

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031218.D
 Acq On : 28 Jul 2021 19:09
 Operator : CG/JU
 Sample : M3082-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0020

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Quant Time: Jul 29 03:21:34 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1896	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7406	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.246	164	4620	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8947	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	6661	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	5785	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4338	2.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1885	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	4059	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	10914	0.495	ng/ul	98
7) 2-Methylnaphthalene	12.047	142	7813	0.518	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	4672	0.314	ng/ul	99
10) Acenaphthylene	13.968	152	6551	0.333	ng/ul	100
11) Acenaphthene	14.307	153	1190	0.072	ng/ul	96
12) Fluorene	15.297	166	1915	0.100	ng/ul#	89
15) Phenanthrene	17.034	178	58116	2.046	ng/ul	97
16) Anthracene	17.124	178	8565	0.322	ng/ul	99
19) Fluoranthene	19.054	202	125019	4.395	ng/ul	98
20) Pyrene	19.416	202	80915	2.805	ng/ul	97
21) Benzo(a)anthracene	21.166	228	51449	1.913	ng/ul	96
22) Chrysene	21.217	228	59832	2.150	ng/ul	98
24) Benzo(b)fluoranthene	22.706	252	80135m	3.074	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	24124m	0.896	ng/ul	
26) Benzo(a)pyrene	23.253	252	25950	1.137	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.492	276	25958	0.880	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	8903	0.374	ng/ul#	87
29) Benzo(g,h,i)perylene	26.151	276	1488	0.059	ng/ul#	48

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

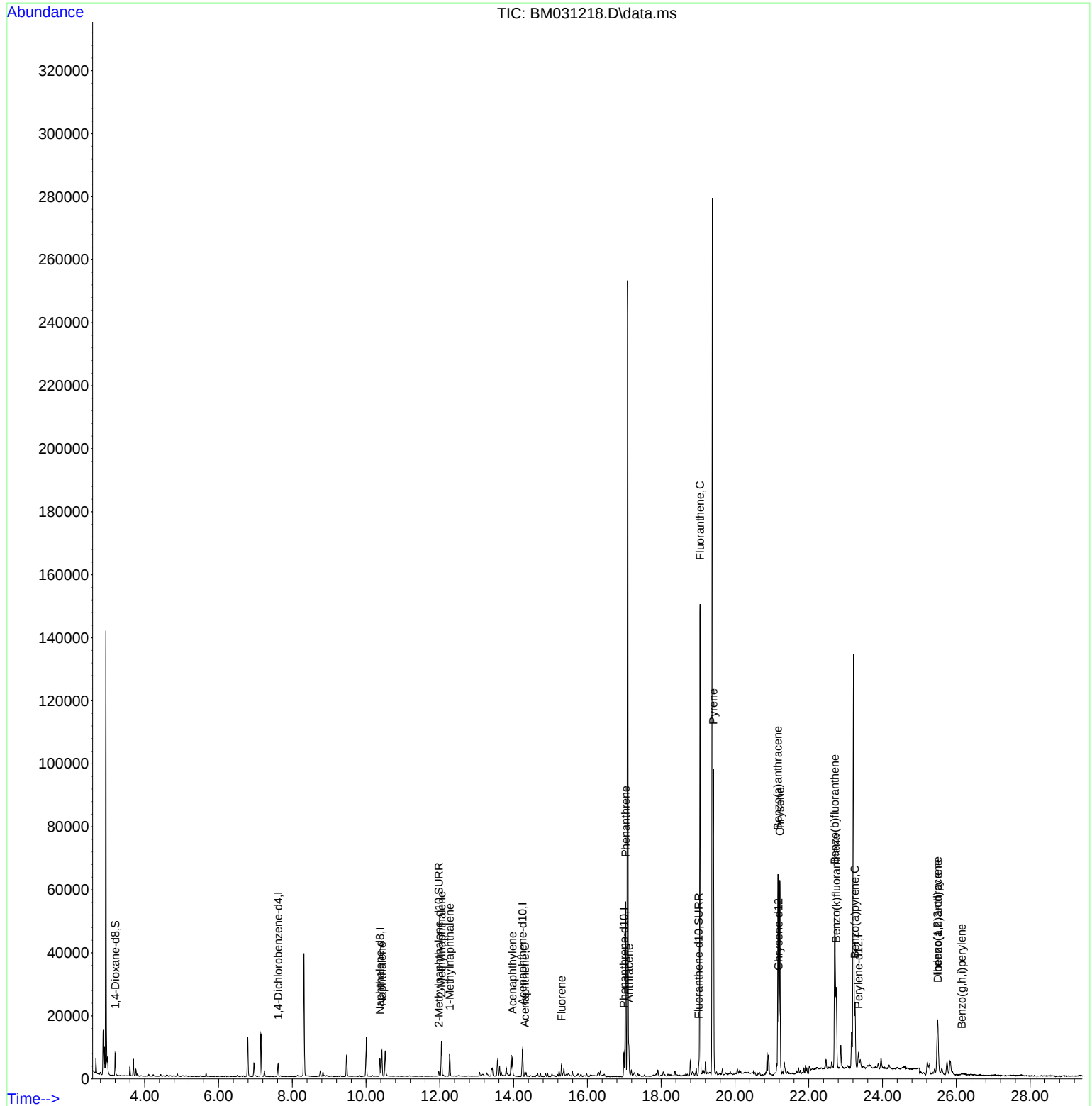
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031218.D
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Operator : CG/JU
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ALS Vial : 5 Sample Multiplier: 1

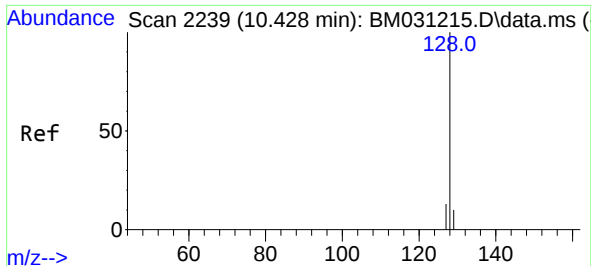
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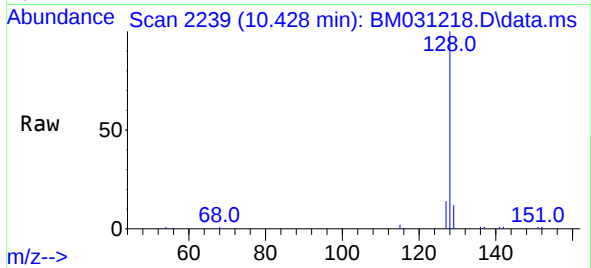
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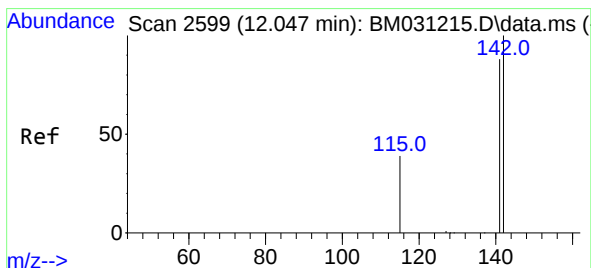
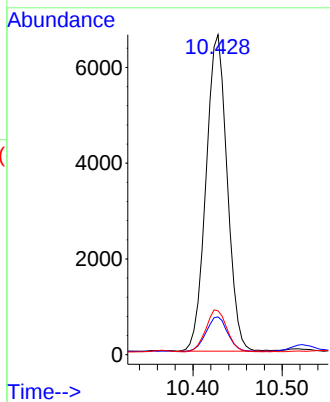
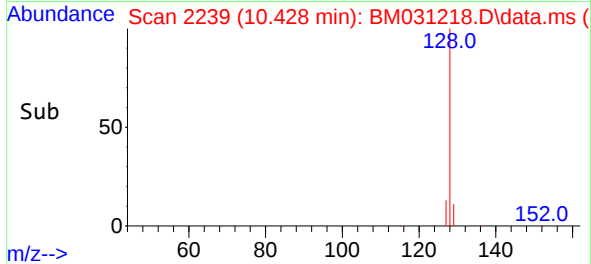


#5
Naphthalene
Concen: 0.495 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

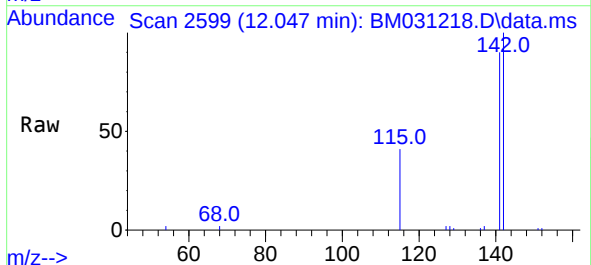


Tgt Ion:128 Resp: 10914

Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	13.7	11.6	17.4

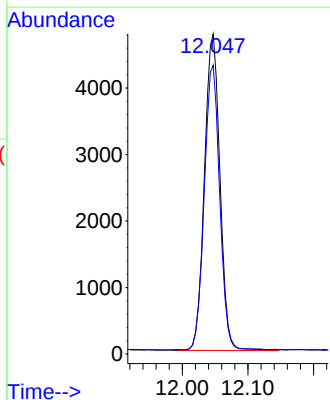
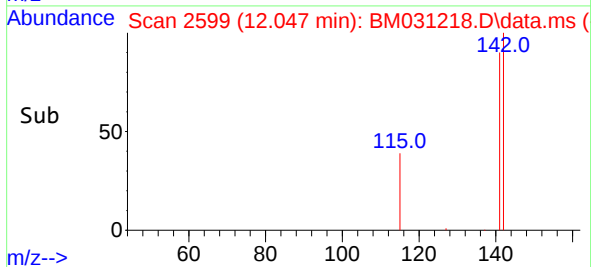


#7
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09



Tgt Ion:142 Resp: 7813

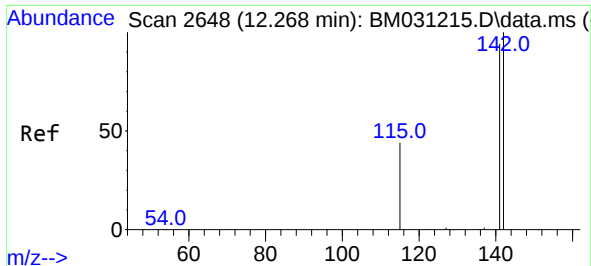
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



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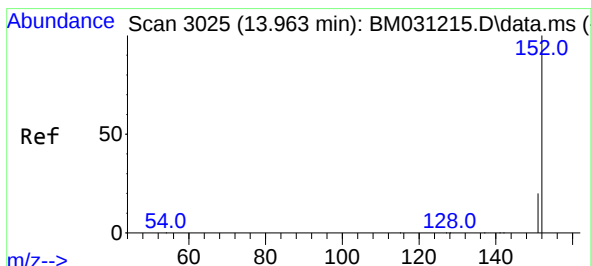
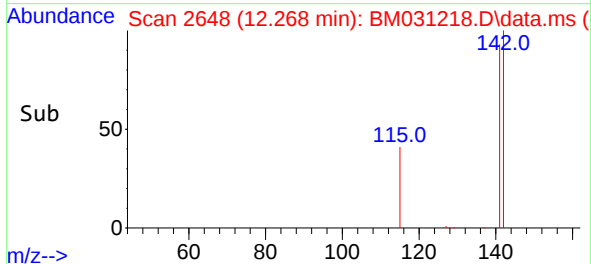
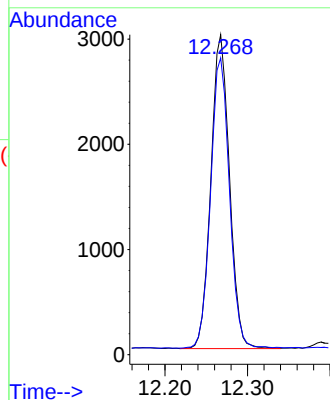
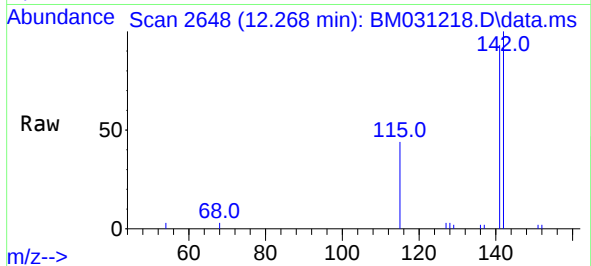
#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031218.D
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Tgt Ion:142 Resp: 4672
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

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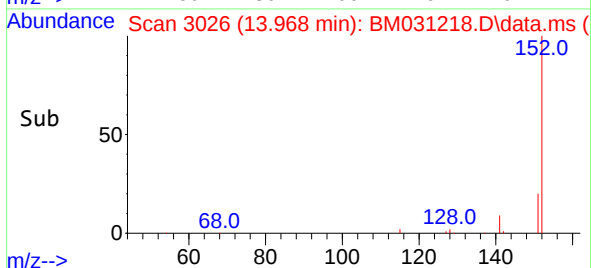
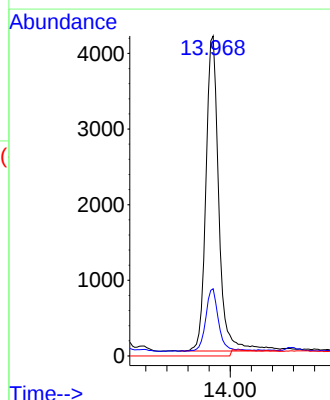
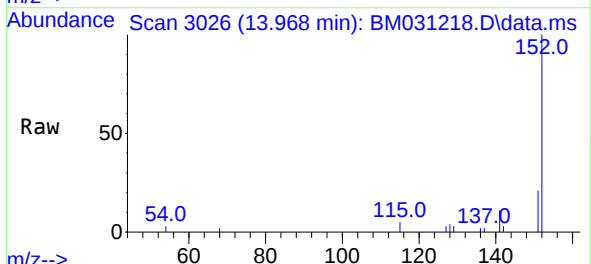
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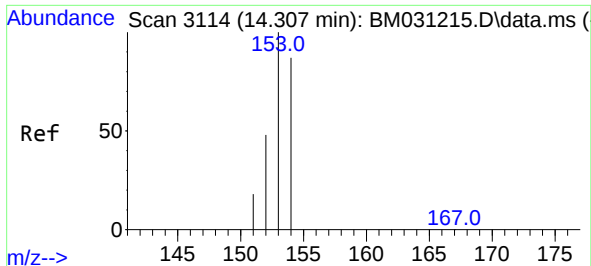
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#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM031218.D
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Tgt Ion:152 Resp: 6551
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0





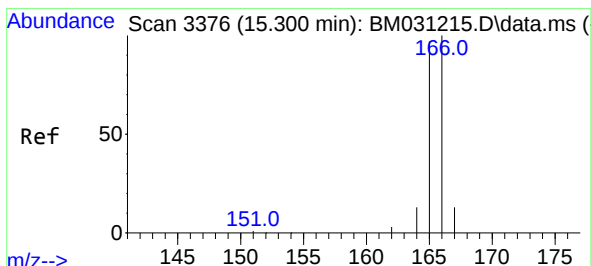
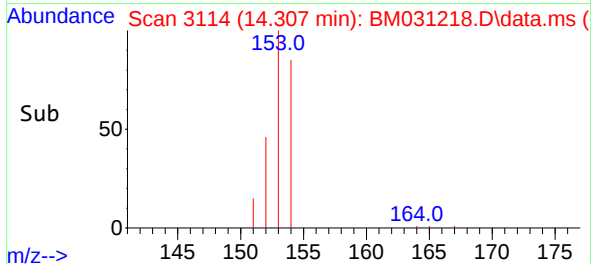
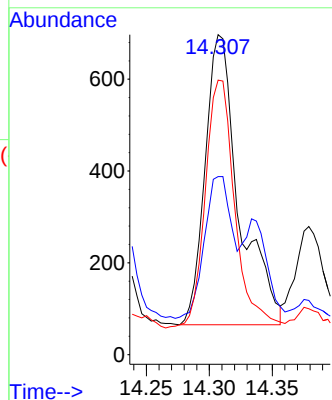
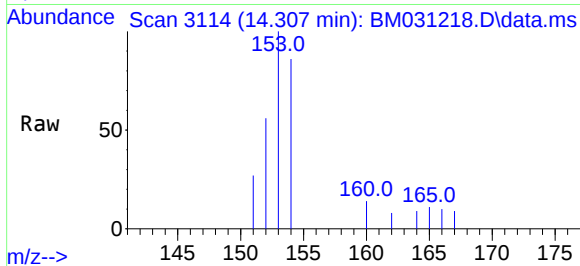
#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	153	Resp:	1190
Ion	Ratio	Lower	Upper
153	100		
152	55.7	40.7	61.1
154	85.8	70.2	105.2

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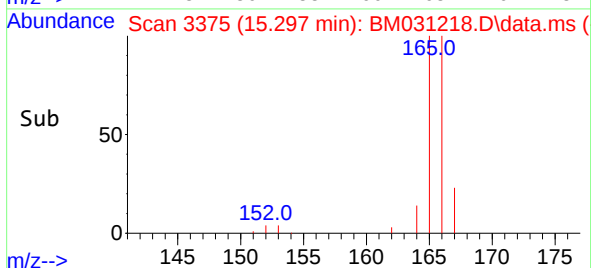
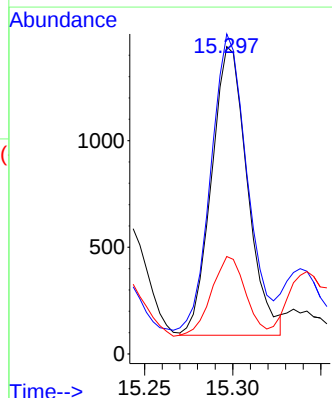
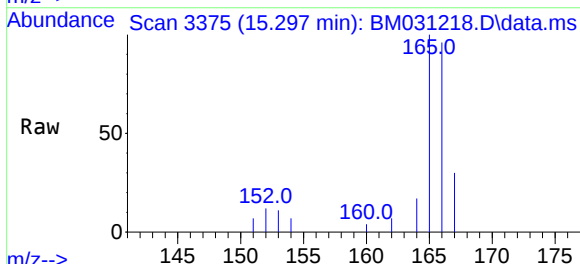
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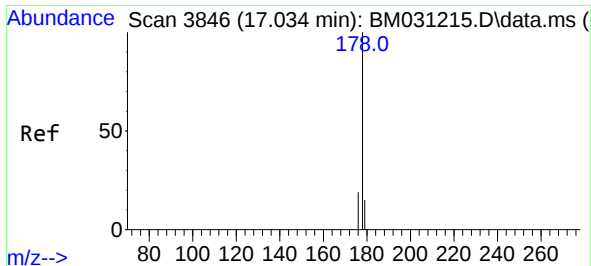
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#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	166	Resp:	1915
Ion	Ratio	Lower	Upper
166	100		
165	104.1	78.0	117.0
167	31.7	12.0	18.0





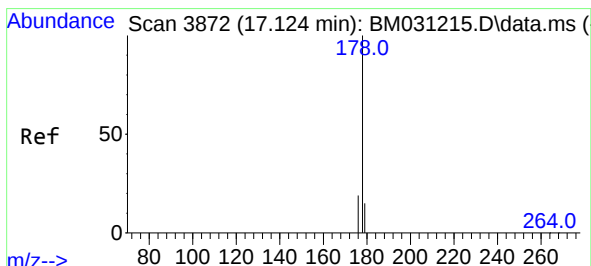
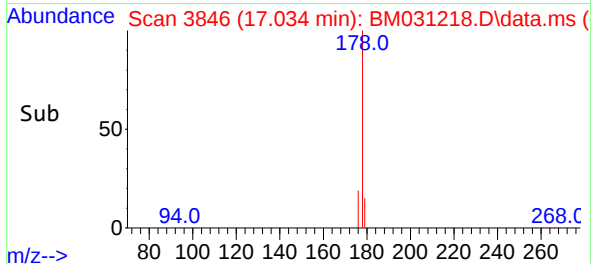
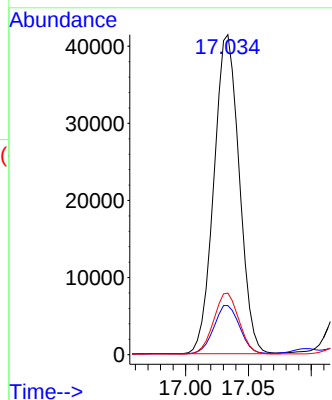
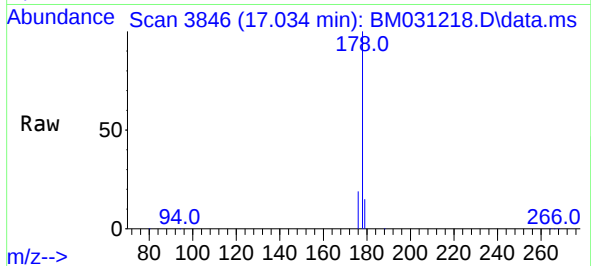
#15
Phenanthrene
Concen: 2.046 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	178	Resp:	58116
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.3	19.9
176	19.3	16.2	24.4

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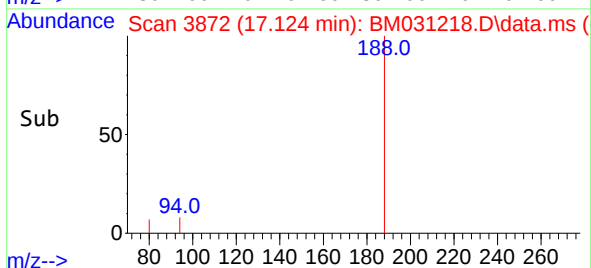
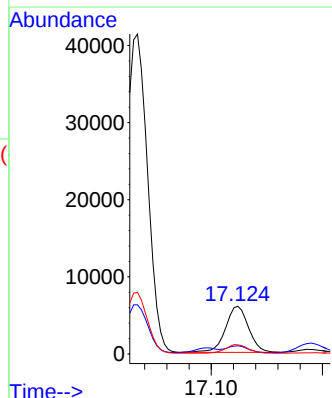
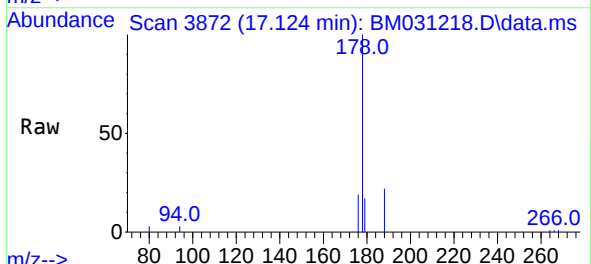
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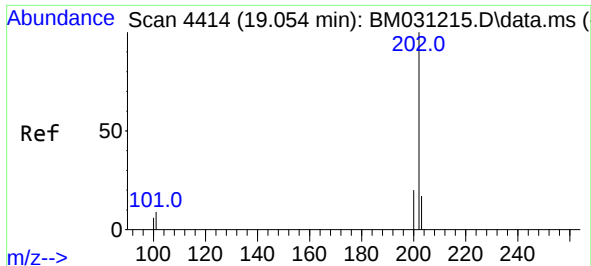
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#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	178	Resp:	8565
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.0	19.6
176	19.3	15.6	23.4





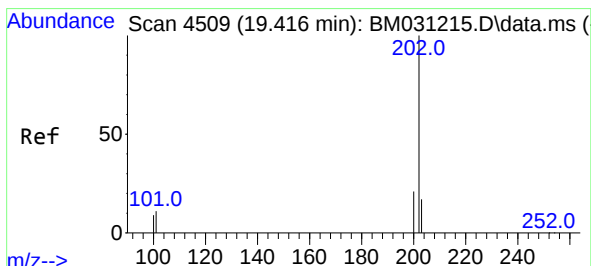
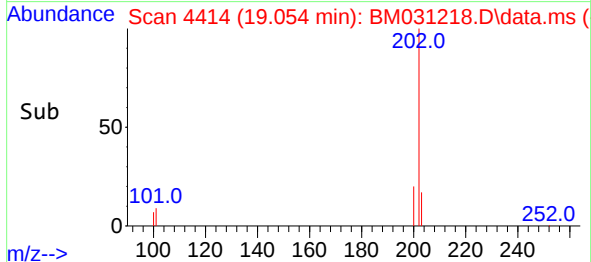
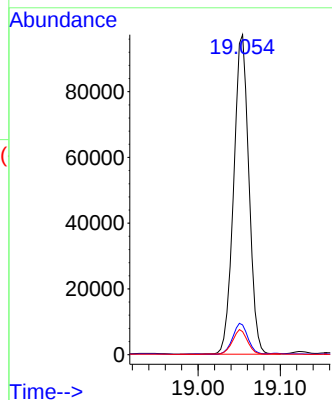
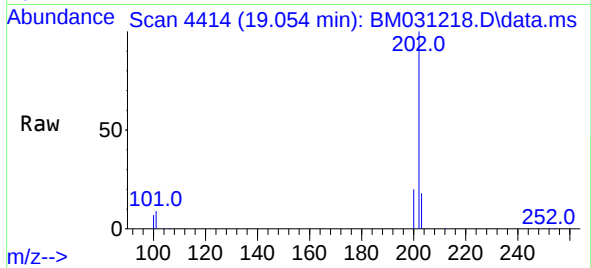
#19
Fluoranthene
Concen: 4.395 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	202	Resp:	125019
Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.6	10.0
100	7.2	5.4	8.0

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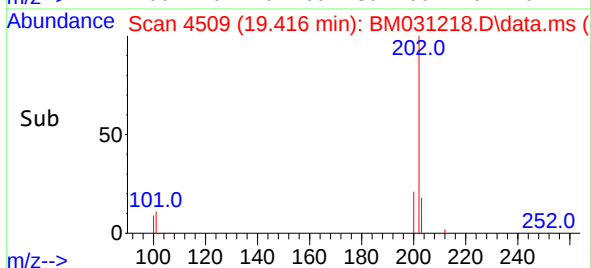
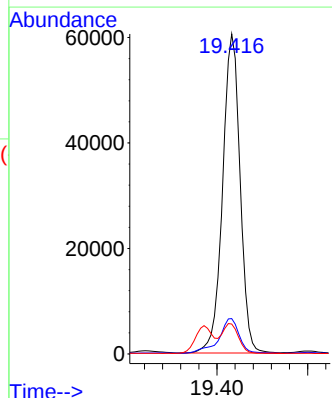
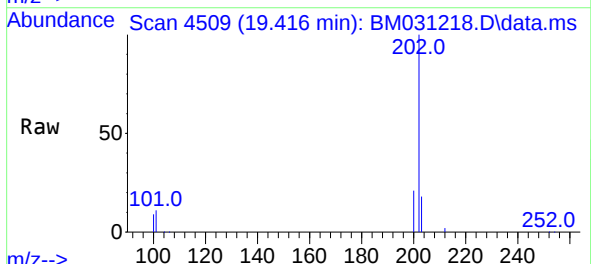
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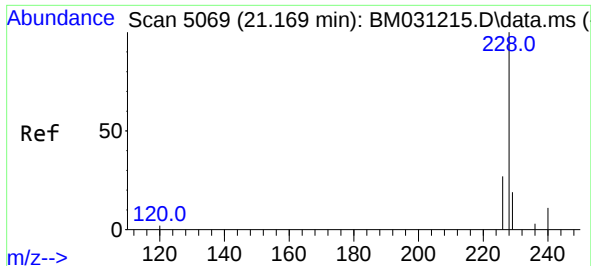
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#20
Pyrene
Concen: 2.805 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	202	Resp:	80915
Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	9.4	6.6	10.0





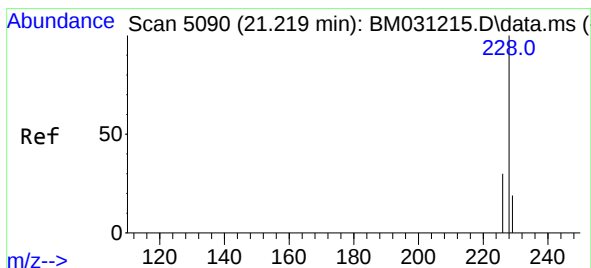
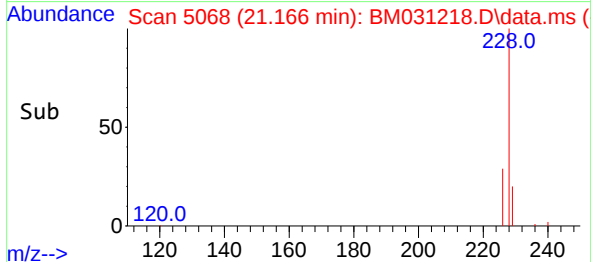
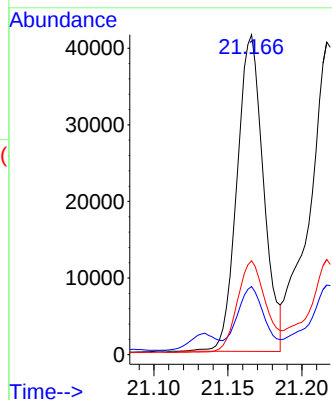
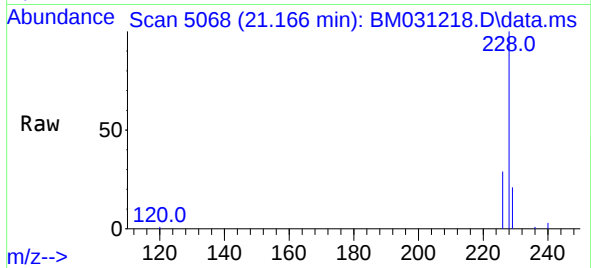
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Benzo(a)anthracene
Concen: 1.913 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031218.D
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Tgt Ion:228	Resp:	51449
Ion Ratio	Lower	Upper
228	100	
229	21.3	15.6 23.4
226	29.4	21.7 32.5

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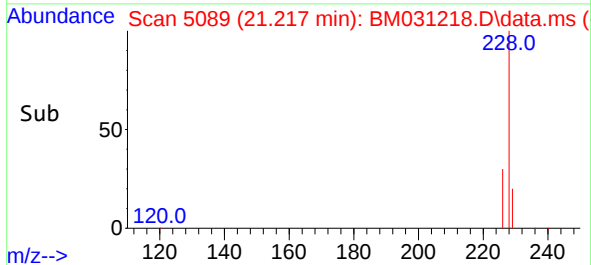
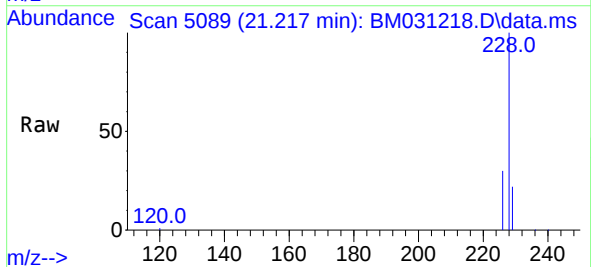
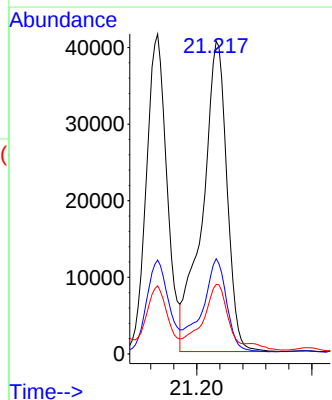
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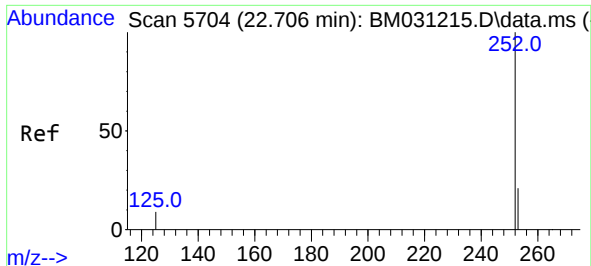
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#22
Chrysene
Concen: 2.150 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031218.D
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Tgt Ion:228	Resp:	59832
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.7 37.1
229	22.2	16.2 24.2





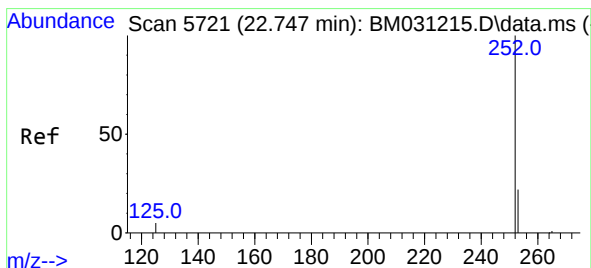
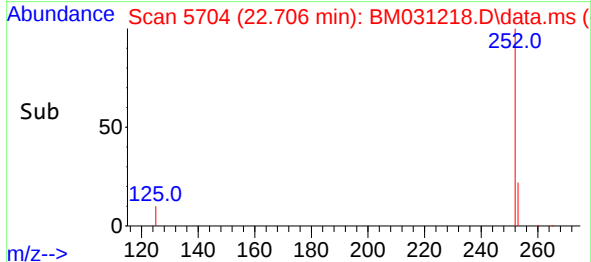
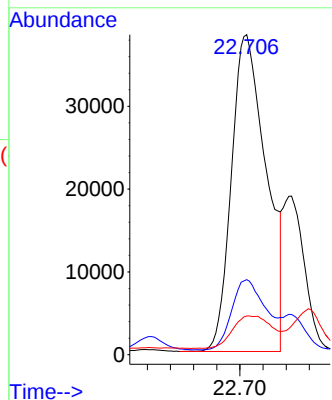
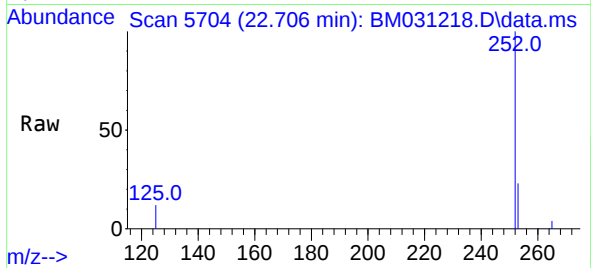
#24
Benzo(b)fluoranthene
Concen: 3.074 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	252	Resp:	80135
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	53.0
125	12.1	0.0	22.8

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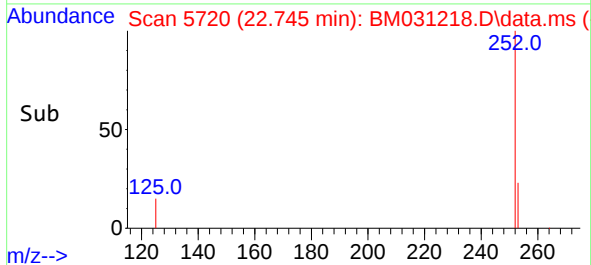
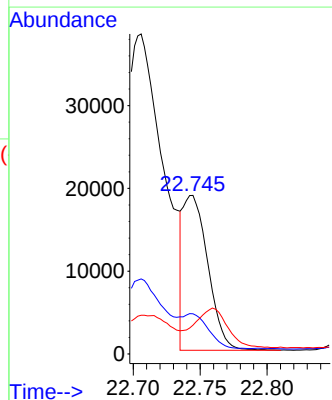
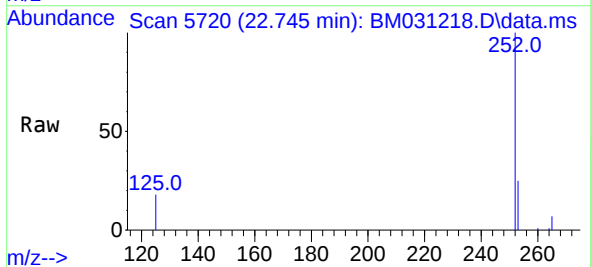
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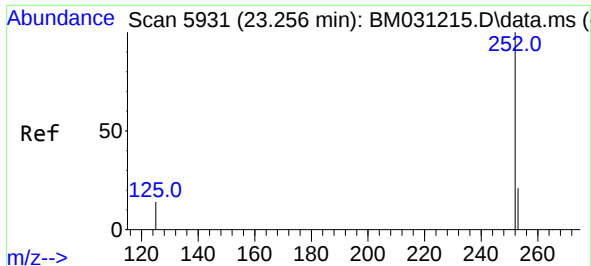
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.896 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.003 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	252	Resp:	24124
Ion Ratio	Lower	Upper	
252	100		
253	25.3	21.3	31.9
125	18.2	8.8	13.2#





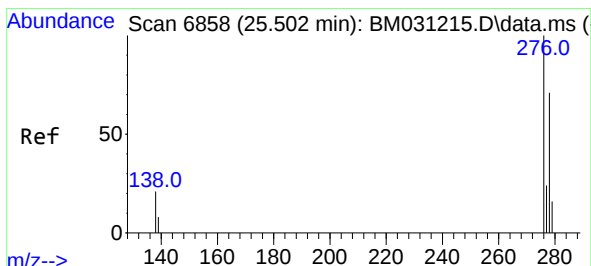
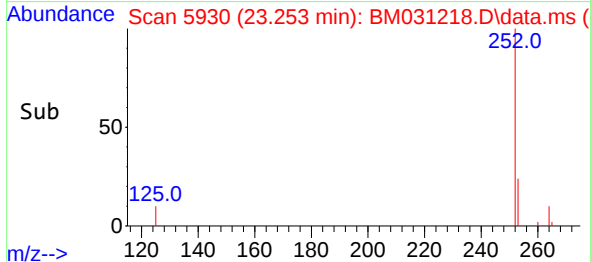
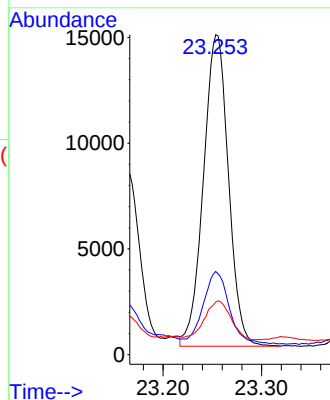
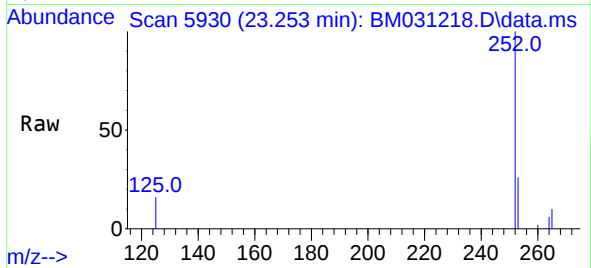
#26
Benzo(a)pyrene
Concen: 1.137 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	252	Resp:	25950
Ion Ratio	Lower	Upper	
252	100		
253	26.0	22.4	33.6
125	16.4	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0020

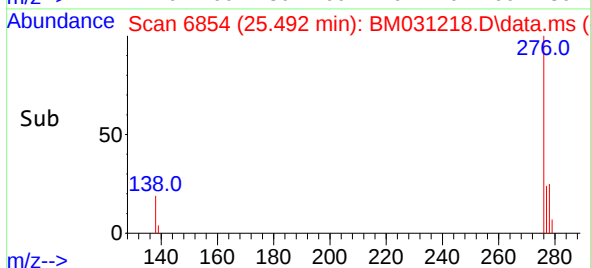
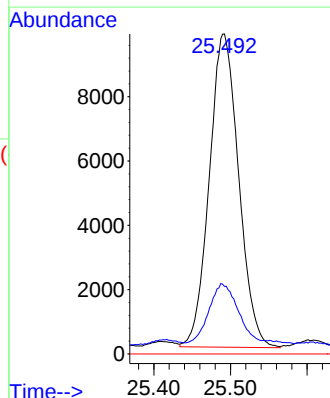
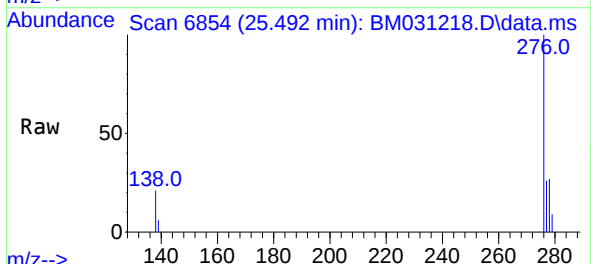
Manual Integrations
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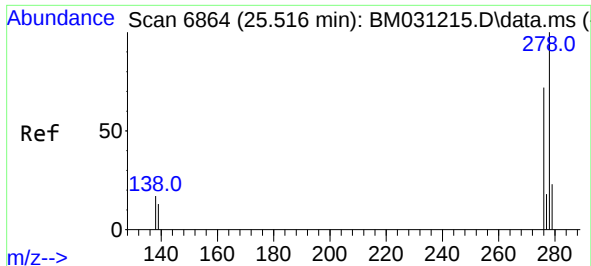
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.880 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:	276	Resp:	25958
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.8	23.8
227	0.0	0.0	0.0





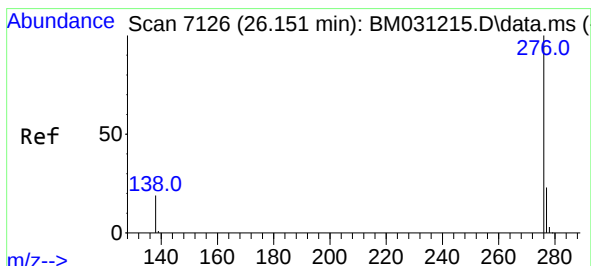
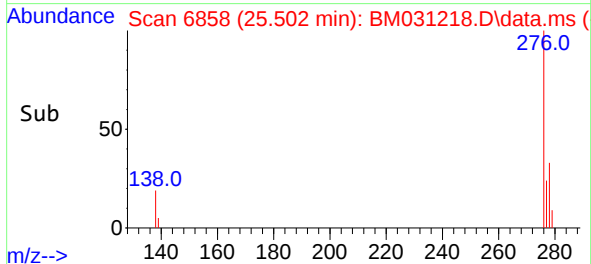
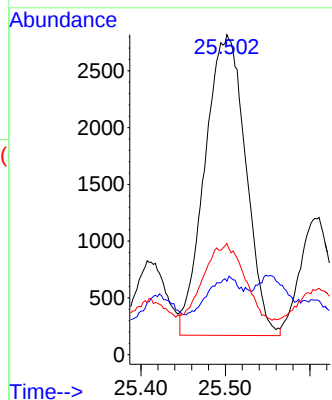
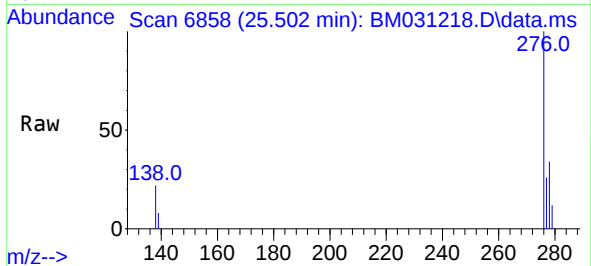
#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.012 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:278 Resp: 8903
Ion Ratio Lower Upper
278 100
139 22.9 13.3 19.9#
279 34.7 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0020

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#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.002 min
Lab File: BM031218.D
Acq: 28 Jul 2021 19:09

Tgt Ion:276 Resp: 1488
Ion Ratio Lower Upper
276 100
138 50.3 15.4 23.2#
277 44.2 19.9 29.9#

