

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031233.D
 Acq On : 29 Jul 2021 05:35
 Operator : CG/JU
 Sample : M3082-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0011

Manual Integrations
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Quant Time: Jul 29 07:10:20 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 06:56:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1920	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7136	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.243	164	4723	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8355	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6302	0.400	ng/ul	# 0.00
23) Perylene-d12	23.350	264	6448	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4884	2.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	2108	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4621	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	27324	1.285	ng/ul	98
7) 2-Methylnaphthalene	12.043	142	25657	1.767	ng/ul	100
8) 1-Methylnaphthalene	12.263	142	19754	1.377	ng/ul	99
10) Acenaphthylene	13.963	152	4496	0.224	ng/ul	92
11) Acenaphthene	14.307	153	3634m	0.215	ng/ul	
12) Fluorene	15.297	166	7388	0.379	ng/ul#	70
15) Phenanthrene	17.034	178	123870	4.669	ng/ul	98
16) Anthracene	17.124	178	11330	0.456	ng/ul#	94
19) Fluoranthene	19.054	202	67373	2.504	ng/ul#	95
20) Pyrene	19.416	202	54123	1.983	ng/ul#	94
21) Benzo(a)anthracene	21.166	228	29028	1.141	ng/ul#	68
22) Chrysene	21.217	228	75434	2.865	ng/ul#	89
24) Benzo(b)fluoranthene	22.706	252	41520m	1.429	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	10415m	0.347	ng/ul	
26) Benzo(a)pyrene	23.256	252	13003	0.511	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.499	276	11983	0.364	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.507	278	6940	0.262	ng/ul#	12
29) Benzo(g,h,i)perylene	26.154	276	808	0.029	ng/ul#	1

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

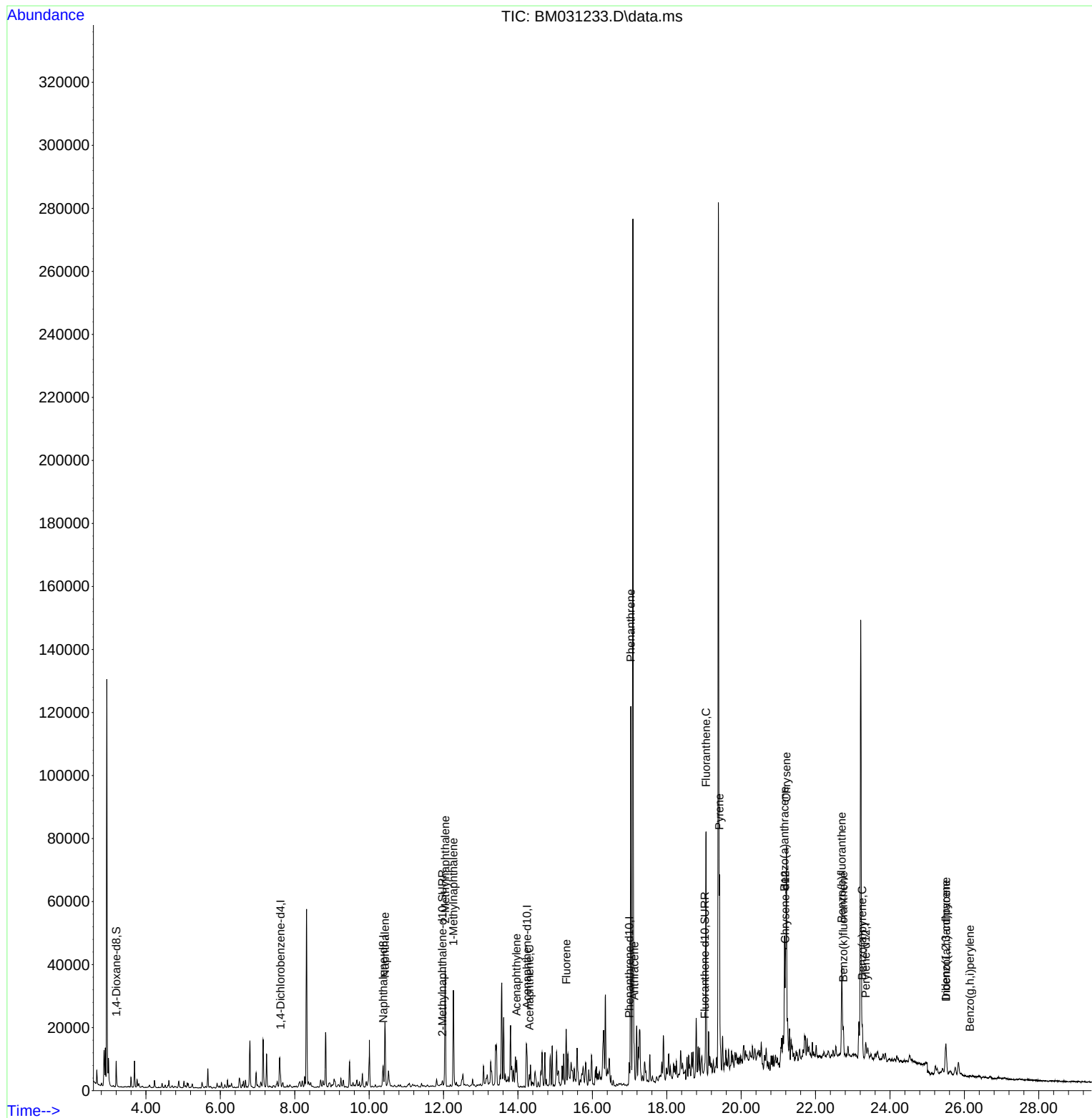
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031233.D
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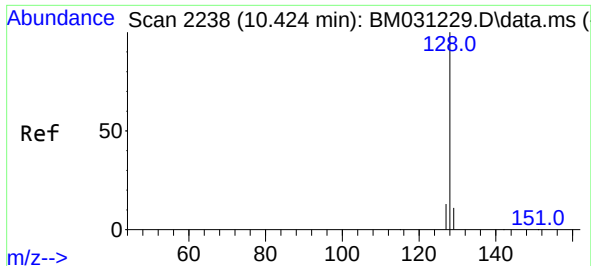
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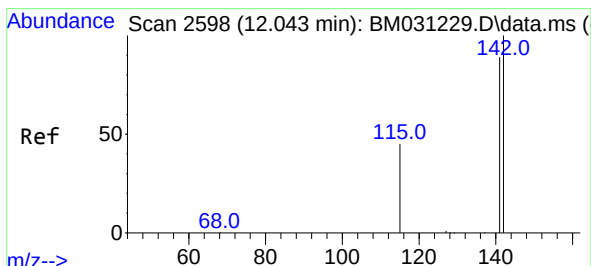
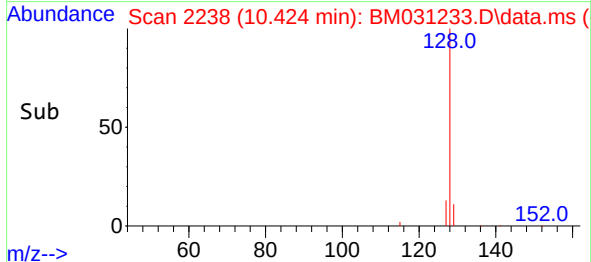
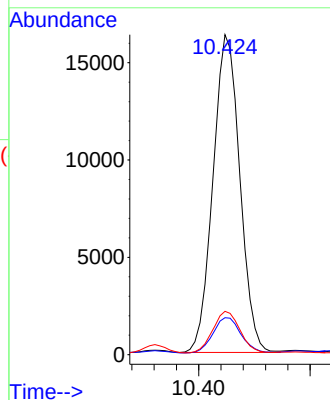
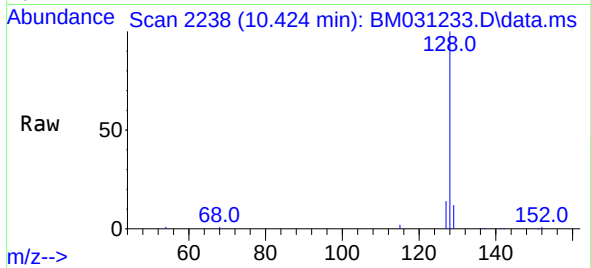
#5
Naphthalene
Concen: 1.285 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:	128	Resp:	27324
Ion Ratio	Lower	Upper	
128	100		
129	11.6	10.0	15.0
127	13.5	11.6	17.4

Instrument :
BNA_M
ClientSampled :
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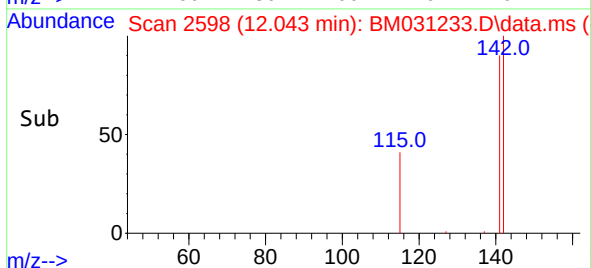
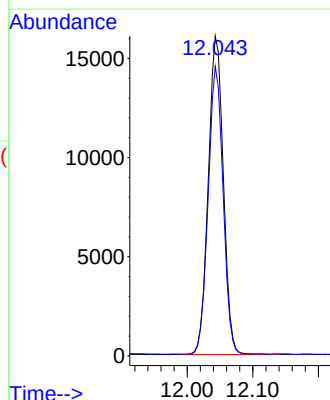
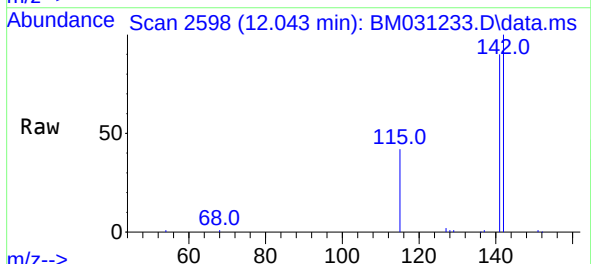
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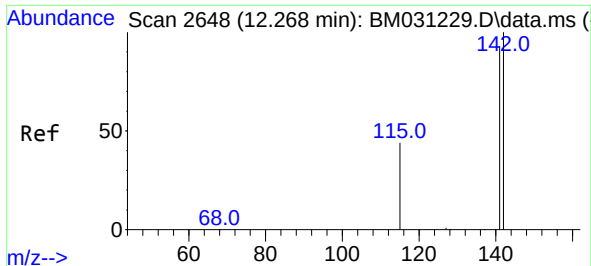
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#7
2-Methylnaphthalene
Concen: 1.767 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

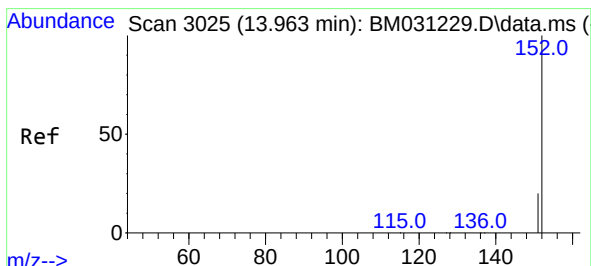
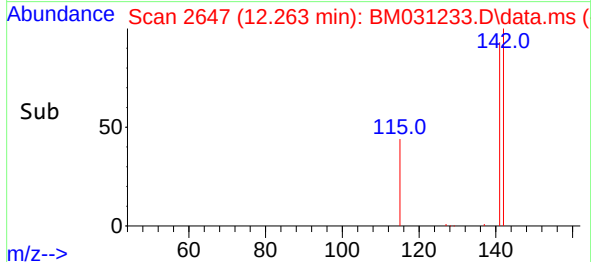
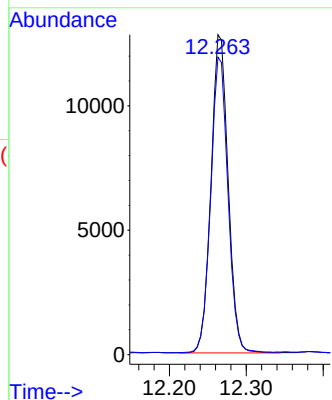
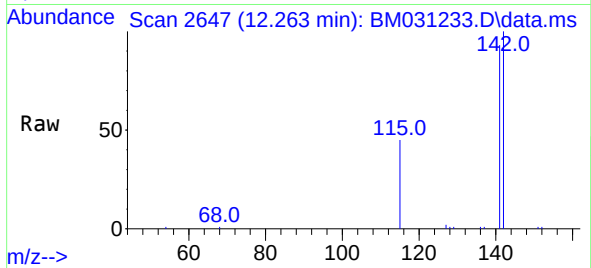
Tgt Ion:	142	Resp:	25657
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.4	107.0





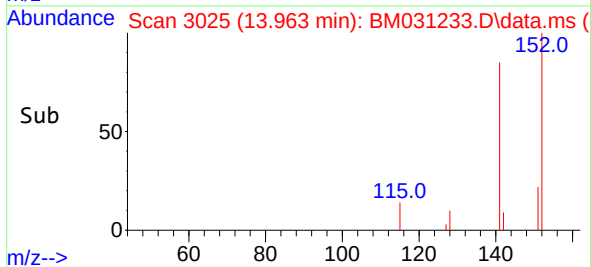
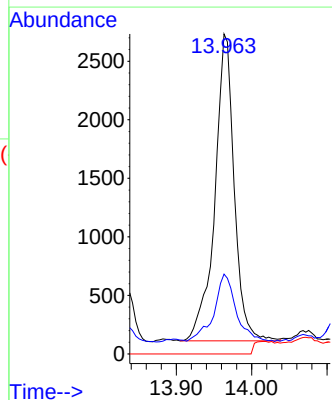
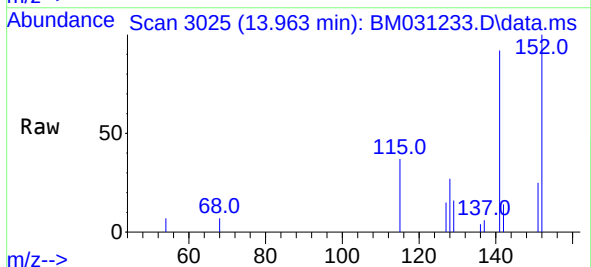
#8
1-Methylnaphthalene
Concen: 1.377 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.005 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:142 Resp: 19754
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.224 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

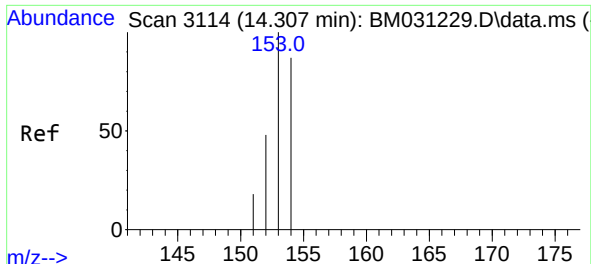
Tgt Ion:152 Resp: 4496
Ion Ratio Lower Upper
152 100
151 25.0 16.9 25.3
153 0.0 0.0 0.0



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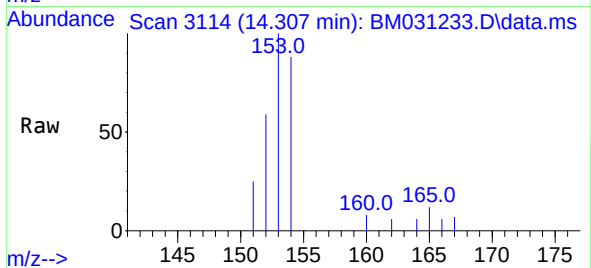
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#11
Acenaphthene
Concen: 0.215 ng/ul m
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

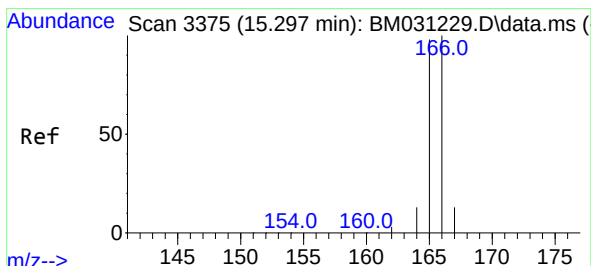
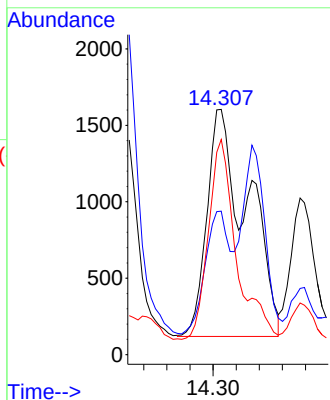
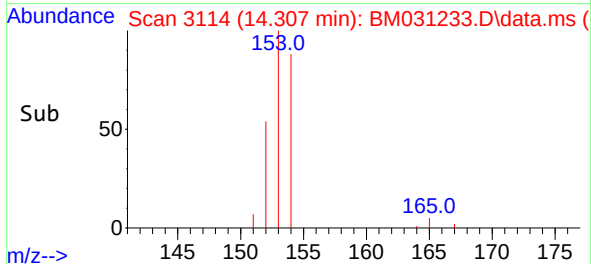
Instrument :
BNA_M
ClientSampled :
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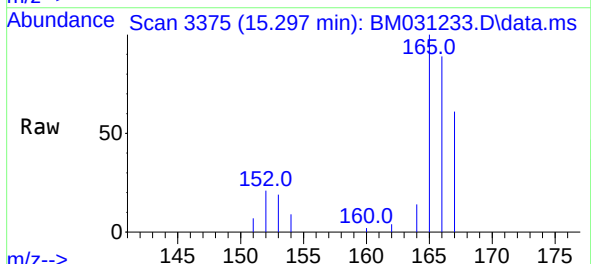
Tgt Ion:153 Resp: 3634
Ion Ratio Lower Upper
153 100
152 58.5 40.7 61.1
154 87.7 70.2 105.2

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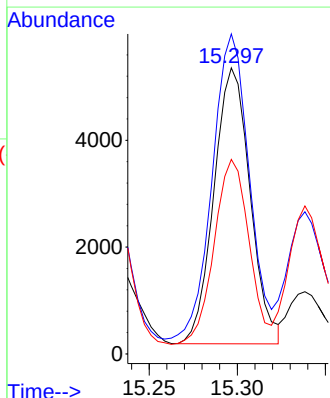
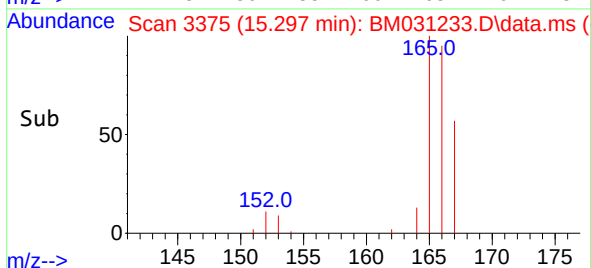
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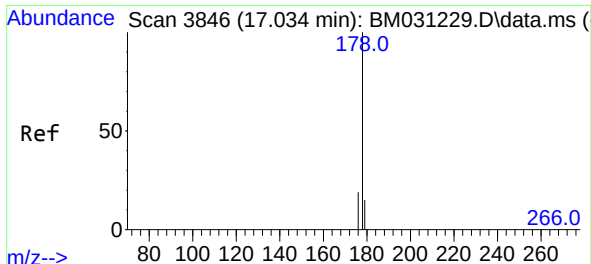


#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35



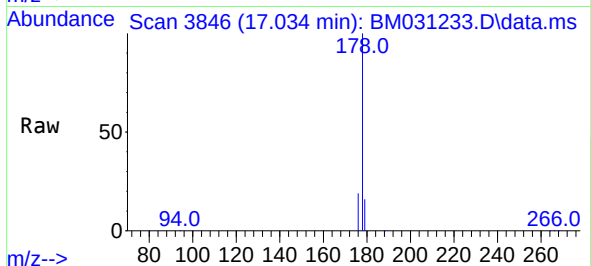
Tgt Ion:166 Resp: 7388
Ion Ratio Lower Upper
166 100
165 111.9 78.0 117.0
167 68.0 12.0 18.0#





#15
Phenanthrene
Concen: 4.669 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

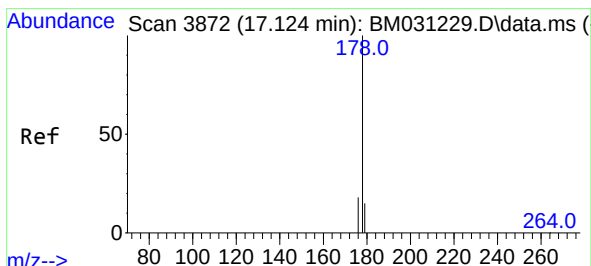
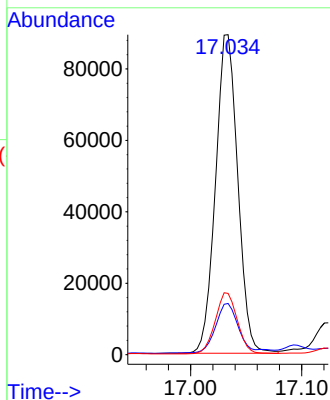
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ClientSampled :
C0011



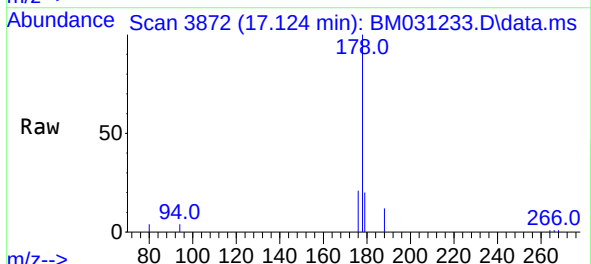
Tgt Ion:178 Resp: 123870
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 16.2 24.4

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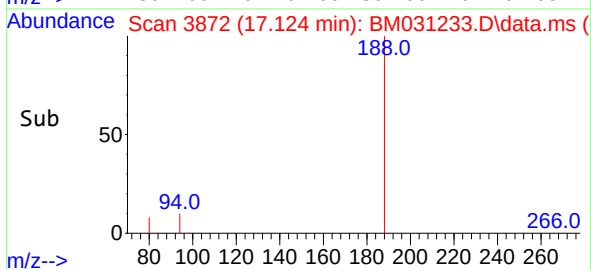
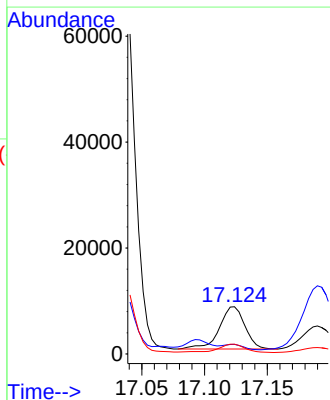
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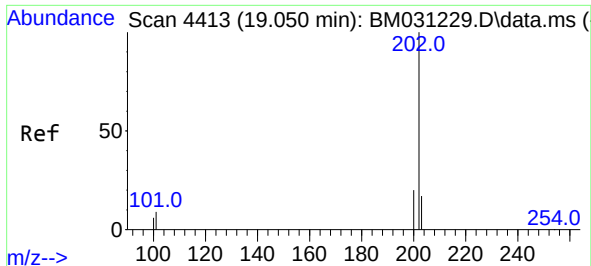


#16
Anthracene
Concen: 0.456 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35



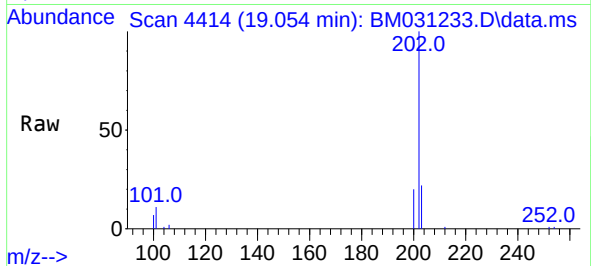
Tgt Ion:178 Resp: 11330
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 2.504 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

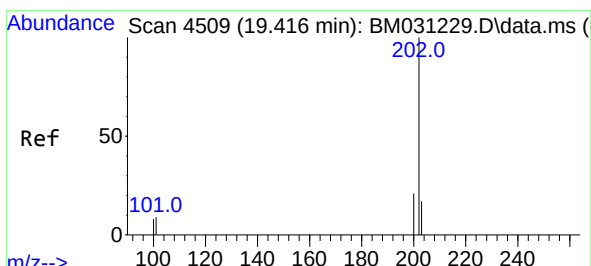
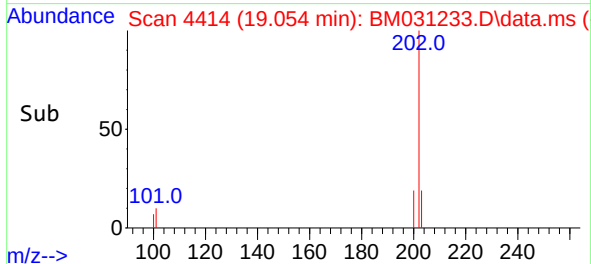
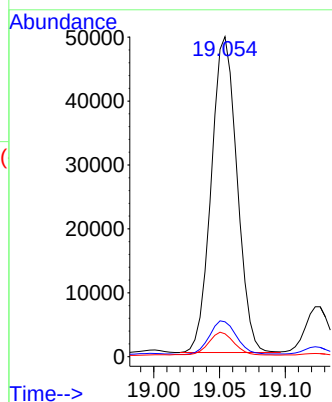
Instrument :
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ClientSampled :
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Tgt Ion:202 Resp: 67373
Ion Ratio Lower Upper
202 100
101 10.9 6.6 10.0#
100 7.2 5.4 8.0

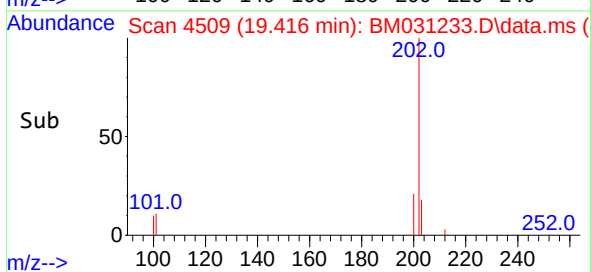
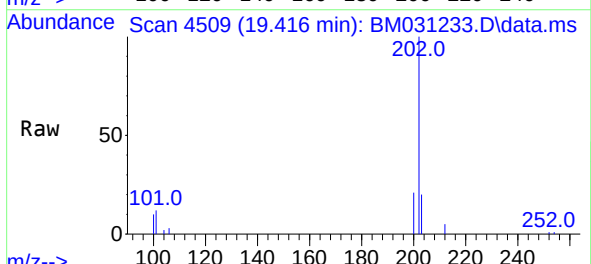
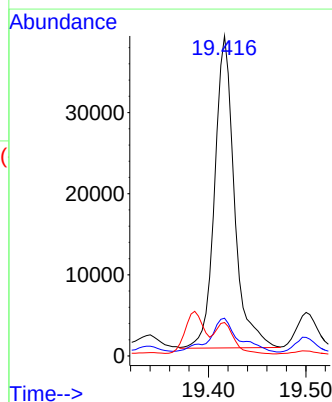
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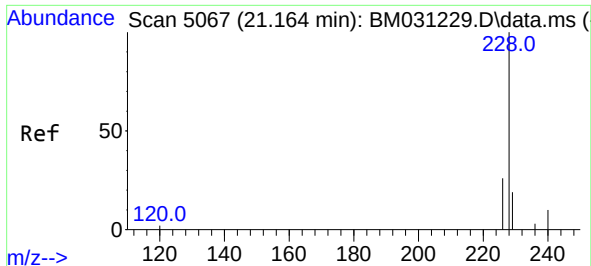
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#20
Pyrene
Concen: 1.983 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
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Tgt Ion:202 Resp: 54123
Ion Ratio Lower Upper
202 100
101 11.8 7.8 11.6#
100 10.4 6.6 10.0#





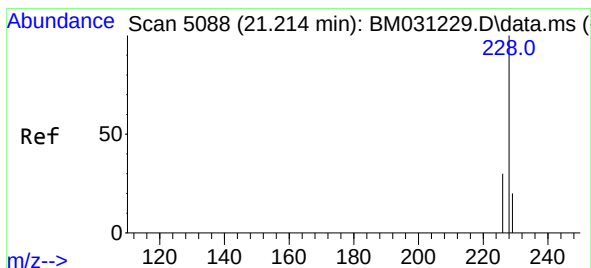
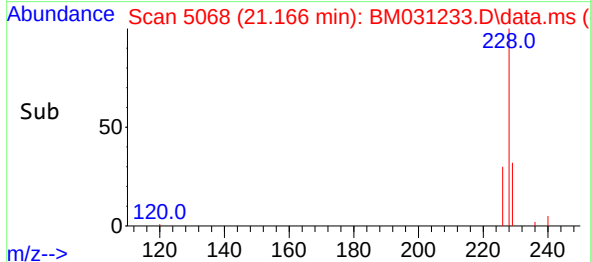
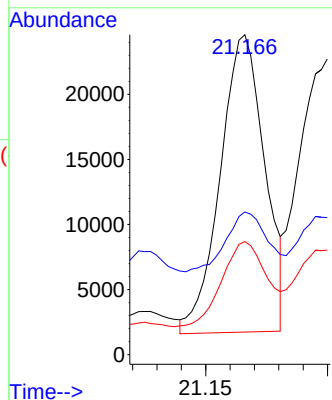
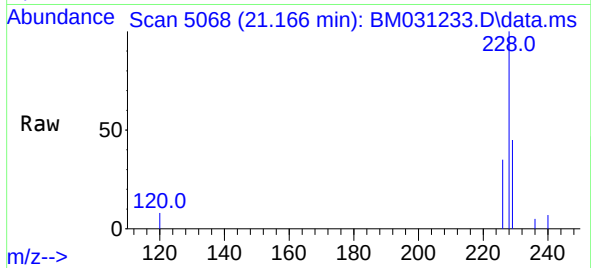
#21
Benzo(a)anthracene
Concen: 1.141 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:228 Resp: 29028
Ion Ratio Lower Upper
228 100
229 44.6 15.6 23.4#
226 35.3 21.7 32.5#

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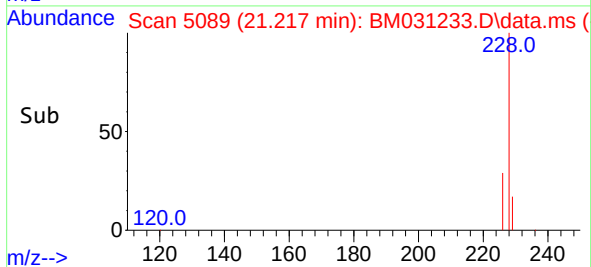
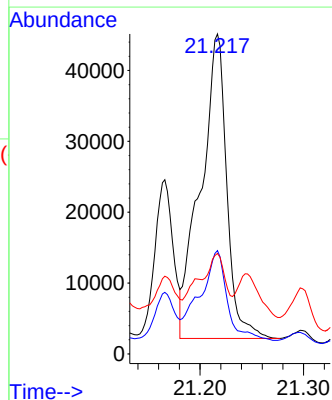
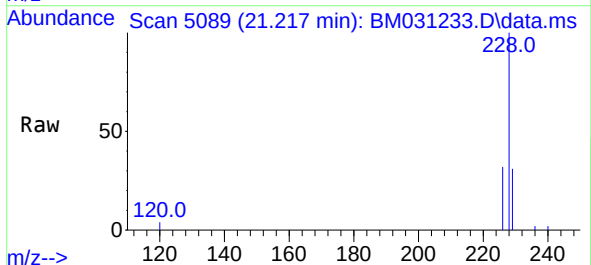
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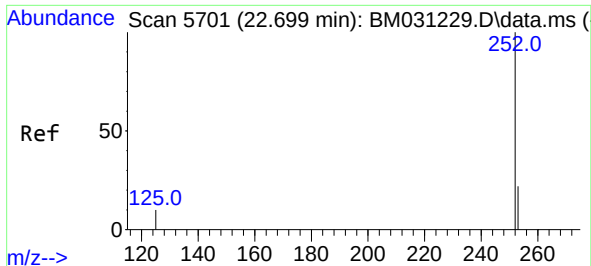
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#22
Chrysene
Concen: 2.865 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:228 Resp: 75434
Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 31.4 16.2 24.2#





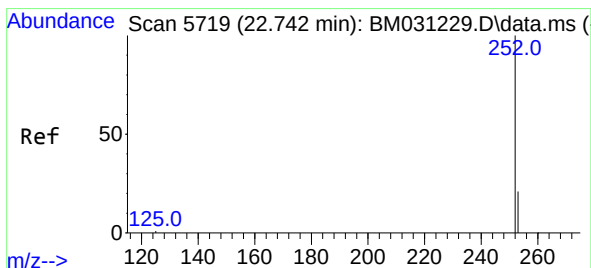
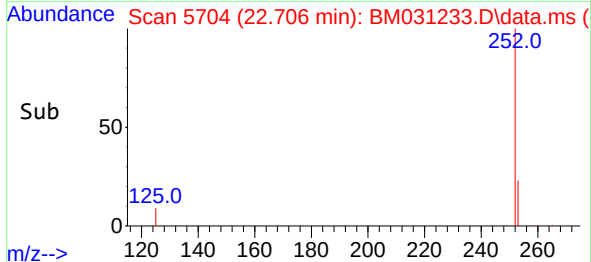
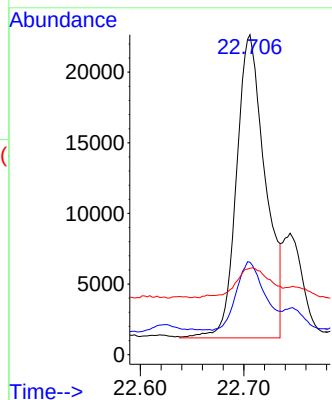
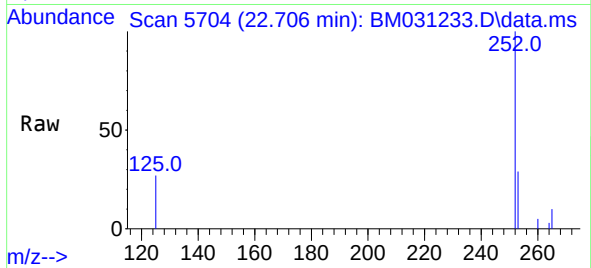
#24
Benzo(b)fluoranthene
Concen: 1.429 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:252 Resp: 41520
Ion Ratio Lower Upper
252 100
253 28.9 0.0 53.0
125 27.0 0.0 22.8#

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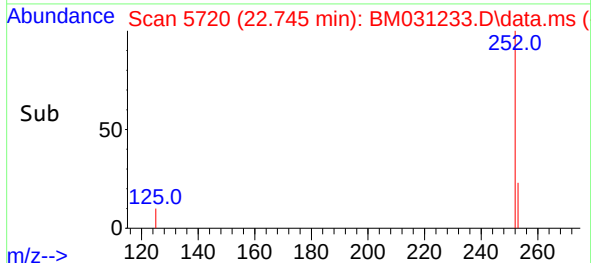
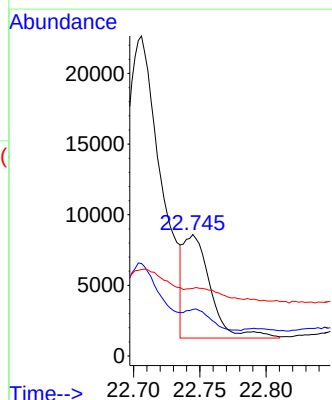
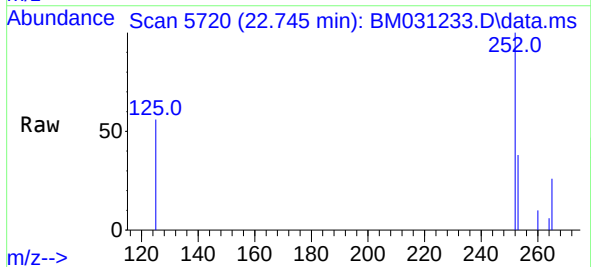
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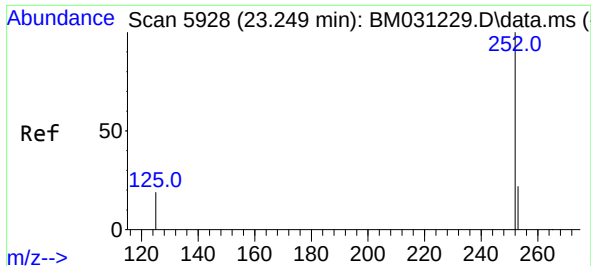
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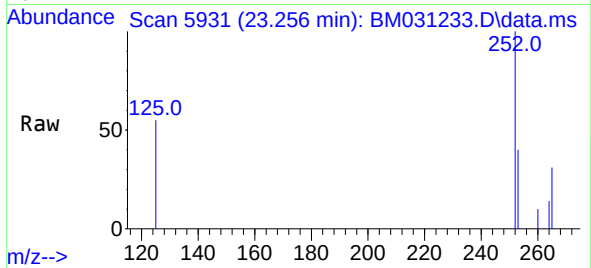
#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.003 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:252 Resp: 10415
Ion Ratio Lower Upper
252 100
253 38.3 21.3 31.9#
125 55.6 8.8 13.2#

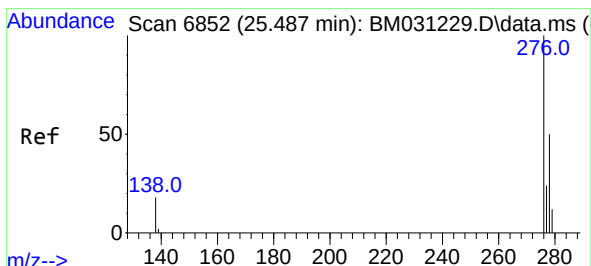
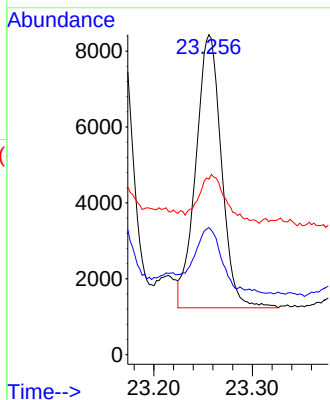
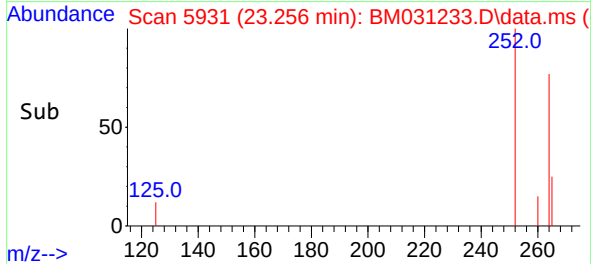




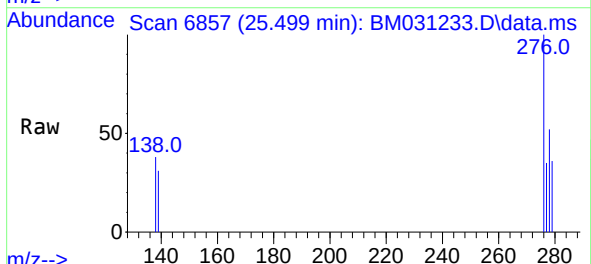
#26
Benzo(a)pyrene
Concen: 0.511 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35



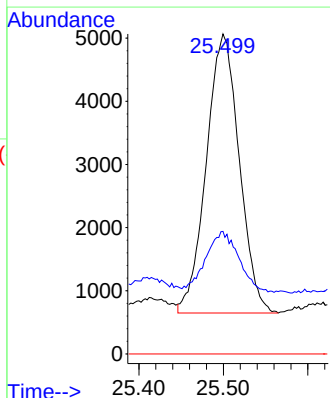
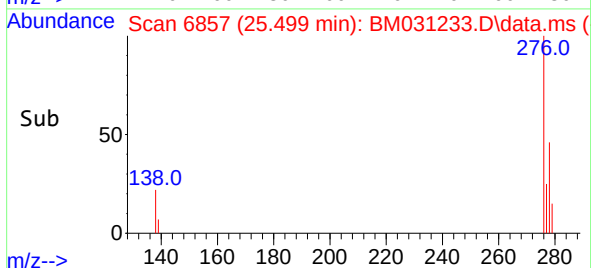
Tgt Ion:252 Resp: 13003
Ion Ratio Lower Upper
252 100
253 39.7 22.4 33.6#
125 54.9 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. 0.002 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35



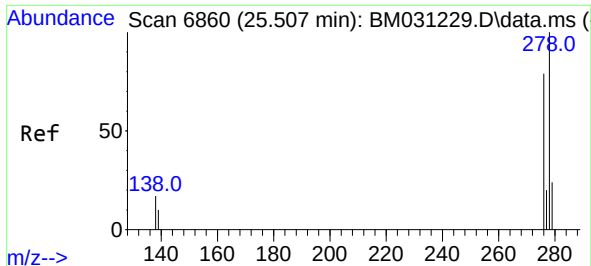
Tgt Ion:276 Resp: 11983
Ion Ratio Lower Upper
276 100
138 22.9 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0011

Manual Integrations
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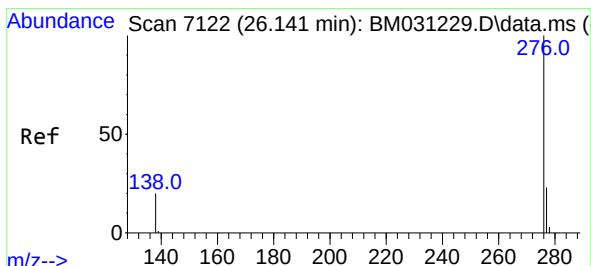
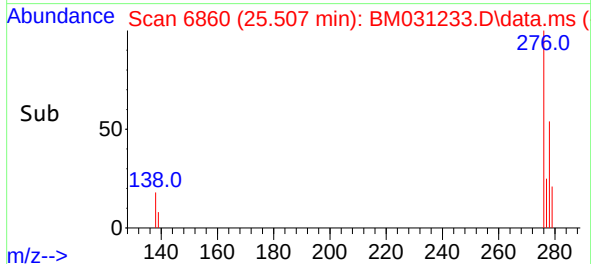
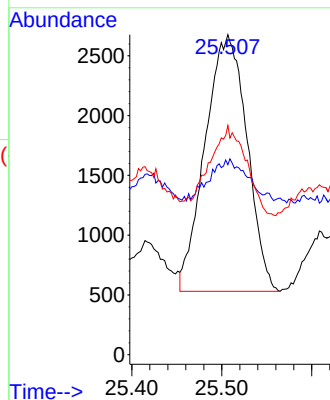
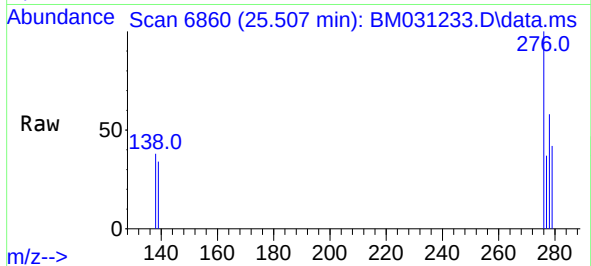
#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.507 min Scan# 6860
Delta R.T. -0.007 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:278 Resp: 6940
Ion Ratio Lower Upper
278 100
139 59.4 13.3 19.9#
279 71.6 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0011

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.154 min Scan# 7127
Delta R.T. 0.005 min
Lab File: BM031233.D
Acq: 29 Jul 2021 05:35

Tgt Ion:276 Resp: 808
Ion Ratio Lower Upper
276 100
138 91.8 15.4 23.2#
277 73.1 19.9 29.9#

