

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031296.D
 Acq On : 31 Jul 2021 04:42
 Operator : CG/JU
 Sample : M3091-14
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0052

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Quant Time: Jul 31 06:00:14 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 Jul 31 05:54:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	4972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5728	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	4620	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	4720	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3423	2.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1225	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2572	0.167	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.959	152	2266	0.182	ng/ul	96
15) Phenanthrene	17.027	178	1935	0.106	ng/ul	93
16) Anthracene	17.117	178	3704	0.218	ng/ul	97
19) Fluoranthene	19.046	202	5440	0.276	ng/ul#	94
20) Pyrene	19.409	202	11644	0.582	ng/ul#	95
21) Benzo(a)anthracene	21.159	228	7617	0.408	ng/ul	96
22) Chrysene	21.209	228	8361	0.433	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	16195m	0.762	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	6673m	0.304	ng/ul	
26) Benzo(a)pyrene	23.241	252	7231	0.388	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.480	276	4478	0.186	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	1303	0.067	ng/ul#	53
29) Benzo(g,h,i)perylene	26.134	276	3127	0.152	ng/ul#	87

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

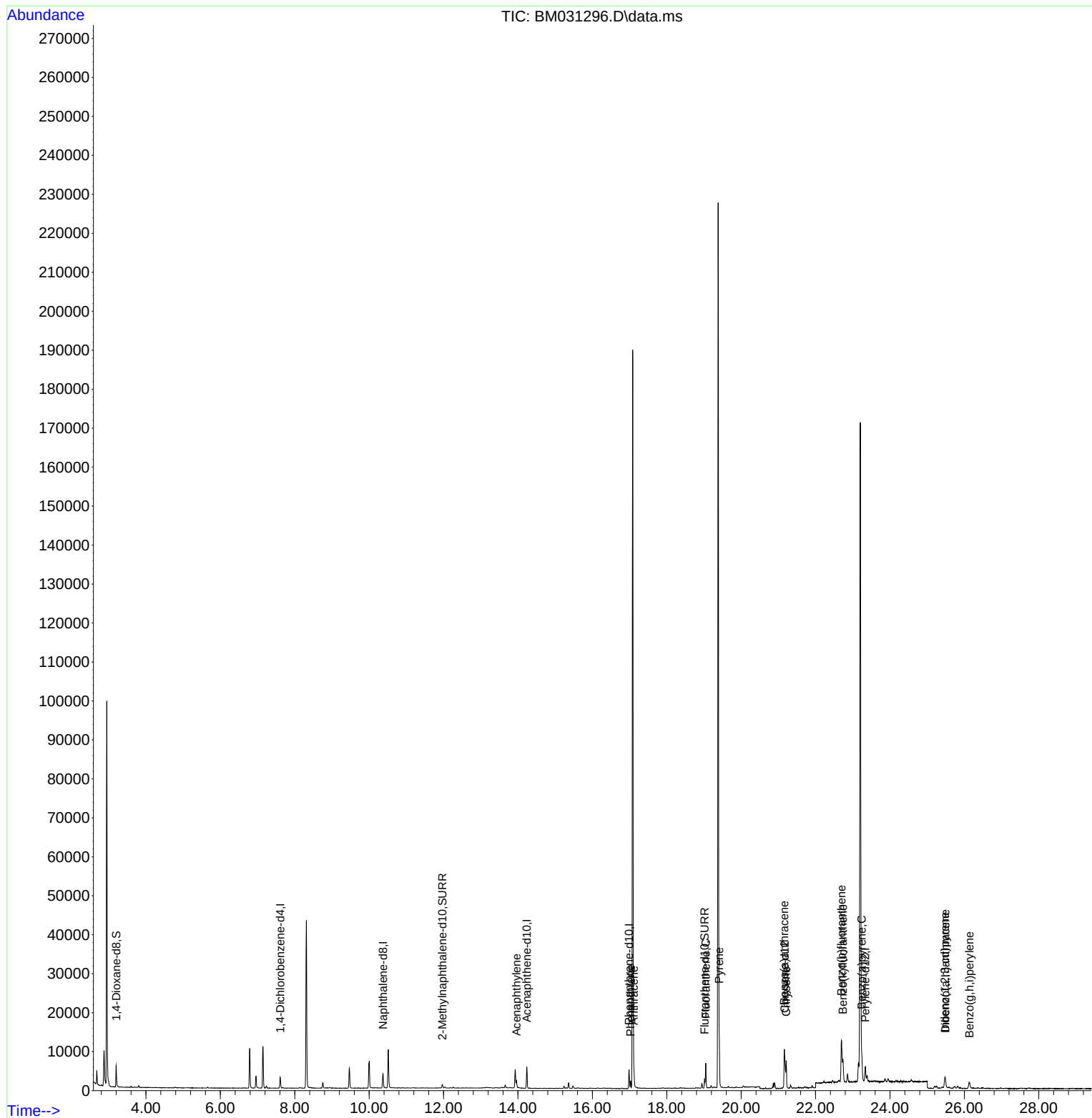
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Data File : BM031296.D
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ALS Vial : 61 Sample Multiplier: 1

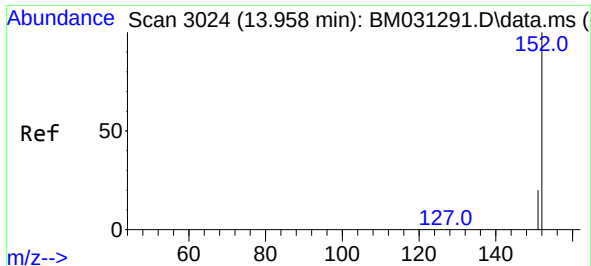
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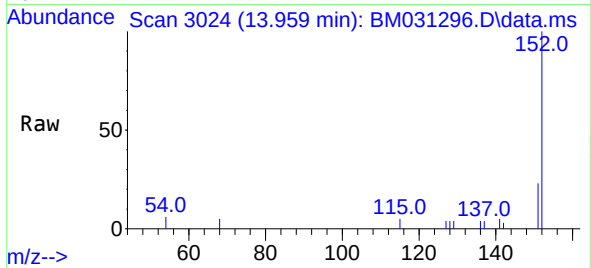
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Quant Time: Jul 31 06:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 31 05:54:32 2021
Response via : Initial Calibration



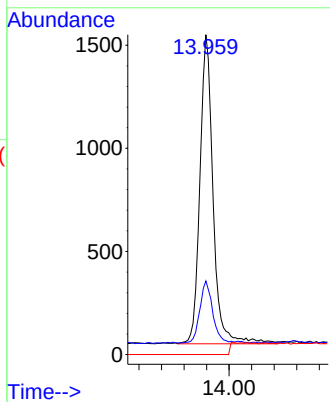
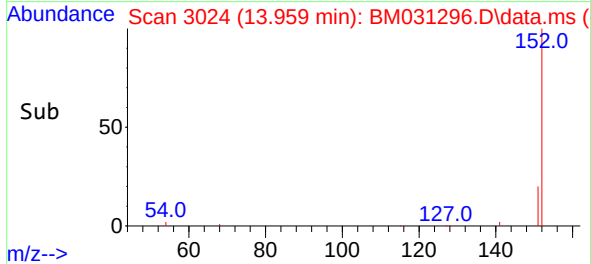


#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



Tgt Ion:152 Resp: 2266

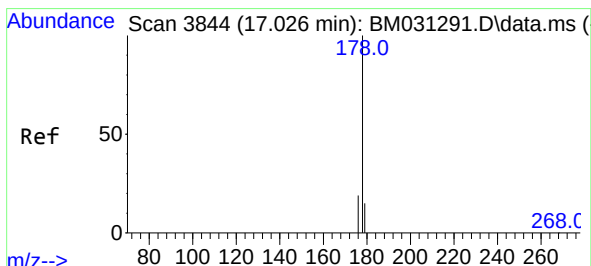
Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.9	25.3
153	0.0	0.0	0.0



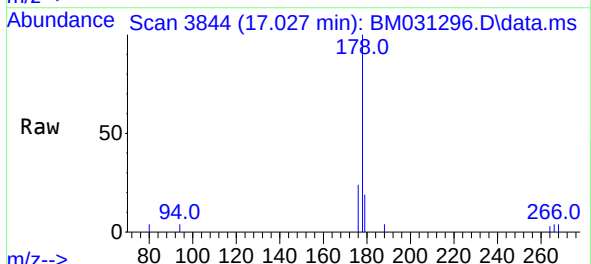
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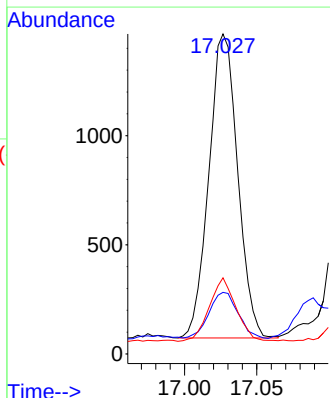
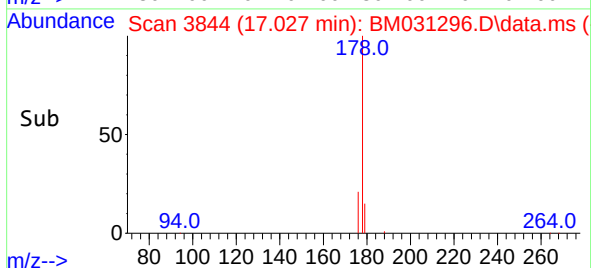


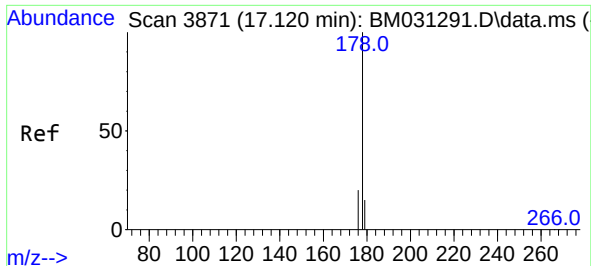
#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



Tgt Ion:178 Resp: 1935

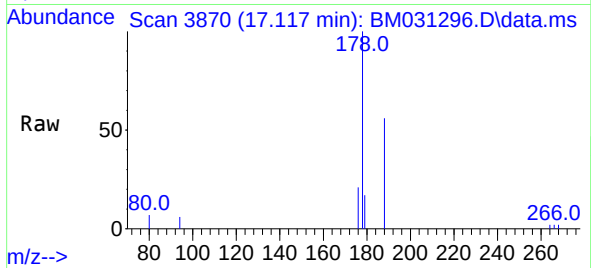
Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.3	19.9
176	23.8	16.2	24.4





#16
 Anthracene
 Concen: 0.218 ng/ul
 RT: 17.117 min Scan# 3870
 Delta R.T. -0.003 min
 Lab File: BM031296.D
 Acq: 31 Jul 2021 04:42

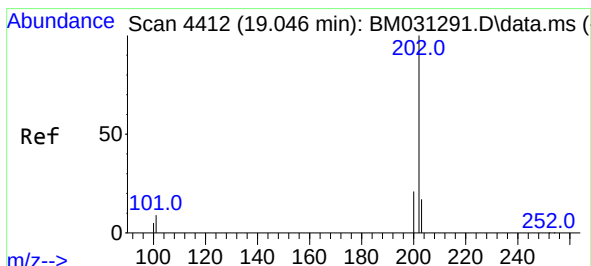
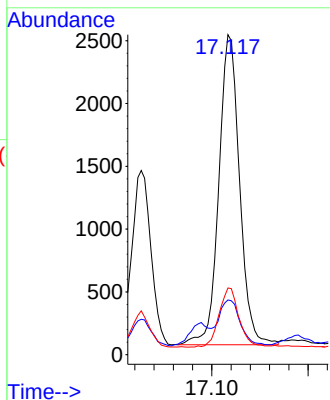
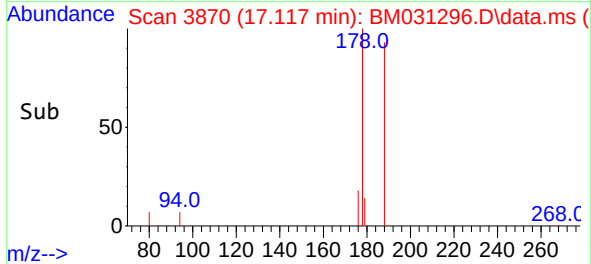
Instrument :
 BNA_M
 ClientSampled :
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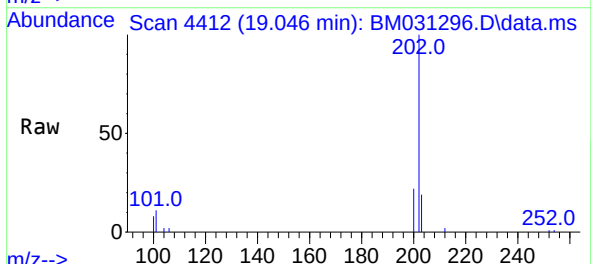
Tgt Ion:178 Resp: 3704
 Ion Ratio Lower Upper
 178 100
 179 17.1 13.0 19.6
 176 20.9 15.6 23.4

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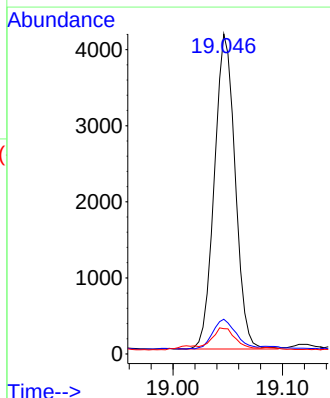
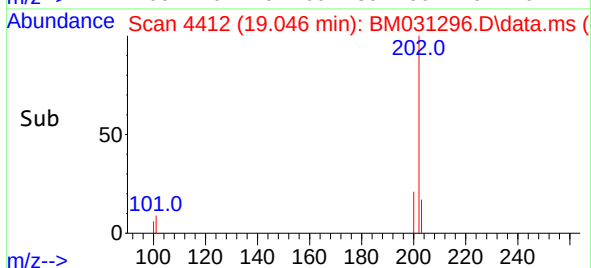
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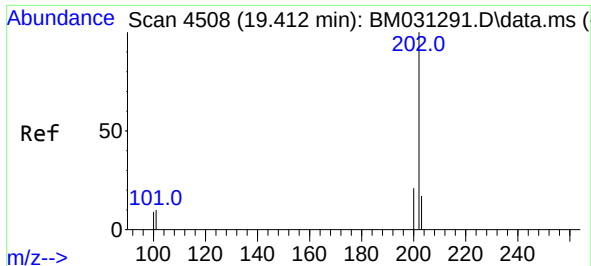


#19
 Fluoranthene
 Concen: 0.276 ng/ul
 RT: 19.046 min Scan# 4412
 Delta R.T. -0.004 min
 Lab File: BM031296.D
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Tgt Ion:202 Resp: 5440
 Ion Ratio Lower Upper
 202 100
 101 10.8 6.6 10.0#
 100 7.9 5.4 8.0





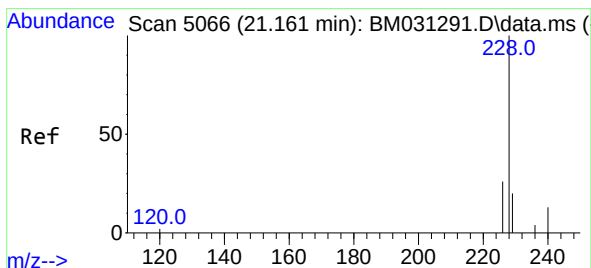
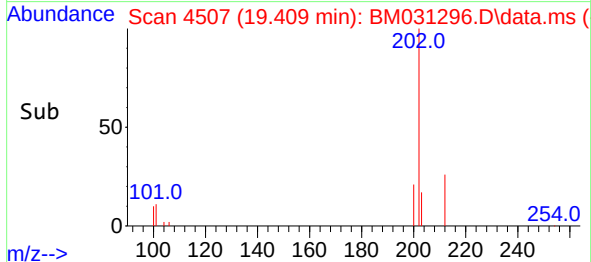
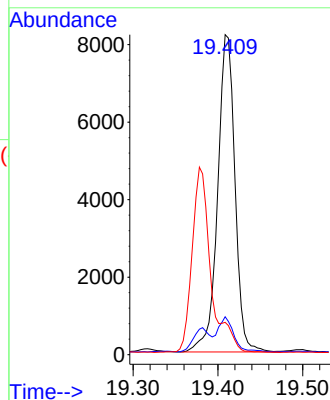
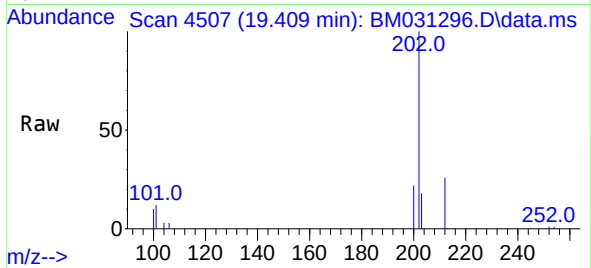
#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.8	11.6#
100	10.1	6.6	10.0#

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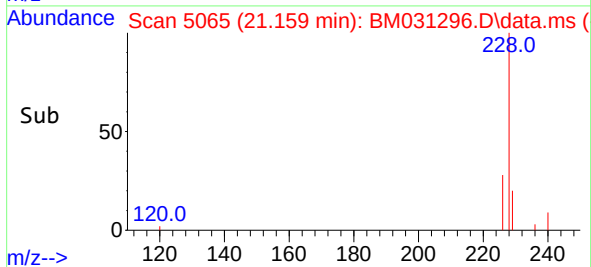
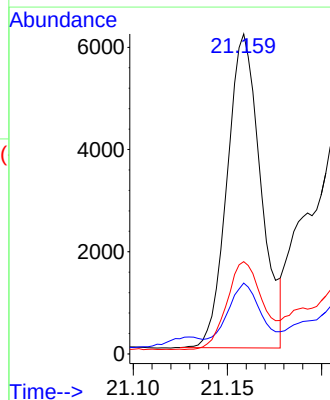
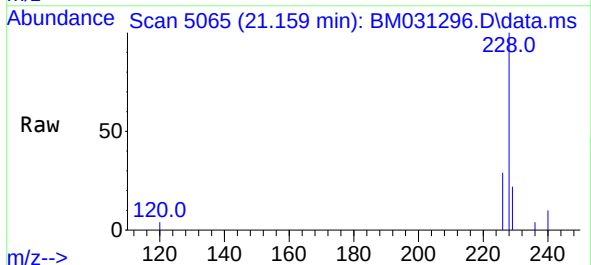
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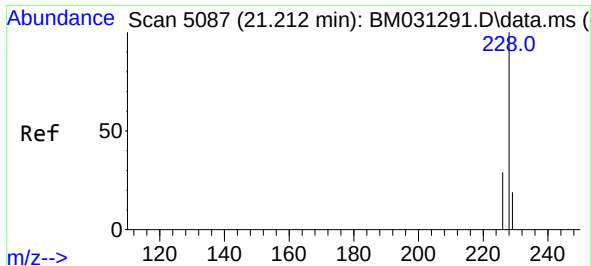
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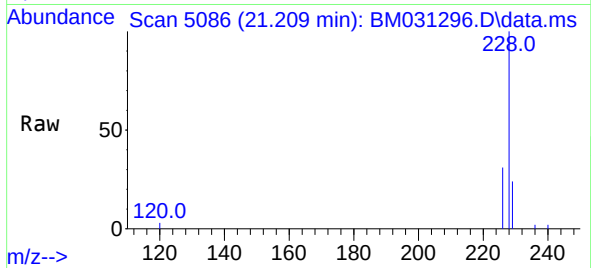
#21
Benzo(a)anthracene
Concen: 0.408 ng/u1
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	28.8	21.7	32.5

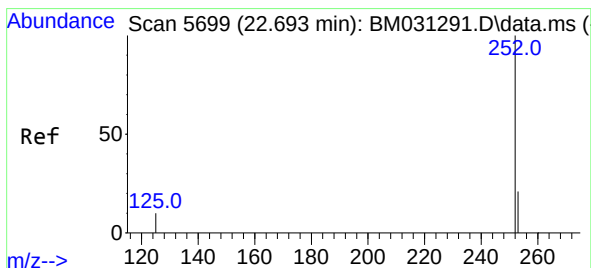
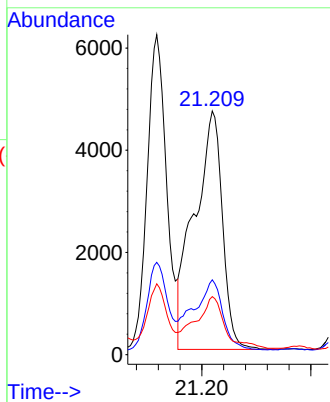
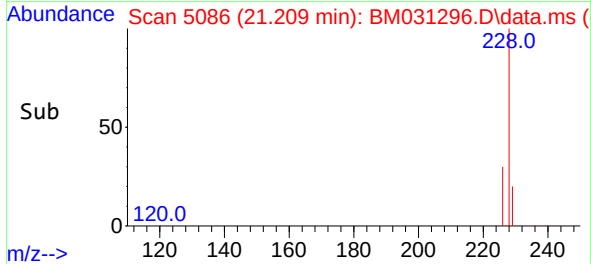




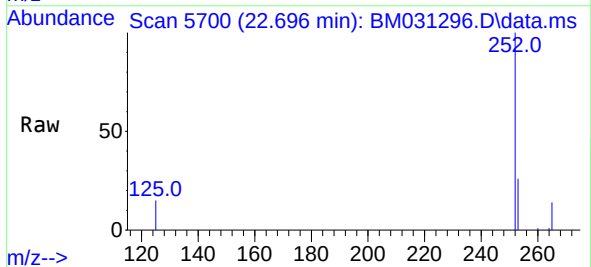
#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



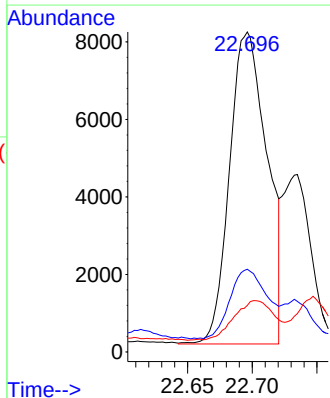
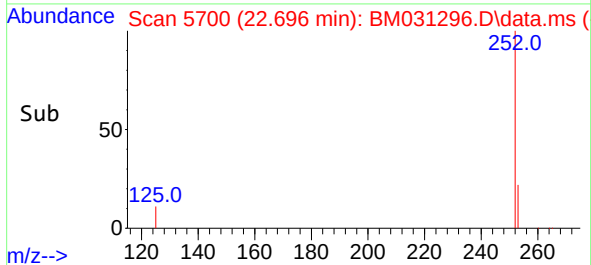
Tgt Ion:228 Resp: 8361
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 23.8 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



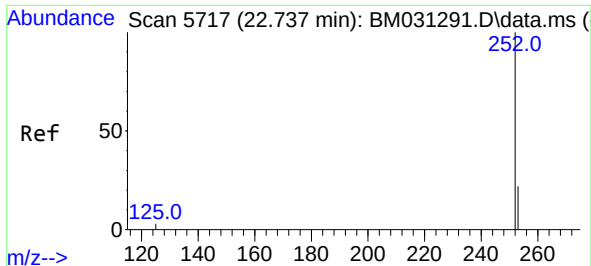
Tgt Ion:252 Resp: 16195
Ion Ratio Lower Upper
252 100
253 25.9 0.0 53.0
125 14.6 0.0 22.8



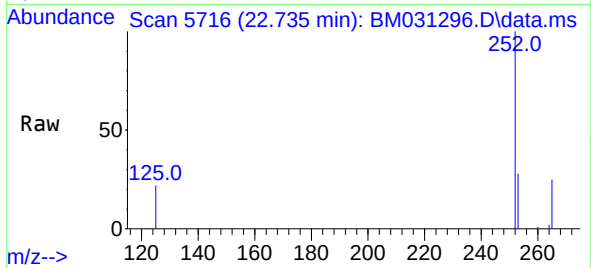
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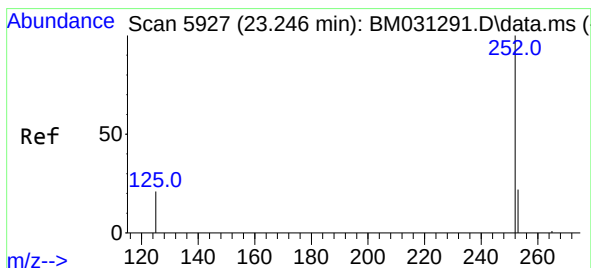
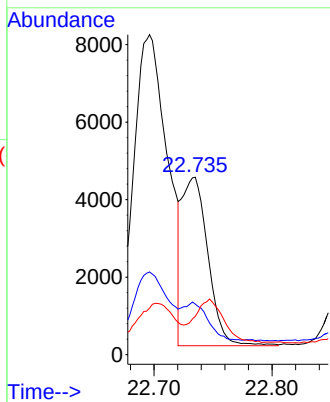
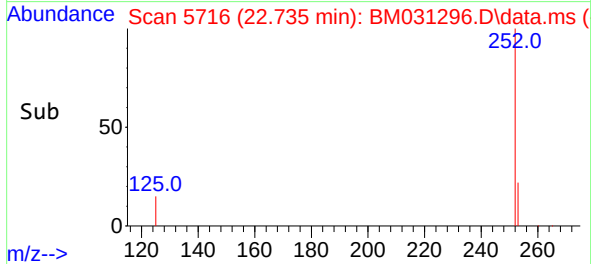
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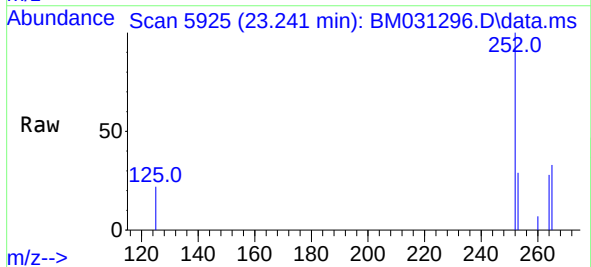
#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul m
RT: 22.735 min Scan# 5716
Delta R.T. -0.005 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



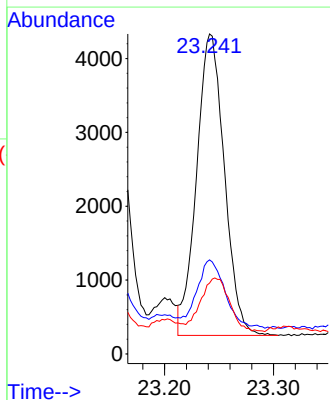
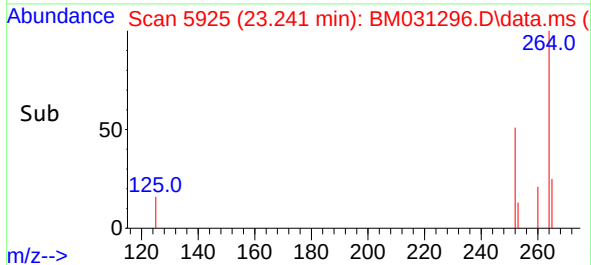
Tgt Ion:252 Resp: 6673
Ion Ratio Lower Upper
252 100
253 28.5 21.3 31.9
125 21.7 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42



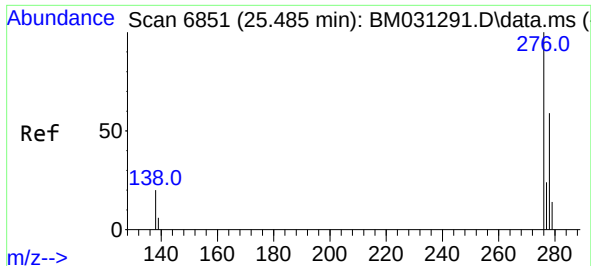
Tgt Ion:252 Resp: 7231
Ion Ratio Lower Upper
252 100
253 29.4 22.4 33.6
125 22.1 13.0 19.4#



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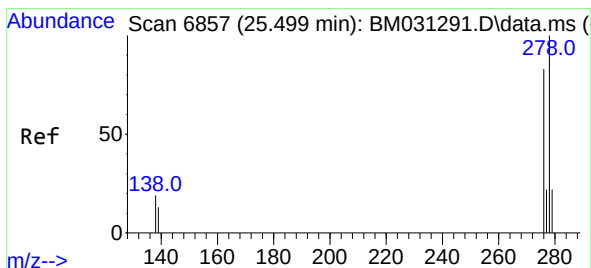
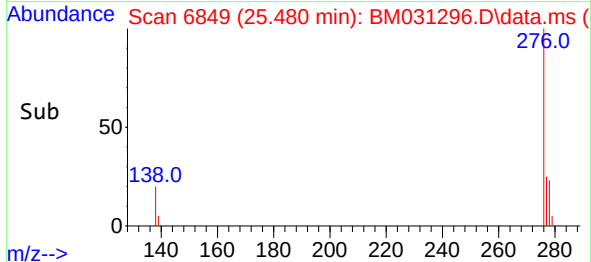
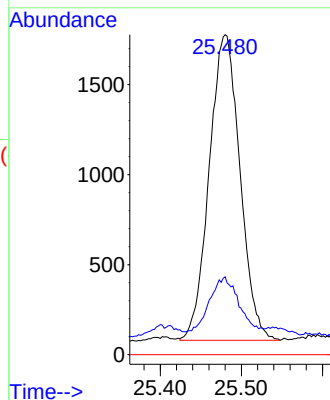
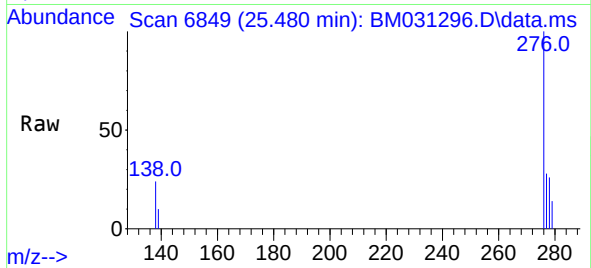
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031296.D
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Tgt Ion: 276 Resp: 4478
Ion Ratio Lower Upper
276 100
138 20.4 15.8 23.8
227 0.0 0.0 0.0

Instrument :
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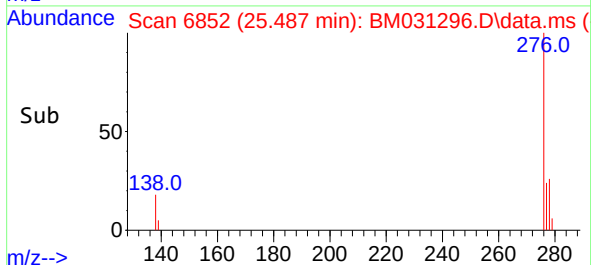
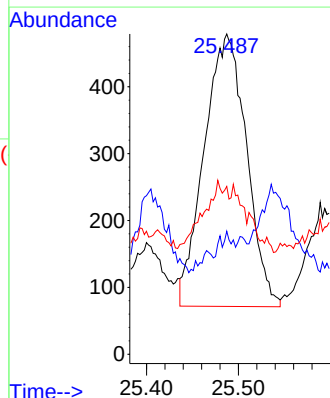
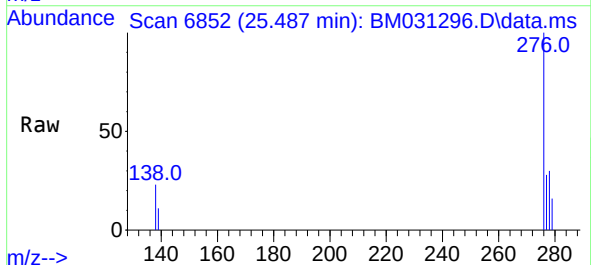
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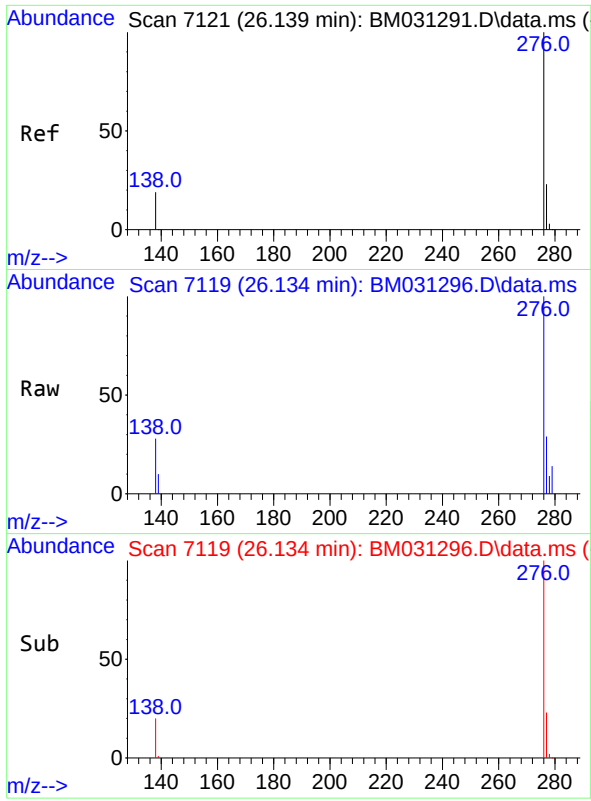
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#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.017 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42

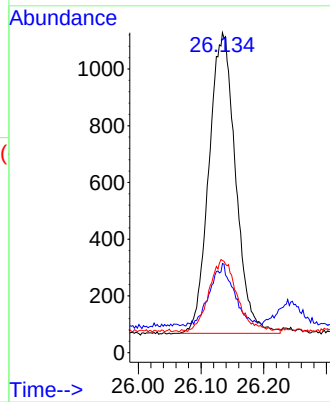
Tgt Ion: 278 Resp: 1303
Ion Ratio Lower Upper
278 100
139 38.4 13.3 19.9#
279 52.4 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031296.D
Acq: 31 Jul 2021 04:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	15.4	23.2#
277	28.8	19.9	29.9



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