

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030671.D
 Acq On : 29 Jun 2021 02:05
 Operator : CG/JU
 Sample : M2680-10DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD36DL

Manual Integrations
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Quant Time: Jun 29 03:07:01 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 02:23:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	10902	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	6018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	11569	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	11097	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	11304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1504	0.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	508	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	1153	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	1686	0.054	ng/ul#	87
10) Acenaphthylene	14.136	152	921	0.034	ng/ul#	81
11) Acenaphthene	14.481	153	1166	0.054	ng/ul	96
12) Fluorene	15.467	166	1322	0.055	ng/ul#	95
15) Phenanthrene	17.197	178	14225	0.366	ng/ul	99
16) Anthracene	17.287	178	4590	0.135	ng/ul	98
19) Fluoranthene	19.207	202	25065	0.512	ng/ul	97
20) Pyrene	19.565	202	23510	0.477	ng/ul	99
21) Benzo(a)anthracene	21.306	228	13079	0.296	ng/ul	94
22) Chrysene	21.357	228	12111	0.244	ng/ul	95
24) Benzo(b)fluoranthene	22.897	252	14653m	0.293	ng/ul	
25) Benzo(k)fluoranthene	22.934	252	5452m	0.106	ng/ul	
26) Benzo(a)pyrene	23.471	252	10905	0.256	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.846	276	6154	0.111	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.858	278	1669	0.037	ng/ul#	35
29) Benzo(g,h,i)perylene	26.551	276	5492	0.114	ng/ul	94

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

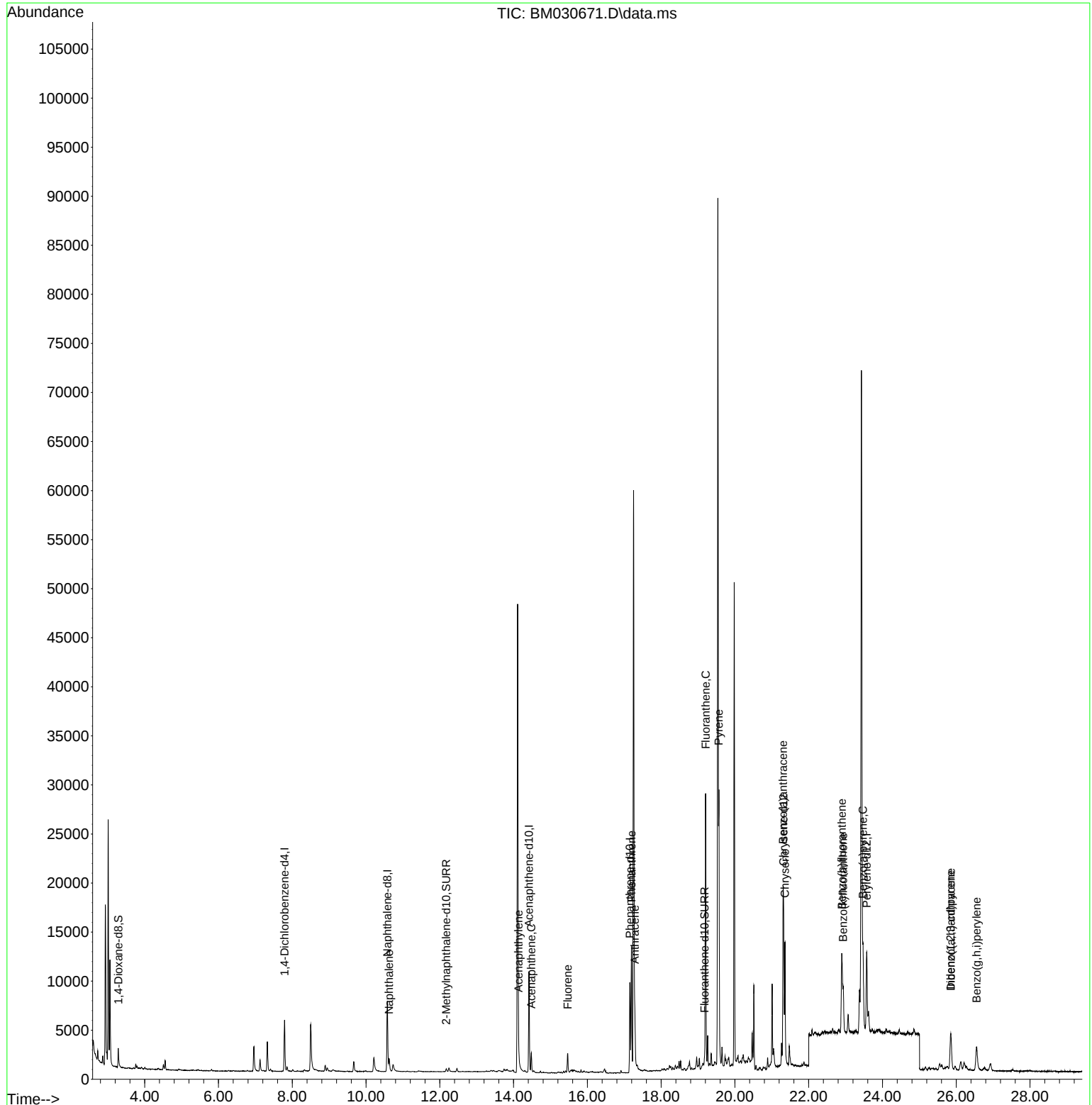
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030671.D
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ALS Vial : 15 Sample Multiplier: 1

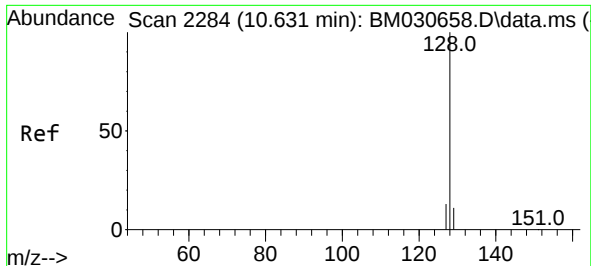
Instrument :
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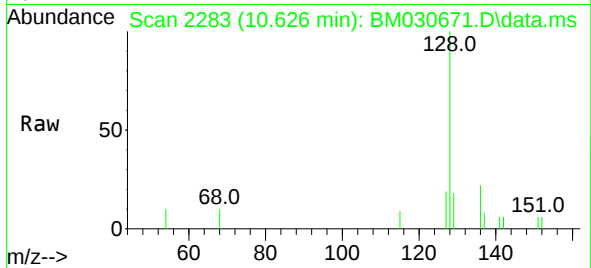
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 02:23:03 2021
Response via : Initial Calibration

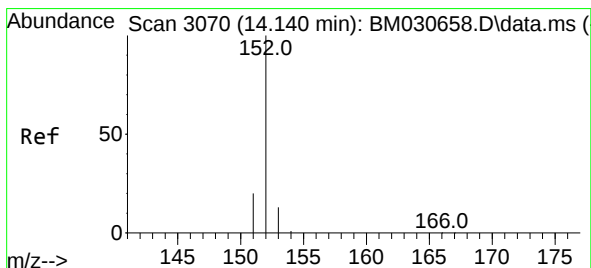
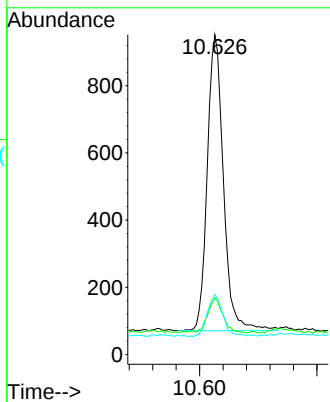
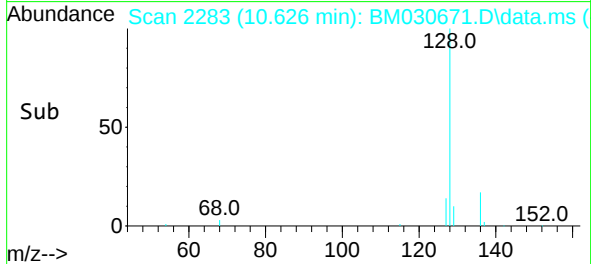




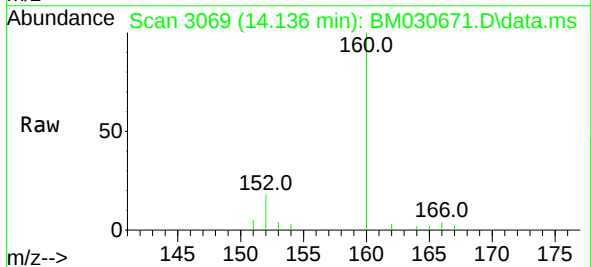
#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



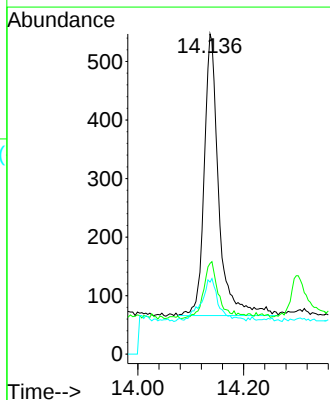
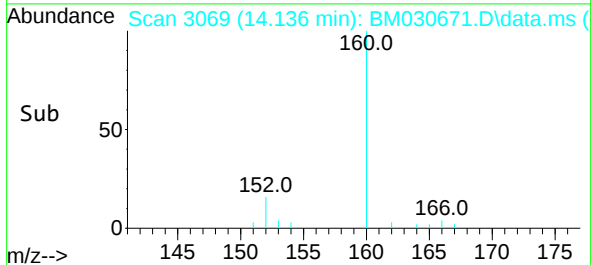
Tgt Ion:128 Resp: 1686
Ion Ratio Lower Upper
128 100
129 17.6 9.5 14.3#
127 18.7 11.2 16.8#



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



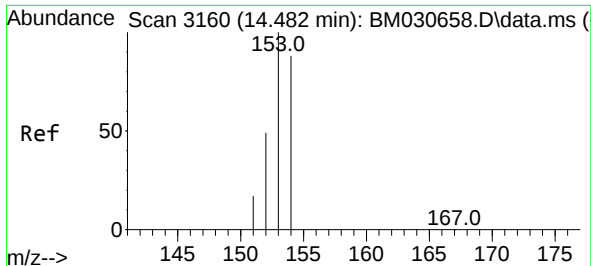
Tgt Ion:152 Resp: 921
Ion Ratio Lower Upper
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151 28.3 16.2 24.4#
153 22.5 11.4 17.0#



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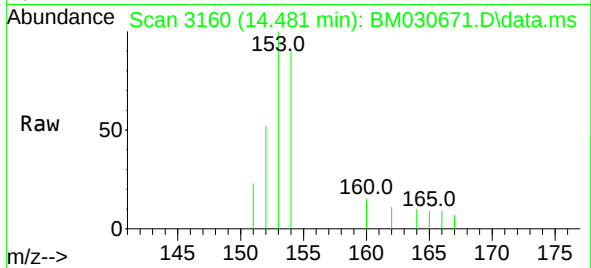
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#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

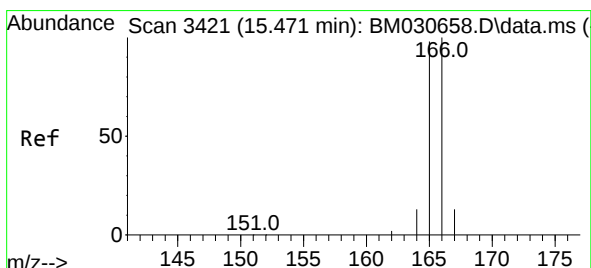
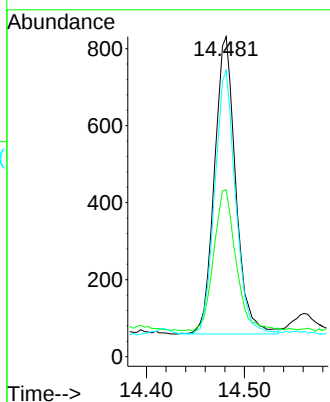
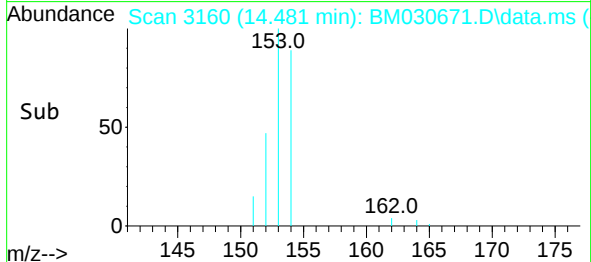
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ClientSampleID :
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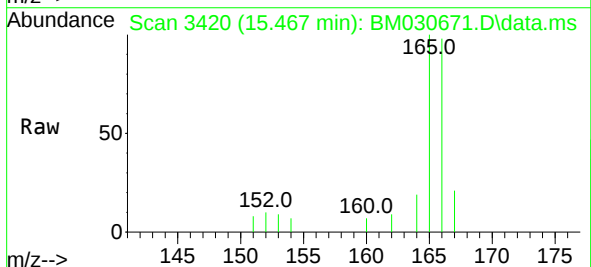
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Ion Ratio Lower Upper
153 100
152 52.1 39.8 59.6
154 89.5 68.7 103.1

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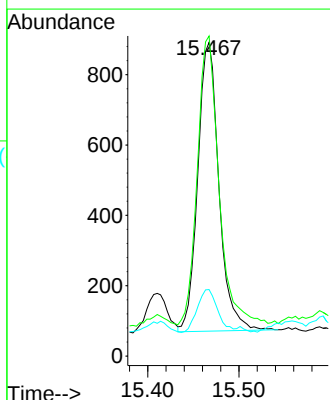
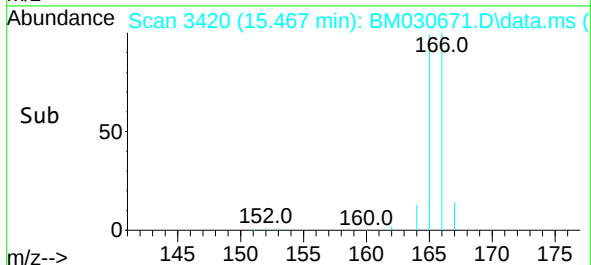
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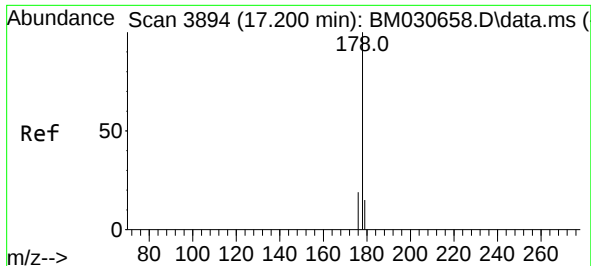


#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.000 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

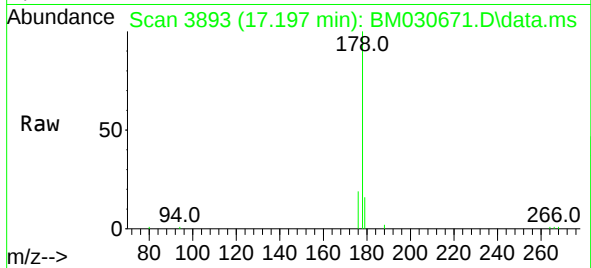


Tgt Ion:166 Resp: 1322
Ion Ratio Lower Upper
166 100
165 102.0 79.1 118.7
167 21.2 12.2 18.2#

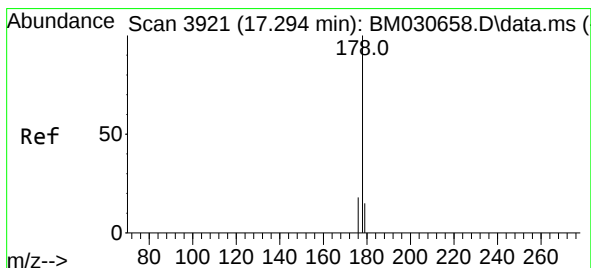
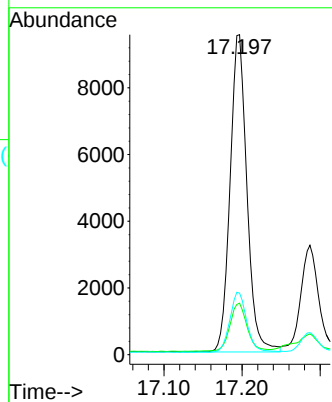
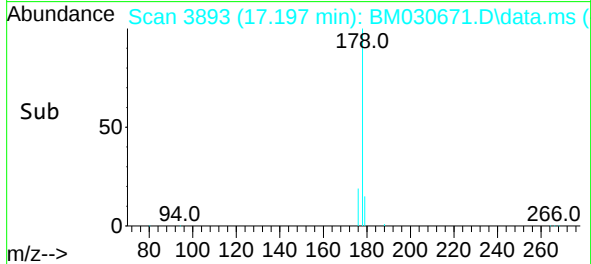




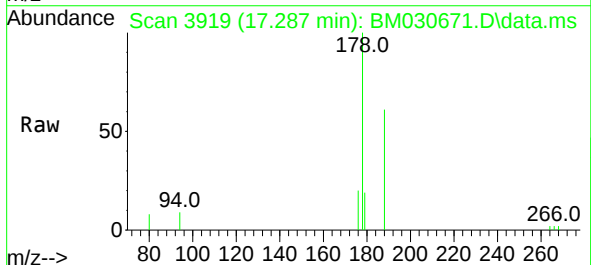
#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.003 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



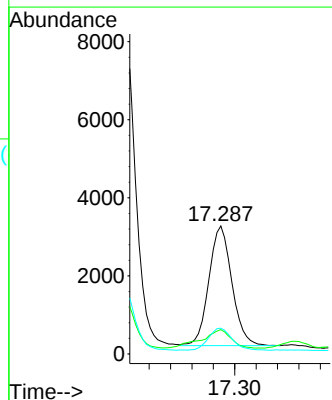
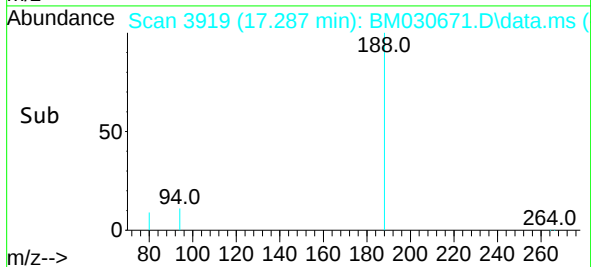
Tgt Ion:178 Resp: 14225
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.135 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



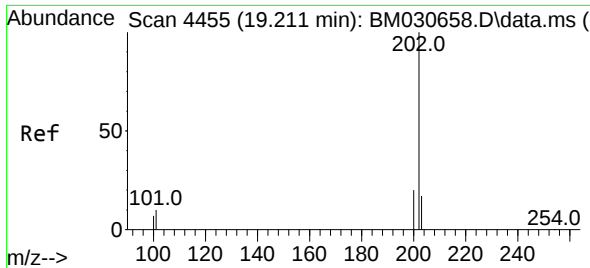
Tgt Ion:178 Resp: 4590
Ion Ratio Lower Upper
178 100
179 19.0 14.0 21.0
176 20.2 15.8 23.6



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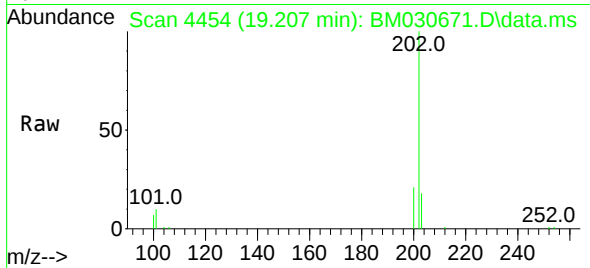
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#19
Fluoranthene
Concen: 0.512 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

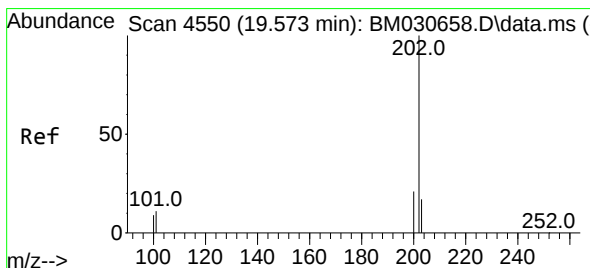
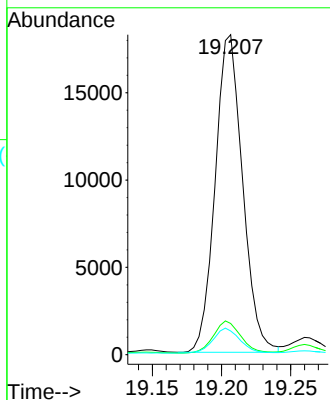
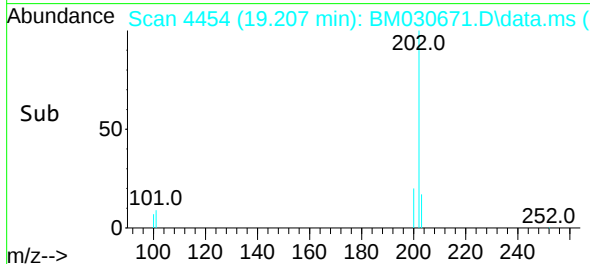
Instrument :
BNA_M
ClientSampleID :
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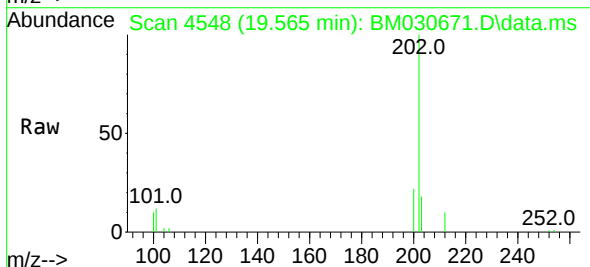
Tgt Ion:202 Resp: 25065
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 7.4 6.6 9.8

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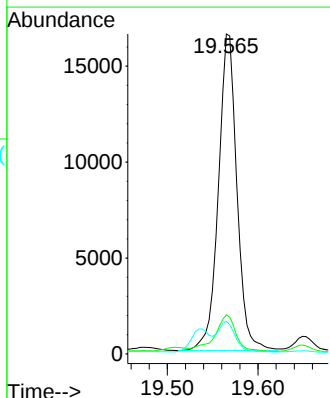
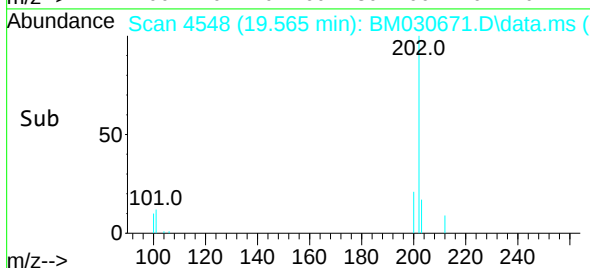
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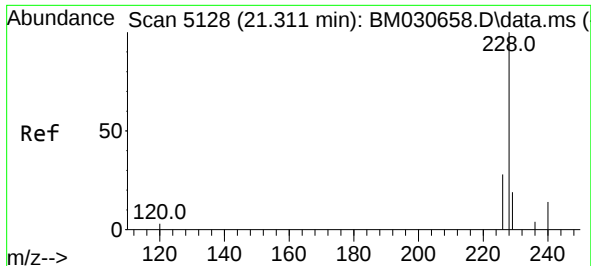


#20
Pyrene
Concen: 0.477 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



Tgt Ion:202 Resp: 23510
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.4
100 10.3 8.5 12.7





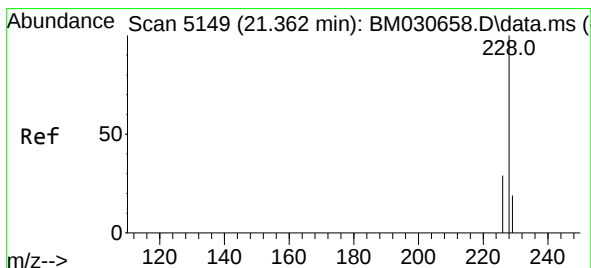
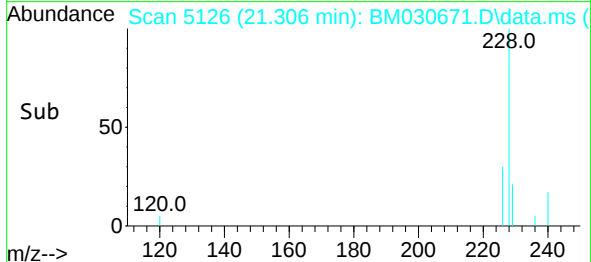
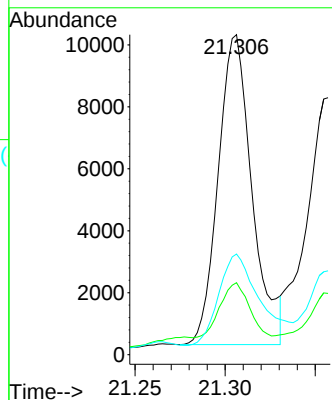
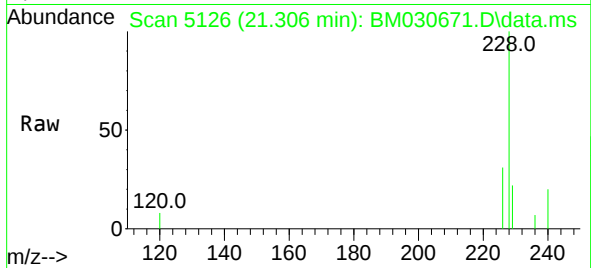
#21
Benzo(a)anthracene
Concen: 0.296 ng/uI
RT: 21.306 min Scan# 5126
Delta R.T. -0.002 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	228	Resp:	13079
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.2
226	31.5	22.2	33.4

Instrument :
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ClientSampleID :
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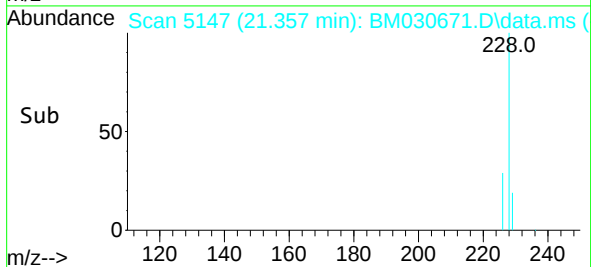
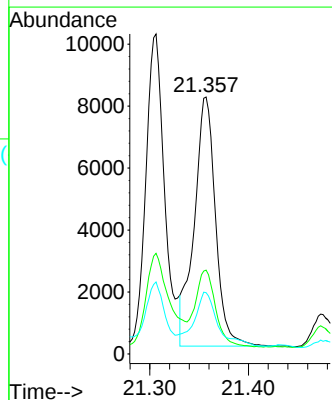
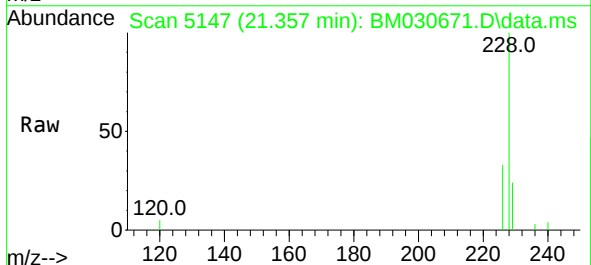
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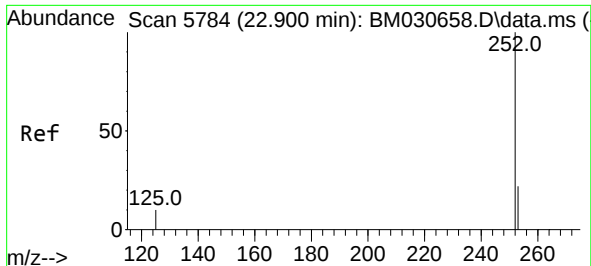
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#22
Chrysene
Concen: 0.244 ng/uI
RT: 21.357 min Scan# 5147
Delta R.T. -0.005 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	228	Resp:	12111
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.9	37.3
229	23.8	16.2	24.2





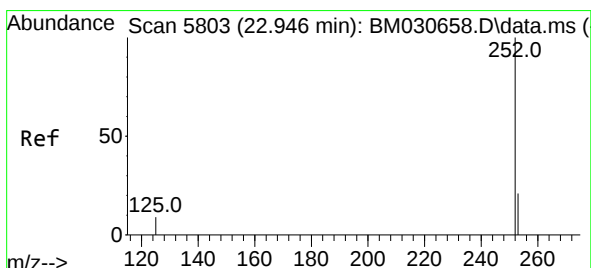
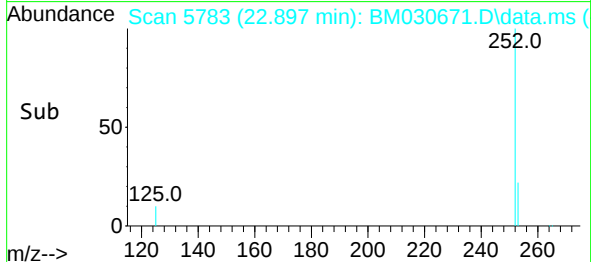
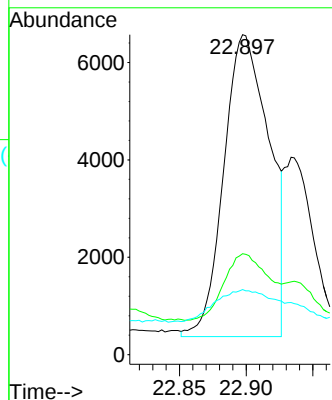
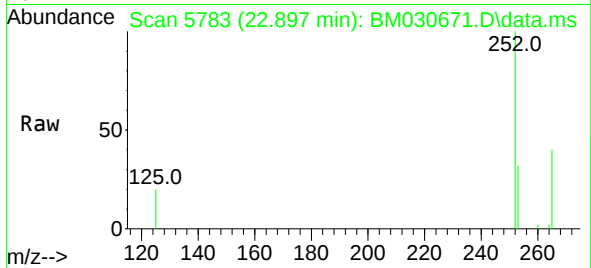
#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.897 min Scan# 5783
Delta R.T. -0.002 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	252	Resp:	14653
Ion Ratio	Lower	Upper	
252	100		
253	31.5	0.0	57.8
125	20.4	0.0	33.2

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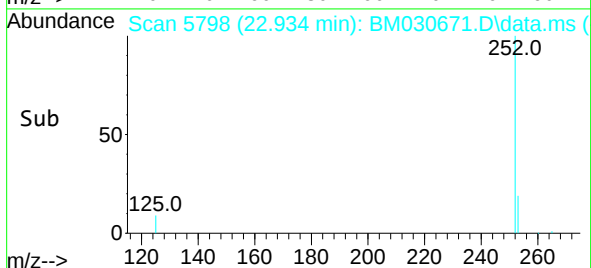
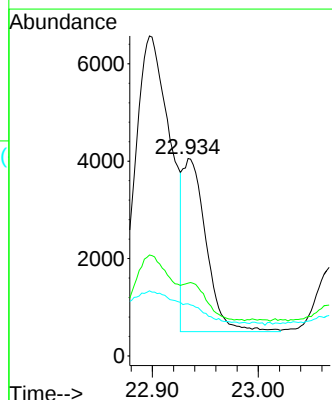
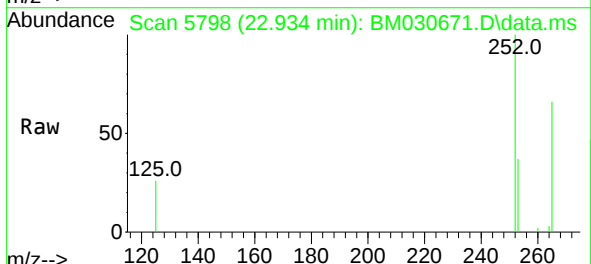
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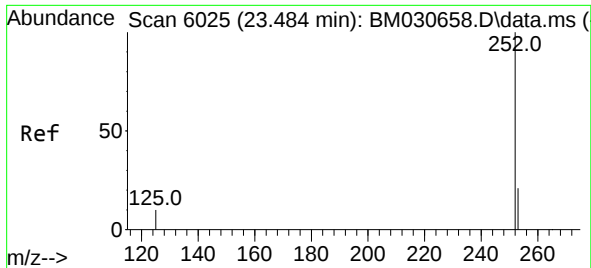
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#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.934 min Scan# 5798
Delta R.T. -0.012 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	252	Resp:	5452
Ion Ratio	Lower	Upper	
252	100		
253	36.9	23.2	34.8#
125	26.4	12.6	19.0#





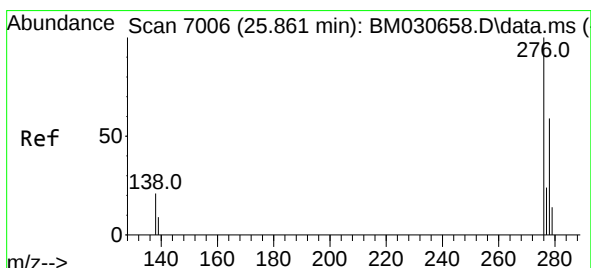
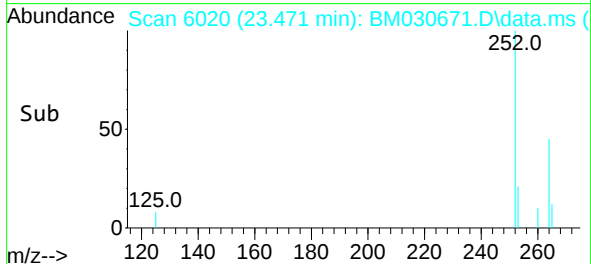
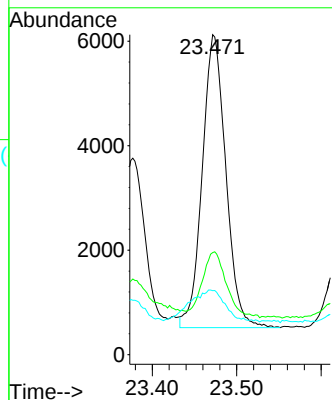
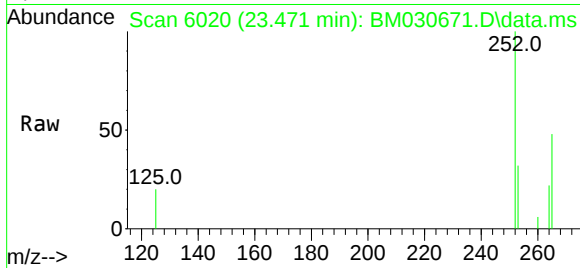
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Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.471 min Scan# 6020
Delta R.T. -0.010 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	252	Resp:	10905
Ion Ratio	Lower	Upper	
252	100		
253	31.9	25.5	38.3
125	20.0	15.8	23.6

Instrument :
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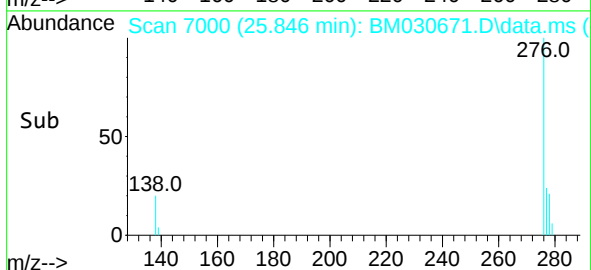
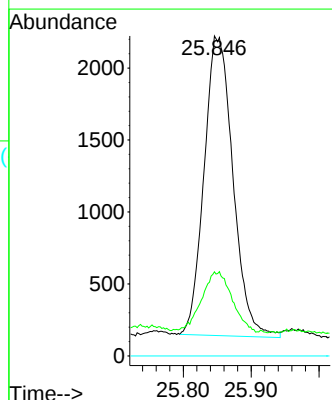
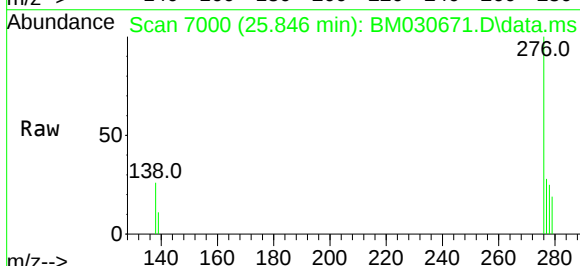
Manual Integrations
APPROVED

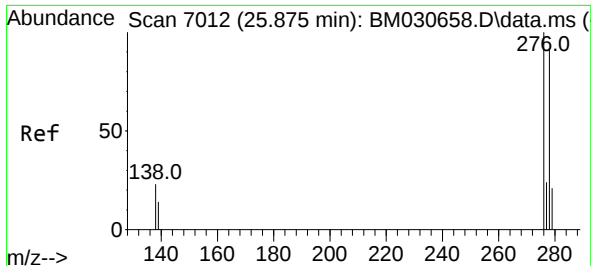
mohammad
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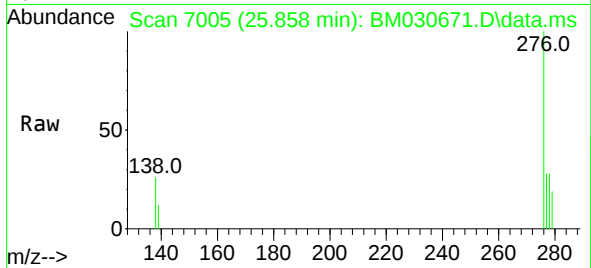
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.017 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05

Tgt Ion:	276	Resp:	6154
Ion Ratio	Lower	Upper	
276	100		
138	21.2	18.2	27.4
227	0.0	0.0	0.0

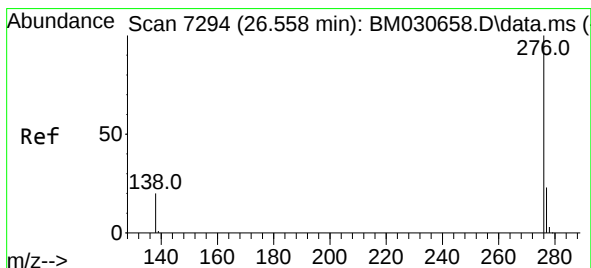
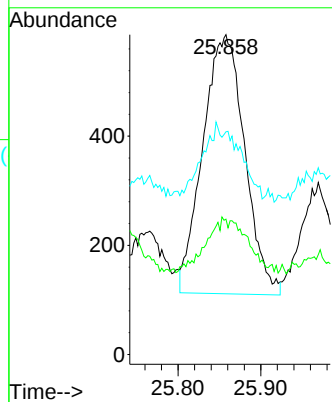
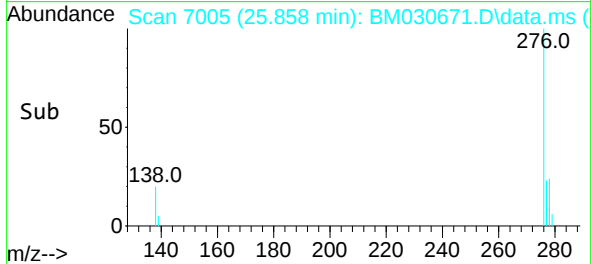




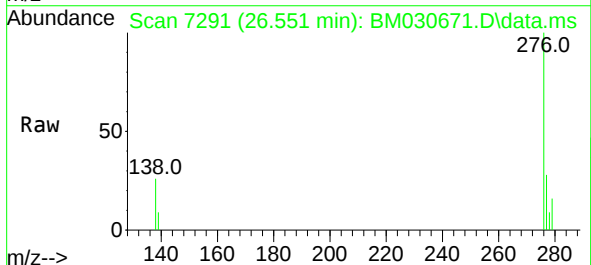
#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.012 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



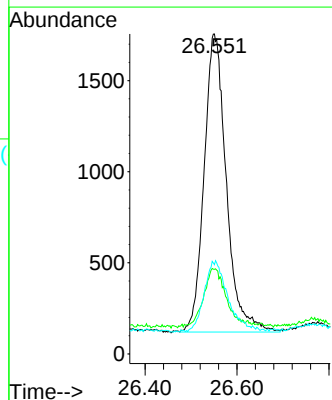
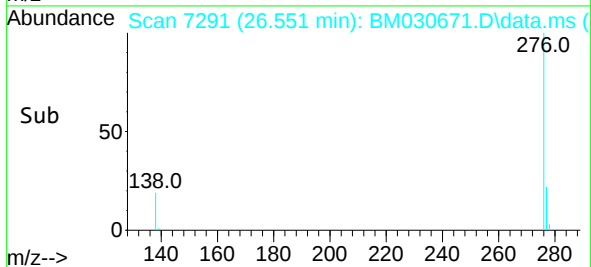
Tgt Ion:278 Resp: 1669
Ion Ratio Lower Upper
278 100
139 42.3 15.0 22.4#
279 69.6 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 26.551 min Scan# 7291
Delta R.T. -0.007 min
Lab File: BM030671.D
Acq: 29 Jun 2021 02:05



Tgt Ion:276 Resp: 5492
Ion Ratio Lower Upper
276 100
138 26.4 18.1 27.1
277 27.9 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGD36DL

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