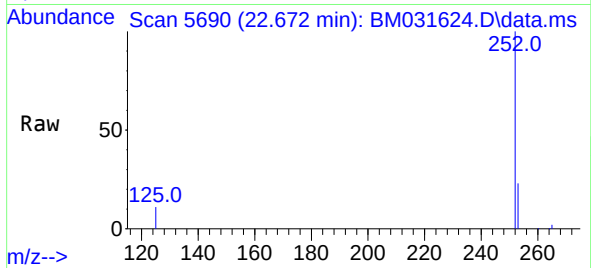
#24
Benzo(b)fluoranthene
Concen: 6.736 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.0
125	10.8	0.0	22.8

Instrument :
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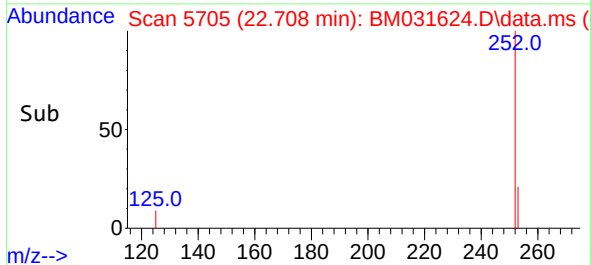
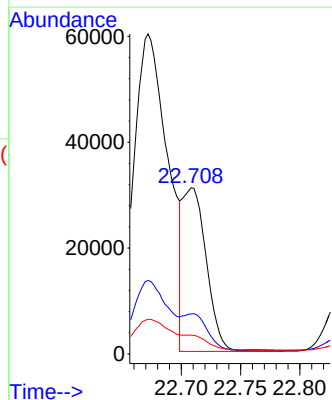
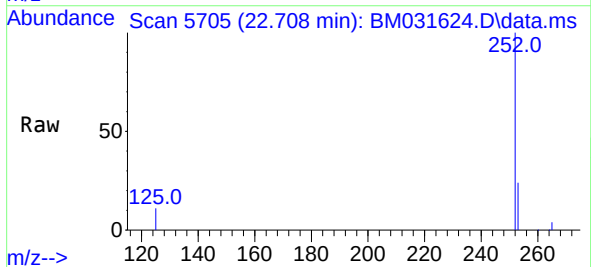
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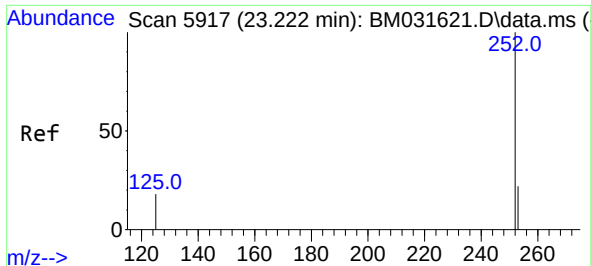
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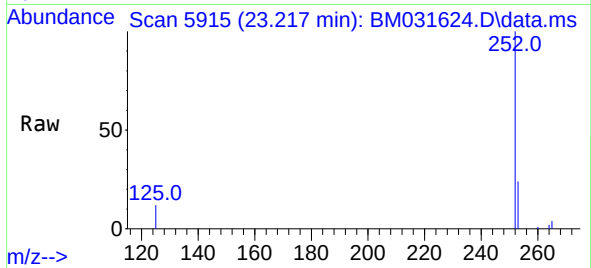
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Benzo(k)fluoranthene
Concen: 2.291 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.3	31.9
125	11.4	8.8	13.2

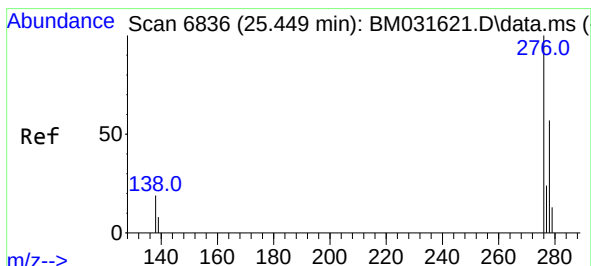
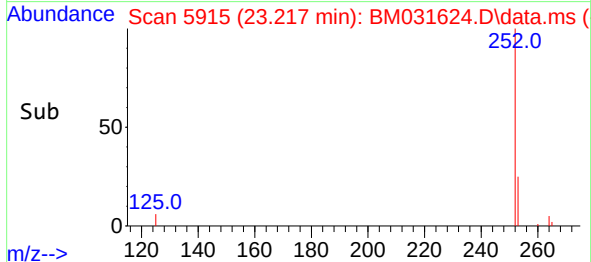
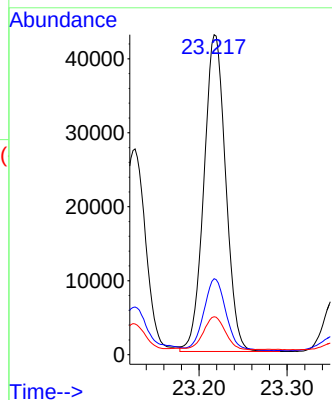




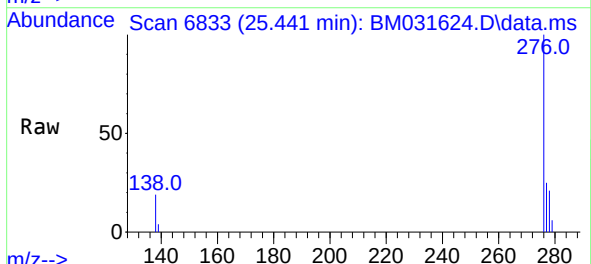
#26
Benzo(a)pyrene
Concen: 4.617 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.008 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



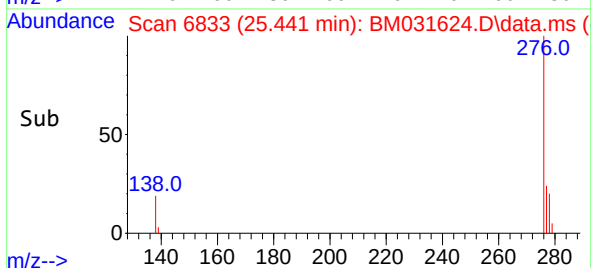
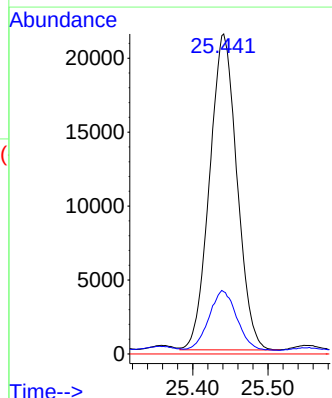
Tgt Ion:252 Resp: 73556
Ion Ratio Lower Upper
252 100
253 23.7 22.4 33.6
125 11.9 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.623 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.012 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28



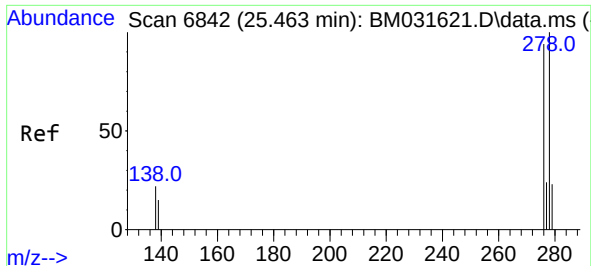
Tgt Ion:276 Resp: 54034
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00B3

Manual Integrations
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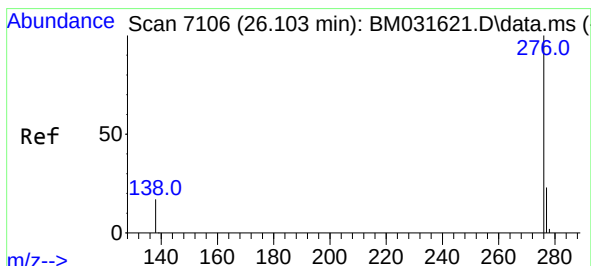
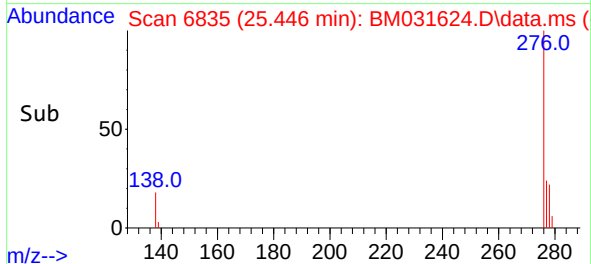
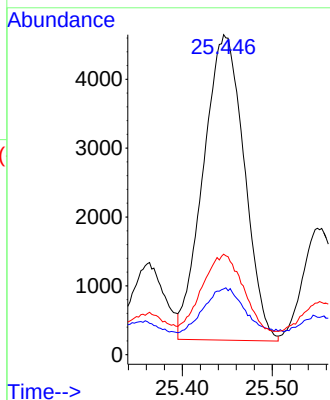
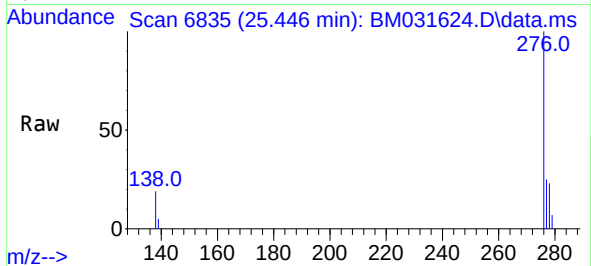
#28
Dibenzo(a,h)anthracene
Concen: 0.844 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.022 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion: 278 Resp: 14009
Ion Ratio Lower Upper
278 100
139 20.5 13.3 19.9#
279 31.4 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C00B3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.673 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.005 min
Lab File: BM031624.D
Acq: 10 Aug 2021 04:28

Tgt Ion: 276 Resp: 11826
Ion Ratio Lower Upper
276 100
138 23.9 15.4 23.2#
277 26.9 19.9 29.9

