

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031392.D
 Acq On : 03 Aug 2021 01:20
 Operator : CG/JU
 Sample : M3123-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0068

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:05 AM

Quant Time: Aug 03 03:16:05 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 : Tue Aug 03 02:07:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1201	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	4848	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.231	164	3102	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	5827	0.40	ng/ul #	0.00
17) Chrysene-d12	21.168	240	4501	0.40	ng/ul #	0.00
23) Perylene-d12	23.329	264	4235	0.40	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3257	2.44	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1353	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	3121	0.21	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	6982	0.48	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	14212	1.44	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	8941	0.92	ng/ul	99
10) Acenaphthylene	13.950	152	978	0.07	ng/ul#	72
11) Acenaphthene	14.322	153	946m	0.09	ng/ul	
12) Fluorene	15.285	166	1459	0.11	ng/ul#	67
15) Phenanthrene	17.020	178	36455	1.97	ng/ul	98
16) Anthracene	17.110	178	1071	0.06	ng/ul#	82
19) Fluoranthene	19.039	202	17728	0.92	ng/ul#	94
20) Pyrene	19.401	202	17098	0.88	ng/ul#	93
21) Benzo(a)anthracene	21.152	228	7511	0.41	ng/ul#	78
22) Chrysene	21.202	228	23869	1.27	ng/ul#	93
24) Benzo(b)fluoranthene	22.684	252	14865m	0.78	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	3539m	0.18	ng/ul	
26) Benzo(a)pyrene	23.234	252	5438	0.33	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.463	276	4787	0.22	ng/ul#	78
28) Dibenzo(a,h)anthracene	25.470	278	1899	0.11	ng/ul#	31
29) Benzo(g,h,i)perylene	26.120	276	612	0.03	ng/ul#	25

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

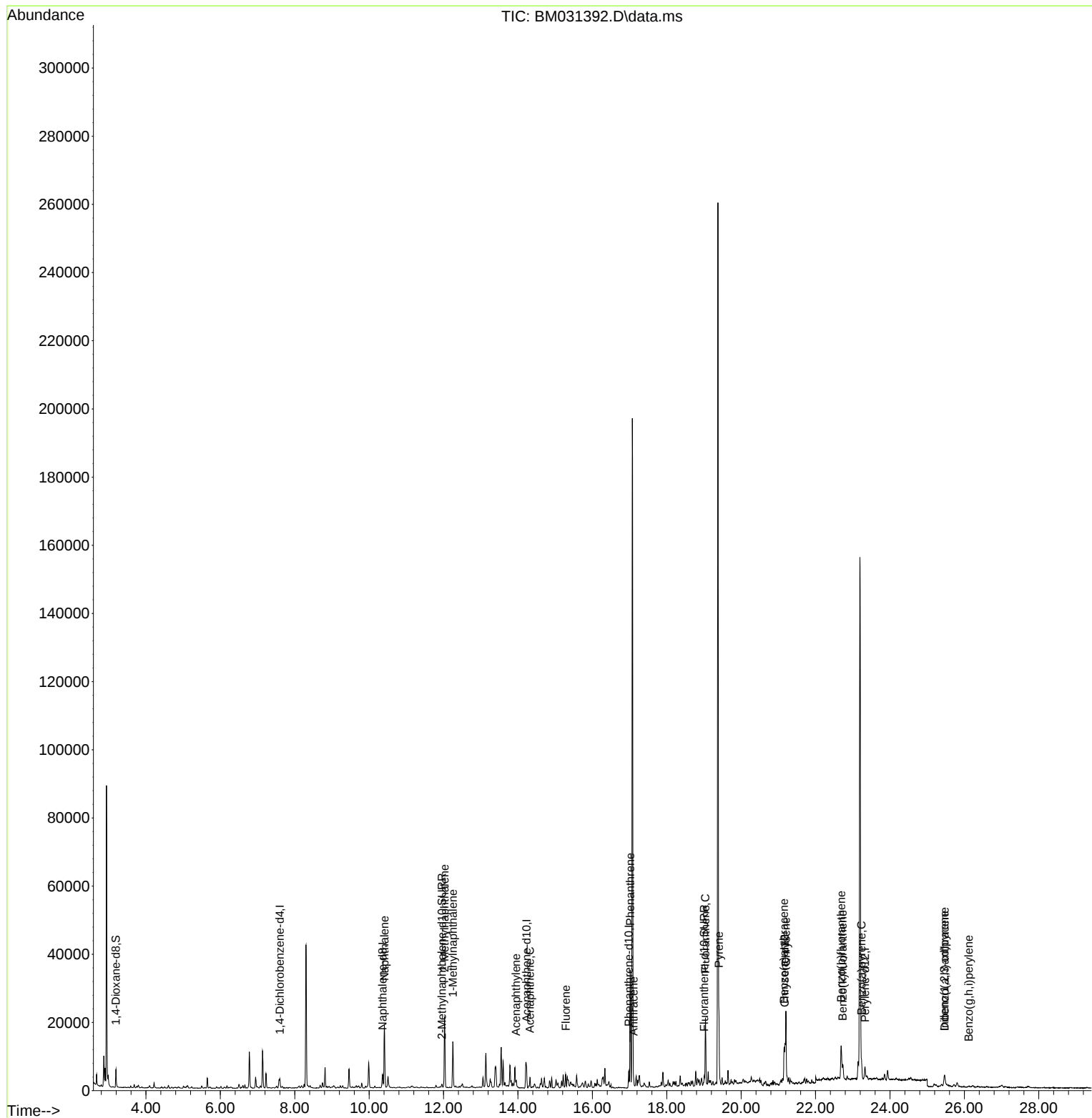
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Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
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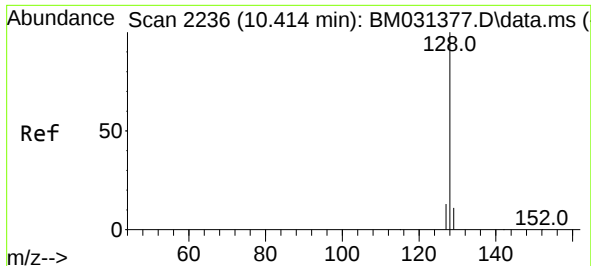
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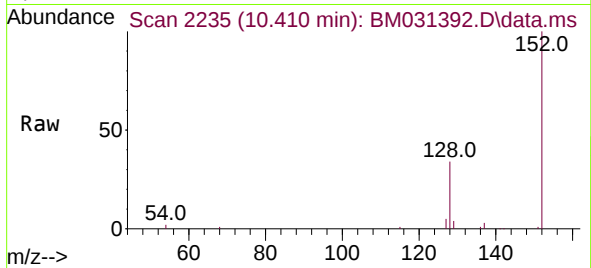
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Quant Time: Aug 03 03:16:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 02:07:36 2021
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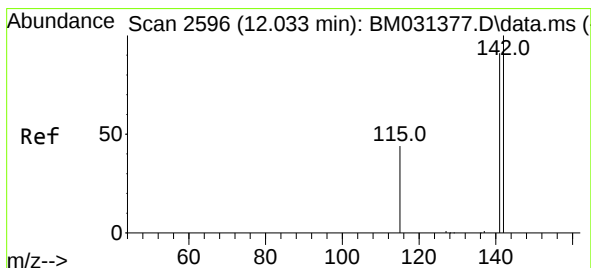
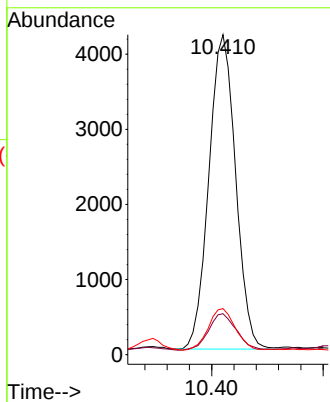
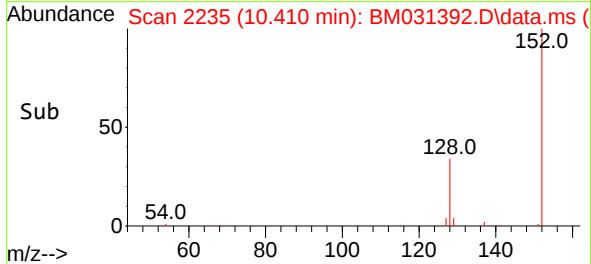




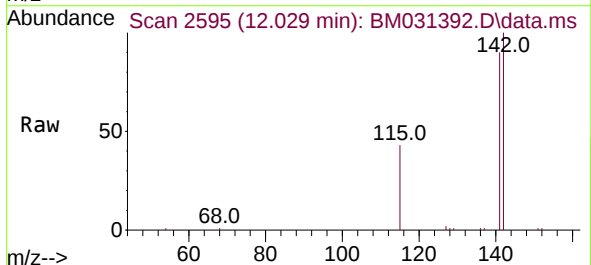
#5
Naphthalene
Concen: 0.48 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



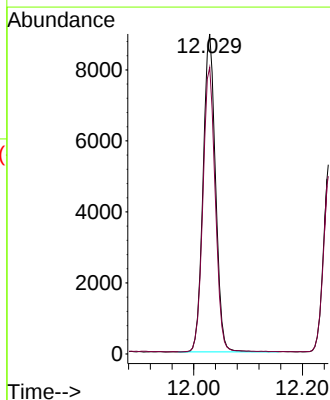
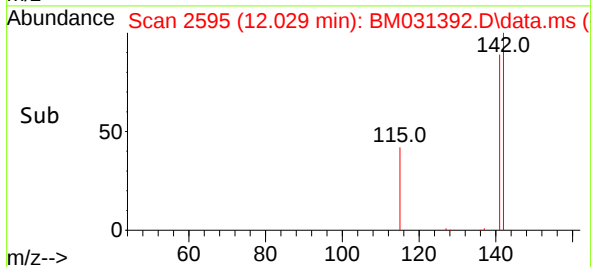
Tgt Ion:128	Resp: 6982
Ion Ratio	Lower Upper
128 100	
129 12.8	10.0 15.0
127 14.4	11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.44 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



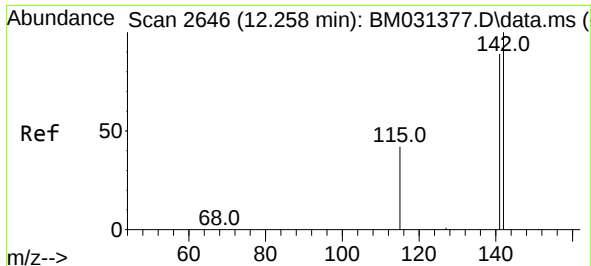
Tgt Ion:142	Resp: 14212
Ion Ratio	Lower Upper
142 100	
141 89.3	71.4 107.0



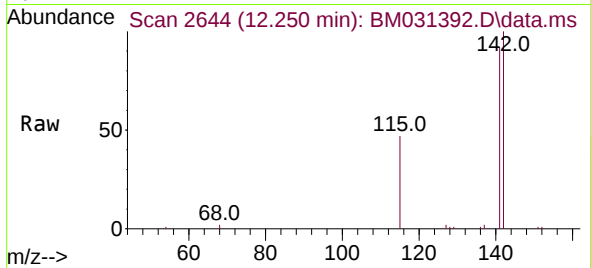
Instrument :
BNA_M
ClientSampled :
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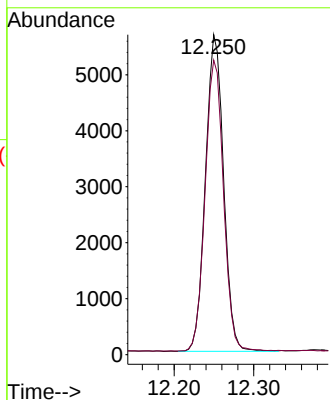
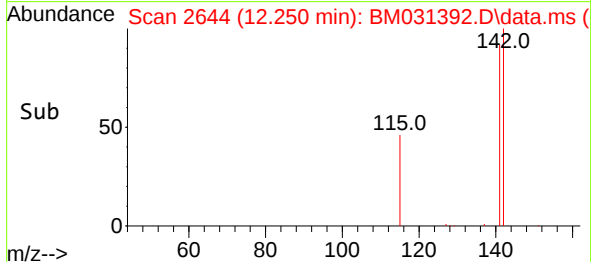
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#8
1-Methylnaphthalene
Concen: 0.92 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



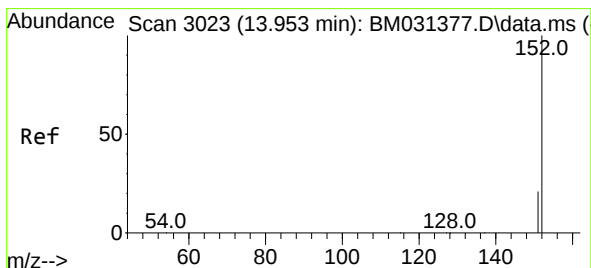
Tgt Ion:142 Resp: 8941
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



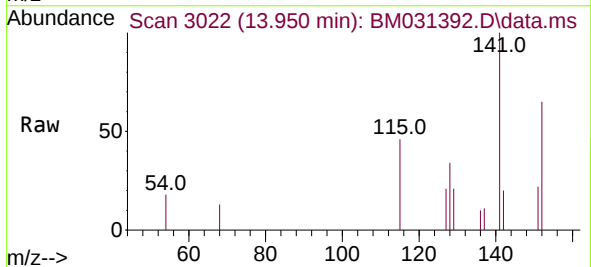
Instrument :
BNA_M
ClientSampled :
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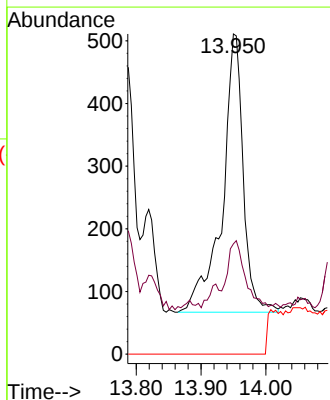
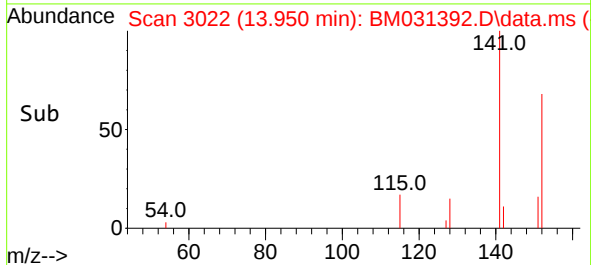
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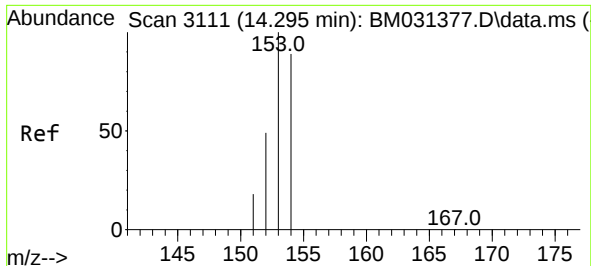


#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

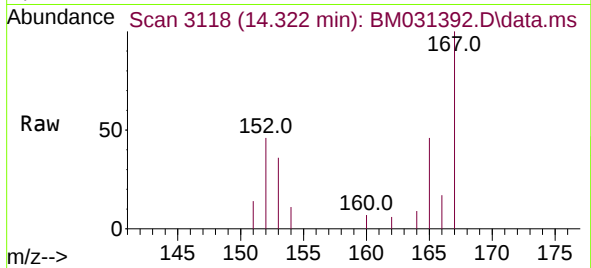


Tgt Ion:152 Resp: 978
Ion Ratio Lower Upper
152 100
151 34.4 16.9 25.3#
153 0.0 0.0 0.0

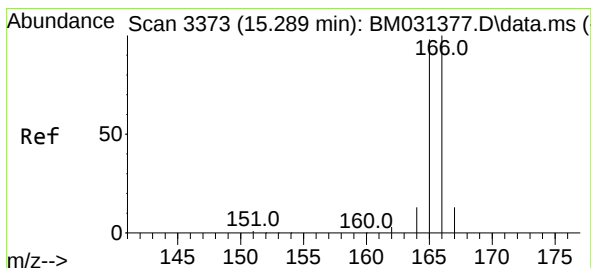
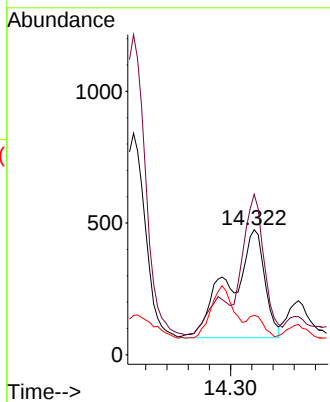
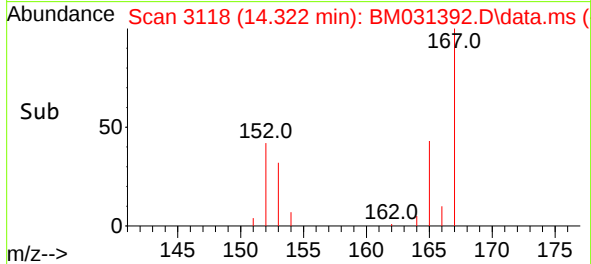




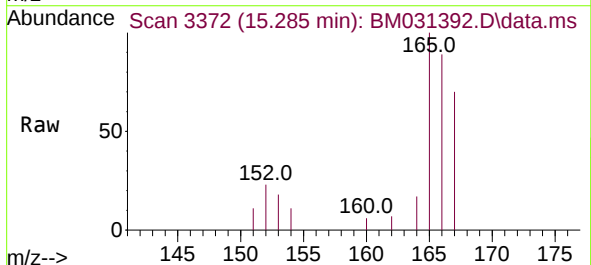
#11
Acenaphthene
Concen: 0.09 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



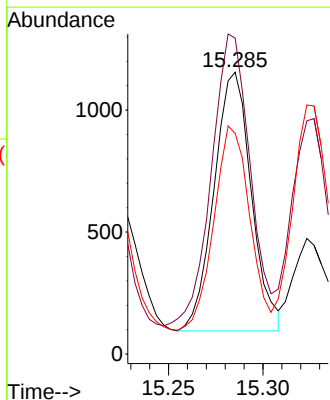
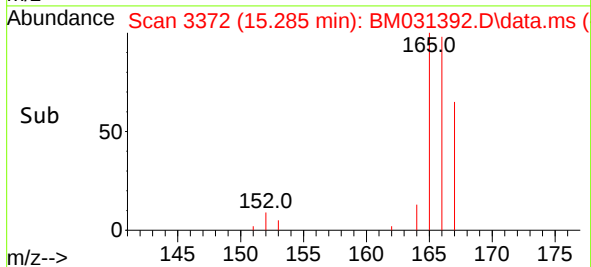
Tgt Ion:153 Resp: 946
Ion Ratio Lower Upper
153 100
152 128.2 40.7 61.1#
154 31.6 70.2 105.2#



#12
Fluorene
Concen: 0.11 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



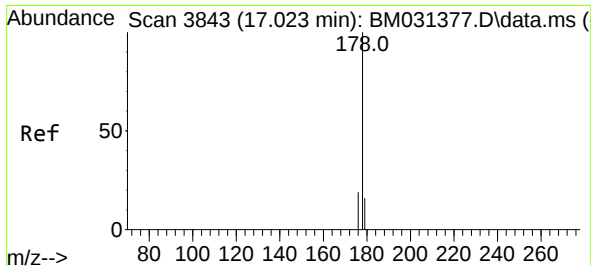
Tgt Ion:166 Resp: 1459
Ion Ratio Lower Upper
166 100
165 112.1 78.0 117.0
167 78.4 12.0 18.0#



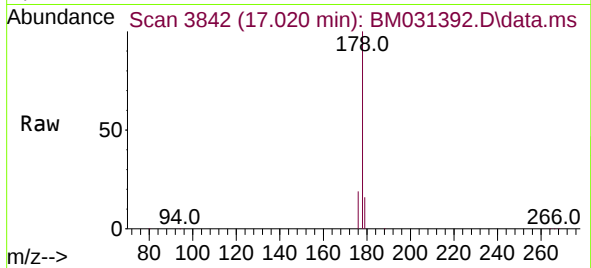
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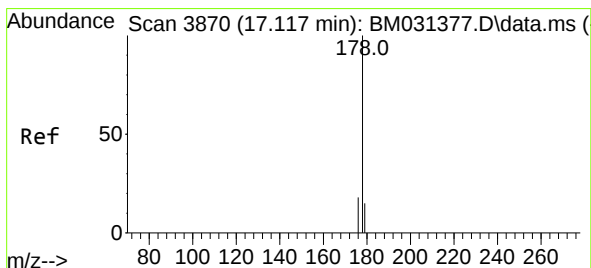
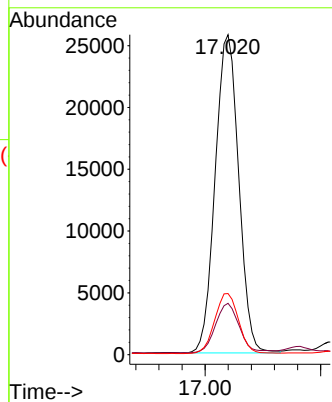
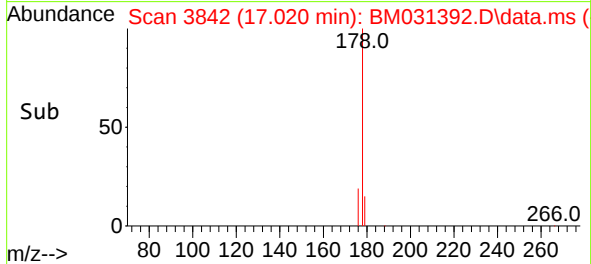
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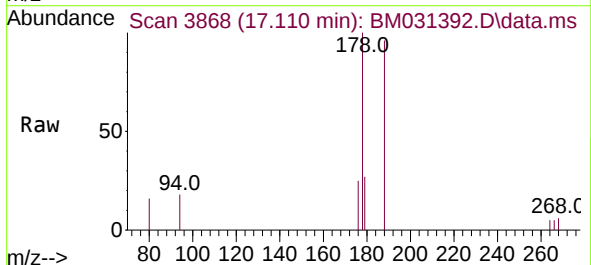
#15
Phenanthrene
Concen: 1.97 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



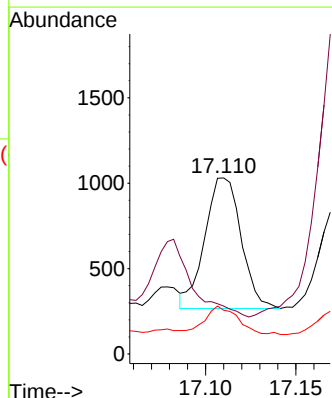
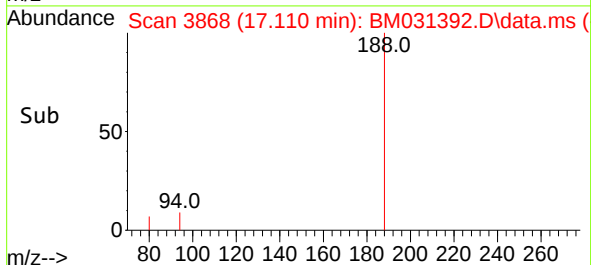
Tgt Ion:178 Resp: 36455
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



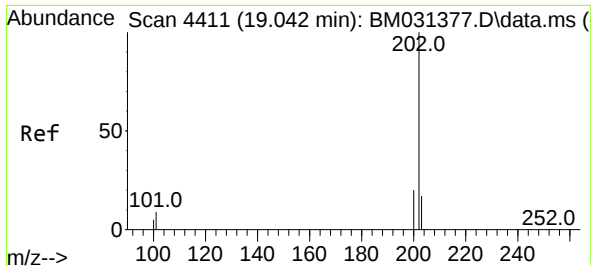
Tgt Ion:178 Resp: 1071
Ion Ratio Lower Upper
178 100
179 27.2 13.0 19.6#
176 24.8 15.6 23.4#



Instrument :
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ClientSampled :
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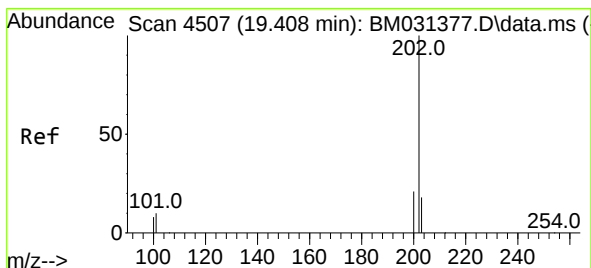
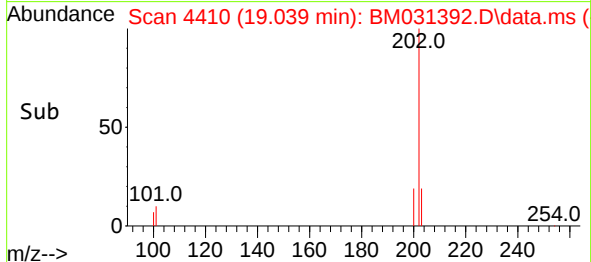
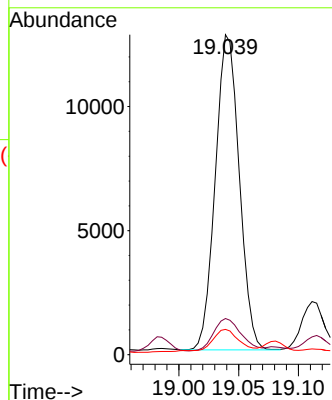
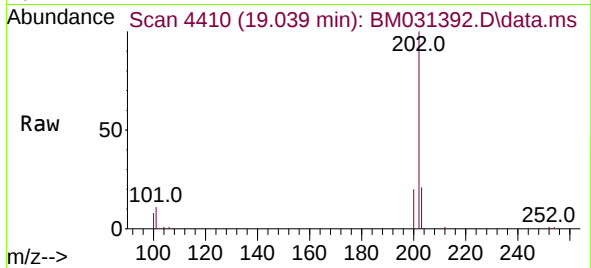
#19
Fluoranthene
Concen: 0.92 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:202 Resp: 17728
Ion Ratio Lower Upper
202 100
101 11.3 6.6 10.0#
100 7.9 5.4 8.0

Instrument :
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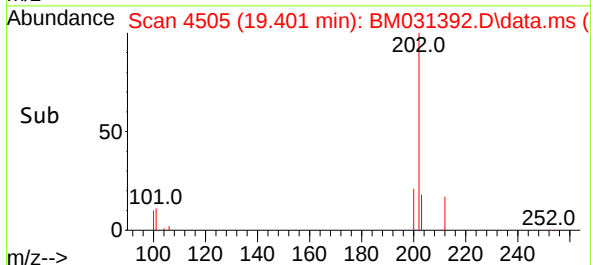
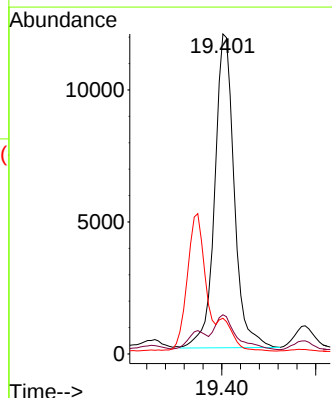
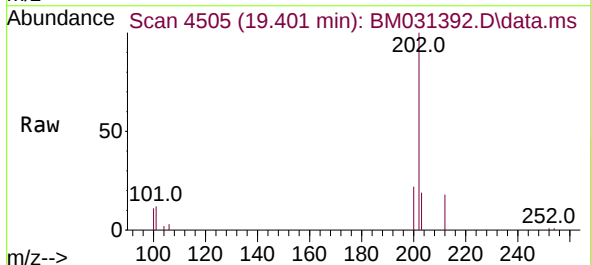
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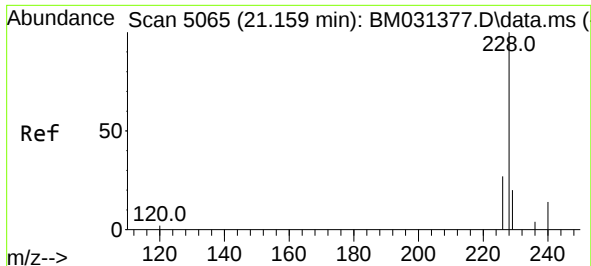
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#20
Pyrene
Concen: 0.88 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:202 Resp: 17098
Ion Ratio Lower Upper
202 100
101 12.3 7.8 11.6#
100 11.2 6.6 10.0#





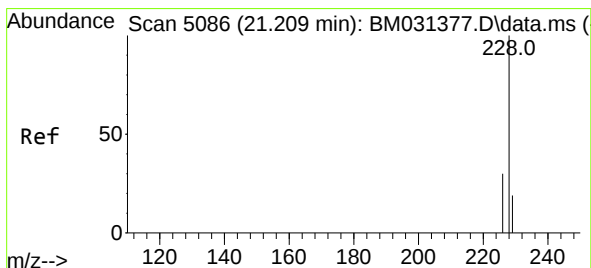
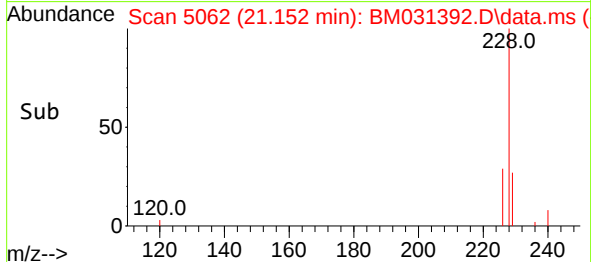
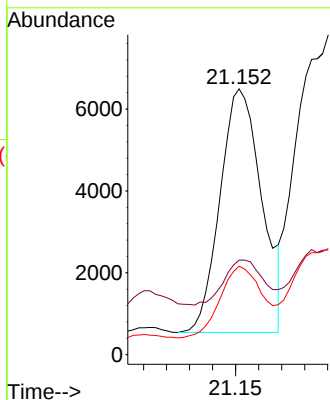
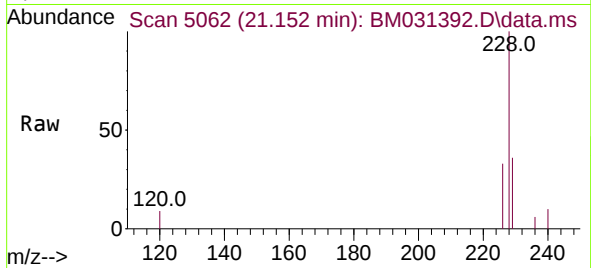
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Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:228 Resp: 7511
Ion Ratio Lower Upper
228 100
229 35.6 15.6 23.4#
226 33.3 21.7 32.5#

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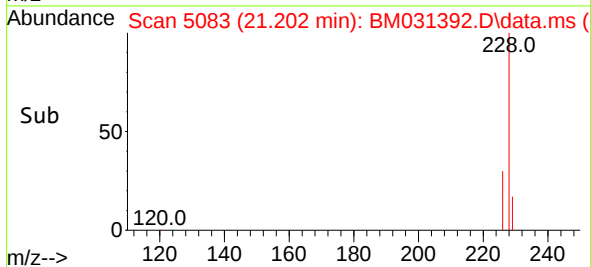
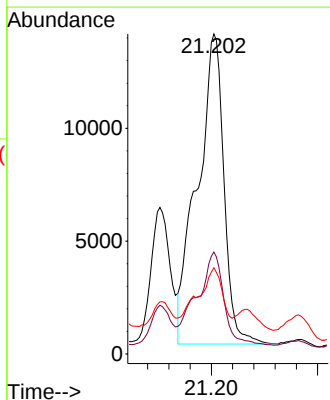
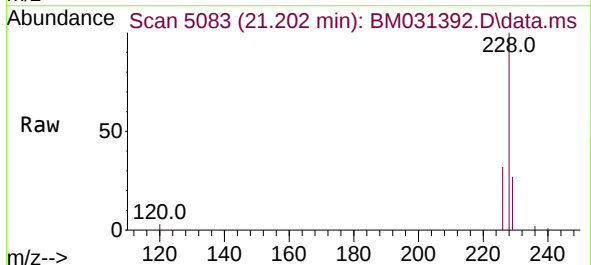
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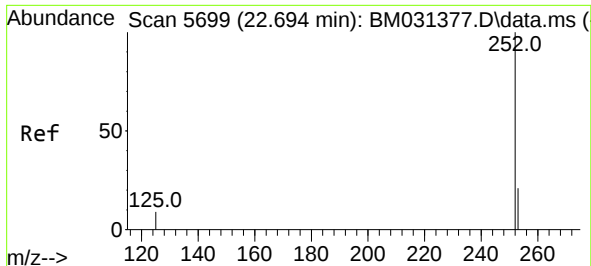
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#22
Chrysene
Concen: 1.27 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:228 Resp: 23869
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 27.0 16.2 24.2#





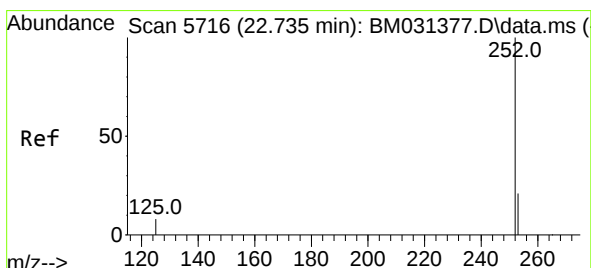
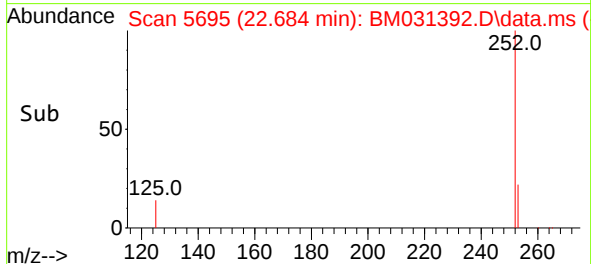
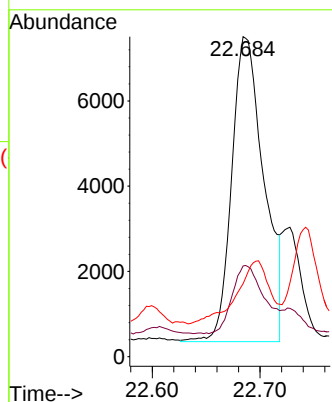
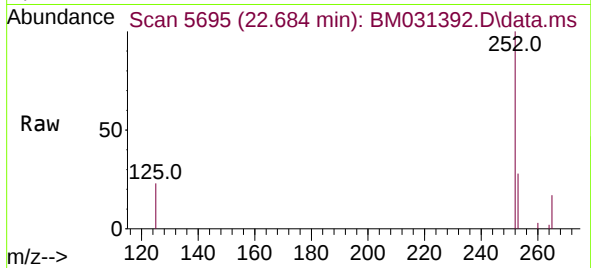
#24
Benzo(b)fluoranthene
Concen: 0.78 ng/ul m
RT: 22.684 min Scan# 5695
Delta R.T. -0.007 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	53.0
125	22.8	0.0	22.8#

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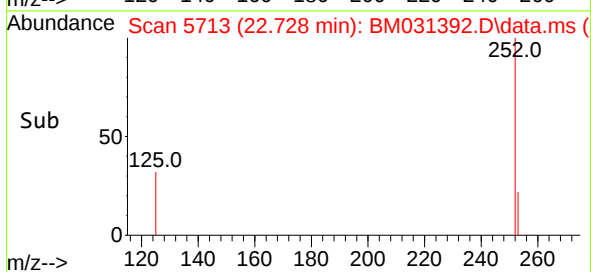
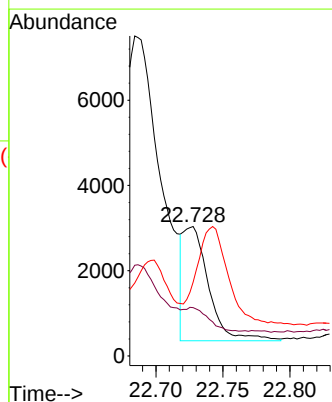
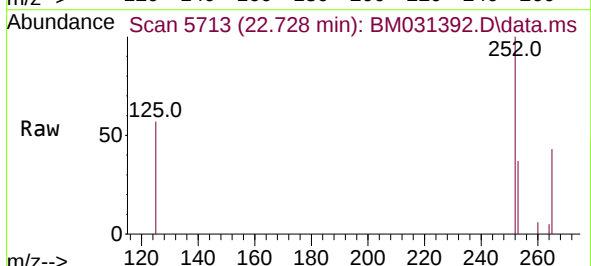
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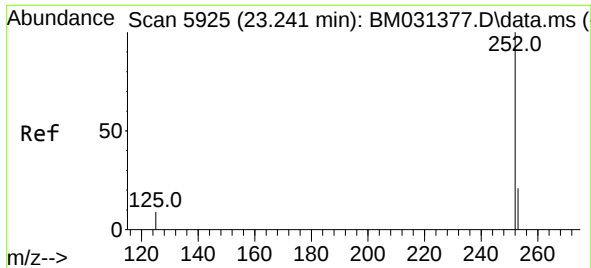
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#25
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.4	21.3	31.9#
125	57.2	8.8	13.2#





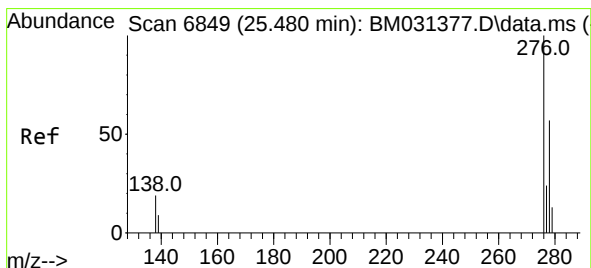
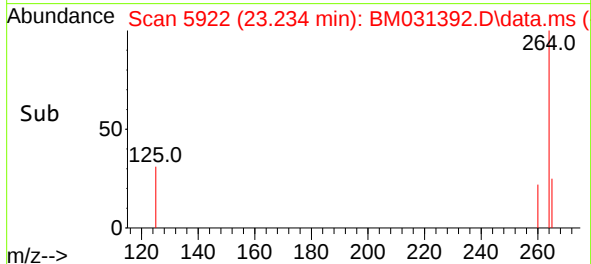
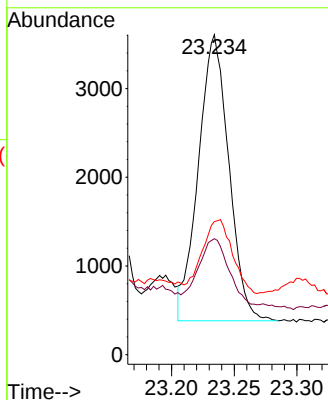
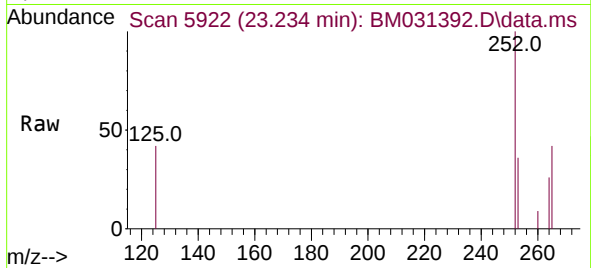
#26
Benzo(a)pyrene
Concen: 0.33 ng/u1
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:	252	Resp:	5438
Ion Ratio	Lower	Upper	
252	100		
253	36.2	22.4	33.6#
125	41.6	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0068

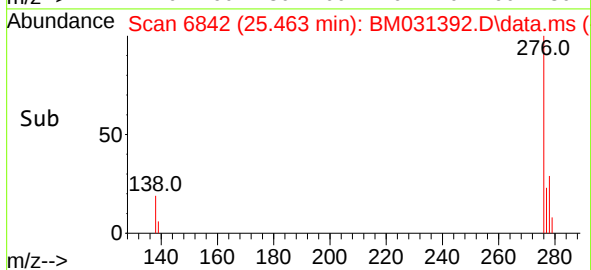
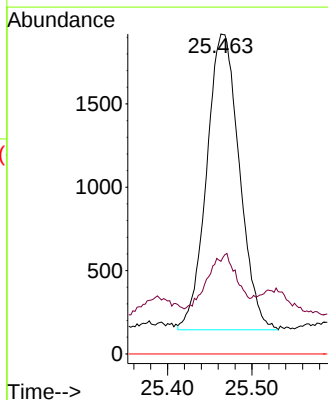
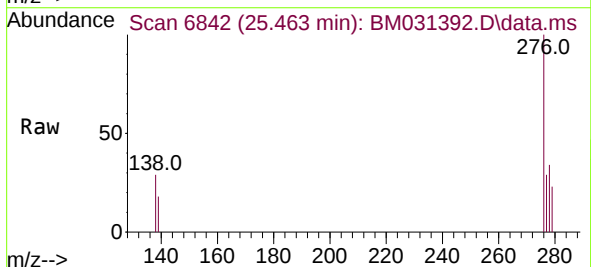
Manual Integrations
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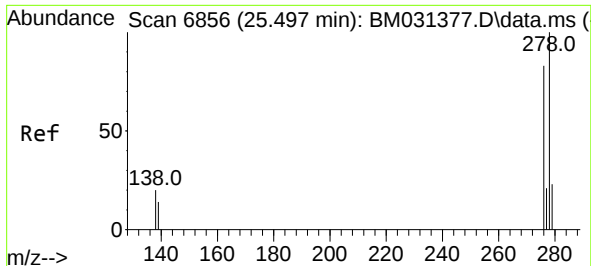
mohammad
8/3/2021 11:51:05 AM



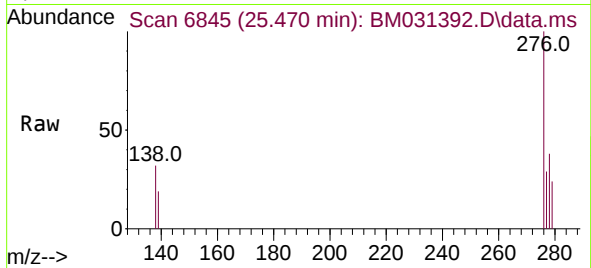
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/u1
RT: 25.463 min Scan# 6842
Delta R.T. -0.017 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20

Tgt Ion:	276	Resp:	4787
Ion Ratio	Lower	Upper	
276	100		
138	29.9	15.8	23.8#
227	0.0	0.0	0.0

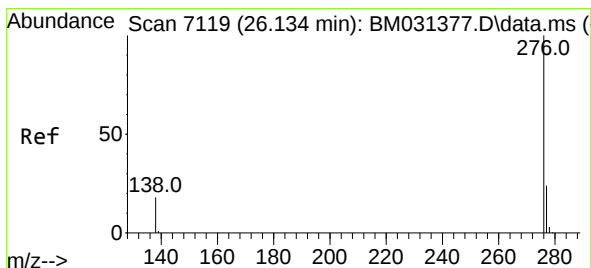
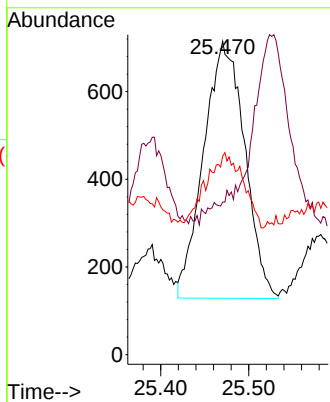
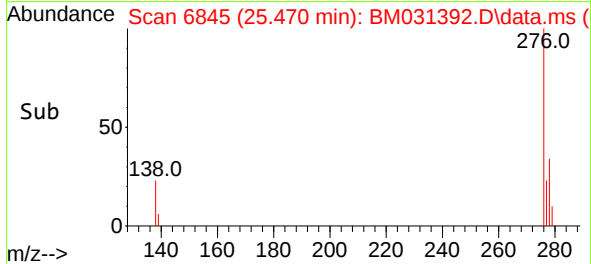




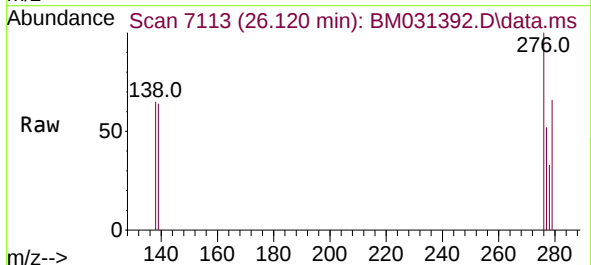
#28
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.022 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



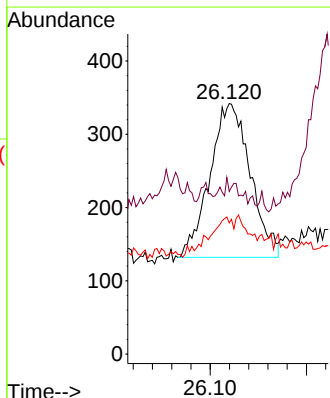
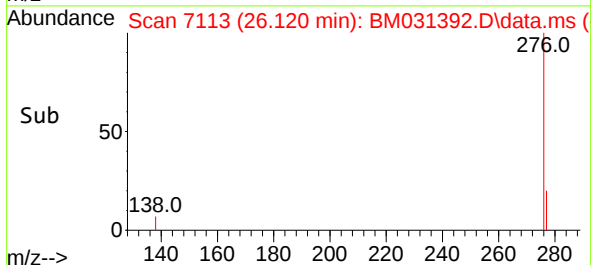
Tgt Ion:278 Resp: 1899
Ion Ratio Lower Upper
278 100
139 48.7 13.3 19.9#
279 63.4 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.120 min Scan# 7113
Delta R.T. -0.012 min
Lab File: BM031392.D
Acq: 03 Aug 2021 01:20



Tgt Ion:276 Resp: 612
Ion Ratio Lower Upper
276 100
138 64.9 15.4 23.2#
277 52.3 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0068

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:05 AM