

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030678.D
 Acq On : 29 Jun 2021 06:58
 Operator : CG/JU
 Sample : M2704-11DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD4DL

Manual Integrations
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Quant Time: Jun 29 07:44:03 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 07:43:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.575	136	10392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	10636	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	9683	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	10442	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1808	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	501	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1145	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.136	152	689	0.027	ng/ul#	77
15) Phenanthrene	17.193	178	4909	0.137	ng/ul	98
16) Anthracene	17.283	178	2532	0.081	ng/ul	93
19) Fluoranthene	19.203	202	22081	0.517	ng/ul	100
20) Pyrene	19.565	202	19366	0.451	ng/ul	98
21) Benzo(a)anthracene	21.304	228	12057	0.312	ng/ul	95
22) Chrysene	21.354	228	10202	0.236	ng/ul	97
24) Benzo(b)fluoranthene	22.897	252	12926m	0.279	ng/ul	
25) Benzo(k)fluoranthene	22.933	252	5180m	0.109	ng/ul	
26) Benzo(a)pyrene	23.471	252	9957	0.253	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.848	276	6028	0.118	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.853	278	1492	0.036	ng/ul#	38
29) Benzo(g,h,i)perylene	26.548	276	4667	0.105	ng/ul#	92

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

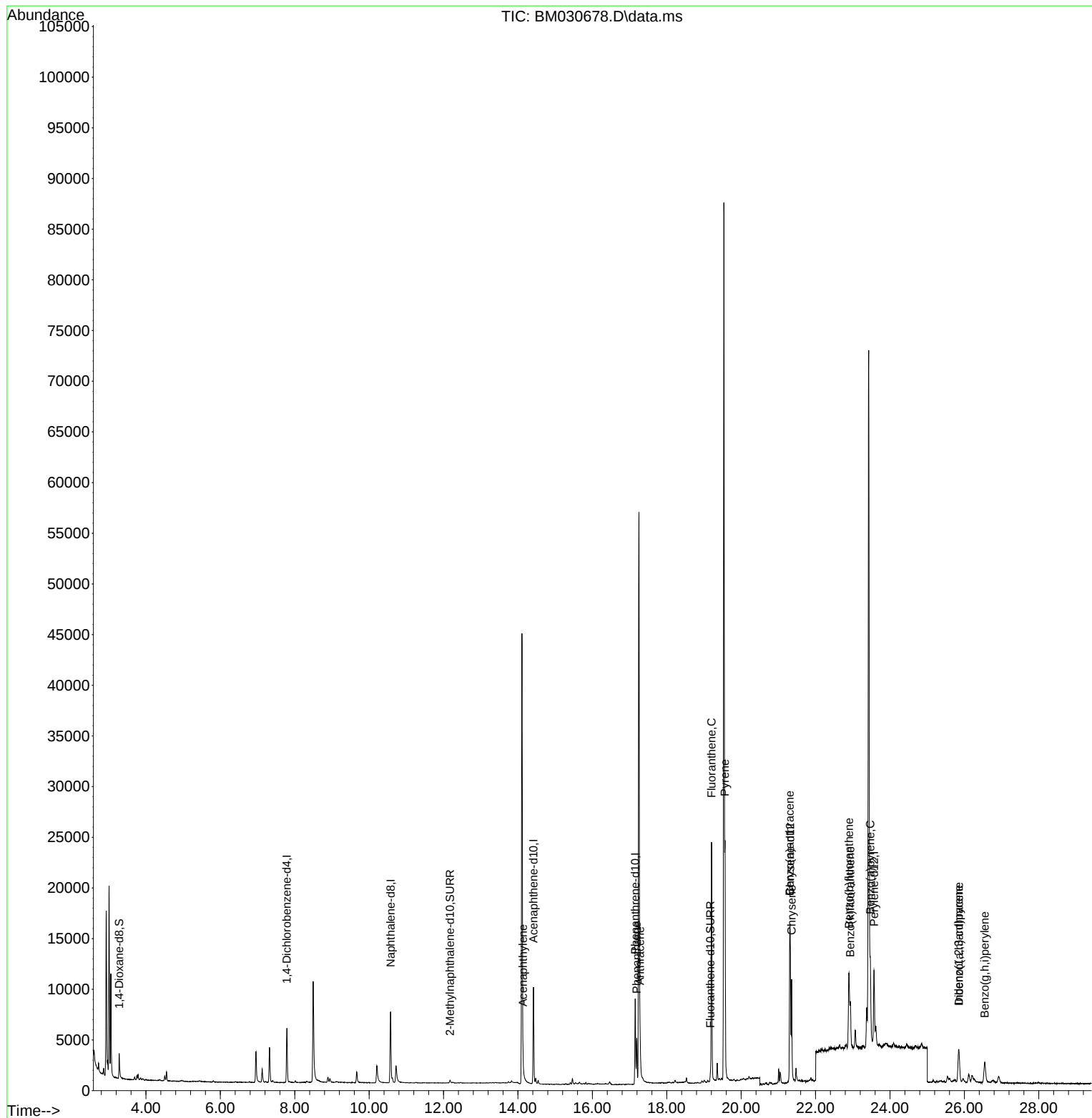
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030678.D
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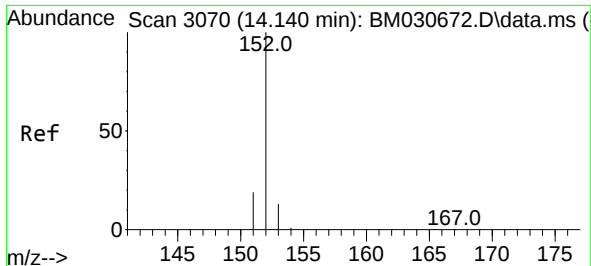
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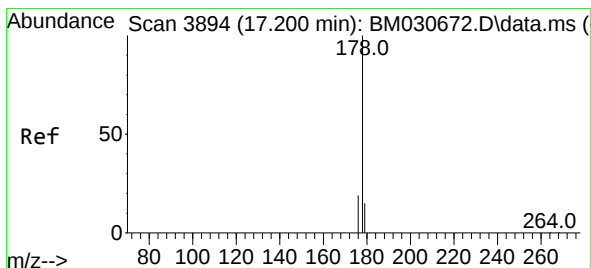
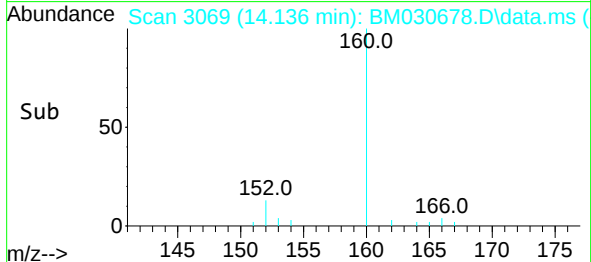
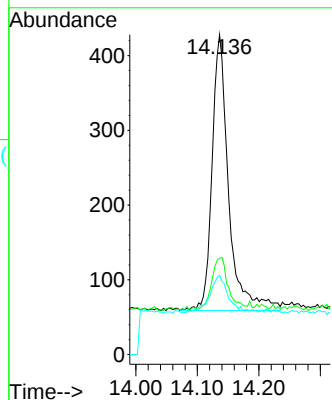
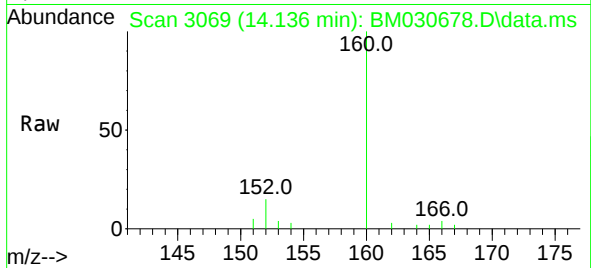
#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030678.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.1	16.2	24.4#
153	24.8	11.4	17.0#

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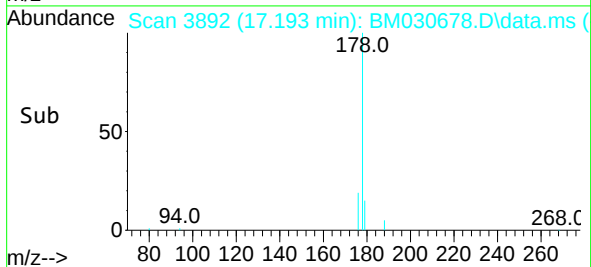
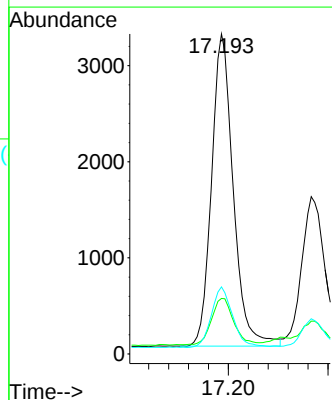
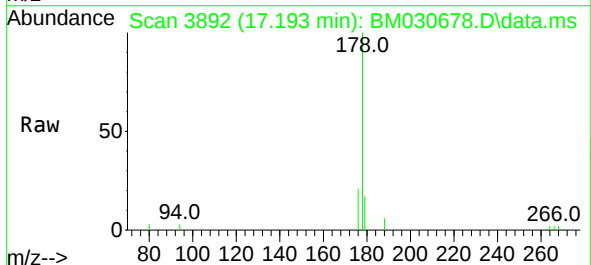
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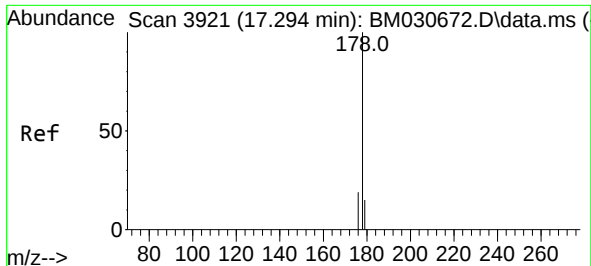
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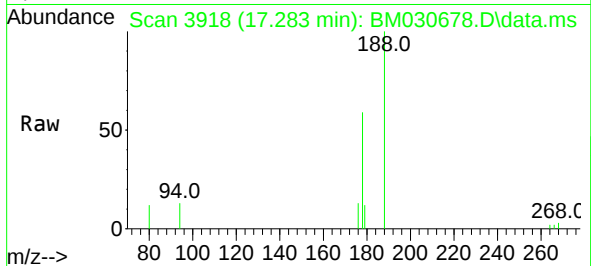
#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.3	19.9
176	21.0	16.0	24.0

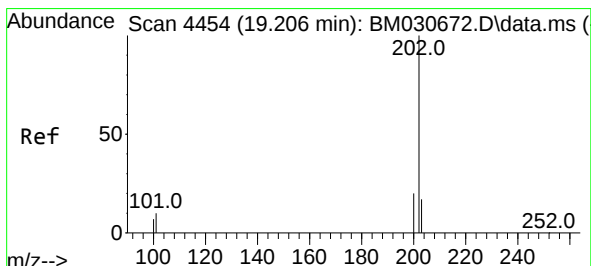
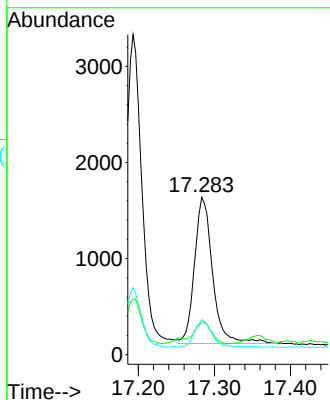
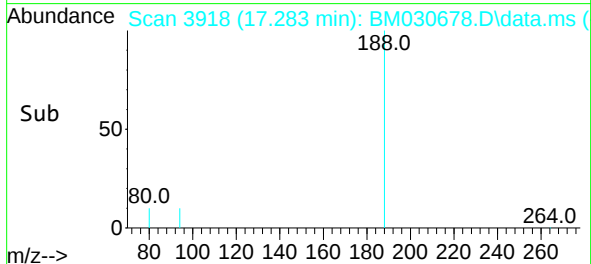




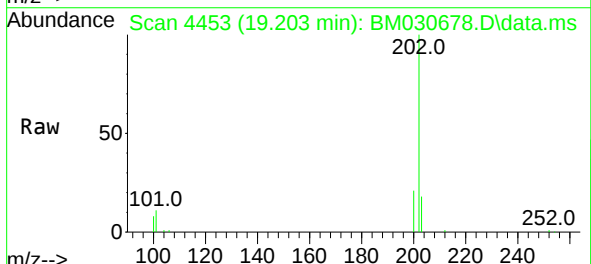
#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.283 min Scan# 3918
 Delta R.T. -0.007 min
 Lab File: BM030678.D
 Acq: 29 Jun 2021 06:58



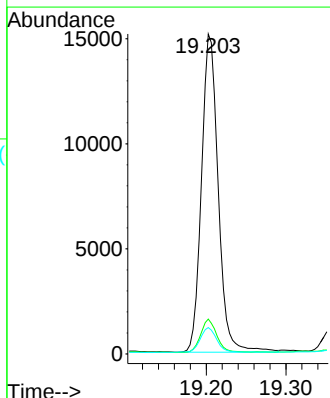
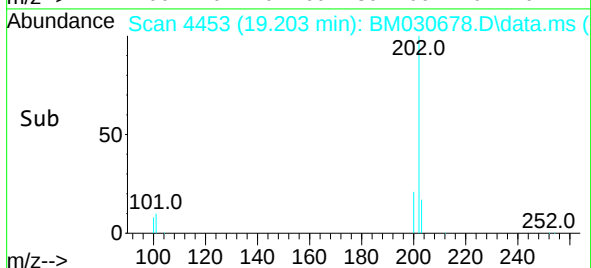
Tgt Ion:	178	Resp:	2532
Ion Ratio	Lower	Upper	
178	100		
179	20.8	14.0	21.0
176	22.4	15.8	23.6



#19
 Fluoranthene
 Concen: 0.517 ng/ul
 RT: 19.203 min Scan# 4453
 Delta R.T. -0.008 min
 Lab File: BM030678.D
 Acq: 29 Jun 2021 06:58



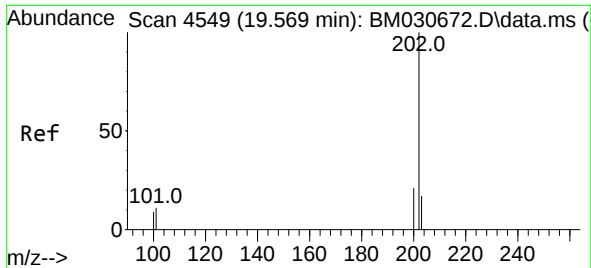
Tgt Ion:	202	Resp:	22081
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.7	13.1
100	8.2	6.6	9.8



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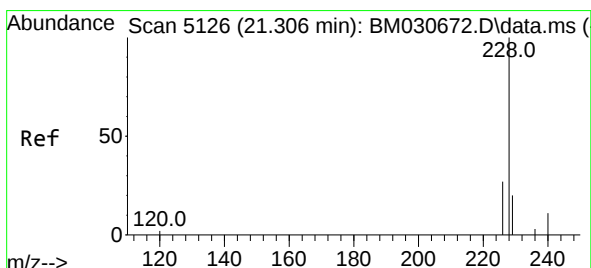
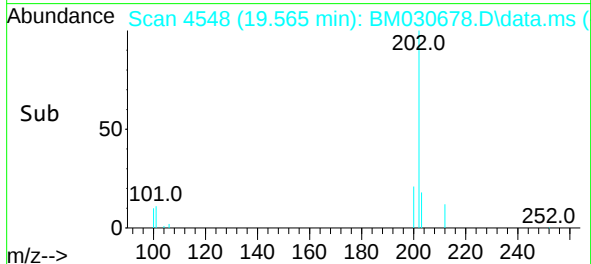
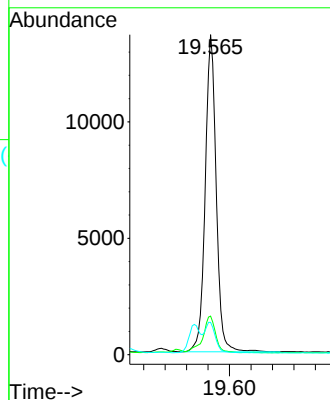
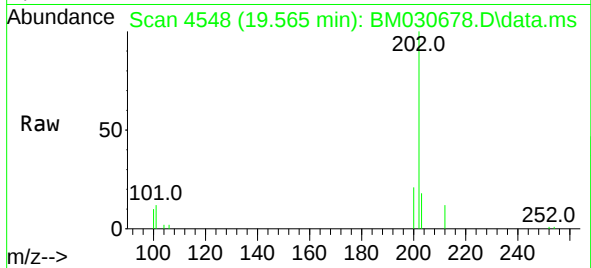
#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58

Tgt Ion:	202	Resp:	19366
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.2	15.4
100	10.1	8.5	12.7

Instrument :
BNA_M
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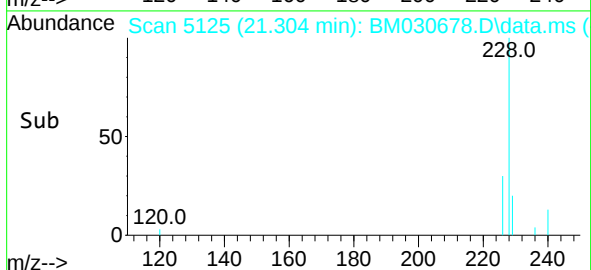
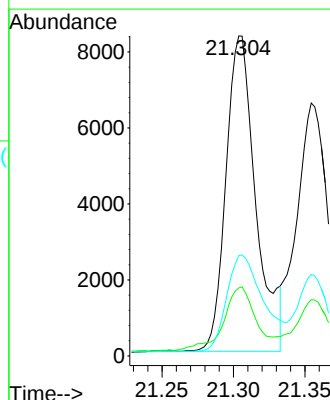
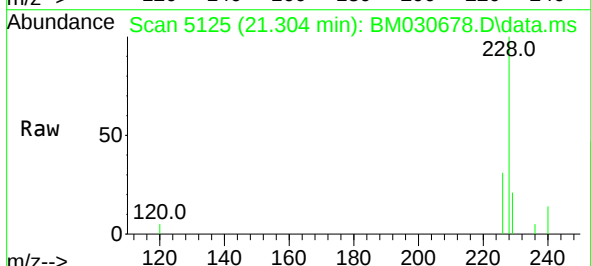
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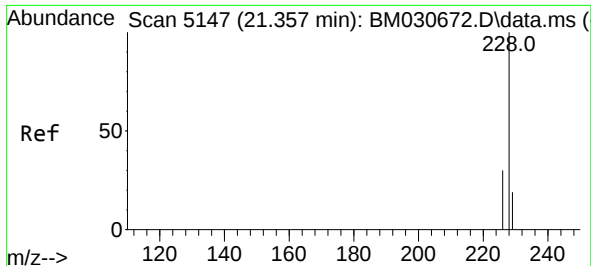
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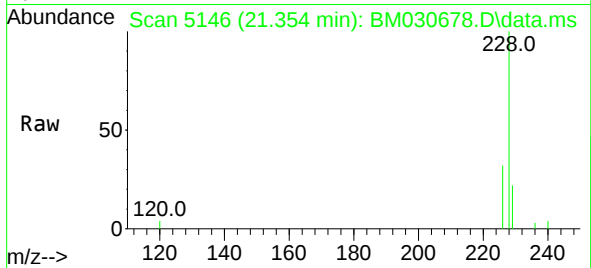
#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.304 min Scan# 5125
Delta R.T. -0.005 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58

Tgt Ion:	228	Resp:	12057
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.2	24.2
226	31.3	22.2	33.4

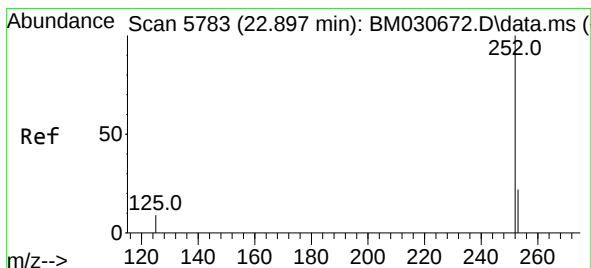
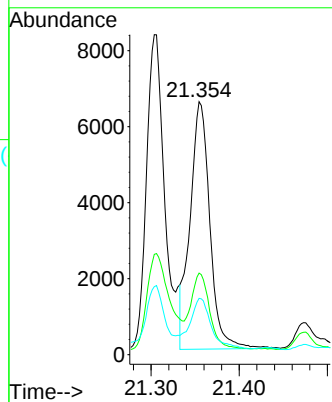
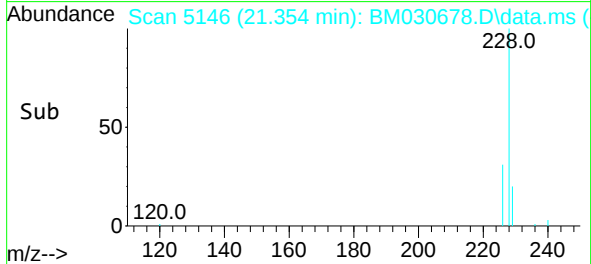




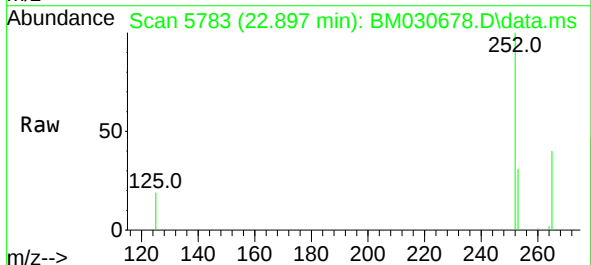
#22
Chrysene
Concen: 0.236 ng/ul
RT: 21.354 min Scan# 5146
Delta R.T. -0.008 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58



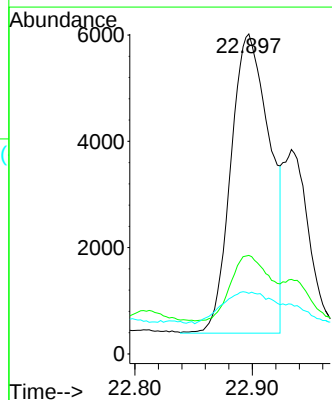
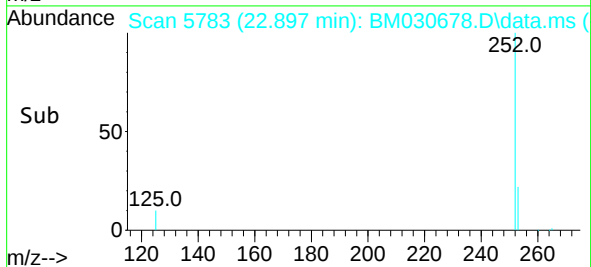
Tgt Ion:228 Resp: 10202
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 22.3 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.897 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58



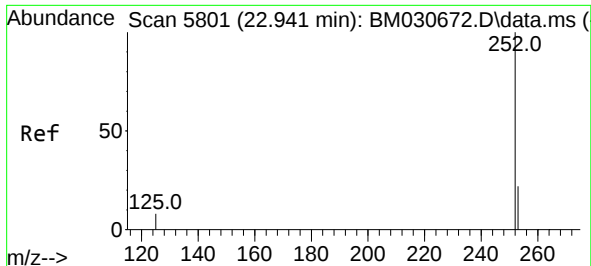
Tgt Ion:252 Resp: 12926
Ion Ratio Lower Upper
252 100
253 30.8 0.0 57.8
125 19.0 0.0 33.2



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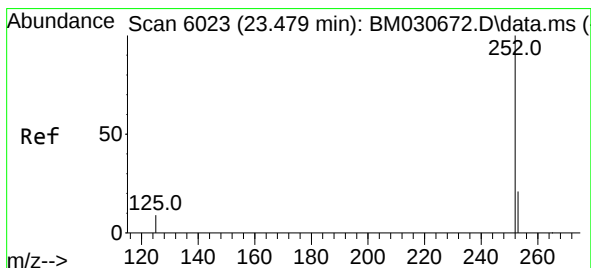
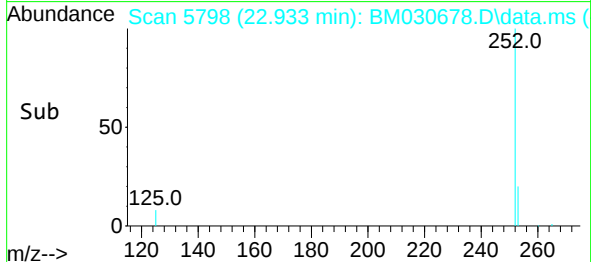
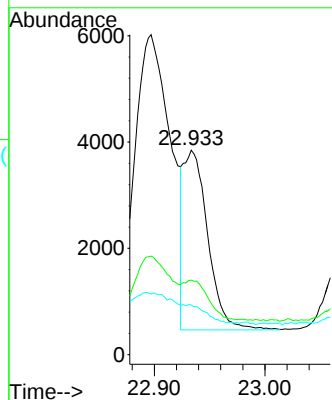
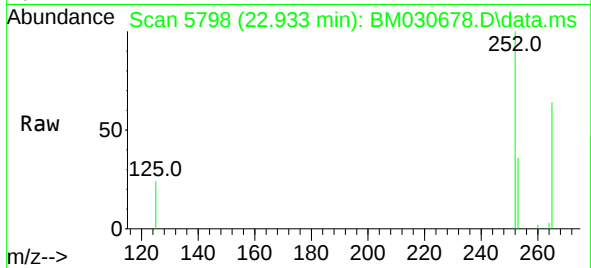
#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul m
RT: 22.933 min Scan# 5798
Delta R.T. -0.012 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.4	23.2	34.8#
125	24.3	12.6	19.0#

Instrument :
BNA_M
ClientSampleId :
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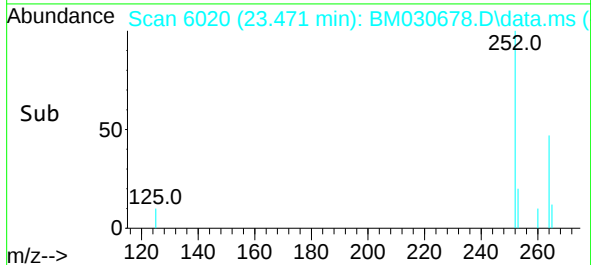
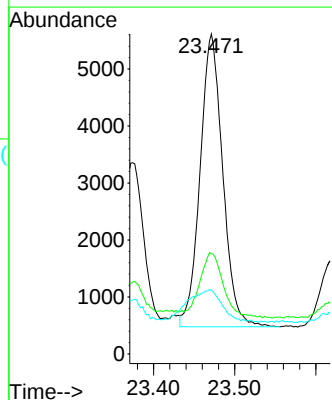
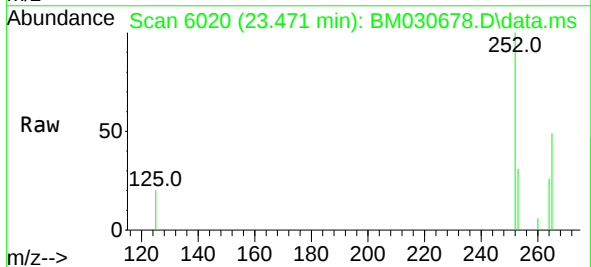
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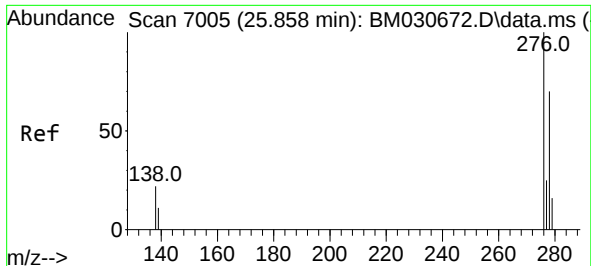
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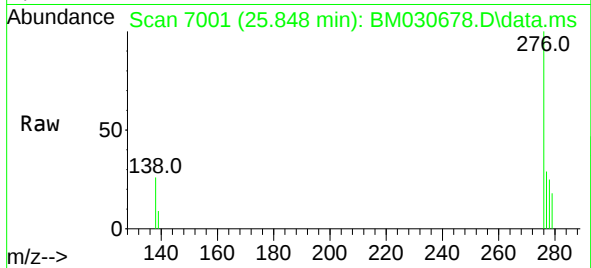
#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.471 min Scan# 6020
Delta R.T. -0.010 min
Lab File: BM030678.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	25.5	38.3
125	20.0	15.8	23.6



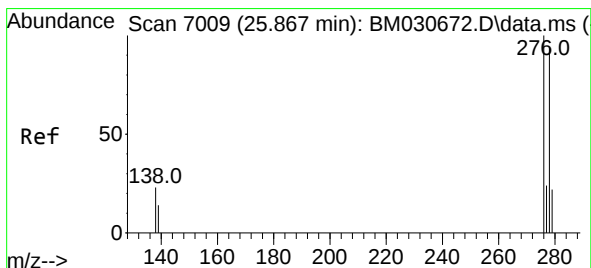
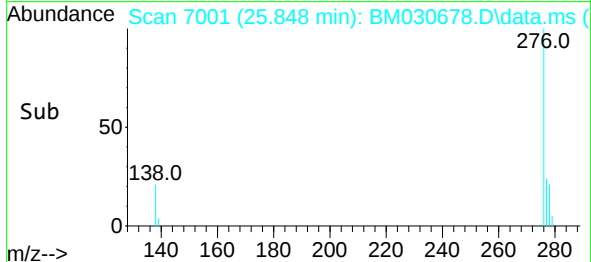
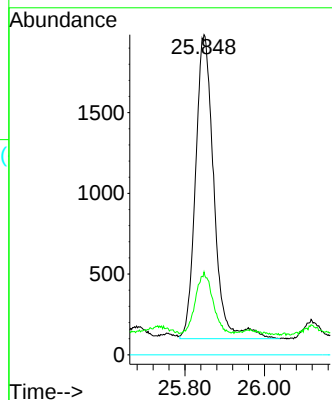


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.015 min
Lab File: BM030678.D
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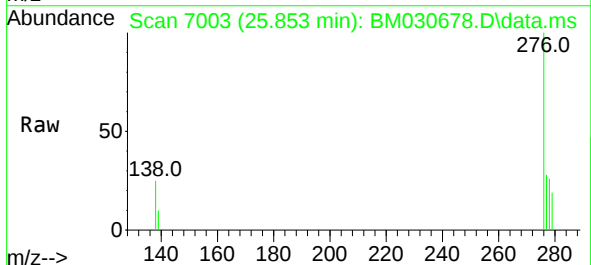


Tgt Ion: 276 Resp: 6028

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.2	27.4
227	0.0	0.0	0.0

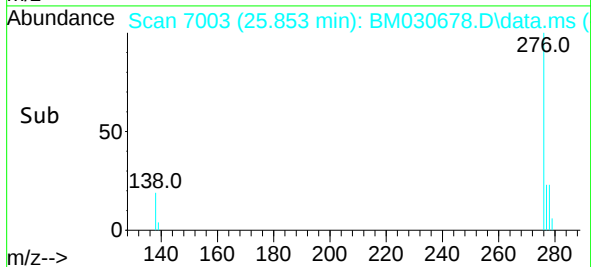
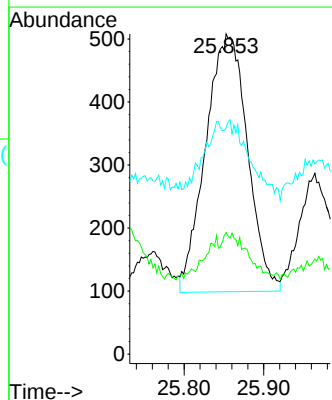


#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.017 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58



Tgt Ion: 278 Resp: 1492

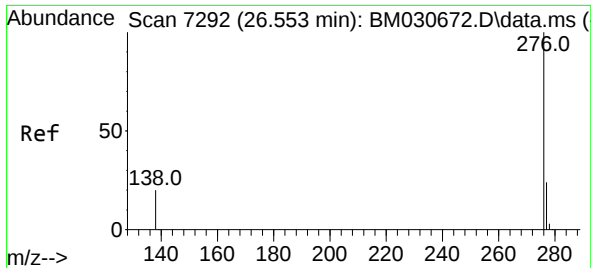
Ion	Ratio	Lower	Upper
278	100		
139	38.0	15.0	22.4#
279	70.7	24.3	36.5#



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#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.548 min Scan# 7290
Delta R.T. -0.010 min
Lab File: BM030678.D
Acq: 29 Jun 2021 06:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	18.1	27.1#
277	29.0	20.9	31.3

Instrument :
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ClientSampleId :
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