

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031106.D
 Acq On : 24 Jul 2021 02:07
 Operator : CG/JU
 Sample : M2970-06DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA1DL

Manual Integrations
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Quant Time: Jul 24 04:20:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 18:04:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1406	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	5546	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3655	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	7956	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	8140	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	7521	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	457	0.31	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	313	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	911	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.451	128	875	0.05	ng/ul#	86
10) Acenaphthylene	13.986	152	1929	0.13	ng/ul	99
11) Acenaphthene	14.326	153	1103	0.08	ng/ul	94
12) Fluorene	15.316	166	1758	0.11	ng/ul#	96
15) Phenanthrene	17.051	178	35291	1.40	ng/ul	99
16) Anthracene	17.141	178	14832	0.63	ng/ul	98
19) Fluoranthene	19.069	202	112124	3.42	ng/ul	100
20) Pyrene	19.432	202	75072	2.24	ng/ul	99
21) Benzo(a)anthracene	21.178	228	70636	2.17	ng/ul	96
22) Chrysene	21.229	228	56950	1.62	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	69063m	1.95	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	25212m	0.70	ng/ul	
26) Benzo(a)pyrene	23.268	252	31447	1.03	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.514	276	19737	0.49	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.531	278	7519	0.23	ng/ul	92
29) Benzo(g,h,i)perylene	26.173	276	883	0.03	ng/ul#	59

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

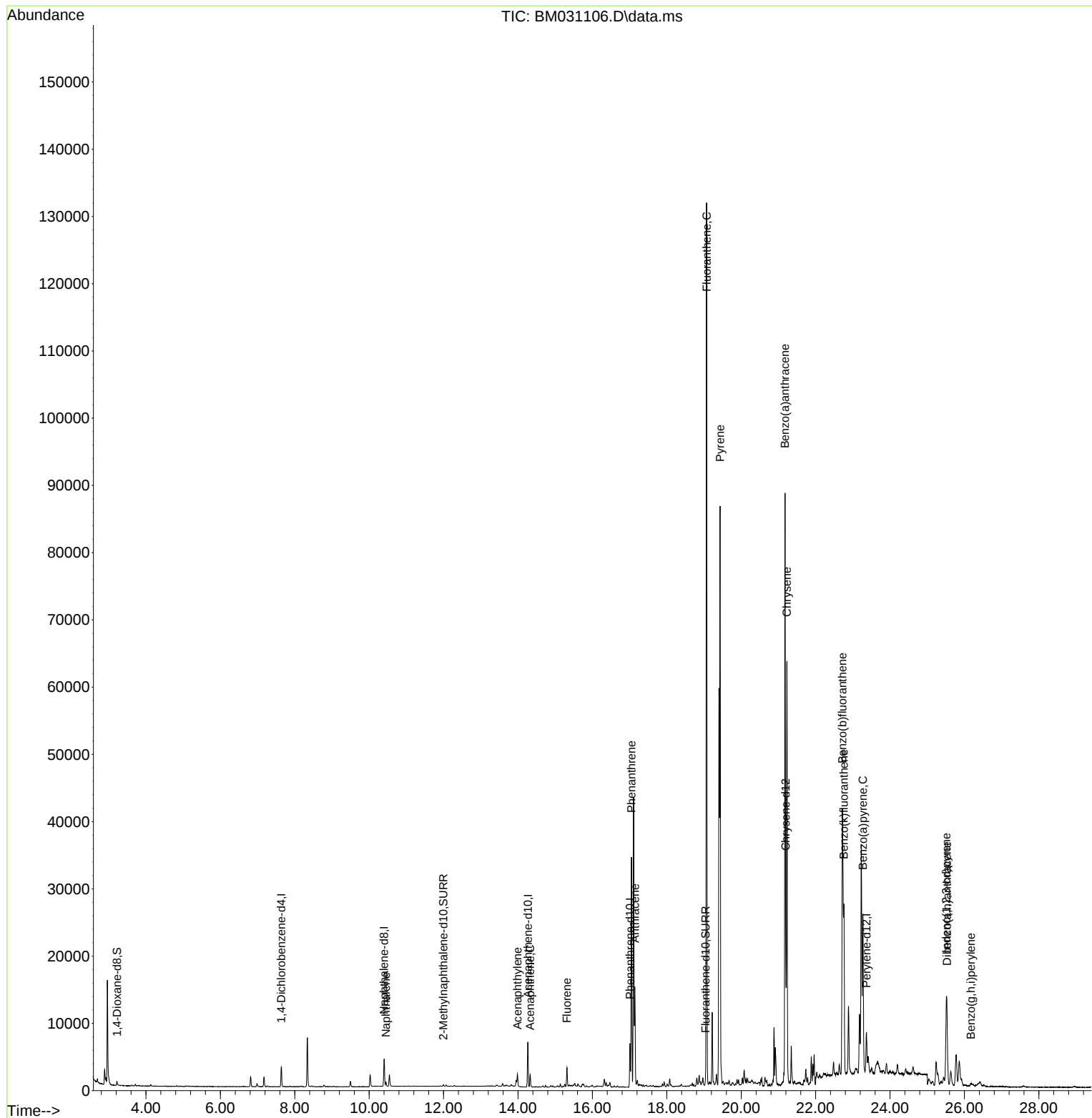
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031106.D
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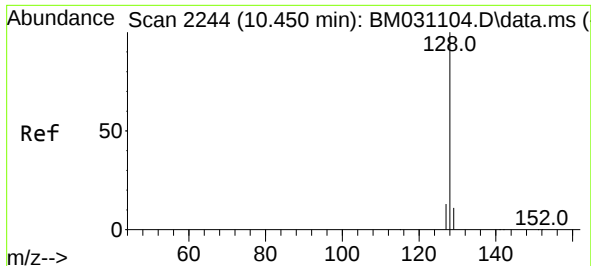
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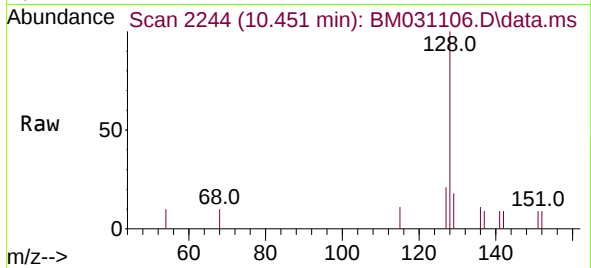
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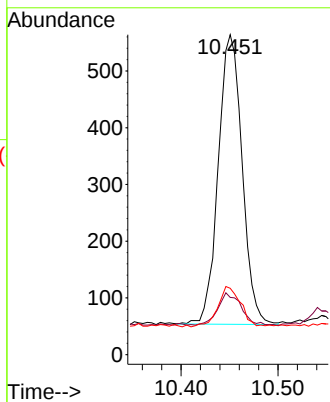
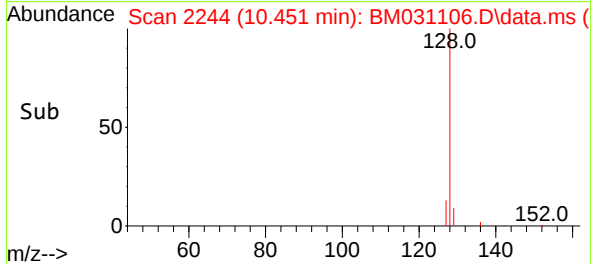




#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



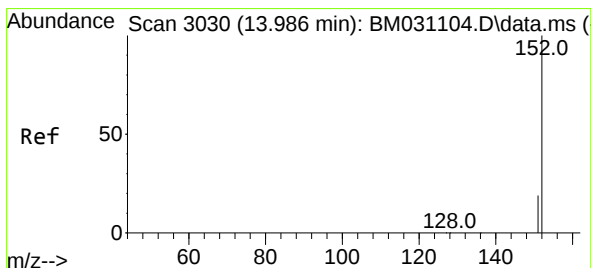
Tgt Ion:128 Resp: 875
Ion Ratio Lower Upper
128 100
129 17.9 10.2 15.4#
127 20.7 11.8 17.8#



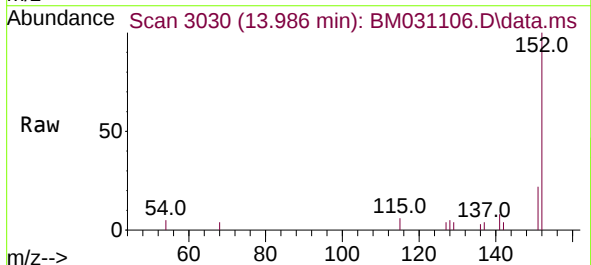
Instrument :
BNA_M
ClientSampled :
BGEA1DL

Manual Integrations
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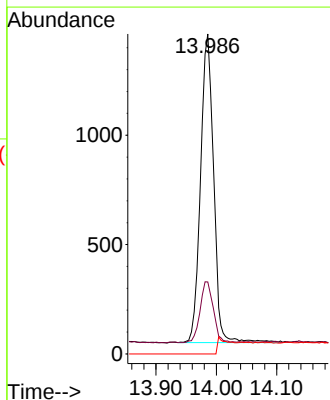
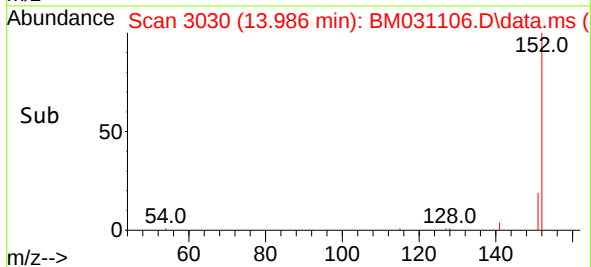
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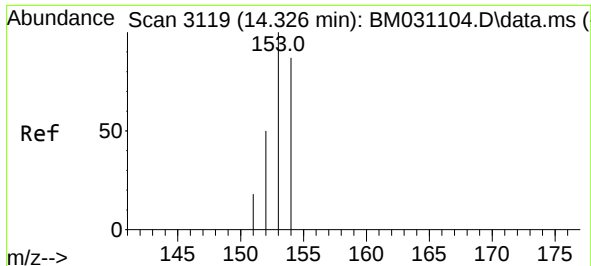


#10
Acenaphthylene
Concen: 0.13 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

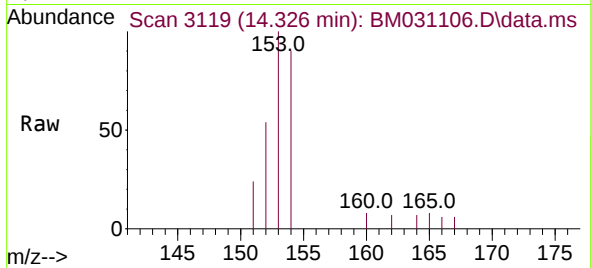


Tgt Ion:152 Resp: 1929
Ion Ratio Lower Upper
152 100
151 22.5 17.5 26.3
153 0.0 0.0 0.0

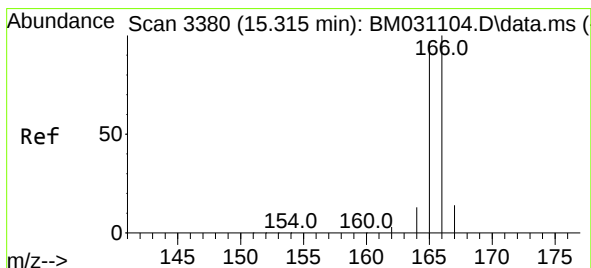
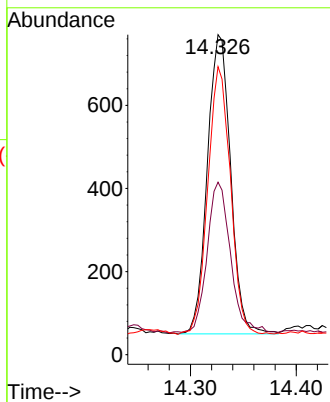
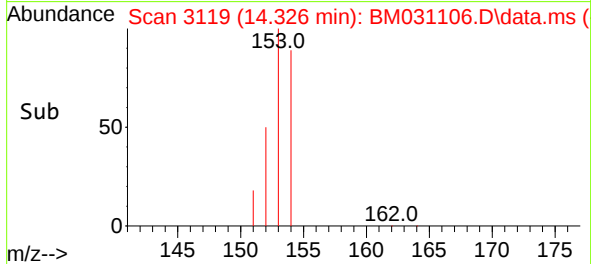




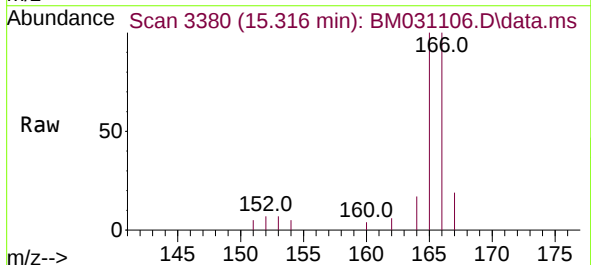
#11
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



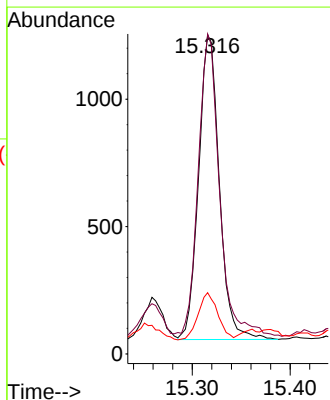
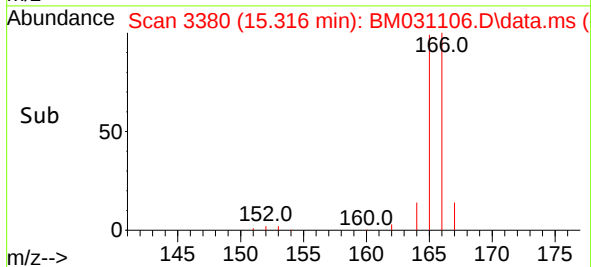
Tgt Ion:153 Resp: 1103
Ion Ratio Lower Upper
153 100
152 53.9 39.4 59.2
154 90.0 68.2 102.4



#12
Fluorene
Concen: 0.11 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



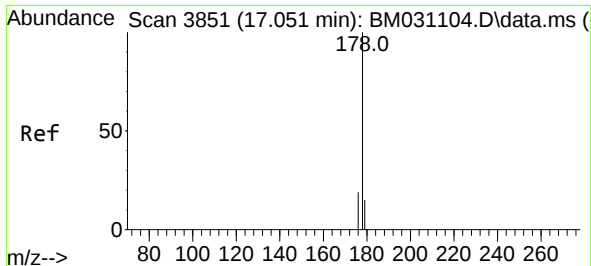
Tgt Ion:166 Resp: 1758
Ion Ratio Lower Upper
166 100
165 100.3 78.2 117.2
167 19.2 12.3 18.5#



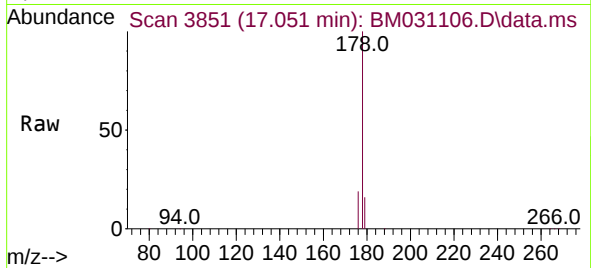
Instrument :
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ClientSampleID :
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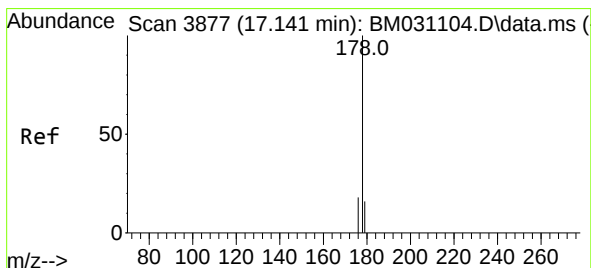
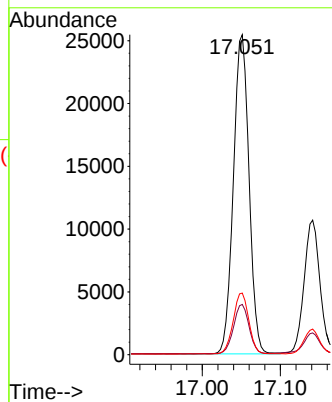
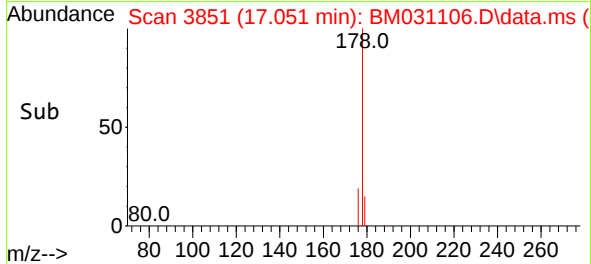
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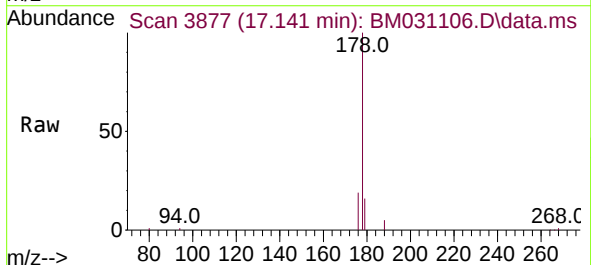
#15
Phenanthrene
Concen: 1.40 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



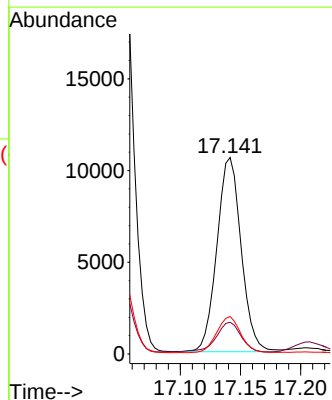
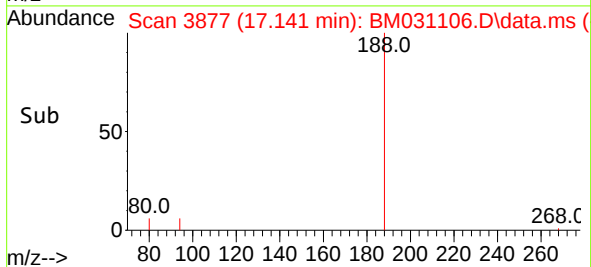
Tgt Ion:178 Resp: 35291
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.63 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



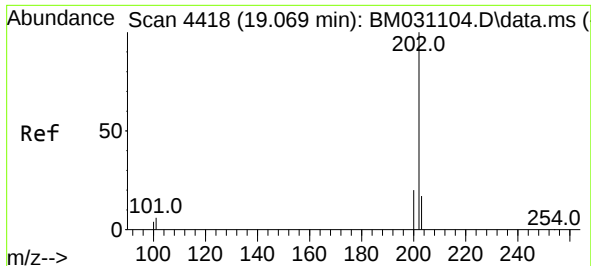
Tgt Ion:178 Resp: 14832
Ion Ratio Lower Upper
178 100
179 16.2 13.8 20.8
176 19.1 15.7 23.5



Instrument :
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ClientSampled :
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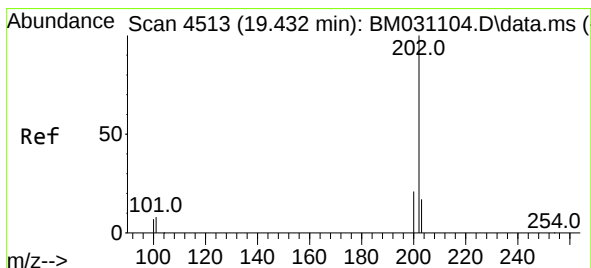
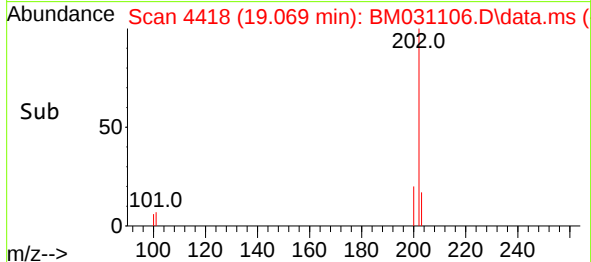
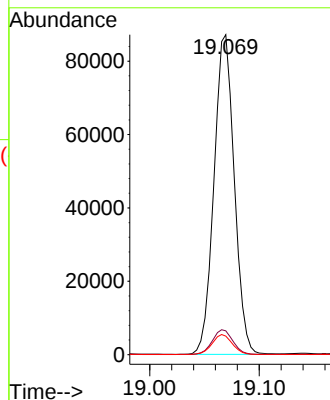
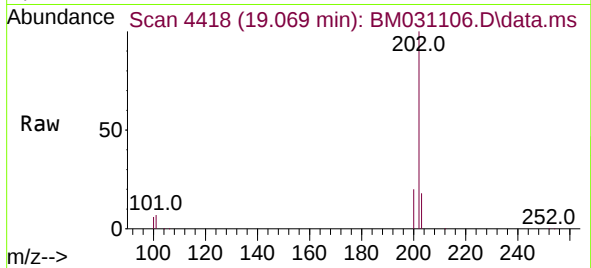
#19
Fluoranthene
Concen: 3.42 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:202 Resp: 112124
Ion Ratio Lower Upper
202 100
101 7.4 6.0 9.0
100 5.8 4.8 7.2

Instrument :
BNA_M
ClientSampleId :
BGEA1DL

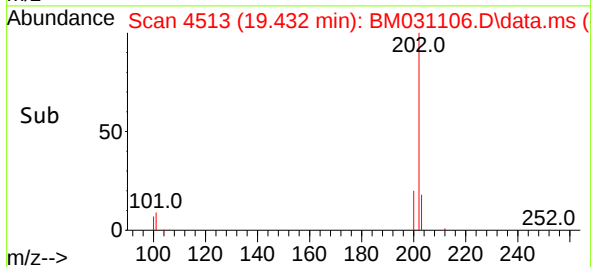
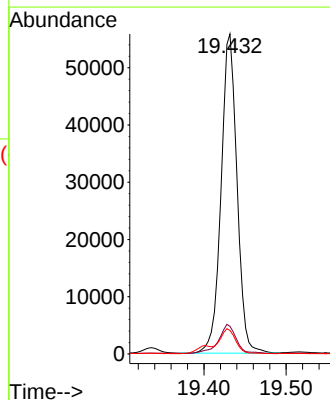
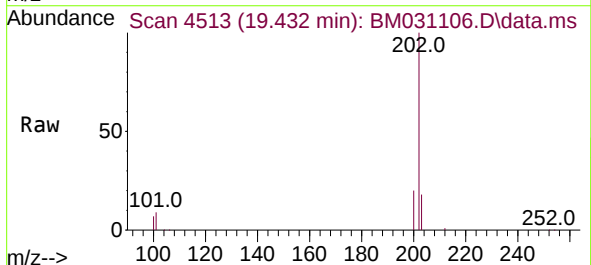
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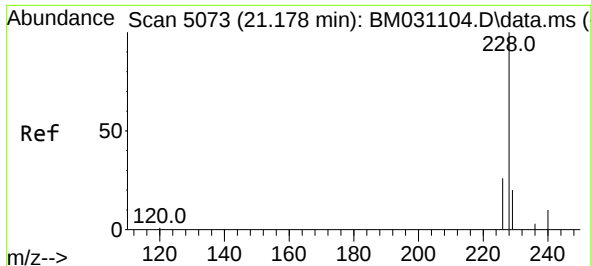
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#20
Pyrene
Concen: 2.24 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:202 Resp: 75072
Ion Ratio Lower Upper
202 100
101 8.7 7.4 11.0
100 7.3 6.0 9.0





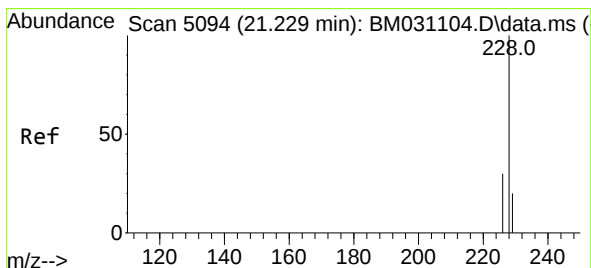
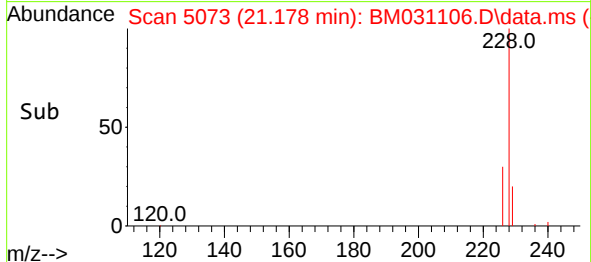
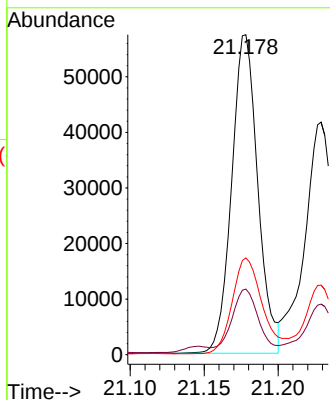
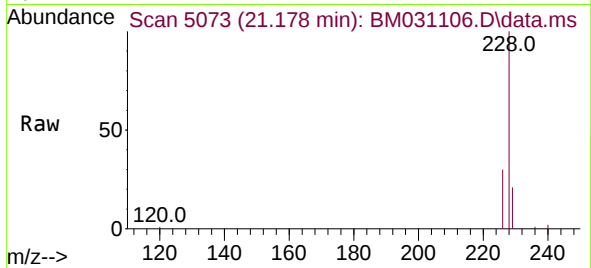
#21
Benzo(a)anthracene
Concen: 2.17 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:228 Resp: 70636
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 30.2 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEA1DL

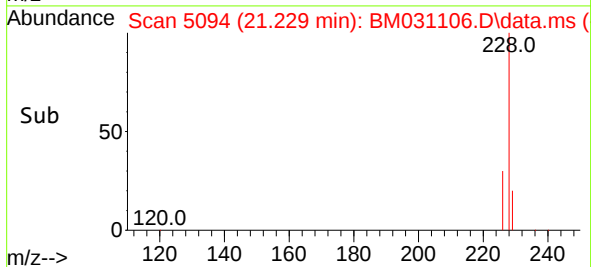
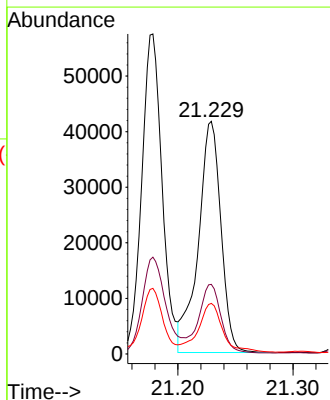
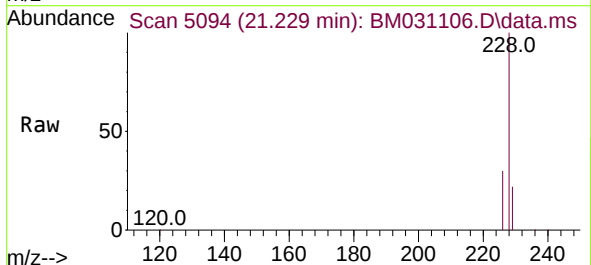
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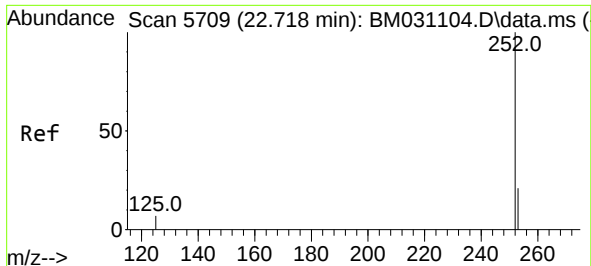
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#22
Chrysene
Concen: 1.62 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:228 Resp: 56950
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.7 15.8 23.8





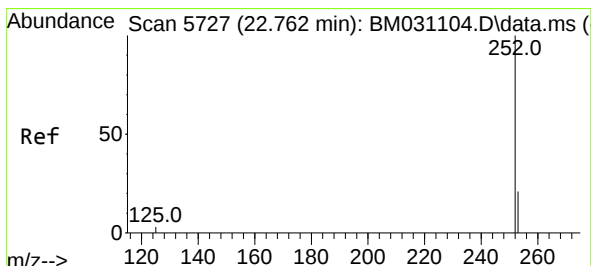
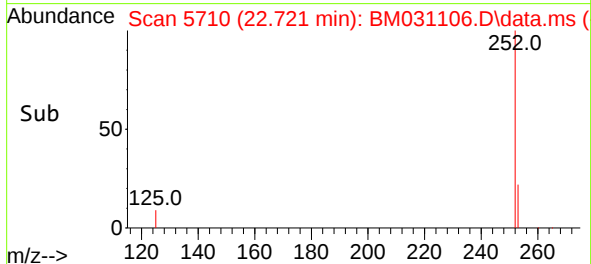
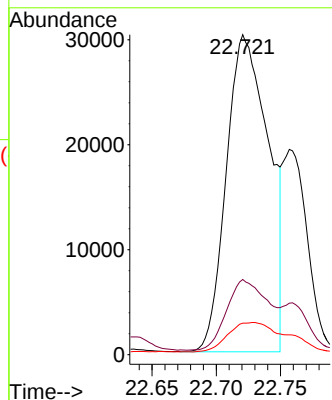
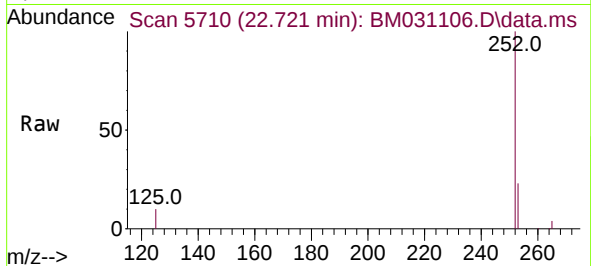
#24
Benzo(b)fluoranthene
Concen: 1.95 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:252 Resp: 69063
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 9.8 0.0 20.2

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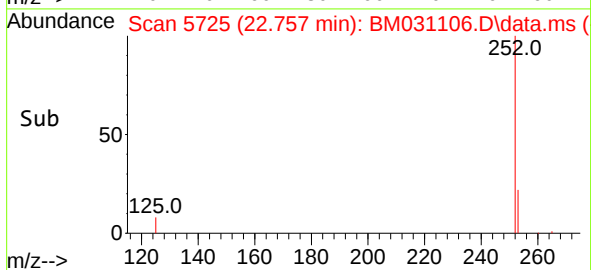
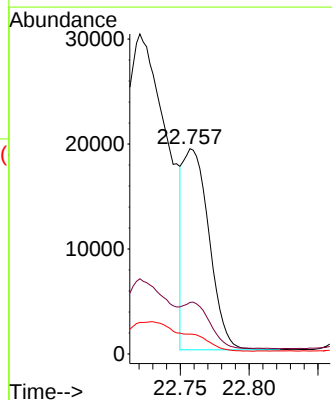
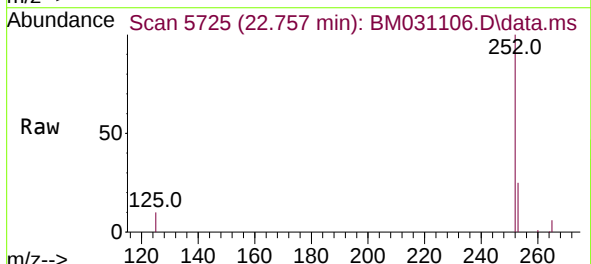
Manual Integrations
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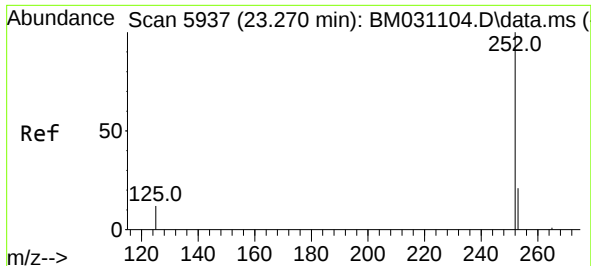
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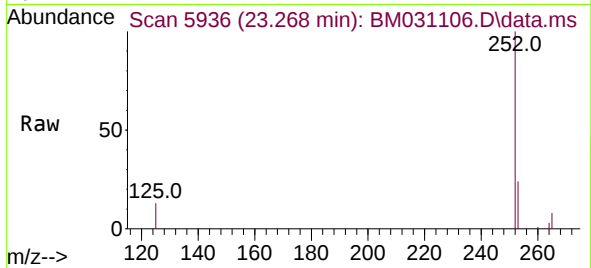
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Benzo(k)fluoranthene
Concen: 0.70 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

Tgt Ion:252 Resp: 25212
Ion Ratio Lower Upper
252 100
253 25.1 21.6 32.4
125 9.7 8.6 13.0

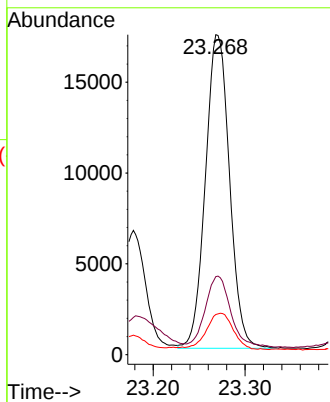
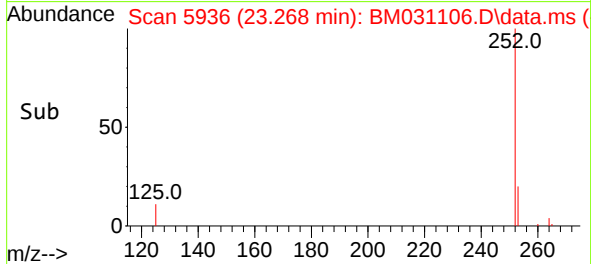




#26
Benzo(a)pyrene
Concen: 1.03 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



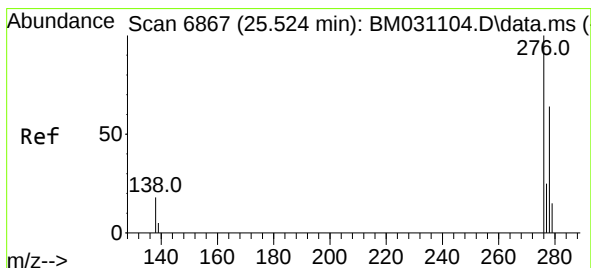
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Ion Ratio Lower Upper
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125 12.6 10.7 16.1



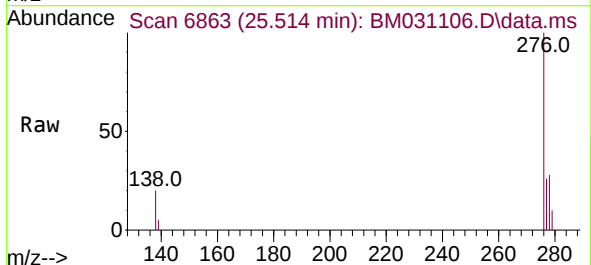
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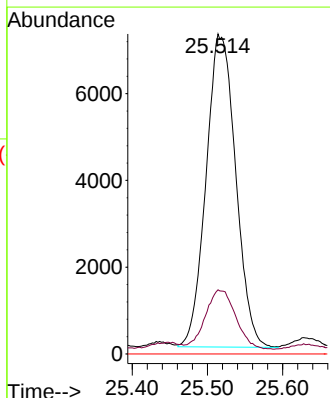
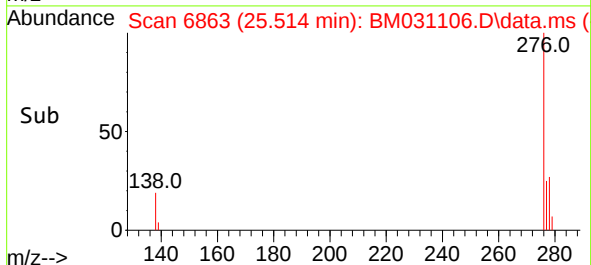
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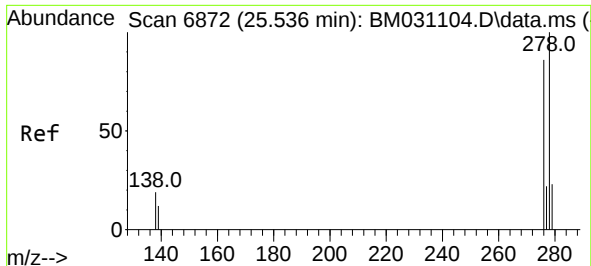


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07

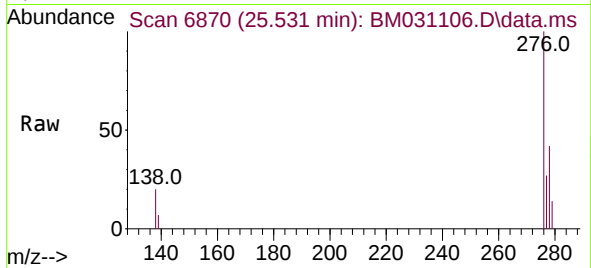


Tgt Ion:276 Resp: 19737
Ion Ratio Lower Upper
276 100
138 19.6 15.4 23.0
227 0.0 0.0 0.0

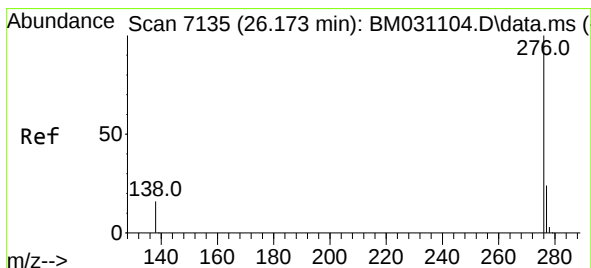
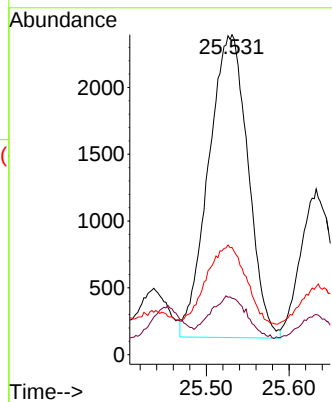
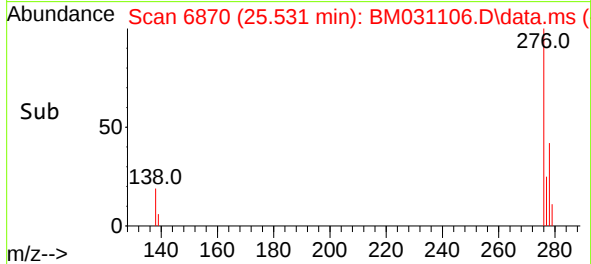




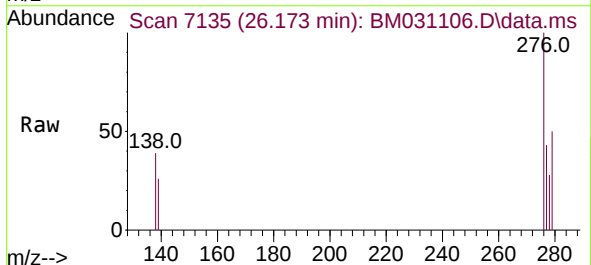
#28
Dibenzo(a,h)anthracene
Concen: 0.23 ng/ul
RT: 25.531 min Scan# 6870
Delta R.T. -0.014 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



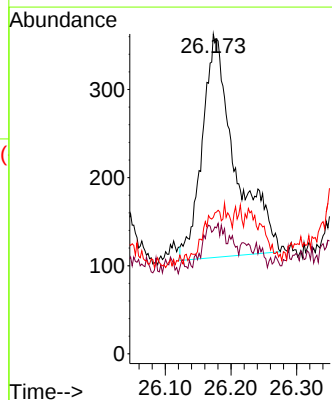
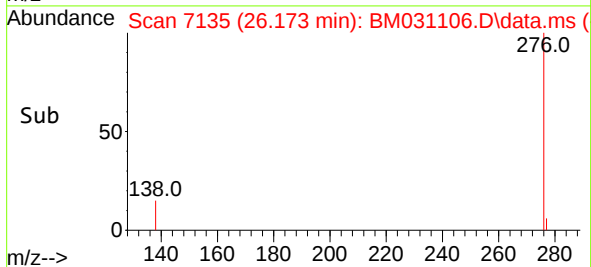
Tgt Ion:278 Resp: 7519
Ion Ratio Lower Upper
278 100
139 17.6 12.6 18.8
279 33.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.173 min Scan# 7135
Delta R.T. -0.019 min
Lab File: BM031106.D
Acq: 24 Jul 2021 02:07



Tgt Ion:276 Resp: 883
Ion Ratio Lower Upper
276 100
138 38.6 14.0 21.0#
277 42.7 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
BGEA1DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:23 PM