

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031404.D
 Acq On : 03 Aug 2021 09:15
 Operator : CG/JU
 Sample : M3123-18DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0079DL

Manual Integrations
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Quant Time: Aug 03 11:05:05 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1618	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6173	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3592	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	6772	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	5144	0.40	ng/ul	# 0.00
23) Perylene-d12	23.328	264	4866	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	465	0.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	220	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	427	0.02	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.410	128	2773	0.15	ng/ul	96
7) 2-Methylnaphthalene	12.029	142	2472	0.20	ng/ul	99
8) 1-Methylnaphthalene	12.249	142	1435	0.12	ng/ul	98
10) Acenaphthylene	13.950	152	1159	0.08	ng/ul#	86
11) Acenaphthene	14.288	153	322	0.03	ng/ul#	92
12) Fluorene	15.281	166	403	0.03	ng/ul#	82
15) Phenanthrene	17.016	178	19833	0.92	ng/ul	98
16) Anthracene	17.110	178	3069m	0.15	ng/ul	
19) Fluoranthene	19.039	202	36125	1.64	ng/ul	98
20) Pyrene	19.401	202	32384	1.45	ng/ul	97
21) Benzo(a)anthracene	21.154	228	15531	0.75	ng/ul	96
22) Chrysene	21.205	228	19512	0.91	ng/ul	98
24) Benzo(b)fluoranthene	22.686	252	21766m	0.99	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	7362m	0.33	ng/ul	
26) Benzo(a)pyrene	23.234	252	11585	0.60	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.465	276	9304	0.37	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.468	278	2571	0.13	ng/ul#	75
29) Benzo(g,h,i)perylene	26.117	276	1314	0.06	ng/ul#	69

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

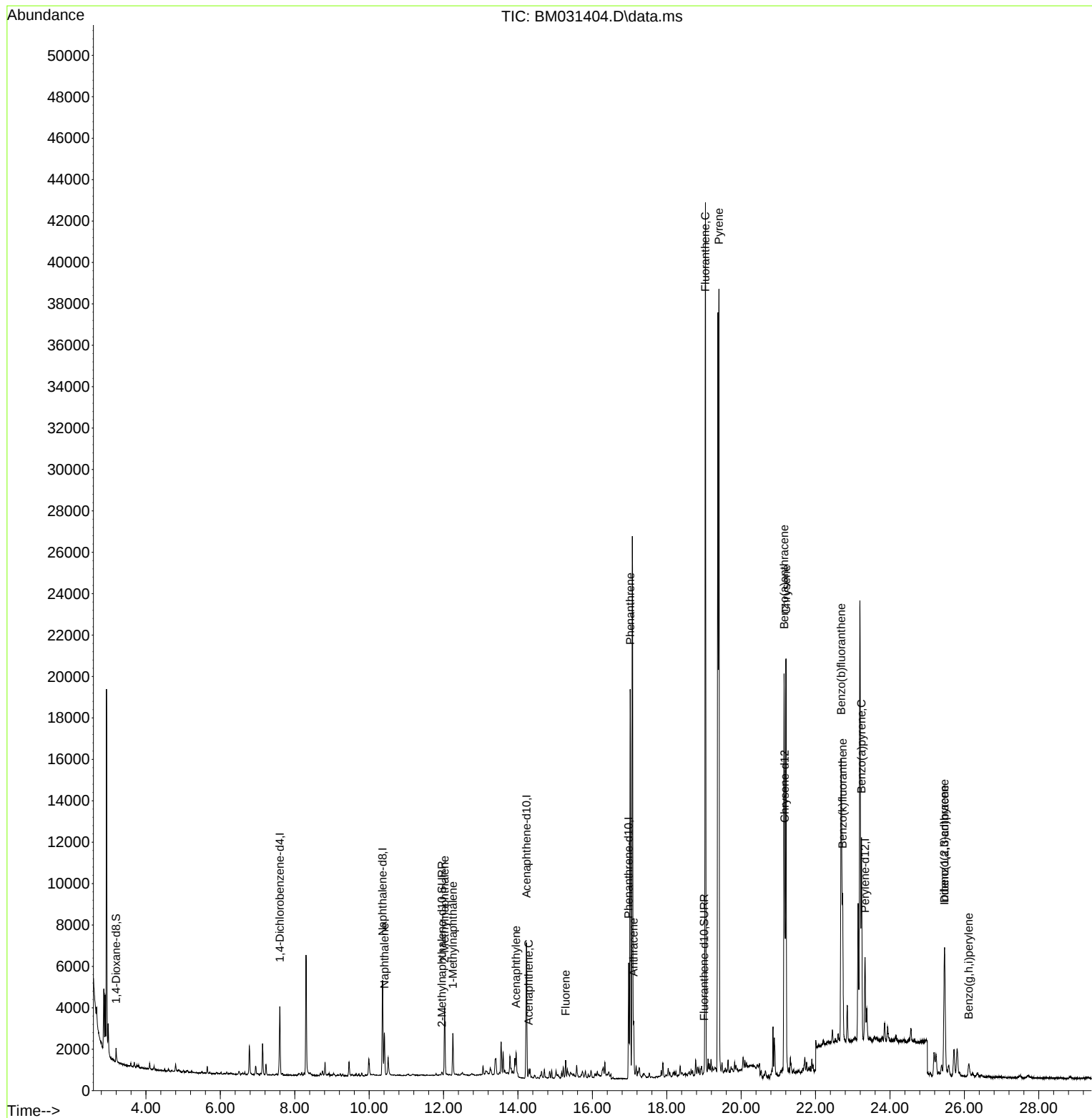
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031404.D
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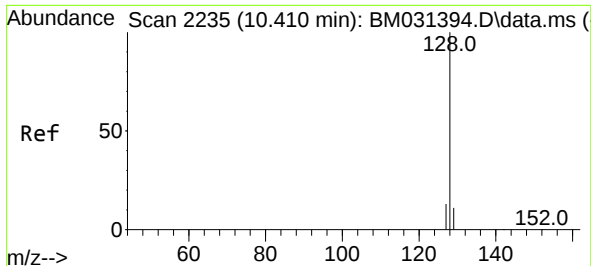
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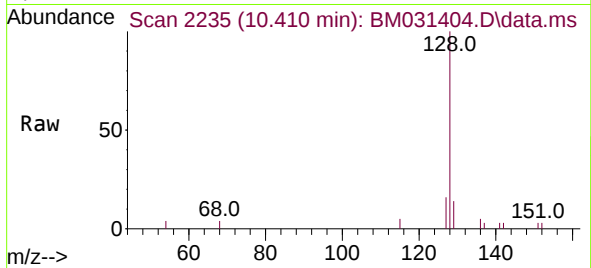
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Quant Time: Aug 03 11:05:05 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
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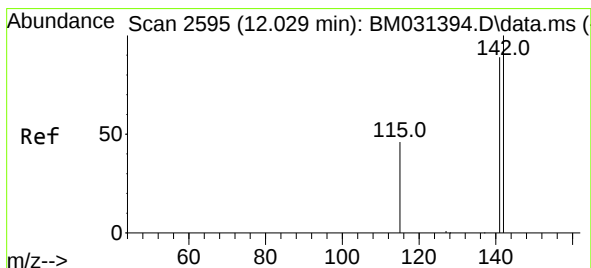
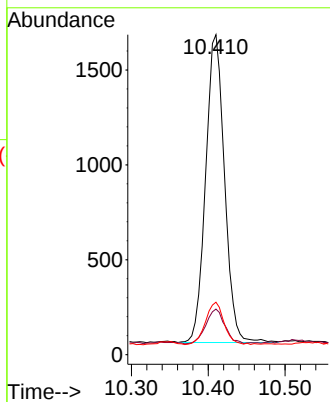
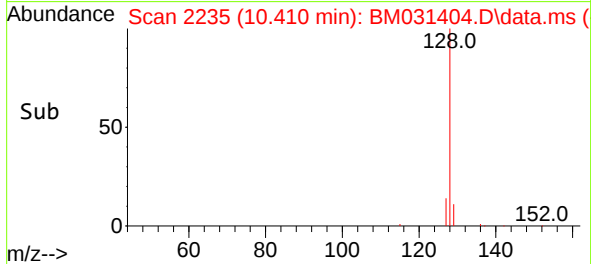


#5
Naphthalene
Concen: 0.15 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

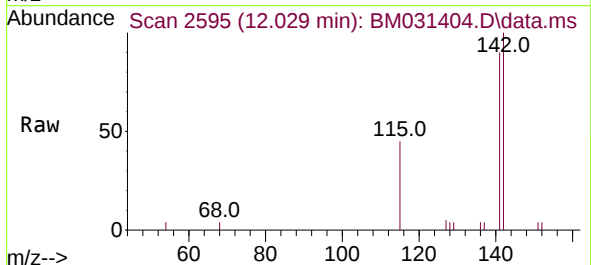


Tgt Ion:128 Resp: 2773

Ion	Ratio	Lower	Upper
128	100		
129	14.2	10.0	15.0
127	16.4	11.6	17.4

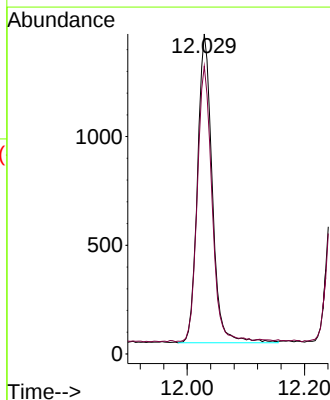
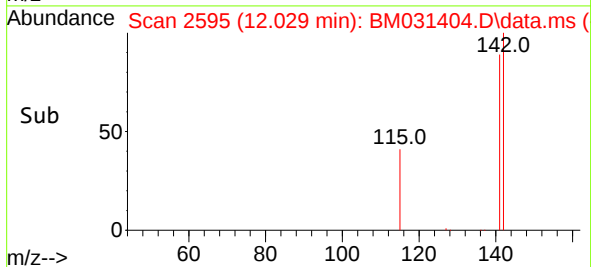


#7
2-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.005 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



Tgt Ion:142 Resp: 2472

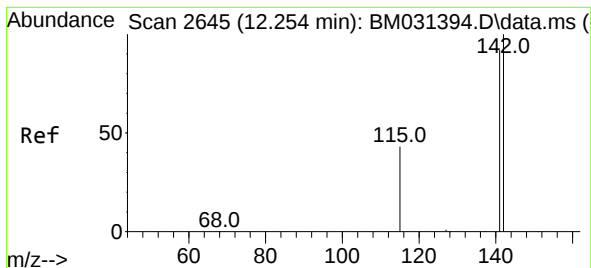
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.0



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#8

1-Methylnaphthalene

Concen: 0.12 ng/ul

RT: 12.249 min Scan# 2644

Delta R.T. -0.005 min

Lab File: BM031404.D

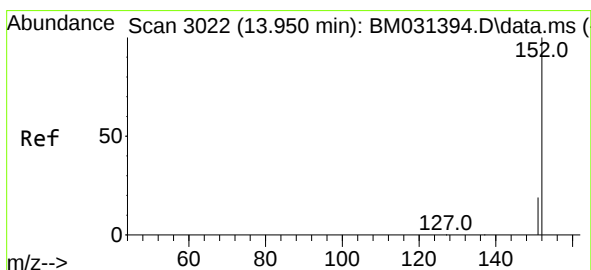
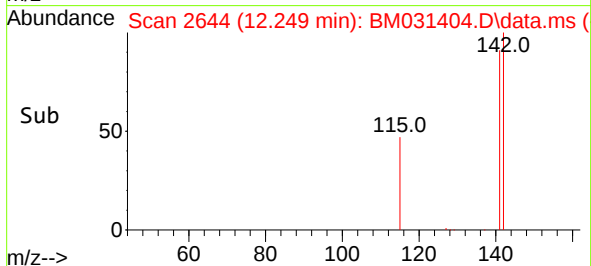
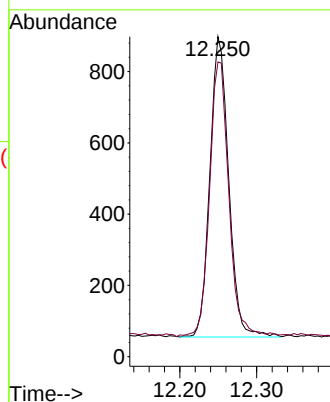
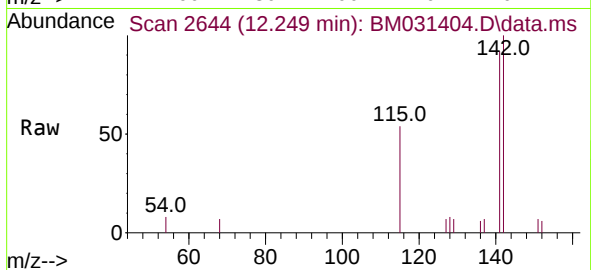
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Tgt Ion:142 Resp: 1435

Ion Ratio Lower Upper

142 100

141 94.1 74.1 111.1



#10

Acenaphthylene

Concen: 0.08 ng/ul

RT: 13.950 min Scan# 3022

Delta R.T. -0.005 min

Lab File: BM031404.D

Acq: 03 Aug 2021 09:15

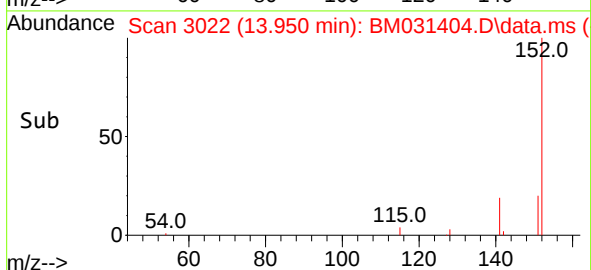
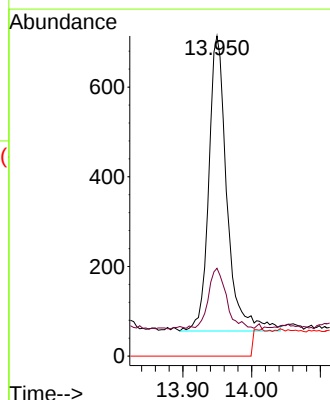
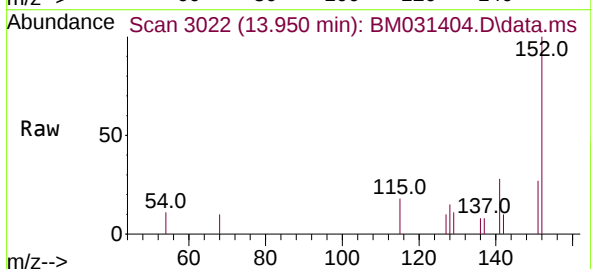
Tgt Ion:152 Resp: 1159

Ion Ratio Lower Upper

152 100

151 27.5 16.9 25.3#

153 0.0 0.0 0.0



Instrument :

BNA_M

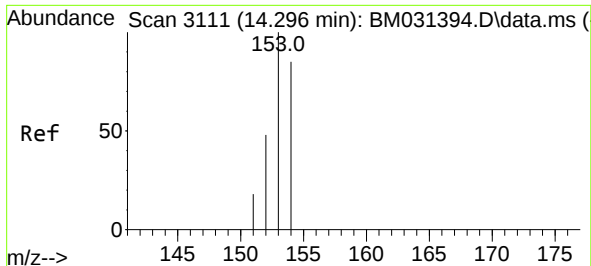
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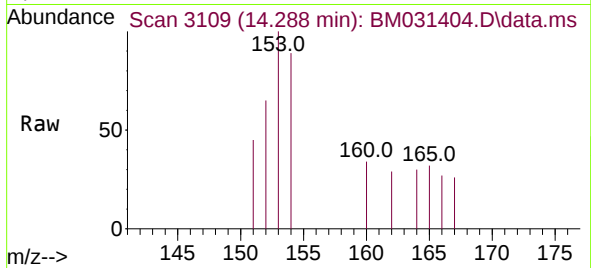
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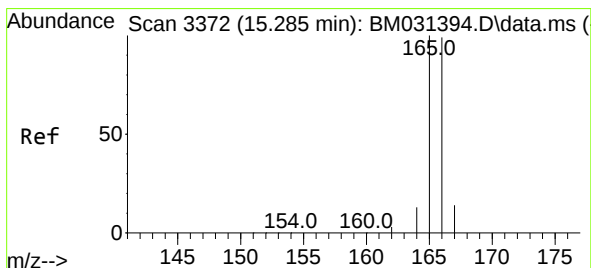
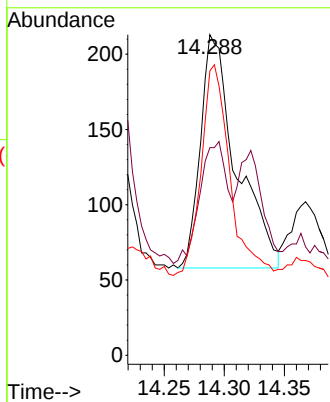
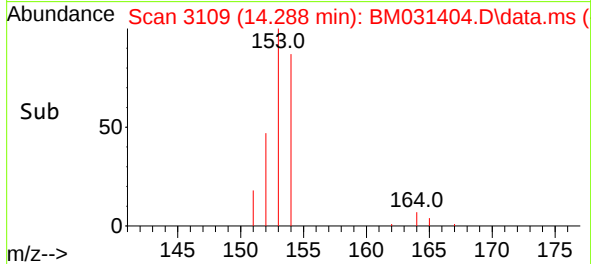
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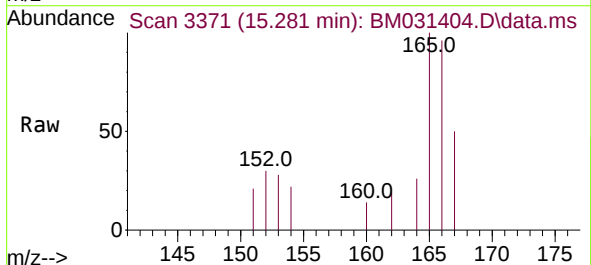
#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



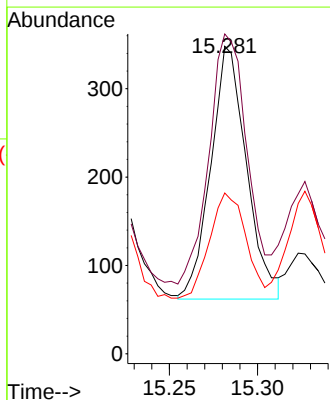
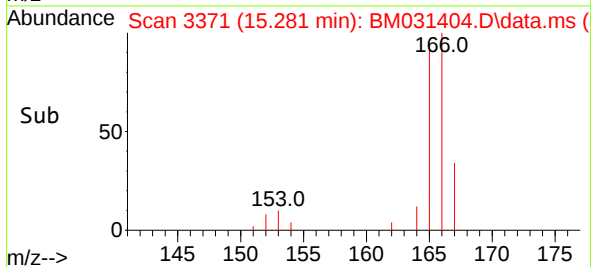
Tgt Ion:153 Resp: 322
Ion Ratio Lower Upper
153 100
152 64.8 40.7 61.1#
154 88.7 70.2 105.2



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



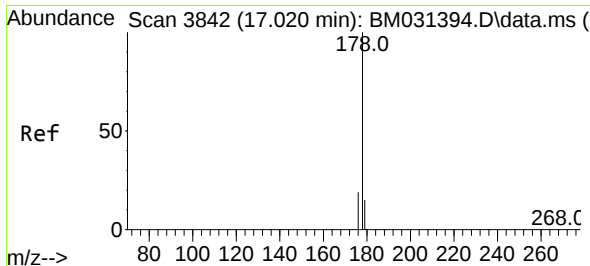
Tgt Ion:166 Resp: 403
Ion Ratio Lower Upper
166 100
165 104.0 78.0 117.0
167 52.3 12.0 18.0#



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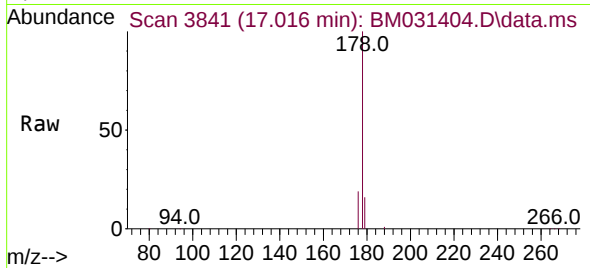
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#15
Phenanthrene
Concen: 0.92 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.007 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

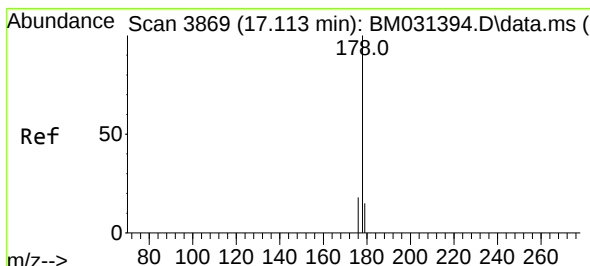
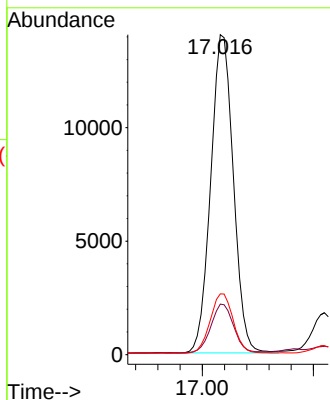
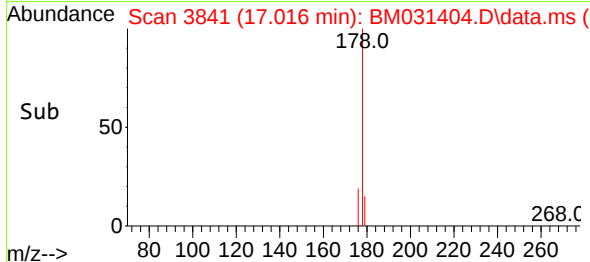
Instrument :
BNA_M
ClientSampleID :
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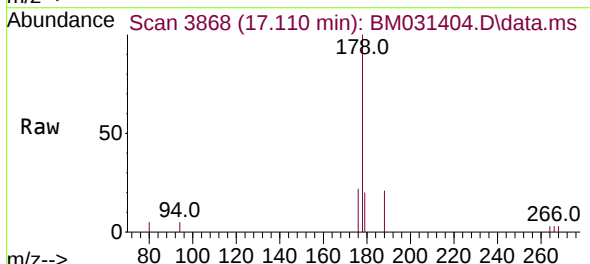
Tgt Ion:178 Resp: 19833
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.0 16.2 24.4

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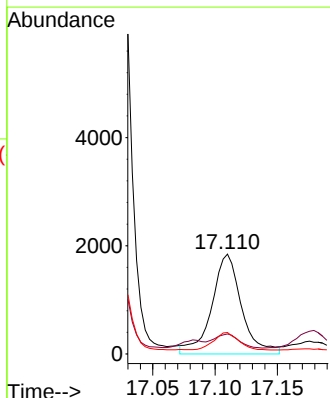
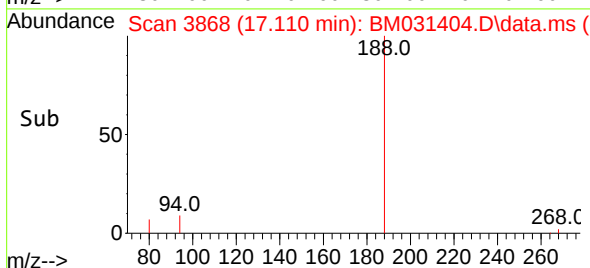
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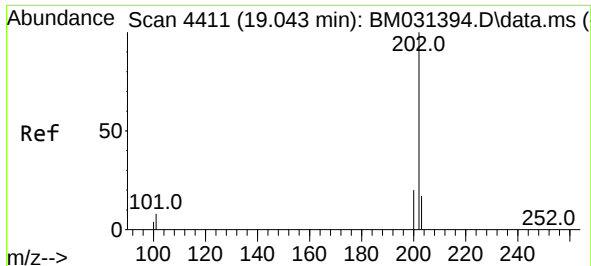


#16
Anthracene
Concen: 0.15 ng/ul m
RT: 17.110 min Scan# 3868
Delta R.T. -0.004 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

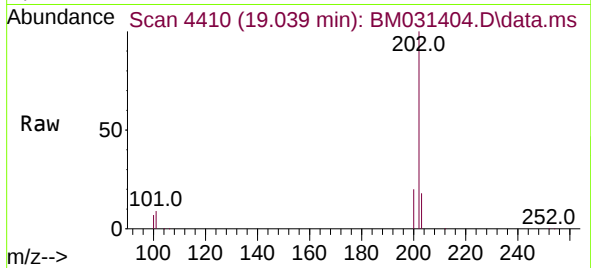


Tgt Ion:178 Resp: 3069
Ion Ratio Lower Upper
178 100
179 20.1 13.0 19.6#
176 21.6 15.6 23.4

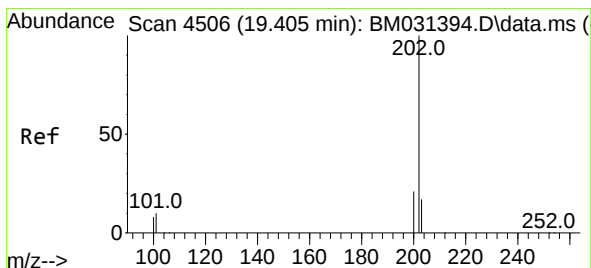
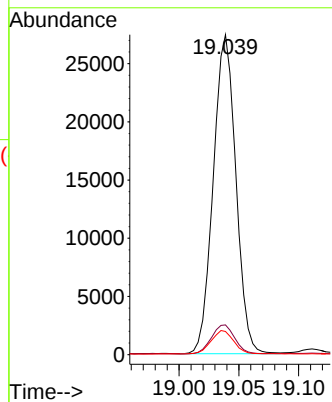
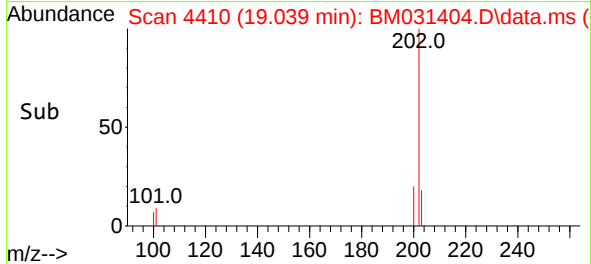




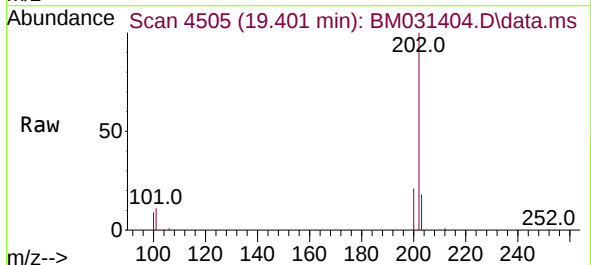
#19
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



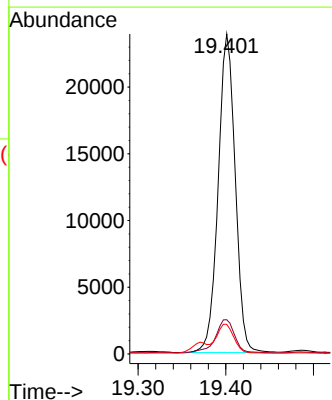
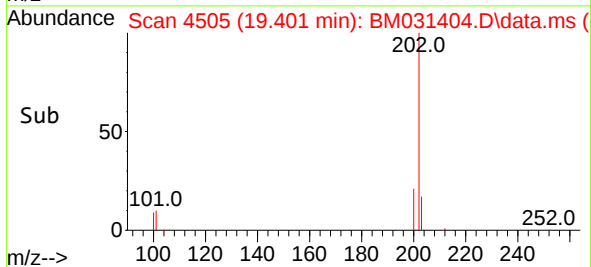
Tgt Ion:202 Resp: 36125
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 1.45 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



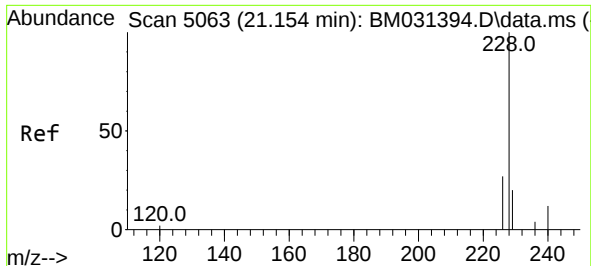
Tgt Ion:202 Resp: 32384
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.2 6.6 10.0



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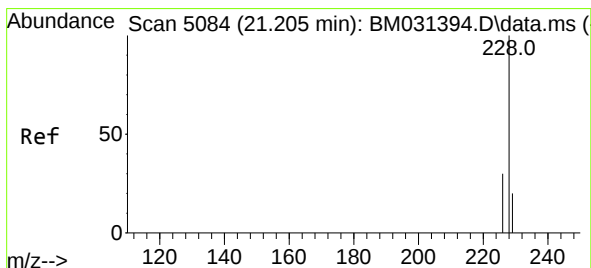
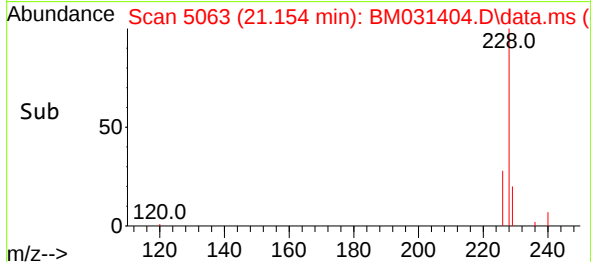
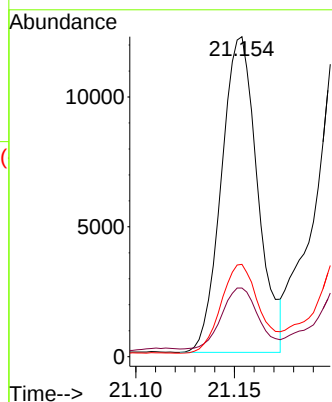
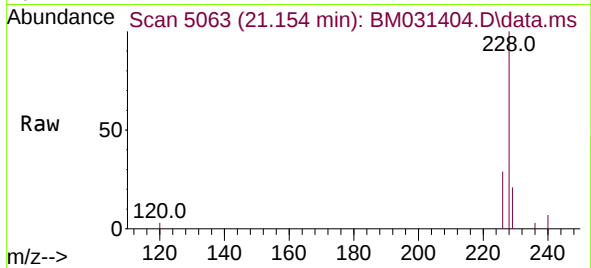
#21
Benzo(a)anthracene
Concen: 0.75 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031404.D
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Tgt Ion:228	Resp:	15531
Ion Ratio	Lower	Upper
228	100	
229	21.5	15.6 23.4
226	28.9	21.7 32.5

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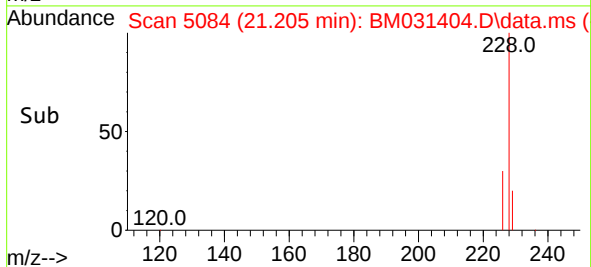
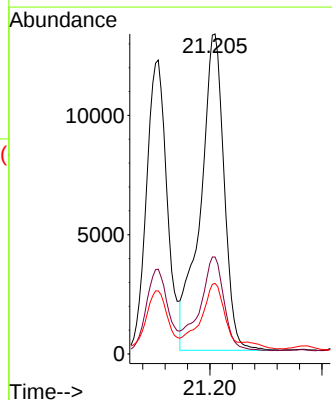
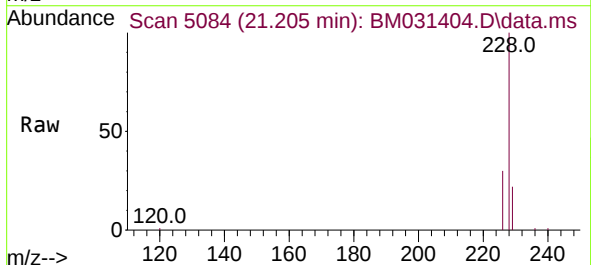
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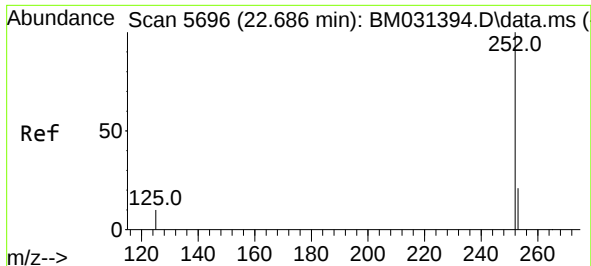
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#22
Chrysene
Concen: 0.91 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

Tgt Ion:228	Resp:	19512
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.7 37.1
229	22.0	16.2 24.2





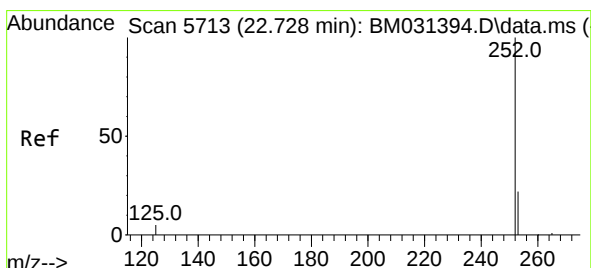
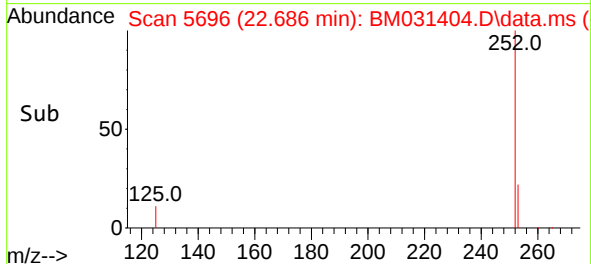
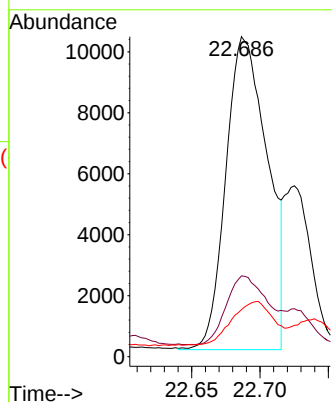
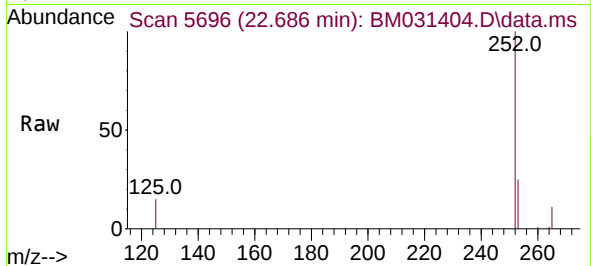
#24
Benzo(b)fluoranthene
Concen: 0.99 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	53.0
125	14.7	0.0	22.8

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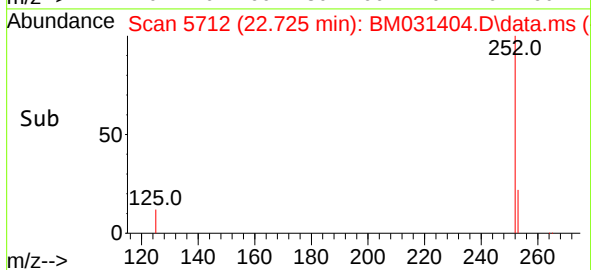
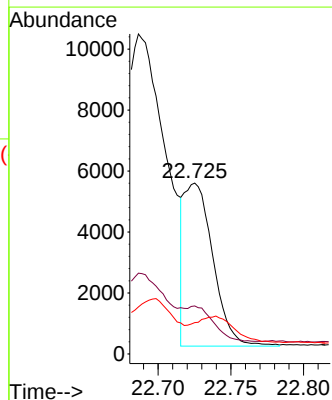
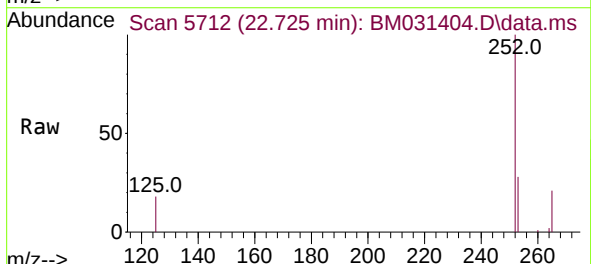
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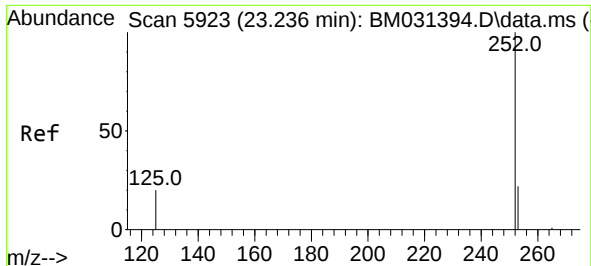
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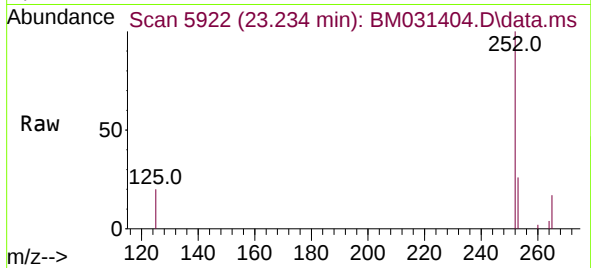
#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.010 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.3	31.9
125	18.3	8.8	13.2

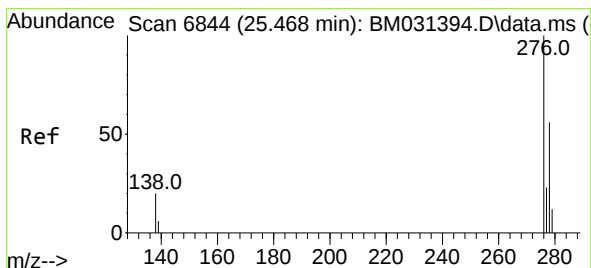
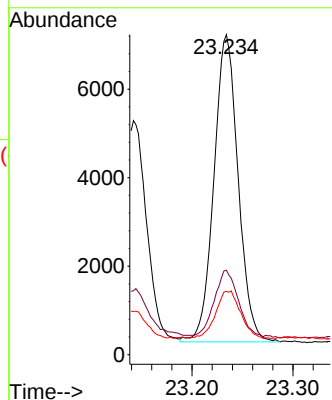
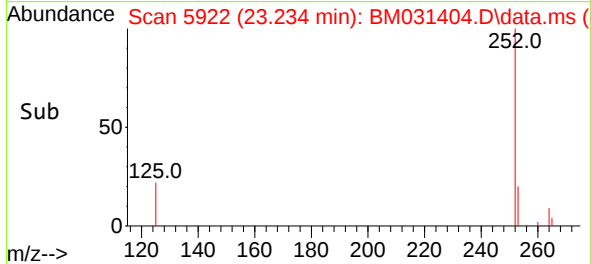




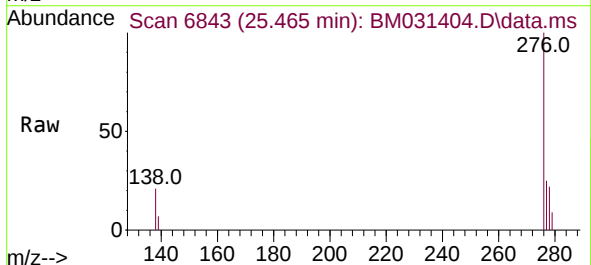
#26
Benzo(a)pyrene
Concen: 0.60 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



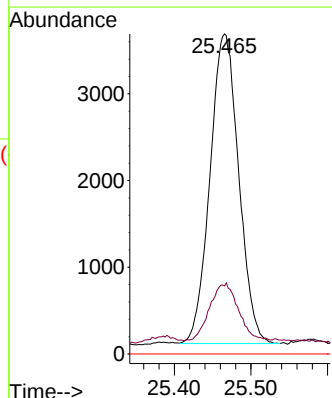
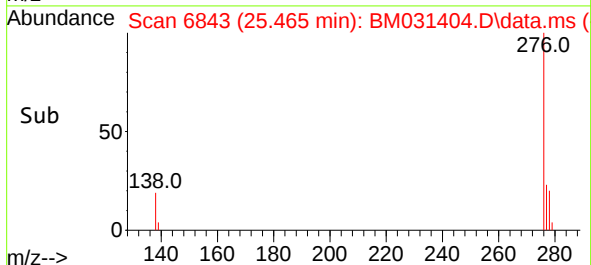
Tgt Ion:252 Resp: 11585
Ion Ratio Lower Upper
252 100
253 26.4 22.4 33.6
125 19.8 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/ul
RT: 25.465 min Scan# 6843
Delta R.T. -0.015 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



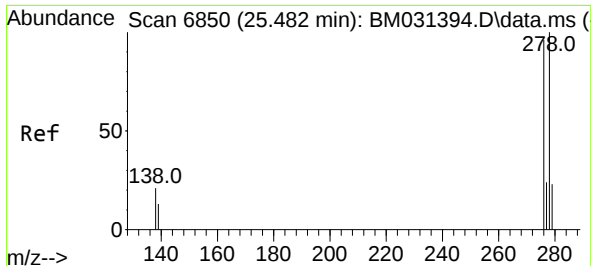
Tgt Ion:276 Resp: 9304
Ion Ratio Lower Upper
276 100
138 18.6 15.8 23.8
227 0.0 0.0 0.0



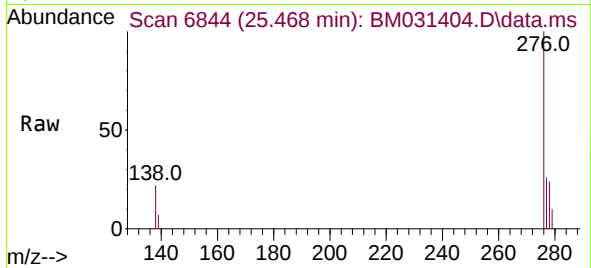
Instrument :
BNA_M
ClientSampled :
C0079DL

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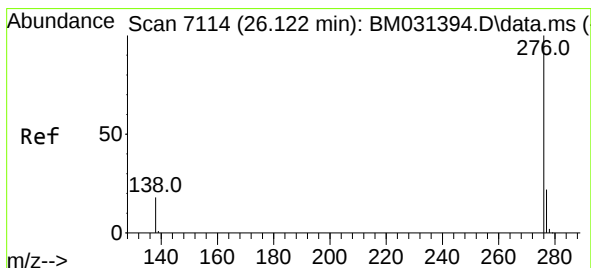
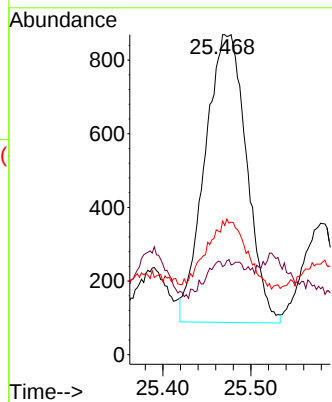
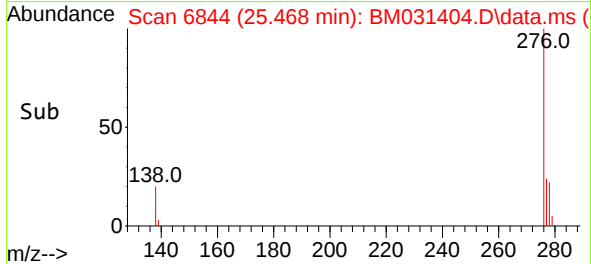
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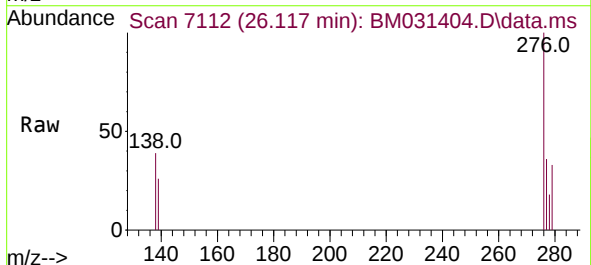
#28
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.024 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



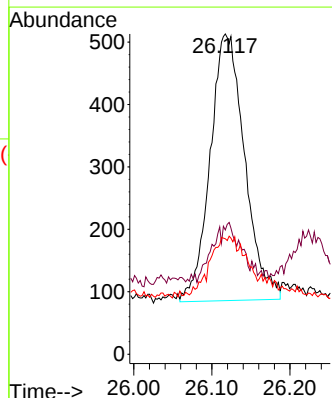
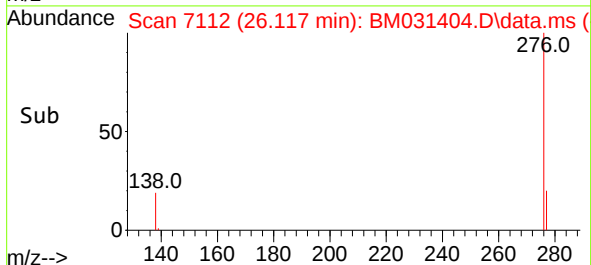
Tgt Ion: 278 Resp: 2571
Ion Ratio Lower Upper
278 100
139 27.5 13.3 19.9#
279 41.8 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.117 min Scan# 7112
Delta R.T. -0.015 min
Lab File: BM031404.D
Acq: 03 Aug 2021 09:15



Tgt Ion: 276 Resp: 1314
Ion Ratio Lower Upper
276 100
138 38.8 15.4 23.2#
277 36.1 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0079DL

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