

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030640.D
 Acq On : 26 Jun 2021 16:30
 Operator : CG/JU
 Sample : M2682-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF3

Manual Integrations
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Quant Time: Jun 27 02:42:03 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	4347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	16675	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.417	164	10370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	14893	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.338	240	16491	0.400	ng/ul	# 0.00
23) Perylene-d12	23.593	264	23716	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	7719	1.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.164	152	3851	0.144	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	2929	0.058	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.626	128	330240	6.657	ng/ul	99
7) 2-Methylnaphthalene	12.241	142	54016	1.614	ng/ul	99
8) 1-Methylnaphthalene	12.461	142	35704	1.098	ng/ul	98
10) Acenaphthylene	14.140	152	835416	17.214	ng/ul	99
11) Acenaphthene	14.481	153	338636	8.565	ng/ul	98
12) Fluorene	15.467	166	1194752	27.288	ng/ul	99
15) Phenanthrene	17.214	178	10283494m	193.925	ng/ul	
16) Anthracene	17.301	178	7063503	152.044	ng/ul	95
19) Fluoranthene	19.233	202	16318844	215.249	ng/ul#	87
20) Pyrene	19.588	202	11326492	145.830	ng/ul#	88
21) Benzo(a)anthracene	21.323	228	8076971	123.297	ng/ul#	80
22) Chrysene	21.376	228	6502505	89.414	ng/ul#	87
24) Benzo(b)fluoranthene	22.929	252	7808680m	75.693	ng/ul	
25) Benzo(k)fluoranthene	22.963	252	3144108m	29.058	ng/ul	
26) Benzo(a)pyrene	23.498	252	3153252	34.443	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.889	276	2393713	20.562	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.889	278	1005674	10.831	ng/ul	96
29) Benzo(g,h,i)perylene	26.577	276	100930	1.004	ng/ul#	84

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

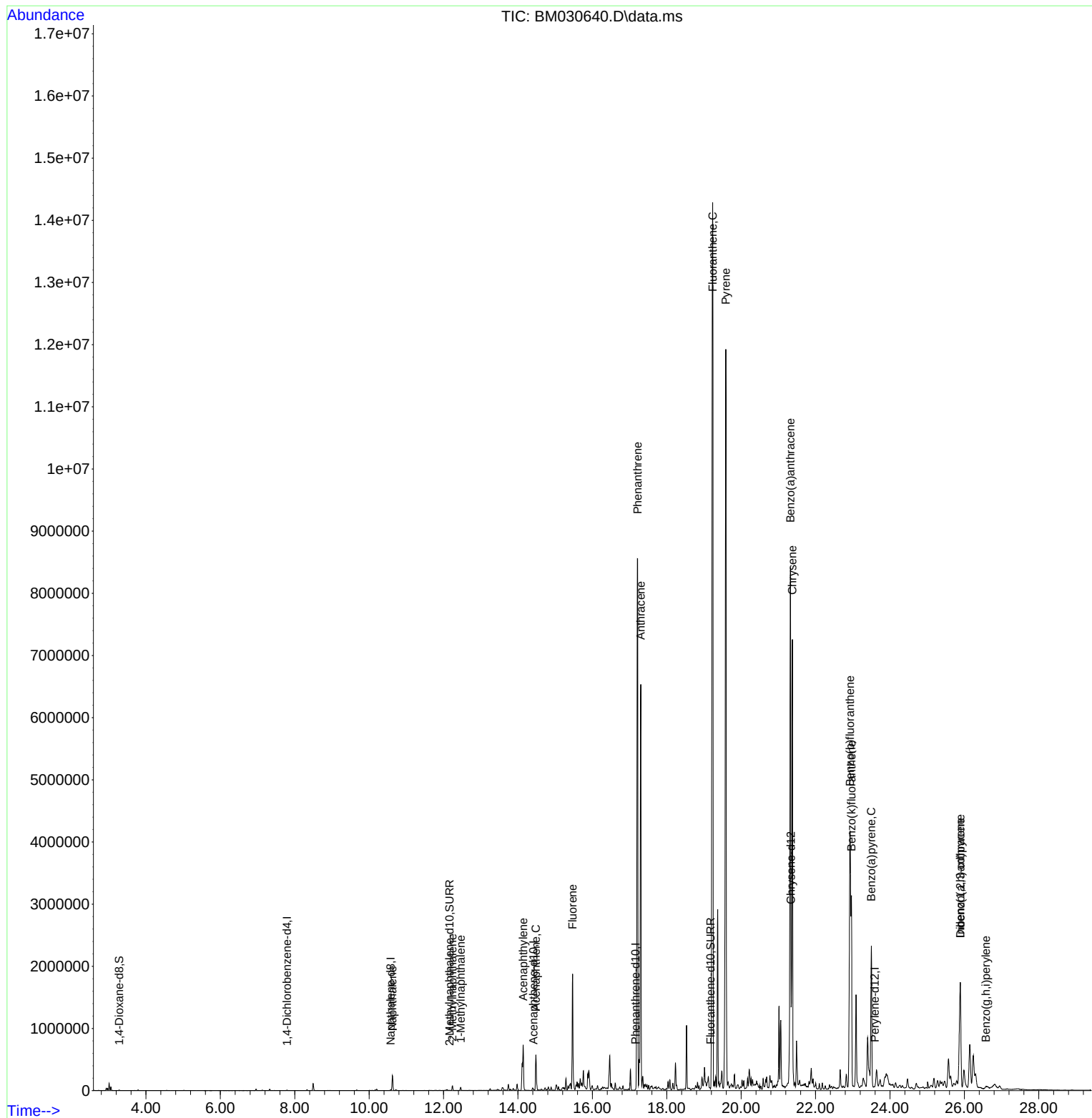
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030640.D
Acq On : 26 Jun 2021 16:30
Operator : CG/JU
Sample : M2682-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

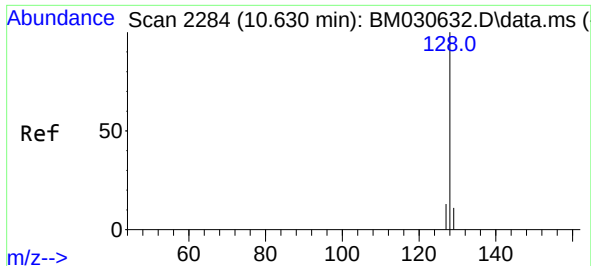
Instrument :
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ClientSampleId :
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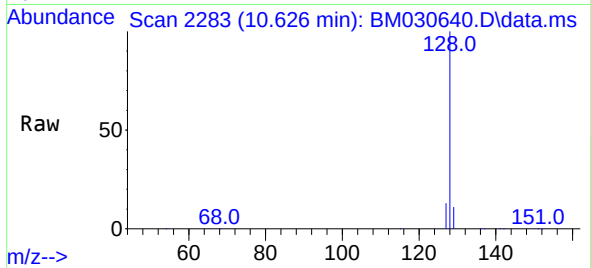
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Quant Time: Jun 27 02:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

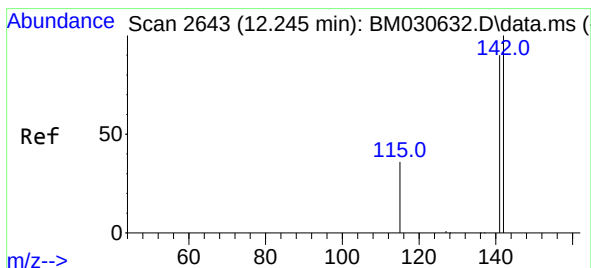
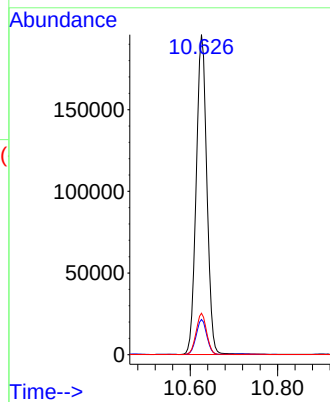
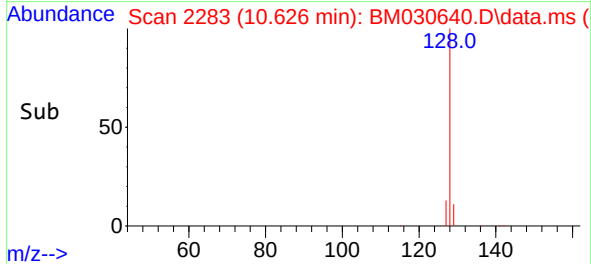




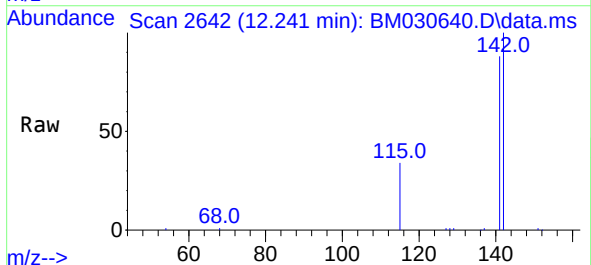
#5
Naphthalene
Concen: 6.657 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



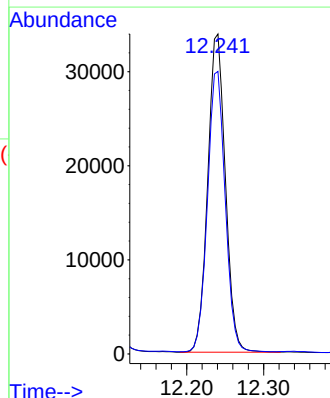
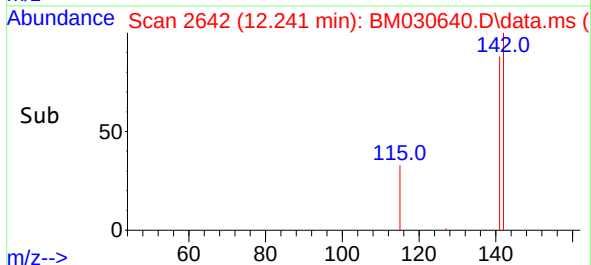
Tgt Ion:128 Resp: 330240
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.9 16.3



#7
2-Methylnaphthalene
Concen: 1.614 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.009 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



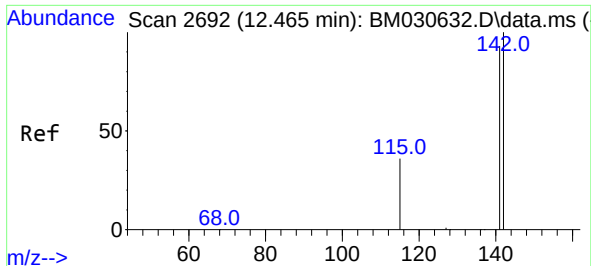
Tgt Ion:142 Resp: 54016
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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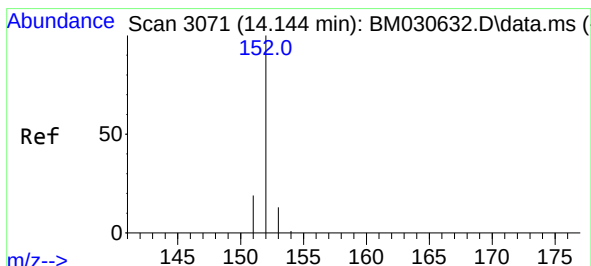
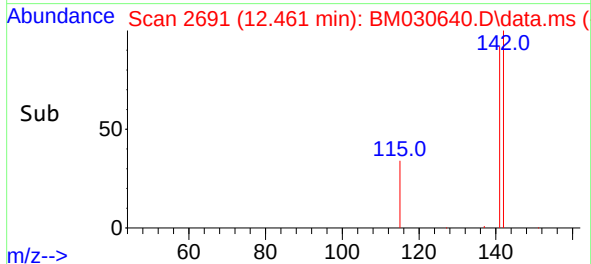
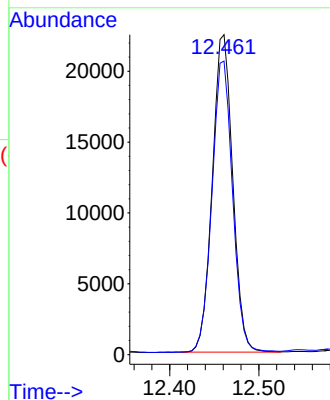
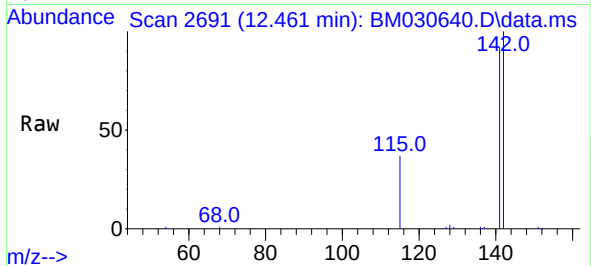
#8
1-Methylnaphthalene
Concen: 1.098 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. -0.005 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:142 Resp: 35704
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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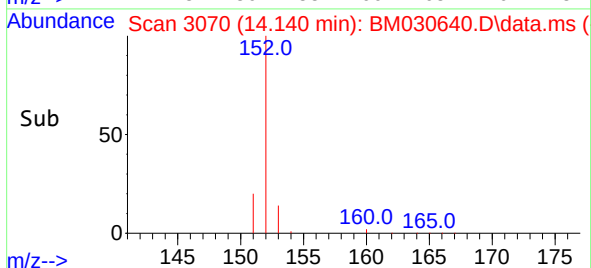
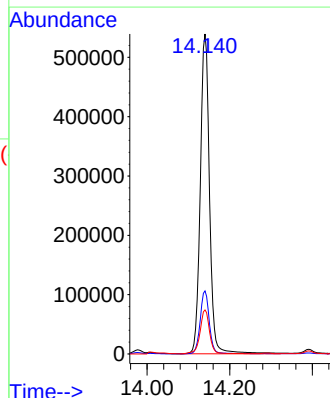
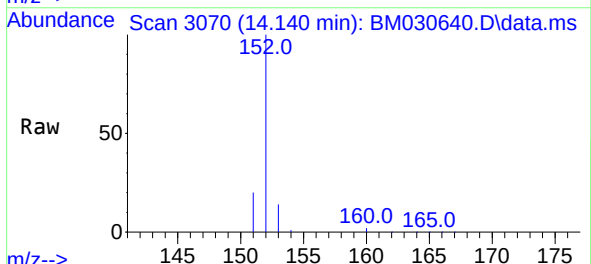
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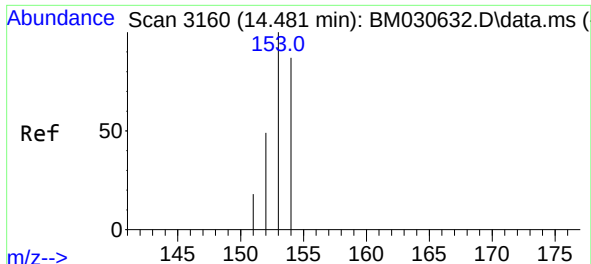
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#10
Acenaphthylene
Concen: 17.214 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

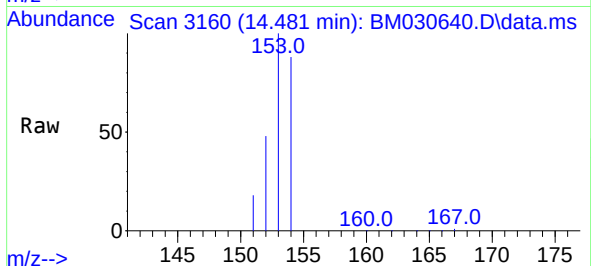
Tgt Ion:152 Resp: 835416
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.8 10.7 16.1





#11
Acenaphthene
Concen: 8.565 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

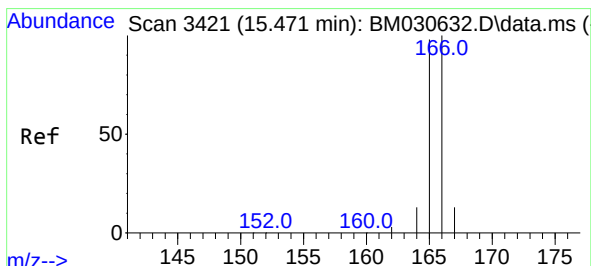
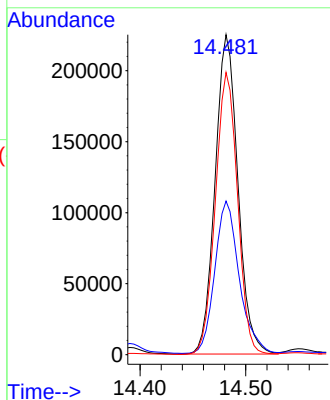
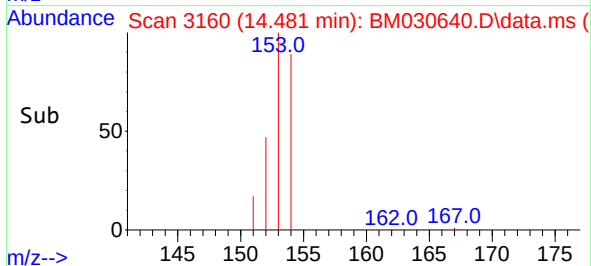
Instrument :
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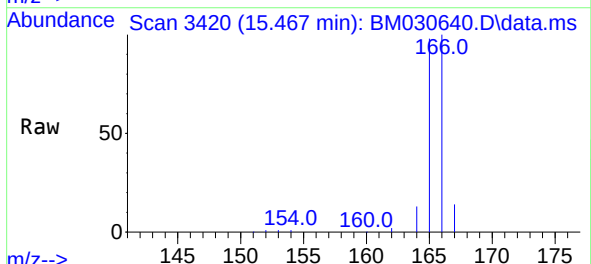
Tgt Ion:153 Resp: 338636
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.2
154 88.2 71.2 106.8

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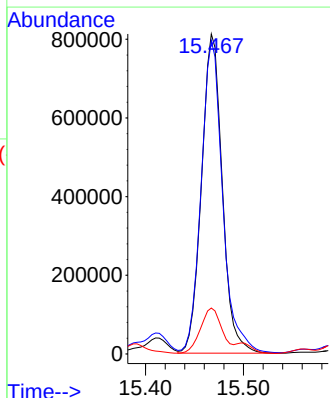
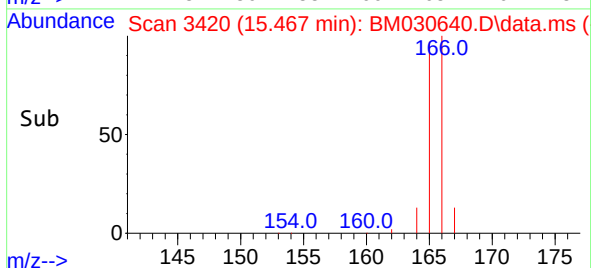
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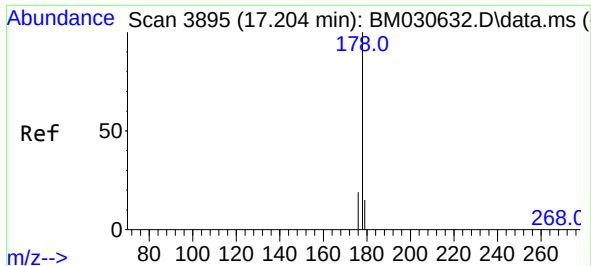


#12
Fluorene
Concen: 27.288 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



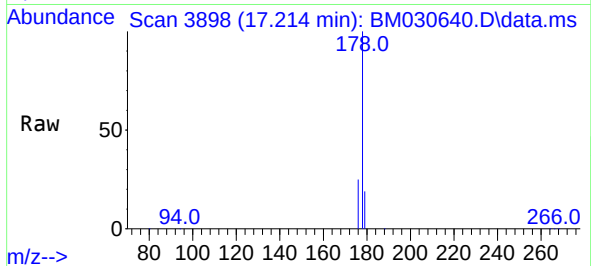
Tgt Ion:166 Resp: 1194752
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 14.3 11.3 16.9





#15
Phenanthrene
Concen: 193.925 ng/ul m
RT: 17.214 min Scan# 3898
Delta R.T. 0.010 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

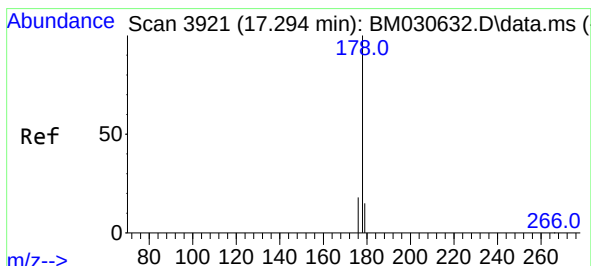
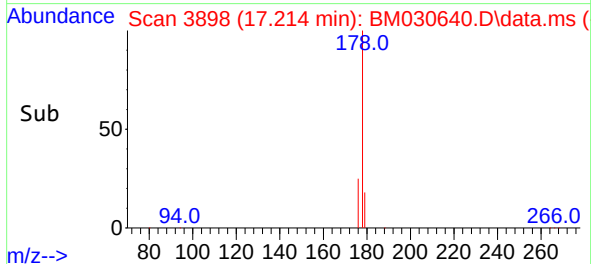
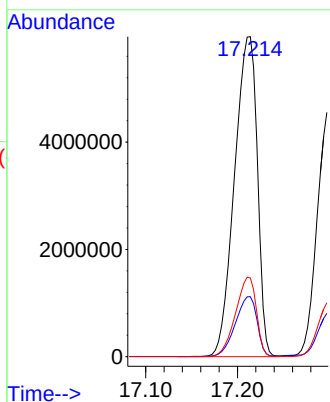
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:178 Resp:10283494
Ion Ratio Lower Upper
178 100
179 18.8 12.6 19.0
176 24.6 15.5 23.3#

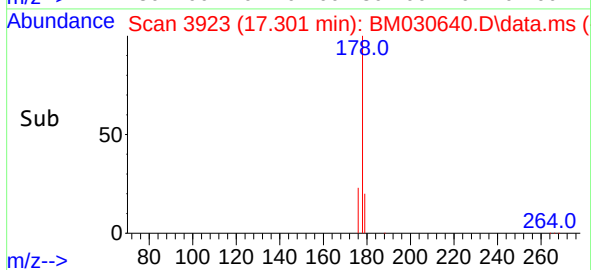
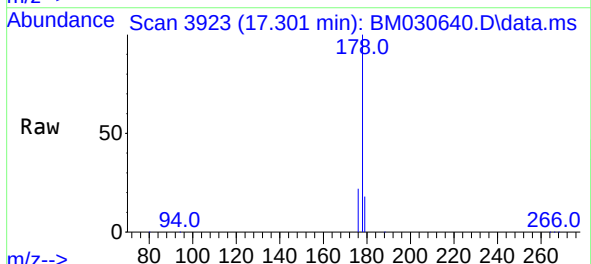
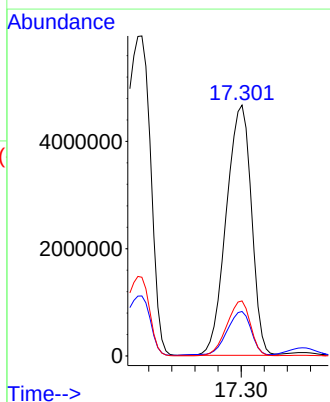
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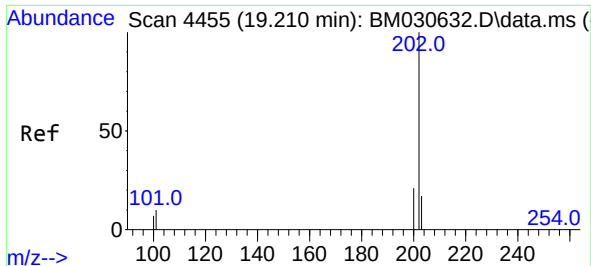
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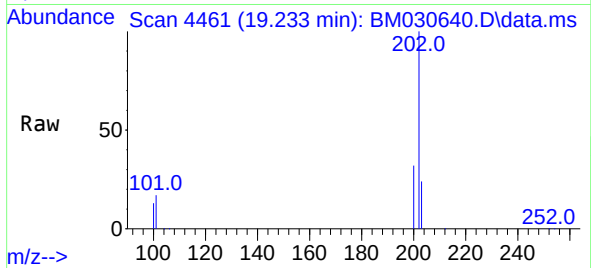
#16
Anthracene
Concen: 152.044 ng/ul
RT: 17.301 min Scan# 3923
Delta R.T. 0.003 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:178 Resp: 7063503
Ion Ratio Lower Upper
178 100
179 17.7 12.7 19.1
176 21.9 15.2 22.8

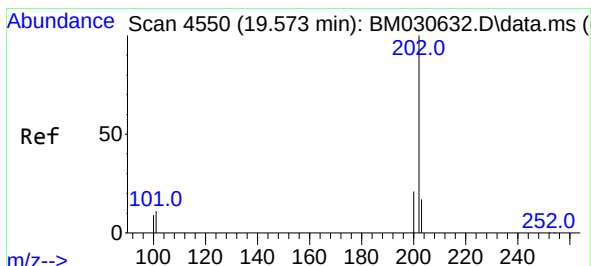
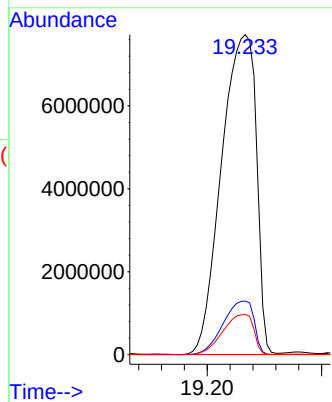
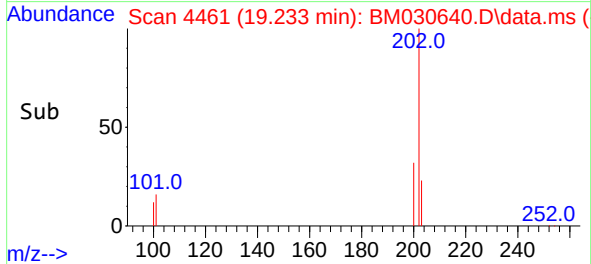




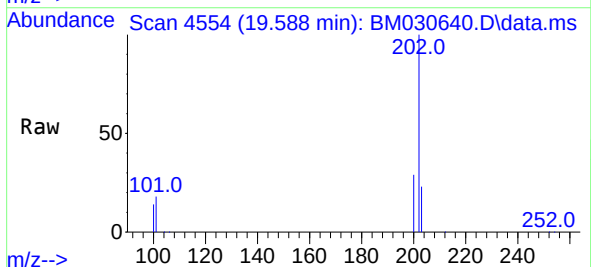
#19
Fluoranthene
Concen: 215.249 ng/u1
RT: 19.233 min Scan# 4461
Delta R.T. 0.019 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



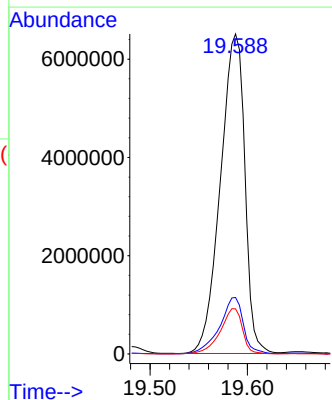
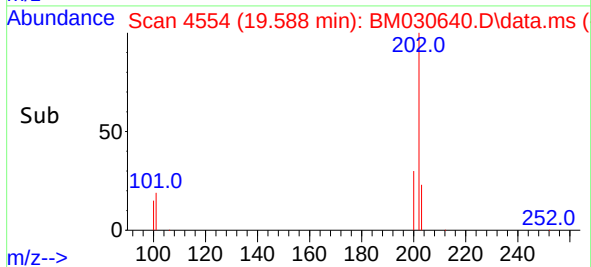
Tgt Ion:202 Resp:16318844
Ion Ratio Lower Upper
202 100
101 16.8 8.8 13.2#
100 12.5 6.9 10.3#



#20
Pyrene
Concen: 145.830 ng/u1
RT: 19.588 min Scan# 4554
Delta R.T. 0.011 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



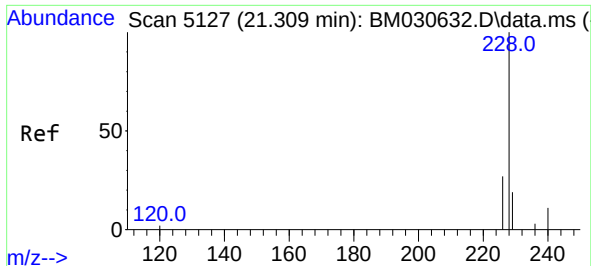
Tgt Ion:202 Resp:11326492
Ion Ratio Lower Upper
202 100
101 17.7 10.1 15.1#
100 14.1 8.2 12.2#



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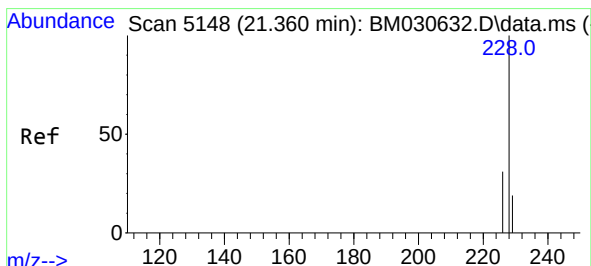
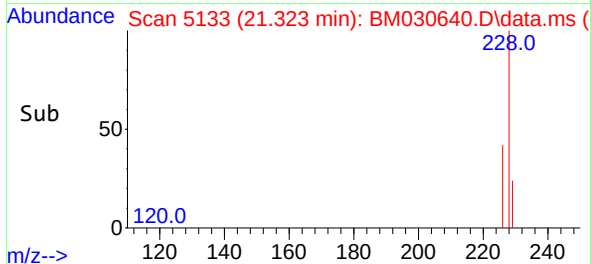
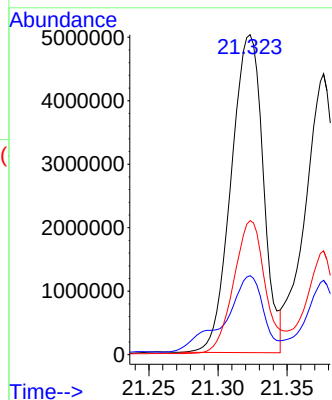
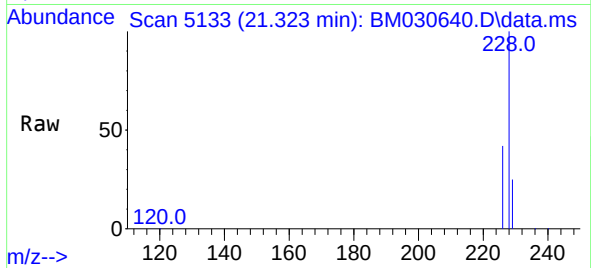
#21
Benzo(a)anthracene
Concen: 123.297 ng/u1
RT: 21.323 min Scan# 5133
Delta R.T. 0.010 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:228 Resp: 8076971
Ion Ratio Lower Upper
228 100
229 24.7 15.8 23.6#
226 41.9 22.2 33.4#

Instrument :
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ClientSampled :
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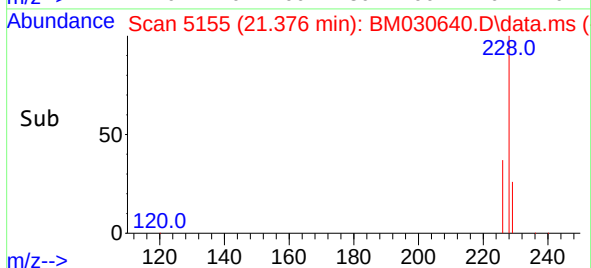
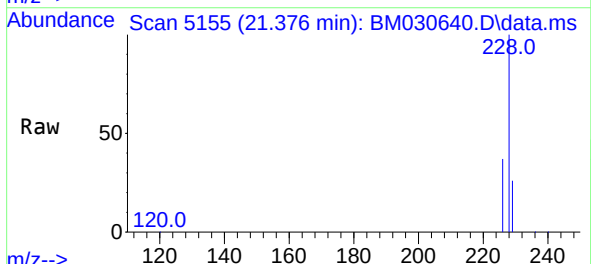
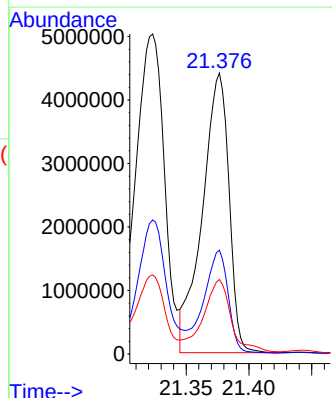
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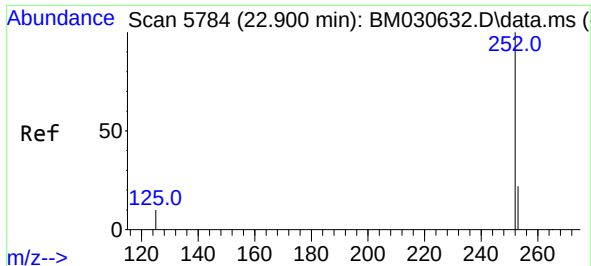
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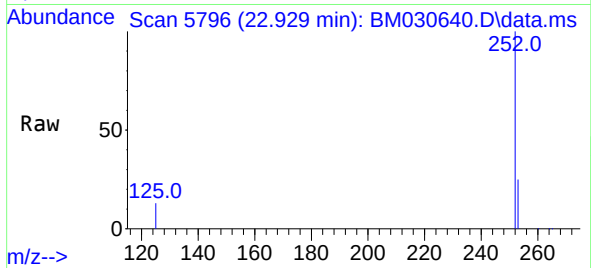
#22
Chrysene
Concen: 89.414 ng/u1
RT: 21.376 min Scan# 5155
Delta R.T. 0.012 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:228 Resp: 6502505
Ion Ratio Lower Upper
228 100
226 36.9 24.4 36.6#
229 26.5 15.4 23.0#

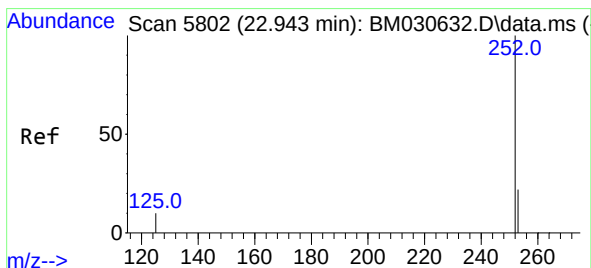
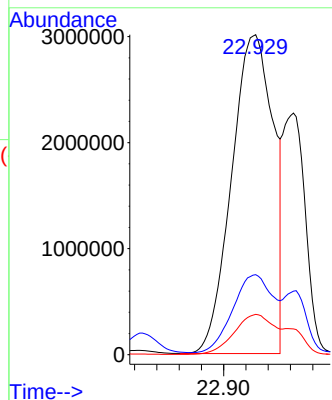
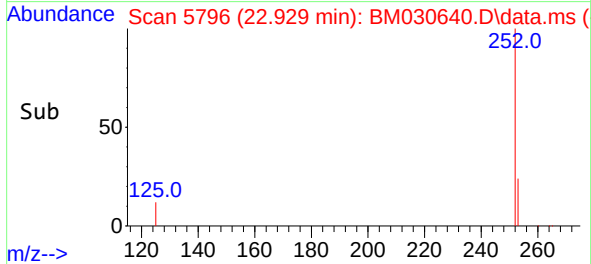




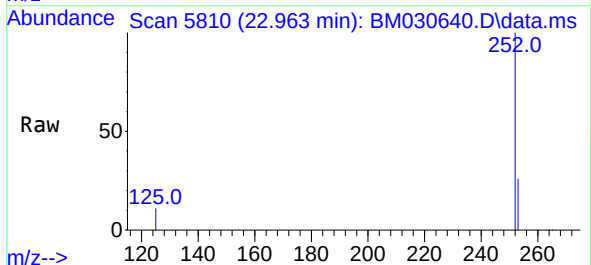
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Benzo(b)fluoranthene
Concen: 75.693 ng/ul m
RT: 22.929 min Scan# 5796
Delta R.T. 0.022 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



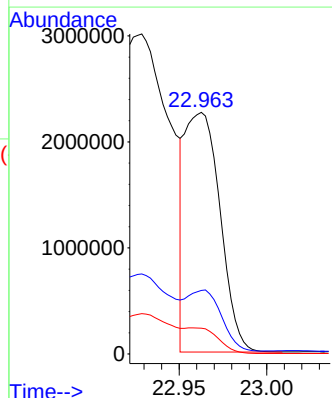
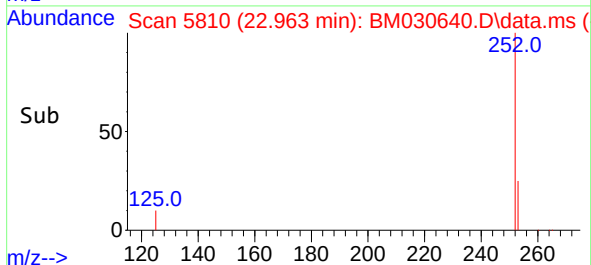
Tgt Ion:252 Resp: 7808680
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.2
125 12.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 29.058 ng/ul m
RT: 22.963 min Scan# 5810
Delta R.T. 0.010 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



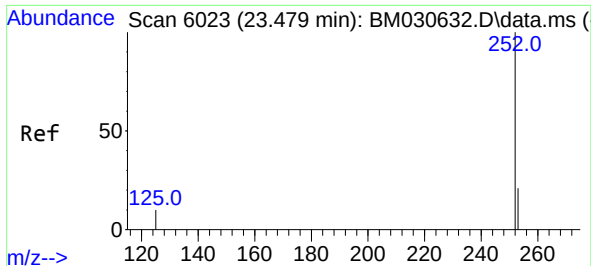
Tgt Ion:252 Resp: 3144108
Ion Ratio Lower Upper
252 100
253 26.3 20.6 31.0
125 10.7 11.0 16.4#



Instrument :
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ClientSampled :
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6/28/2021 1:23:02 PM



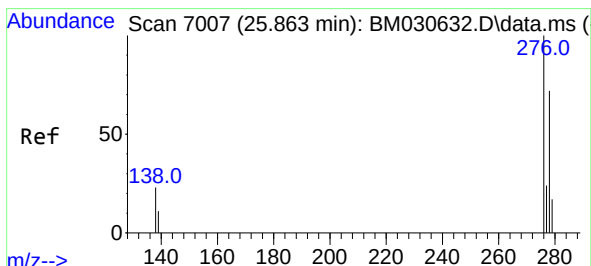
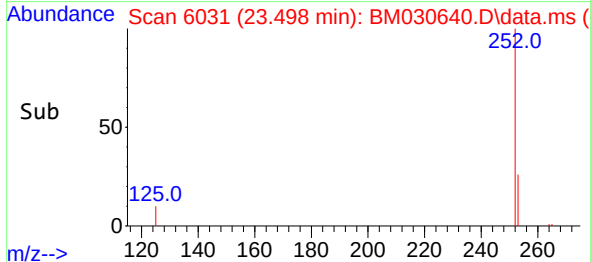
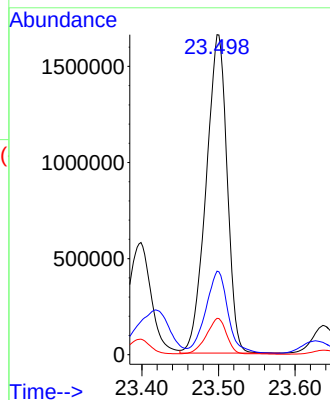
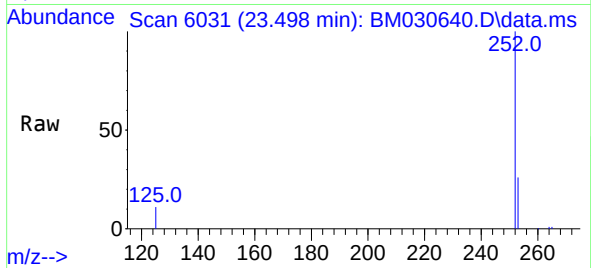
#26
Benzo(a)pyrene
Concen: 34.443 ng/ul
RT: 23.498 min Scan# 6031
Delta R.T. 0.010 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:252 Resp: 3153252
Ion Ratio Lower Upper
252 100
253 26.1 22.0 33.0
125 11.4 13.4 20.2#

Instrument :
BNA_M
ClientSampled :
BGDF3

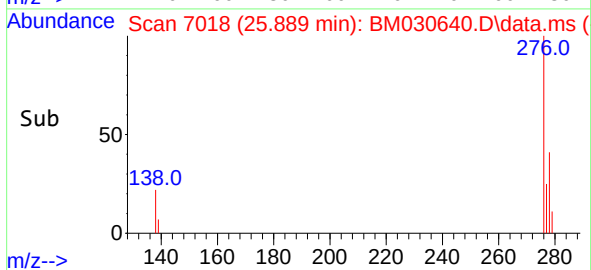
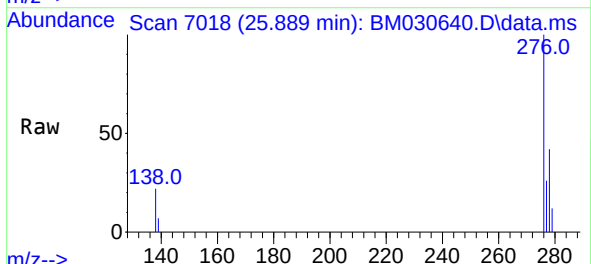
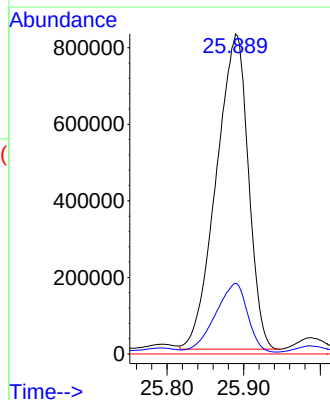
Manual Integrations
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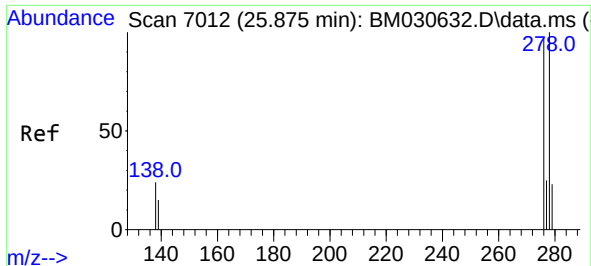
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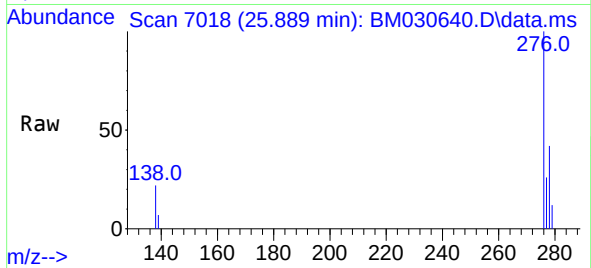
#27
Indeno(1,2,3-cd)pyrene
Concen: 20.562 ng/ul
RT: 25.889 min Scan# 7018
Delta R.T. 0.017 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30

Tgt Ion:276 Resp: 2393713
Ion Ratio Lower Upper
276 100
138 21.8 19.1 28.7
227 0.0 0.0 0.0

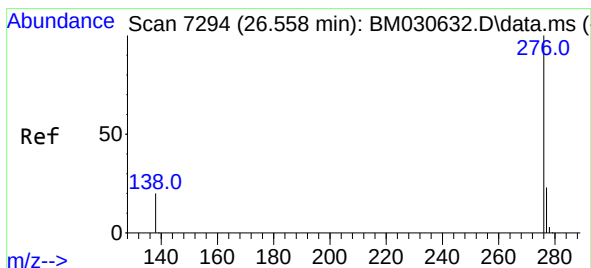
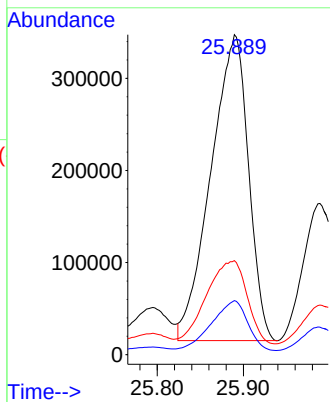
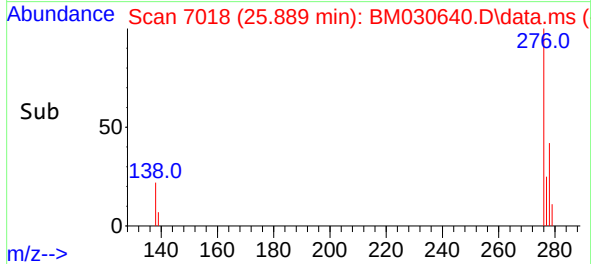




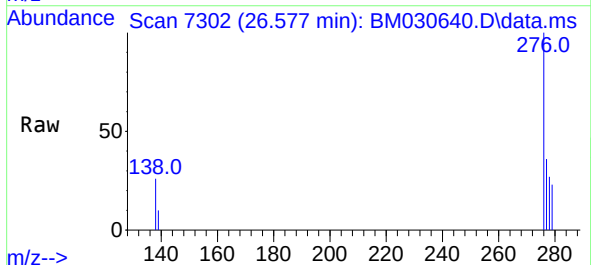
#28
Dibenzo(a,h)anthracene
Concen: 10.831 ng/ul
RT: 25.889 min Scan# 7018
Delta R.T. 0.002 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



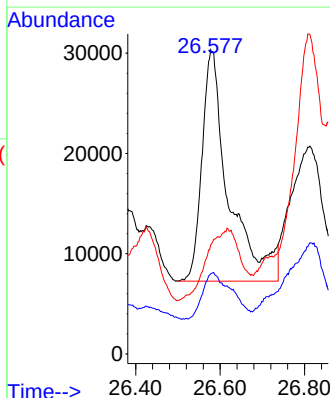
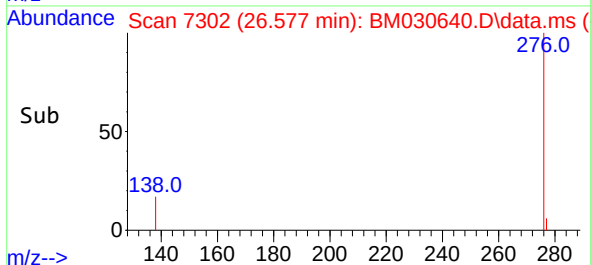
Tgt Ion:278 Resp: 1005674
Ion Ratio Lower Upper
278 100
139 16.9 14.2 21.4
279 29.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 1.004 ng/ul
RT: 26.577 min Scan# 7302
Delta R.T. 0.010 min
Lab File: BM030640.D
Acq: 26 Jun 2021 16:30



Tgt Ion:276 Resp: 100930
Ion Ratio Lower Upper
276 100
138 26.4 18.0 27.0
277 35.8 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDF3

Manual Integrations
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