

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030602.D
 Acq On : 25 Jun 2021 15:22
 Operator : CG/JU
 Sample : M2662-04DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL

Manual Integrations
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Quant Time: Jun 25 15:52:23 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 12:45:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	4619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	18915	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.424	164	12079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	22705	0.400	ng/ul	0.00
17) Chrysene-d12	21.332	240	16564	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	17339	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	2681	0.543	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	1234	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	1272m	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.634	128	111660	1.984	ng/ul	99
7) 2-Methylnaphthalene	12.244	142	14510	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	13392	0.363	ng/ul	99
10) Acenaphthylene	14.144	152	413611	7.317	ng/ul	100
11) Acenaphthene	14.485	153	214997	4.669	ng/ul	98
12) Fluorene	15.471	166	522386	10.243	ng/ul	99
15) Phenanthrene	17.210	178	6630329	82.014	ng/ul	95
16) Anthracene	17.297	178	2463064	34.777	ng/ul	100
19) Fluoranthene	19.222	202	8463257	111.140	ng/ul#	94
20) Pyrene	19.580	202	3339726	42.810	ng/ul	98
21) Benzo(a)anthracene	21.315	228	3095702	47.048	ng/ul	93
22) Chrysene	21.368	228	2250582m	30.811	ng/ul	
24) Benzo(b)fluoranthene	22.913	252	2274149m	30.152	ng/ul	
25) Benzo(k)fluoranthene	22.952	252	1079378m	13.644	ng/ul	
26) Benzo(a)pyrene	23.487	252	437126	6.531	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.871	276	421197	4.949	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.876	278	294967	4.345	ng/ul	95
29) Benzo(g,h,i)perylene	26.571	276	5265	0.072	ng/ul#	56

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

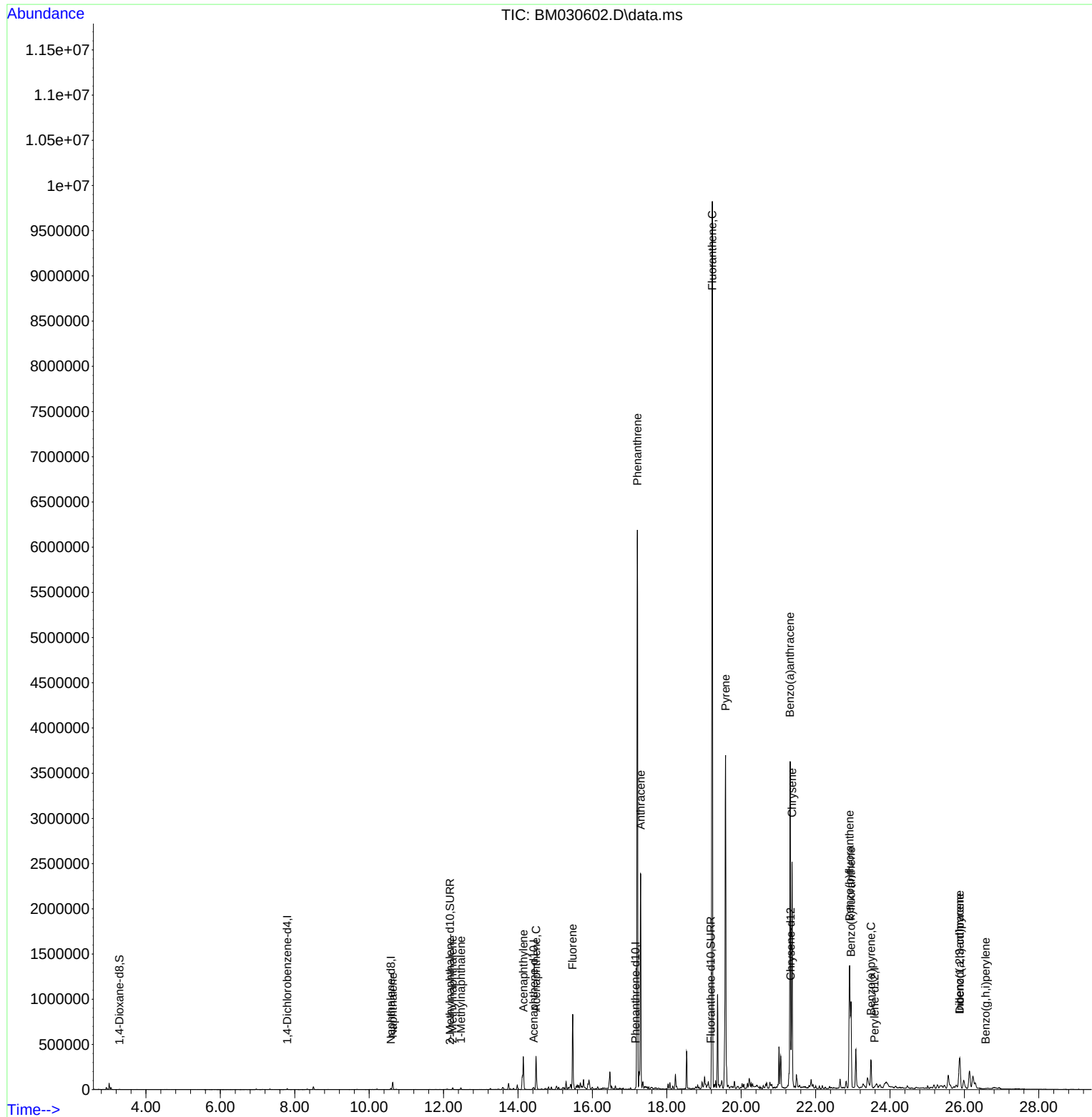
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030602.D
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ALS Vial : 13 Sample Multiplier: 1

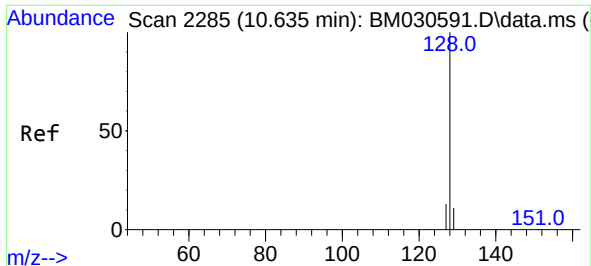
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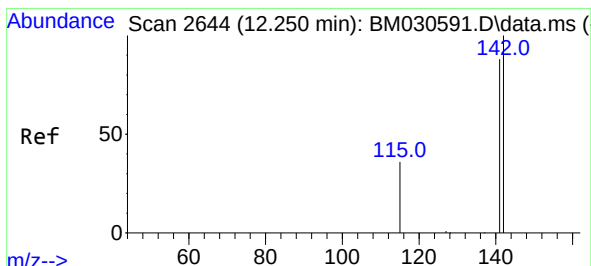
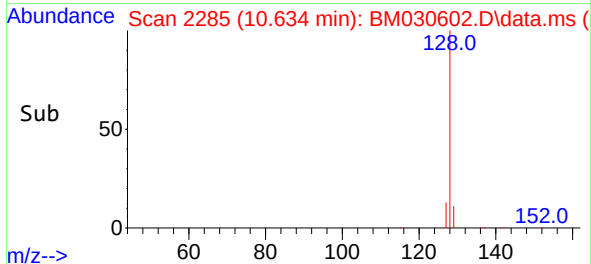
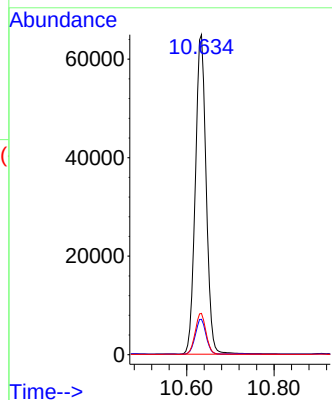
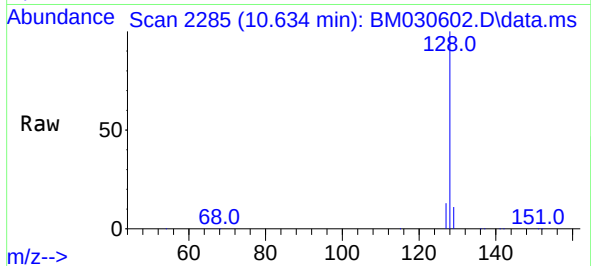
#5
Naphthalene
Concen: 1.984 ng/ul
RT: 10.634 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:128 Resp: 111660
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.9 16.3

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

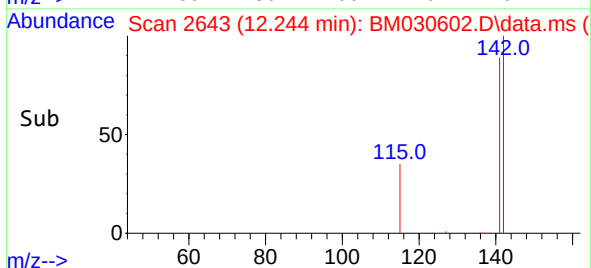
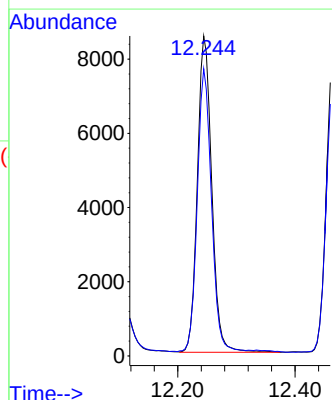
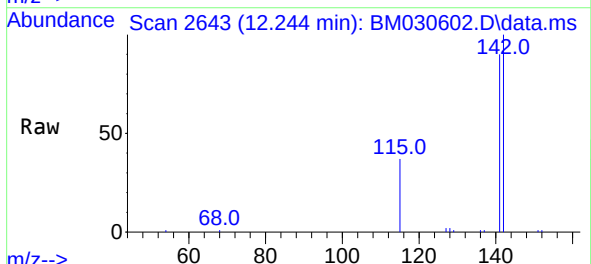
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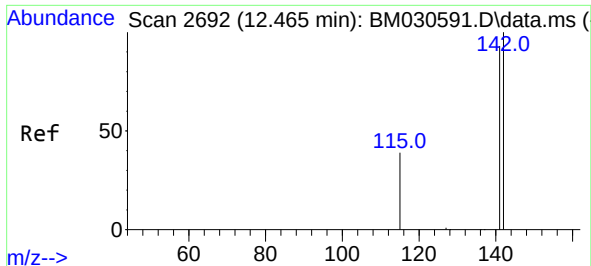
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#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.244 min Scan# 2643
Delta R.T. -0.005 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

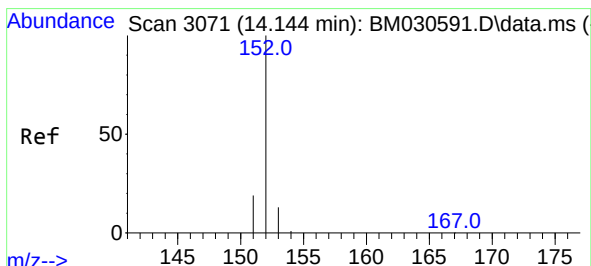
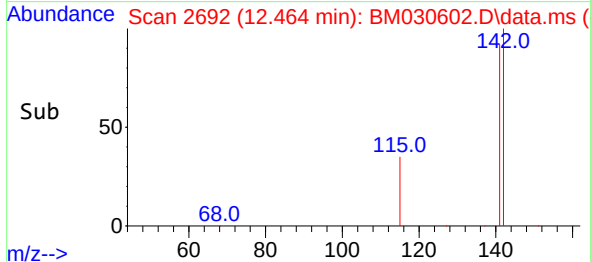
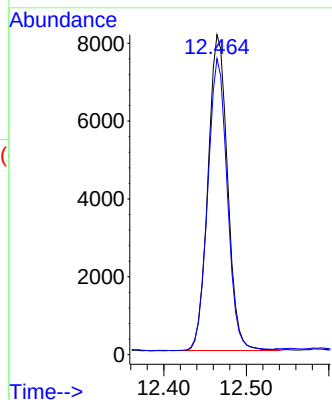
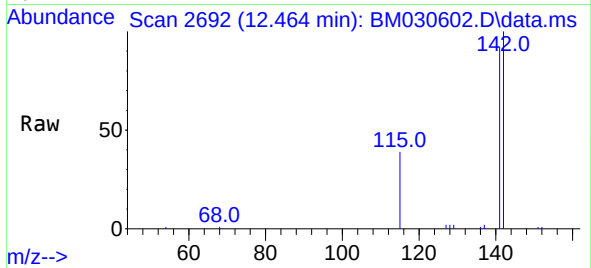
Tgt Ion:142 Resp: 14510
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0





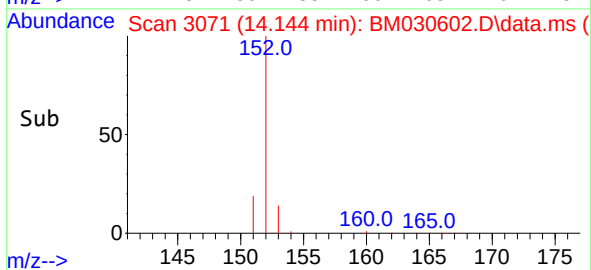
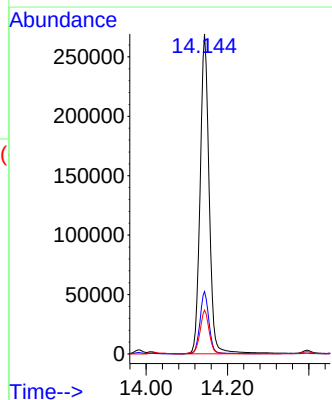
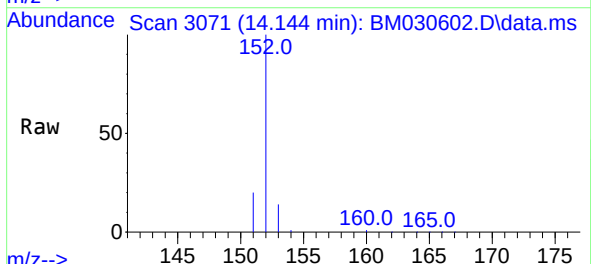
#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.464 min Scan# 2692
Delta R.T. -0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:142 Resp: 13392
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0



#10
Acenaphthylene
Concen: 7.317 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

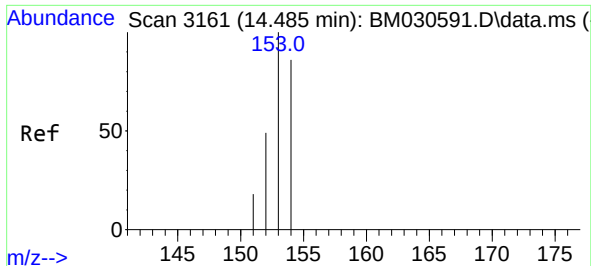
Tgt Ion:152 Resp: 413611
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.7 10.7 16.1



Instrument :
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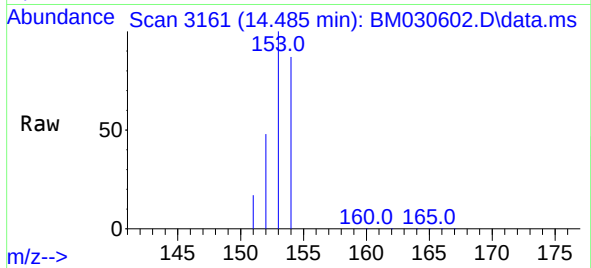
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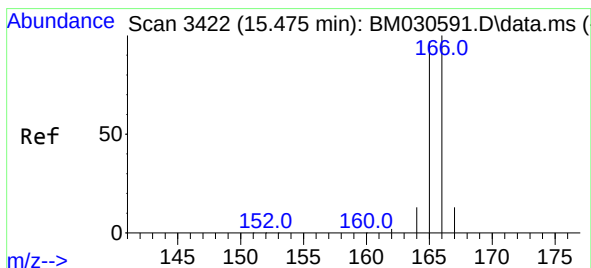
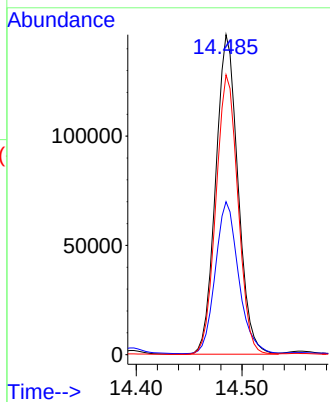
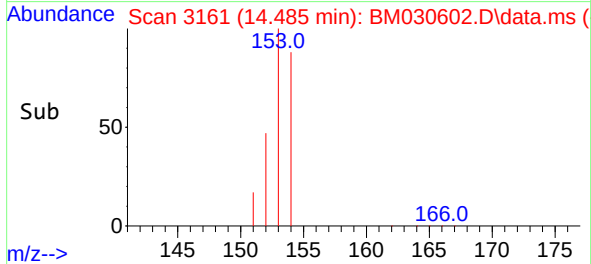


#11
Acenaphthene
Concen: 4.669 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

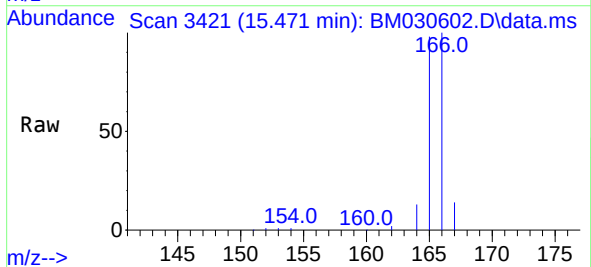
Instrument :
BNA_M
ClientSampled :
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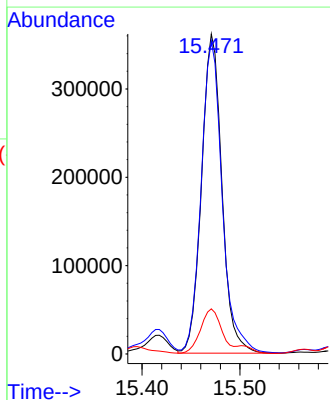
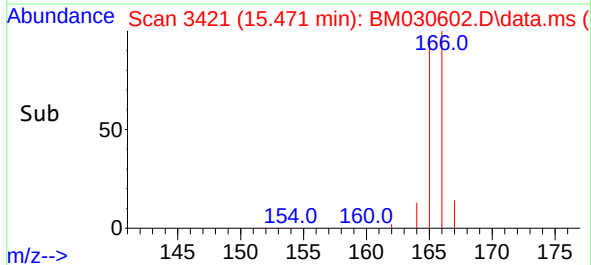
Tgt Ion:153 Resp: 214997
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.2
154 87.4 71.2 106.8

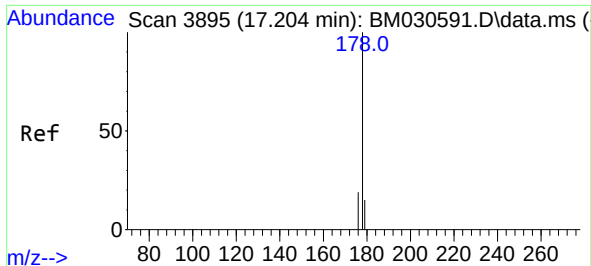


#12
Fluorene
Concen: 10.243 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

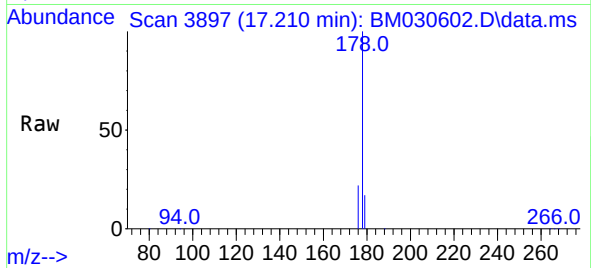


Tgt Ion:166 Resp: 522386
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 14.1 11.3 16.9

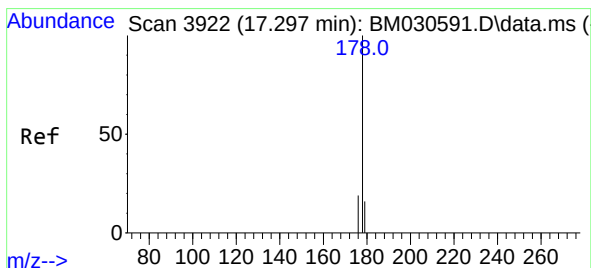
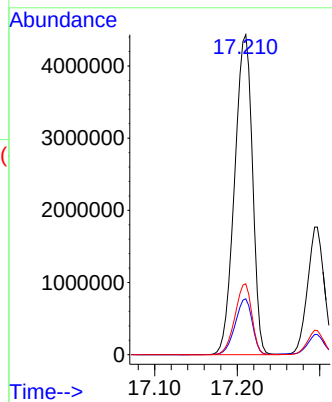
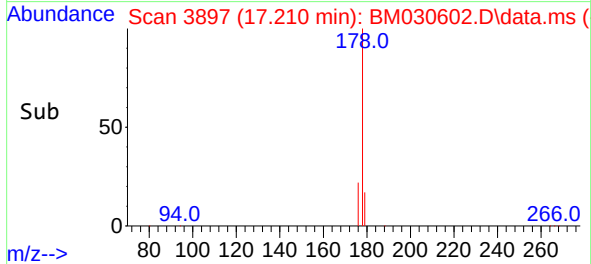




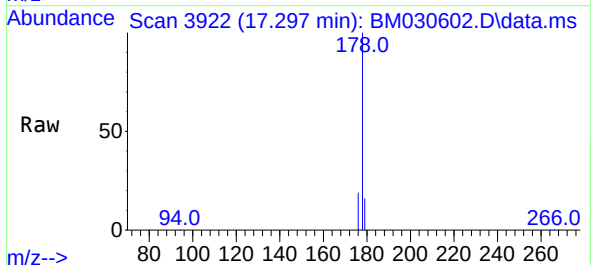
#15
Phenanthrene
Concen: 82.014 ng/u1
RT: 17.210 min Scan# 3897
Delta R.T. 0.007 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



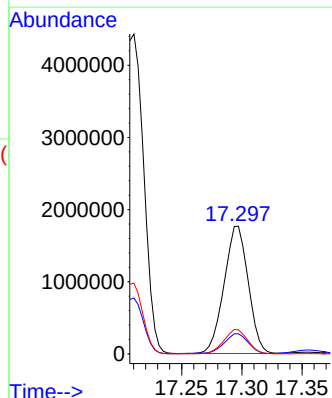
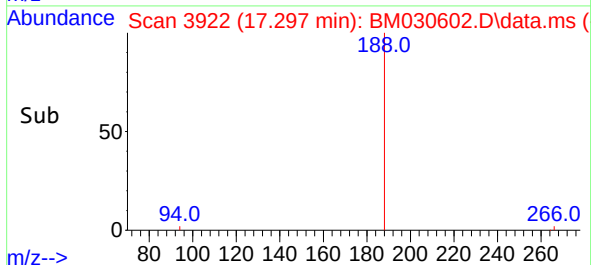
Tgt Ion:178 Resp: 6630329
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 22.2 15.5 23.3



#16
Anthracene
Concen: 34.777 ng/u1
RT: 17.297 min Scan# 3922
Delta R.T. -0.000 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



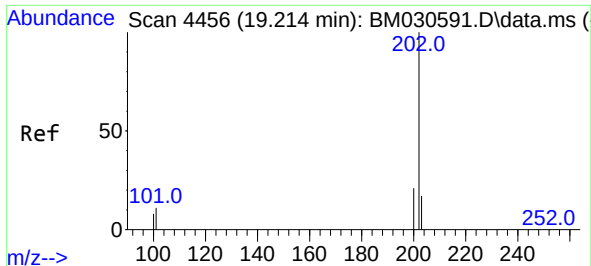
Tgt Ion:178 Resp: 2463064
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.9 15.2 22.8



Instrument :
BNA_M
ClientSampled :
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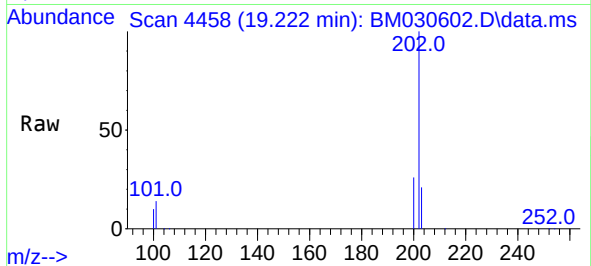
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#19
Fluoranthene
Concen: 111.140 ng/u1
RT: 19.222 min Scan# 4458
Delta R.T. 0.007 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

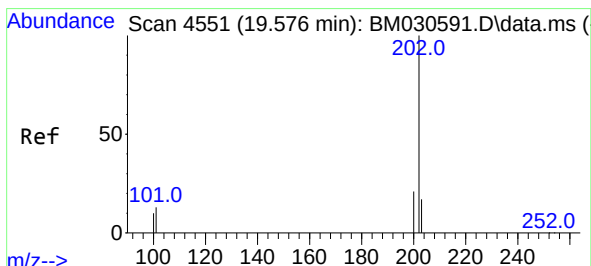
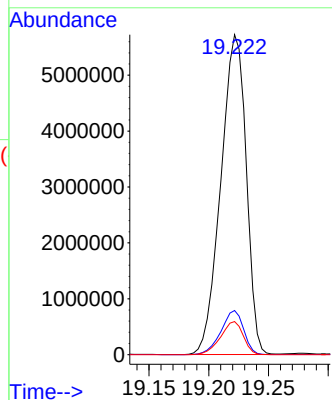
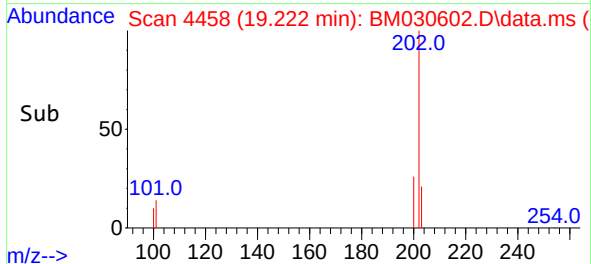
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ClientSampleId :
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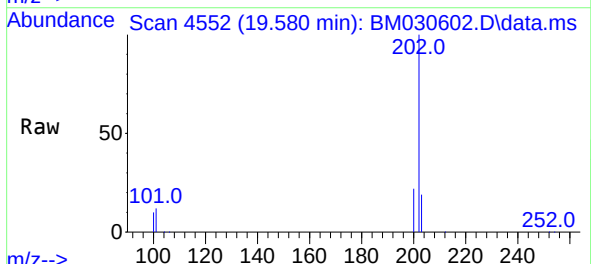
Tgt Ion:202 Resp: 8463257
Ion Ratio Lower Upper
202 100
101 13.8 8.8 13.2#
100 10.4 6.9 10.3#

Manual Integrations
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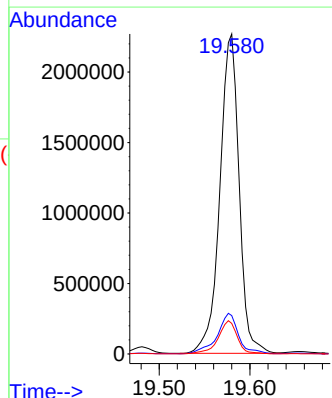
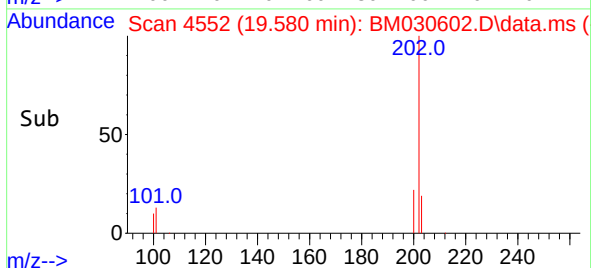
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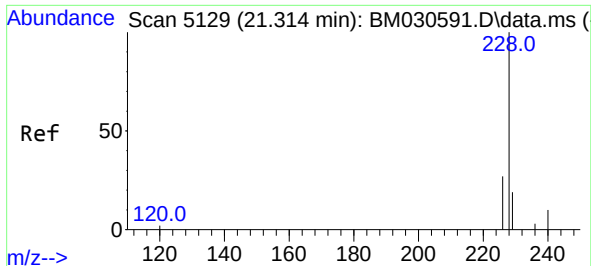


#20
Pyrene
Concen: 42.810 ng/u1
RT: 19.580 min Scan# 4552
Delta R.T. 0.004 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



Tgt Ion:202 Resp: 3339726
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.6 8.2 12.2





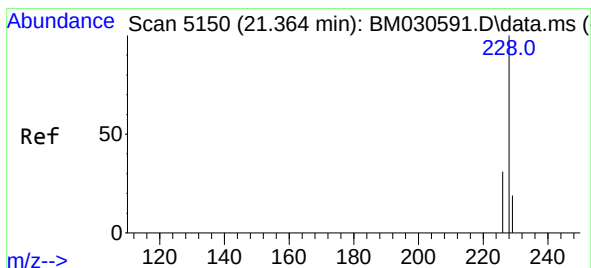
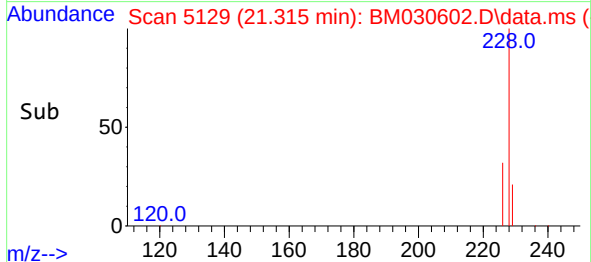
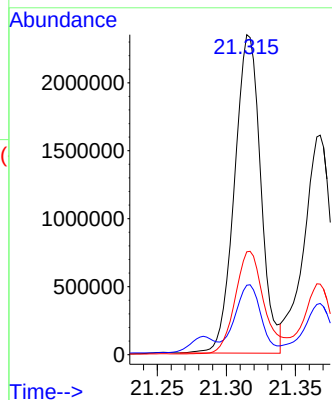
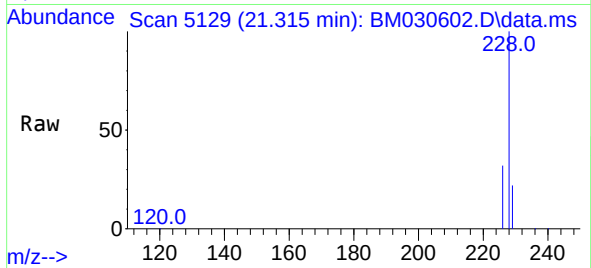
#21
Benzo(a)anthracene
Concen: 47.048 ng/ul
RT: 21.315 min Scan# 5129
Delta R.T. 0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:228 Resp: 3095702
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 32.2 22.2 33.4

Instrument :
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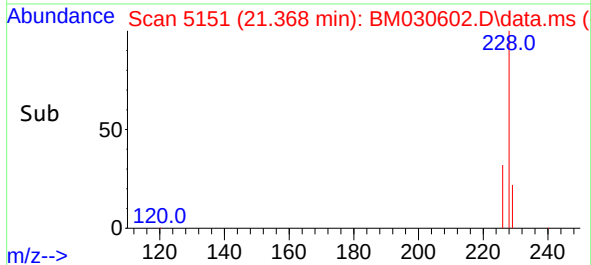
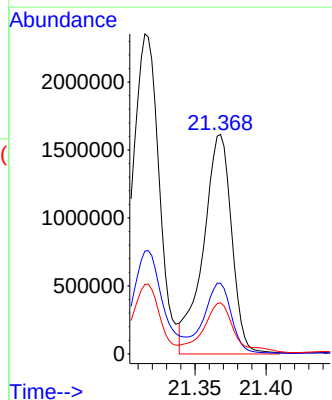
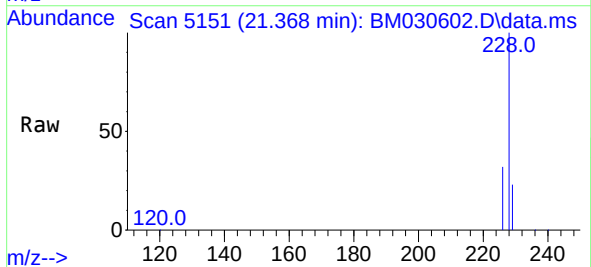
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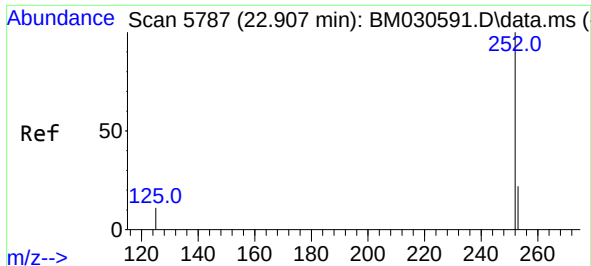
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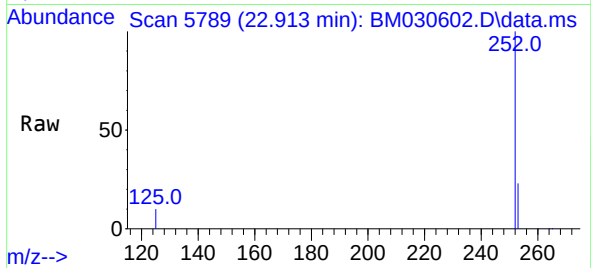
#22
Chrysene
Concen: 30.811 ng/ul m
RT: 21.368 min Scan# 5151
Delta R.T. 0.004 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:228 Resp: 2250582
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 23.3 15.4 23.0#

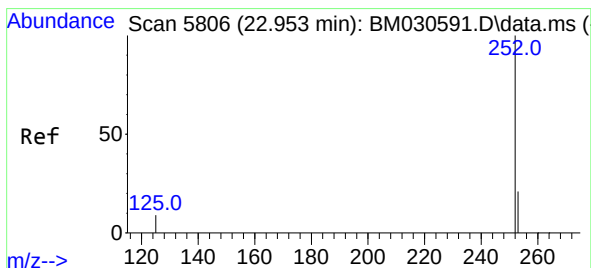
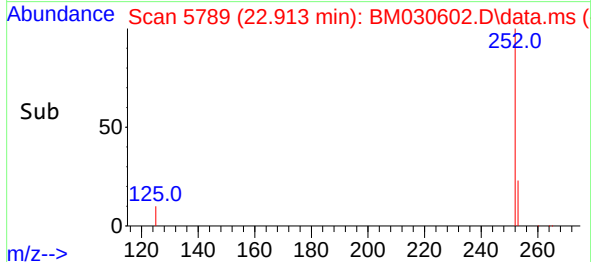
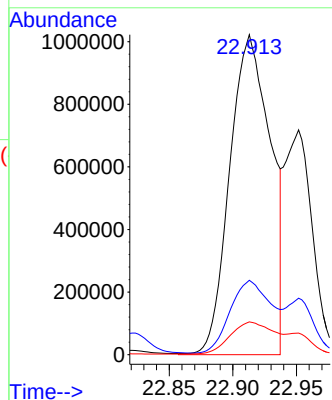




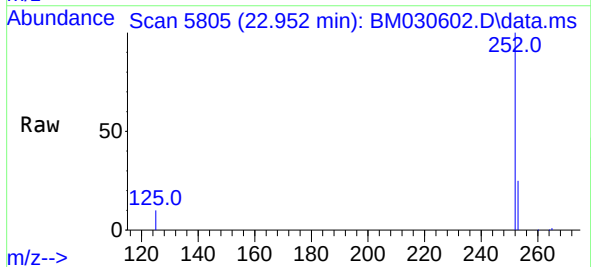
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Benzo(b)fluoranthene
Concen: 30.152 ng/ul m
RT: 22.913 min Scan# 5789
Delta R.T. 0.006 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



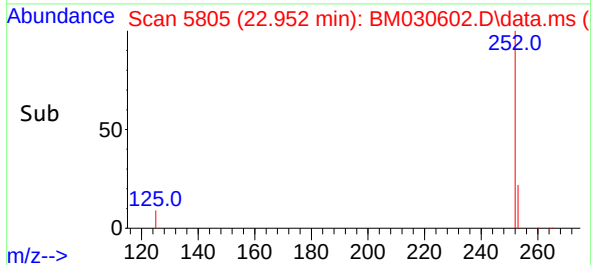
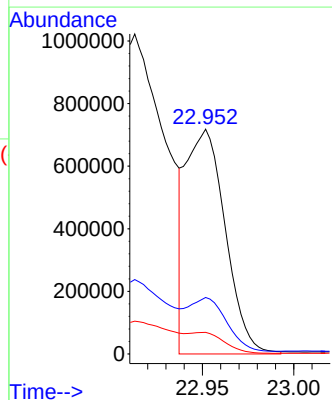
Tgt Ion:252 Resp: 2274149
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 10.2 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 13.644 ng/ul m
RT: 22.952 min Scan# 5805
Delta R.T. -0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



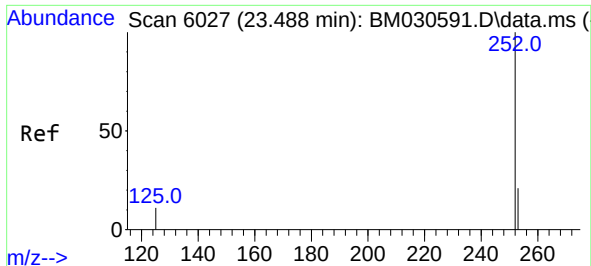
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Ion Ratio Lower Upper
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125 9.6 11.0 16.4#



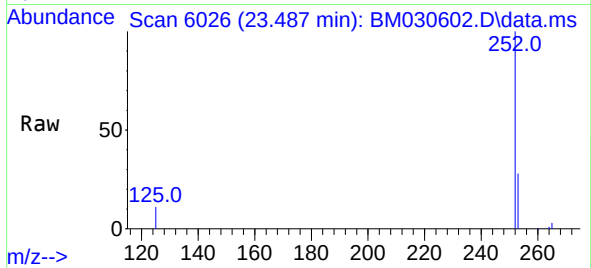
Instrument :
BNA_M
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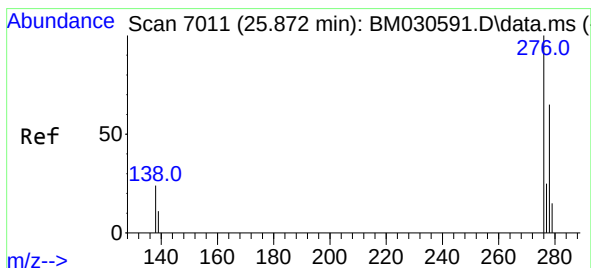
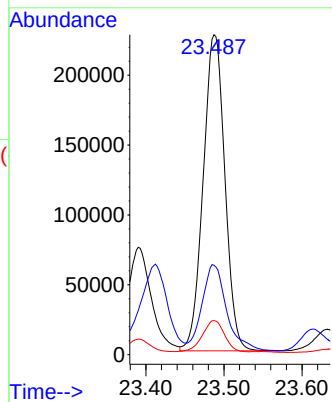
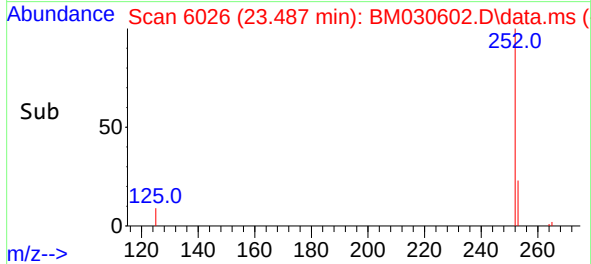
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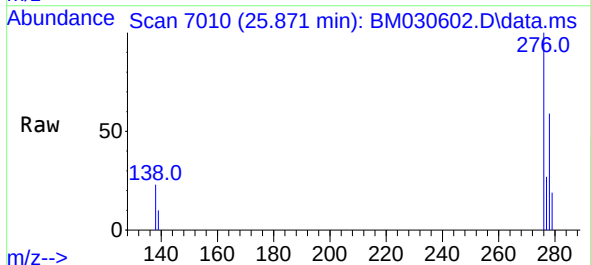
#26
Benzo(a)pyrene
Concen: 6.531 ng/ul
RT: 23.487 min Scan# 6026
Delta R.T. -0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



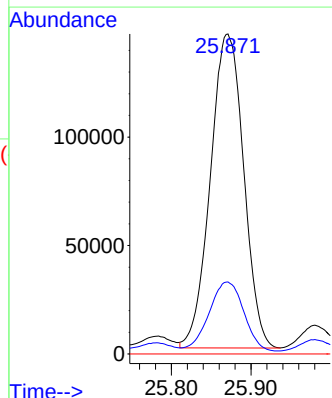
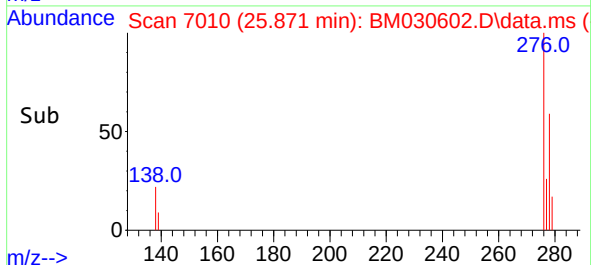
Tgt Ion:252 Resp: 437126
Ion Ratio Lower Upper
252 100
253 28.0 22.0 33.0
125 10.7 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.949 ng/ul
RT: 25.871 min Scan# 7010
Delta R.T. -0.001 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22



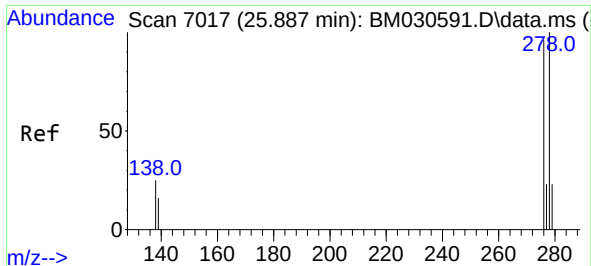
Tgt Ion:276 Resp: 421197
Ion Ratio Lower Upper
276 100
138 22.9 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGDF4DL

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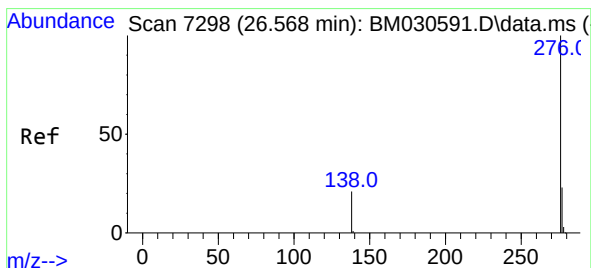
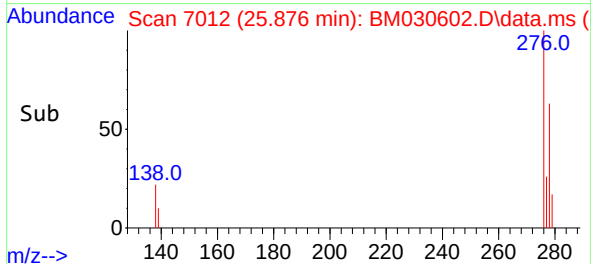
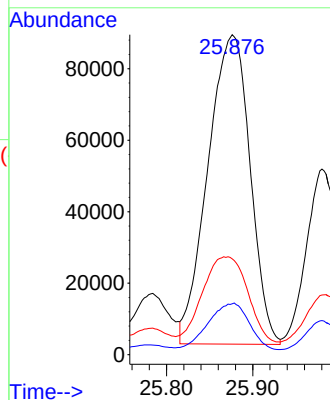
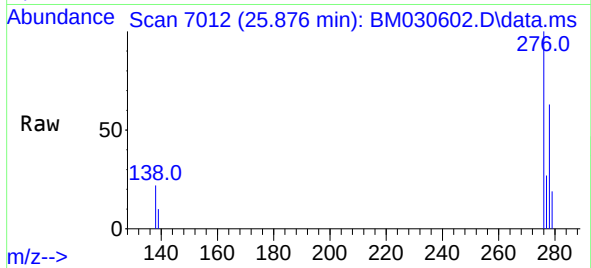
#28
Dibenzo(a,h)anthracene
Concen: 4.345 ng/ul
RT: 25.876 min Scan# 7012
Delta R.T. -0.011 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:278 Resp: 294967
Ion Ratio Lower Upper
278 100
139 15.9 14.2 21.4
279 30.0 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDF4DL

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#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 26.571 min Scan# 7299
Delta R.T. 0.004 min
Lab File: BM030602.D
Acq: 25 Jun 2021 15:22

Tgt Ion:276 Resp: 5265
Ion Ratio Lower Upper
276 100
138 37.3 18.0 27.0#
277 52.5 19.5 29.3#

