

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030603.D
 Acq On : 25 Jun 2021 15:58
 Operator : CG/JU
 Sample : M2662-06DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL

Manual Integrations
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Quant Time: Jun 25 16:29:01 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	4422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	18227	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	11044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	21573	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	14067	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	13662	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	2266	0.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	1075	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	2807	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.630	128	19045	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.245	142	2631	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	2923	0.082	ng/ul	98
10) Acenaphthylene	14.144	152	23841	0.461	ng/ul	98
11) Acenaphthene	14.485	153	53579	1.273	ng/ul	98
12) Fluorene	15.471	166	49382	1.059	ng/ul	99
15) Phenanthrene	17.200	178	819240	10.665	ng/ul	99
16) Anthracene	17.294	178	421874	6.269	ng/ul	99
19) Fluoranthene	19.214	202	1567341	24.236	ng/ul	96
20) Pyrene	19.576	202	1216616	18.363	ng/ul	97
21) Benzo(a)anthracene	21.311	228	667656	11.948	ng/ul	95
22) Chrysene	21.362	228	534288	8.613	ng/ul	97
24) Benzo(b)fluoranthene	22.907	252	576816m	9.706	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	241050m	3.867	ng/ul	
26) Benzo(a)pyrene	23.486	252	458587	8.696	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.865	276	250896	3.741	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.870	278	66334	1.240	ng/ul	96
29) Benzo(g,h,i)perylene	26.570	276	195988	3.383	ng/ul	98

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

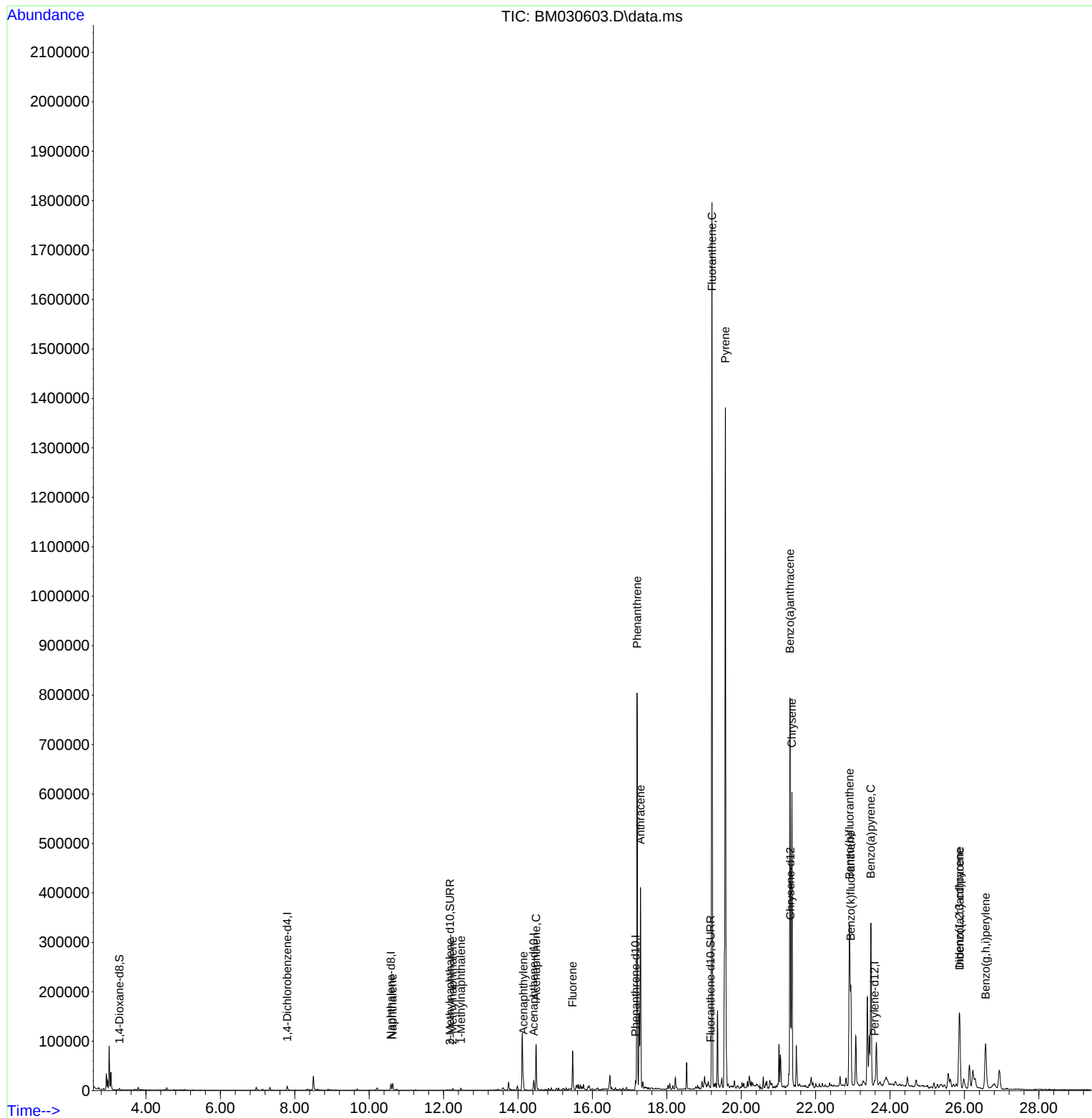
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
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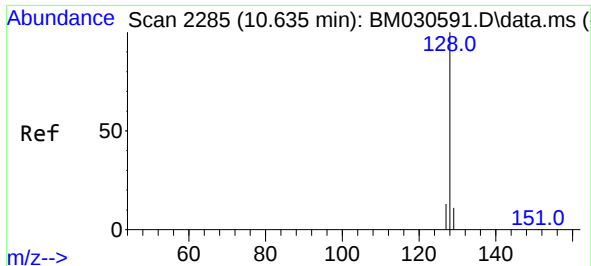
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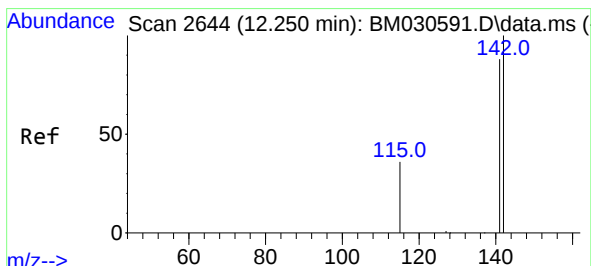
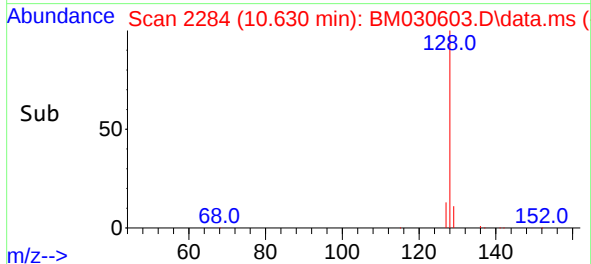
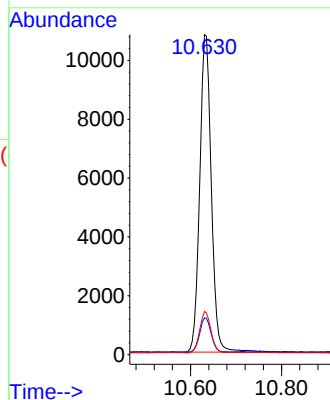
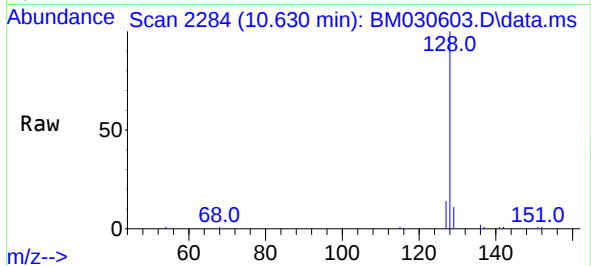
#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:	128	Resp:	19045
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.6
127	13.5	10.9	16.3

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

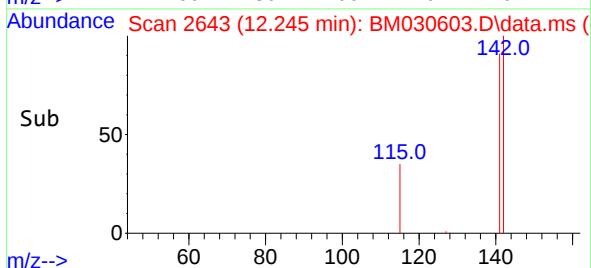
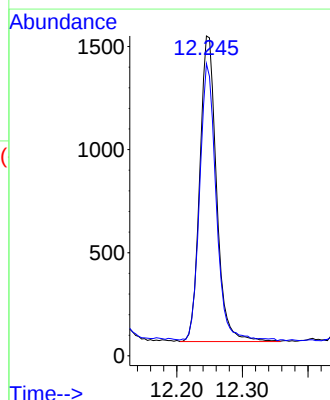
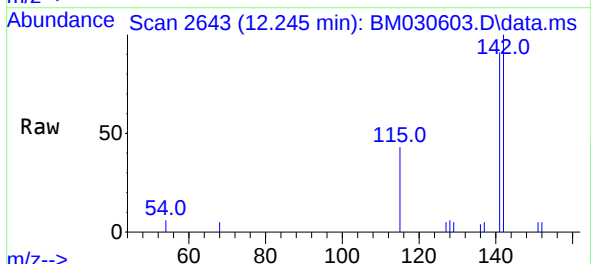
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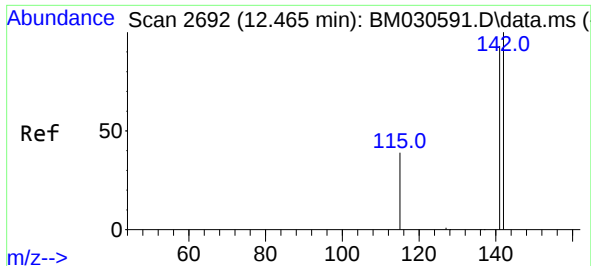
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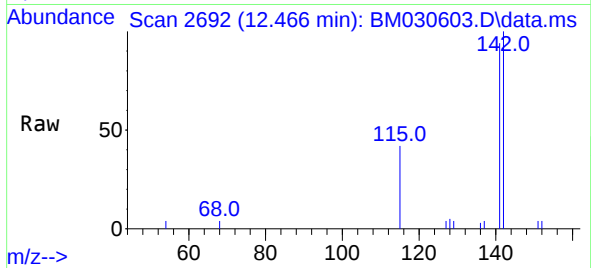
#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:	142	Resp:	2631
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.0

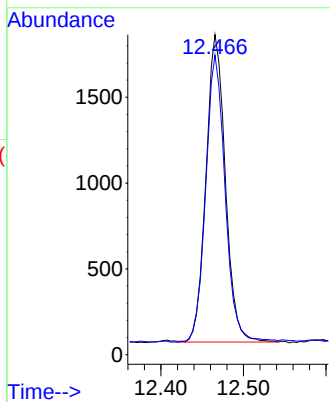
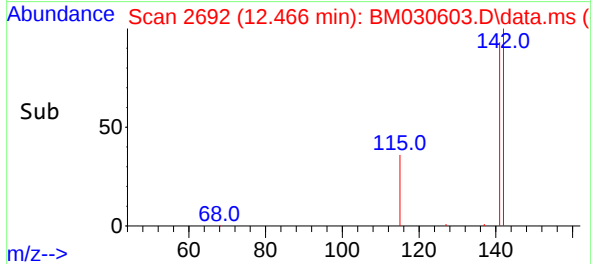




#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58



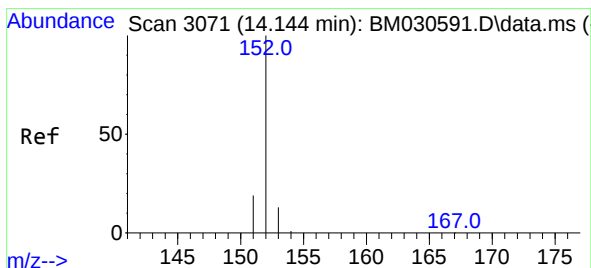
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Ion Ratio Lower Upper
142 100
141 93.8 73.4 110.0



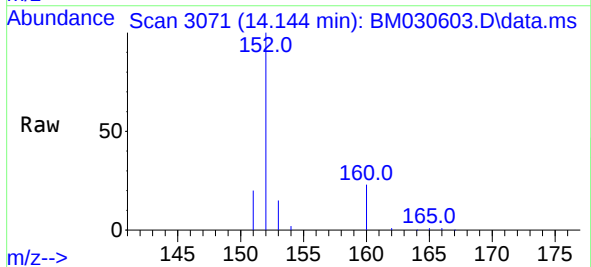
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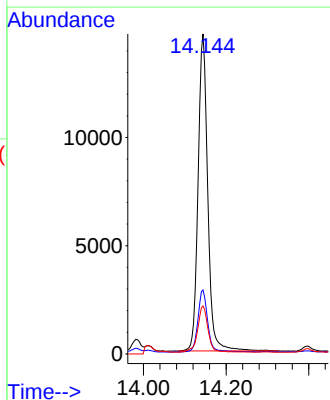
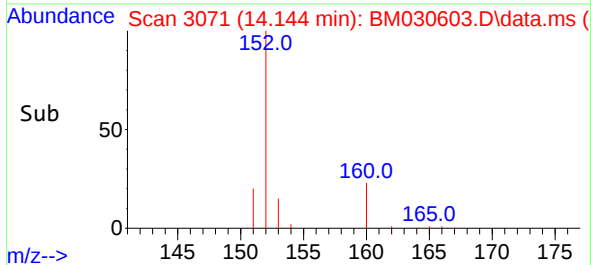
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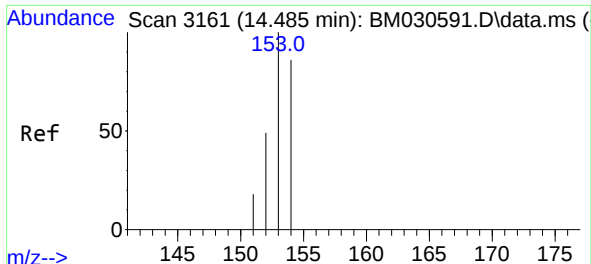


#10
Acenaphthylene
Concen: 0.461 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

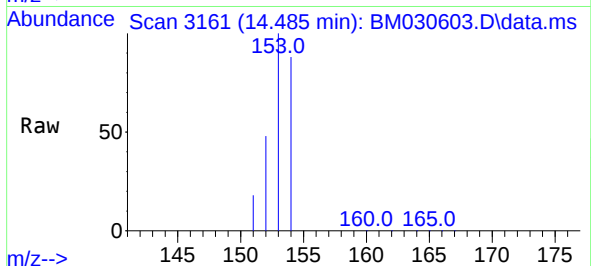


Tgt Ion:152 Resp: 23841
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 15.0 10.7 16.1

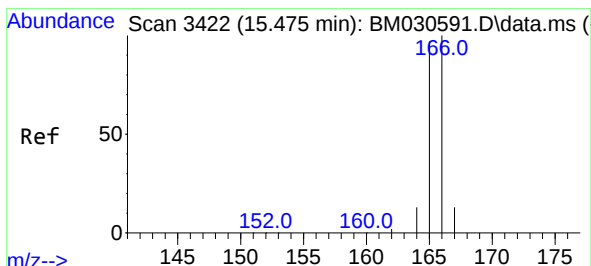
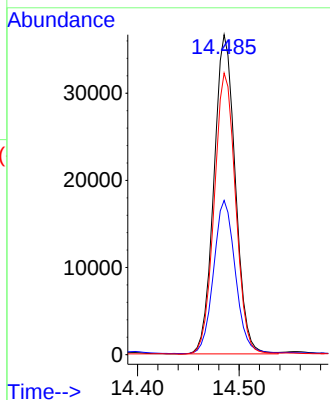
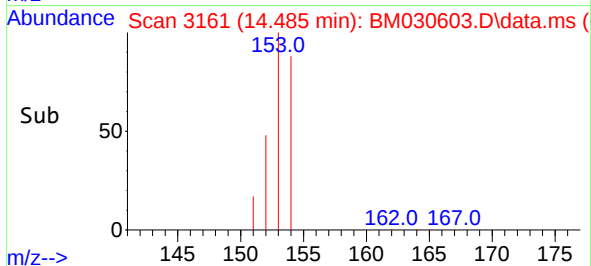




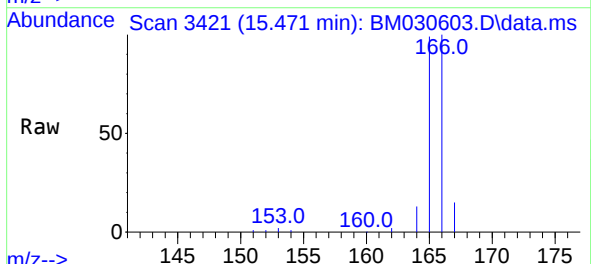
#11
Acenaphthene
Concen: 1.273 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58



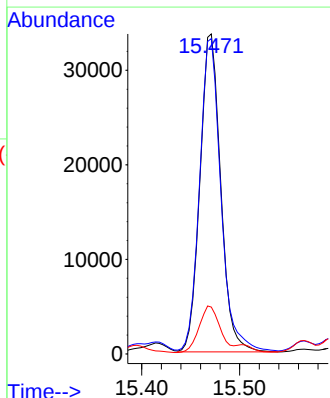
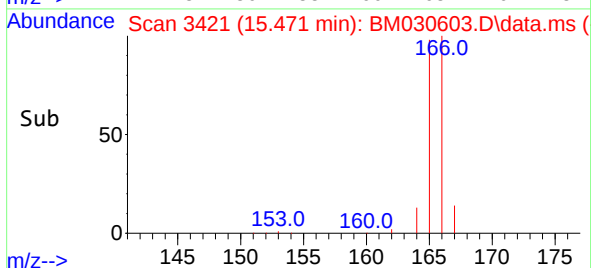
Tgt Ion:153 Resp: 53579
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.2
154 88.0 71.2 106.8



#12
Fluorene
Concen: 1.059 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58



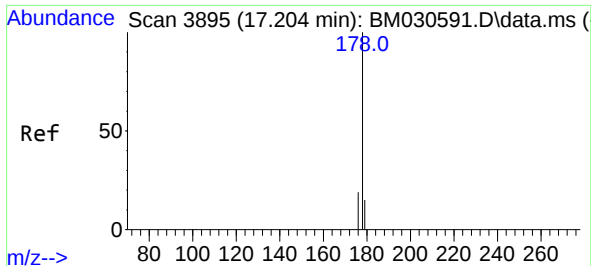
Tgt Ion:166 Resp: 49382
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 14.6 11.3 16.9



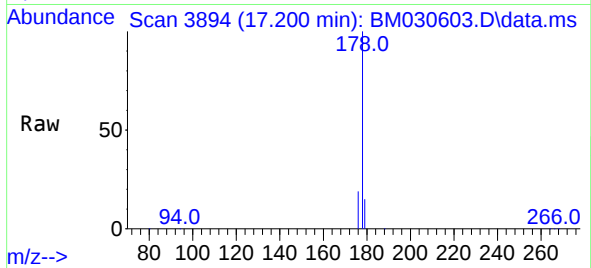
Instrument :
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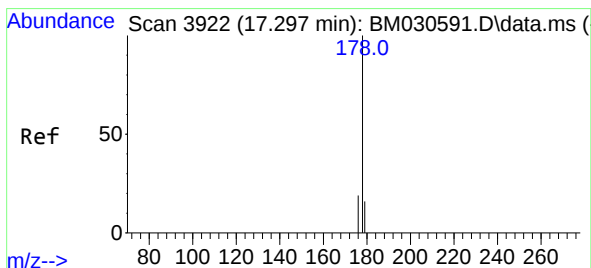
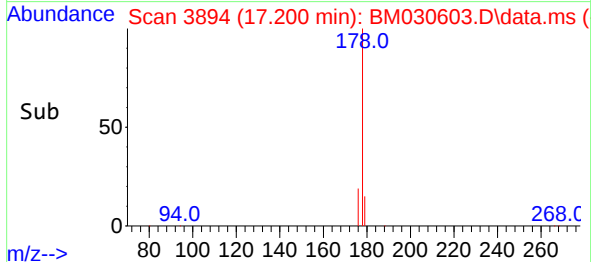
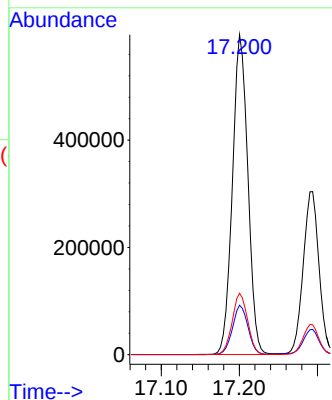
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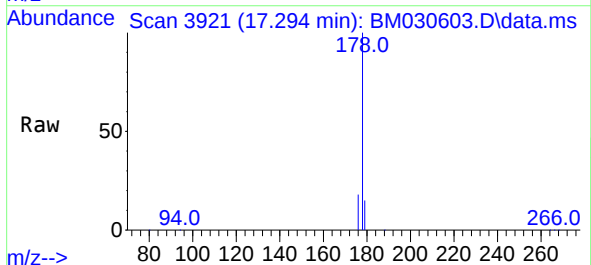
#15
Phenanthrene
Concen: 10.665 ng/u1
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58



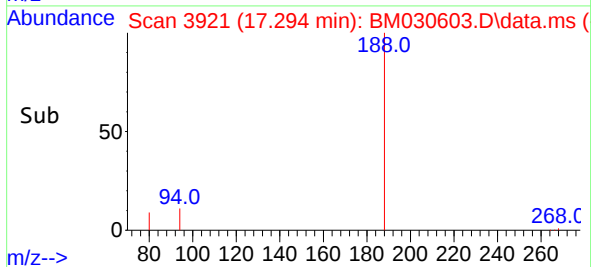
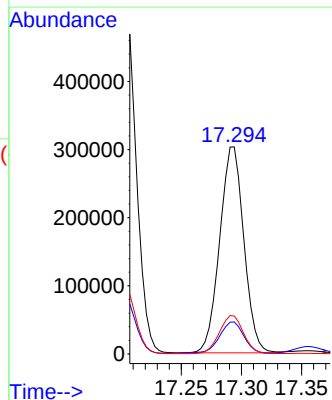
Tgt Ion:178 Resp: 819240
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 6.269 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.003 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58



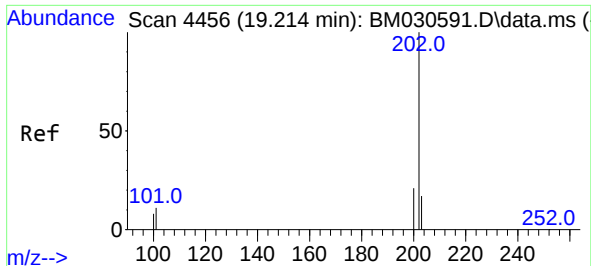
Tgt Ion:178 Resp: 421874
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.3 15.2 22.8



Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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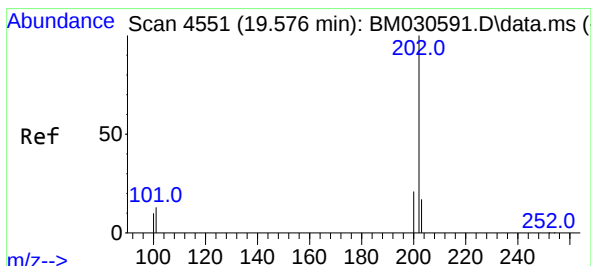
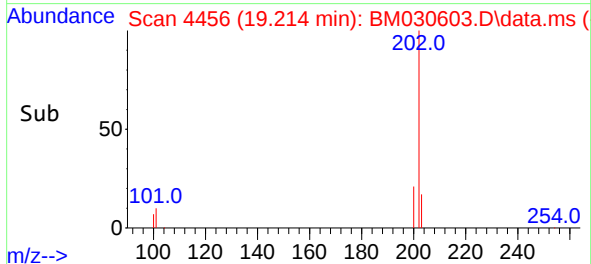
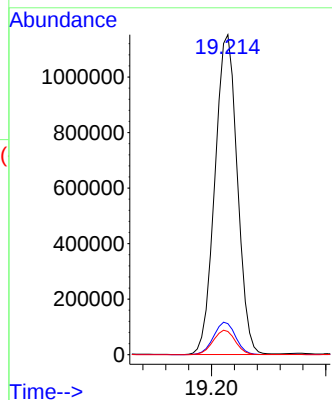
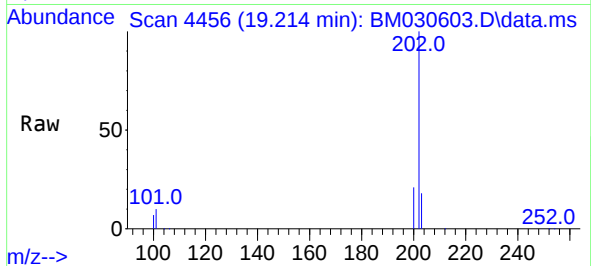
#19
Fluoranthene
Concen: 24.236 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:202 Resp: 1567341
Ion Ratio Lower Upper
202 100
101 9.7 8.8 13.2
100 7.2 6.9 10.3

Instrument :
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ClientSampleId :
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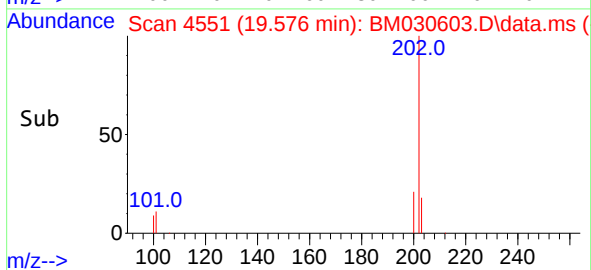
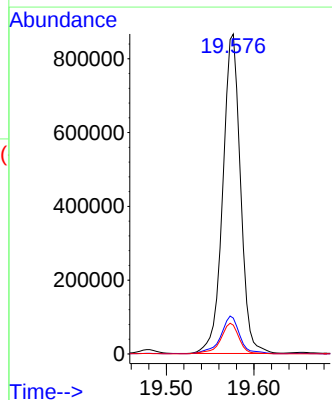
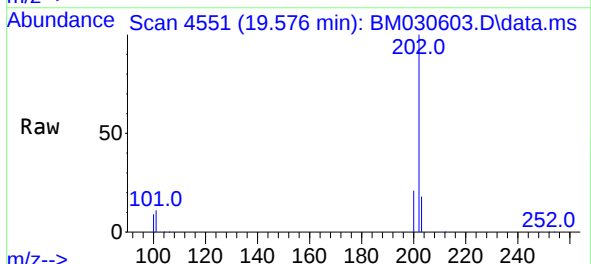
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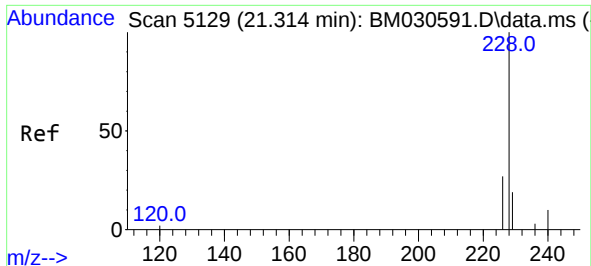
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#20
Pyrene
Concen: 18.363 ng/u1
RT: 19.576 min Scan# 4551
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:202 Resp: 1216616
Ion Ratio Lower Upper
202 100
101 11.2 10.1 15.1
100 9.0 8.2 12.2





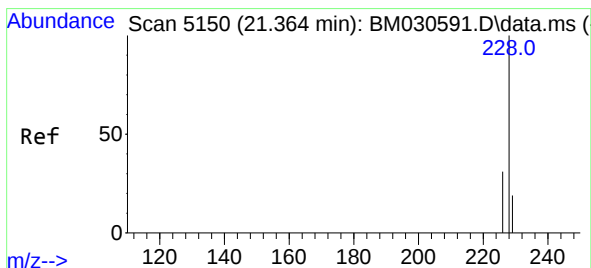
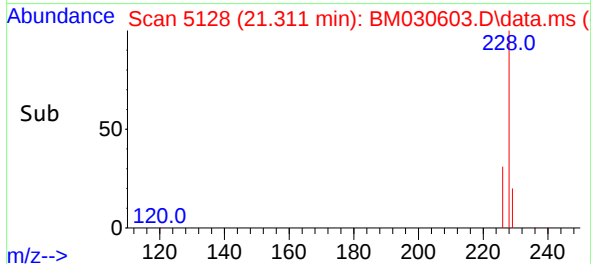
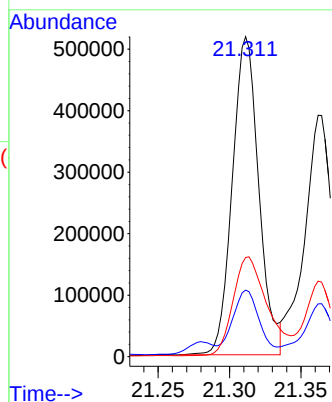
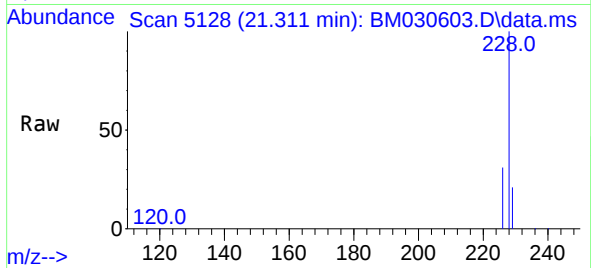
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Benzo(a)anthracene
Concen: 11.948 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.002 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:228	Resp: 667656
Ion Ratio	Lower Upper
228 100	
229 20.8	15.8 23.6
226 31.0	22.2 33.4

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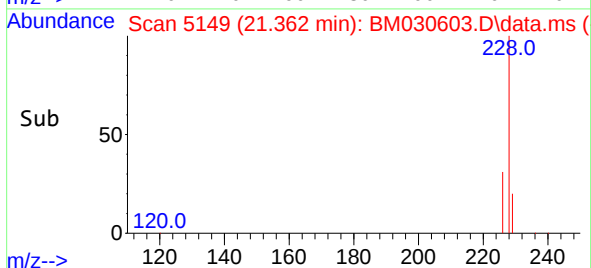
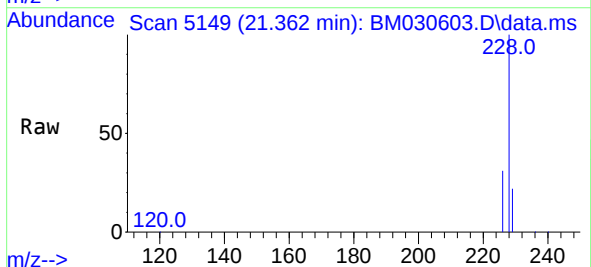
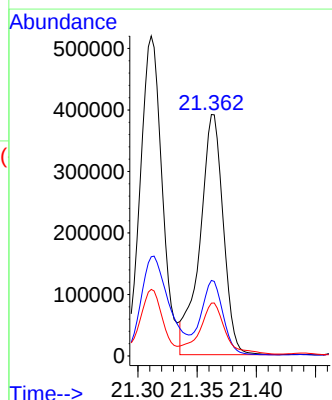
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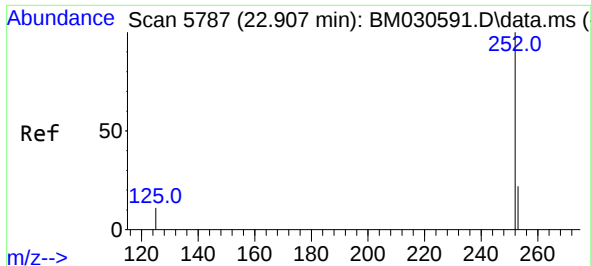
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#22
Chrysene
Concen: 8.613 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:228	Resp: 534288
Ion Ratio	Lower Upper
228 100	
226 31.3	24.4 36.6
229 21.9	15.4 23.0





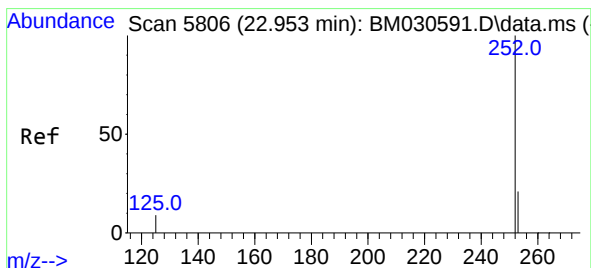
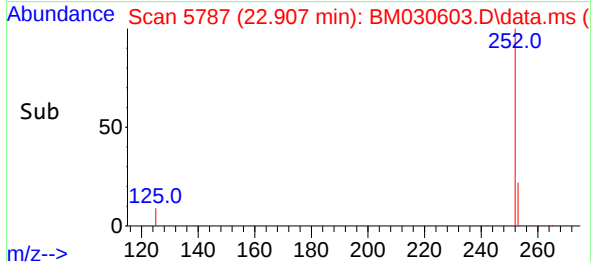
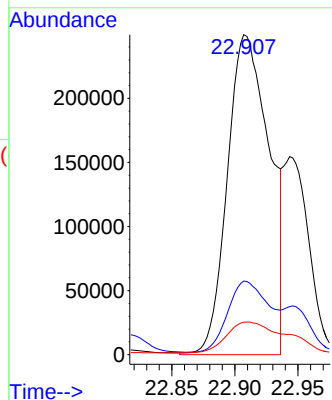
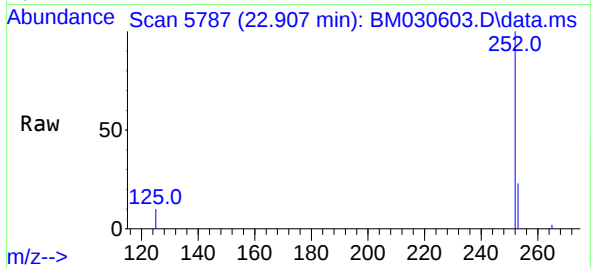
#24
Benzo(b)fluoranthene
Concen: 9.706 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. 0.000 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:252 Resp: 576816
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 10.2 0.0 27.8

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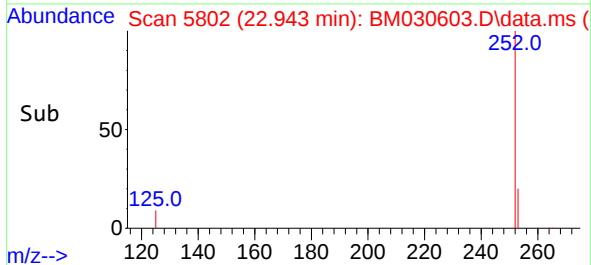
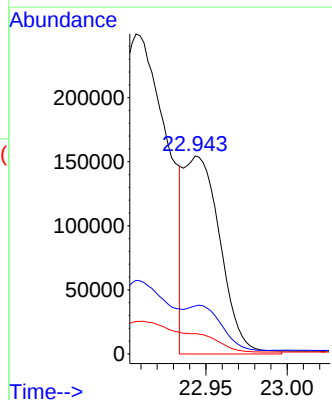
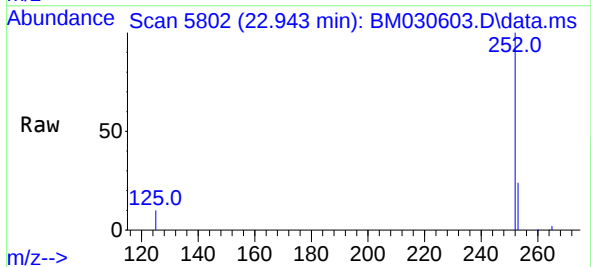
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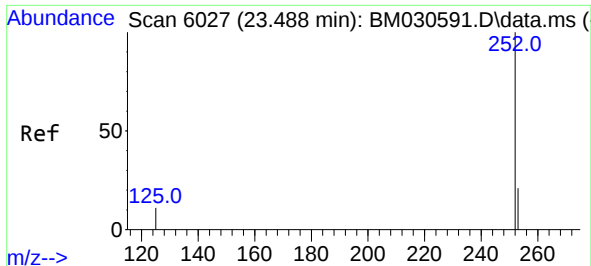
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#25
Benzo(k)fluoranthene
Concen: 3.867 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:252 Resp: 241050
Ion Ratio Lower Upper
252 100
253 24.3 20.6 31.0
125 10.3 11.0 16.4#





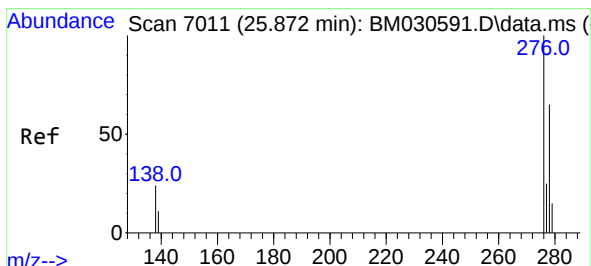
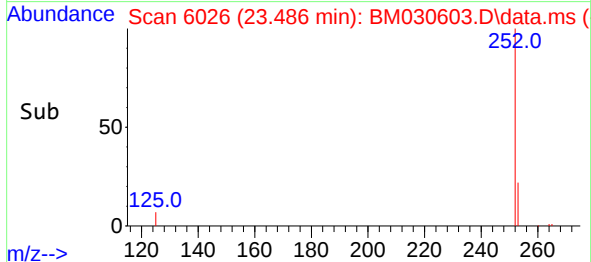
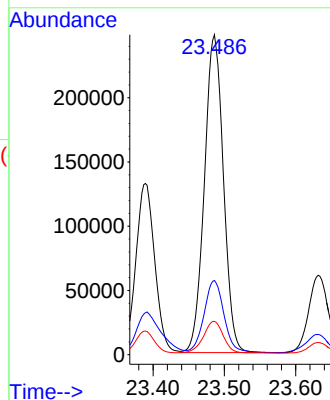
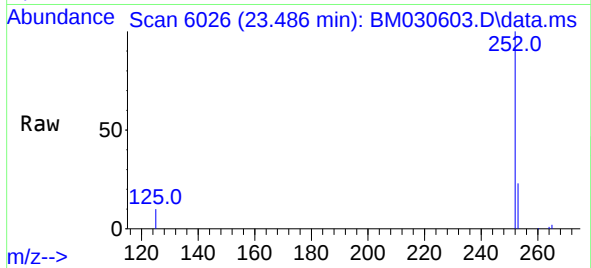
#26
Benzo(a)pyrene
Concen: 8.696 ng/ul
RT: 23.486 min Scan# 6026
Delta R.T. -0.002 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:252 Resp: 458587
Ion Ratio Lower Upper
252 100
253 23.2 22.0 33.0
125 10.4 13.4 20.2#

Instrument :
BNA_M
ClientSampled :
BGDH3DL

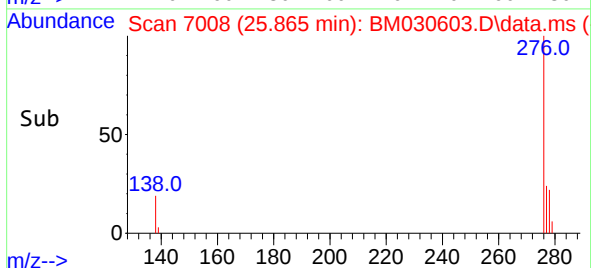
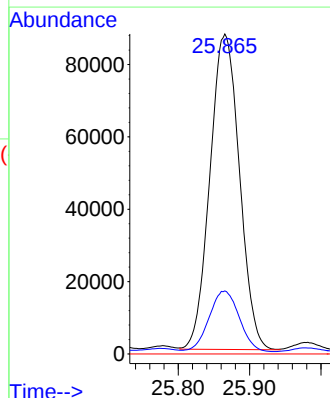
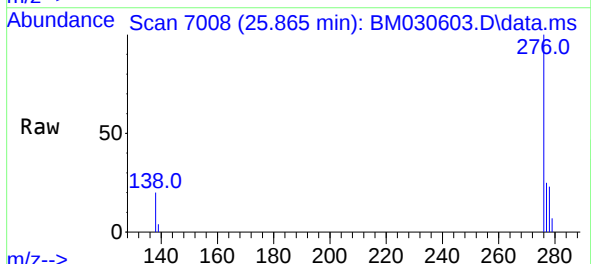
Manual Integrations
APPROVED

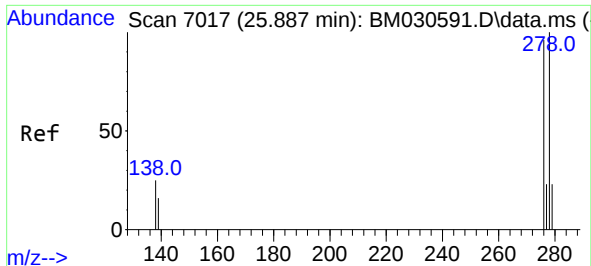
mohammad
6/28/2021 1:21:08 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.741 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.007 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:276 Resp: 250896
Ion Ratio Lower Upper
276 100
138 19.6 19.1 28.7
227 0.0 0.0 0.0





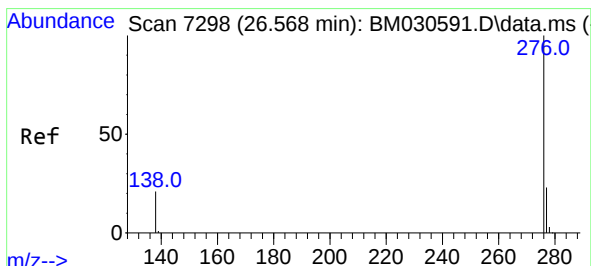
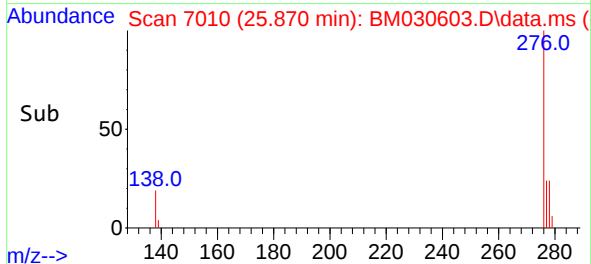
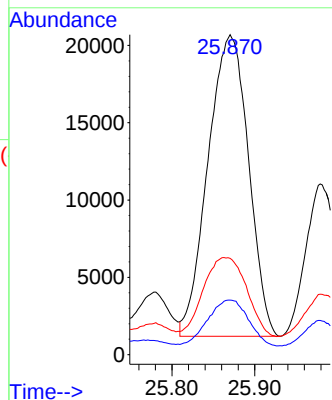
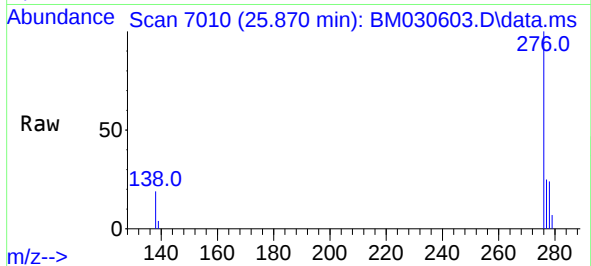
#28
Dibenzo(a,h)anthracene
Concen: 1.240 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.017 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:278 Resp: 66334
Ion Ratio Lower Upper
278 100
139 17.1 14.2 21.4
279 30.1 21.6 32.4

Instrument :
BNA_M
ClientSampleID :
BGDH3DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:08 PM



#29
Benzo(g,h,i)perylene
Concen: 3.383 ng/ul
RT: 26.570 min Scan# 7299
Delta R.T. 0.002 min
Lab File: BM030603.D
Acq: 25 Jun 2021 15:58

Tgt Ion:276 Resp: 195988
Ion Ratio Lower Upper
276 100
138 20.1 18.0 27.0
277 24.4 19.5 29.3

