

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031535.D
 Acq On : 07 Aug 2021 03:45
 Operator : CG/JU
 Sample : M3124-18
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0098

Manual Integrations
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Quant Time: Aug 07 05:47:15 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 : Sat Aug 07 05:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4821	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2764	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5284	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4480	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4486	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2322	1.580	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1227	0.151	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	2706	0.181	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	1834	0.128	ng/ul	96
7) 2-Methylnaphthalene	12.016	142	1644	0.168	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	948	0.098	ng/ul	98
10) Acenaphthylene	13.936	152	1875	0.159	ng/ul	94
11) Acenaphthene	14.281	153	226	0.023	ng/ul#	85
12) Fluorene	15.270	166	452	0.040	ng/ul#	83
15) Phenanthrene	17.006	178	15079	0.899	ng/ul	99
16) Anthracene	17.096	178	3347	0.213	ng/ul	97
19) Fluoranthene	19.028	202	51881	2.712	ng/ul	99
20) Pyrene	19.390	202	43427	2.238	ng/ul	98
21) Benzo(a)anthracene	21.139	228	24546	1.357	ng/ul	98
22) Chrysene	21.193	228	27923	1.492	ng/ul	98
24) Benzo(b)fluoranthene	22.672	252	39287m	1.944	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	13171m	0.631	ng/ul	
26) Benzo(a)pyrene	23.220	252	23981	1.355	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.444	276	18060	0.789	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	4473	0.243	ng/ul#	85
29) Benzo(g,h,i)perylene	26.093	276	13920	0.713	ng/ul	98

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

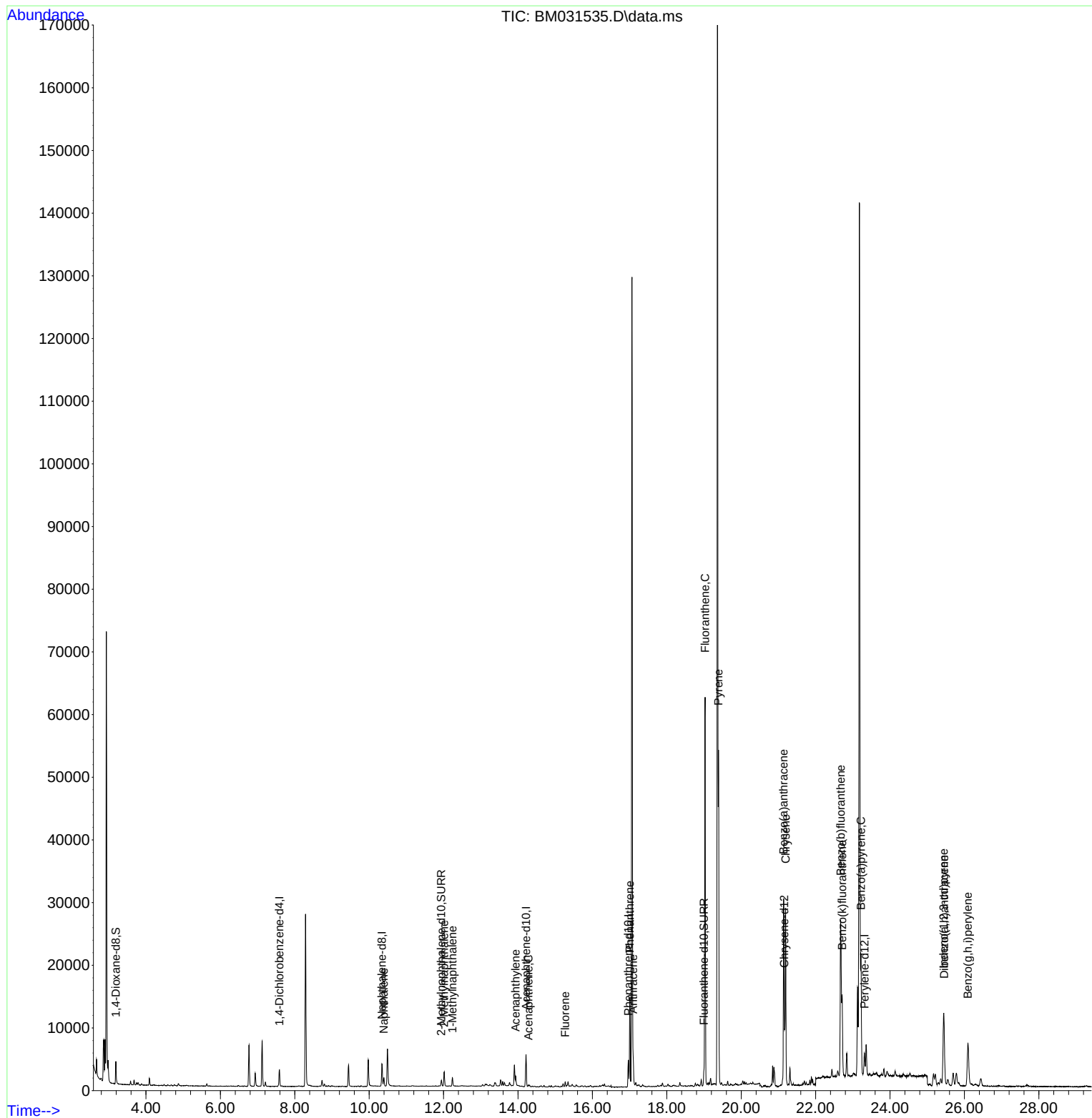
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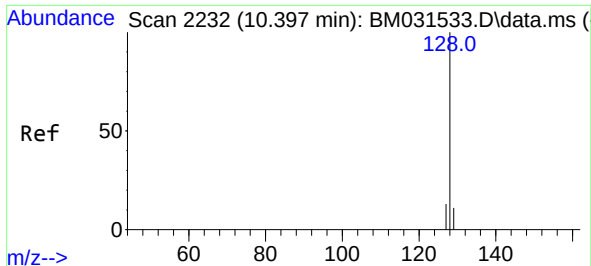
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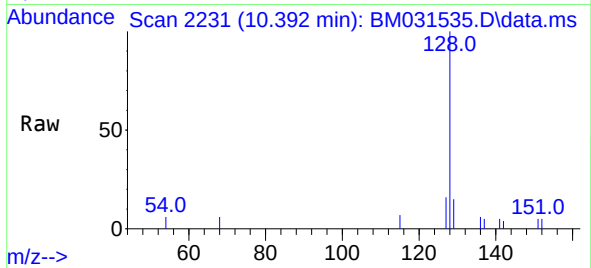
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Response via : Initial Calibration



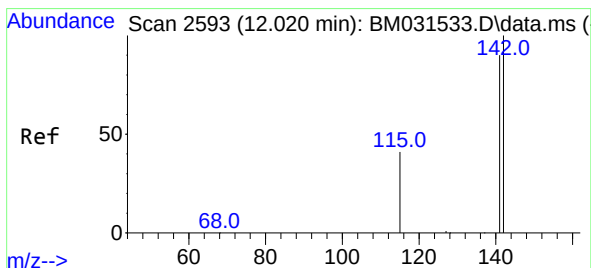
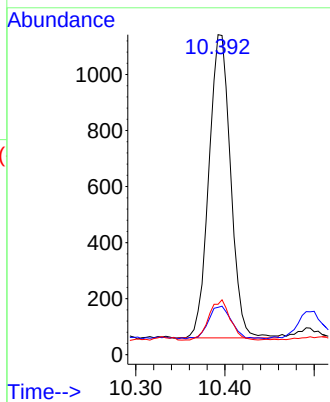
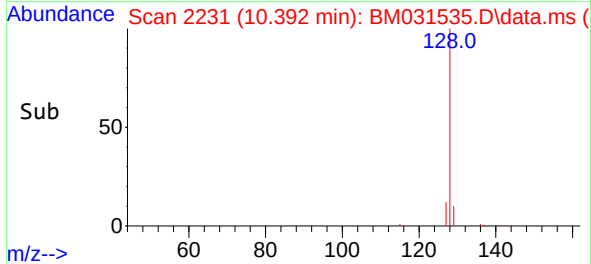


#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

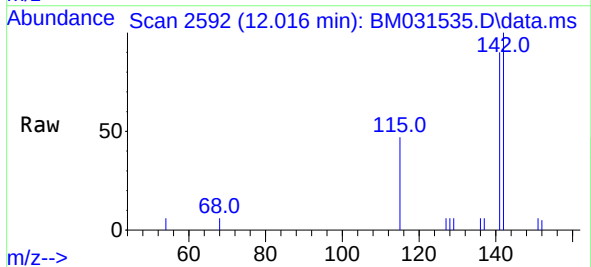


Tgt Ion:128 Resp: 1834

Ion	Ratio	Lower	Upper
128	100		
129	14.8	10.0	15.0
127	15.8	11.6	17.4

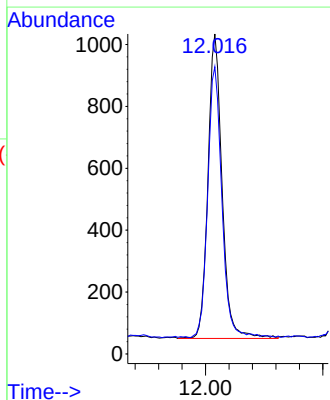
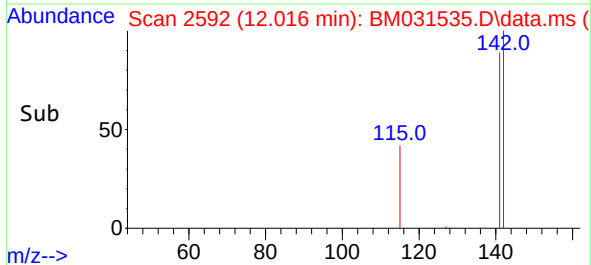


#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



Tgt Ion:142 Resp: 1644

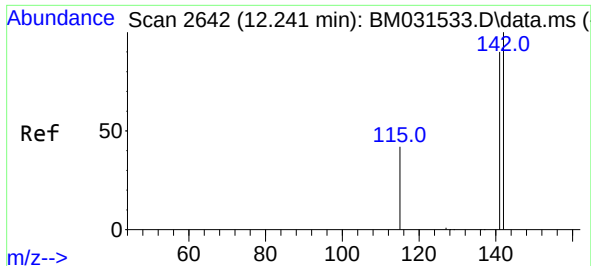
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



Instrument :
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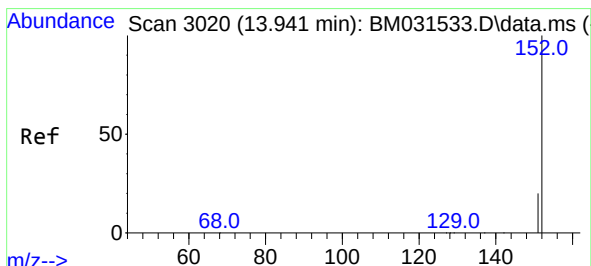
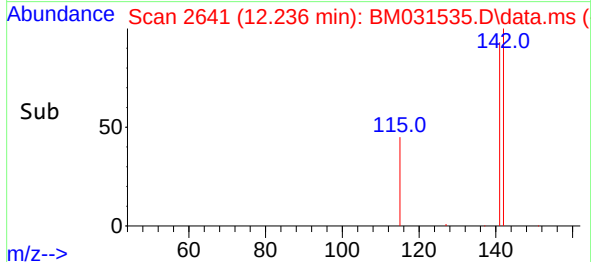
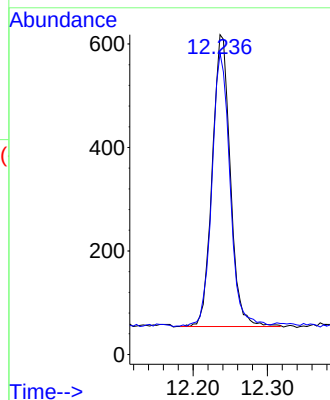
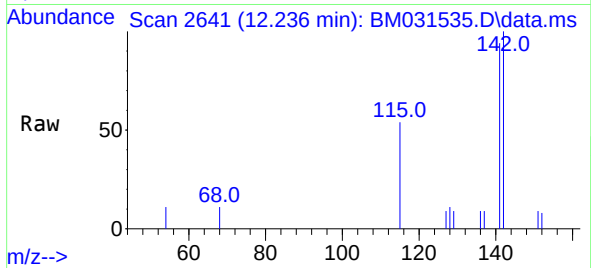
#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:142 Resp: 948
Ion Ratio Lower Upper
142 100
141 94.3 74.1 111.1

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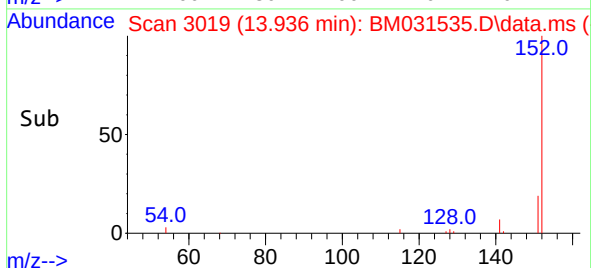
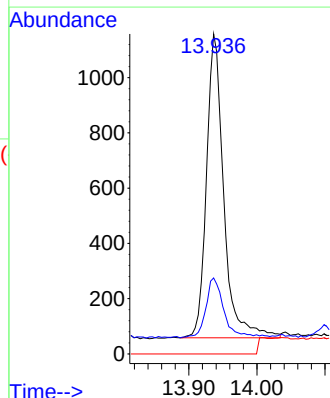
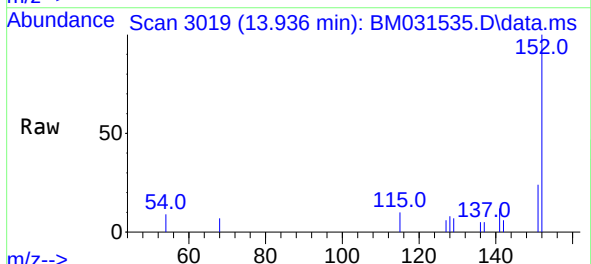
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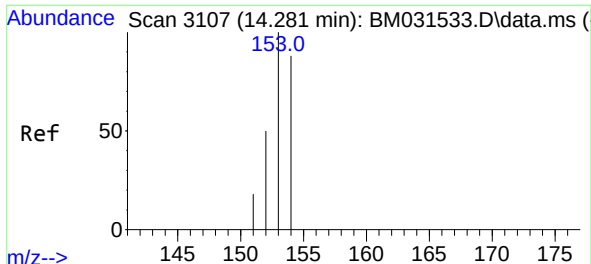
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#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

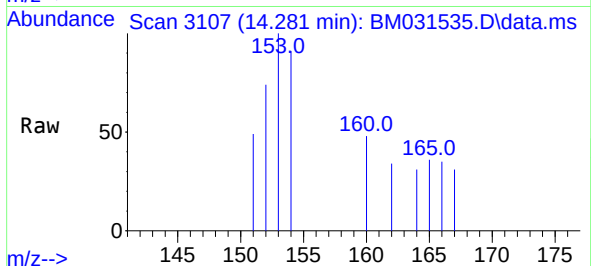
Tgt Ion:152 Resp: 1875
Ion Ratio Lower Upper
152 100
151 23.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

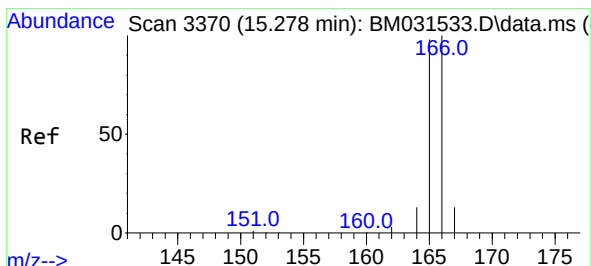
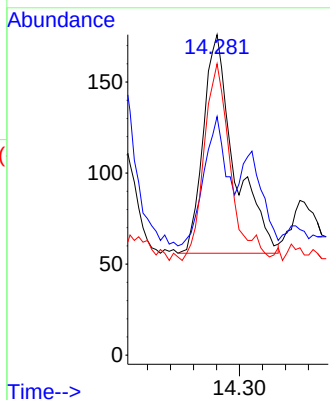
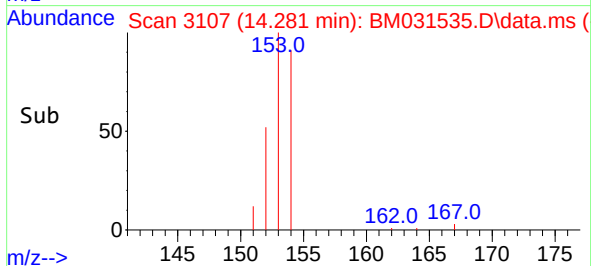
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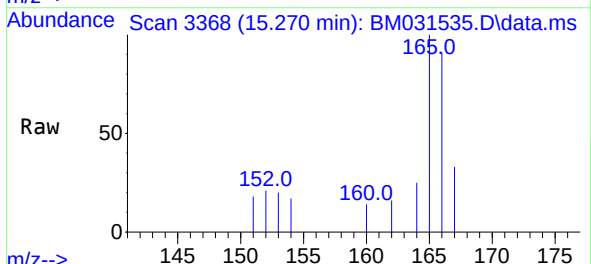
Tgt Ion:153 Resp: 226
Ion Ratio Lower Upper
153 100
152 74.4 40.7 61.1#
154 90.9 70.2 105.2

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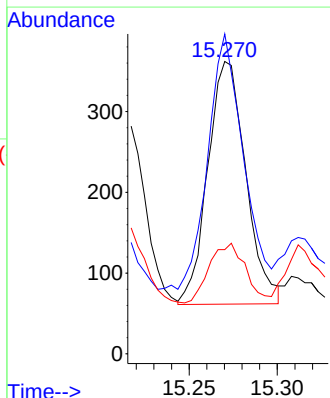
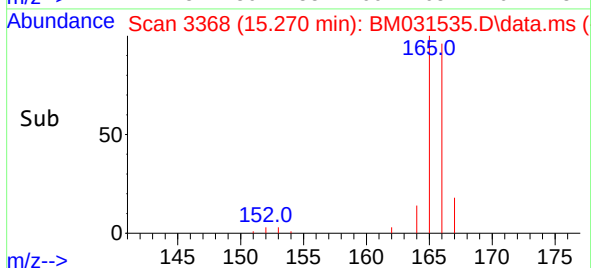
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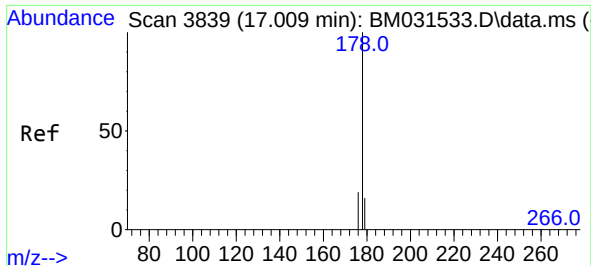


#12
Fluorene
Concen: 0.040 ng/u1
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



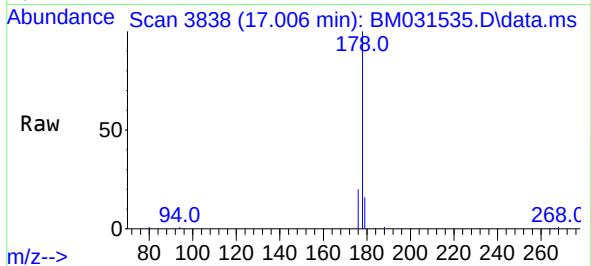
Tgt Ion:166 Resp: 452
Ion Ratio Lower Upper
166 100
165 109.4 78.0 117.0
167 35.6 12.0 18.0#





#15
Phenanthrene
Concen: 0.899 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

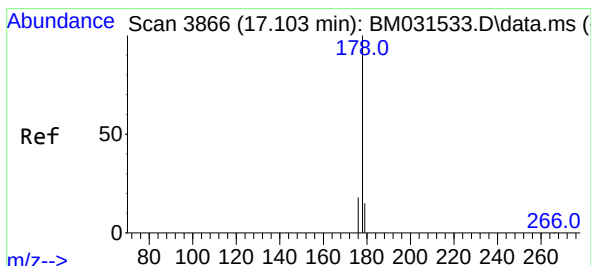
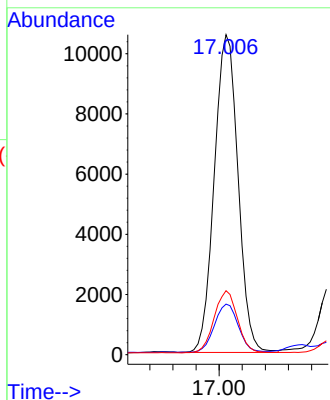
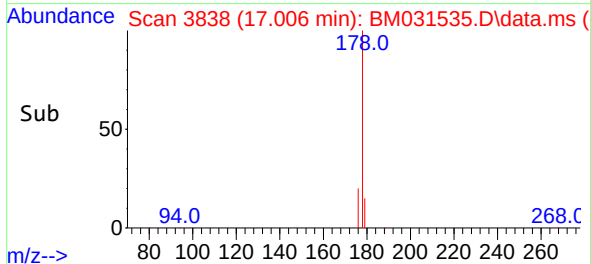
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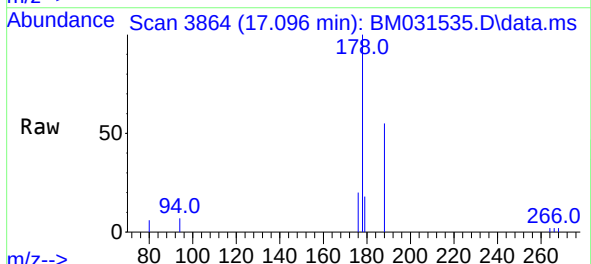
Tgt Ion:178 Resp: 15079
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 20.0 16.2 24.4

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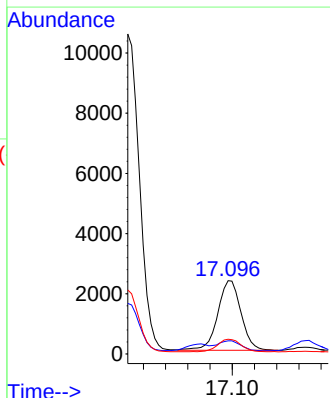
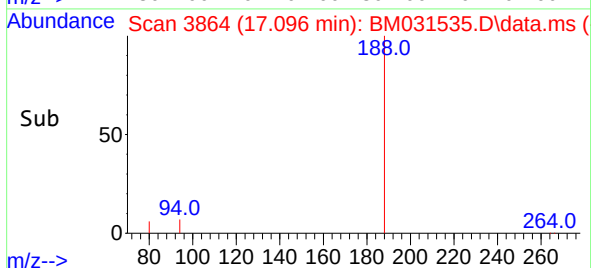
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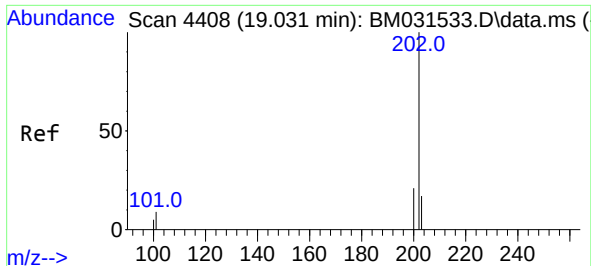


#16
Anthracene
Concen: 0.213 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



Tgt Ion:178 Resp: 3347
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 20.2 15.6 23.4





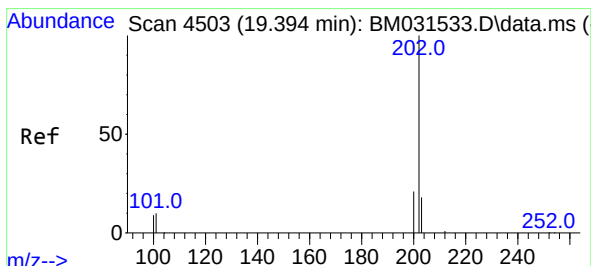
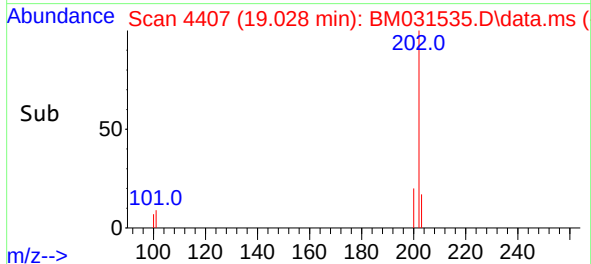
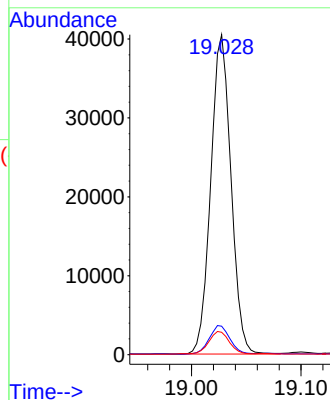
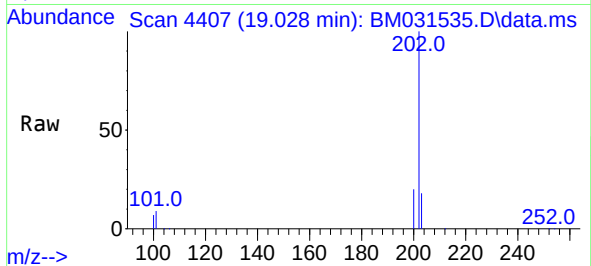
#19
Fluoranthene
Concen: 2.712 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:202	Resp:	51881
Ion Ratio	Lower	Upper
202 100		
101 8.9	6.6	10.0
100 7.0	5.4	8.0

Instrument :
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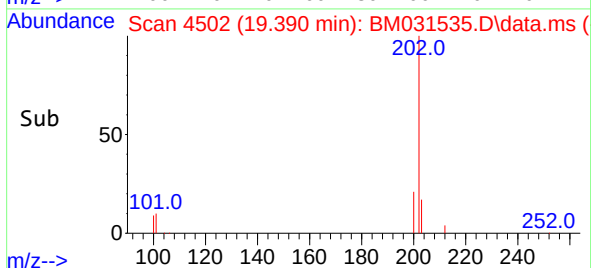
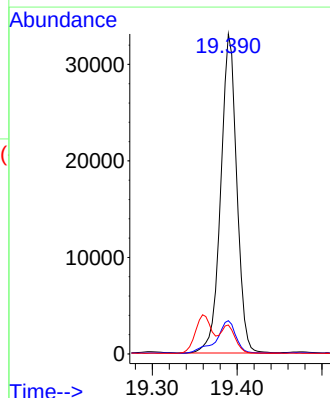
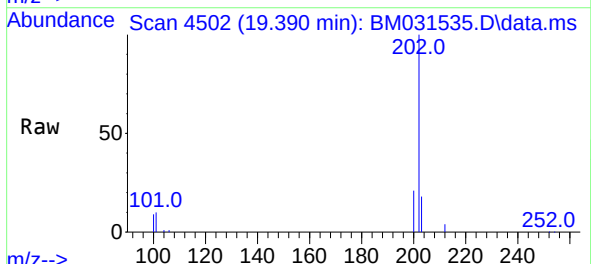
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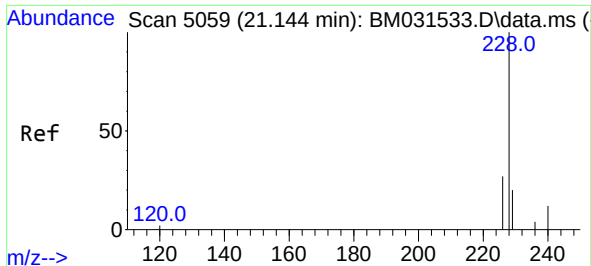
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#20
Pyrene
Concen: 2.238 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:202	Resp:	43427
Ion Ratio	Lower	Upper
202 100		
101 10.4	7.8	11.6
100 9.1	6.6	10.0





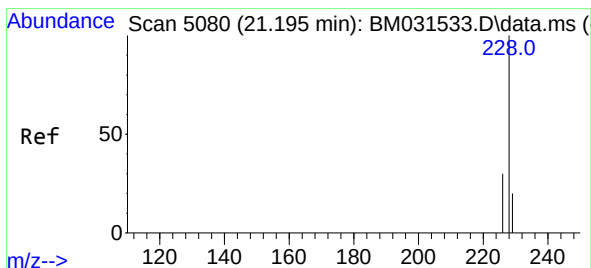
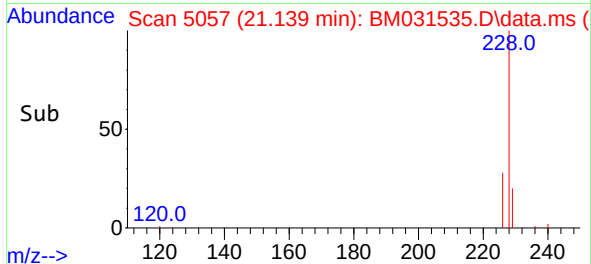
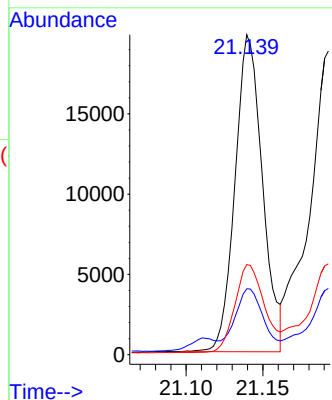
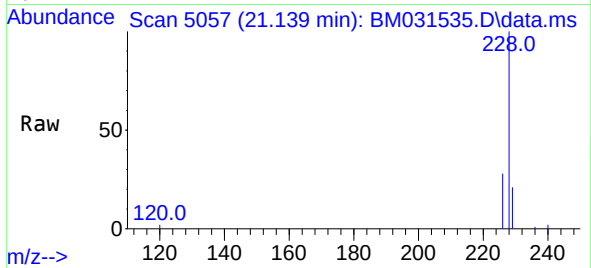
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Benzo(a)anthracene
Concen: 1.357 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.012 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:	228	Resp:	24546
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.6	23.4
226	28.2	21.7	32.5

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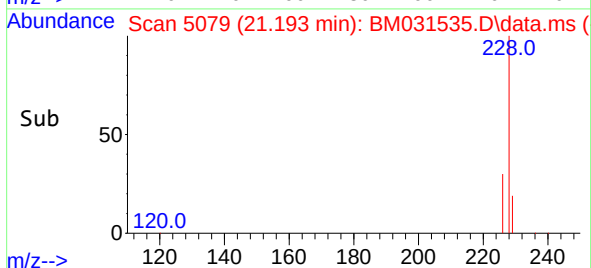
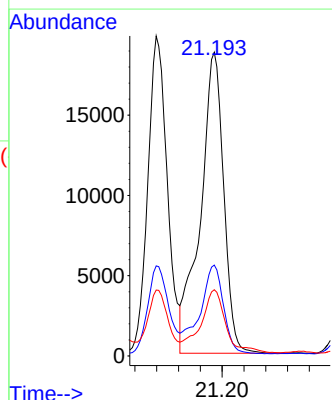
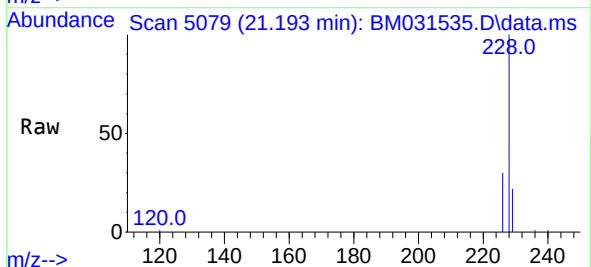
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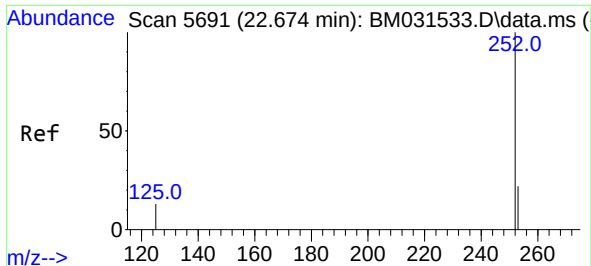
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#22
Chrysene
Concen: 1.492 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:	228	Resp:	27923
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	21.8	16.2	24.2





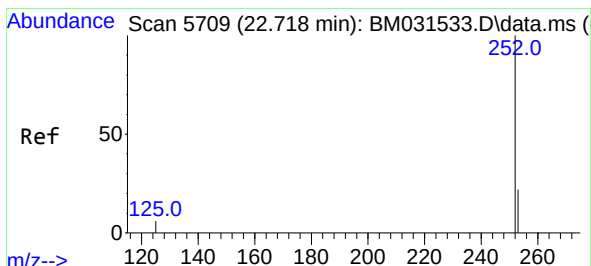
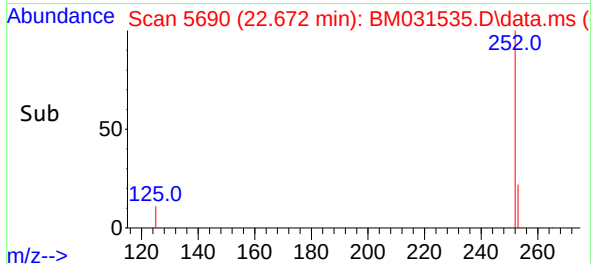
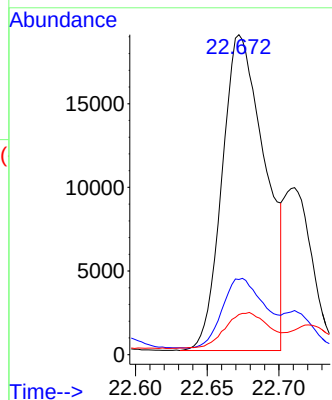
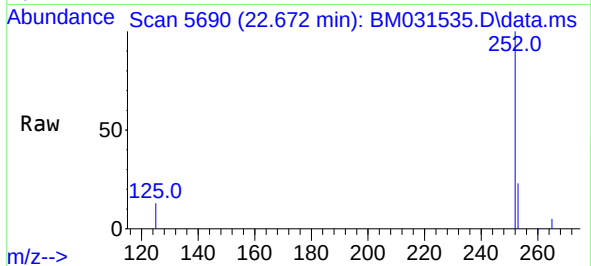
#24
Benzo(b)fluoranthene
Concen: 1.944 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.009 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:	252	Resp:	39287
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	53.0
125	12.5	0.0	22.8

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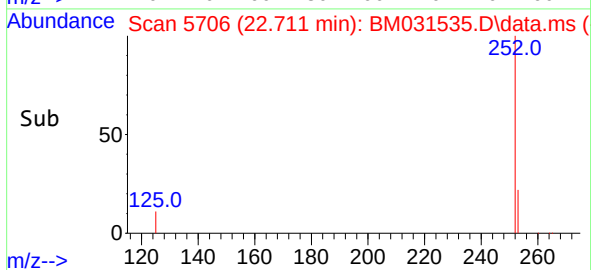
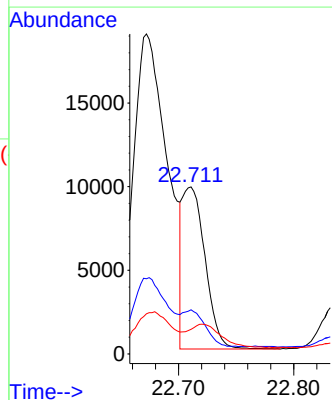
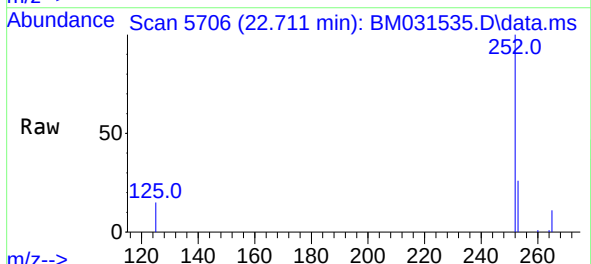
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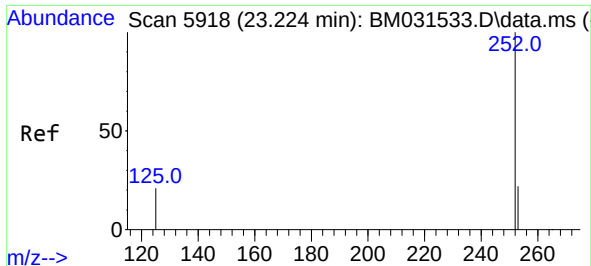
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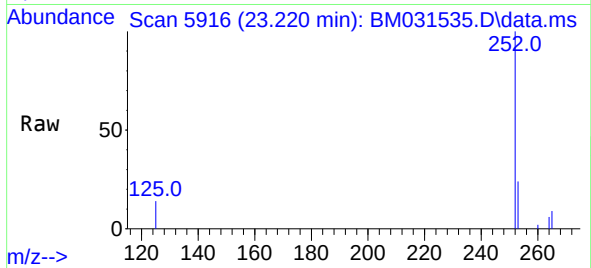
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Benzo(k)fluoranthene
Concen: 0.631 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.012 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45

Tgt Ion:	252	Resp:	13171
Ion Ratio	Lower	Upper	
252	100		
253	26.4	21.3	31.9
125	14.7	8.8	13.2#

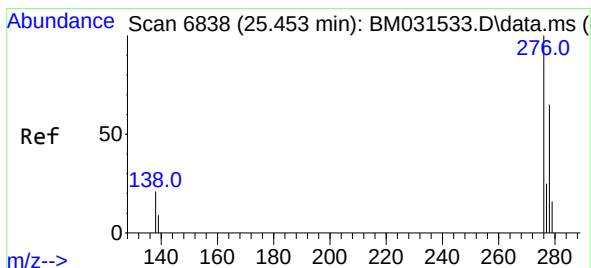
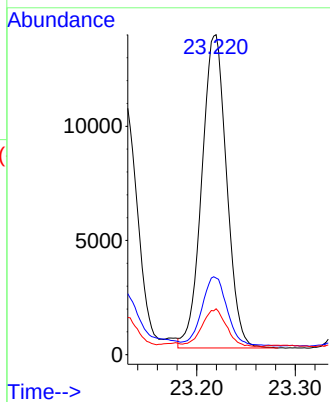
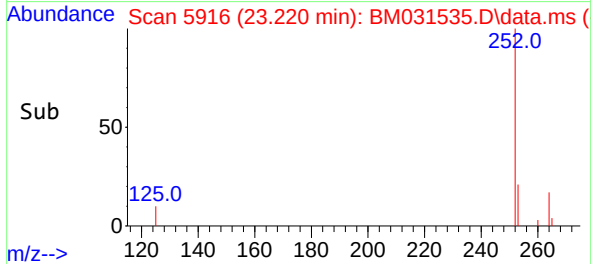




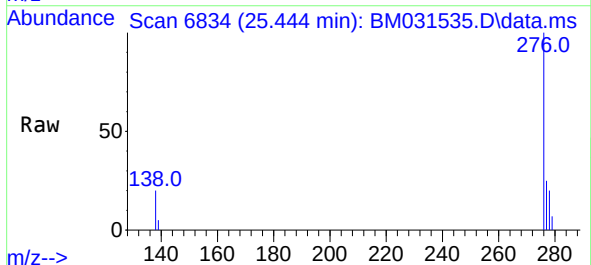
#26
Benzo(a)pyrene
Concen: 1.355 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



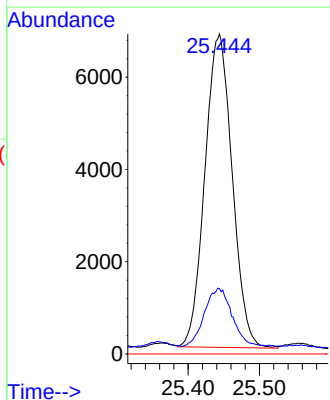
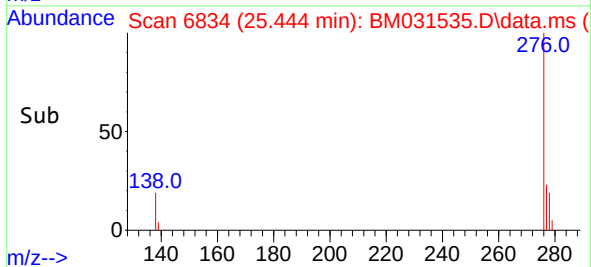
Tgt Ion:	252	Resp:	23981
Ion Ratio	Lower	Upper	
252	100		
253	23.9	22.4	33.6
125	14.3	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.789 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



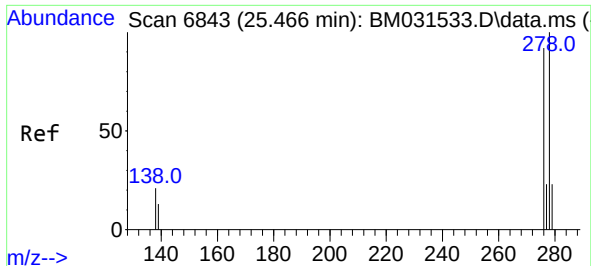
Tgt Ion:	276	Resp:	18060
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.8	23.8
227	0.0	0.0	0.0



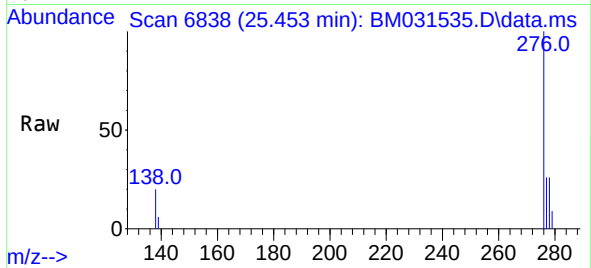
Instrument :
BNA_M
ClientSampled :
C0098

Manual Integrations
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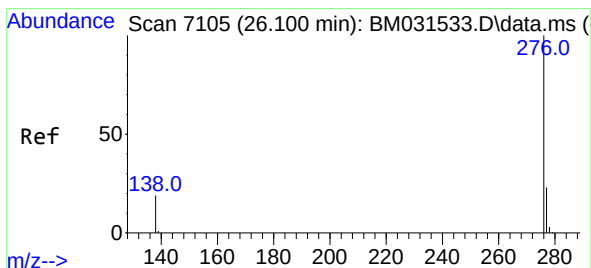
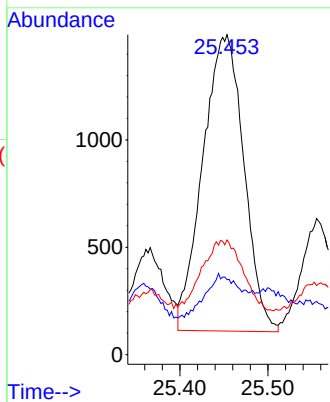
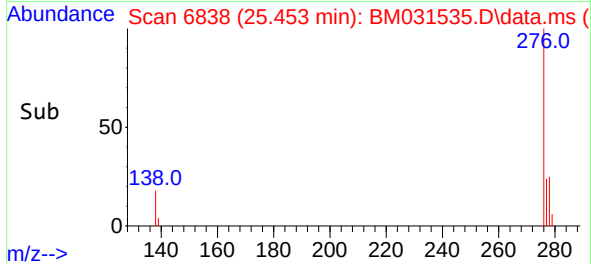
mohammad
8/9/2021 12:13:02 PM



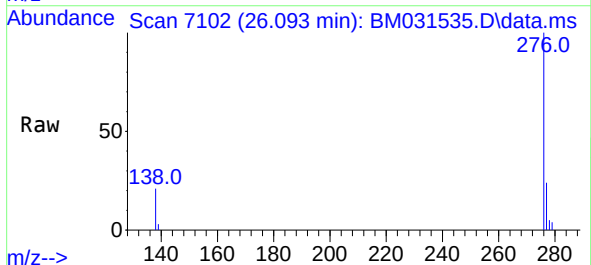
#28
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



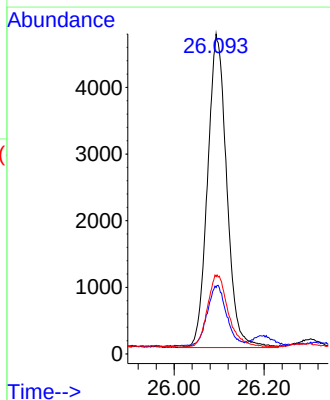
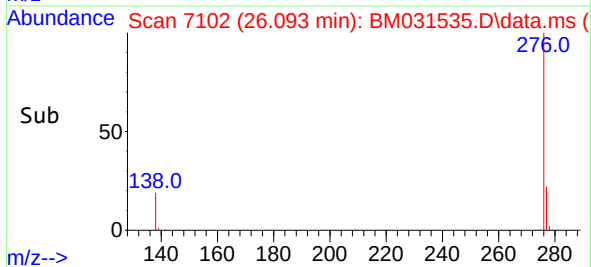
Tgt Ion:278 Resp: 4473
Ion Ratio Lower Upper
278 100
139 23.4 13.3 19.9#
279 35.8 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.713 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.022 min
Lab File: BM031535.D
Acq: 07 Aug 2021 03:45



Tgt Ion:276 Resp: 13920
Ion Ratio Lower Upper
276 100
138 20.7 15.4 23.2
277 24.1 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0098

Manual Integrations
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mohammad
8/9/2021 12:13:02 PM