

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

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Quant Time: Jun 25 12:26:31 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	7.798	152	4522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	17746	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.424	164	12708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	16155	0.400	ng/ul #	0.00
17) Chrysene-d12	21.345	240	13105m	0.400	ng/ul	0.01
23) Perylene-d12	23.609	264	11724m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	16309	3.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	6788	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	8219m	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.629	128	652971	12.369	ng/ul	99
7) 2-Methylnaphthalene	12.244	142	82254	2.309	ng/ul	100
8) 1-Methylnaphthalene	12.464	142	75196	2.173	ng/ul	99
10) Acenaphthylene	14.144	152	2150317	36.157	ng/ul	99
11) Acenaphthene	14.485	153	1115893	23.032	ng/ul	98
12) Fluorene	15.475	166	2518908	46.948	ng/ul	100
15) Phenanthrene	17.221	178	19096907	331.994	ng/ul#	79
16) Anthracene	17.308	178	9149775	181.566	ng/ul#	91
19) Fluoranthene	19.233	202	21435236	355.787	ng/ul#	82
20) Pyrene	19.591	202	11701097	189.578	ng/ul#	88
21) Benzo(a)anthracene	21.328	228	11553235	221.931	ng/ul#	75
22) Chrysene	21.381	228	8744527	151.310	ng/ul#	81
24) Benzo(b)fluoranthene	22.936	252	11496704m	225.432	ng/ul	
25) Benzo(k)fluoranthene	22.970	252	4974266m	92.995	ng/ul	
26) Benzo(a)pyrene	23.500	252	2291392	50.630	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.889	276	2266132	39.378	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.892	278	1579976	34.422	ng/ul	94
29) Benzo(g,h,i)perylene	26.592	276	56059	1.128	ng/ul#	63

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

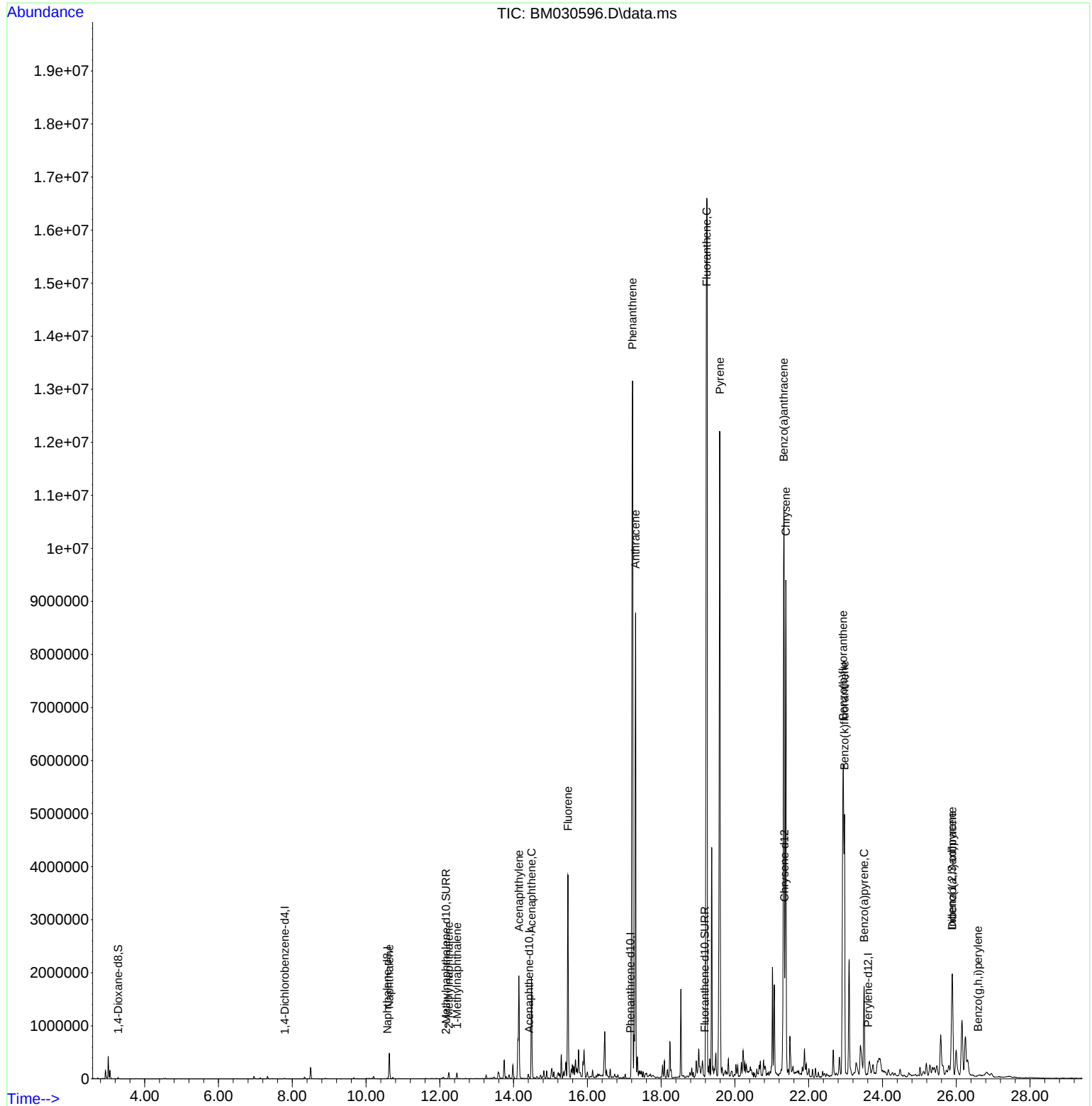
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030596.D
Acq On : 25 Jun 2021 11:42
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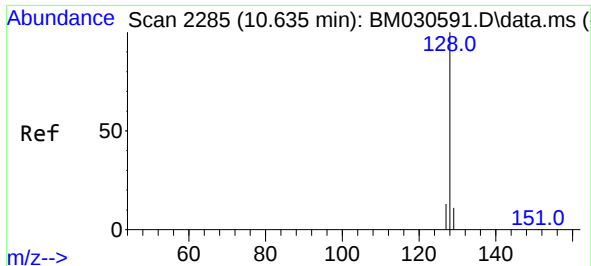
Instrument :
BNA_M
ClientSampleId :
BGDF4

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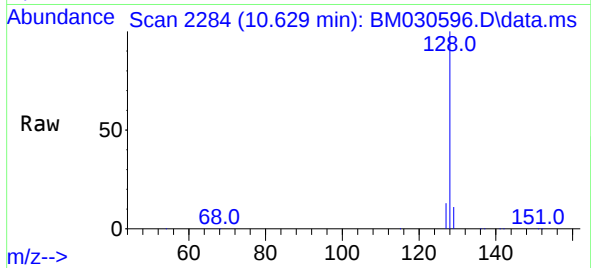
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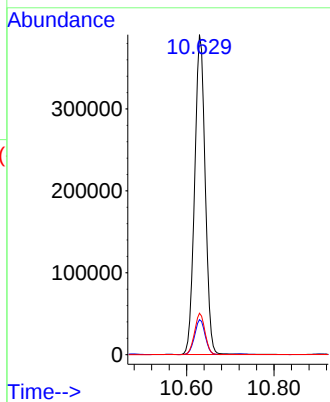
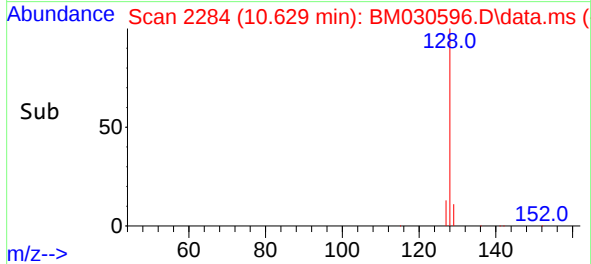




#5
Naphthalene
Concen: 12.369 ng/ul
RT: 10.629 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



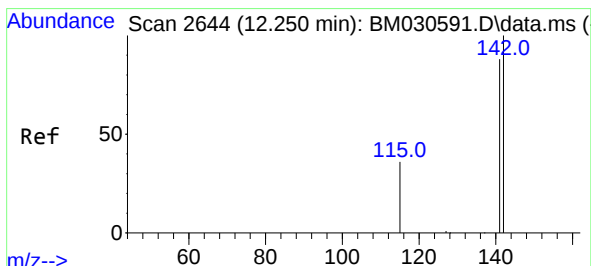
Tgt Ion:128 Resp: 652971
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.9 16.3



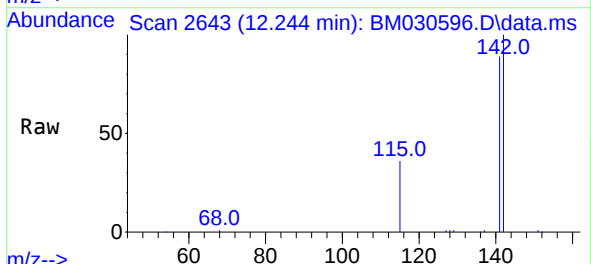
Instrument :
BNA_M
ClientSampled :
BGDF4

Manual Integrations
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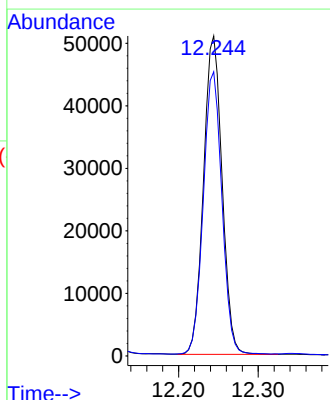
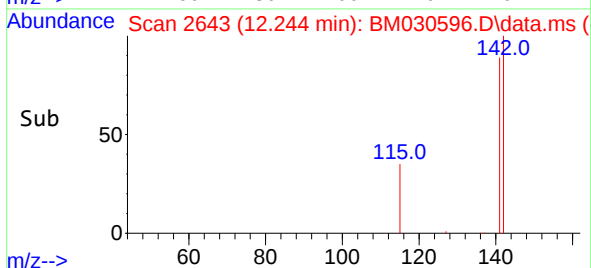
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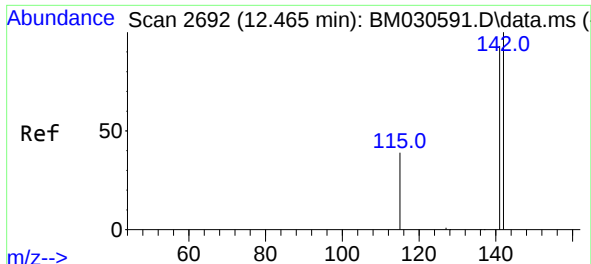


#7
2-Methylnaphthalene
Concen: 2.309 ng/ul
RT: 12.244 min Scan# 2643
Delta R.T. -0.005 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



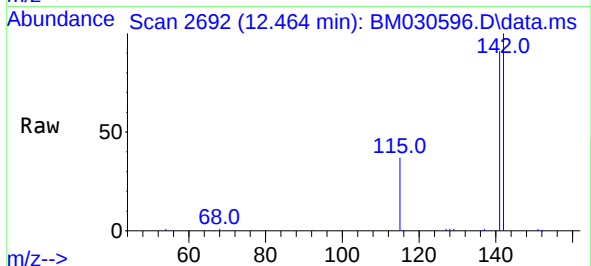
Tgt Ion:142 Resp: 82254
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#8
1-Methylnaphthalene
Concen: 2.173 ng/ul
RT: 12.464 min Scan# 2692
Delta R.T. -0.001 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42

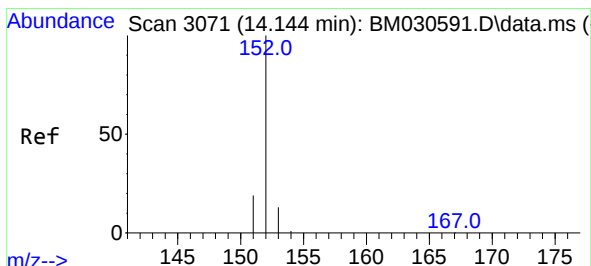
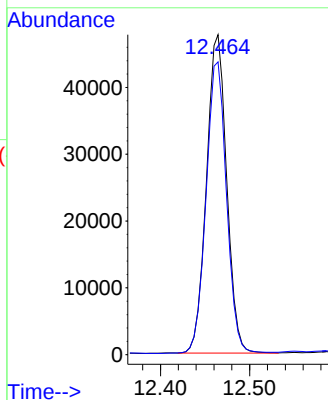
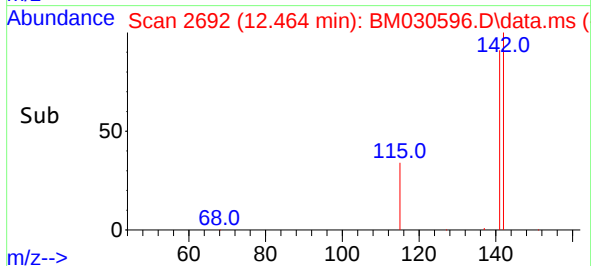
Instrument :
BNA_M
ClientSampled :
BGDF4



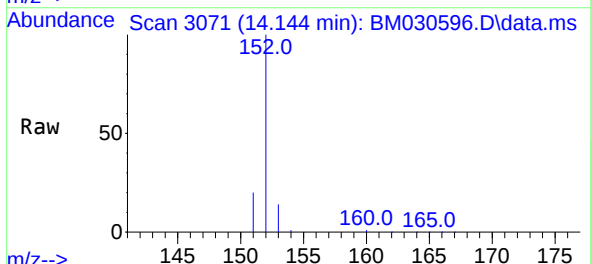
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Ion Ratio Lower Upper
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141 93.0 73.4 110.0

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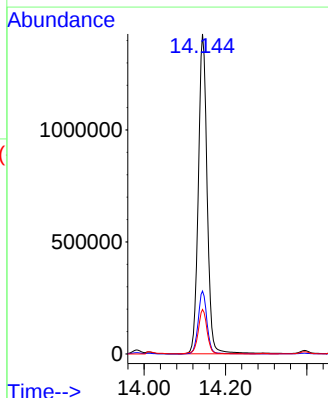
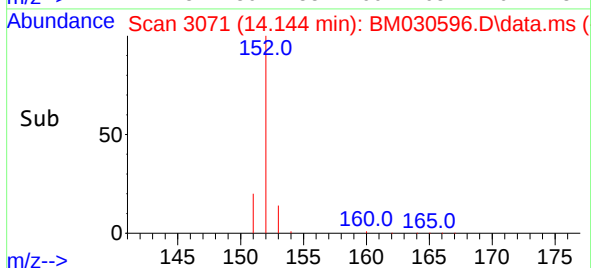
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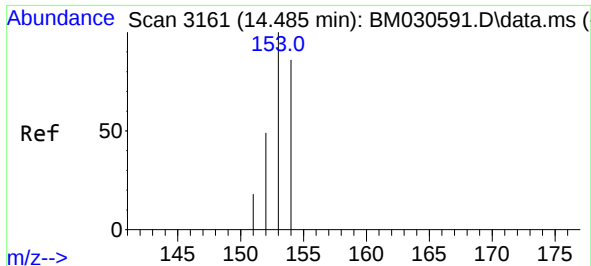


#10
Acenaphthylene
Concen: 36.157 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



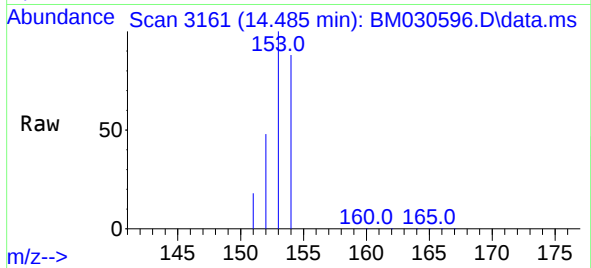
Tgt Ion:152 Resp: 2150317
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.9 10.7 16.1





#11
Acenaphthene
Concen: 23.032 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42

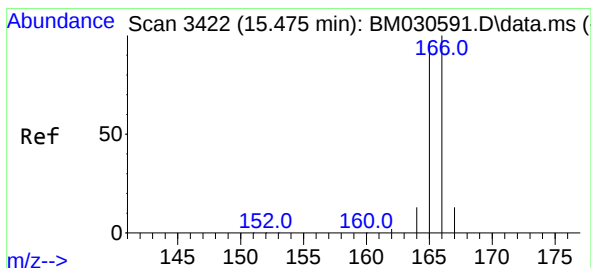
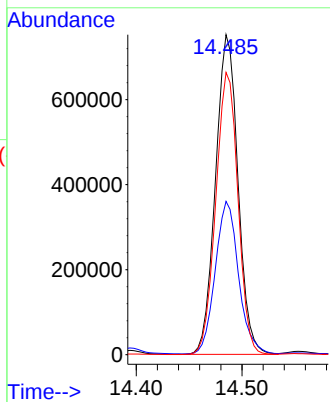
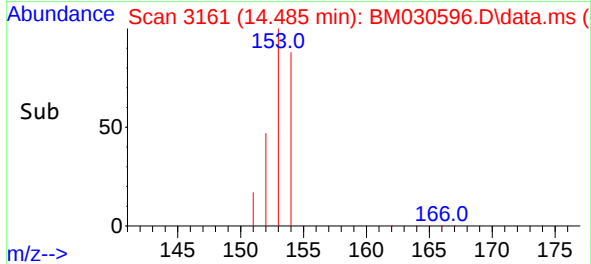
Instrument :
BNA_M
ClientSampled :
BGDF4



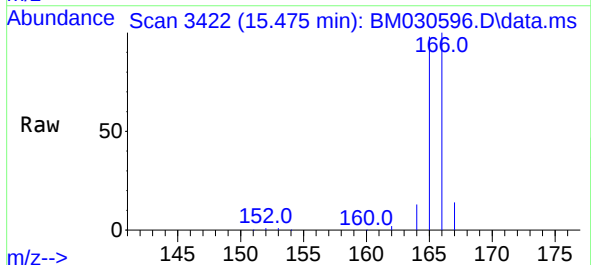
Tgt Ion:153 Resp: 1115893
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.2
154 88.2 71.2 106.8

Manual Integrations
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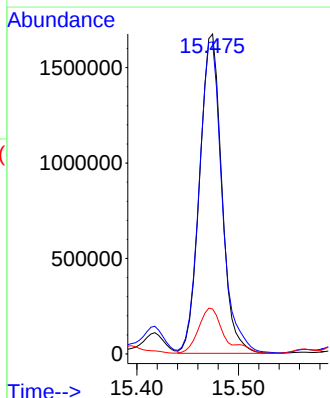
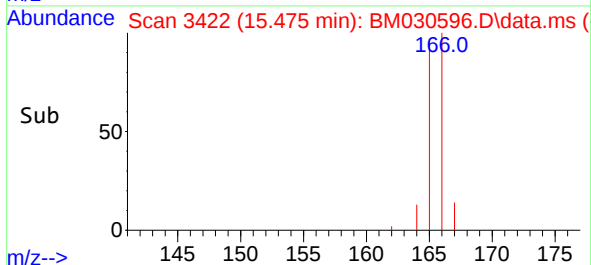
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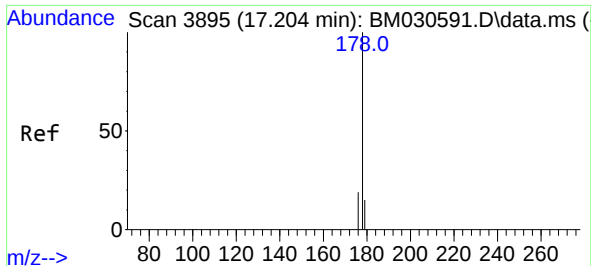


#12
Fluorene
Concen: 46.948 ng/ul
RT: 15.475 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42

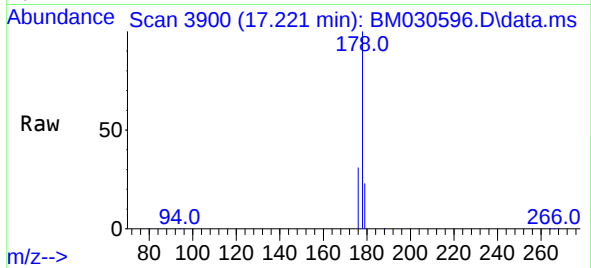


Tgt Ion:166 Resp: 2518908
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 14.0 11.3 16.9

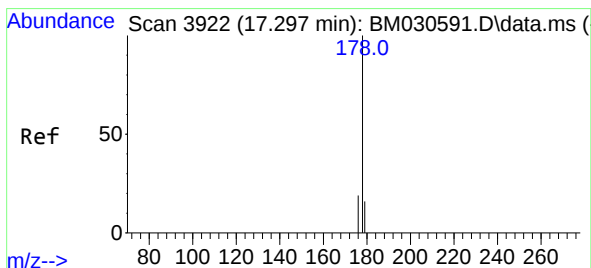
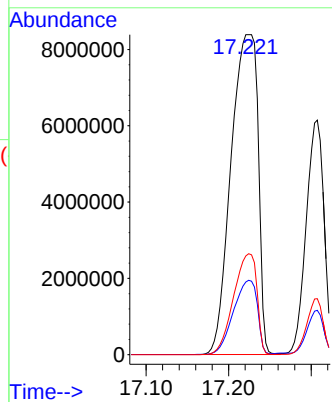
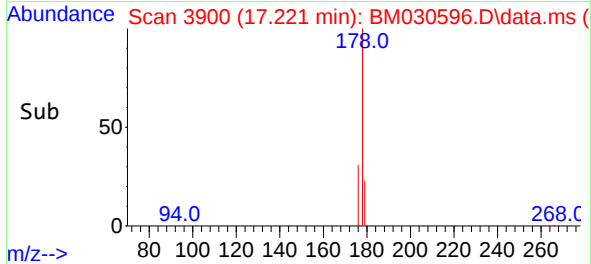




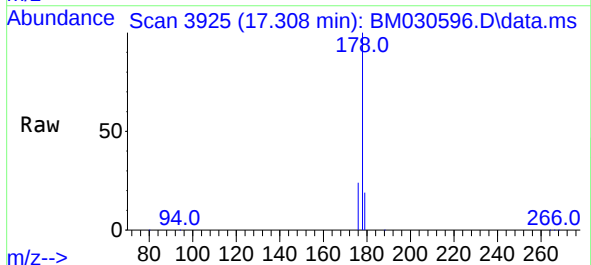
#15
Phenanthrene
Concen: 331.994 ng/u1
RT: 17.221 min Scan# 3900
Delta R.T. 0.017 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



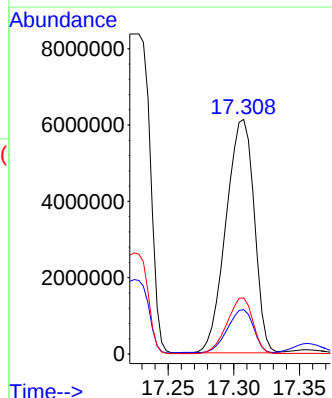
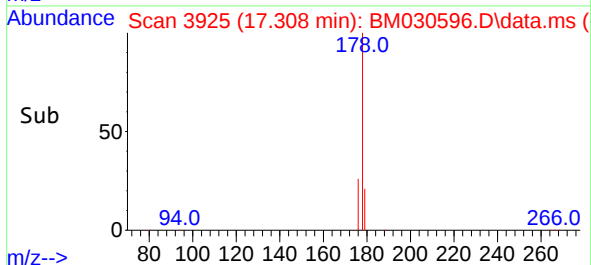
Tgt Ion:178 Resp:19096907
Ion Ratio Lower Upper
178 100
179 22.7 12.6 19.0#
176 30.9 15.5 23.3#



#16
Anthracene
Concen: 181.566 ng/u1
RT: 17.308 min Scan# 3925
Delta R.T. 0.010 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



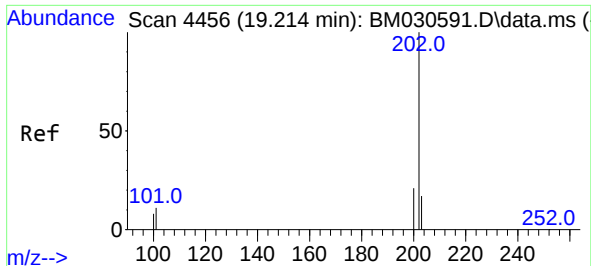
Tgt Ion:178 Resp: 9149775
Ion Ratio Lower Upper
178 100
179 18.9 12.7 19.1
176 23.9 15.2 22.8#



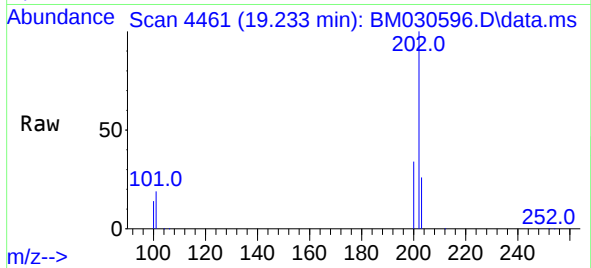
Instrument :
BNA_M
ClientSampled :
BGDF4

Manual Integrations
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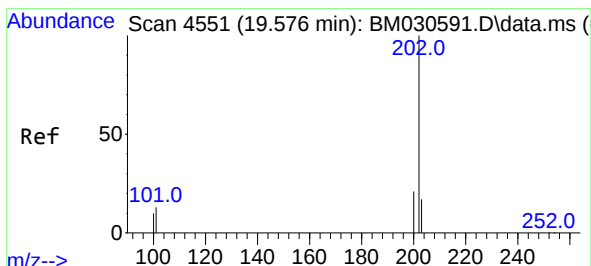
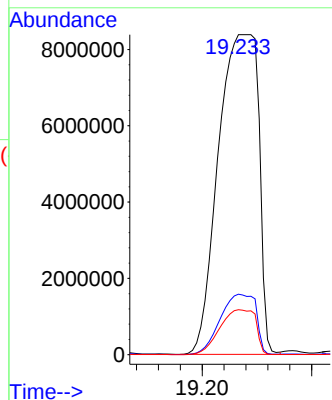
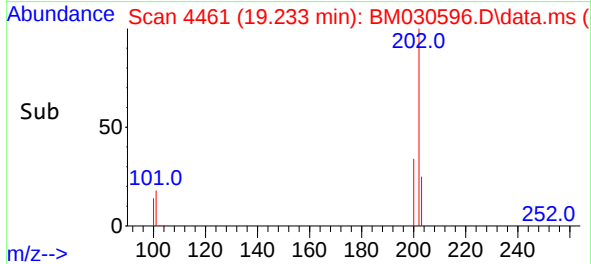
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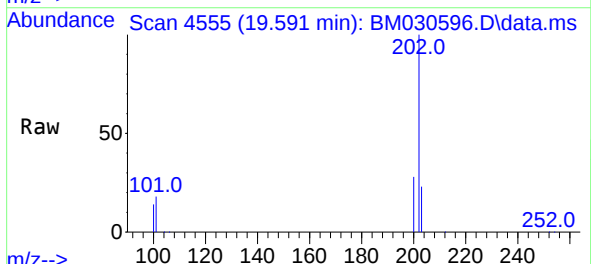
#19
Fluoranthene
Concen: 355.787 ng/u1
RT: 19.233 min Scan# 4461
Delta R.T. 0.019 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



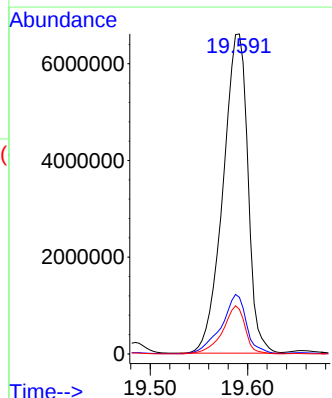
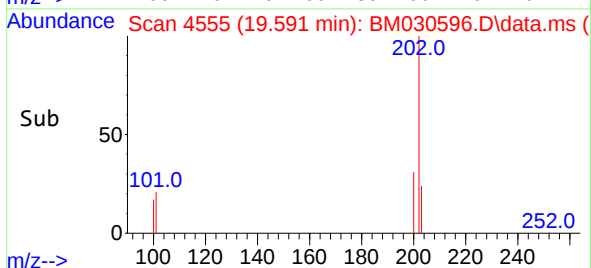
Tgt Ion:202 Resp:21435236
Ion Ratio Lower Upper
202 100
101 18.9 8.8 13.2#
100 14.1 6.9 10.3#



#20
Pyrene
Concen: 189.578 ng/u1
RT: 19.591 min Scan# 4555
Delta R.T. 0.015 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



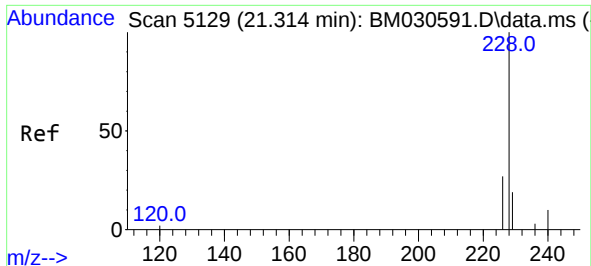
Tgt Ion:202 Resp:11701097
Ion Ratio Lower Upper
202 100
101 17.7 10.1 15.1#
100 14.0 8.2 12.2#



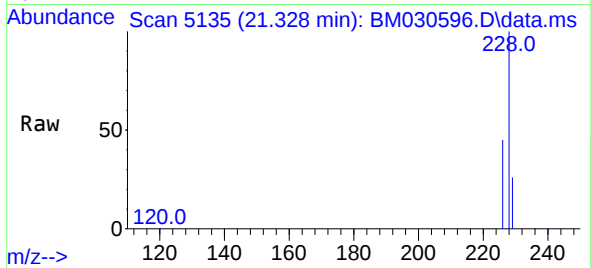
Instrument :
BNA_M
ClientSampled :
BGDF4

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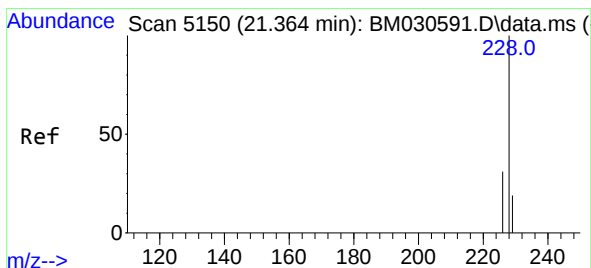
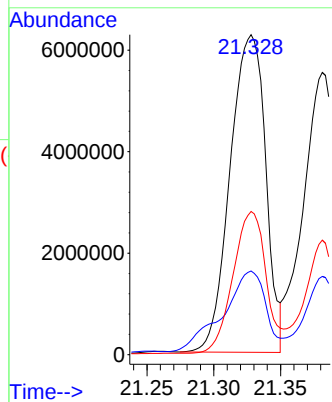
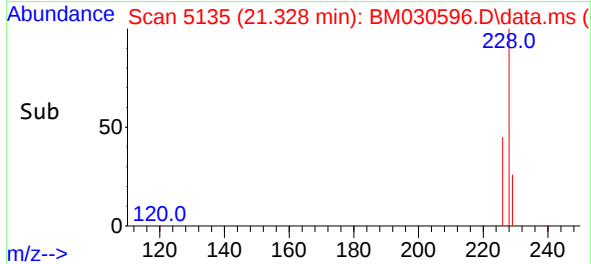
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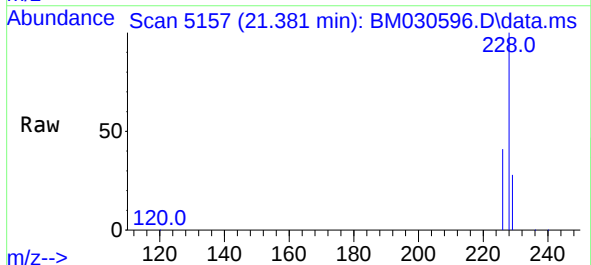
#21
Benzo(a)anthracene
Concen: 221.931 ng/u1
RT: 21.328 min Scan# 5135
Delta R.T. 0.014 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



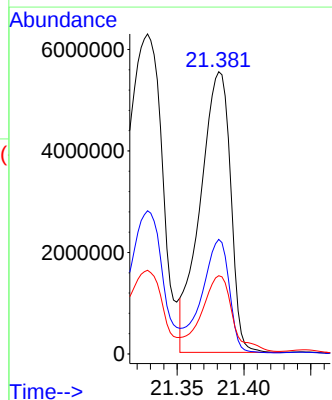
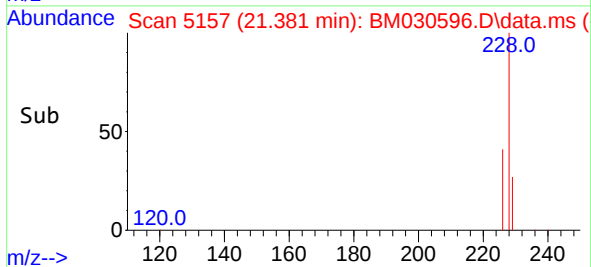
Tgt Ion:228 Resp:11553235
Ion Ratio Lower Upper
228 100
229 26.2 15.8 23.6#
226 44.8 22.2 33.4#



#22
Chrysene
Concen: 151.310 ng/u1
RT: 21.381 min Scan# 5157
Delta R.T. 0.017 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



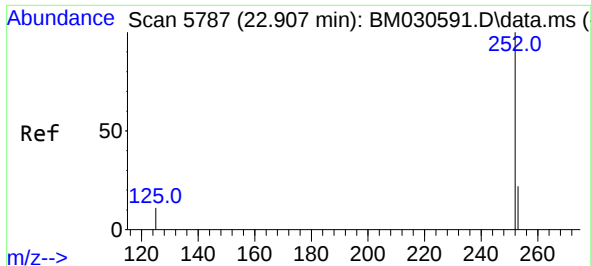
Tgt Ion:228 Resp: 8744527
Ion Ratio Lower Upper
228 100
226 40.6 24.4 36.6#
229 27.7 15.4 23.0#



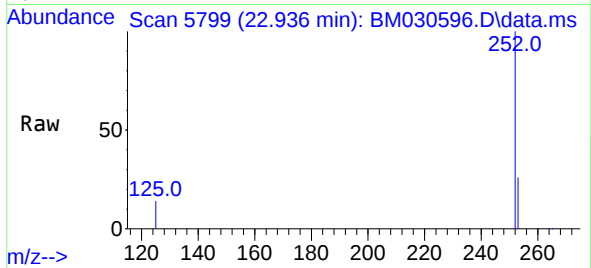
Instrument :
BNA_M
ClientSampled :
BGDF4

Manual Integrations
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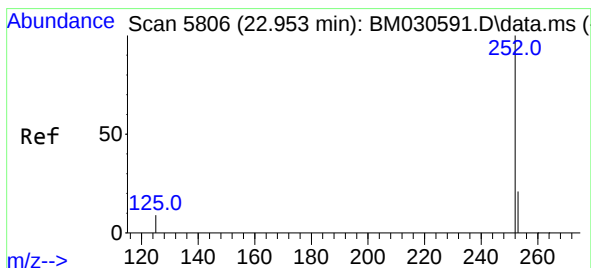
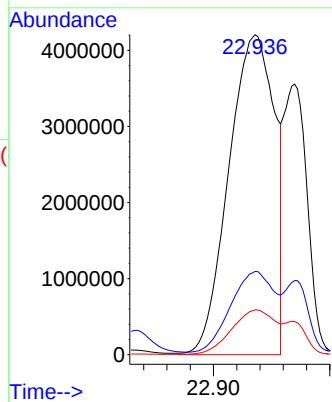
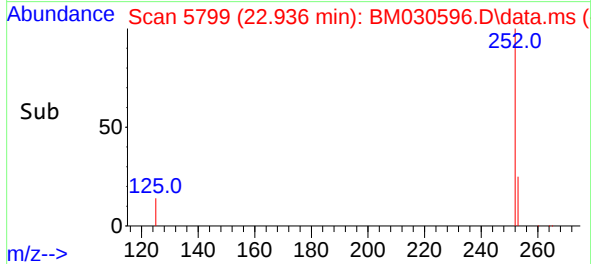
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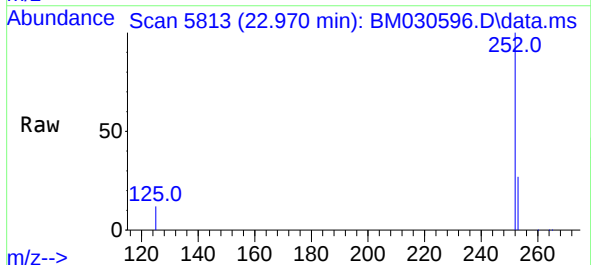
#24
Benzo(b)fluoranthene
Concen: 225.432 ng/ul m
RT: 22.936 min Scan# 5799
Delta R.T. 0.029 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



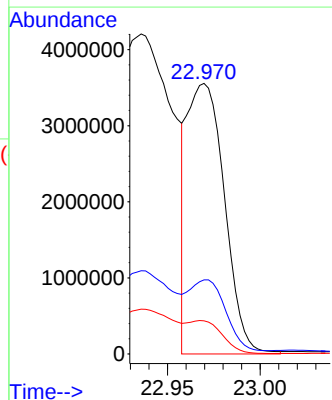
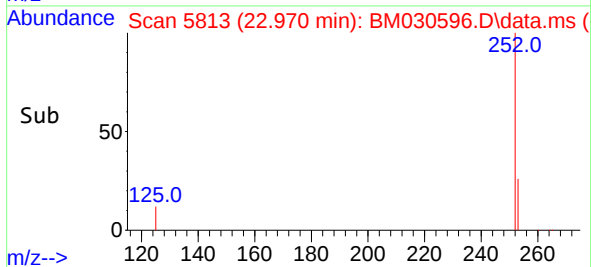
Tgt Ion:252 Resp:11496704
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.2
125 14.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 92.995 ng/ul m
RT: 22.970 min Scan# 5813
Delta R.T. 0.017 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



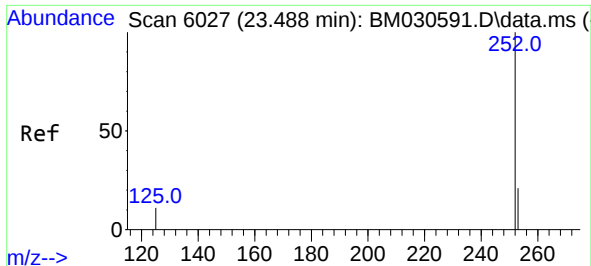
Tgt Ion:252 Resp: 4974266
Ion Ratio Lower Upper
252 100
253 27.4 20.6 31.0
125 12.2 11.0 16.4



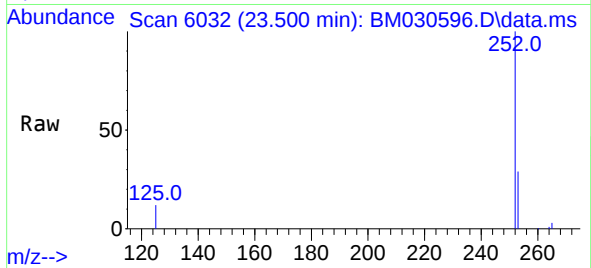
Instrument :
BNA_M
ClientSampleId :
BGDF4

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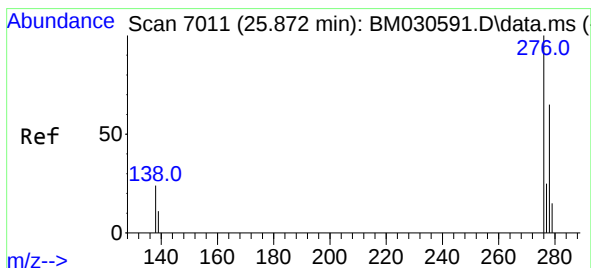
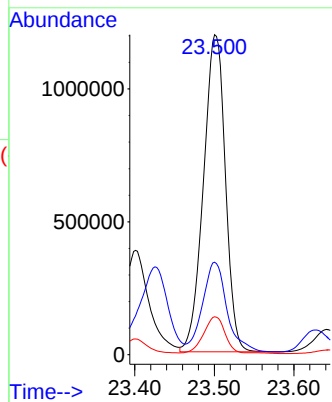
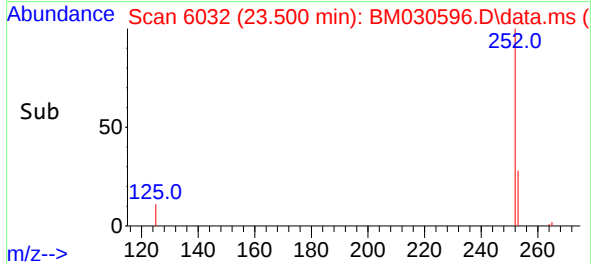
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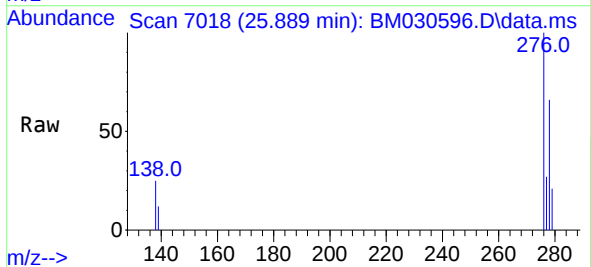
#26
Benzo(a)pyrene
Concen: 50.630 ng/ul
RT: 23.500 min Scan# 6032
Delta R.T. 0.012 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



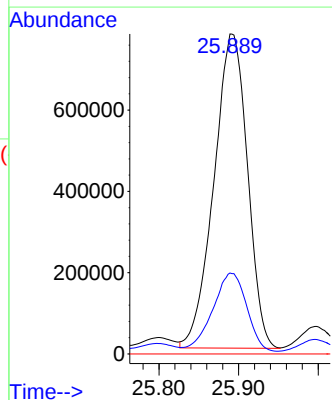
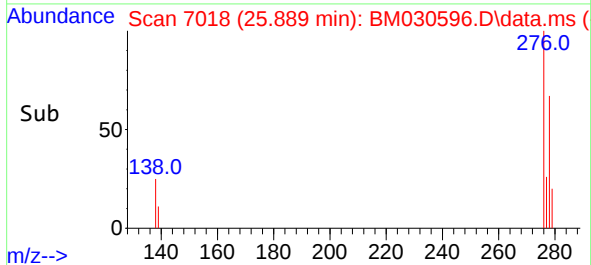
Tgt Ion:252 Resp: 2291392
Ion Ratio Lower Upper
252 100
253 28.9 22.0 33.0
125 11.9 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 39.378 ng/ul
RT: 25.889 min Scan# 7018
Delta R.T. 0.017 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



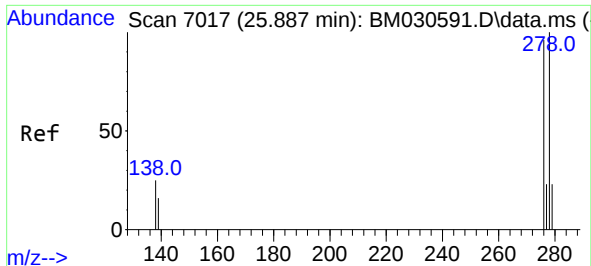
Tgt Ion:276 Resp: 2266132
Ion Ratio Lower Upper
276 100
138 25.1 19.1 28.7
227 0.0 0.0 0.0



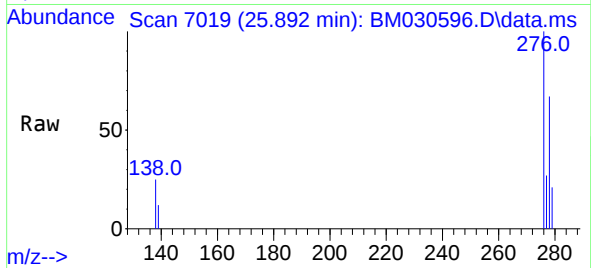
Instrument :
BNA_M
ClientSampleId :
BGDF4

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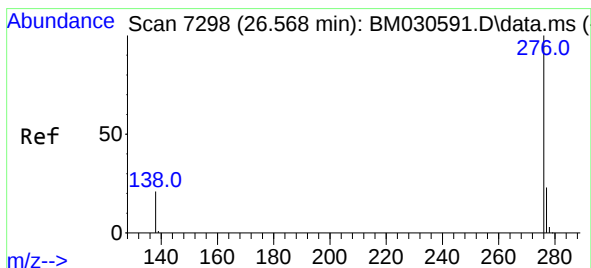
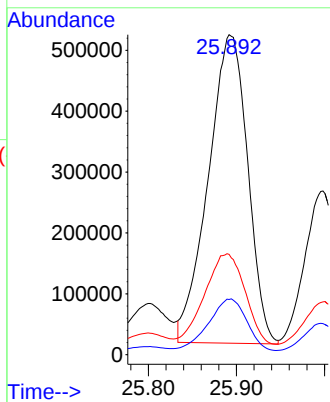
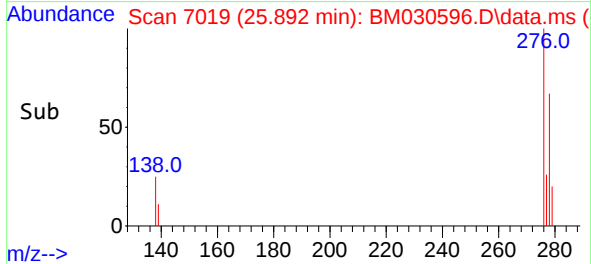
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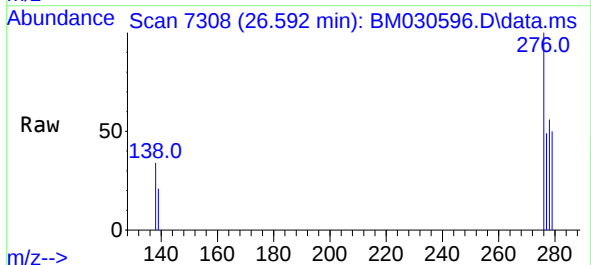
#28
Dibenzo(a,h)anthracene
Concen: 34.422 ng/ul
RT: 25.892 min Scan# 7019
Delta R.T. 0.005 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



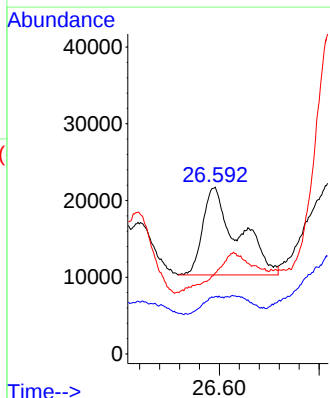
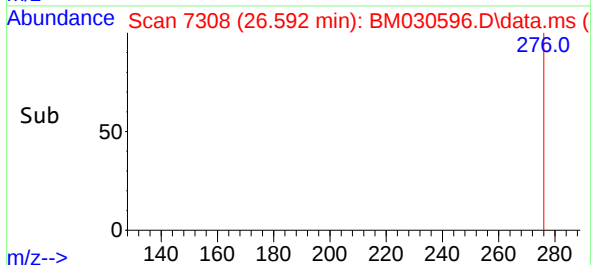
Tgt Ion:278 Resp: 1579976
Ion Ratio Lower Upper
278 100
139 17.3 14.2 21.4
279 31.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 1.128 ng/ul
RT: 26.592 min Scan# 7308
Delta R.T. 0.024 min
Lab File: BM030596.D
Acq: 25 Jun 2021 11:42



Tgt Ion:276 Resp: 56059
Ion Ratio Lower Upper
276 100
138 34.4 18.0 27.0#
277 48.6 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDF4

Manual Integrations
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