

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030681.D
 Acq On : 29 Jun 2021 08:48
 Operator : CG/JU
 Sample : M2704-04DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD85DL

Manual Integrations
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Quant Time: Jun 29 09:34:22 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 08:22:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	8627	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	4801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	9205	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	8987	0.400	ng/ul	0.00
23) Perylene-d12	23.568	264	9687	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1131	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	560	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1334	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	2004	0.082	ng/ul#	93
7) 2-Methylnaphthalene	12.245	142	552	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.461	142	388	0.024	ng/ul	97
10) Acenaphthylene	14.136	152	3314	0.155	ng/ul	95
11) Acenaphthene	14.478	153	663	0.038	ng/ul	96
12) Fluorene	15.464	166	2084	0.109	ng/ul#	98
15) Phenanthrene	17.193	178	27381	0.885	ng/ul	98
16) Anthracene	17.284	178	7904	0.292	ng/ul	99
19) Fluoranthene	19.203	202	62063	1.565	ng/ul	99
20) Pyrene	19.565	202	58061	1.456	ng/ul	97
21) Benzo(a)anthracene	21.302	228	35487	0.991	ng/ul	97
22) Chrysene	21.352	228	34063	0.849	ng/ul	98
24) Benzo(b)fluoranthene	22.893	252	41530m	0.968	ng/ul	
25) Benzo(k)fluoranthene	22.929	252	14988m	0.339	ng/ul	
26) Benzo(a)pyrene	23.469	252	30357	0.832	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.844	276	18616	0.392	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.848	278	5686	0.149	ng/ul#	82
29) Benzo(g,h,i)perylene	26.544	276	14559	0.352	ng/ul	99

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

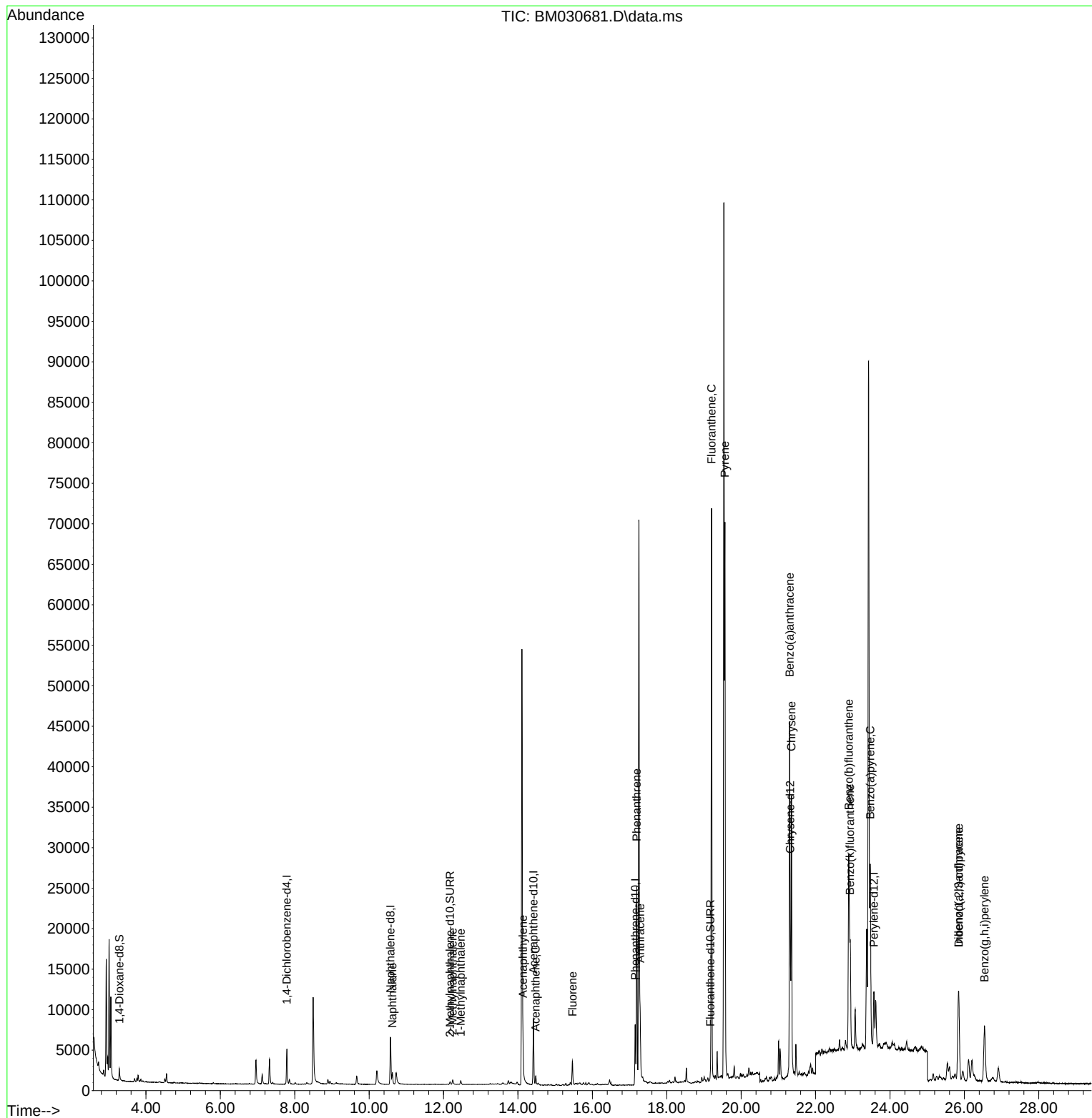
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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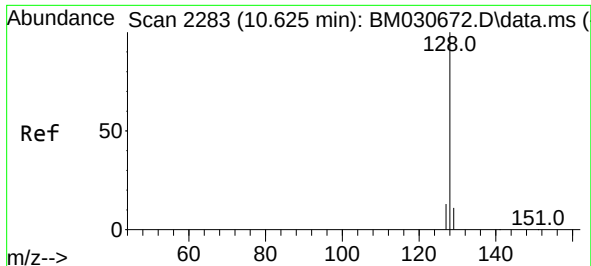
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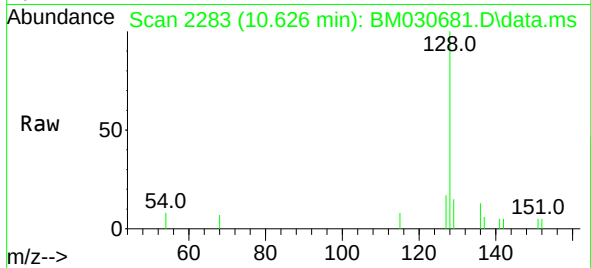
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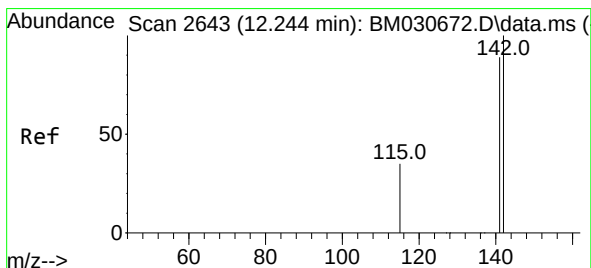
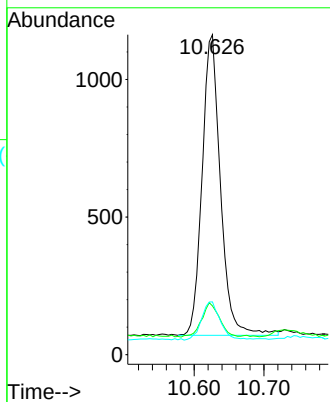
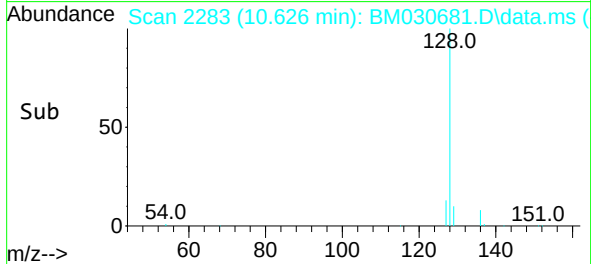




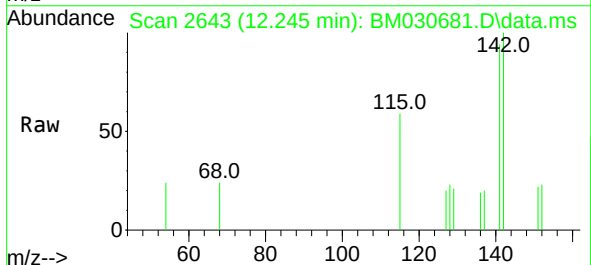
#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



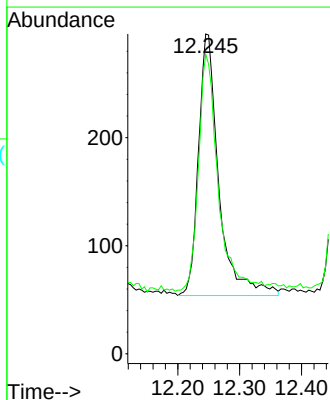
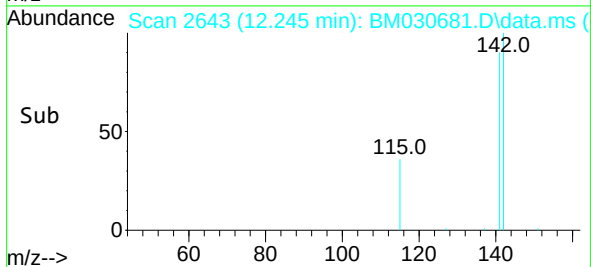
Tgt Ion:128 Resp: 2004
Ion Ratio Lower Upper
128 100
129 15.2 9.5 14.3#
127 16.5 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. 0.001 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



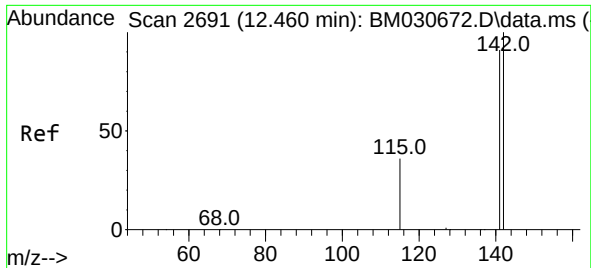
Tgt Ion:142 Resp: 552
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0



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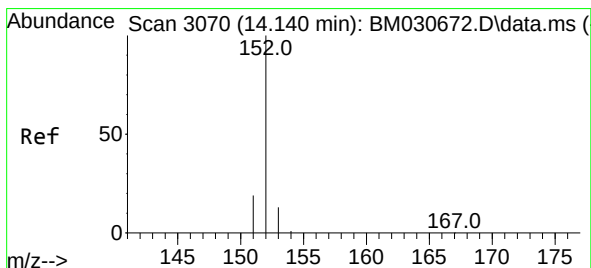
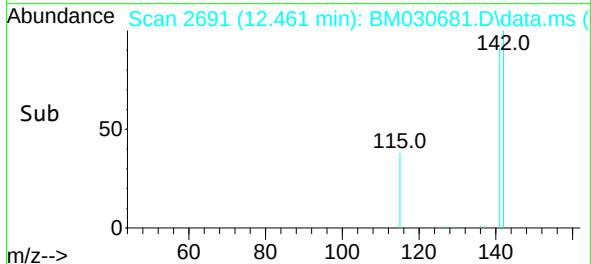
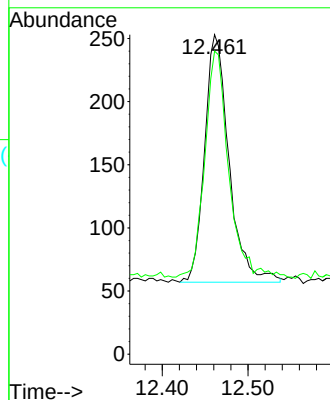
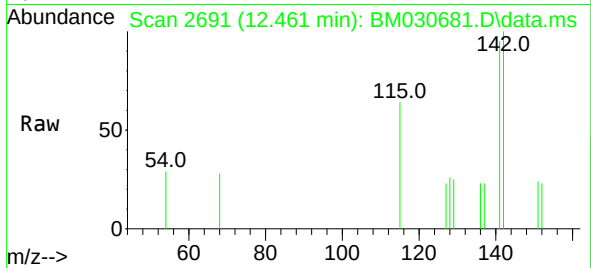
#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
141 88.7 73.2 109.8

Instrument :
BNA_M
ClientSampled :
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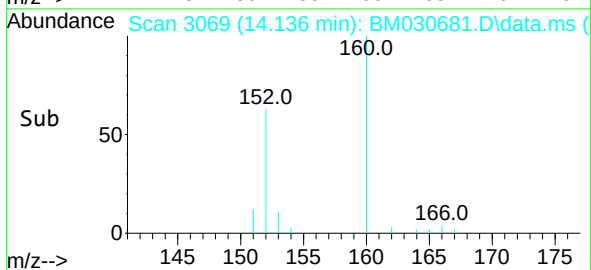
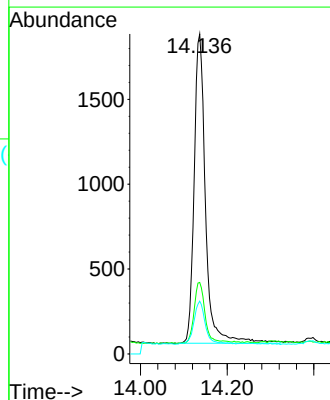
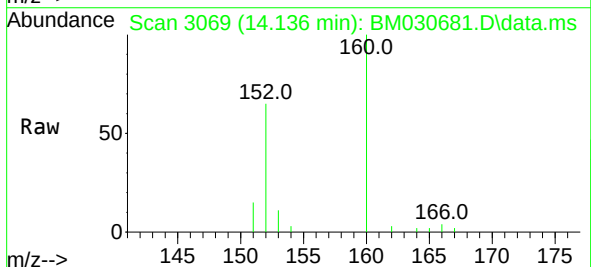
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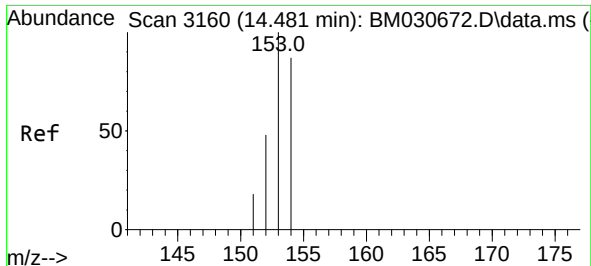
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#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

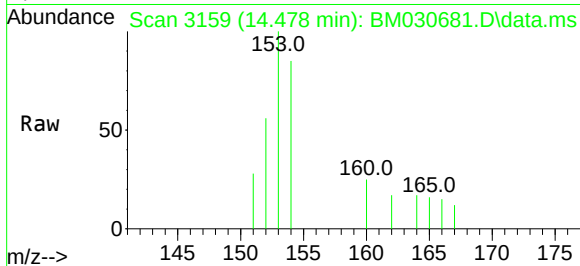
Tgt Ion:152 Resp: 3314
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 16.5 11.4 17.0



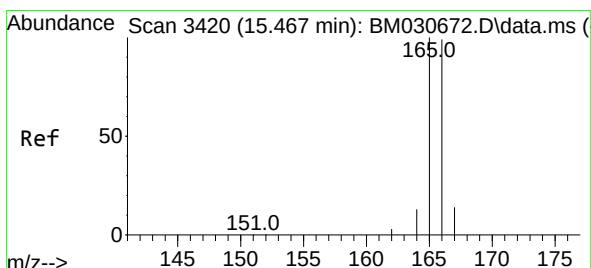
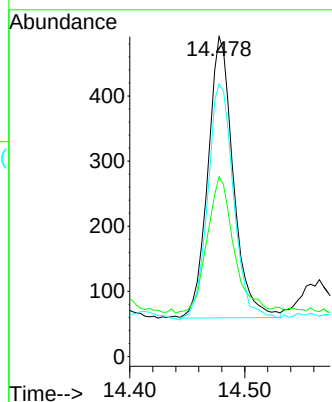
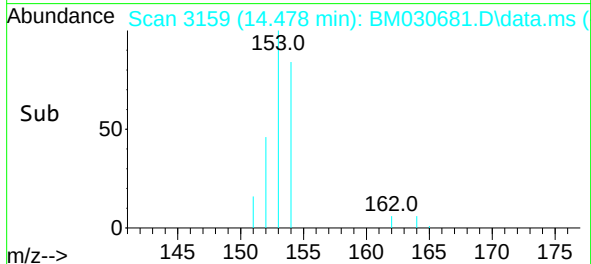


#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

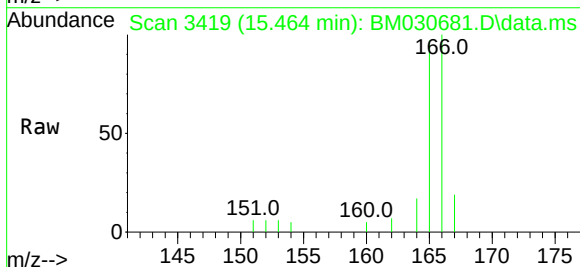
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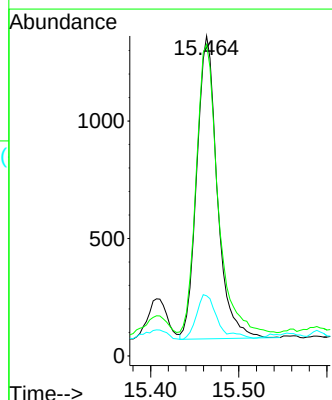
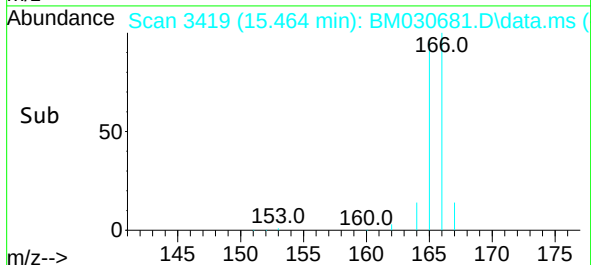
Tgt Ion:153 Resp: 663
Ion Ratio Lower Upper
153 100
152 56.2 39.8 59.6
154 85.1 68.7 103.1

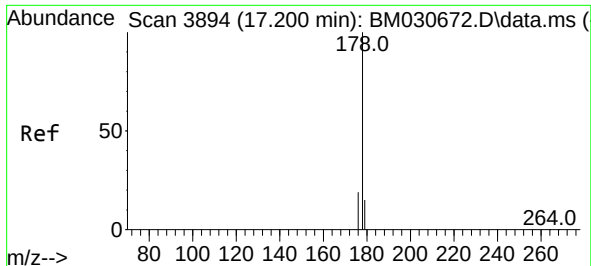


#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.464 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

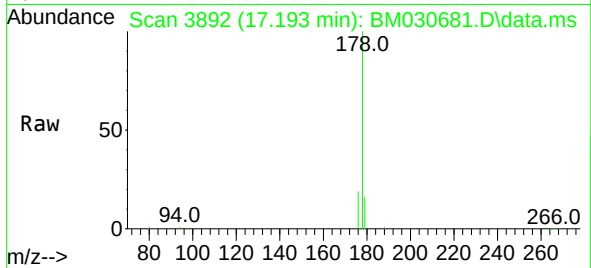


Tgt Ion:166 Resp: 2084
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 18.8 12.2 18.2#

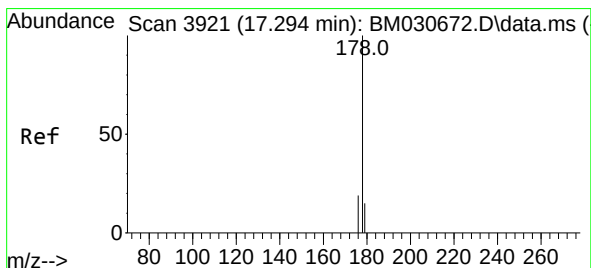
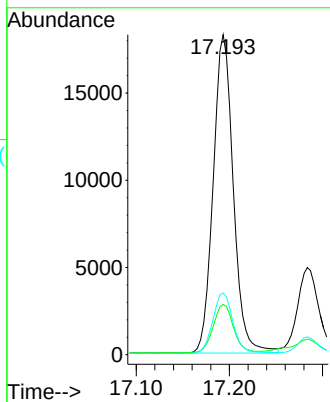
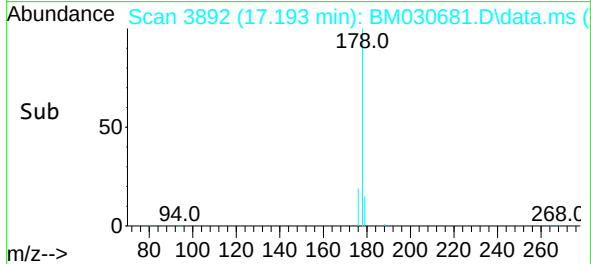




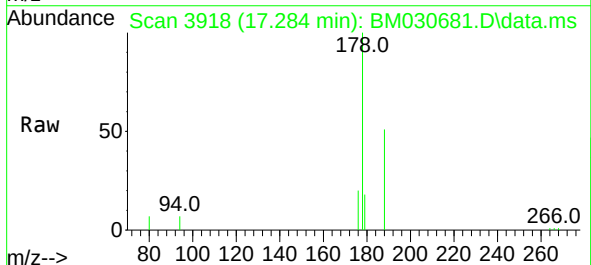
#15
Phenanthrene
Concen: 0.885 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



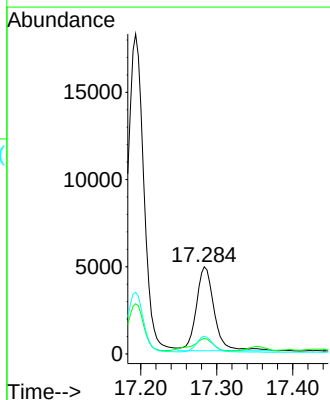
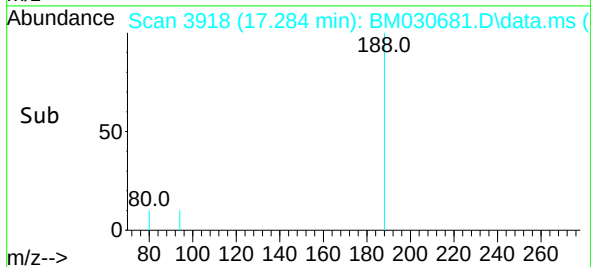
Tgt Ion:178 Resp: 27381
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.284 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



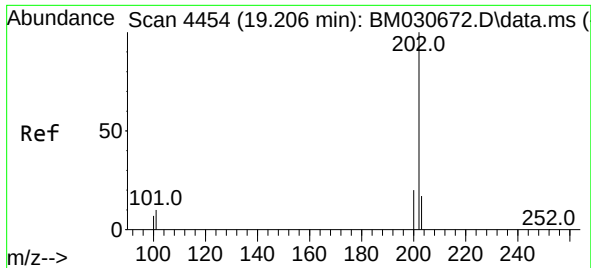
Tgt Ion:178 Resp: 7904
Ion Ratio Lower Upper
178 100
179 17.8 14.0 21.0
176 20.5 15.8 23.6



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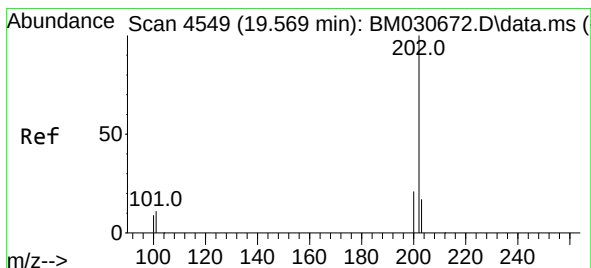
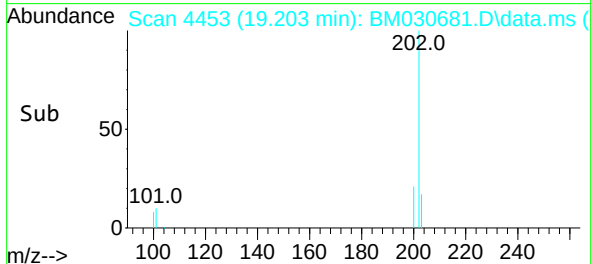
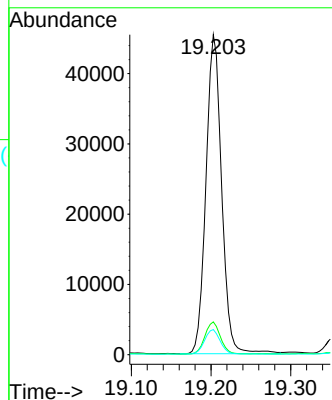
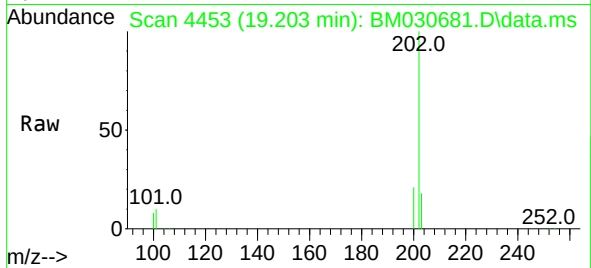
#19
Fluoranthene
Concen: 1.565 ng/u1
RT: 19.203 min Scan# 4453
Delta R.T. -0.008 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

Tgt Ion:202 Resp: 62063
Ion Ratio Lower Upper
202 100
101 10.3 8.7 13.1
100 7.9 6.6 9.8

Instrument :
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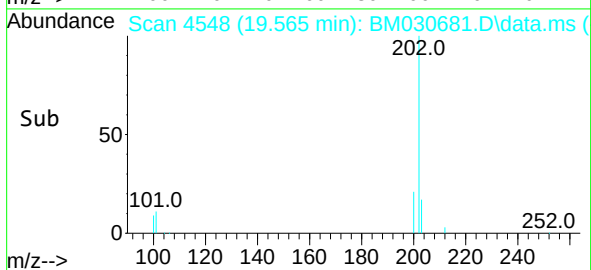
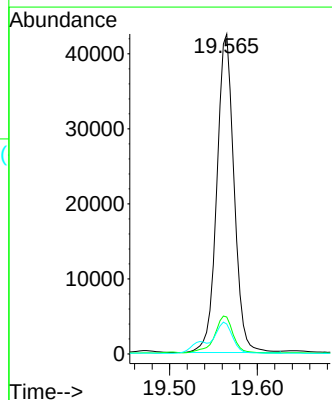
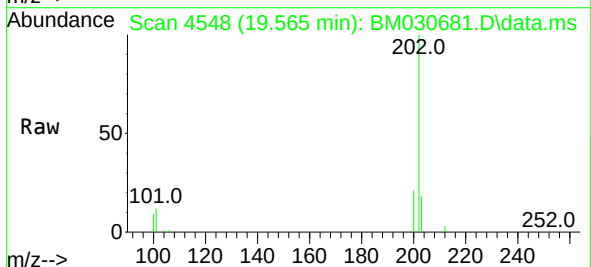
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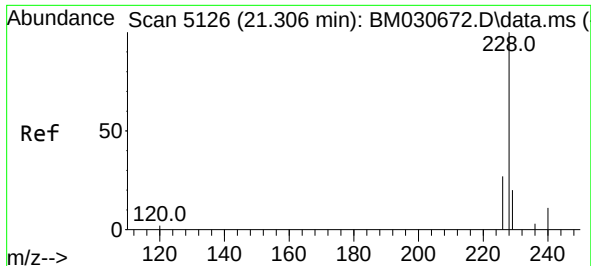
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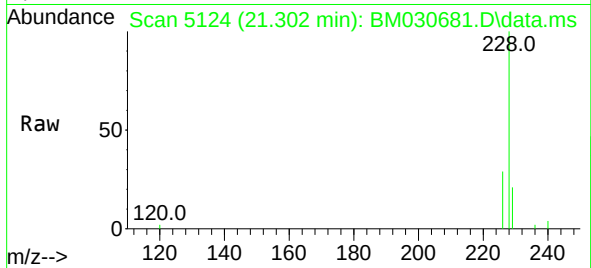
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Pyrene
Concen: 1.456 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

Tgt Ion:202 Resp: 58061
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.4
100 9.4 8.5 12.7

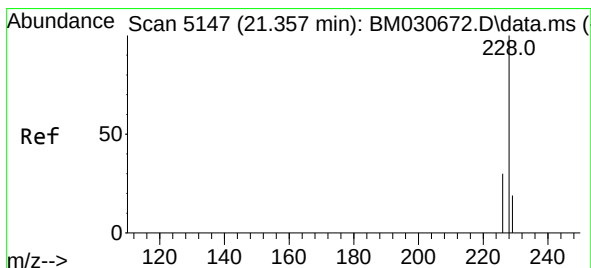
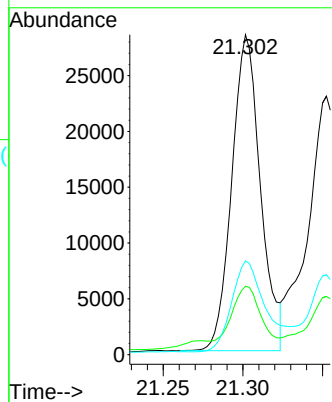
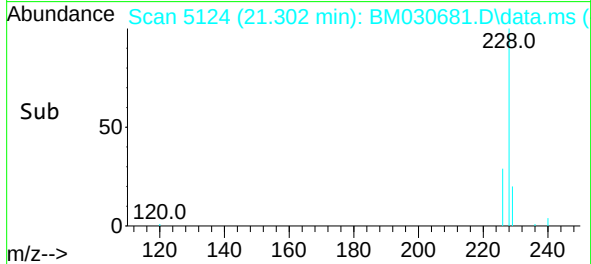




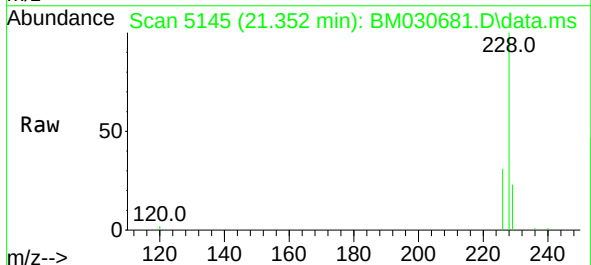
#21
Benzo(a)anthracene
Concen: 0.991 ng/u1
RT: 21.302 min Scan# 5124
Delta R.T. -0.007 min
Lab File: BM030681.D
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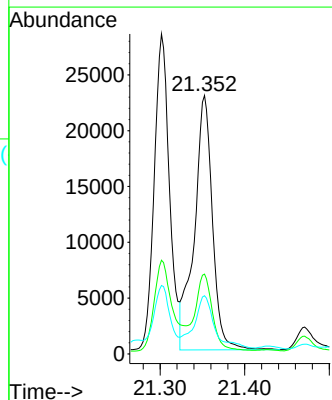
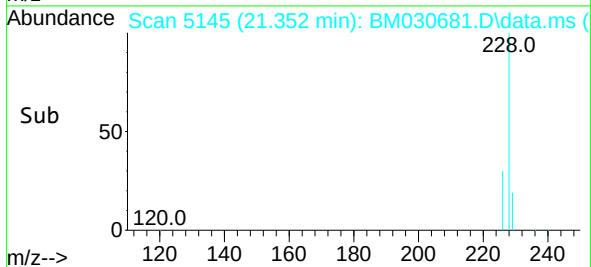
Tgt Ion:228 Resp: 35487
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.3 22.2 33.4



#22
Chrysene
Concen: 0.849 ng/u1
RT: 21.352 min Scan# 5145
Delta R.T. -0.010 min
Lab File: BM030681.D
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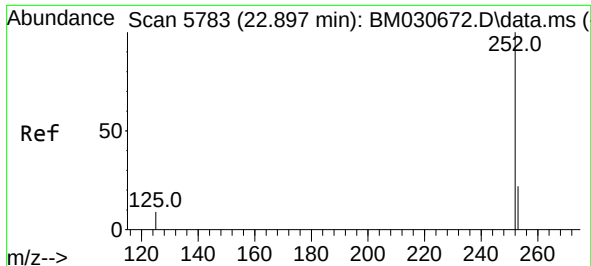
Tgt Ion:228 Resp: 34063
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.5 16.2 24.2



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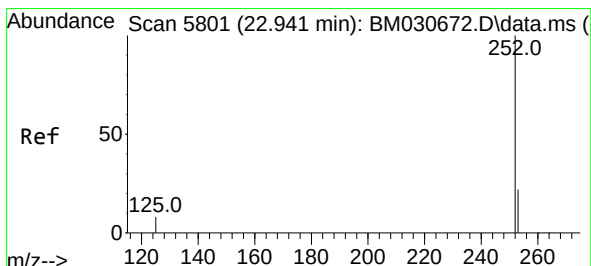
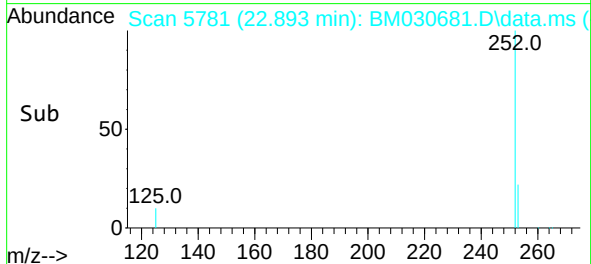
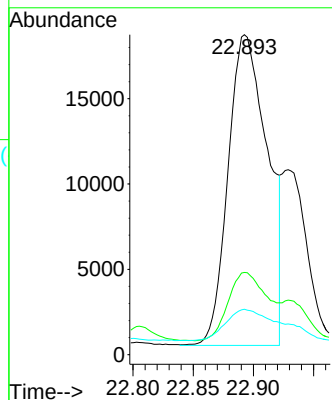
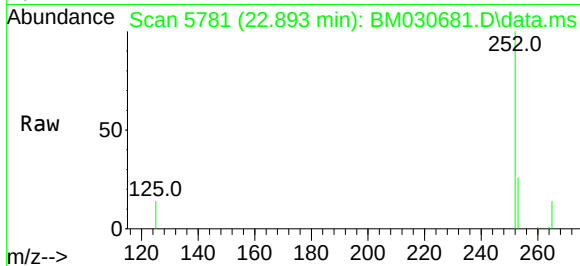
#24
Benzo(b)fluoranthene
Concen: 0.968 ng/ul m
RT: 22.893 min Scan# 5781
Delta R.T. -0.007 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

Tgt Ion:252	Resp:	41530
Ion Ratio	Lower	Upper
252	100	
253	25.7	0.0 57.8
125	14.2	0.0 33.2

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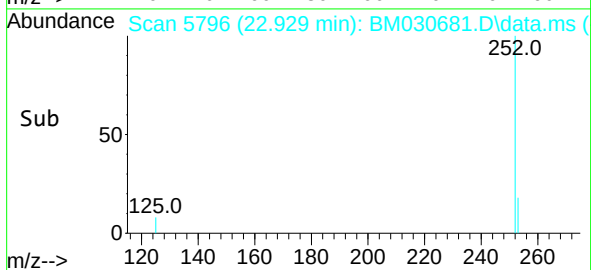
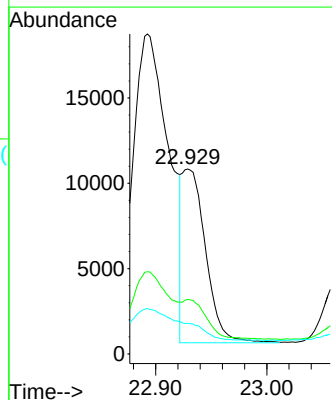
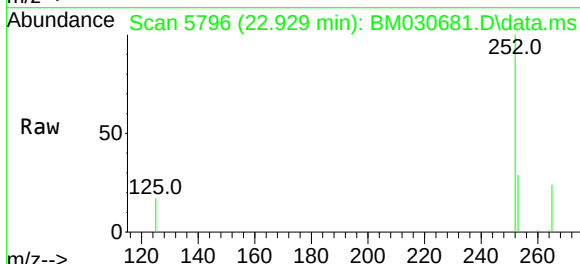
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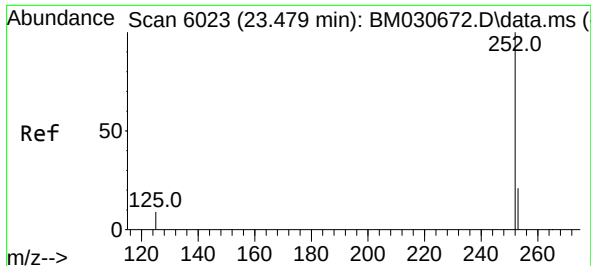
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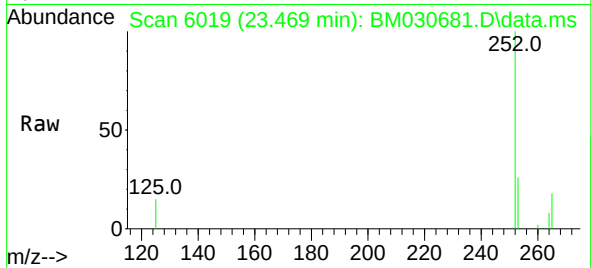
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Benzo(k)fluoranthene
Concen: 0.339 ng/ul m
RT: 22.929 min Scan# 5796
Delta R.T. -0.017 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48

Tgt Ion:252	Resp:	14988
Ion Ratio	Lower	Upper
252	100	
253	29.5	23.2 34.8
125	16.6	12.6 19.0

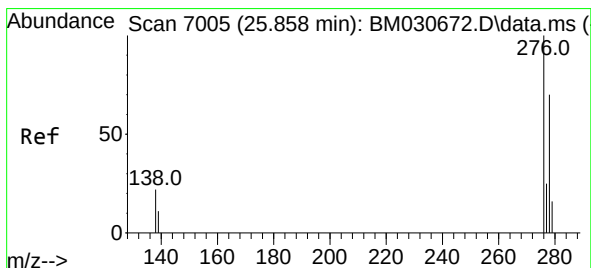
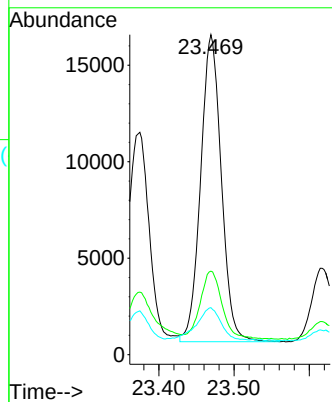
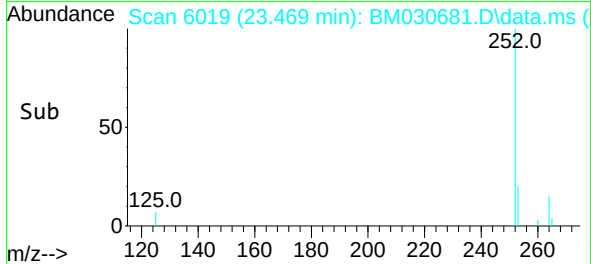




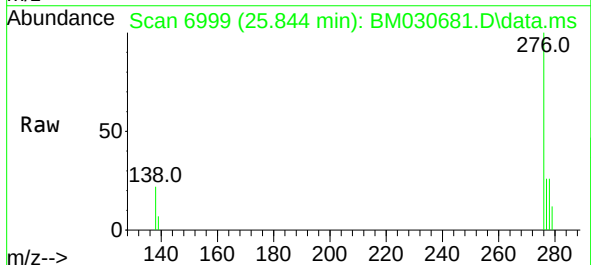
#26
Benzo(a)pyrene
Concen: 0.832 ng/ul
RT: 23.469 min Scan# 6019
Delta R.T. -0.012 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



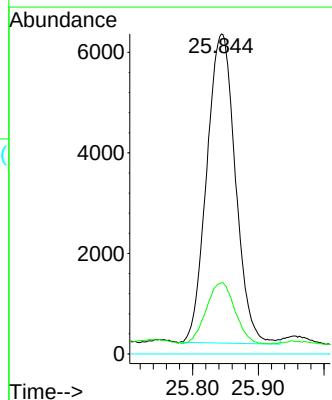
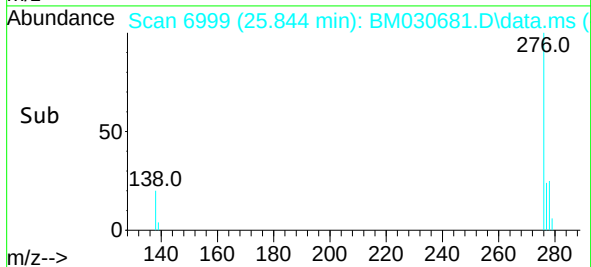
Tgt Ion:252 Resp: 30357
Ion Ratio Lower Upper
252 100
253 26.1 25.5 38.3
125 14.7 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.844 min Scan# 6999
Delta R.T. -0.019 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



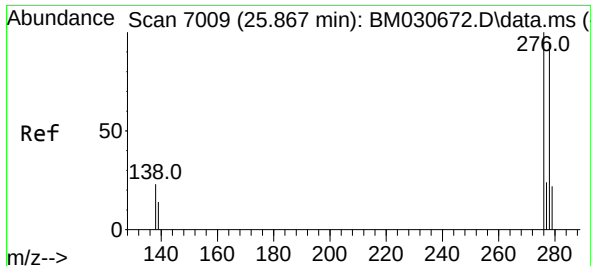
Tgt Ion:276 Resp: 18616
Ion Ratio Lower Upper
276 100
138 20.5 18.2 27.4
227 0.0 0.0 0.0



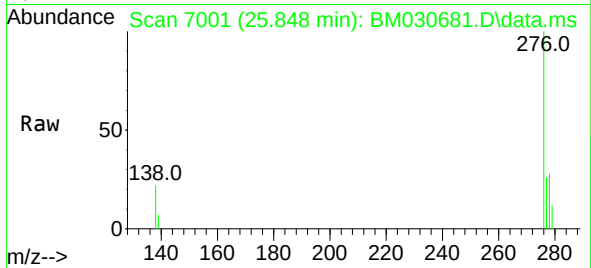
Instrument :
BNA_M
ClientSampleId :
BGD85DL

Manual Integrations
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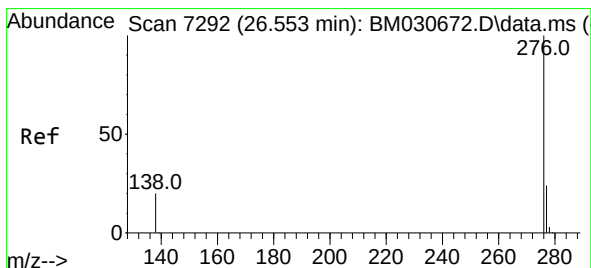
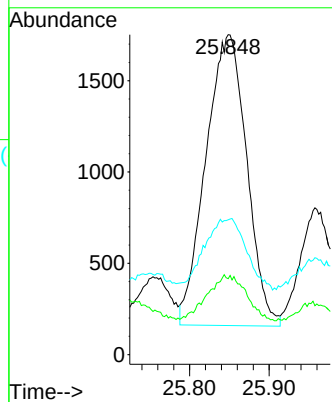
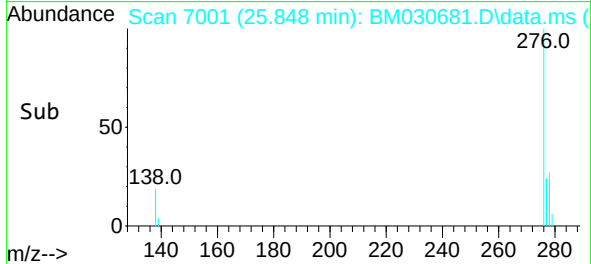
mohammad
6/29/2021 2:32:34 PM



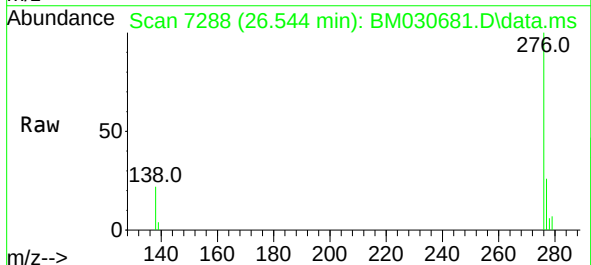
#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.022 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



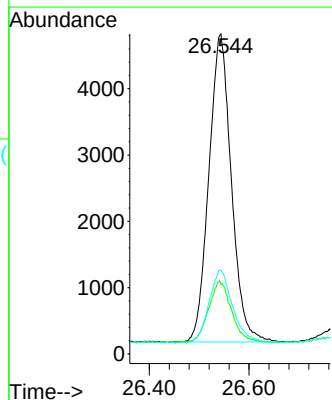
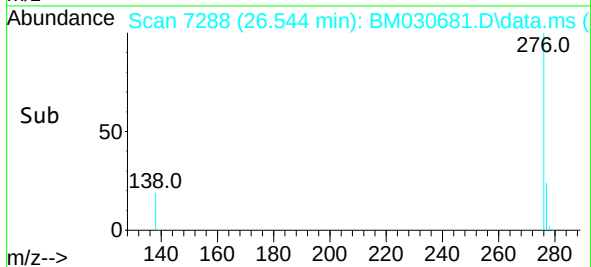
Tgt Ion:278 Resp: 5686
Ion Ratio Lower Upper
278 100
139 23.7 15.0 22.4#
279 42.1 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.544 min Scan# 7288
Delta R.T. -0.014 min
Lab File: BM030681.D
Acq: 29 Jun 2021 08:48



Tgt Ion:276 Resp: 14559
Ion Ratio Lower Upper
276 100
138 21.8 18.1 27.1
277 26.1 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGD85DL

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