

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031527.D
 Acq On : 06 Aug 2021 22:11
 Operator : CG/JU
 Sample : M3124-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0097

Manual Integrations
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Quant Time: Aug 07 03:31:54 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 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.346	136	4733	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	2889	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	5271	0.400	ng/ul #	0.00
17) Chrysene-d12	21.160	240	4276	0.400	ng/ul #	0.00
23) Perylene-d12	23.315	264	4499	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2837	1.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1502	0.188	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3030	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.395	128	16376	1.162	ng/ul	98
7) 2-Methylnaphthalene	12.015	142	12797	1.329	ng/ul	99
8) 1-Methylnaphthalene	12.235	142	8606	0.904	ng/ul	100
10) Acenaphthylene	13.940	152	25615	2.082	ng/ul	98
11) Acenaphthene	14.280	153	10671	1.030	ng/ul	99
12) Fluorene	15.270	166	26158	2.195	ng/ul	98
14) Pentachlorophenol	16.620	266	60	0.036	ng/ul#	87
15) Phenanthrene	17.009	178	295095	17.631	ng/ul	97
16) Anthracene	17.096	178	73818	4.711	ng/ul	98
19) Fluoranthene	19.031	202	470712	25.780	ng/ul	99
20) Pyrene	19.393	202	361887	19.541	ng/ul	97
21) Benzo(a)anthracene	21.143	228	201379	11.663	ng/ul	98
22) Chrysene	21.194	228	180180	10.086	ng/ul	97
24) Benzo(b)fluoranthene	22.675	252	232333m	11.462	ng/ul	
25) Benzo(k)fluoranthene	22.714	252	80508m	3.844	ng/ul	
26) Benzo(a)pyrene	23.223	252	155747m	8.773	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.447	276	100627	4.385	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.457	278	26768	1.447	ng/ul	98
29) Benzo(g,h,i)perylene	26.096	276	46957	2.399	ng/ul	98

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

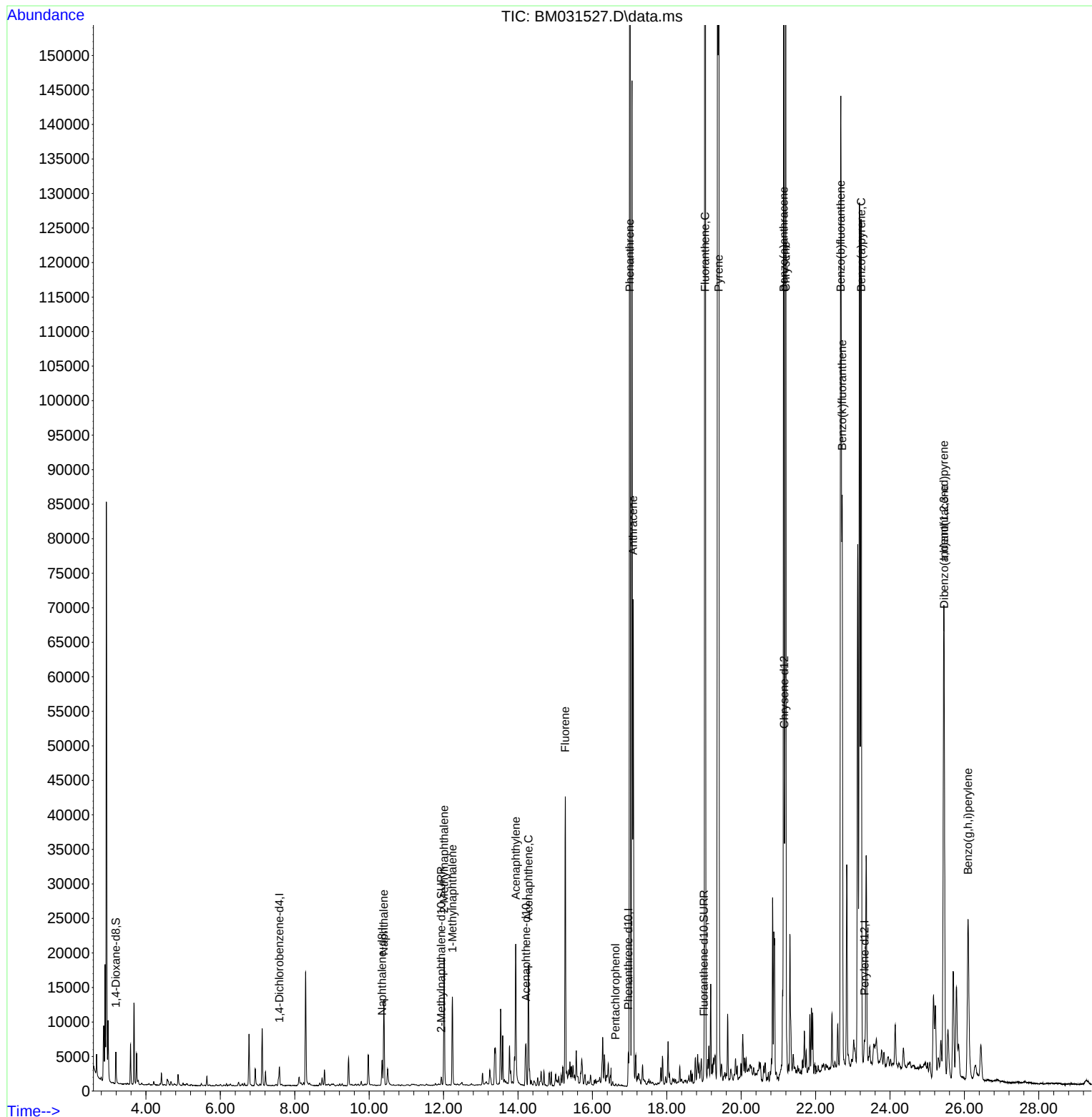
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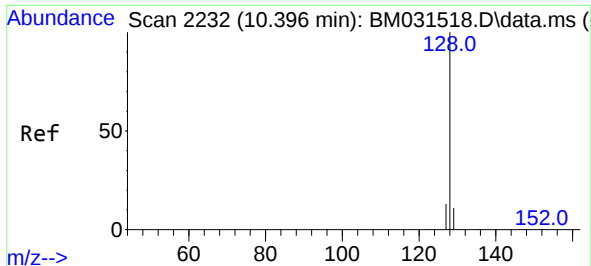
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QLast Update : Sat Aug 07 03:01:15 2021
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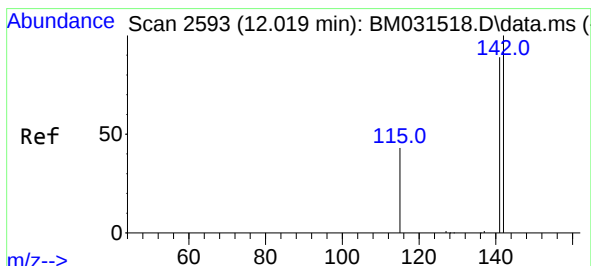
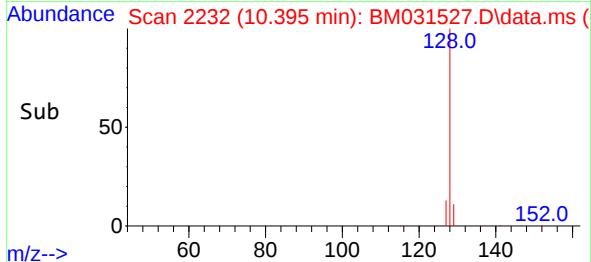
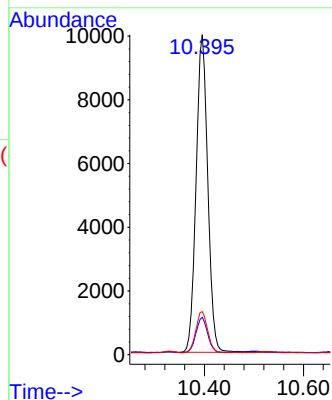
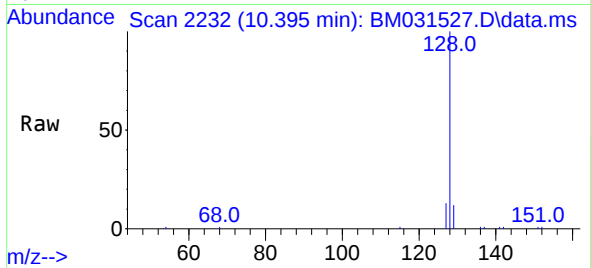
#5
Naphthalene
Concen: 1.162 ng/ul
RT: 10.395 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:	128	Resp:	16376
Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	13.5	11.6	17.4

Instrument :
BNA_M
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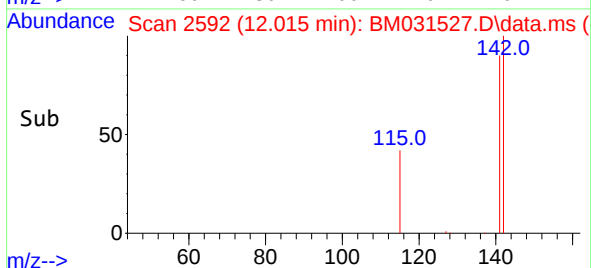
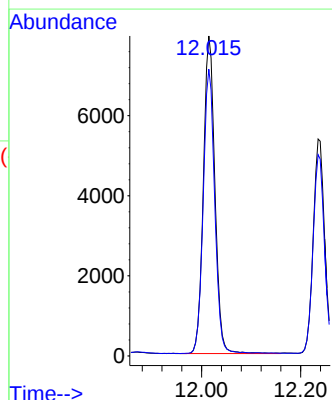
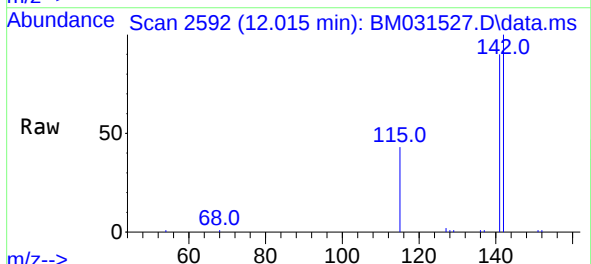
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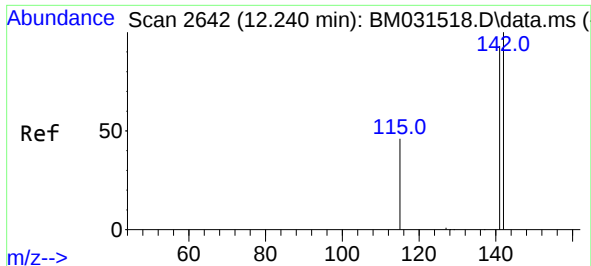
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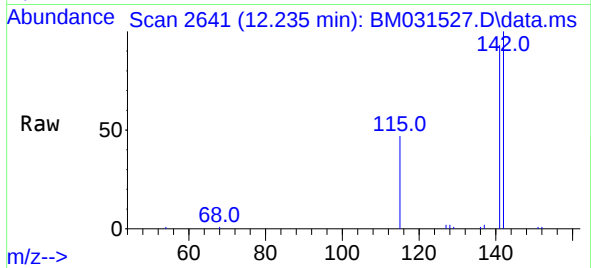
#7
2-Methylnaphthalene
Concen: 1.329 ng/ul
RT: 12.015 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:	142	Resp:	12797
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0

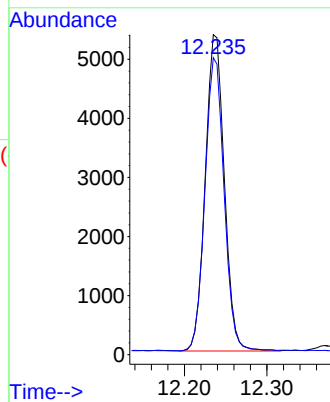
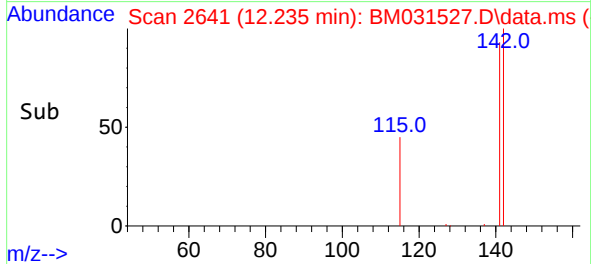




#8
1-Methylnaphthalene
Concen: 0.904 ng/ul
RT: 12.235 min Scan# 2641
Delta R.T. -0.005 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



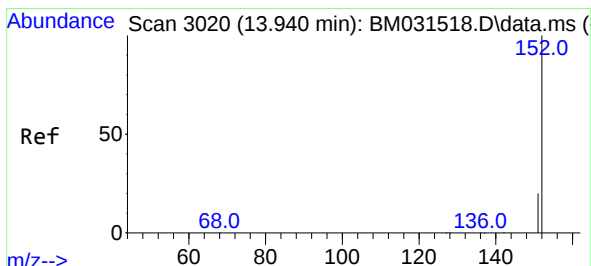
Tgt Ion:142 Resp: 8606
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1



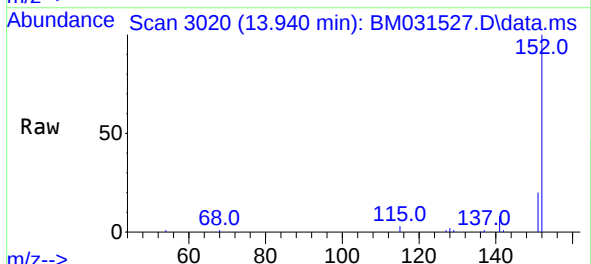
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ClientSampled :
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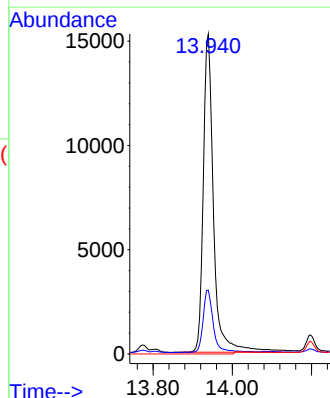
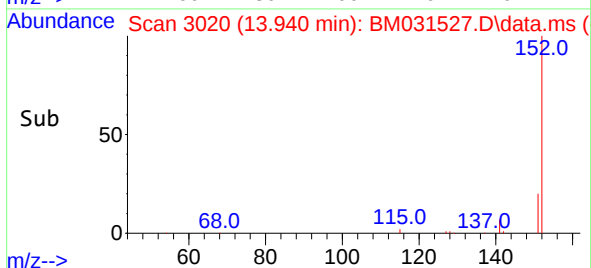
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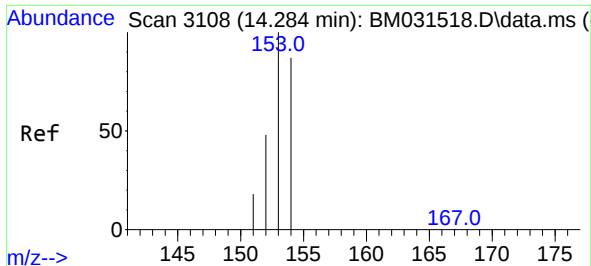


#10
Acenaphthylene
Concen: 2.082 ng/ul
RT: 13.940 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



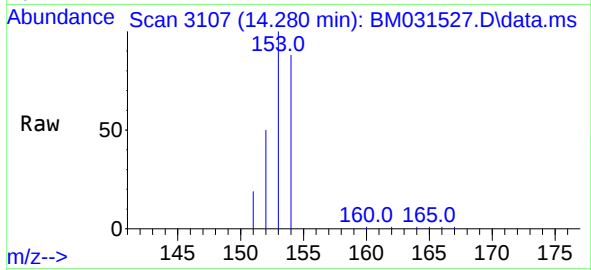
Tgt Ion:152 Resp: 25615
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 0.0 0.0 0.0



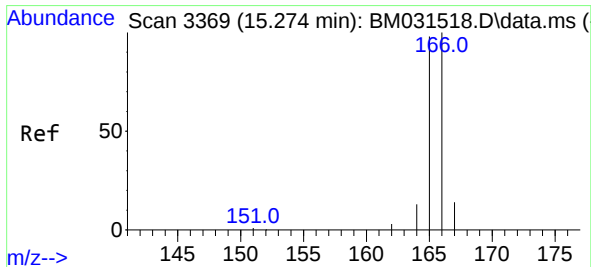
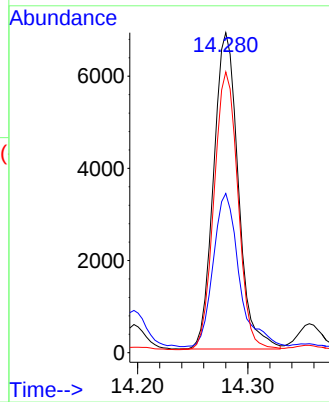
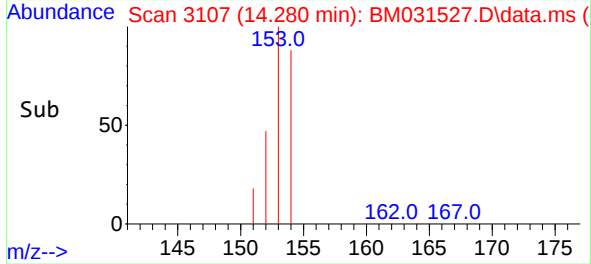


#11
Acenaphthene
Concen: 1.030 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

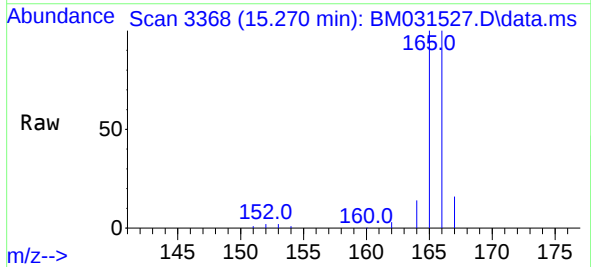
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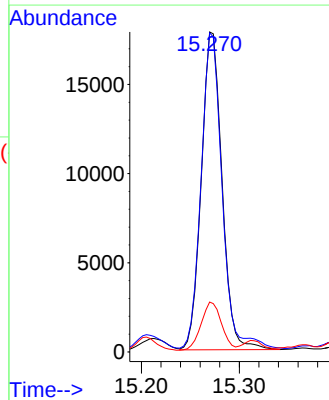
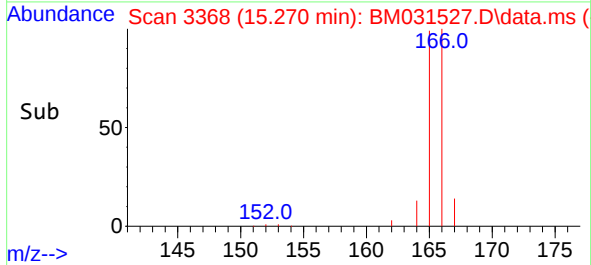
Tgt Ion:153 Resp: 10671
Ion Ratio Lower Upper
153 100
152 49.7 40.7 61.1
154 87.7 70.2 105.2

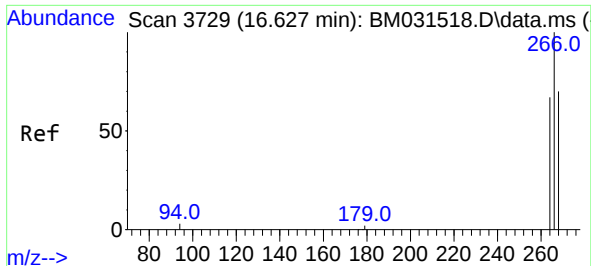


#12
Fluorene
Concen: 2.195 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

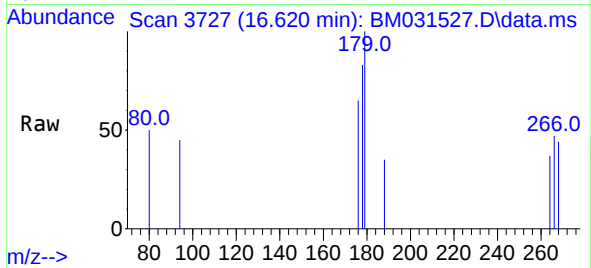


Tgt Ion:166 Resp: 26158
Ion Ratio Lower Upper
166 100
165 99.7 78.0 117.0
167 15.6 12.0 18.0

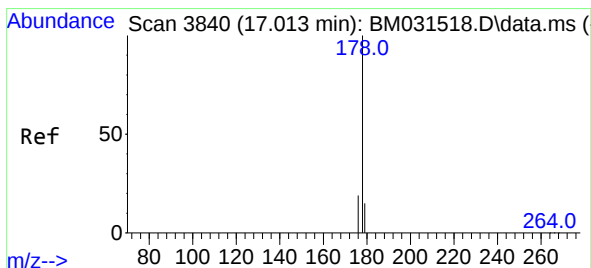
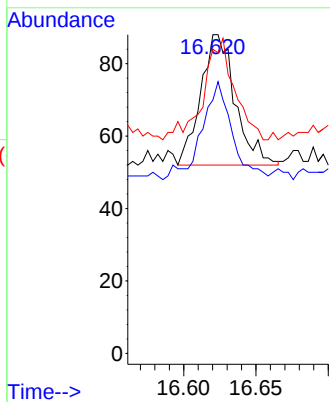
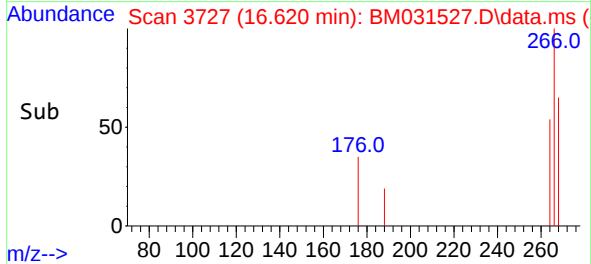




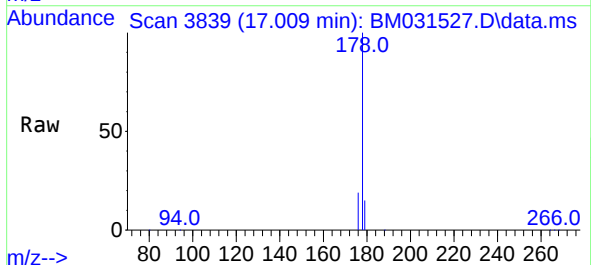
#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.620 min Scan# 3727
Delta R.T. -0.007 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



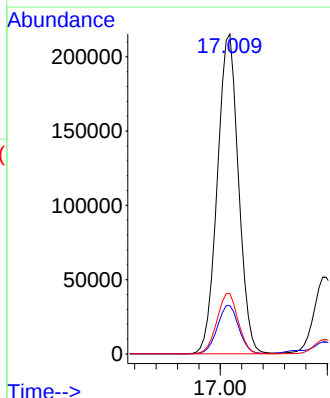
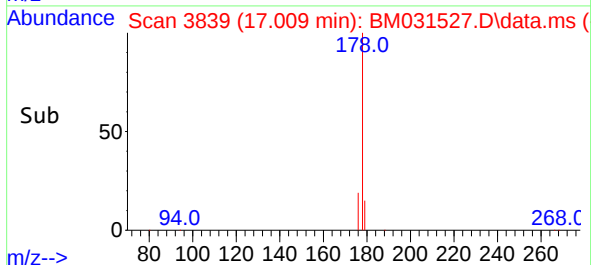
Tgt Ion: 266 Resp: 60
Ion Ratio Lower Upper
266 100
264 66.7 50.1 75.1
268 80.0 51.3 76.9#



#15
Phenanthrene
Concen: 17.631 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.004 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



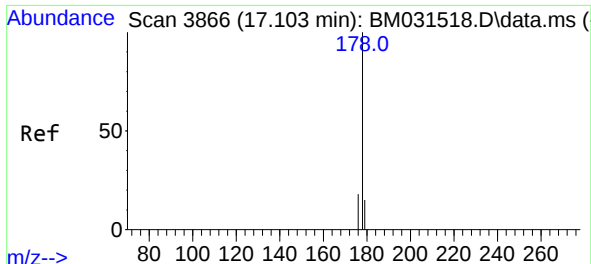
Tgt Ion: 178 Resp: 295095
Ion Ratio Lower Upper
178 100
179 15.2 13.3 19.9
176 18.9 16.2 24.4



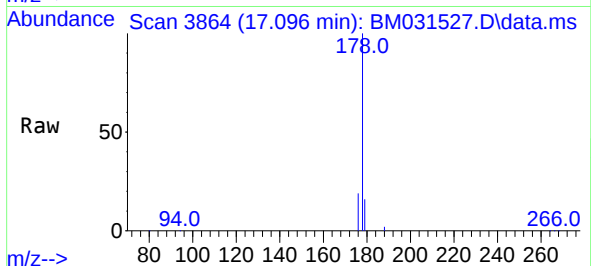
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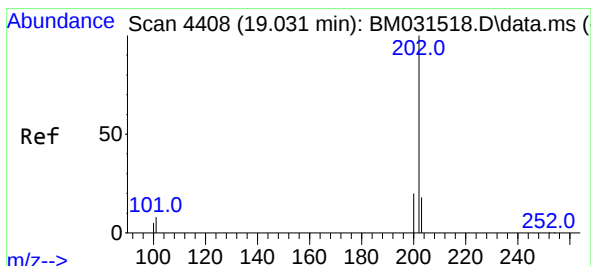
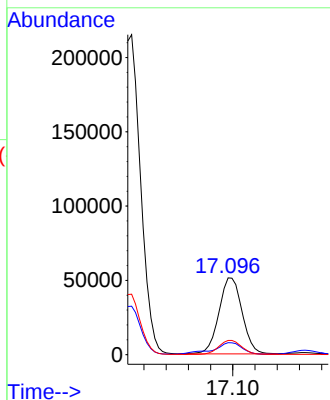
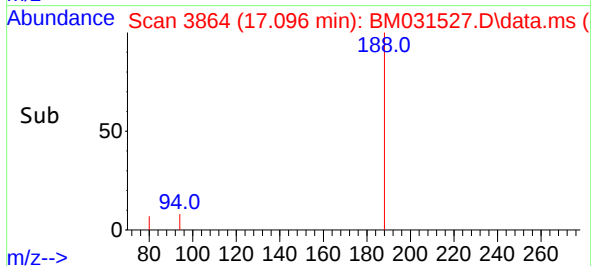
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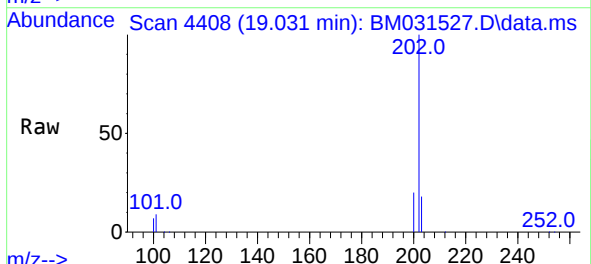
#16
 Anthracene
 Concen: 4.711 ng/ul
 RT: 17.096 min Scan# 3864
 Delta R.T. -0.007 min
 Lab File: BM031527.D
 Acq: 06 Aug 2021 22:11



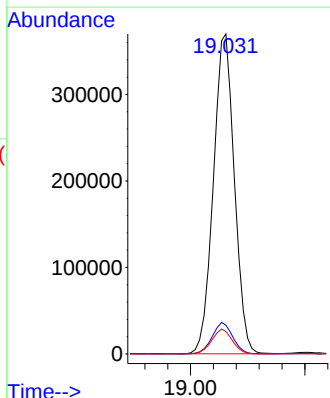
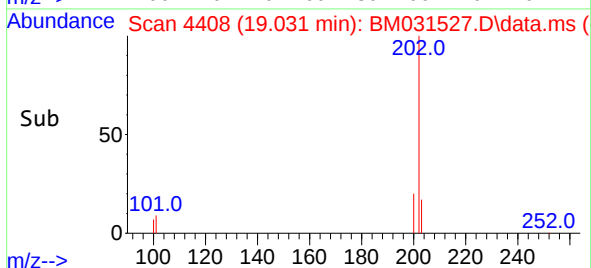
Tgt Ion:	178	Resp:	73818
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.6
176	18.6	15.6	23.4



#19
 Fluoranthene
 Concen: 25.780 ng/ul
 RT: 19.031 min Scan# 4408
 Delta R.T. -0.000 min
 Lab File: BM031527.D
 Acq: 06 Aug 2021 22:11



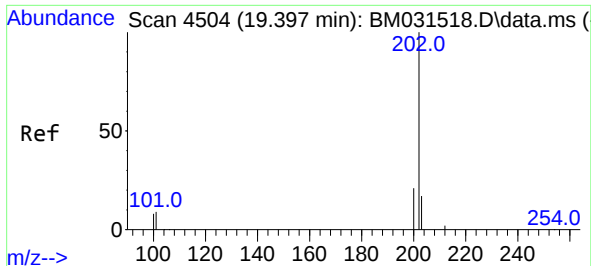
Tgt Ion:	202	Resp:	470712
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.6	10.0
100	7.0	5.4	8.0



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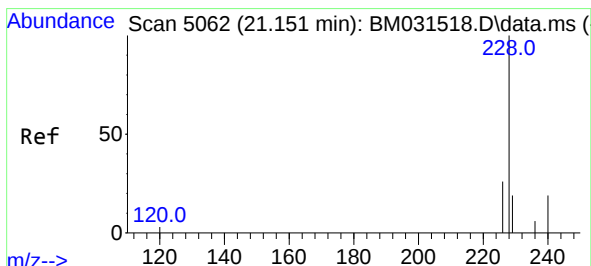
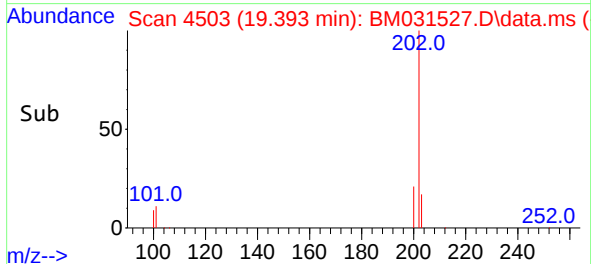
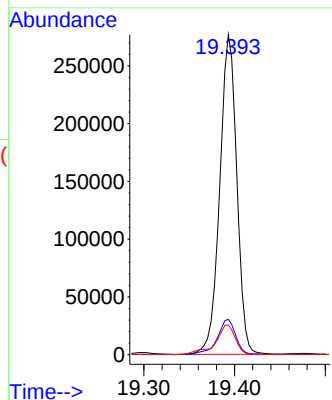
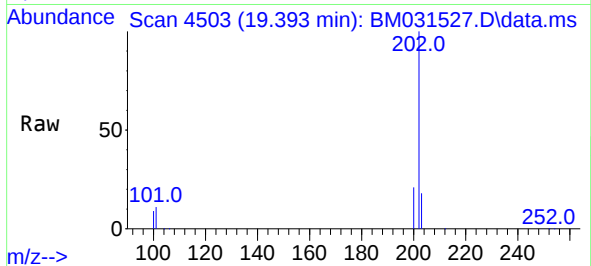
#20
Pyrene
Concen: 19.541 ng/ul
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:202 Resp: 361887
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.3 6.6 10.0

Instrument :
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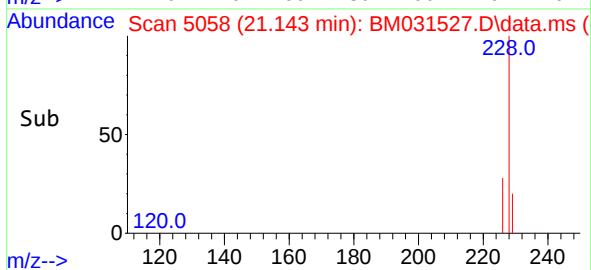
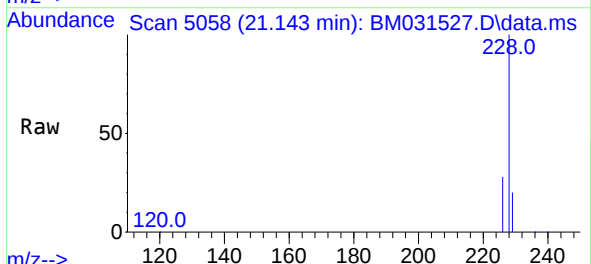
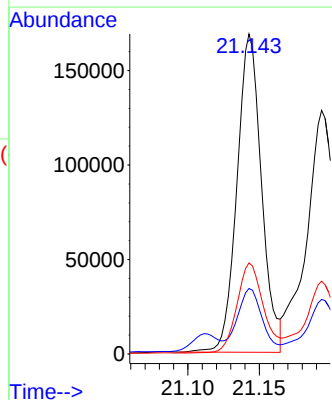
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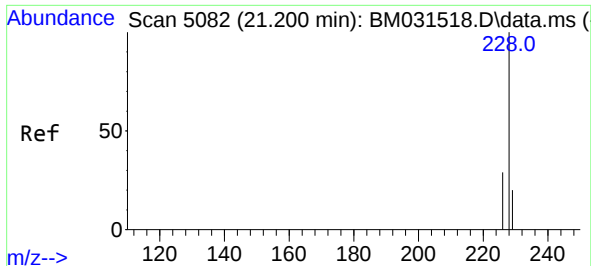
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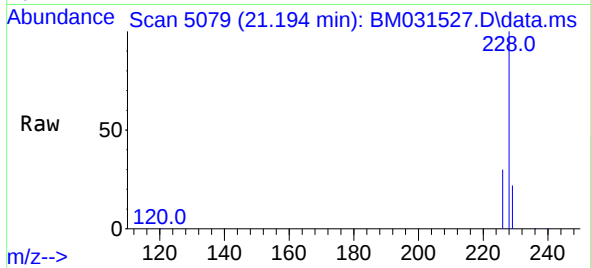
#21
Benzo(a)anthracene
Concen: 11.663 ng/ul
RT: 21.143 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:228 Resp: 201379
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.5 21.7 32.5

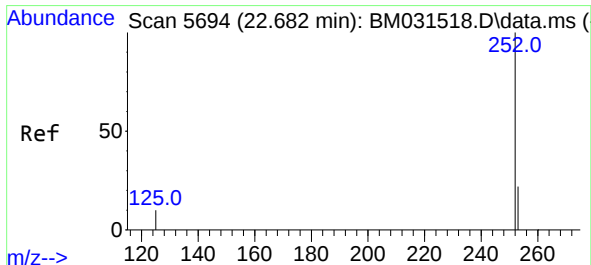
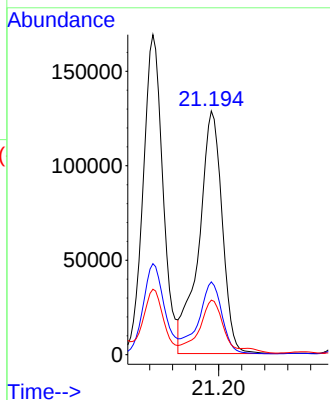
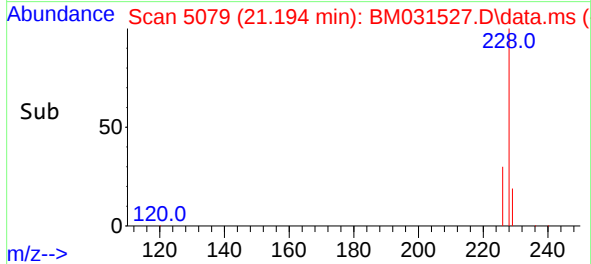




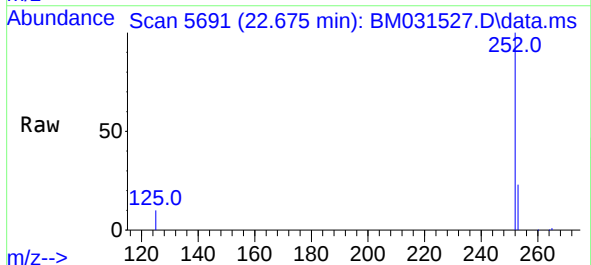
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Chrysene
Concen: 10.086 ng/ul
RT: 21.194 min Scan# 5079
Delta R.T. -0.006 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



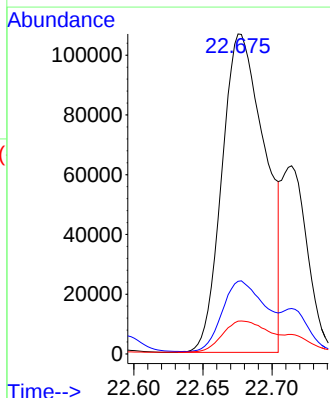
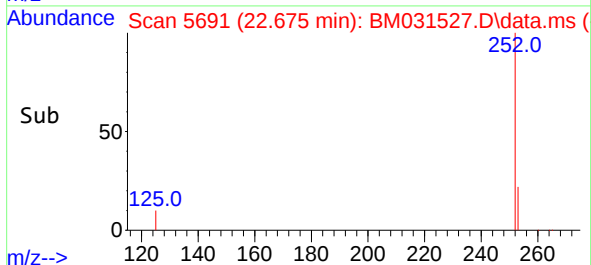
Tgt Ion:228 Resp: 180180
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.4 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 11.462 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.006 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



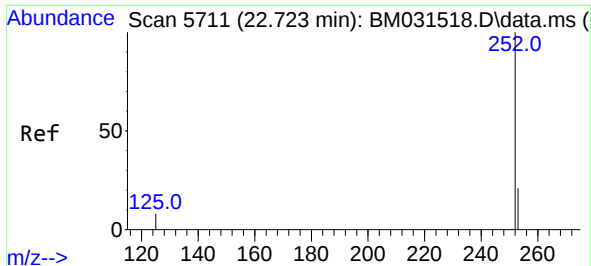
Tgt Ion:252 Resp: 232333
Ion Ratio Lower Upper
252 100
253 22.7 0.0 53.0
125 10.3 0.0 22.8



Instrument :
BNA_M
ClientSampled :
C0097

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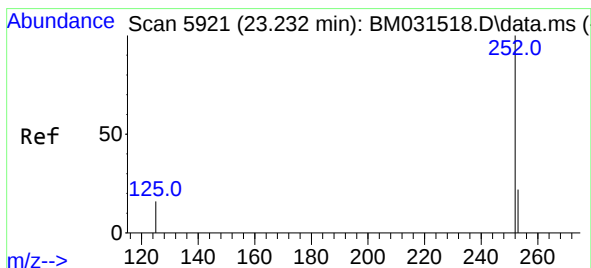
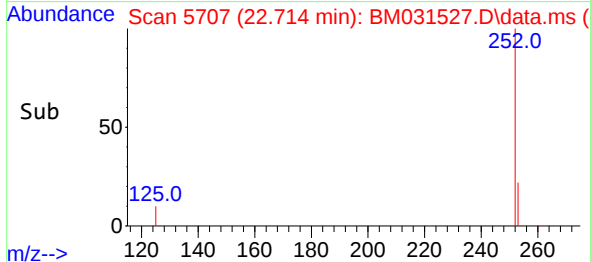
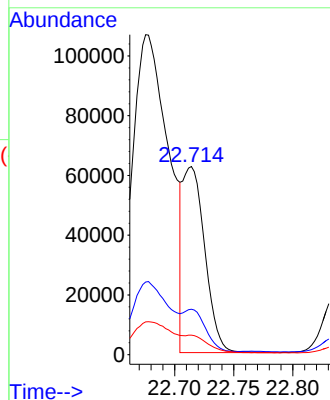
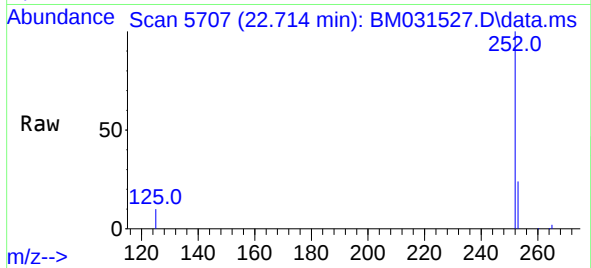
#25
Benzo(k)fluoranthene
Concen: 3.844 ng/ul m
RT: 22.714 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031527.D
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Tgt Ion:	252	Resp:	80508
Ion Ratio	Lower	Upper	
252	100		
253	24.2	21.3	31.9
125	10.4	8.8	13.2

Instrument :
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ClientSampled :
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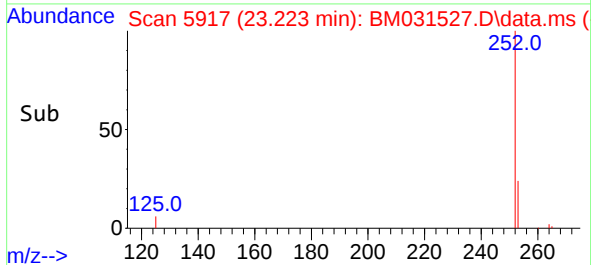
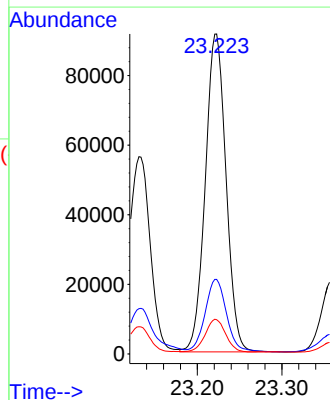
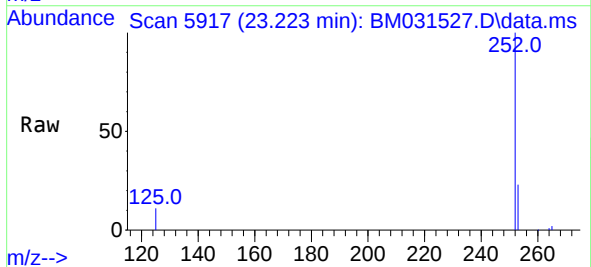
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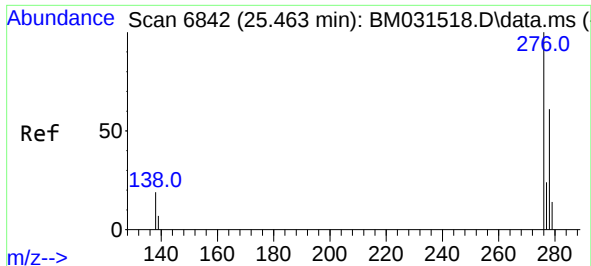
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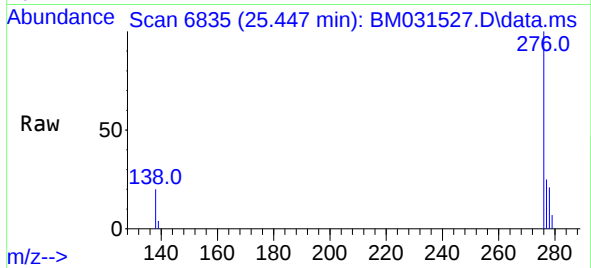
#26
Benzo(a)pyrene
Concen: 8.773 ng/ul m
RT: 23.223 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:	252	Resp:	155747
Ion Ratio	Lower	Upper	
252	100		
253	23.3	22.4	33.6
125	10.7	13.0	19.4#

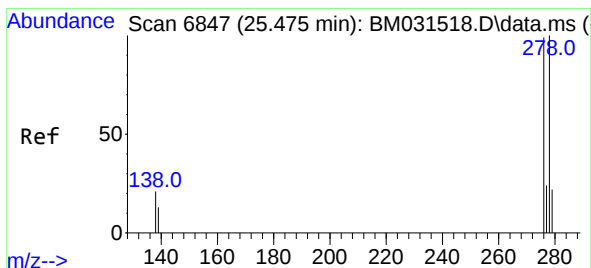
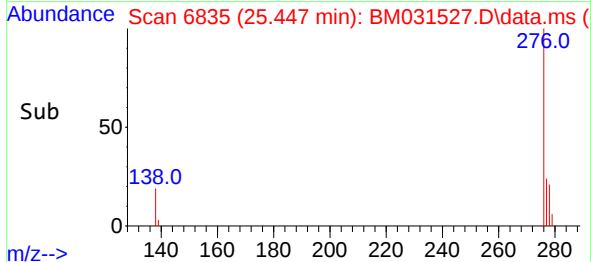
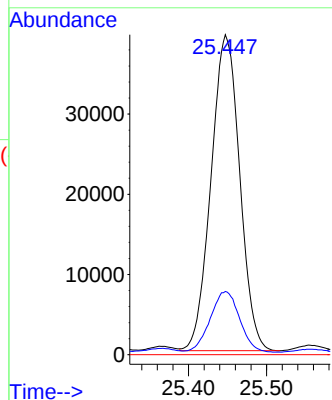




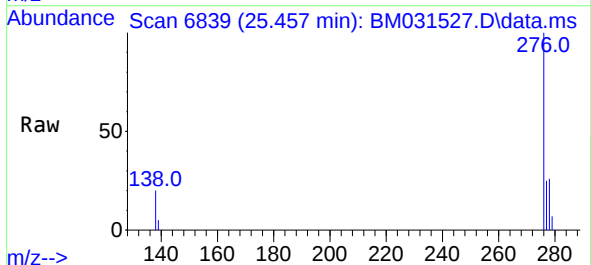
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.385 ng/ul
RT: 25.447 min Scan# 6835
Delta R.T. -0.016 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



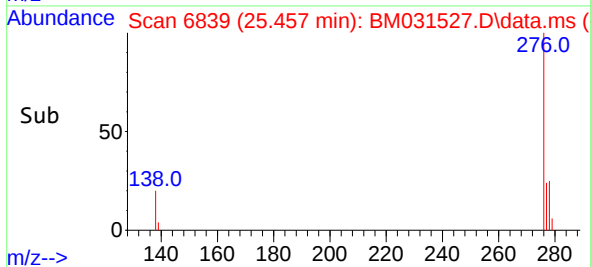
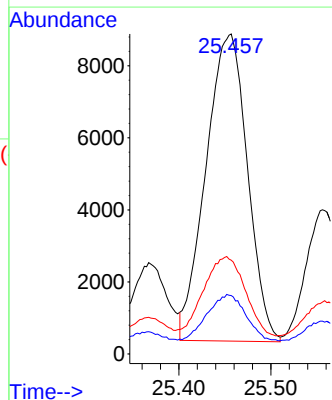
Tgt Ion: 276 Resp: 100627
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 1.447 ng/ul
RT: 25.457 min Scan# 6839
Delta R.T. -0.018 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11



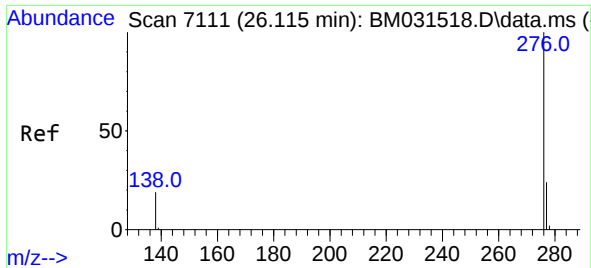
Tgt Ion: 278 Resp: 26768
Ion Ratio Lower Upper
278 100
139 18.3 13.3 19.9
279 29.3 22.8 34.2



Instrument :
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ClientSampled :
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#29
Benzo(g,h,i)perylene
Concen: 2.399 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.018 min
Lab File: BM031527.D
Acq: 06 Aug 2021 22:11

Tgt Ion:	276	Resp:	46957
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.4	23.2
277	24.5	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C0097

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