

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030676.D
 Acq On : 29 Jun 2021 05:45
 Operator : CG/JU
 Sample : M2704-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC7DL

Manual Integrations
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Quant Time: Jun 29 07:43:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 06:05:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2996	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	10751	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	5997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	11757	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	11446	0.400	ng/ul	0.00
23) Perylene-d12	23.566	264	11414	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1526	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	460	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1070	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.621	128	17557	0.573	ng/ul	99
7) 2-Methylnaphthalene	12.241	142	3384	0.164	ng/ul	100
8) 1-Methylnaphthalene	12.457	142	3537	0.176	ng/ul	98
10) Acenaphthylene	14.136	152	11977	0.447	ng/ul	98
11) Acenaphthene	14.478	153	46435	2.141	ng/ul	97
12) Fluorene	15.463	166	32711	1.367	ng/ul	100
15) Phenanthrene	17.193	178	273987	6.932	ng/ul	97
16) Anthracene	17.284	178	80000	2.311	ng/ul	97
19) Fluoranthene	19.203	202	430306	8.518	ng/ul	98
20) Pyrene	19.565	202	338636	6.666	ng/ul	97
21) Benzo(a)anthracene	21.299	228	186802	4.094	ng/ul	98
22) Chrysene	21.352	228	159583	3.122	ng/ul	99
24) Benzo(b)fluoranthene	22.890	252	199809m	3.952	ng/ul	
25) Benzo(k)fluoranthene	22.931	252	71816m	1.378	ng/ul	
26) Benzo(a)pyrene	23.469	252	161821	3.763	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.841	276	92065	1.644	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.846	278	24381	0.542	ng/ul	99
29) Benzo(g,h,i)perylene	26.541	276	73982	1.520	ng/ul	96

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

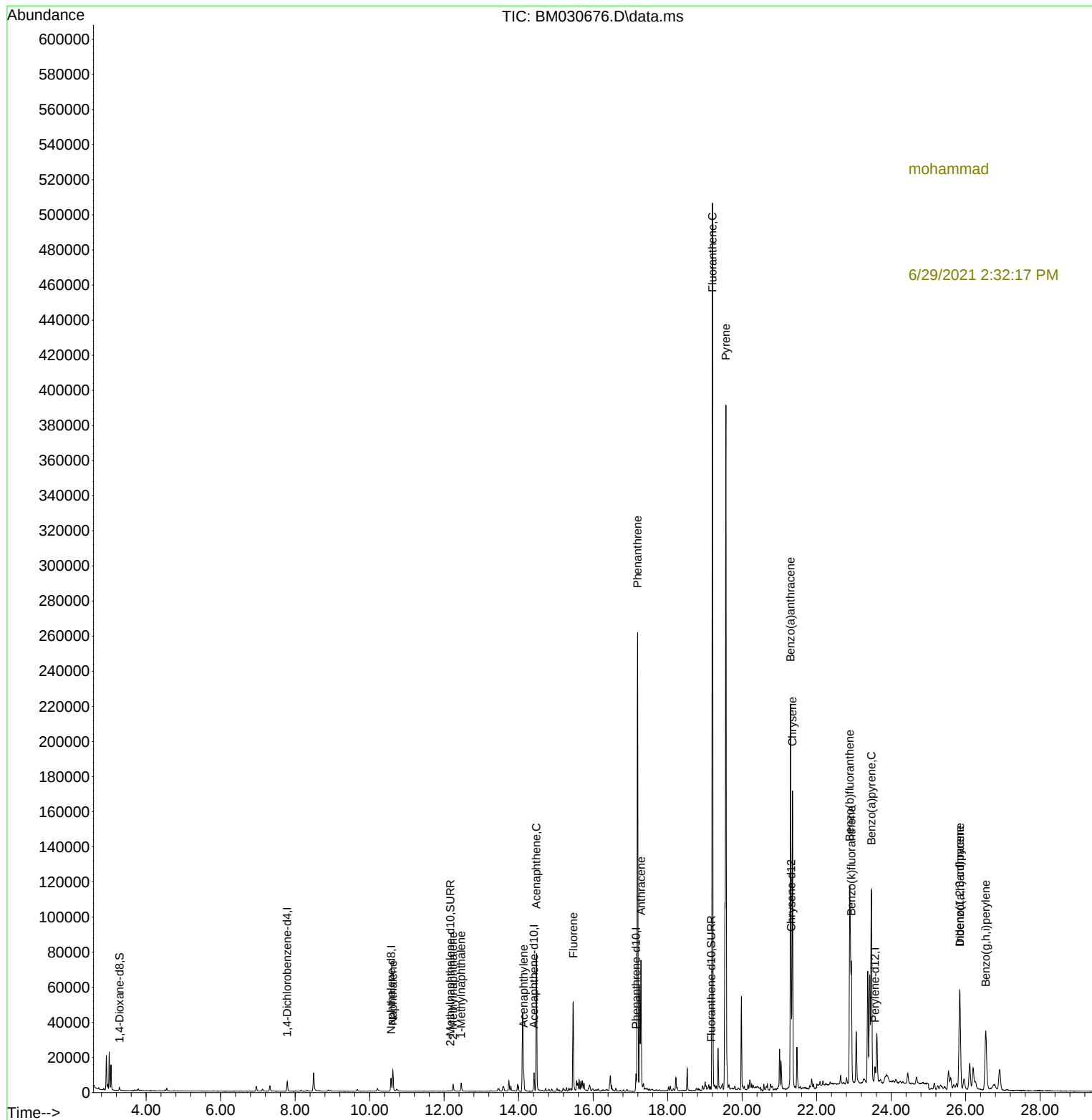
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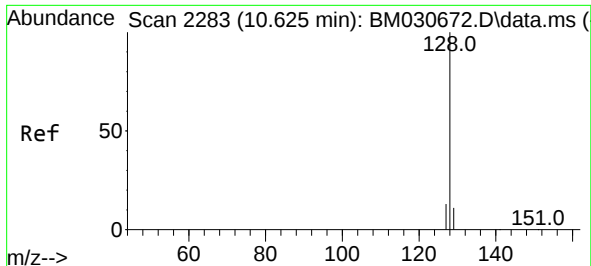
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Quant Time: Jun 29 07:43:46 2021
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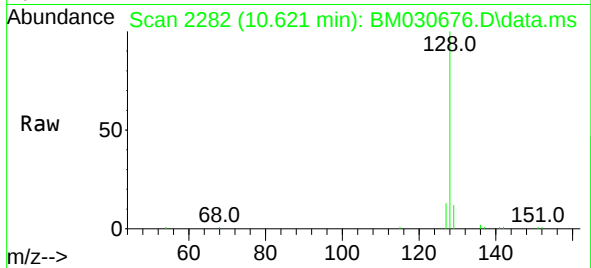


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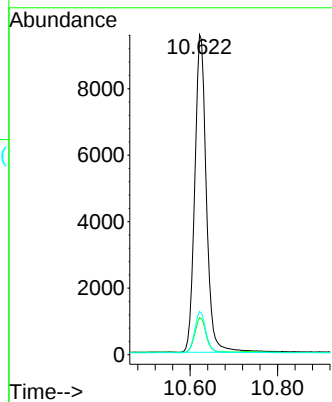
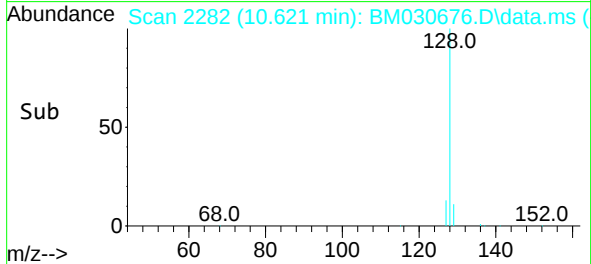
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#5
Naphthalene
Concen: 0.573 ng/ul
RT: 10.621 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



Tgt Ion:128 Resp: 17557
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.5 11.2 16.8



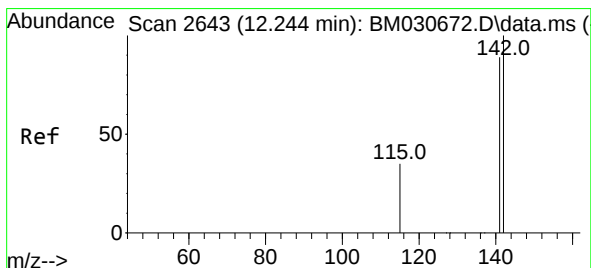
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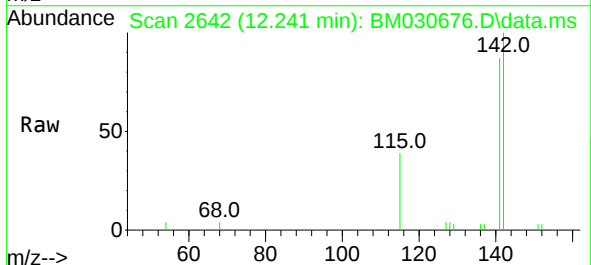
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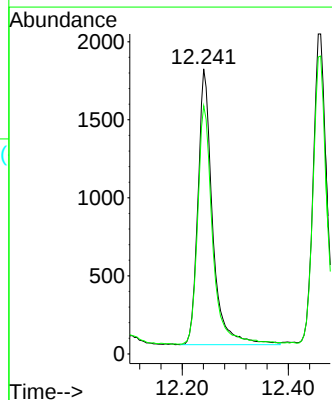
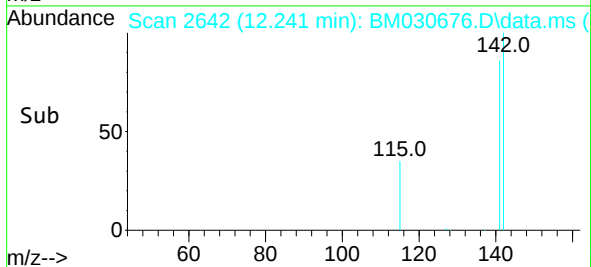
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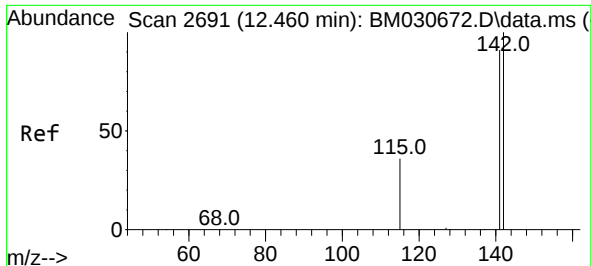


#7
2-Methylnaphthalene
Concen: 0.164 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



Tgt Ion:142 Resp: 3384
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





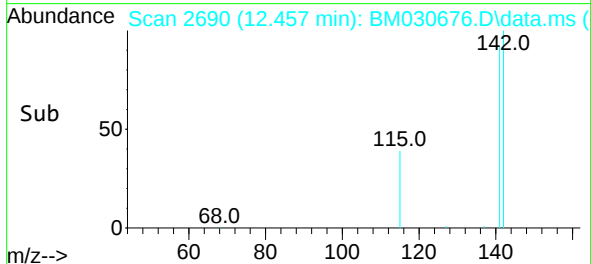
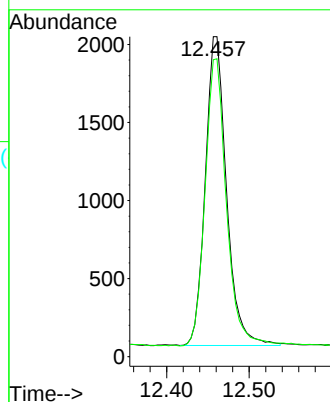
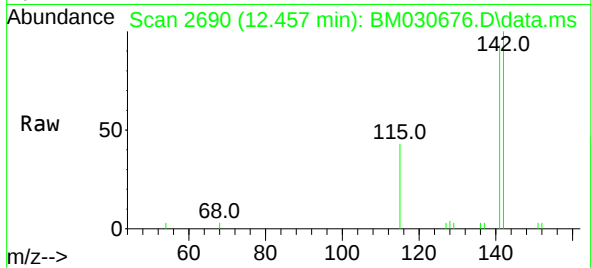
#8
1-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.457 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:142 Resp: 3537
Ion Ratio Lower Upper
142 100
141 93.6 73.2 109.8

Instrument :
BNA_M
ClientSampleId :
BGDC7DL

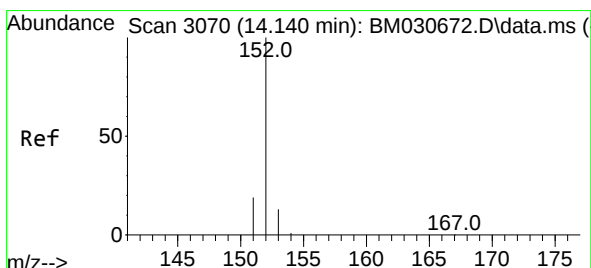
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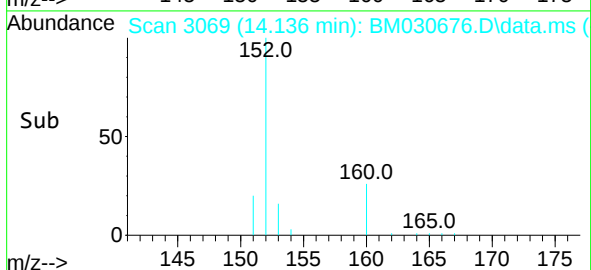
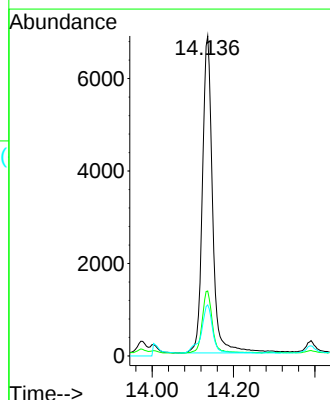
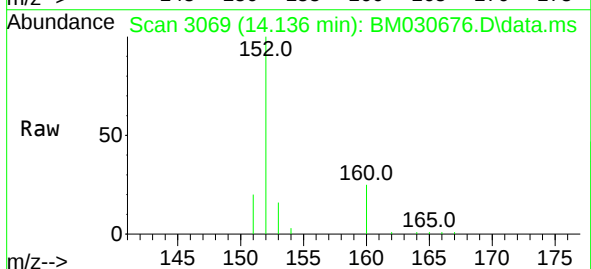
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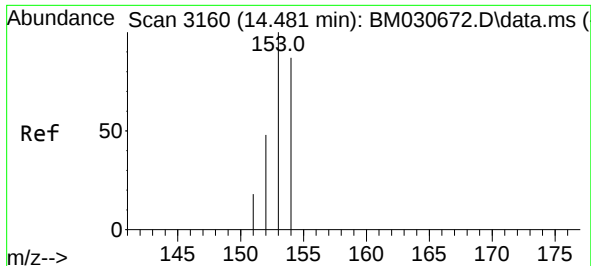
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#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

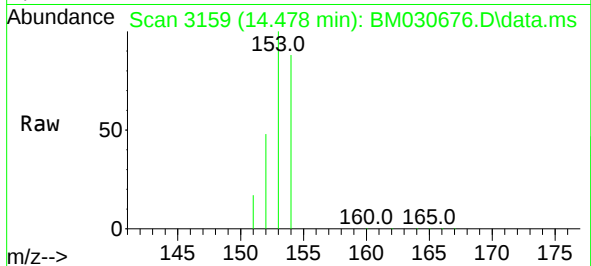
Tgt Ion:152 Resp: 11977
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 15.9 11.4 17.0





#11
Acenaphthene
Concen: 2.141 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

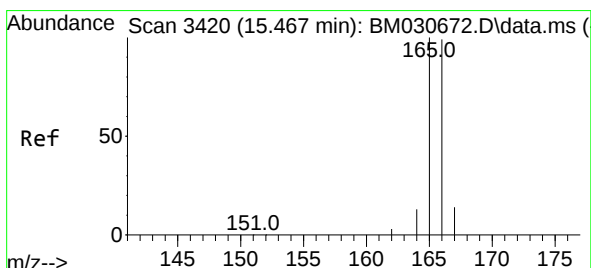
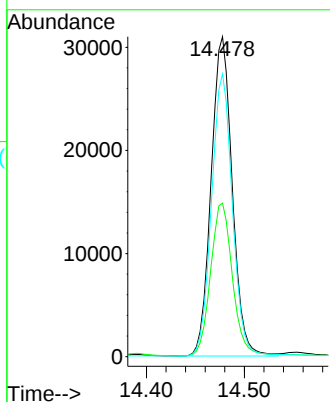
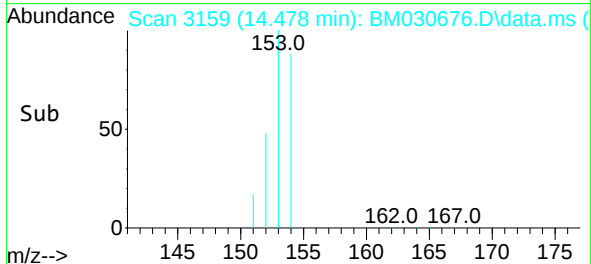
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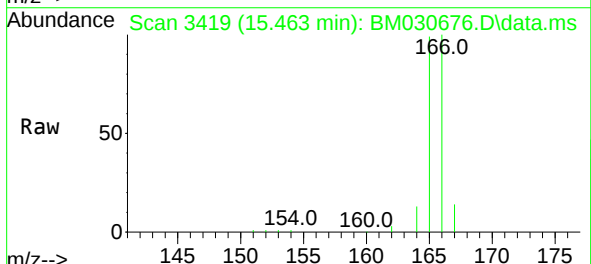
Tgt Ion:153 Resp: 46435
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 88.4 68.7 103.1

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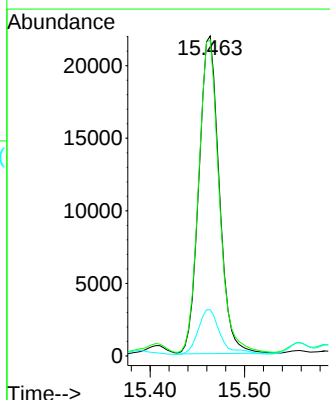
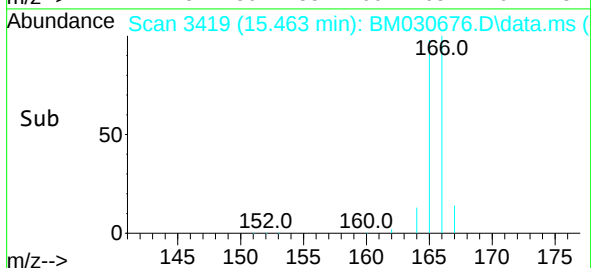
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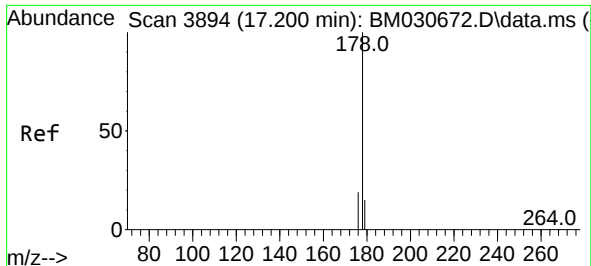


#12
Fluorene
Concen: 1.367 ng/ul
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



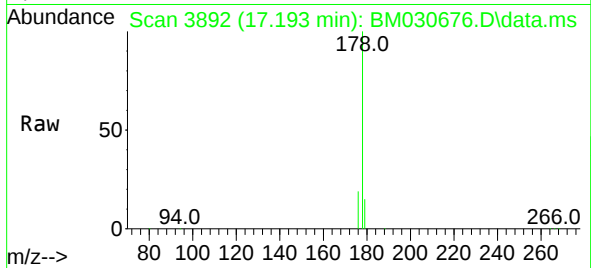
Tgt Ion:166 Resp: 32711
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 14.5 12.2 18.2





#15
Phenanthrene
Concen: 6.932 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

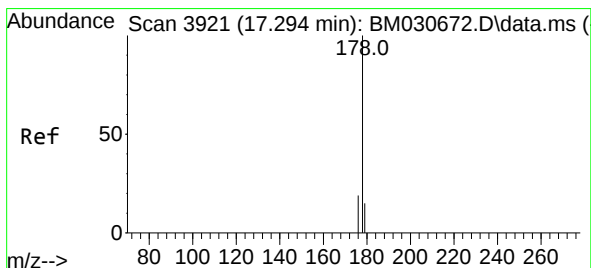
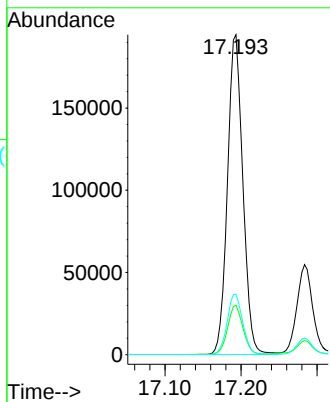
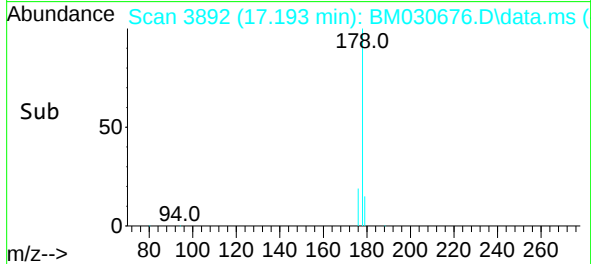
Instrument :
BNA_M
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Tgt Ion:178 Resp: 273987
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 18.9 16.0 24.0

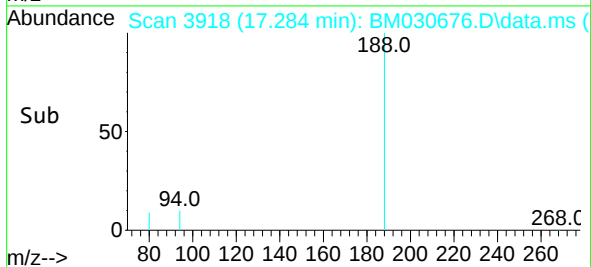
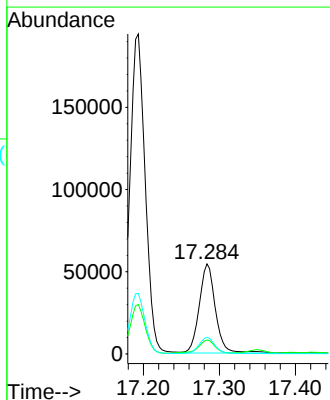
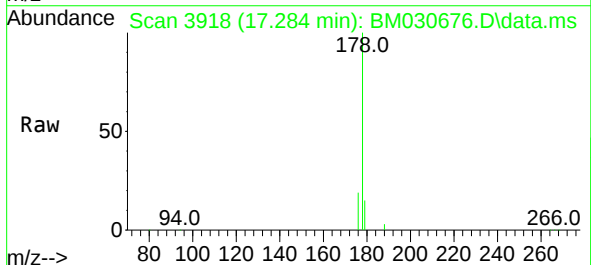
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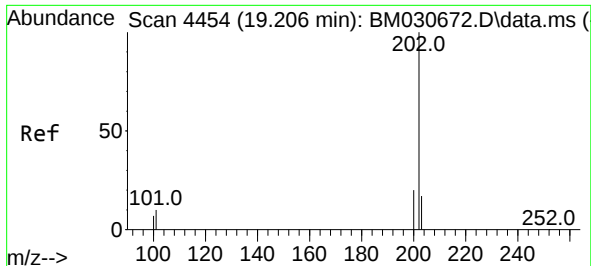
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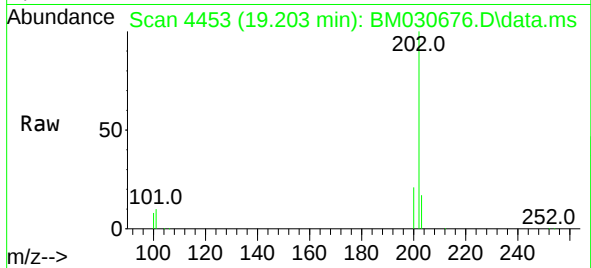
#16
Anthracene
Concen: 2.311 ng/ul
RT: 17.284 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:178 Resp: 80000
Ion Ratio Lower Upper
178 100
179 15.5 14.0 21.0
176 18.6 15.8 23.6

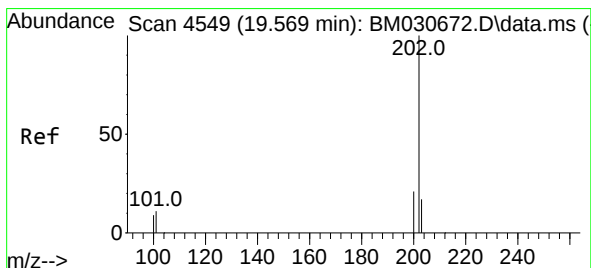
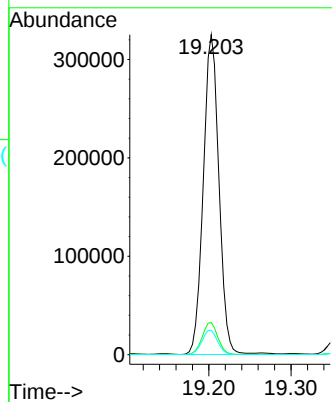
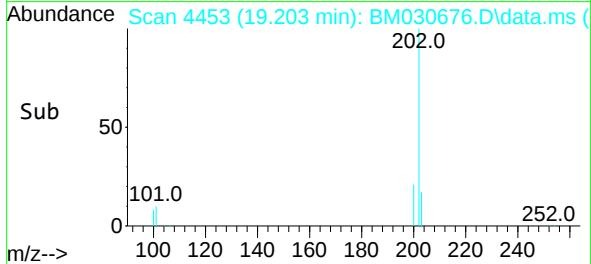




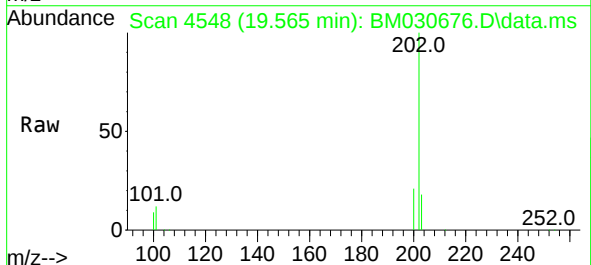
#19
Fluoranthene
Concen: 8.518 ng/ul
RT: 19.203 min Scan# 4453
Delta R.T. -0.008 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



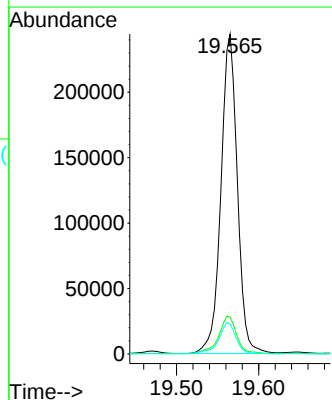
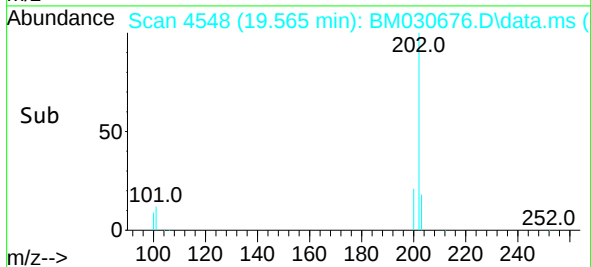
Tgt Ion:202 Resp: 430306
Ion Ratio Lower Upper
202 100
101 10.0 8.7 13.1
100 7.6 6.6 9.8



#20
Pyrene
Concen: 6.666 ng/ul
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



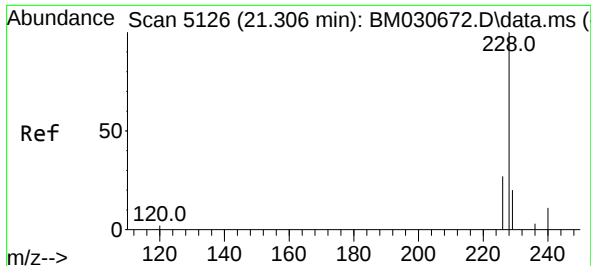
Tgt Ion:202 Resp: 338636
Ion Ratio Lower Upper
202 100
101 11.5 10.2 15.4
100 9.3 8.5 12.7



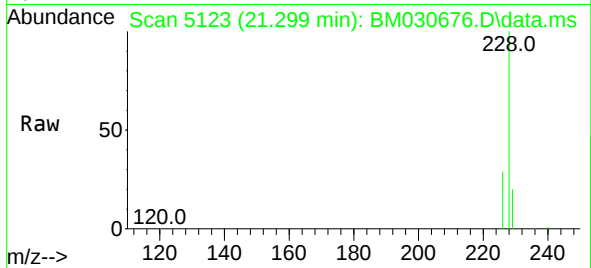
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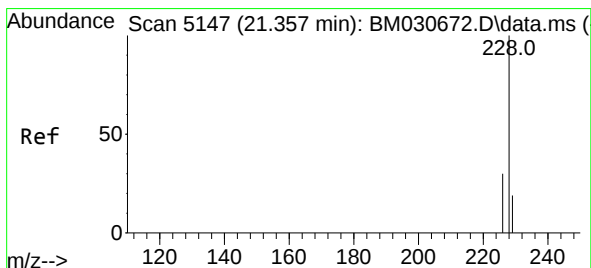
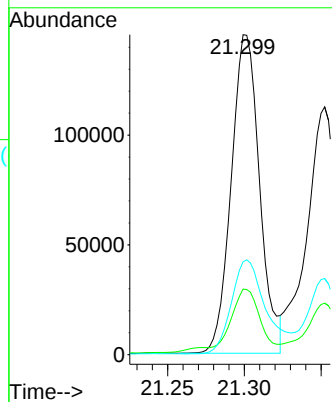
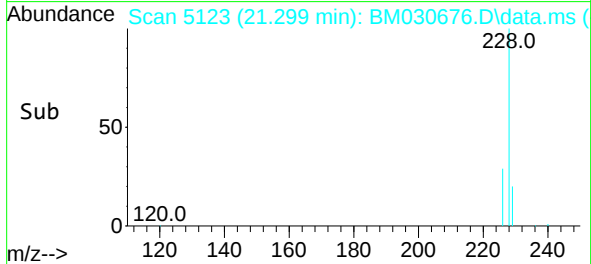
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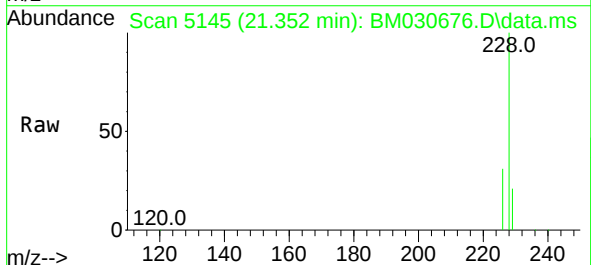
#21
Benzo(a)anthracene
Concen: 4.094 ng/u1
RT: 21.299 min Scan# 5123
Delta R.T. -0.010 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



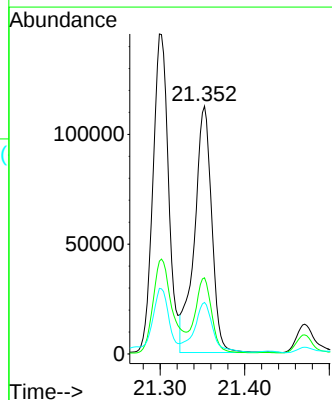
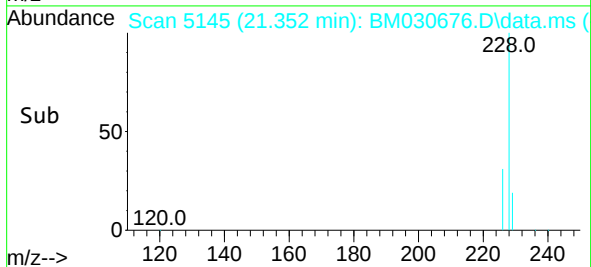
Tgt Ion:228 Resp: 186802
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 29.0 22.2 33.4



#22
Chrysene
Concen: 3.122 ng/u1
RT: 21.352 min Scan# 5145
Delta R.T. -0.010 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



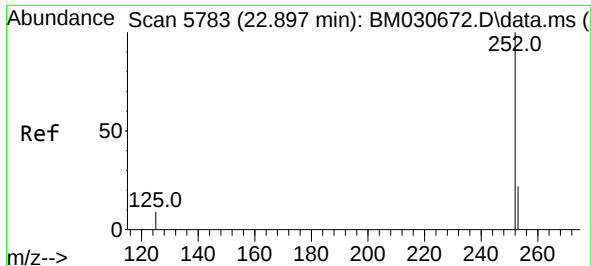
Tgt Ion:228 Resp: 159583
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.8 16.2 24.2



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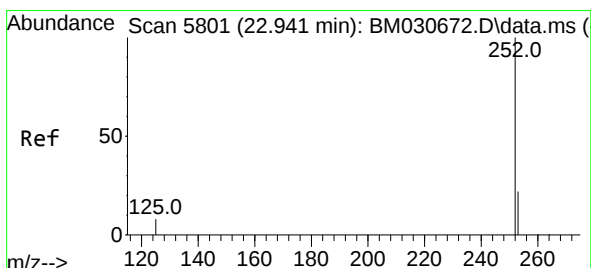
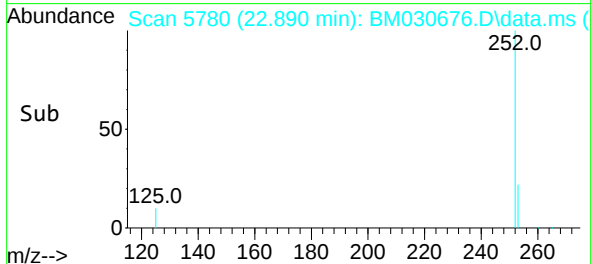
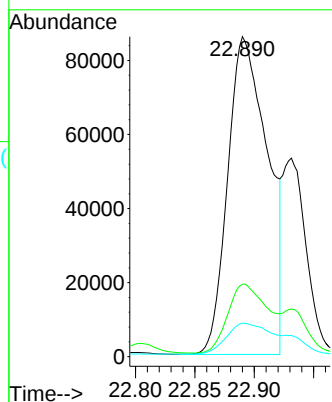
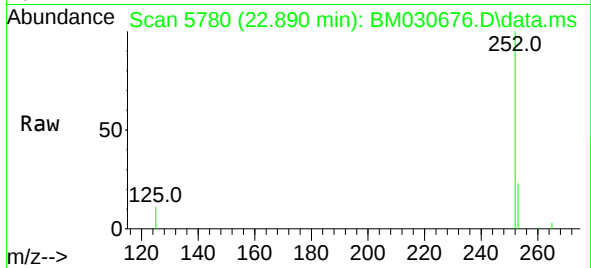
#24
Benzo(b)fluoranthene
Concen: 3.952 ng/ul m
RT: 22.890 min Scan# 5780
Delta R.T. -0.010 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:252 Resp: 199809
Ion Ratio Lower Upper
252 100
253 22.6 0.0 57.8
125 10.5 0.0 33.2

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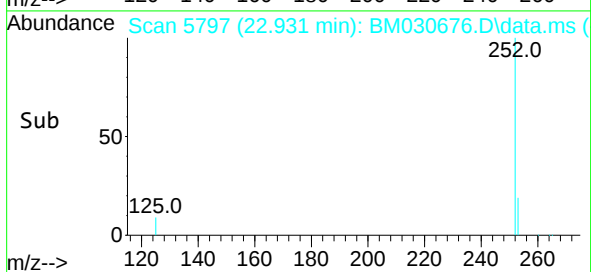
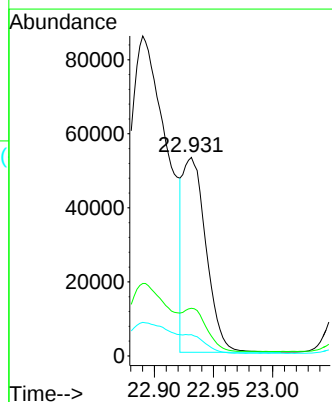
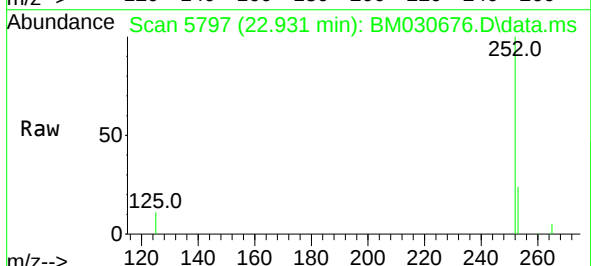
Manual Integrations
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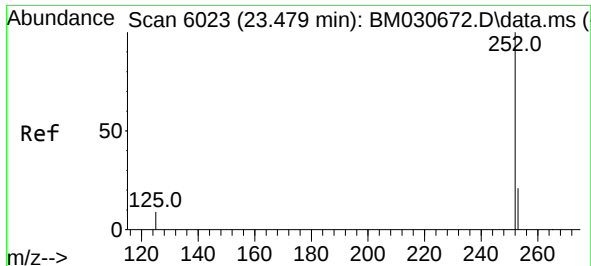
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#25
Benzo(k)fluoranthene
Concen: 1.378 ng/ul m
RT: 22.931 min Scan# 5797
Delta R.T. -0.014 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:252 Resp: 71816
Ion Ratio Lower Upper
252 100
253 24.0 23.2 34.8
125 10.7 12.6 19.0#





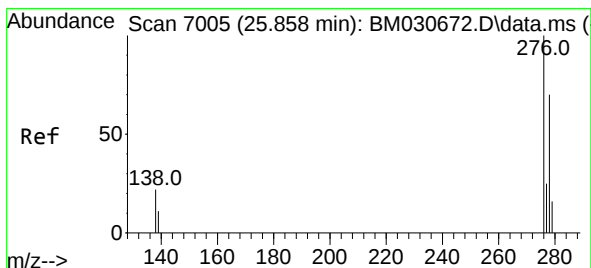
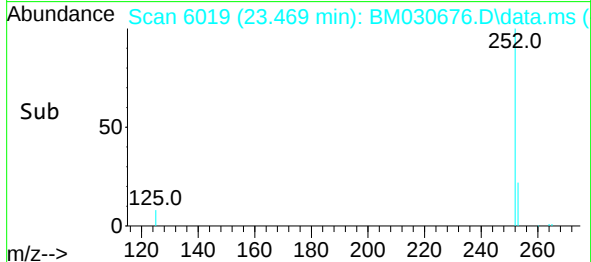
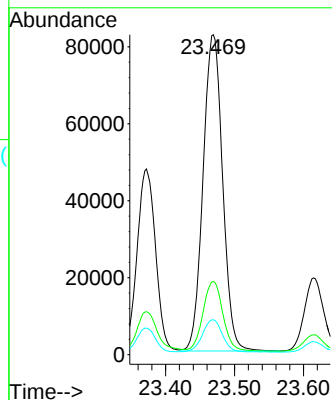
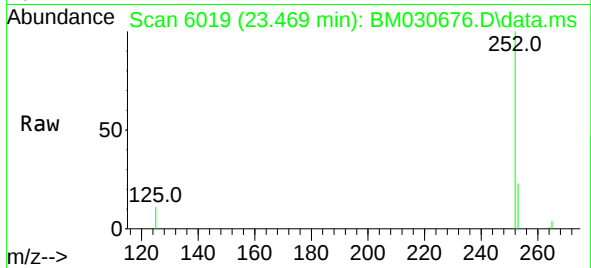
#26
Benzo(a)pyrene
Concen: 3.763 ng/ul
RT: 23.469 min Scan# 6019
Delta R.T. -0.012 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:252 Resp: 161821
Ion Ratio Lower Upper
252 100
253 22.9 25.5 38.3#
125 10.9 15.8 23.6#

Instrument :
BNA_M
ClientSampleId :
BGDC7DL

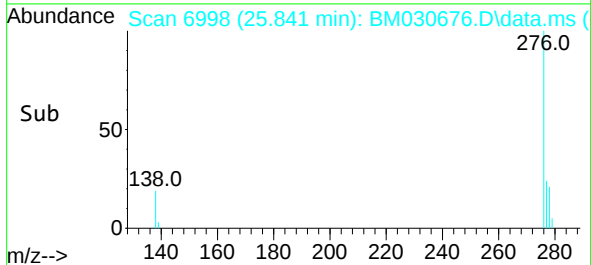
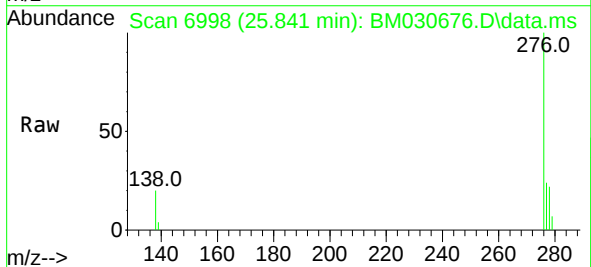
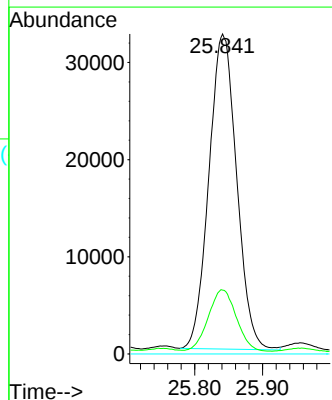
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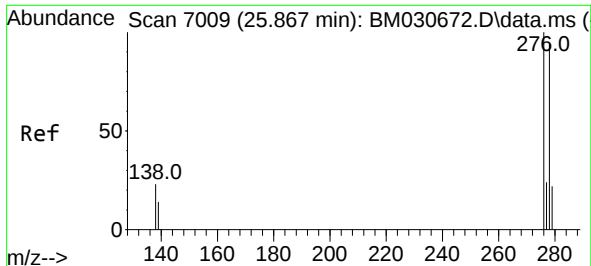
mohammad
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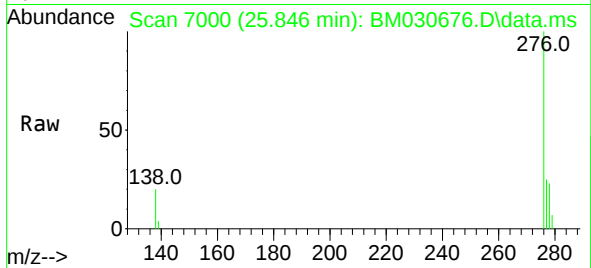
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.644 ng/ul
RT: 25.841 min Scan# 6998
Delta R.T. -0.022 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45

Tgt Ion:276 Resp: 92065
Ion Ratio Lower Upper
276 100
138 19.8 18.2 27.4
227 0.0 0.0 0.0

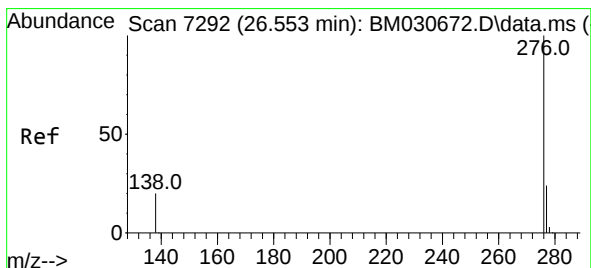
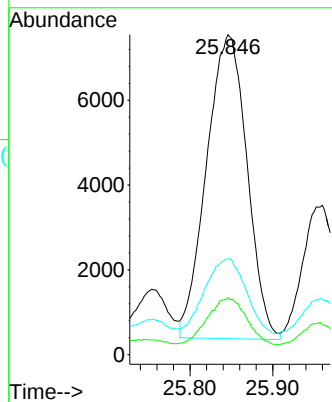
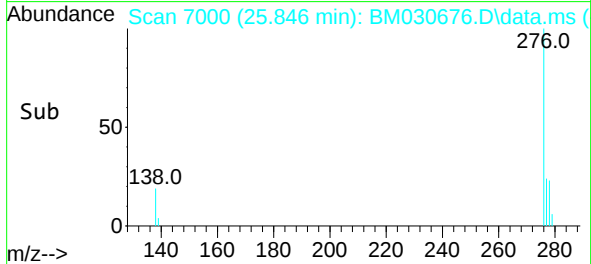




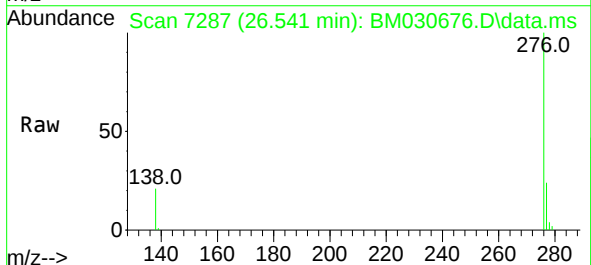
#28
Dibenzo(a,h)anthracene
Concen: 0.542 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.024 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



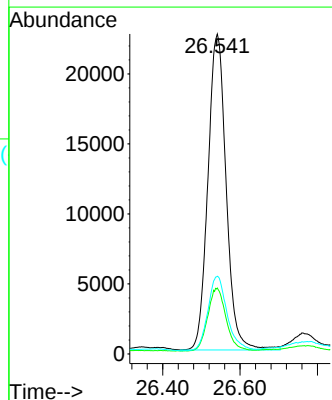
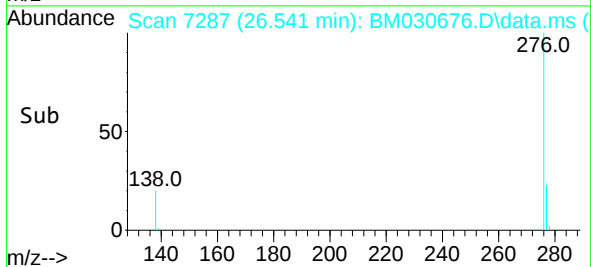
Tgt Ion: 278 Resp: 24381
Ion Ratio Lower Upper
278 100
139 17.9 15.0 22.4
279 30.0 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 1.520 ng/ul
RT: 26.541 min Scan# 7287
Delta R.T. -0.017 min
Lab File: BM030676.D
Acq: 29 Jun 2021 05:45



Tgt Ion: 276 Resp: 73982
Ion Ratio Lower Upper
276 100
138 20.6 18.1 27.1
277 24.3 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGDC7DL

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