

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031398.D
 Acq On : 03 Aug 2021 05:36
 Operator : CG/JU
 Sample : M3123-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0073

Manual Integrations
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mohammad
 8/3/2021 11:51:21 AM

Quant Time: Aug 03 06:24:10 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 : Tue Aug 03 05:32:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1384	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5455	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.227	164	3692	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6863	0.40	ng/ul #	0.00
17) Chrysene-d12	21.168	240	5355	0.40	ng/ul #	0.00
23) Perylene-d12	23.326	264	5202	0.40	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	2113	1.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	965	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2196	0.12	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.410	128	17205	1.06	ng/ul	98
7) 2-Methylnaphthalene	12.029	142	15320	1.38	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	10898	0.99	ng/ul	100
10) Acenaphthylene	13.950	152	1859	0.12	ng/ul#	85
11) Acenaphthene	14.322	153	989m	0.07	ng/ul	
12) Fluorene	15.281	166	1375	0.09	ng/ul#	67
15) Phenanthrene	17.020	178	93519	4.29	ng/ul	98
16) Anthracene	17.110	178	4704	0.23	ng/ul#	94
19) Fluoranthene	19.039	202	75596	3.31	ng/ul	97
20) Pyrene	19.401	202	64409	2.78	ng/ul	97
21) Benzo(a)anthracene	21.152	228	30932	1.43	ng/ul#	87
22) Chrysene	21.202	228	67245	3.01	ng/ul#	94
24) Benzo(b)fluoranthene	22.689	252	49883m	2.13	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	11599m	0.48	ng/ul	
26) Benzo(a)pyrene	23.234	252	19248	0.94	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.466	276	16831	0.63	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.473	278	7132	0.33	ng/ul#	73
29) Benzo(g,h,i)perylene	26.115	276	1811	0.08	ng/ul#	67

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

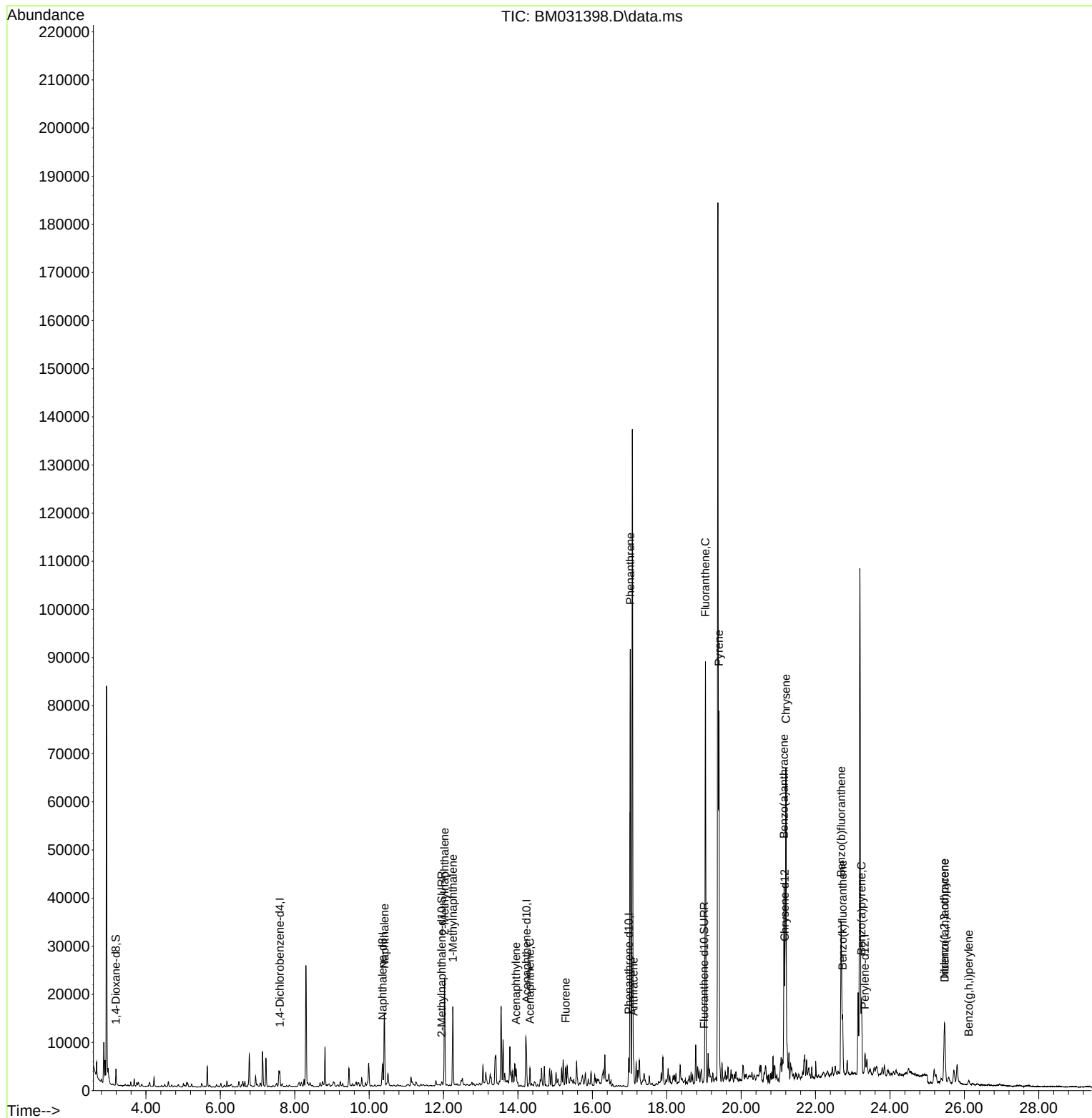
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Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
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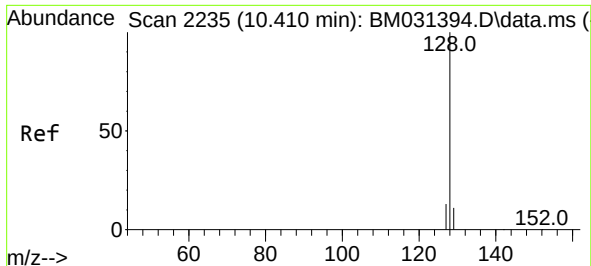
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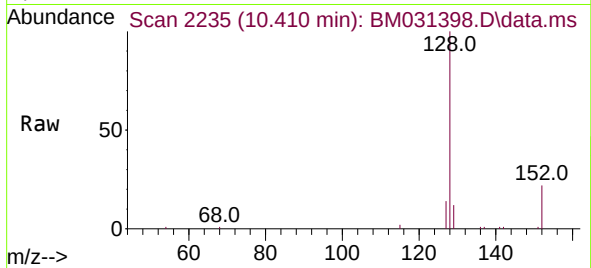
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Quant Time: Aug 03 06:24:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:32:52 2021
Response via : Initial Calibration

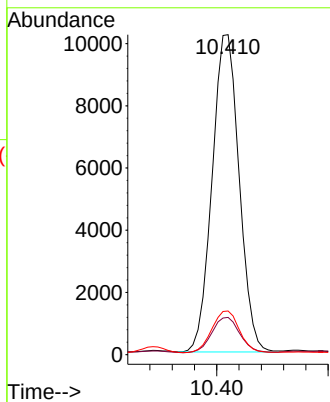
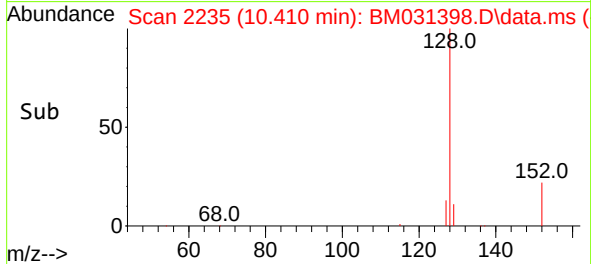




#5
Naphthalene
Concen: 1.06 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36



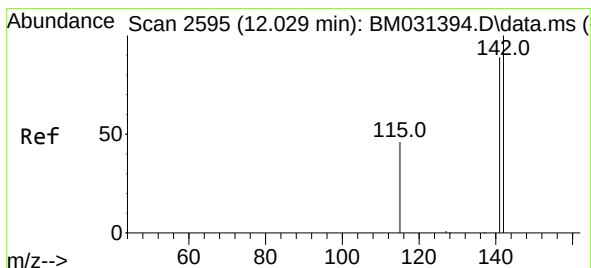
Tgt Ion:128 Resp: 17205
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.6 11.6 17.4



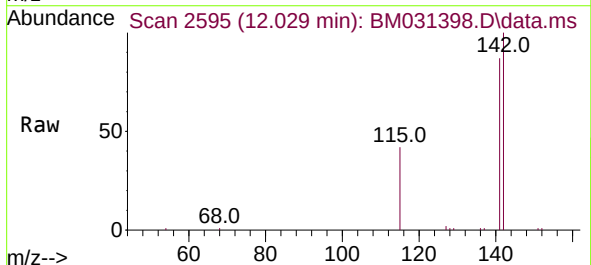
Instrument :
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ClientSampleId :
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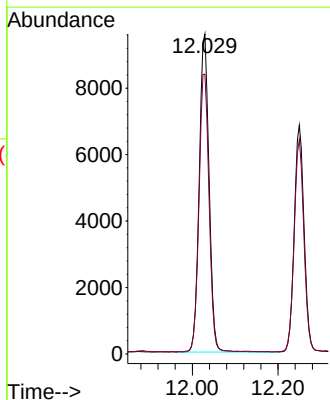
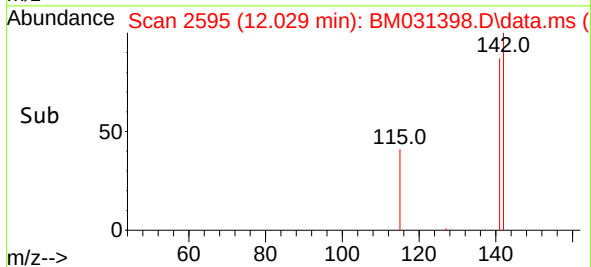
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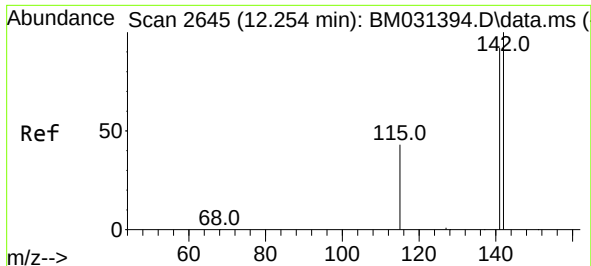


#7
2-Methylnaphthalene
Concen: 1.38 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36



Tgt Ion:142 Resp: 15320
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





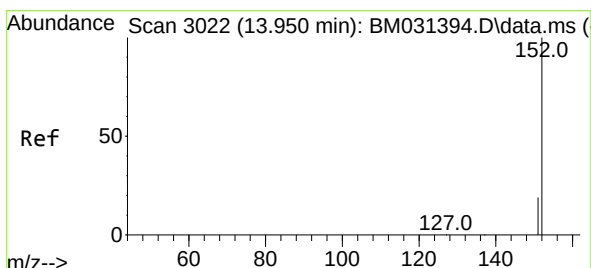
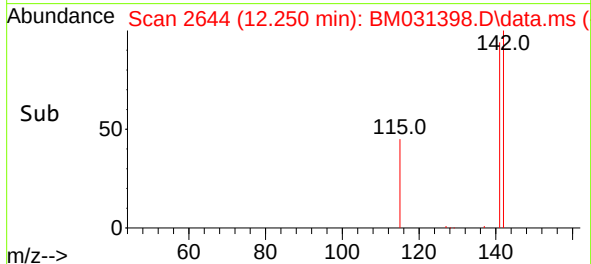
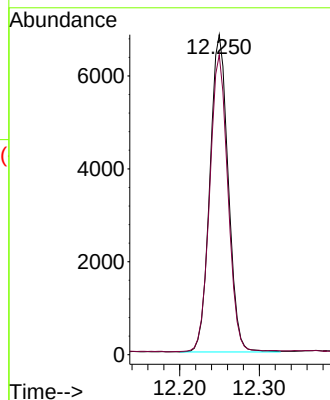
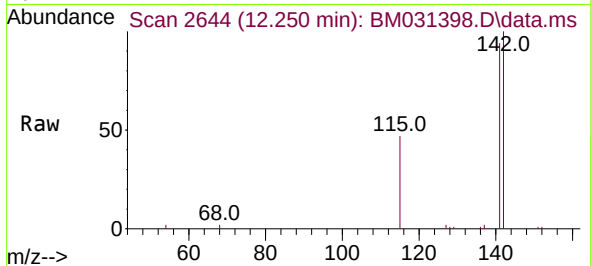
#8
1-Methylnaphthalene
Concen: 0.99 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:142 Resp: 10898
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

Instrument :
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ClientSampled :
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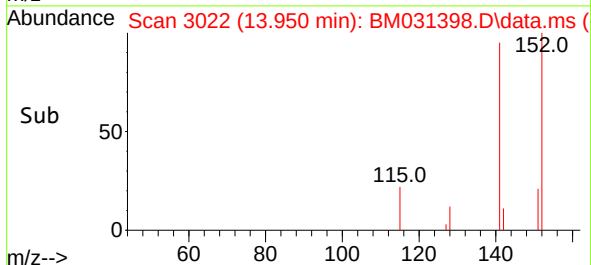
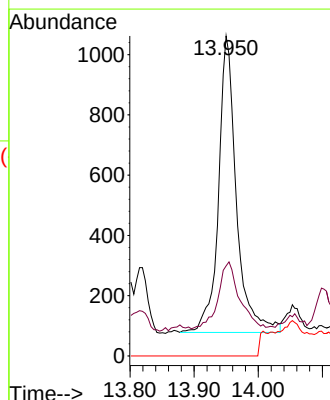
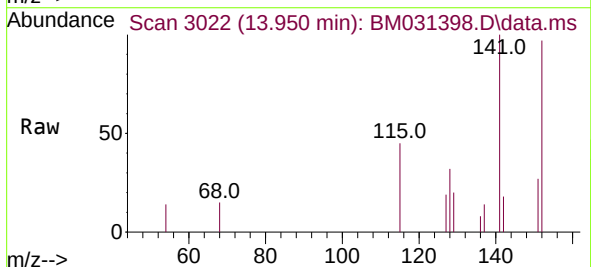
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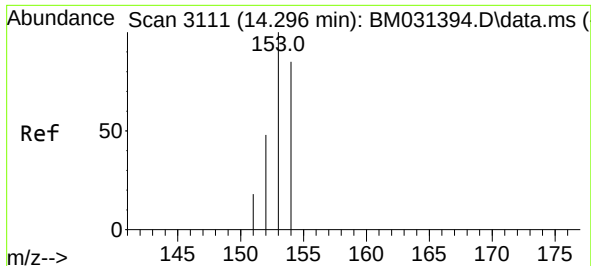
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#10
Acenaphthylene
Concen: 0.12 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:152 Resp: 1859
Ion Ratio Lower Upper
152 100
151 28.2 16.9 25.3#
153 0.0 0.0 0.0





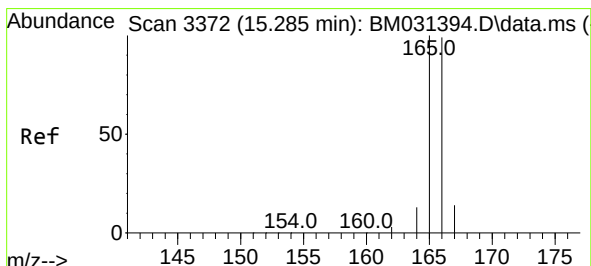
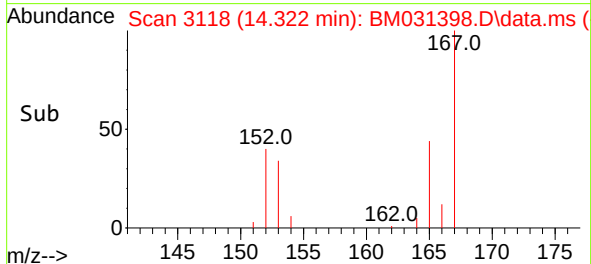
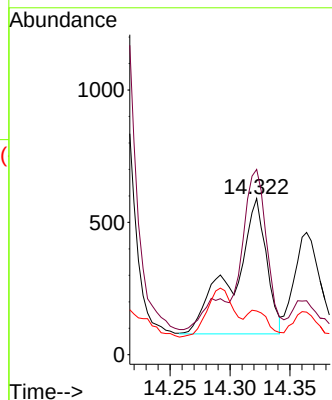
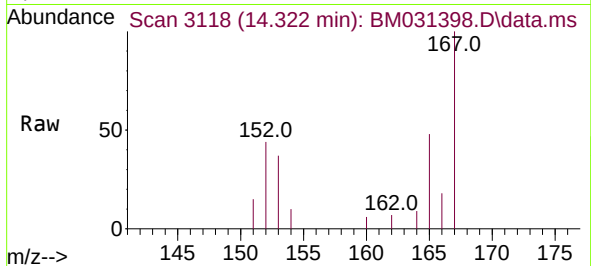
#11
Acenaphthene
Concen: 0.07 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:153 Resp: 989
Ion Ratio Lower Upper
153 100
152 118.6 40.7 61.1#
154 28.0 70.2 105.2#

Instrument :
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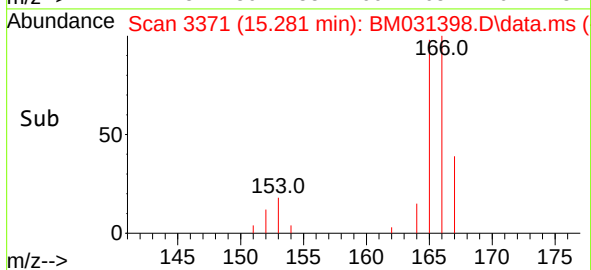
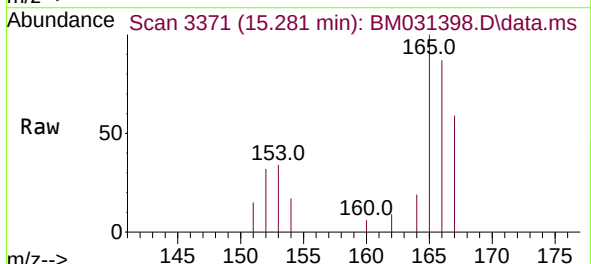
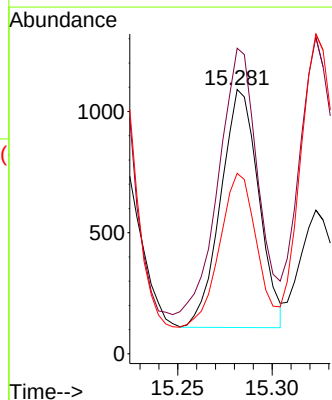
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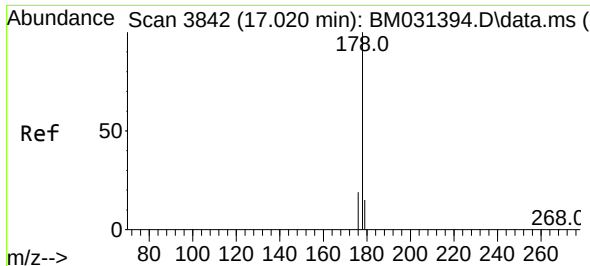
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#12
Fluorene
Concen: 0.09 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

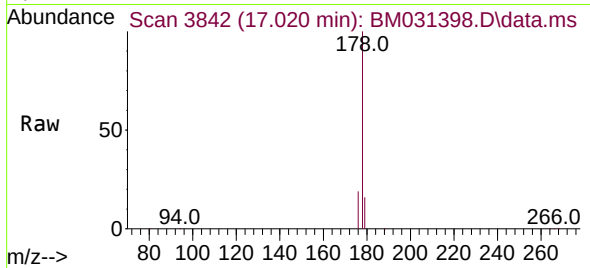
Tgt Ion:166 Resp: 1375
Ion Ratio Lower Upper
166 100
165 115.6 78.0 117.0
167 68.3 12.0 18.0#





#15
Phenanthrene
Concen: 4.29 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

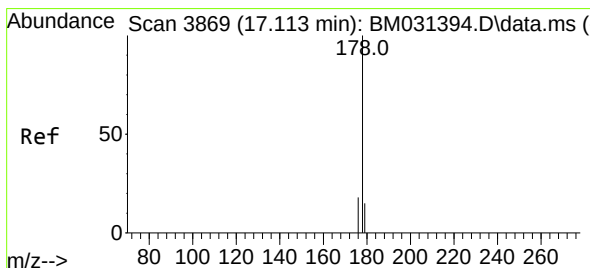
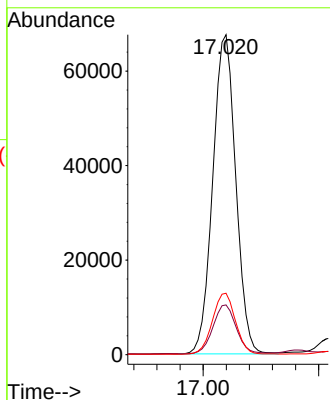
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ClientSampled :
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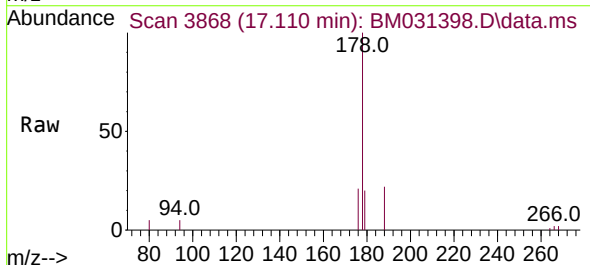
Tgt Ion:178 Resp: 93519
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 16.2 24.4

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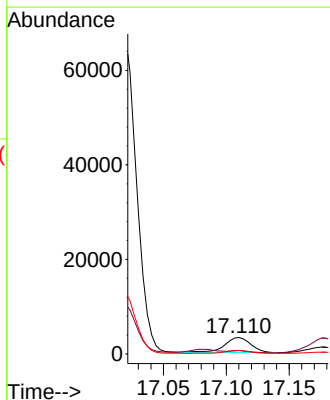
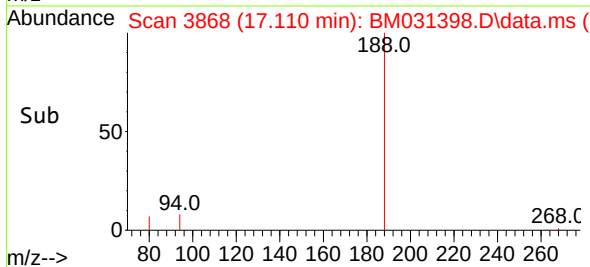
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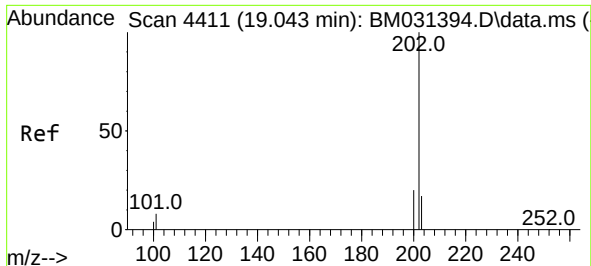


#16
Anthracene
Concen: 0.23 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36



Tgt Ion:178 Resp: 4704
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 20.8 15.6 23.4





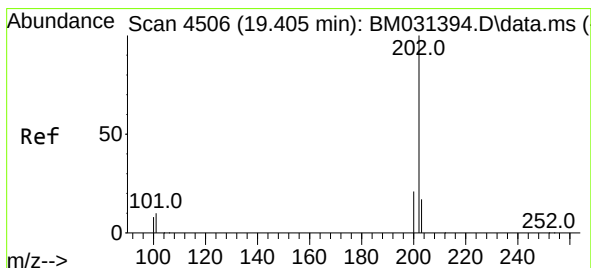
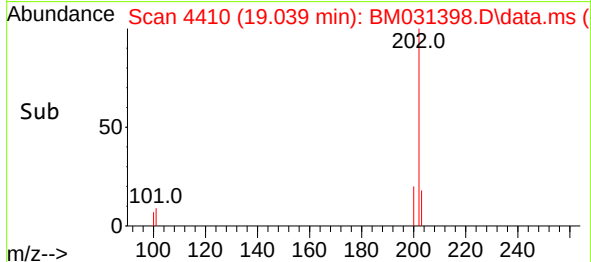
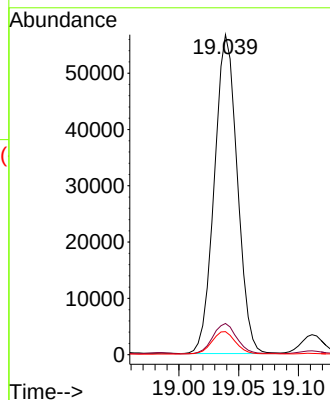
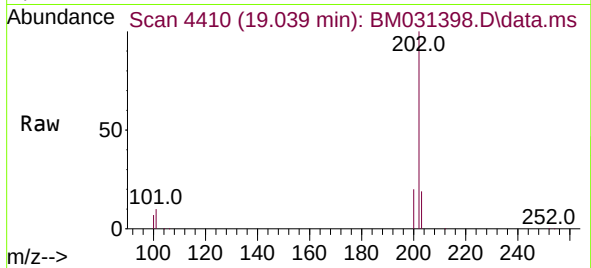
#19
Fluoranthene
Concen: 3.31 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:	202	Resp:	75596
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.6	10.0
100	7.2	5.4	8.0

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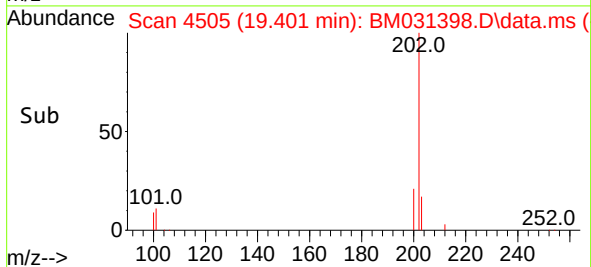
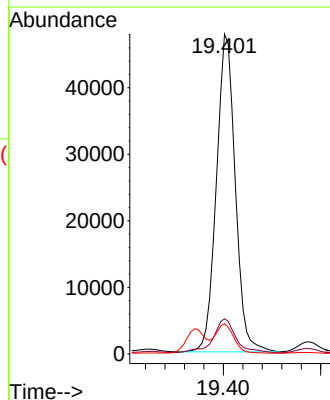
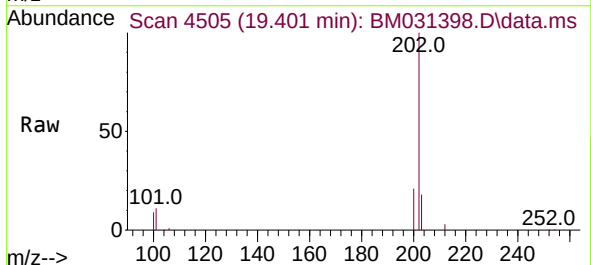
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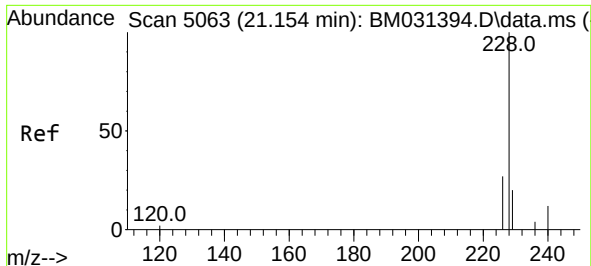
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#20
Pyrene
Concen: 2.78 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:	202	Resp:	64409
Ion Ratio	Lower	Upper	
202	100		
101	11.0	7.8	11.6
100	9.5	6.6	10.0





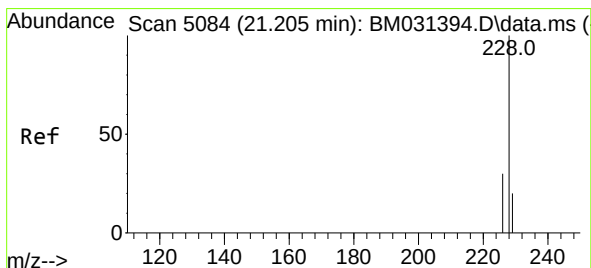
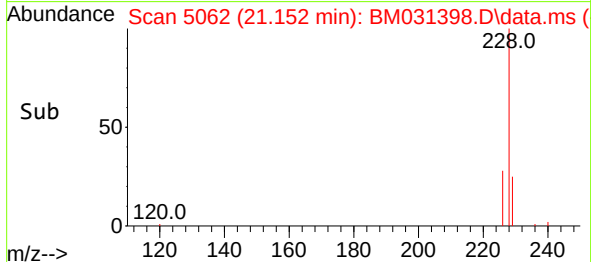
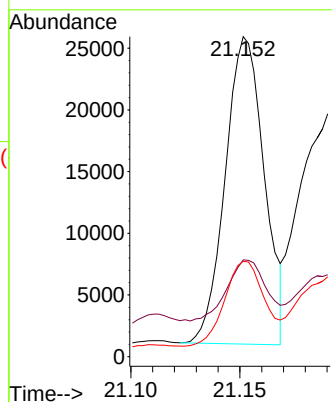
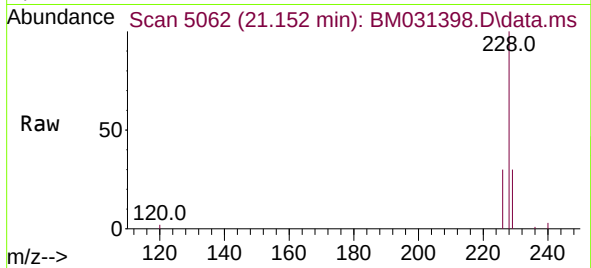
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Benzo(a)anthracene
Concen: 1.43 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:228 Resp: 30932
Ion Ratio Lower Upper
228 100
229 30.2 15.6 23.4#
226 29.8 21.7 32.5

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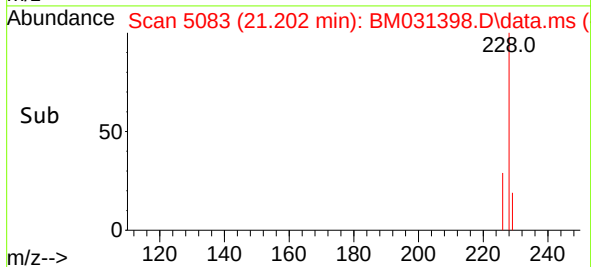
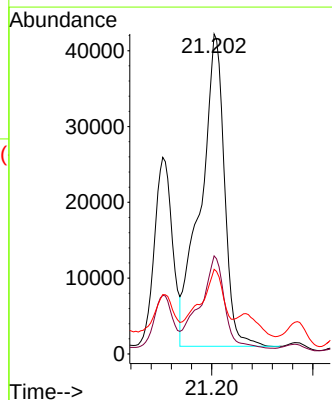
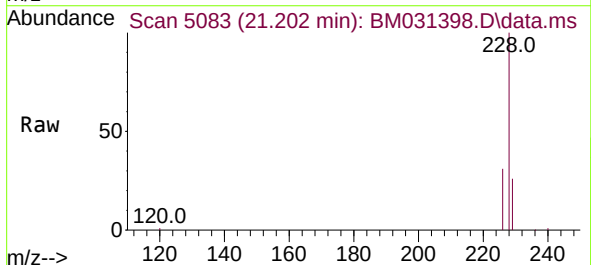
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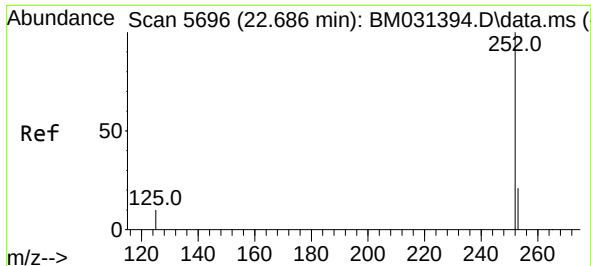
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#22
Chrysene
Concen: 3.01 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:228 Resp: 67245
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 26.4 16.2 24.2#





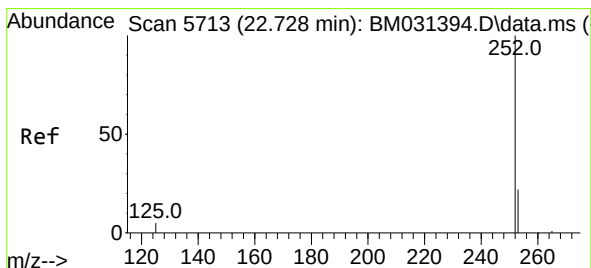
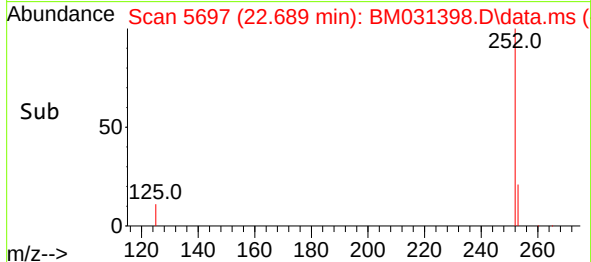
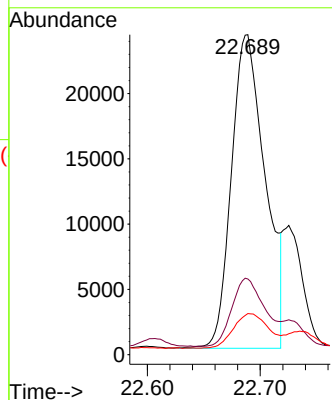
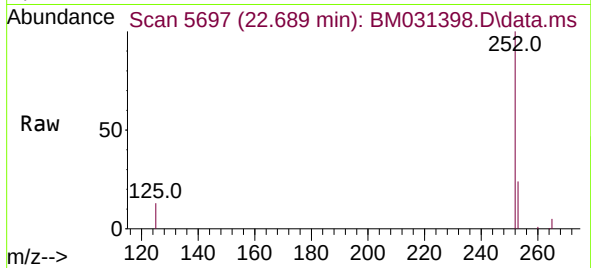
#24
Benzo(b)fluoranthene
Concen: 2.13 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:252	Resp:	49883
Ion Ratio	Lower	Upper
252	100	
253	23.6	0.0 53.0
125	12.9	0.0 22.8

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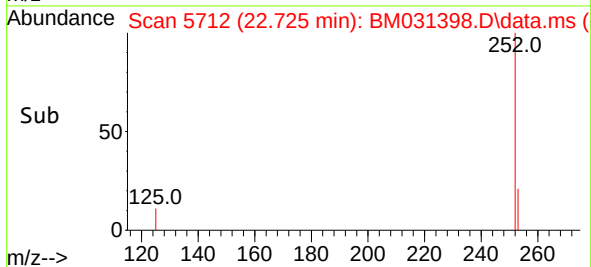
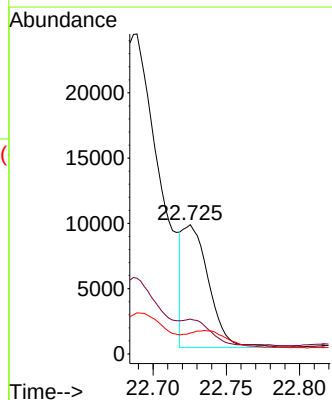
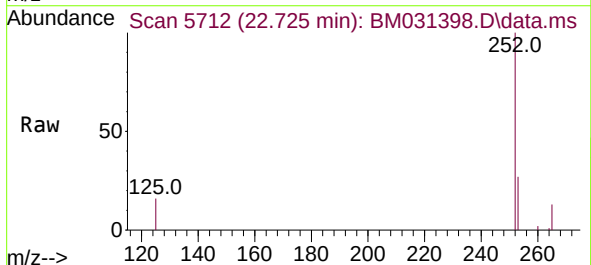
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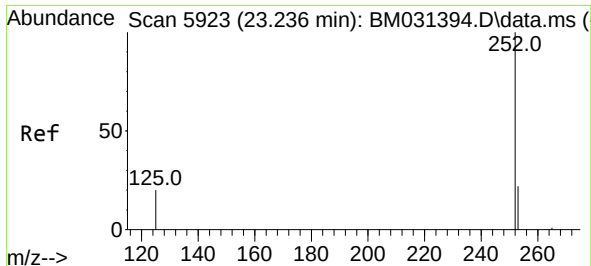
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#25
Benzo(k)fluoranthene
Concen: 0.48 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.010 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion:252	Resp:	11599
Ion Ratio	Lower	Upper
252	100	
253	27.0	21.3 31.9
125	16.2	8.8 13.2





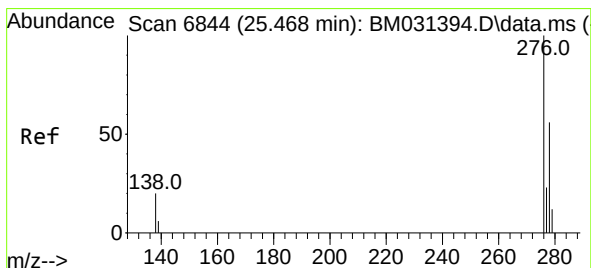
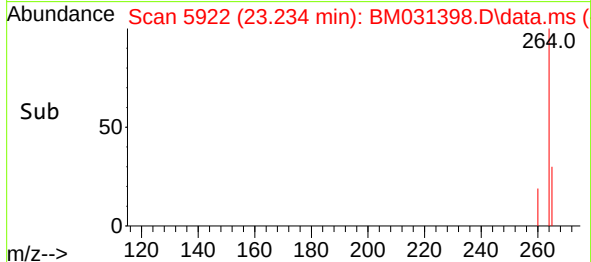
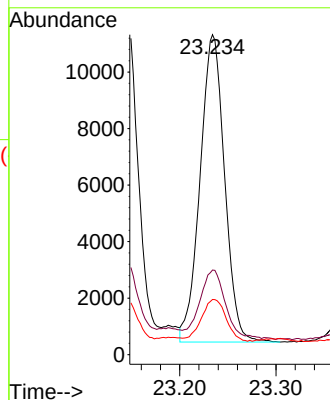
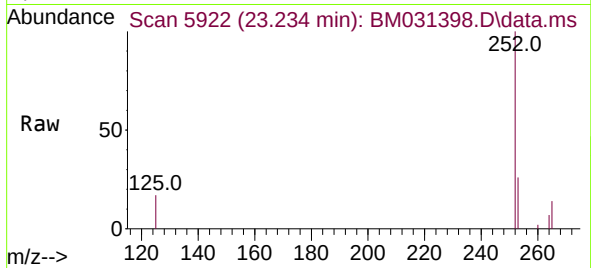
#26
Benzo(a)pyrene
Concen: 0.94 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.4	33.6
125	17.3	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0073

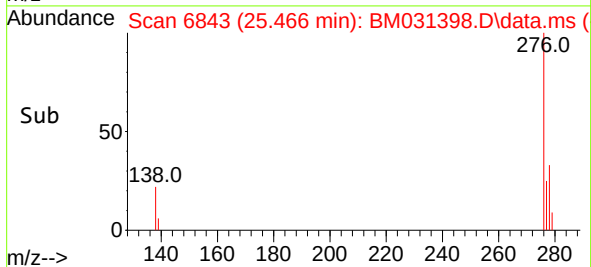
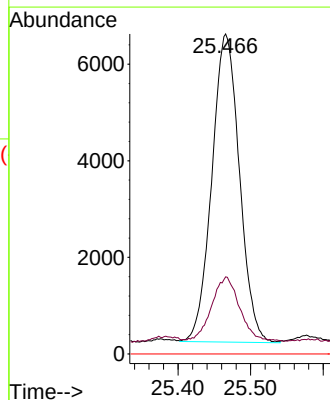
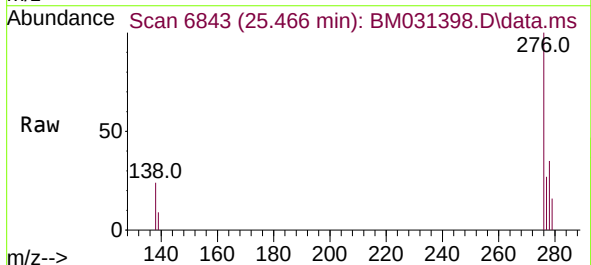
Manual Integrations
APPROVED

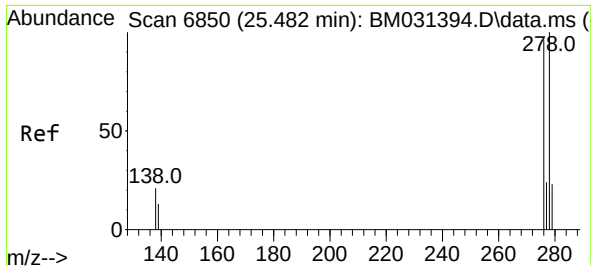
mohammad
8/3/2021 11:51:21 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.63 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.014 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.8	23.8
227	0.0	0.0	0.0





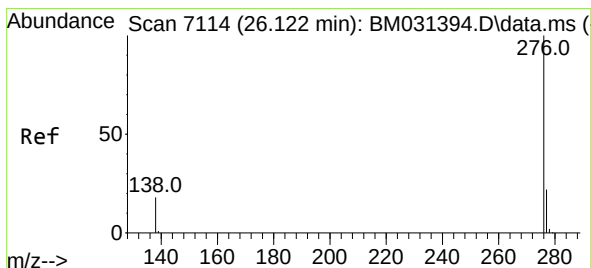
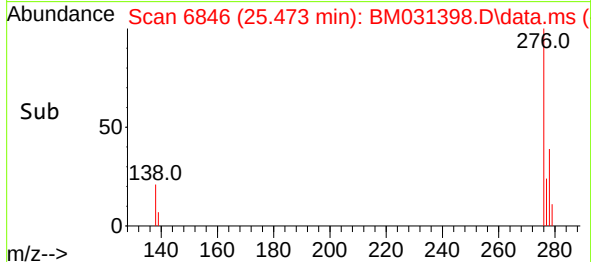
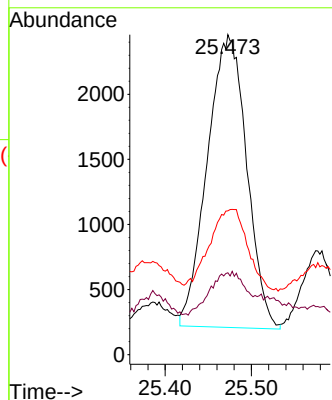
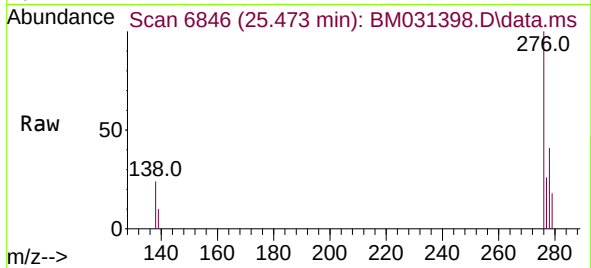
#28
Dibenzo(a,h)anthracene
Concen: 0.33 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.019 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion: 278 Resp: 7132
Ion Ratio Lower Upper
278 100
139 25.6 13.3 19.9#
279 45.0 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0073

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:21 AM



#29
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 26.115 min Scan# 7111
Delta R.T. -0.017 min
Lab File: BM031398.D
Acq: 03 Aug 2021 05:36

Tgt Ion: 276 Resp: 1811
Ion Ratio Lower Upper
276 100
138 37.5 15.4 23.2#
277 39.1 19.9 29.9#

