

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031243.D
 Acq On : 29 Jul 2021 11:44
 Operator : CG/JU
 Sample : M3082-18DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0016DL

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Quant Time: Jul 29 12:21:19 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 : Thu Jul 29 10:56:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1693	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6342	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3753	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7342	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	5884	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	5721	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1033	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	435	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	877	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	1288	0.068	ng/ul#	88
7) 2-Methylnaphthalene	12.047	142	1273	0.099	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	813	0.064	ng/ul	99
10) Acenaphthylene	13.963	152	2310	0.145	ng/ul	95
11) Acenaphthene	14.307	153	335	0.025	ng/ul#	93
12) Fluorene	15.297	166	1140	0.074	ng/ul#	92
15) Phenanthrene	17.034	178	18141	0.778	ng/ul	98
16) Anthracene	17.124	178	8711	0.399	ng/ul	100
19) Fluoranthene	19.050	202	47710	1.899	ng/ul	97
20) Pyrene	19.416	202	30397	1.193	ng/ul	98
21) Benzo(a)anthracene	21.164	228	21788	0.917	ng/ul	97
22) Chrysene	21.215	228	25490	1.037	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	33457m	1.298	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	13376m	0.502	ng/ul	
26) Benzo(a)pyrene	23.251	252	10324	0.457	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.490	276	10014	0.343	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.500	278	3857	0.164	ng/ul#	78
29) Benzo(g,h,i)perylene	26.149	276	622	0.025	ng/ul#	32

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

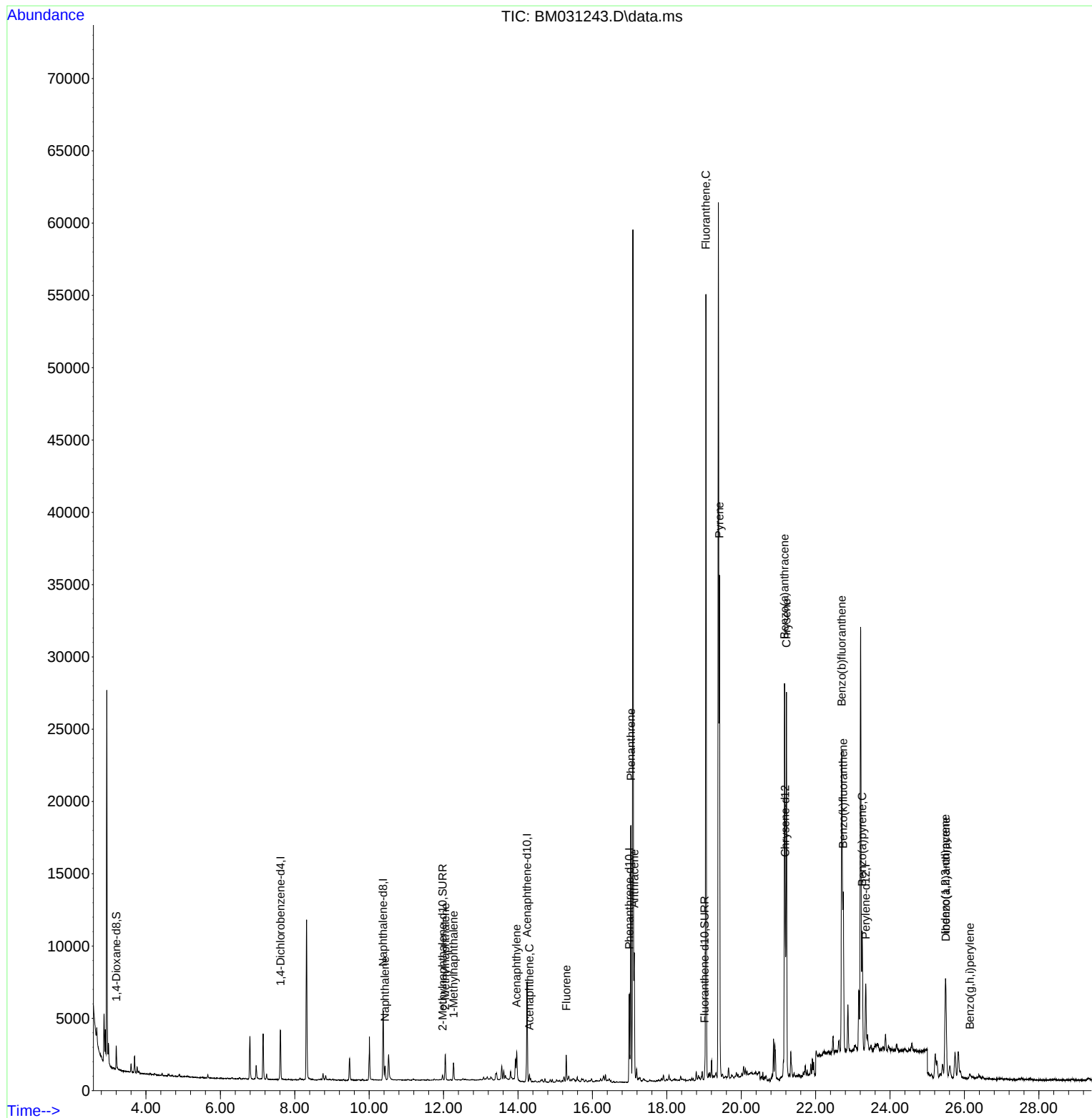
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Data File : BM031243.D
Acq On : 29 Jul 2021 11:44
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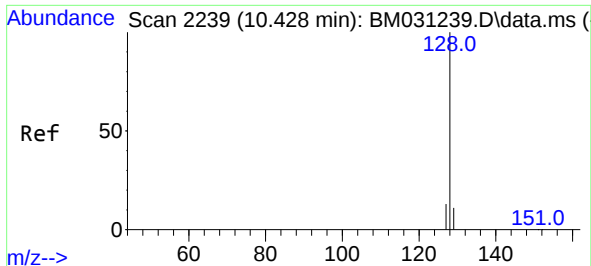
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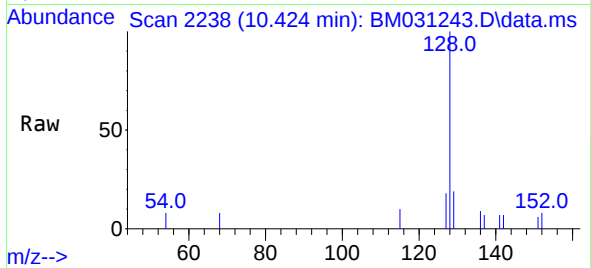
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Quant Time: Jul 29 12:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 10:56:05 2021
Response via : Initial Calibration

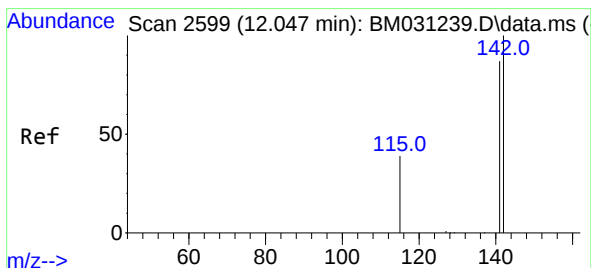
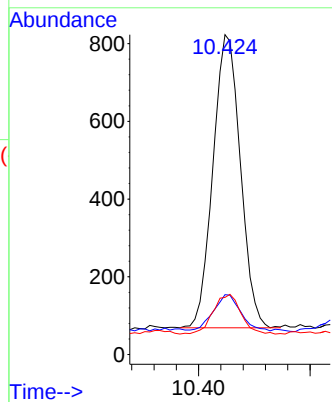
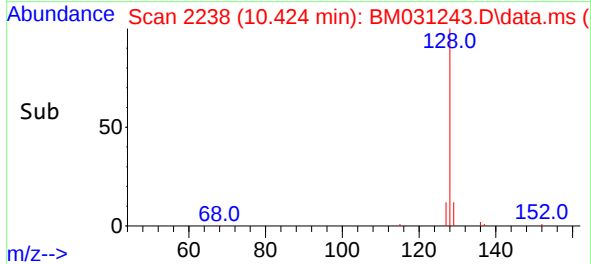




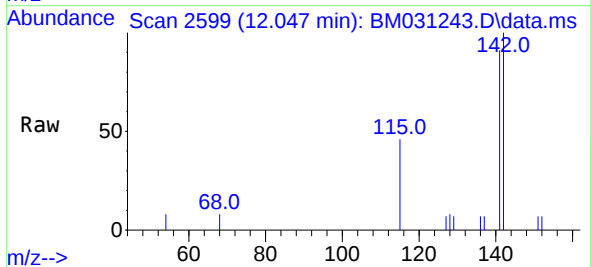
#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



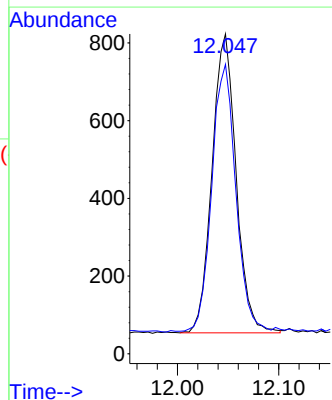
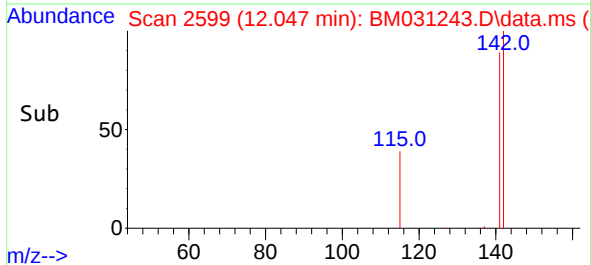
Tgt Ion:128 Resp: 1288
Ion Ratio Lower Upper
128 100
129 18.7 10.0 15.0#
127 17.9 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



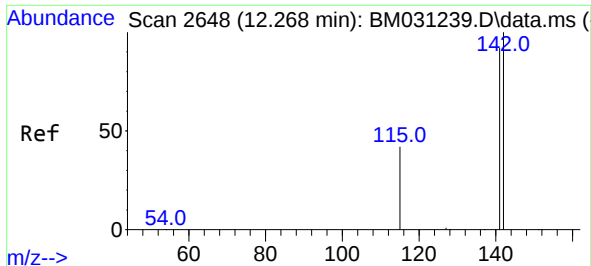
Tgt Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



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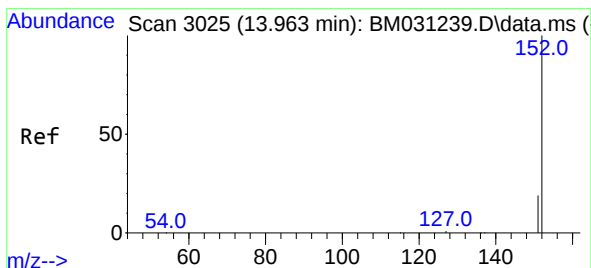
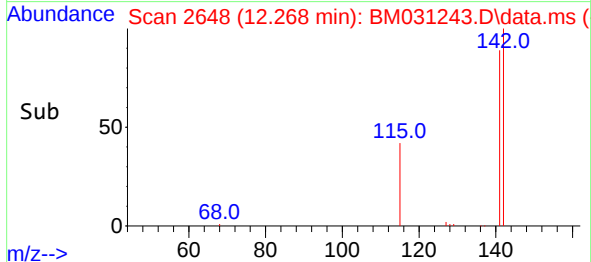
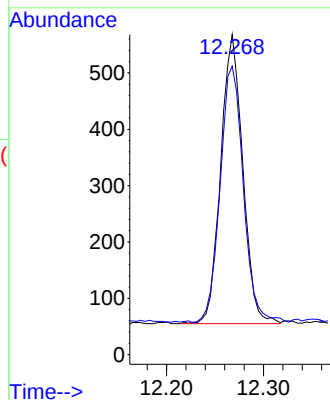
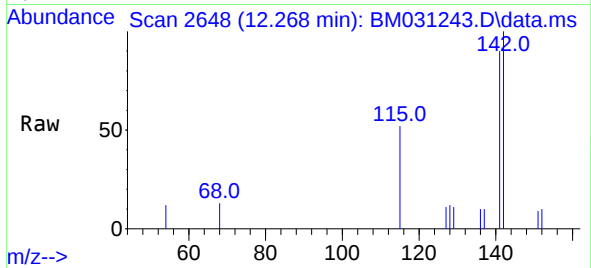
#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031243.D
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Tgt Ion:142 Resp: 813
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

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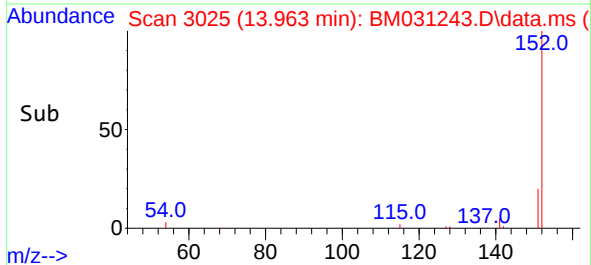
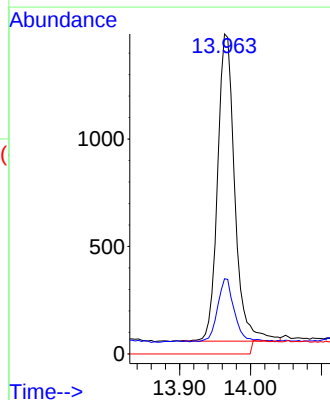
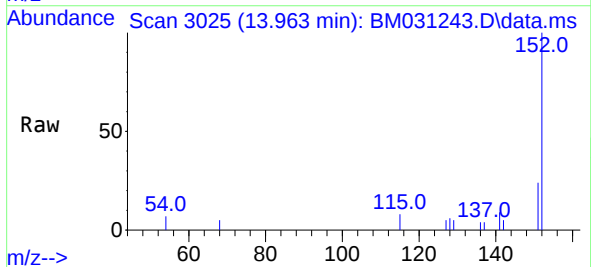
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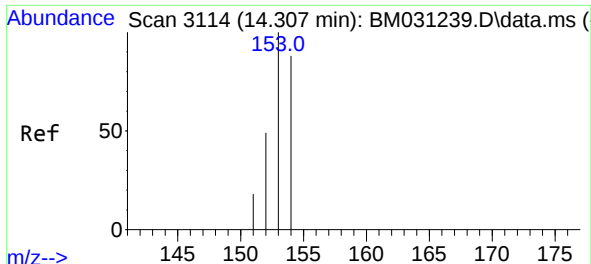
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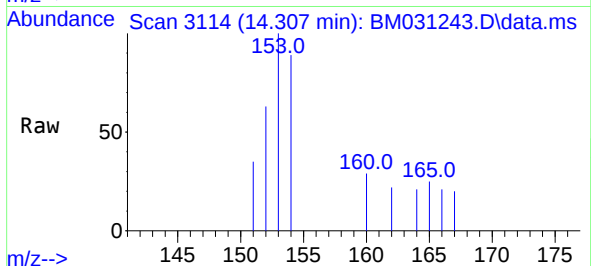
#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031243.D
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Tgt Ion:152 Resp: 2310
Ion Ratio Lower Upper
152 100
151 23.5 16.9 25.3
153 0.0 0.0 0.0

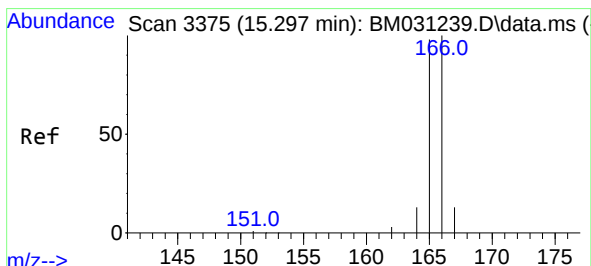
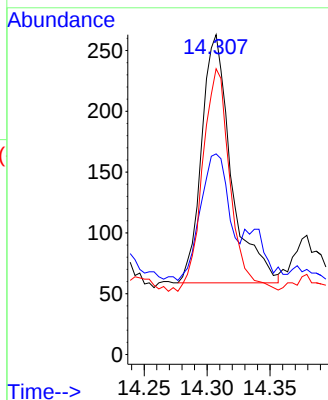
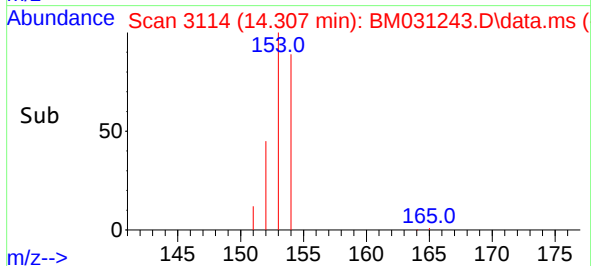




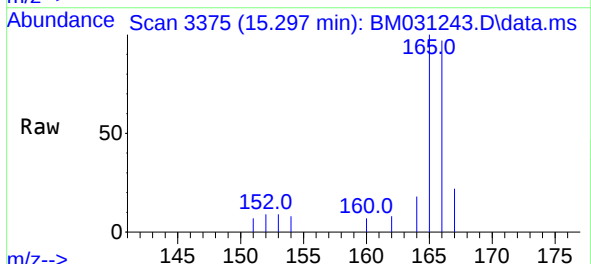
#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



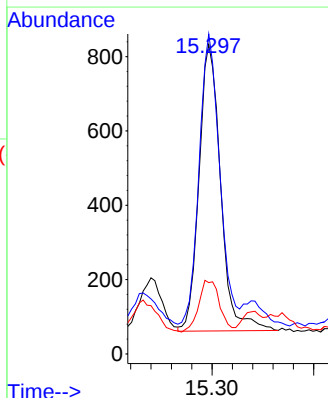
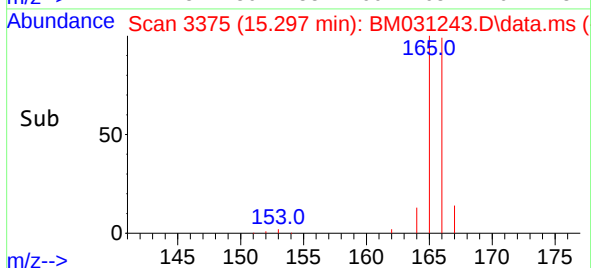
Tgt Ion:153 Resp: 335
Ion Ratio Lower Upper
153 100
152 62.7 40.7 61.1#
154 89.4 70.2 105.2



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



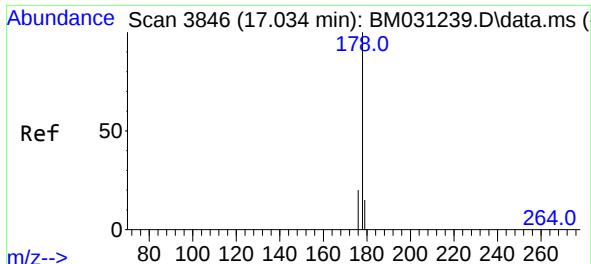
Tgt Ion:166 Resp: 1140
Ion Ratio Lower Upper
166 100
165 103.4 78.0 117.0
167 23.0 12.0 18.0#



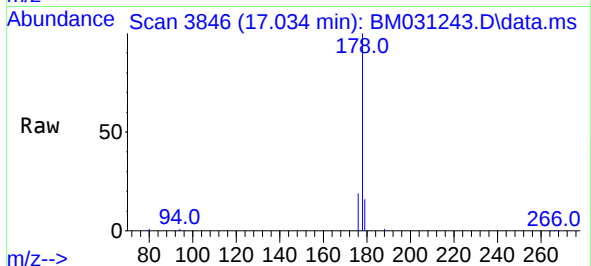
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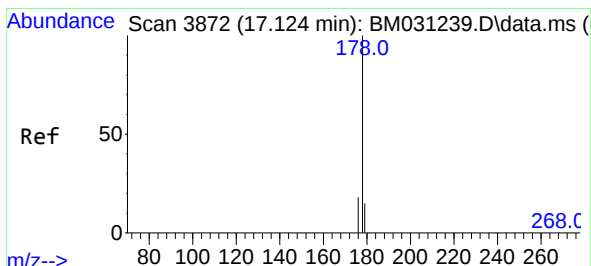
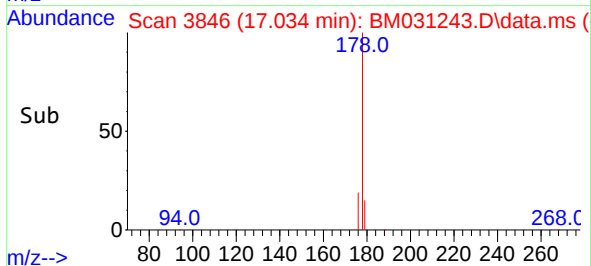
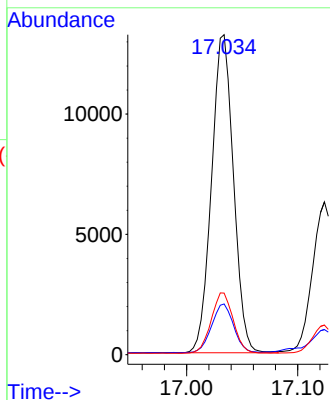
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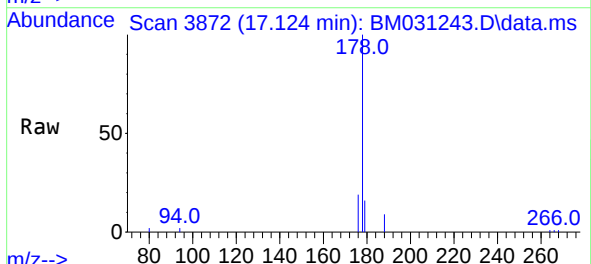
#15
Phenanthrene
Concen: 0.778 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



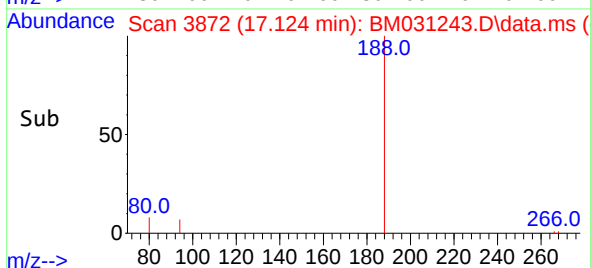
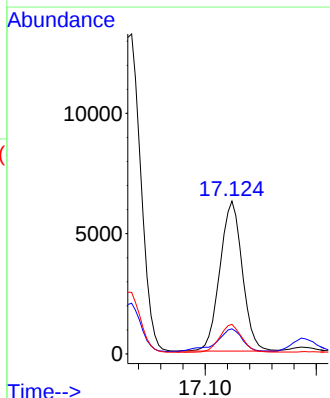
Tgt Ion:178 Resp: 18141
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.399 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



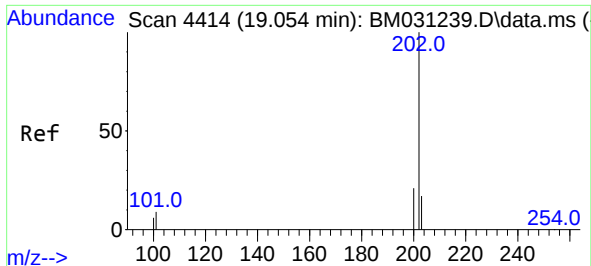
Tgt Ion:178 Resp: 8711
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.4 15.6 23.4



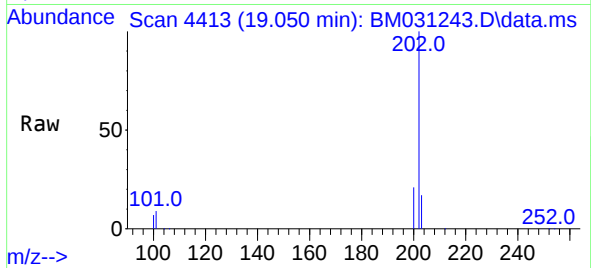
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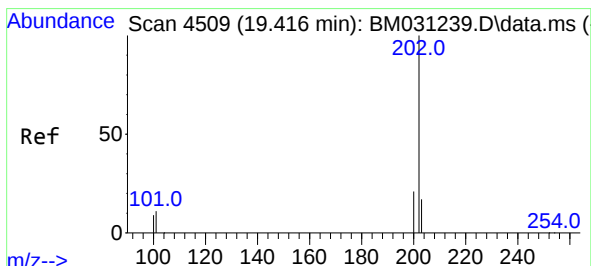
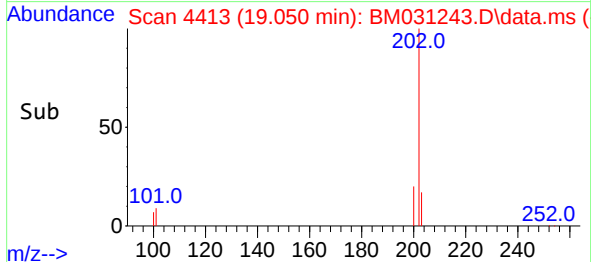
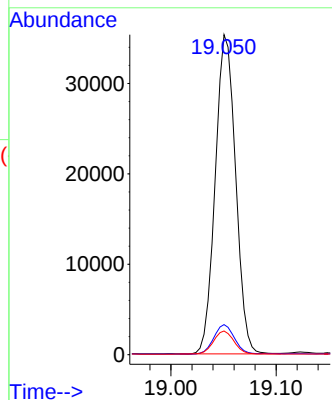
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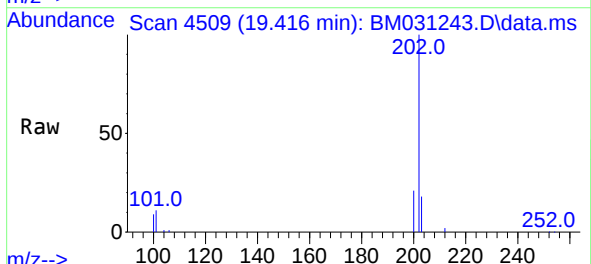
#19
Fluoranthene
Concen: 1.899 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



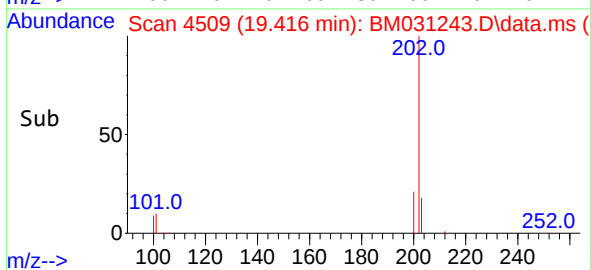
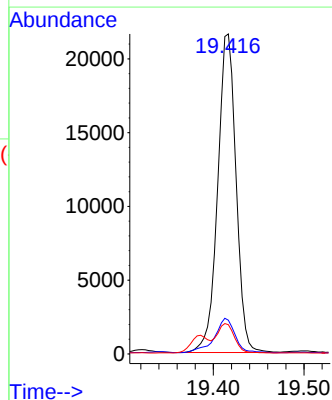
Tgt Ion:202 Resp: 47710
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.4 5.4 8.0



#20
Pyrene
Concen: 1.193 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031243.D
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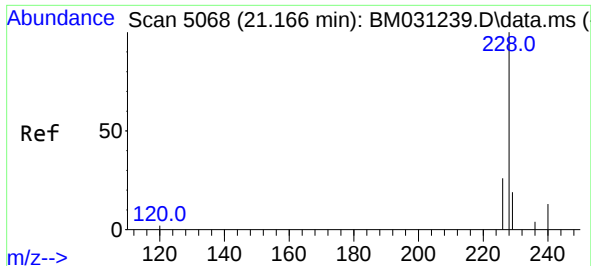
Tgt Ion:202 Resp: 30397
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.6
100 9.2 6.6 10.0



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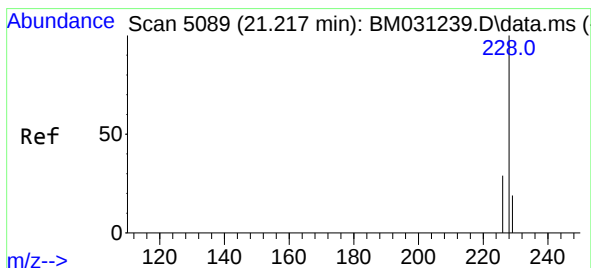
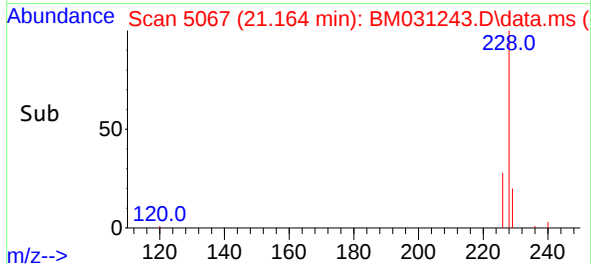
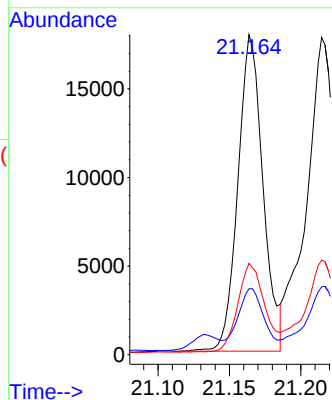
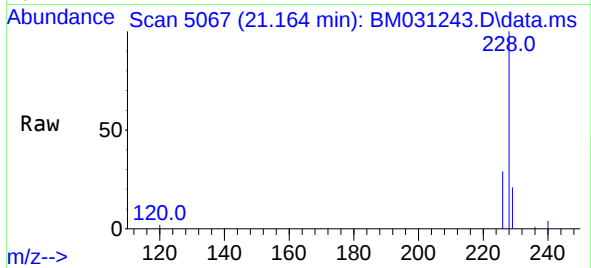
#21
Benzo(a)anthracene
Concen: 0.917 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031243.D
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Tgt Ion:228	Resp:	21788
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.6 23.4
226	28.5	21.7 32.5

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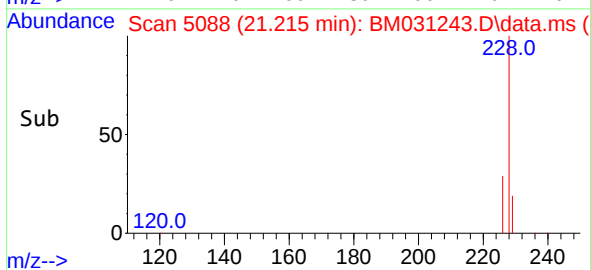
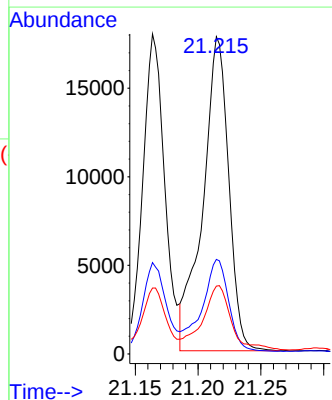
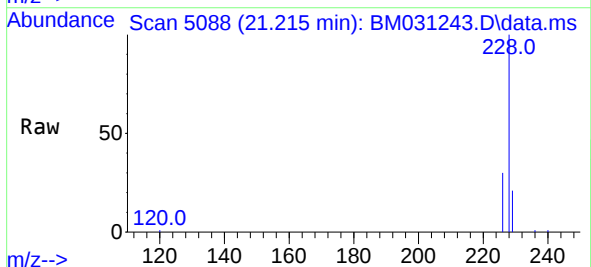
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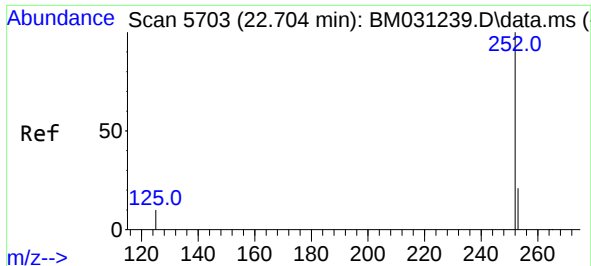
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#22
Chrysene
Concen: 1.037 ng/ul
RT: 21.215 min Scan# 5088
Delta R.T. -0.002 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44

Tgt Ion:228	Resp:	25490
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	21.4	16.2 24.2





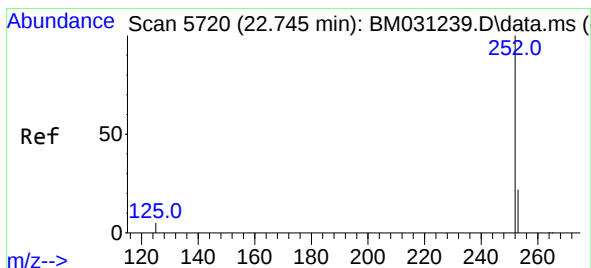
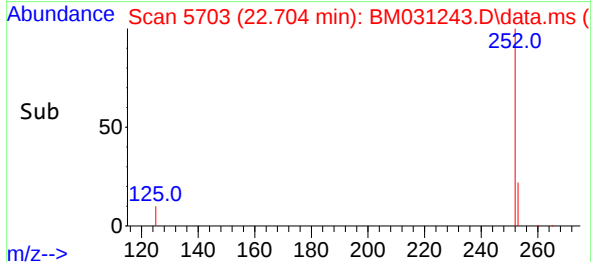
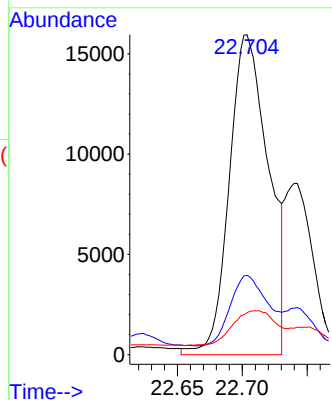
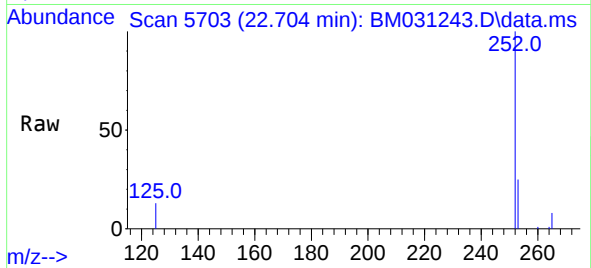
#24
Benzo(b)fluoranthene
Concen: 1.298 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.000 min
Lab File: BM031243.D
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Tgt Ion:252	Resp:	33457
Ion Ratio	Lower	Upper
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253	24.8	0.0 53.0
125	13.1	0.0 22.8

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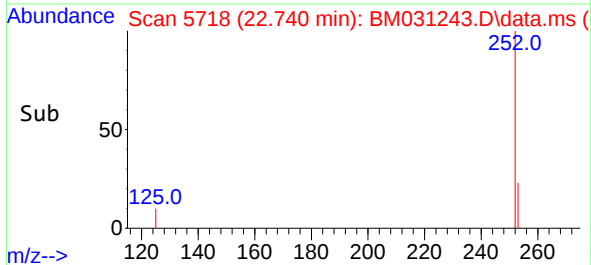
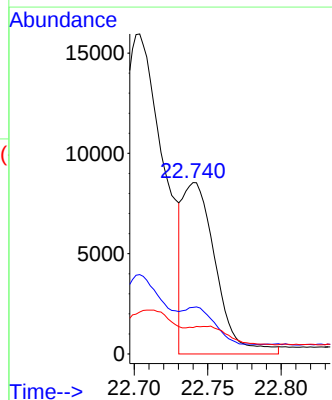
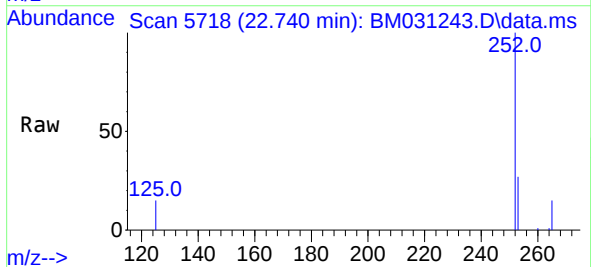
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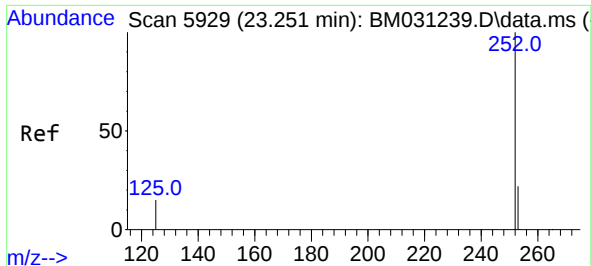
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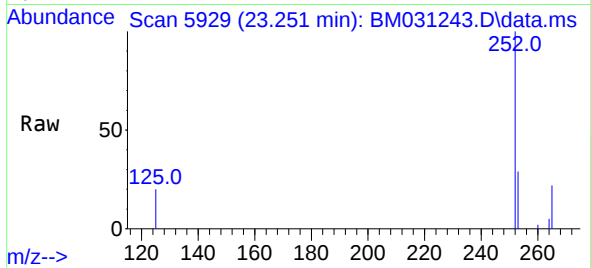
#25
Benzo(k)fluoranthene
Concen: 0.502 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.005 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44

Tgt Ion:252	Resp:	13376
Ion Ratio	Lower	Upper
252	100	
253	27.2	21.3 31.9
125	15.4	8.8 13.2#

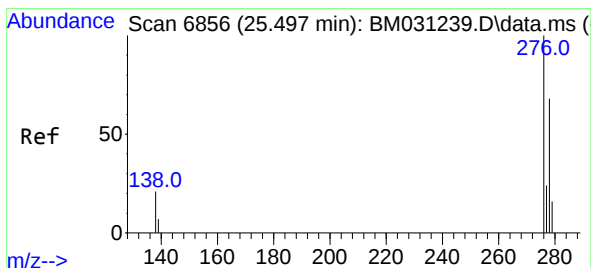
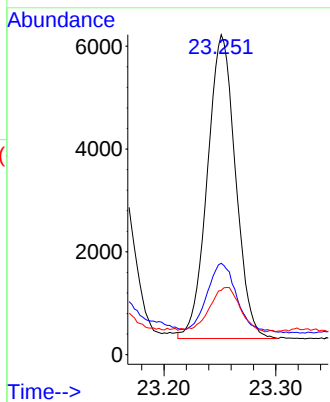
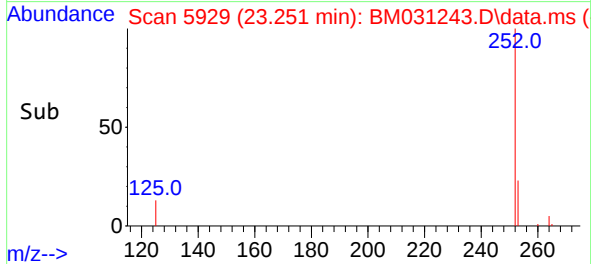




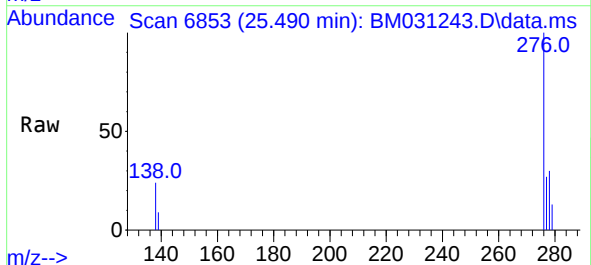
#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. -0.000 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



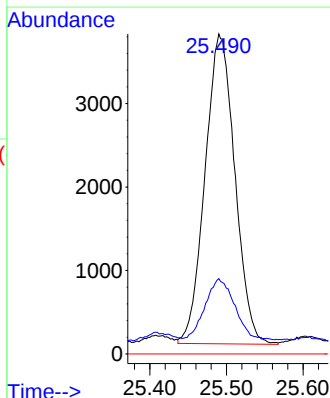
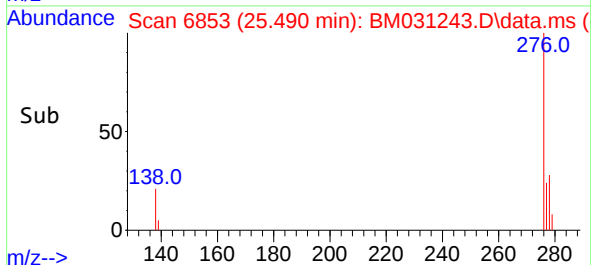
Tgt Ion:252 Resp: 10324
Ion Ratio Lower Upper
252 100
253 28.5 22.4 33.6
125 20.1 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44



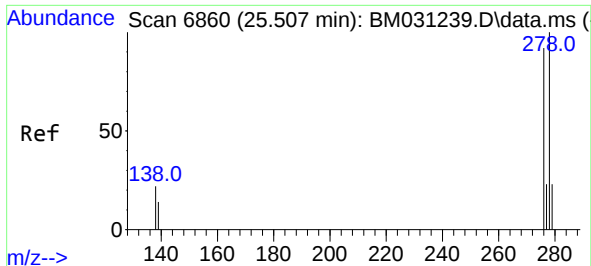
Tgt Ion:276 Resp: 10014
Ion Ratio Lower Upper
276 100
138 21.2 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0016DL

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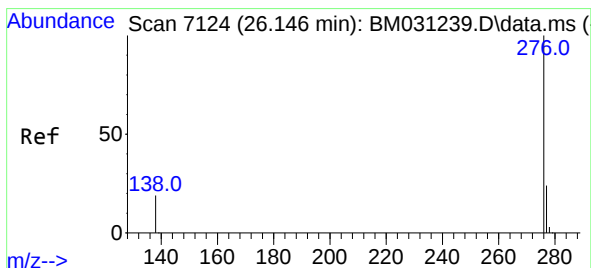
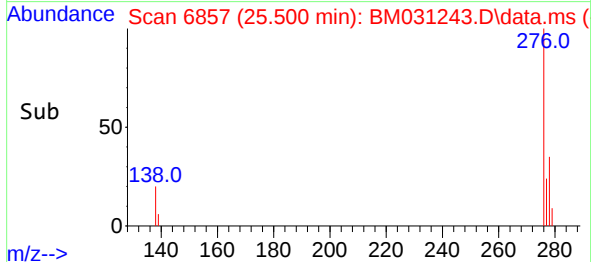
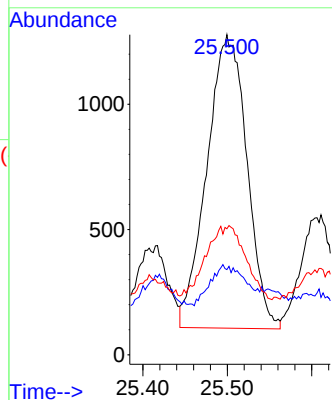
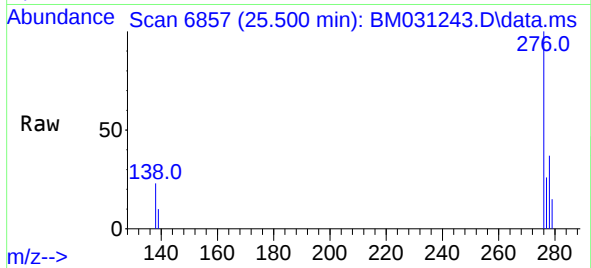
#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. -0.007 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44

Tgt Ion:278 Resp: 3857
Ion Ratio Lower Upper
278 100
139 26.6 13.3 19.9#
279 39.4 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0016DL

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#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. 0.002 min
Lab File: BM031243.D
Acq: 29 Jul 2021 11:44

Tgt Ion:276 Resp: 622
Ion Ratio Lower Upper
276 100
138 57.4 15.4 23.2#
277 52.8 19.9 29.9#

