

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031625.D
 Acq On : 10 Aug 2021 05:05
 Operator : CG/JU
 Sample : M3169-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B1

Manual Integrations
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 8/10/2021 4:36:52 PM

Quant Time: Aug 10 06:05:33 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 : 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	1380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5056	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.208	164	2941	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5306	0.400	ng/ul #	0.00
17) Chrysene-d12	21.154	240	4223	0.400	ng/ul #	0.00
23) Perylene-d12	23.312	264	4149	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	3544	2.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1451	0.170	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	2906	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	10008	0.665	ng/ul	98
7) 2-Methylnaphthalene	12.007	142	7136	0.694	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	4325	0.425	ng/ul	99
10) Acenaphthylene	13.932	152	14407	1.150	ng/ul	98
11) Acenaphthene	14.273	153	1768	0.168	ng/ul	96
12) Fluorene	15.266	166	5098	0.420	ng/ul#	95
15) Phenanthrene	17.002	178	87080	5.168	ng/ul	97
16) Anthracene	17.093	178	22214	1.408	ng/ul	99
19) Fluoranthene	19.024	202	174547	9.680	ng/ul	98
20) Pyrene	19.386	202	146888	8.031	ng/ul	97
21) Benzo(a)anthracene	21.137	228	75321	4.417	ng/ul	97
22) Chrysene	21.190	228	77776	4.408	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	104913m	5.612	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	33929m	1.757	ng/ul	
26) Benzo(a)pyrene	23.217	252	67159	4.102	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.441	276	50115	2.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.448	278	12409	0.728	ng/ul#	90
29) Benzo(g,h,i)perylene	26.093	276	17482	0.968	ng/ul	96

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

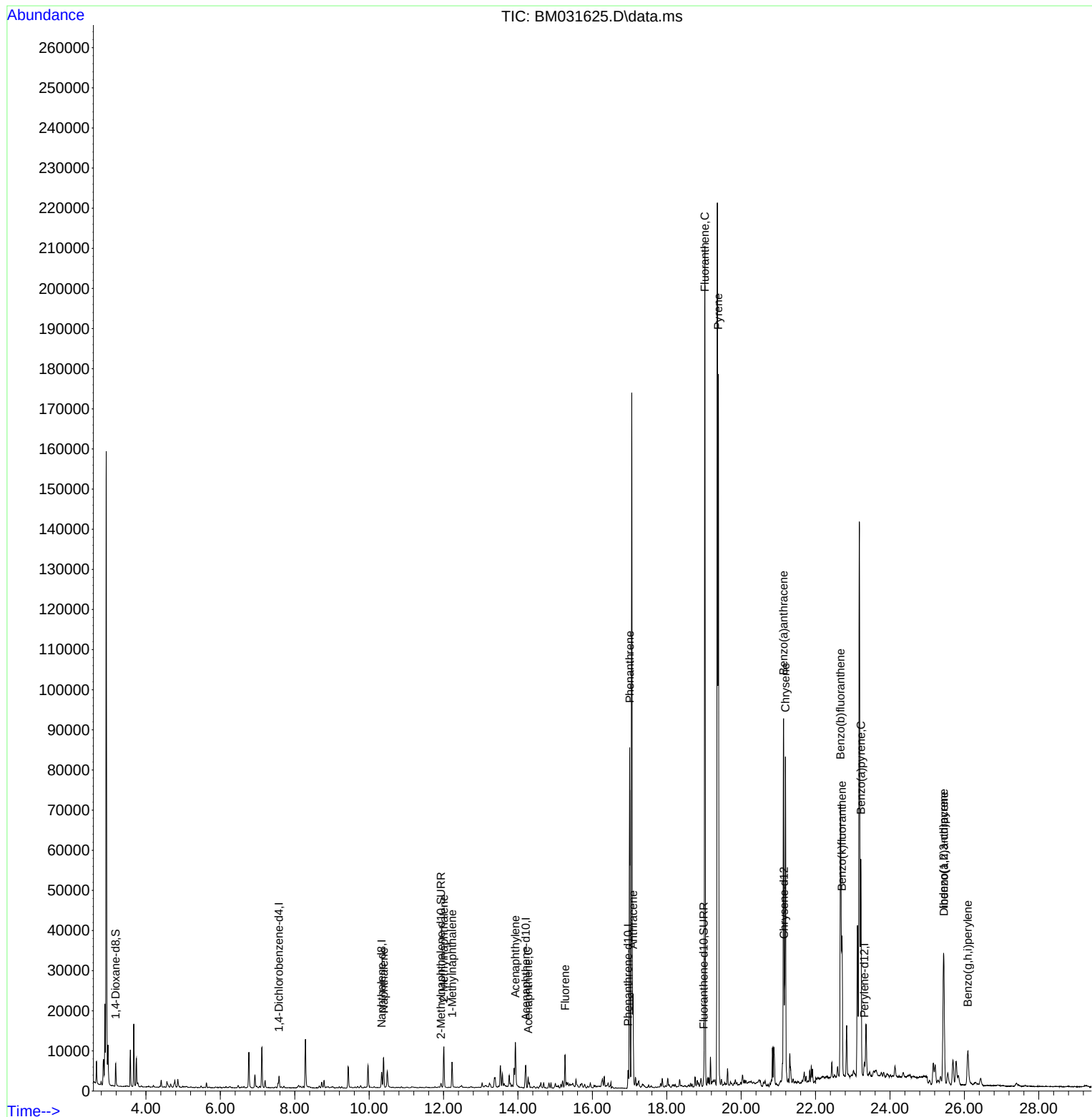
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031625.D
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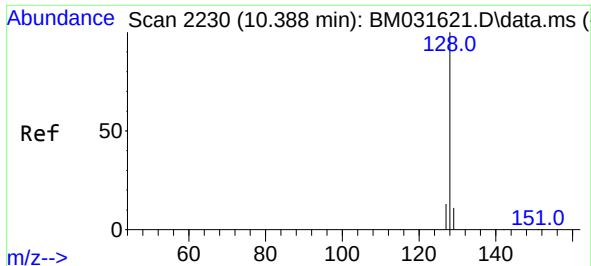
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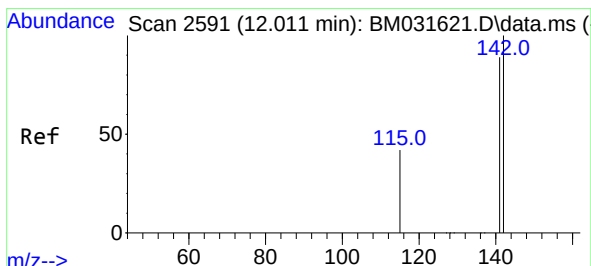
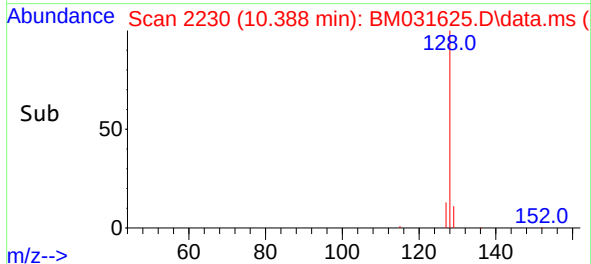
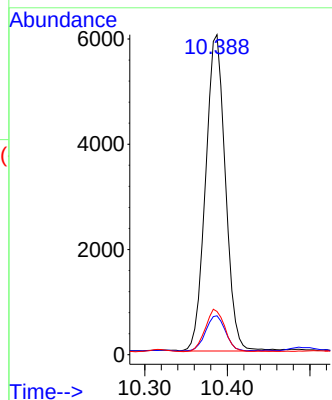
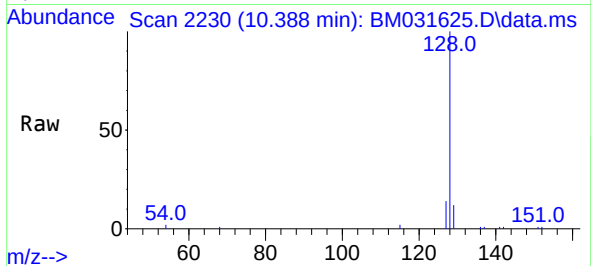
#5
Naphthalene
Concen: 0.665 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:	128	Resp:	10008
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.0	15.0
127	13.5	11.6	17.4

Instrument :
BNA_M
ClientSampled :
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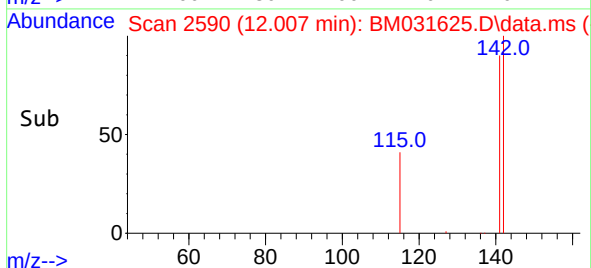
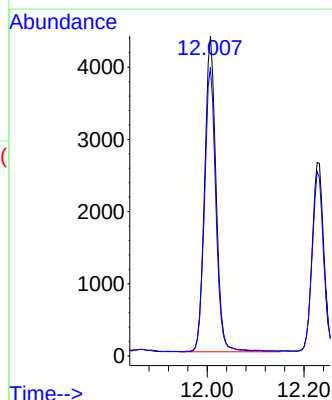
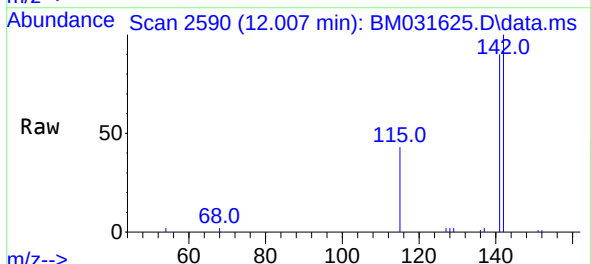
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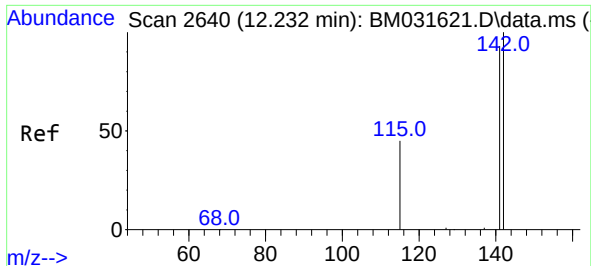
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#7
2-Methylnaphthalene
Concen: 0.694 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:	142	Resp:	7136
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.0





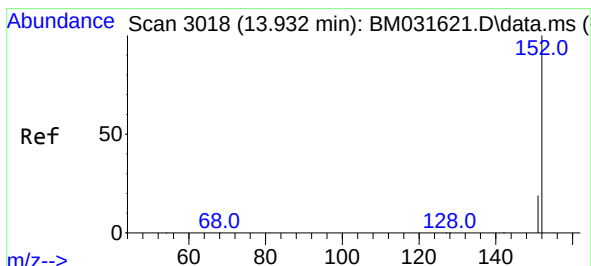
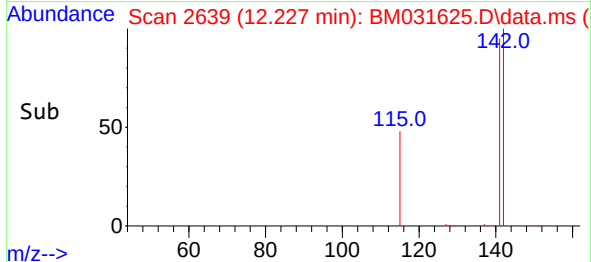
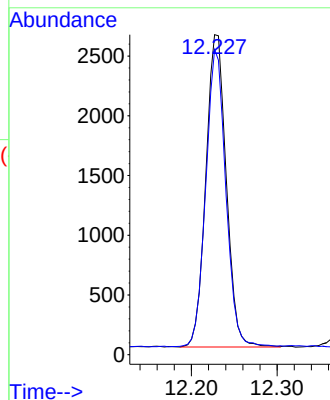
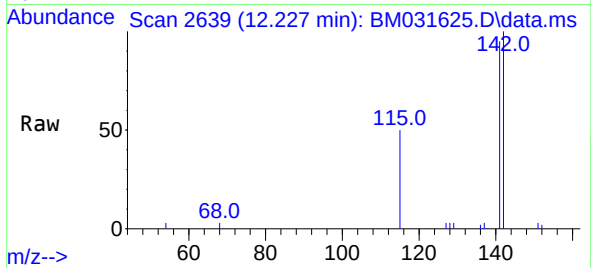
#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:142 Resp: 4325
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

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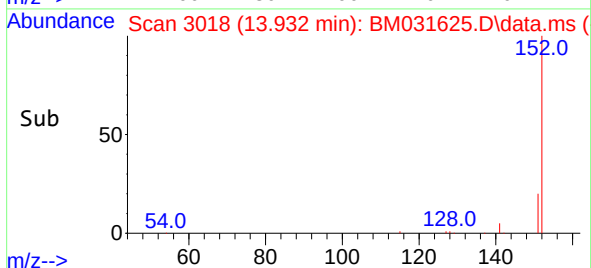
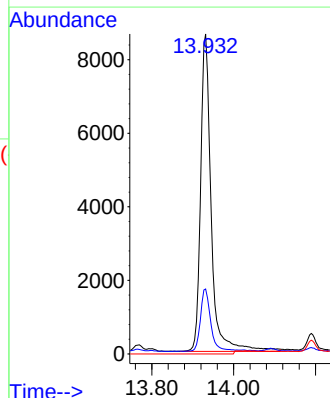
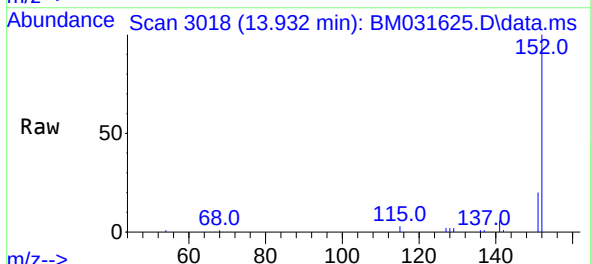
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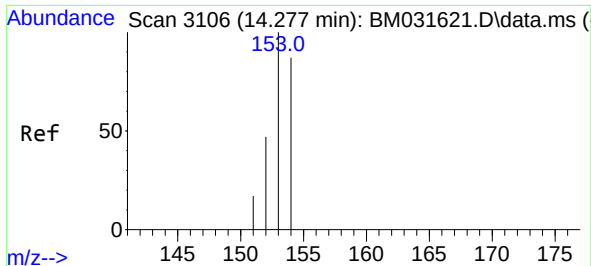
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#10
Acenaphthylene
Concen: 1.150 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

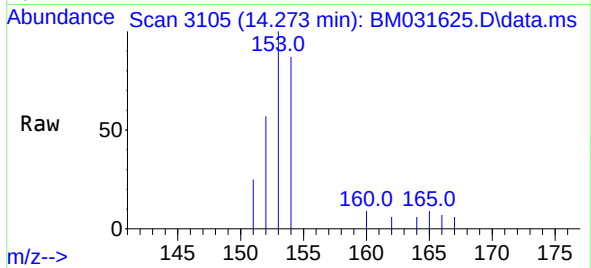
Tgt Ion:152 Resp: 14407
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

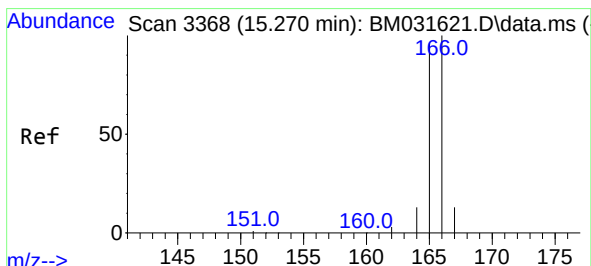
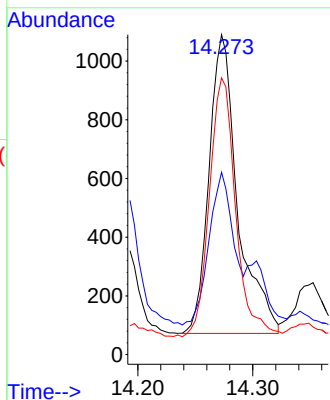
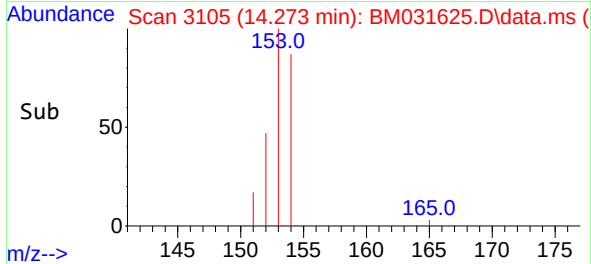
Instrument :
BNA_M
ClientSampled :
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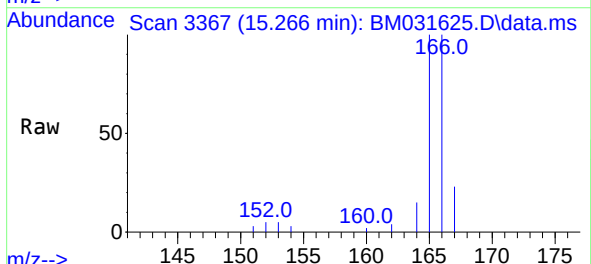
Tgt Ion:153 Resp: 1768
Ion Ratio Lower Upper
153 100
152 57.0 40.7 61.1
154 86.5 70.2 105.2

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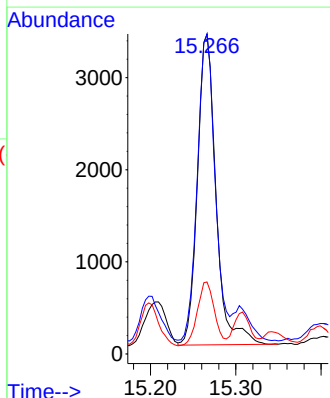
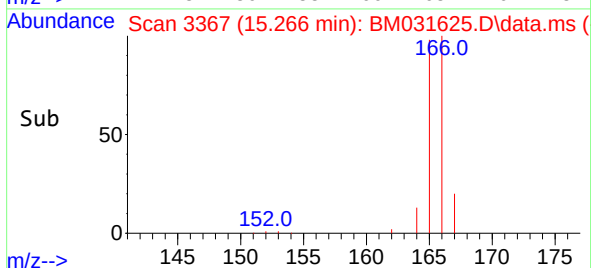
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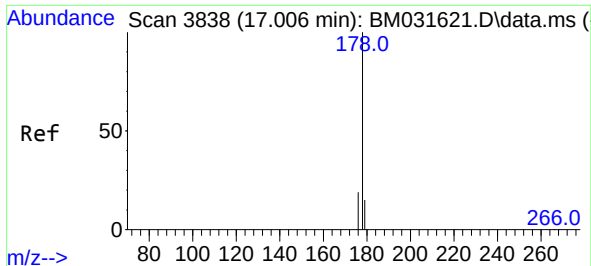


#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05



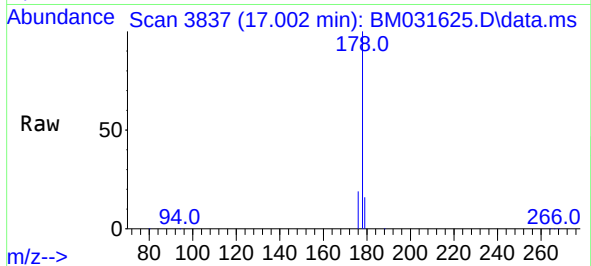
Tgt Ion:166 Resp: 5098
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 22.5 12.0 18.0#





#15
Phenanthrene
Concen: 5.168 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

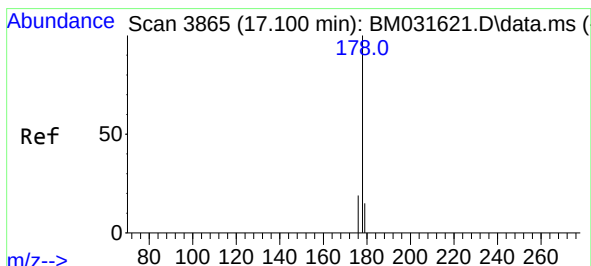
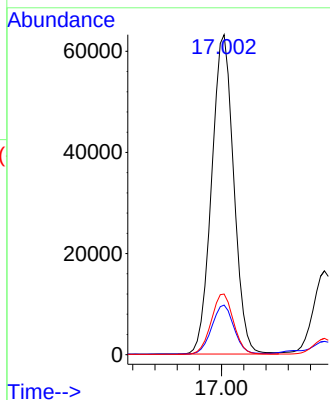
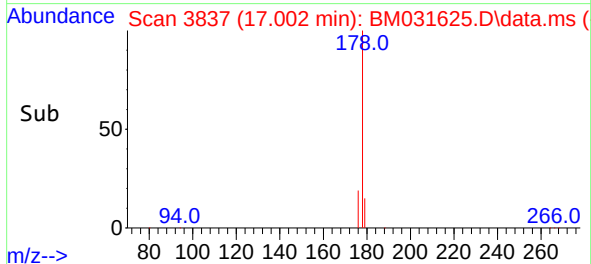
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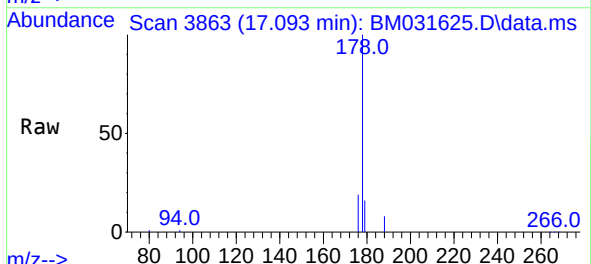
Tgt Ion:178 Resp: 87080
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.2 24.4

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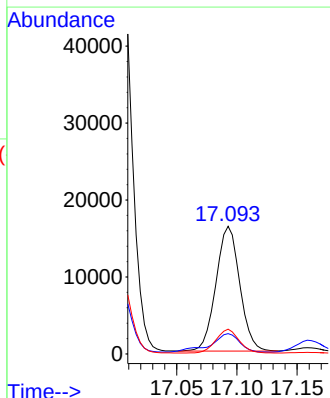
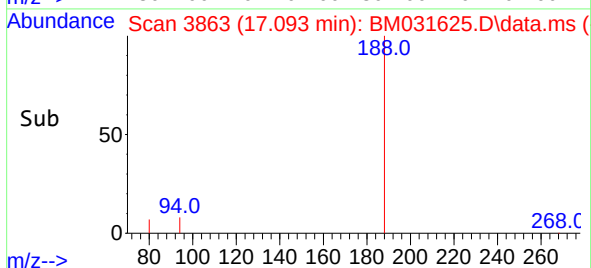
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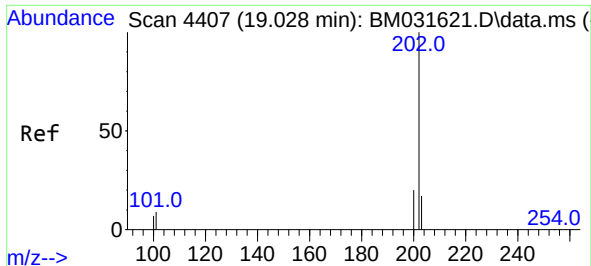


#16
Anthracene
Concen: 1.408 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

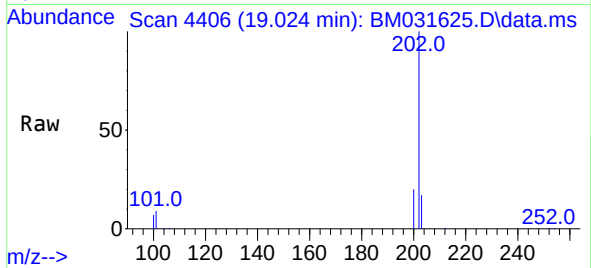


Tgt Ion:178 Resp: 22214
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.5 15.6 23.4

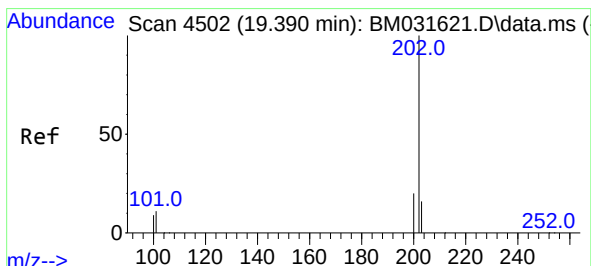
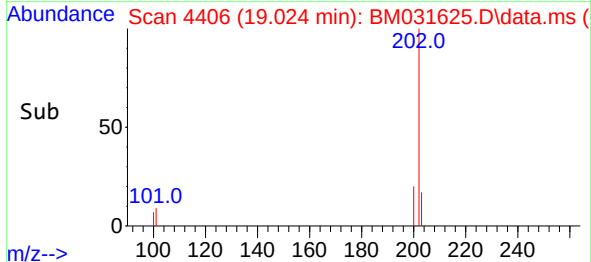
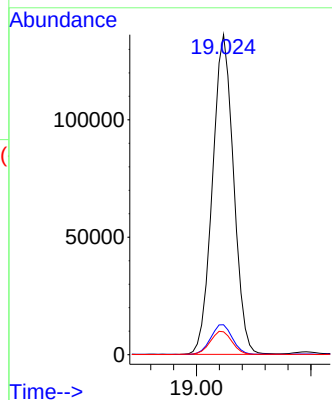




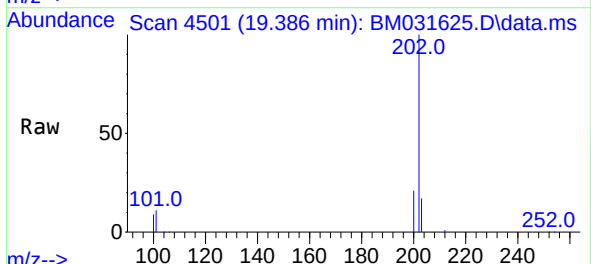
#19
Fluoranthene
Concen: 9.680 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05



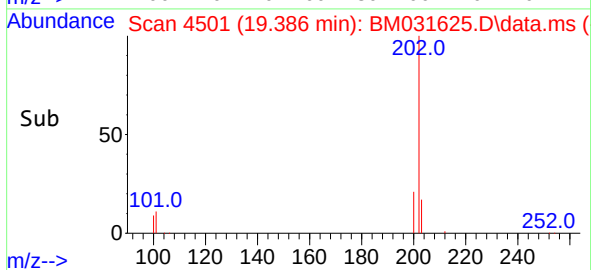
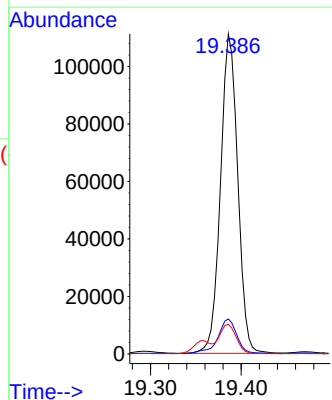
Tgt Ion:202 Resp: 174547
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 8.031 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05



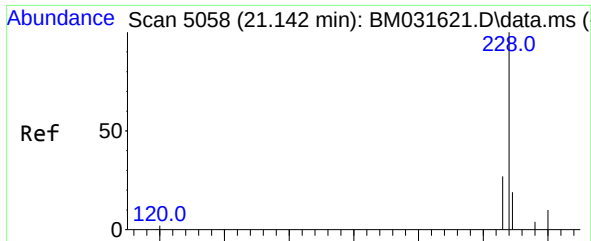
Tgt Ion:202 Resp: 146888
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.3 6.6 10.0



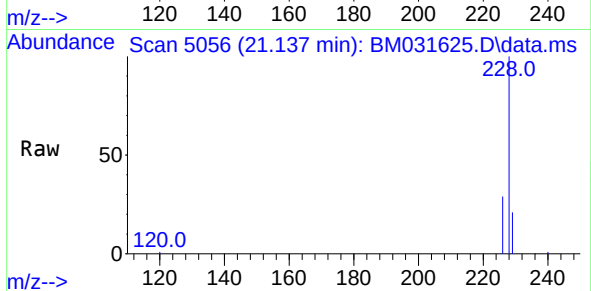
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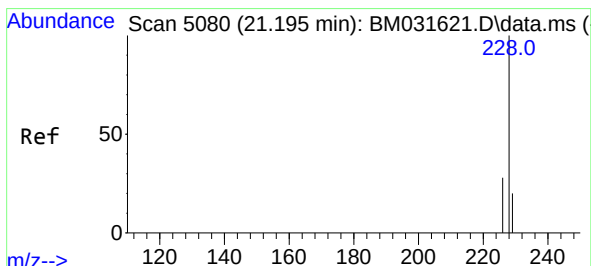
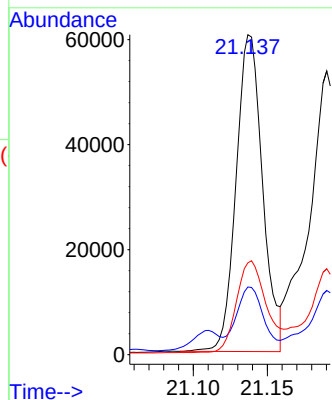
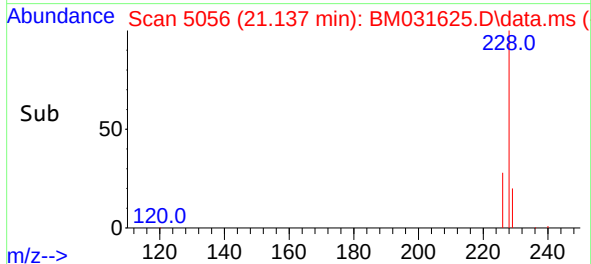
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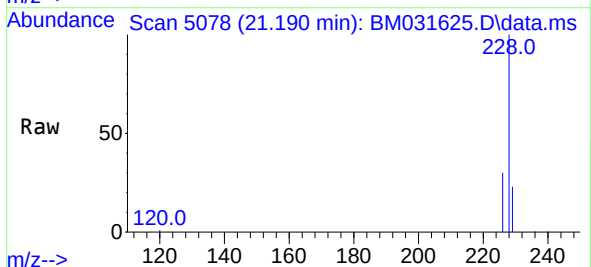
#21
Benzo(a)anthracene
Concen: 4.417 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.010 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05



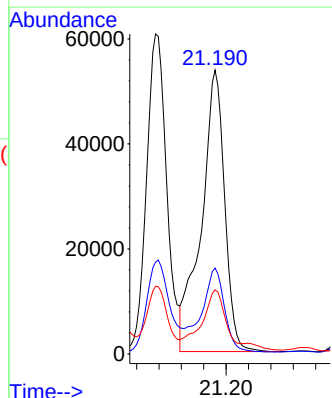
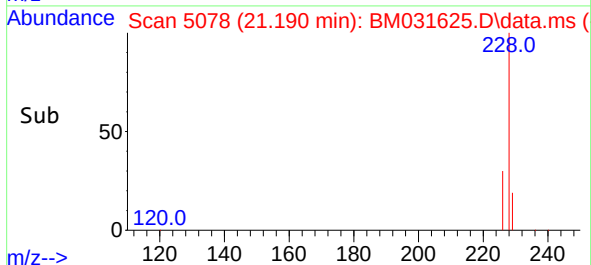
Tgt Ion:228 Resp: 75321
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.7 21.7 32.5



#22
Chrysene
Concen: 4.408 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05



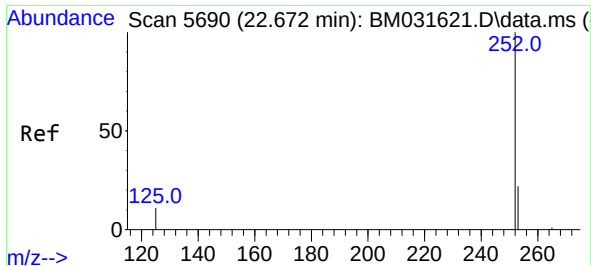
Tgt Ion:228 Resp: 77776
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 22.6 16.2 24.2



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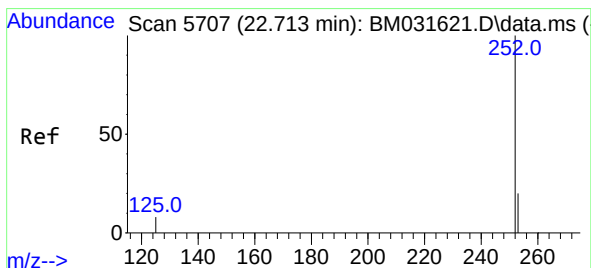
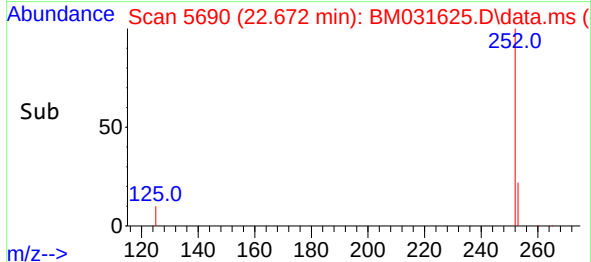
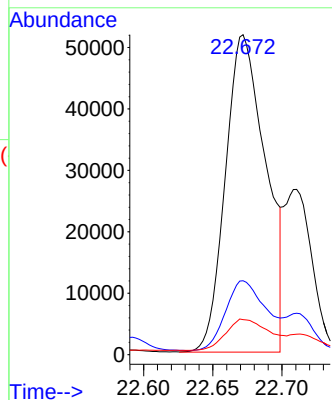
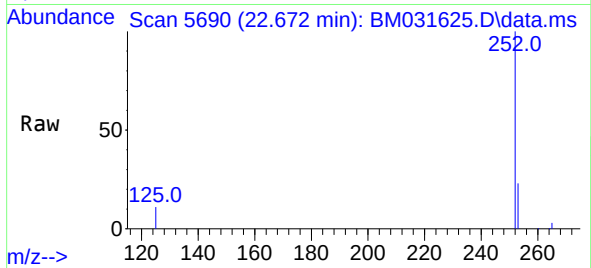
#24
Benzo(b)fluoranthene
Concen: 5.612 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:252 Resp: 104913
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.0
125 11.0 0.0 22.8

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C00B1

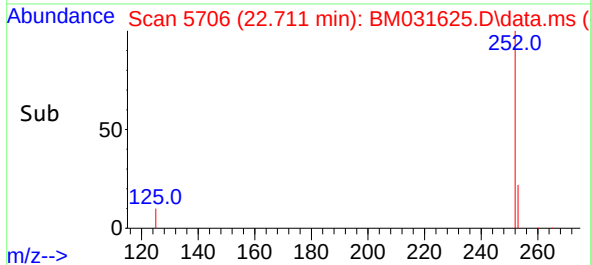
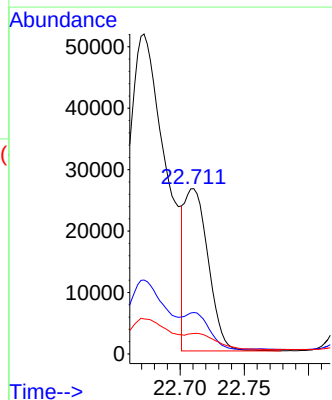
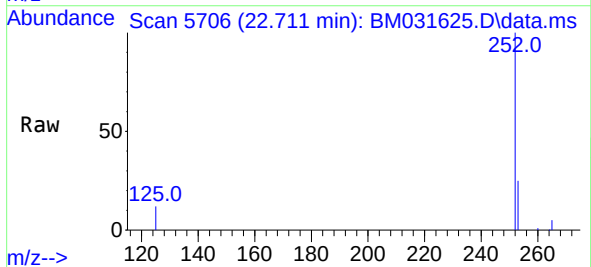
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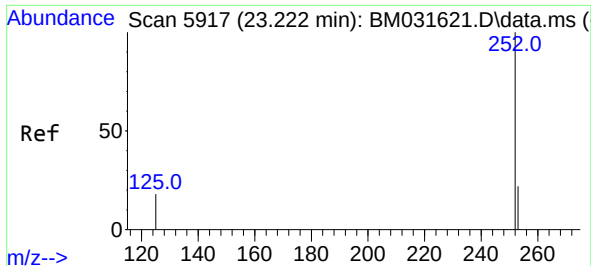
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#25
Benzo(k)fluoranthene
Concen: 1.757 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:252 Resp: 33929
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 12.4 8.8 13.2





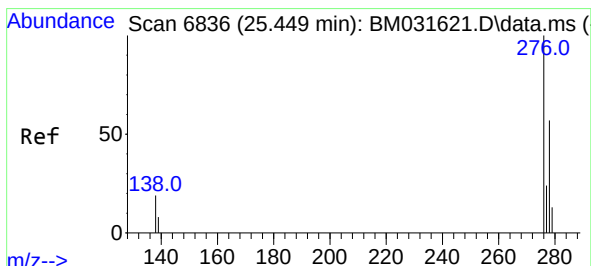
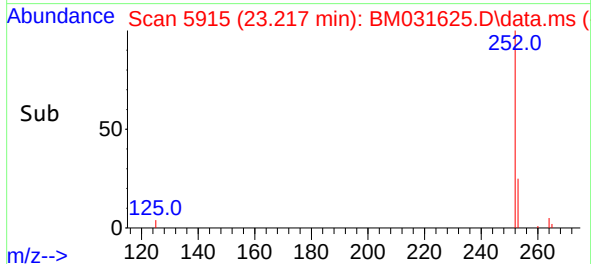
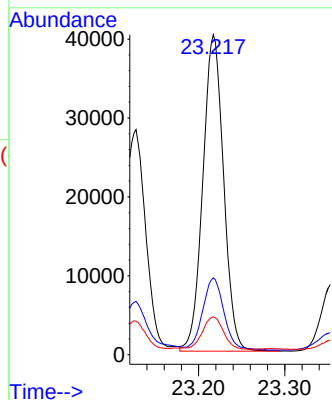
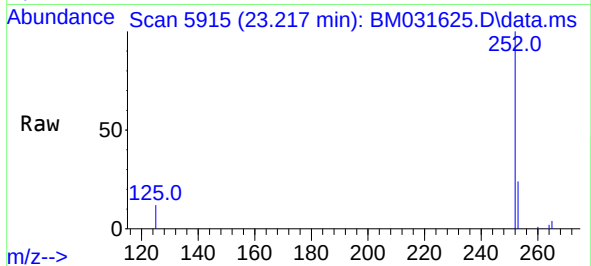
#26
Benzo(a)pyrene
Concen: 4.102 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.007 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:	252	Resp:	67159
Ion Ratio	Lower	Upper	
252	100		
253	24.0	22.4	33.6
125	11.8	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C00B1

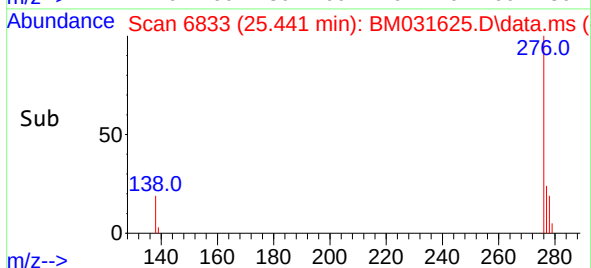
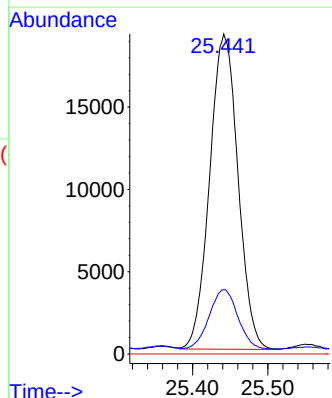
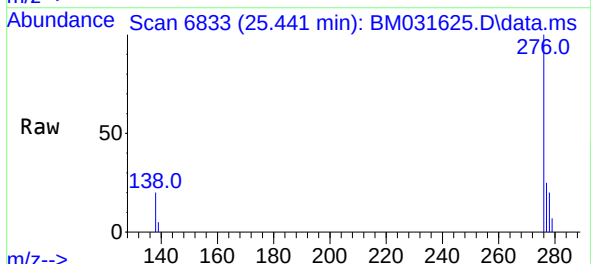
Manual Integrations
APPROVED

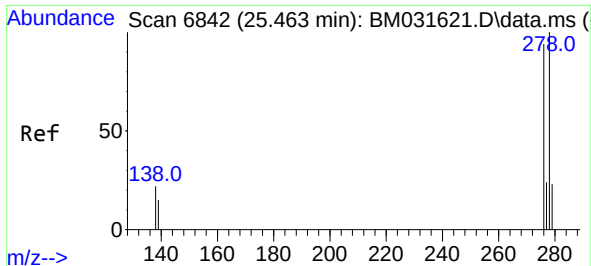
mohammad
8/10/2021 4:36:52 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.368 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.012 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion:	276	Resp:	50115
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.8
227	0.0	0.0	0.0





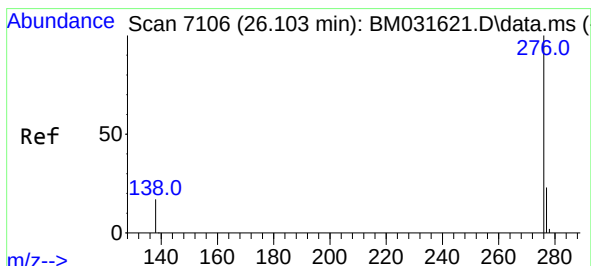
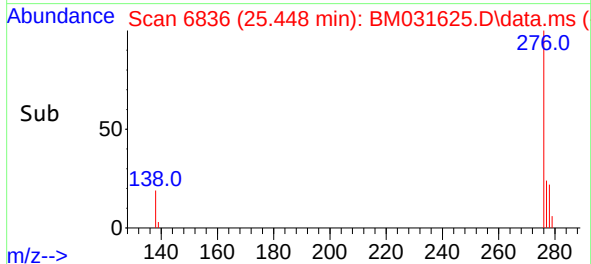
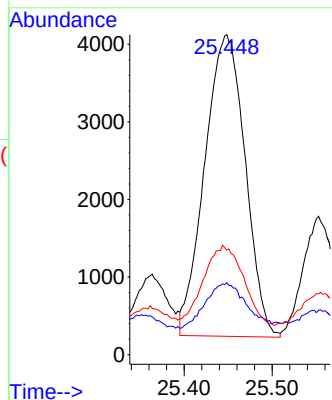
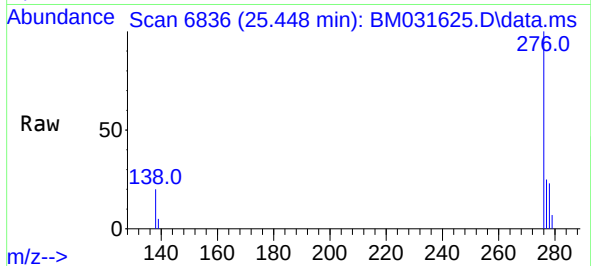
#28
Dibenzo(a,h)anthracene
Concen: 0.728 ng/ul
RT: 25.448 min Scan# 6836
Delta R.T. -0.020 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion: 278 Resp: 12409
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9#
279 32.6 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C00B1

Manual Integrations
APPROVED

mohammad
8/10/2021 4:36:52 PM



#29
Benzo(g,h,i)perylene
Concen: 0.968 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.005 min
Lab File: BM031625.D
Acq: 10 Aug 2021 05:05

Tgt Ion: 276 Resp: 17482
Ion Ratio Lower Upper
276 100
138 22.3 15.4 23.2
277 26.1 19.9 29.9

