

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030643.D
 Acq On : 26 Jun 2021 18:20
 Operator : CG/JU
 Sample : M2682-03DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH2DL

Manual Integrations
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Quant Time: Jun 27 02:42:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	4301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	18142	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	11200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	21958	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	14816	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	14385	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1514	0.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	698	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	1651	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	16500	0.306	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	2790	0.077	ng/ul	99
8) 1-Methylnaphthalene	12.461	142	2307	0.065	ng/ul	98
10) Acenaphthylene	14.140	152	28886	0.551	ng/ul	99
11) Acenaphthene	14.481	153	20286	0.475	ng/ul	98
12) Fluorene	15.467	166	15150	0.320	ng/ul	98
15) Phenanthrene	17.197	178	355434	4.546	ng/ul	99
16) Anthracene	17.287	178	150210	2.193	ng/ul	99
19) Fluoranthene	19.207	202	1216743	17.864	ng/ul	98
20) Pyrene	19.569	202	812626	11.646	ng/ul	97
21) Benzo(a)anthracene	21.306	228	524163	8.906	ng/ul	97
22) Chrysene	21.357	228	370797	5.675	ng/ul	97
24) Benzo(b)fluoranthene	22.900	252	407004m	6.504	ng/ul	
25) Benzo(k)fluoranthene	22.936	252	170835m	2.603	ng/ul	
26) Benzo(a)pyrene	23.476	252	188398	3.393	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.853	276	121385	1.719	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.858	278	44298	0.787	ng/ul	95
29) Benzo(g,h,i)perylene	26.551	276	5122	0.084	ng/ul#	71

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

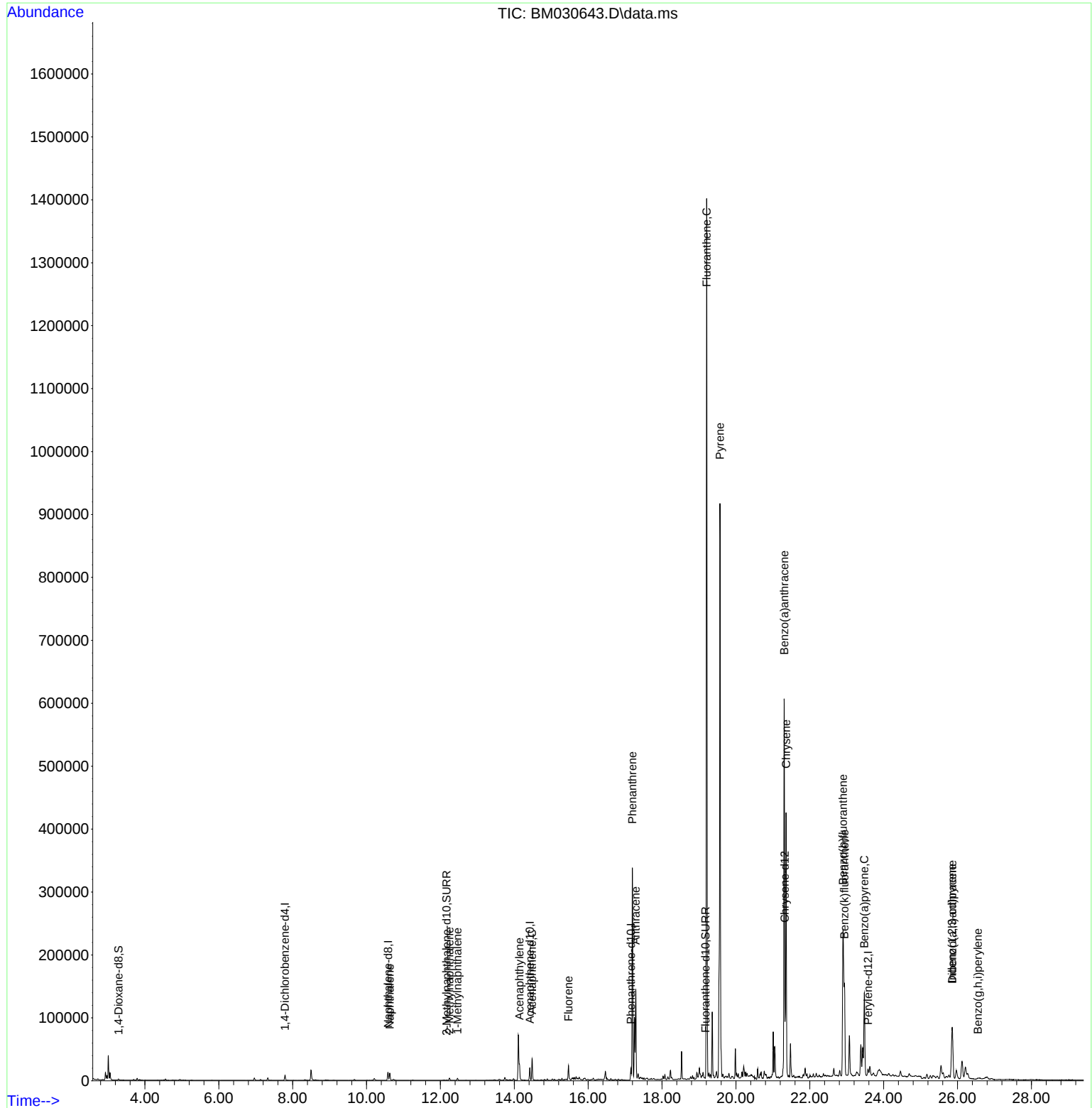
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030643.D
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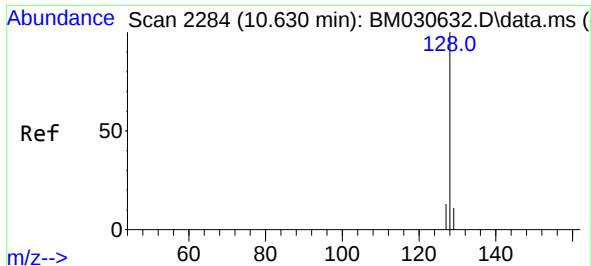
Instrument :
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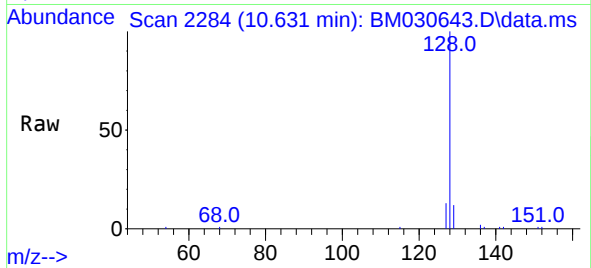
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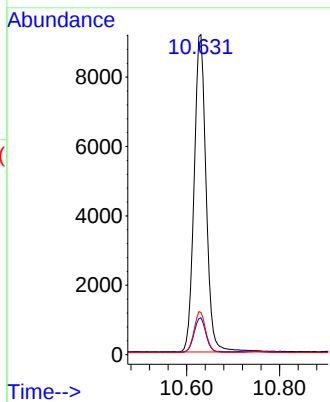
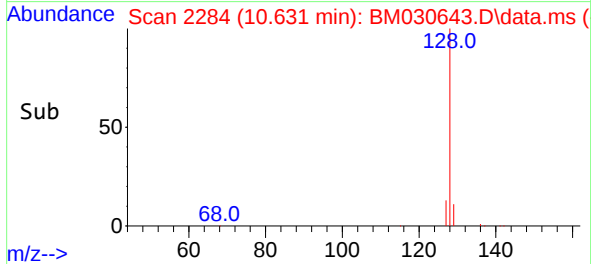




#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



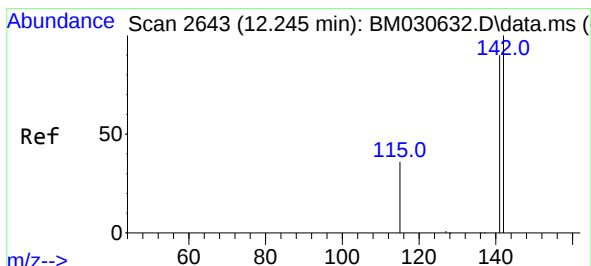
Tgt Ion:128 Resp: 16500
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.9 16.3



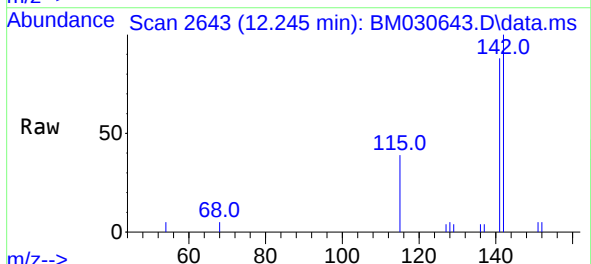
Instrument :
BNA_M
ClientSampleId :
BGDH2DL

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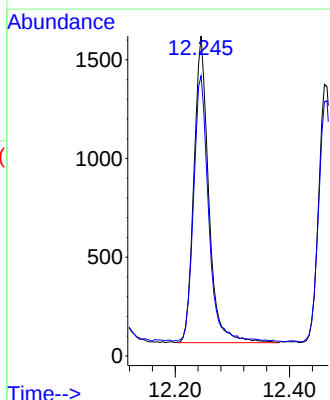
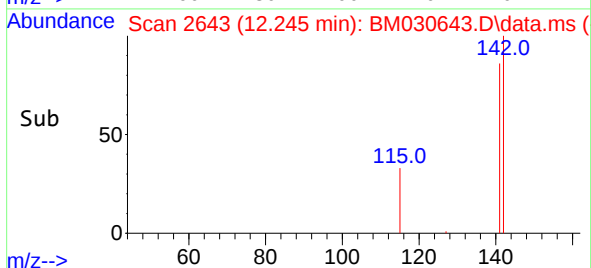
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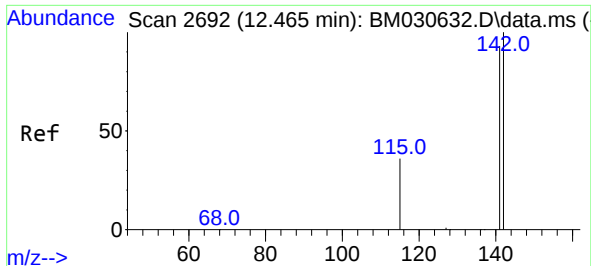


#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

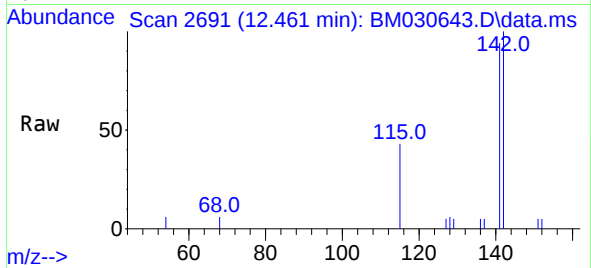


Tgt Ion:142 Resp: 2790
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0

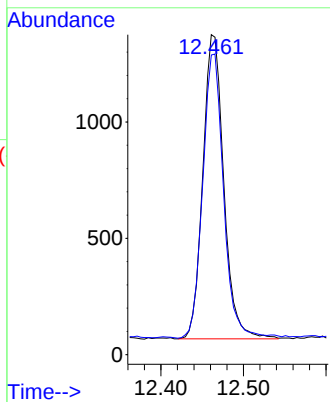
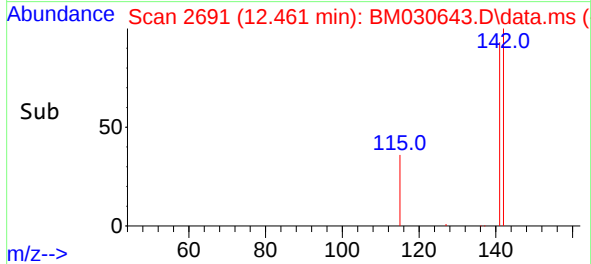




#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. -0.004 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



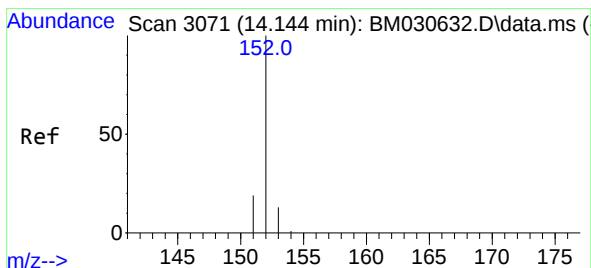
Tgt Ion:142 Resp: 2307
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0



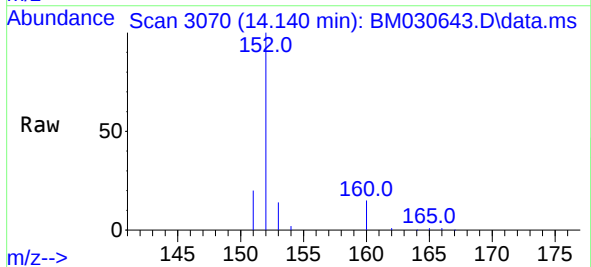
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BNA_M
ClientSampled :
BGDH2DL

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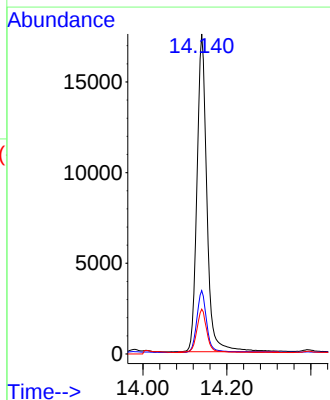
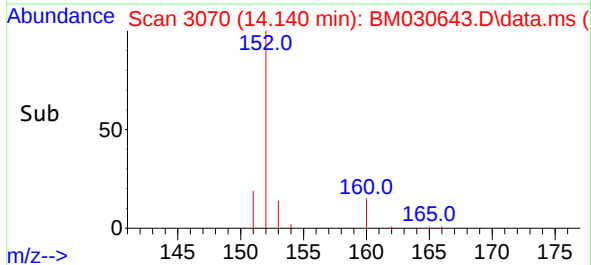
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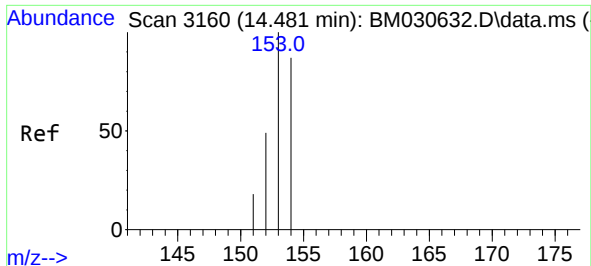


#10
Acenaphthylene
Concen: 0.551 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



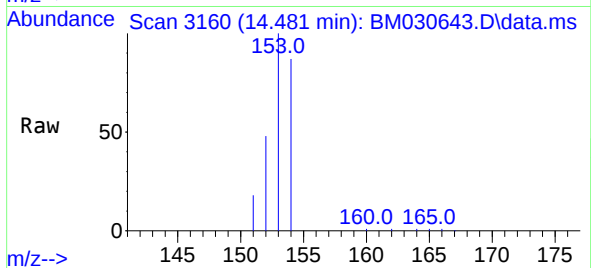
Tgt Ion:152 Resp: 28886
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 14.0 10.7 16.1



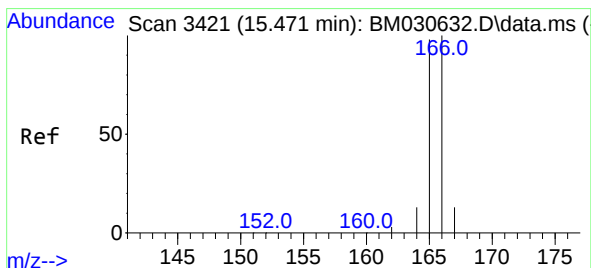
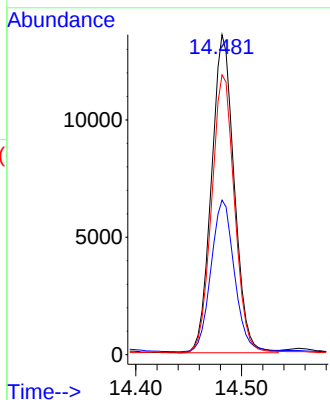
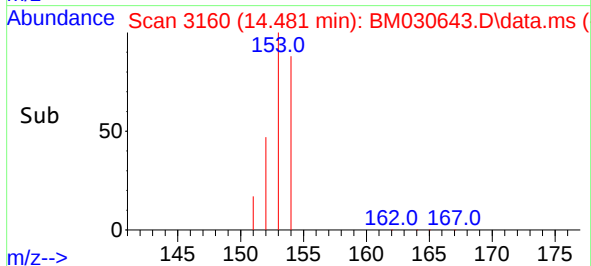


#11
Acenaphthene
Concen: 0.475 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

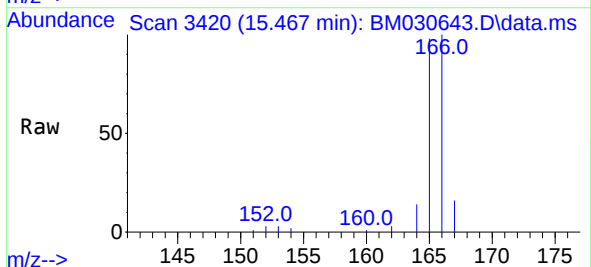
Instrument :
BNA_M
ClientSampleId :
BGDH2DL



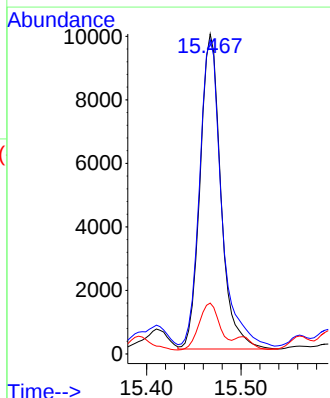
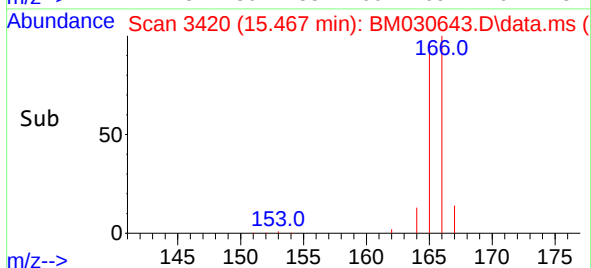
Tgt Ion:153 Resp: 20286
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.2
154 87.4 71.2 106.8

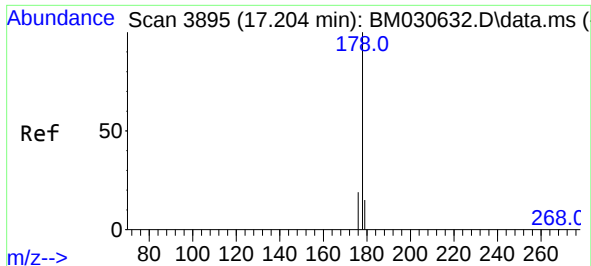


#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



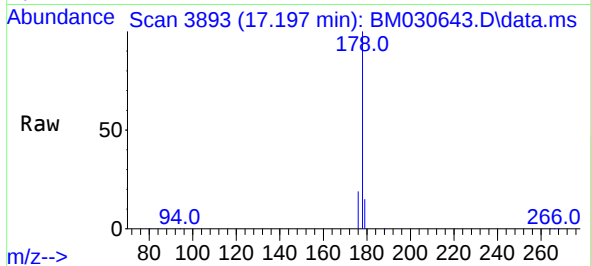
Tgt Ion:166 Resp: 15150
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 15.9 11.3 16.9





#15
Phenanthrene
Concen: 4.546 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

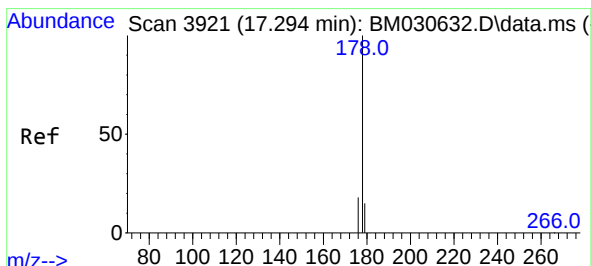
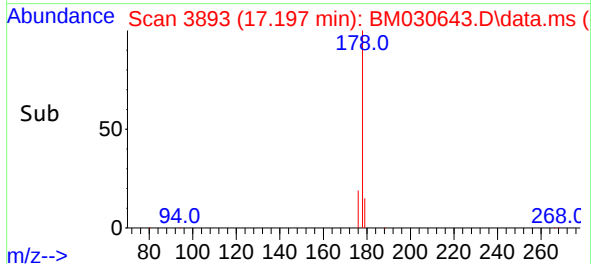
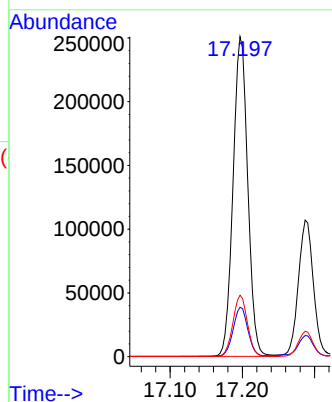
Instrument :
BNA_M
ClientSampled :
BGDH2DL



Tgt Ion:178 Resp: 355434
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3

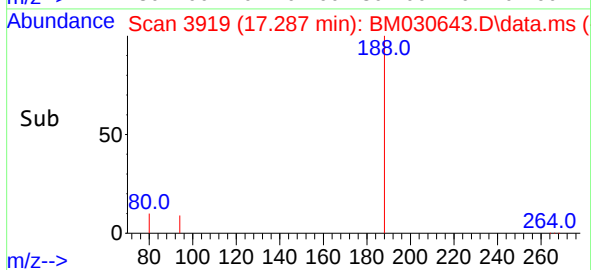
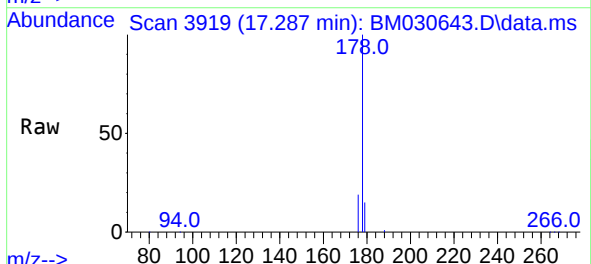
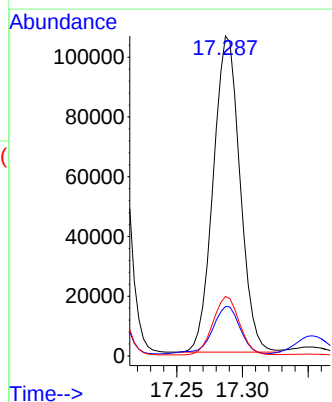
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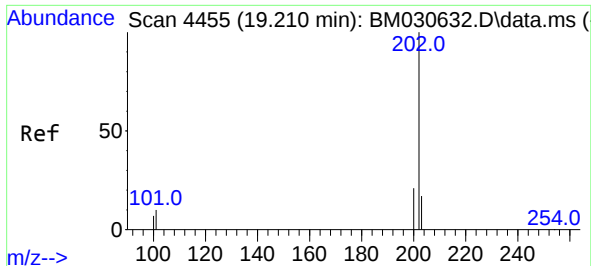
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#16
Anthracene
Concen: 2.193 ng/u1
RT: 17.287 min Scan# 3919
Delta R.T. -0.010 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

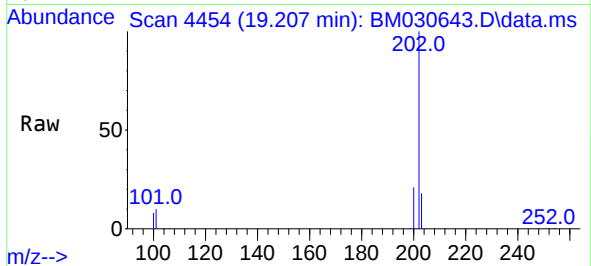
Tgt Ion:178 Resp: 150210
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.6 15.2 22.8





#19
Fluoranthene
Concen: 17.864 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.008 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

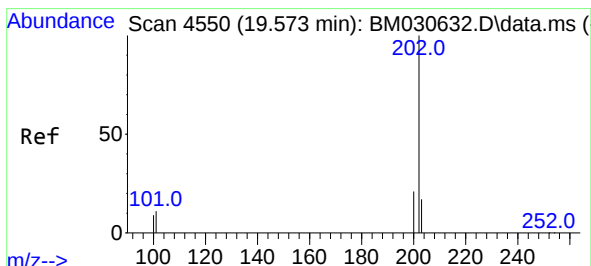
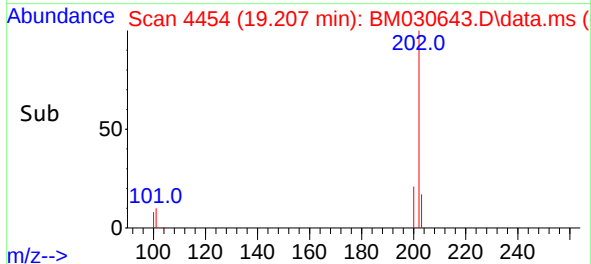
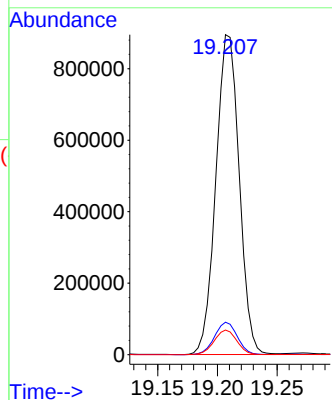
Instrument :
BNA_M
ClientSampleId :
BGDH2DL



Tgt Ion:202 Resp: 1216743
Ion Ratio Lower Upper
202 100
101 10.2 8.8 13.2
100 7.7 6.9 10.3

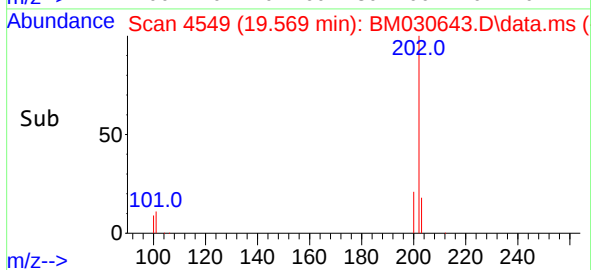
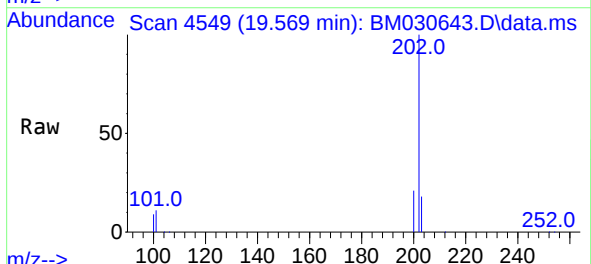
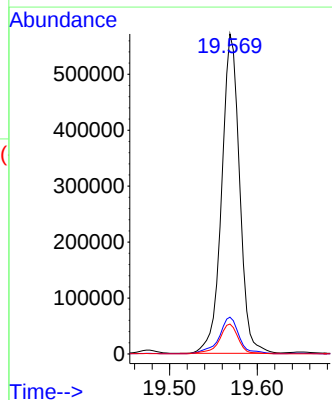
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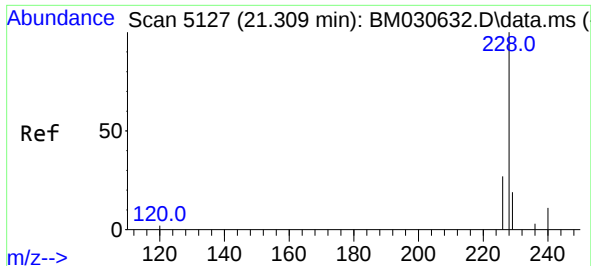
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#20
Pyrene
Concen: 11.646 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.008 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:202 Resp: 812626
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 9.4 8.2 12.2





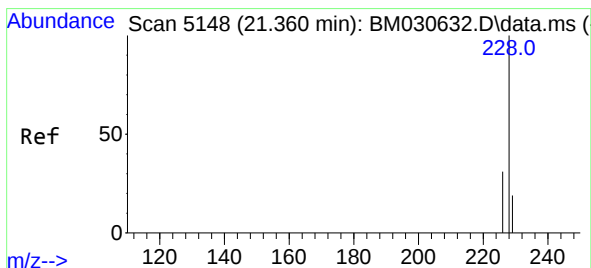
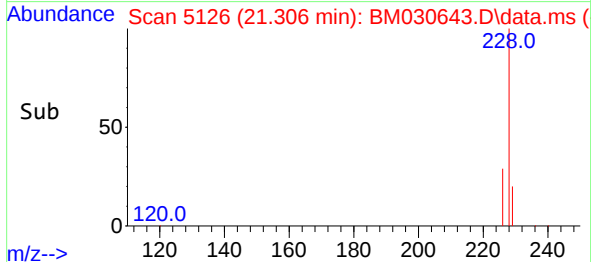
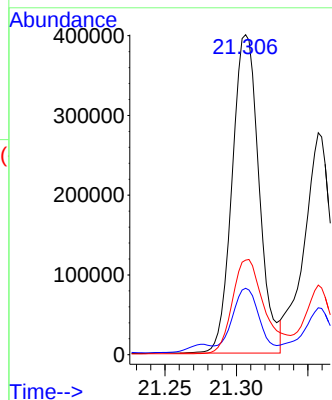
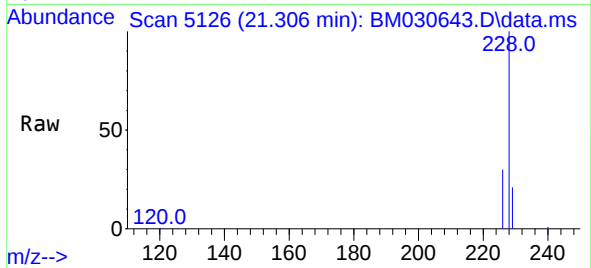
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Benzo(a)anthracene
Concen: 8.906 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:228	Resp:	524163
Ion Ratio	Lower	Upper
228	100	
229	20.8	15.8 23.6
226	29.6	22.2 33.4

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BNA_M
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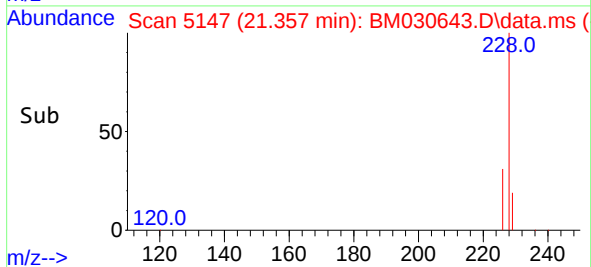
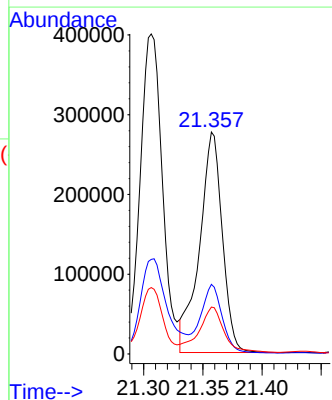
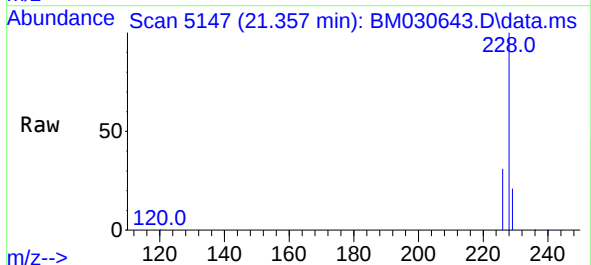
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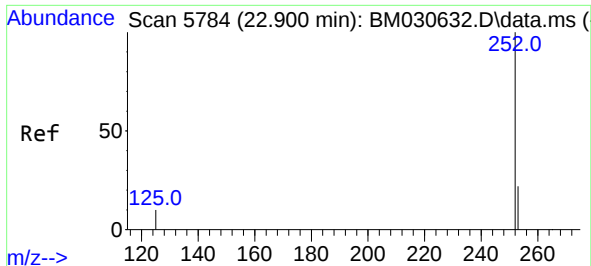
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#22
Chrysene
Concen: 5.675 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:228	Resp:	370797
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.4 36.6
229	21.1	15.4 23.0





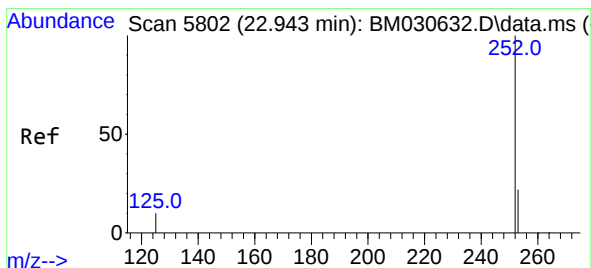
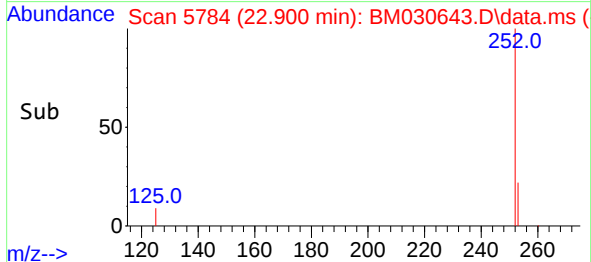
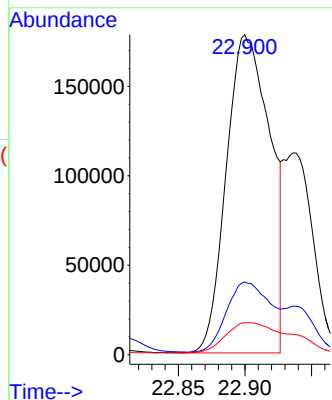
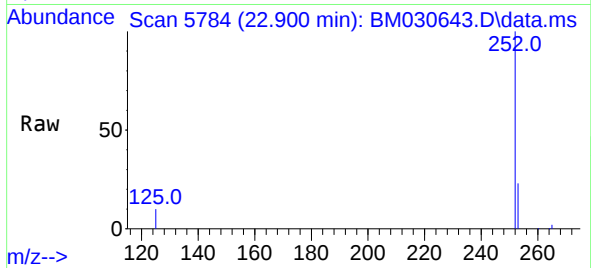
#24
Benzo(b)fluoranthene
Concen: 6.504 ng/ul m
RT: 22.900 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:252 Resp: 407004
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 10.0 0.0 27.8

Instrument :
BNA_M
ClientSampleId :
BGDH2DL

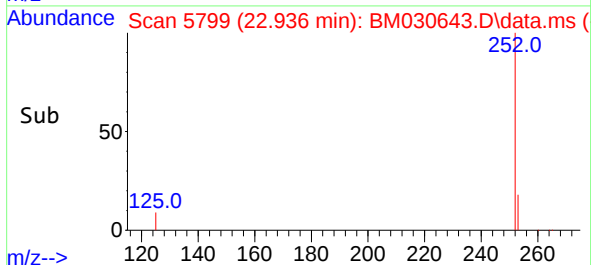
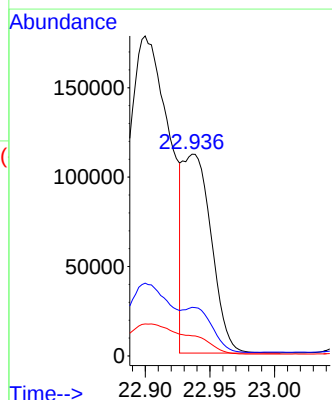
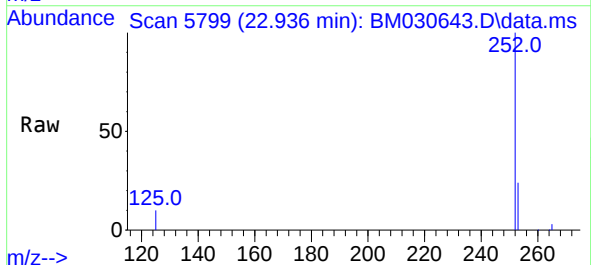
Manual Integrations
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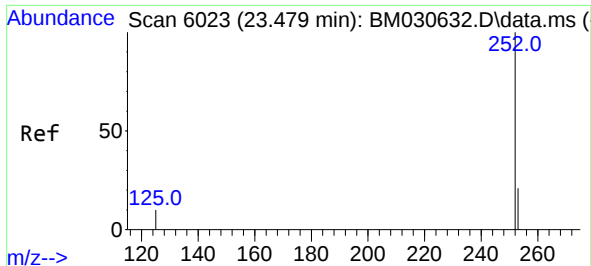
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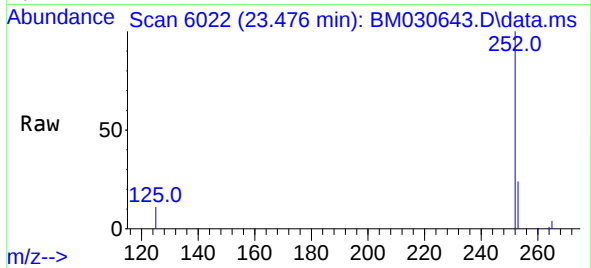
#25
Benzo(k)fluoranthene
Concen: 2.603 ng/ul m
RT: 22.936 min Scan# 5799
Delta R.T. -0.017 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:252 Resp: 170835
Ion Ratio Lower Upper
252 100
253 24.1 20.6 31.0
125 10.0 11.0 16.4#

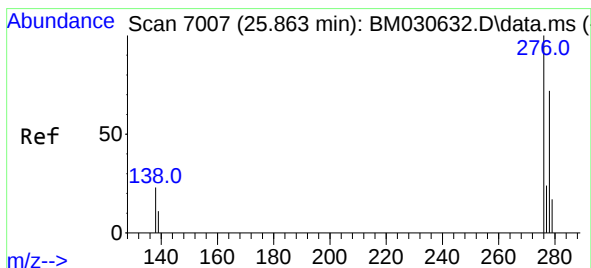
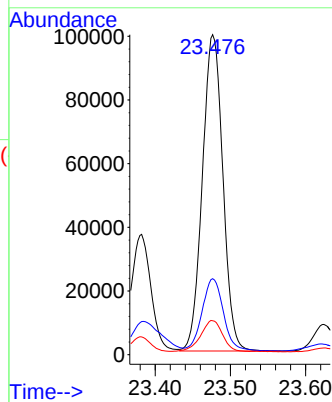
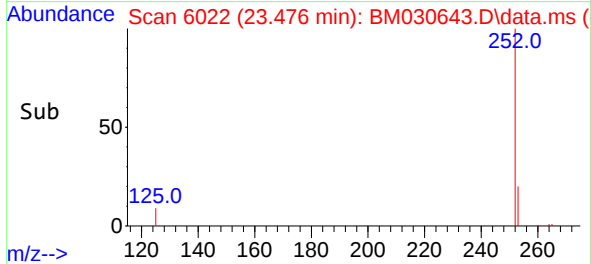




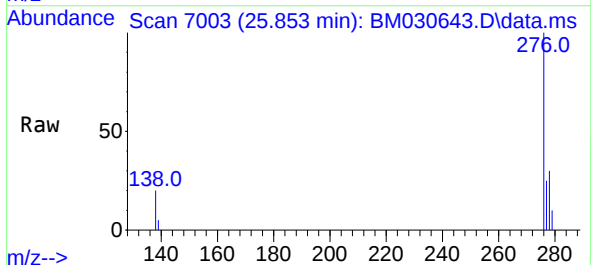
#26
Benzo(a)pyrene
Concen: 3.393 ng/ul
RT: 23.476 min Scan# 6022
Delta R.T. -0.012 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



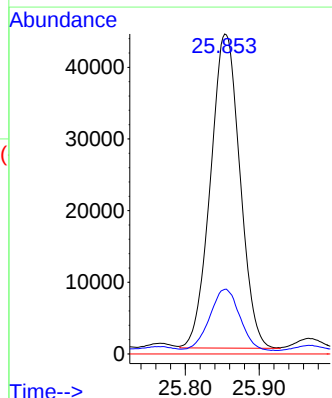
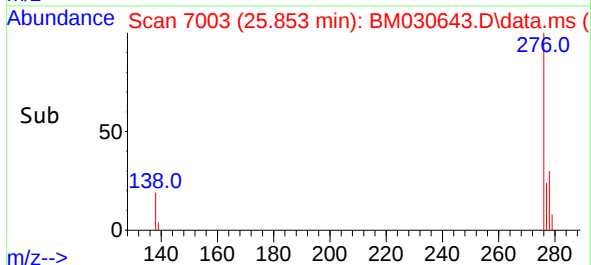
Tgt Ion:252 Resp: 188398
Ion Ratio Lower Upper
252 100
253 23.8 22.0 33.0
125 10.6 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.719 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20



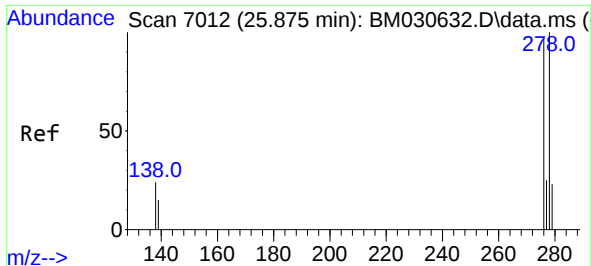
Tgt Ion:276 Resp: 121385
Ion Ratio Lower Upper
276 100
138 20.0 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
BGDH2DL

Manual Integrations
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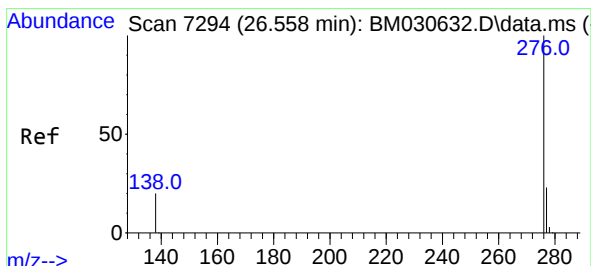
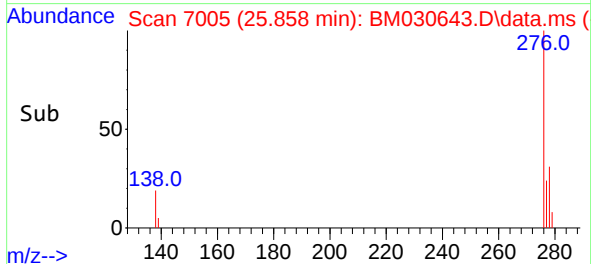
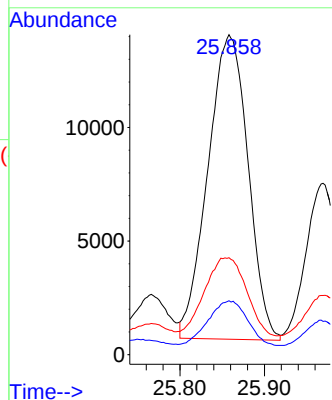
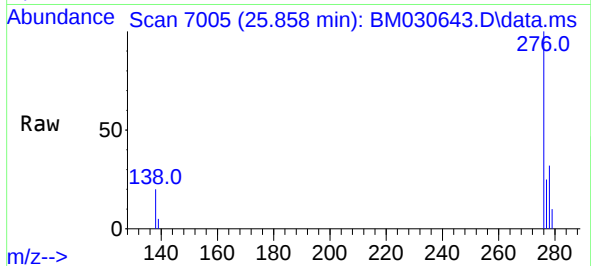
#28
Dibenzo(a,h)anthracene
Concen: 0.787 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.029 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:278 Resp: 44298
Ion Ratio Lower Upper
278 100
139 16.8 14.2 21.4
279 30.3 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDH2DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.551 min Scan# 7291
Delta R.T. -0.017 min
Lab File: BM030643.D
Acq: 26 Jun 2021 18:20

Tgt Ion:276 Resp: 5122
Ion Ratio Lower Upper
276 100
138 34.7 18.0 27.0#
277 40.2 19.5 29.3#

