

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030593.D
 Acq On : 25 Jun 2021 09:52
 Operator : CG/JU
 Sample : M2662-24DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BGD98DL

Manual Integrations
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Quant Time: Jun 25 10:47:04 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	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	15143	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	18640	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	15406	0.400	ng/ul	0.00
23) Perylene-d12	23.578	264	12126	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	1814	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	777	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	1946	0.041	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.635	128	4111	0.091	ng/ul#	95
7) 2-Methylnaphthalene	12.254	142	876	0.029	ng/ul	94
10) Acenaphthylene	14.144	152	4263	0.099	ng/ul#	95
11) Acenaphthene	14.485	153	3451	0.099	ng/ul	99
12) Fluorene	15.471	166	4742	0.122	ng/ul#	98
15) Phenanthrene	17.200	178	75931	1.144	ng/ul	100
16) Anthracene	17.291	178	23024	0.396	ng/ul	99
19) Fluoranthene	19.211	202	154563	2.182	ng/ul	99
20) Pyrene	19.573	202	86525	1.192	ng/ul	99
21) Benzo(a)anthracene	21.309	228	65016	1.062	ng/ul	98
22) Chrysene	21.360	228	54499	0.802	ng/ul	97
24) Benzo(b)fluoranthene	22.902	252	57554m	1.091	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	24104m	0.436	ng/ul	
26) Benzo(a)pyrene	23.481	252	14620	0.312	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.858	276	10136	0.170	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.861	278	4908	0.103	ng/ul#	69

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

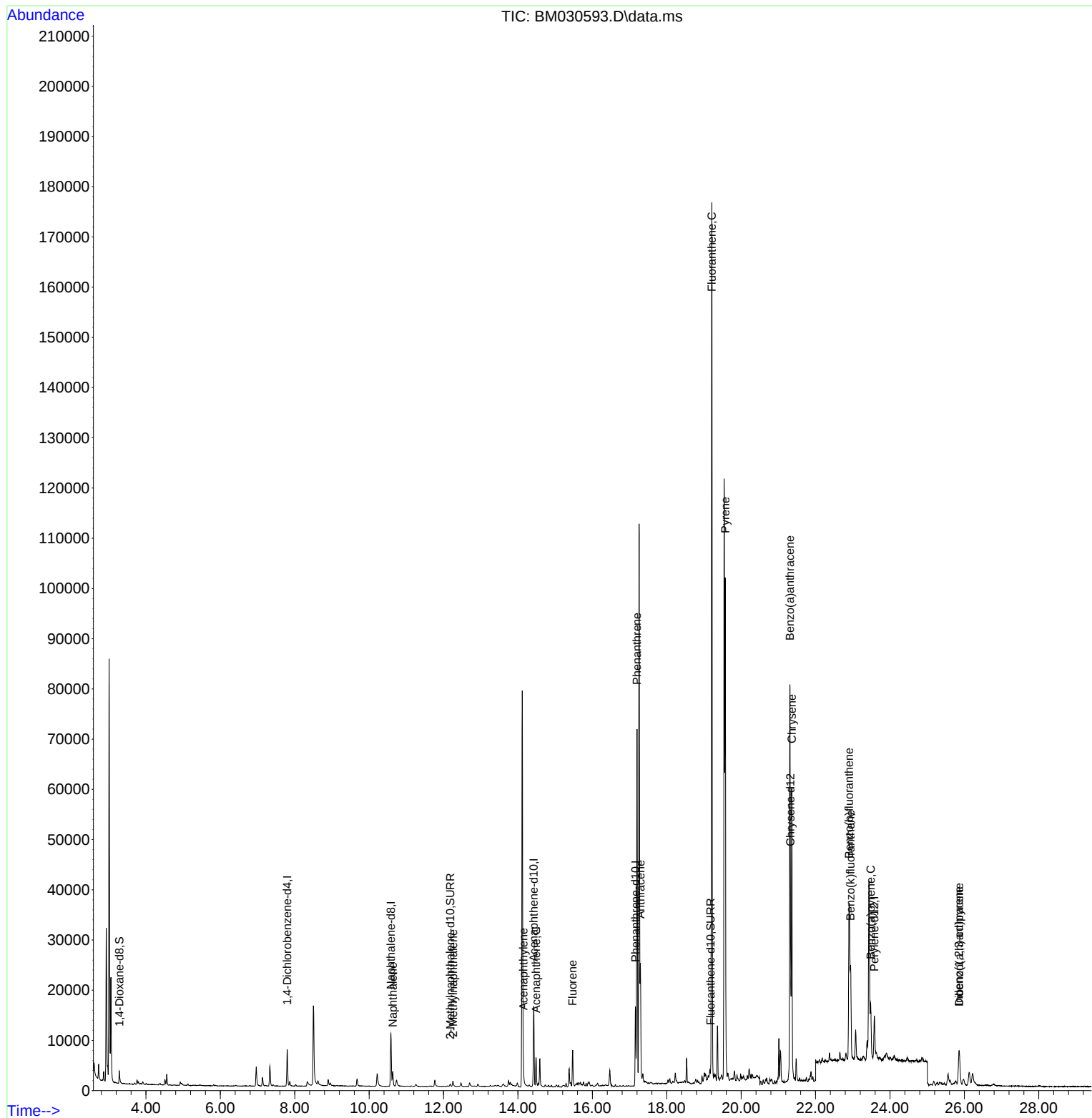
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Data File : BM030593.D
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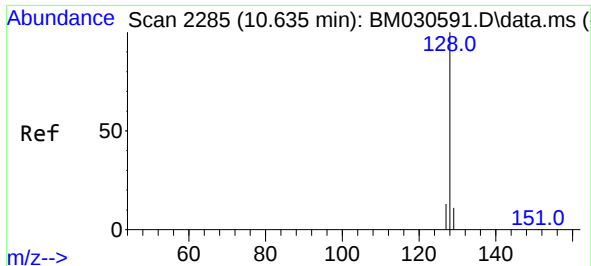
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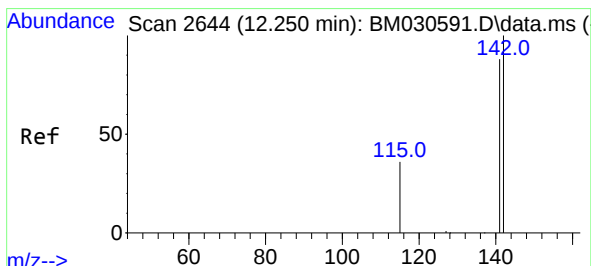
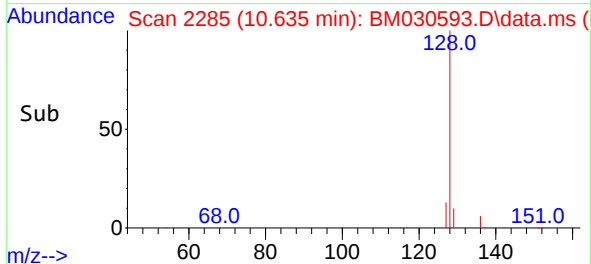
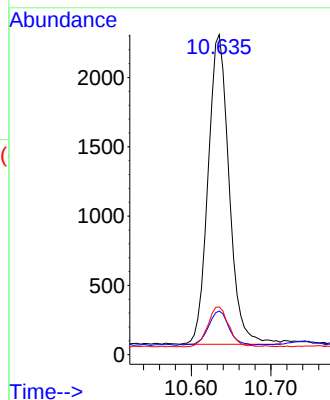
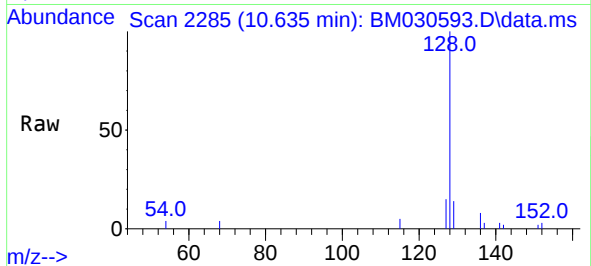
#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM030593.D
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Tgt Ion:	128	Resp:	4111
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.0	13.6#
127	14.9	10.9	16.3

Instrument :
BNA_M
ClientSampled :
BGD98DL

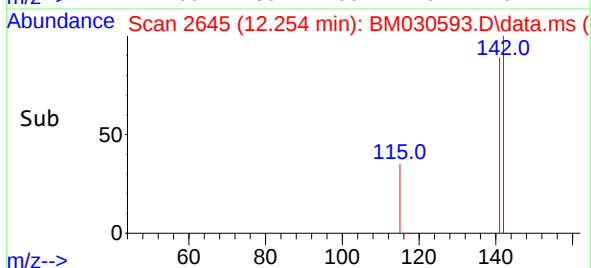
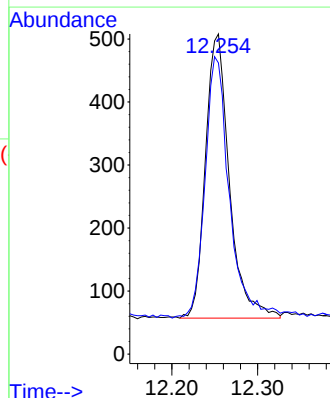
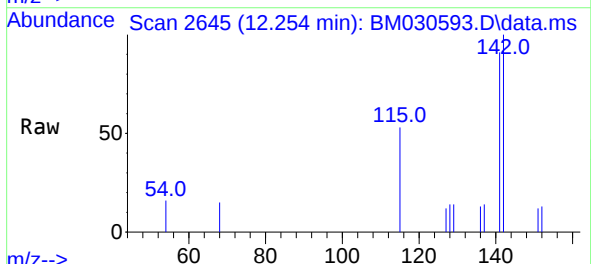
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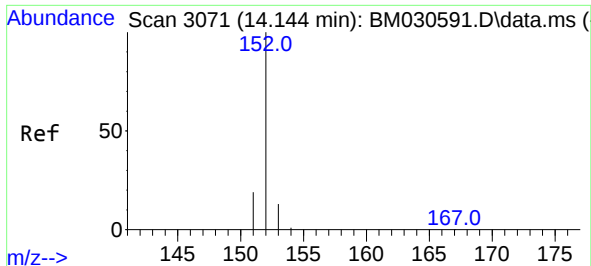
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#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.005 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:	142	Resp:	876
Ion Ratio	Lower	Upper	
142	100		
141	95.1	71.4	107.0





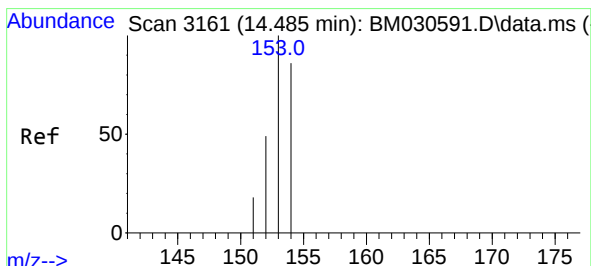
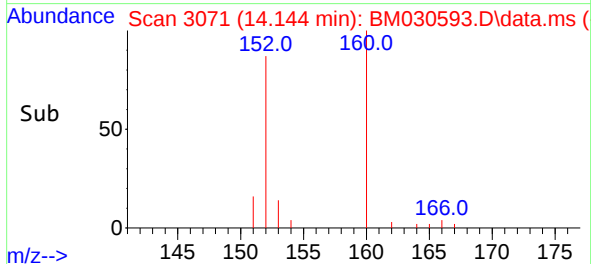
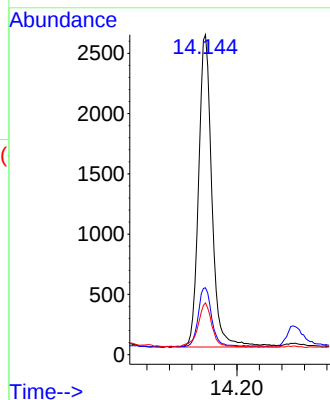
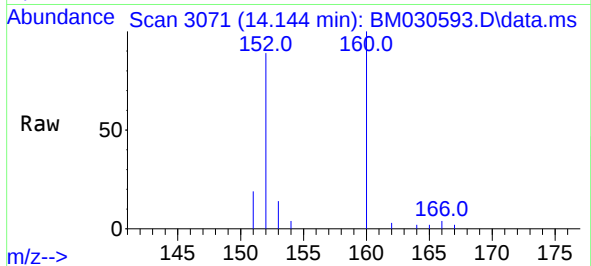
#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:	152	Resp:	4263
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.5	23.3
153	16.2	10.7	16.1#

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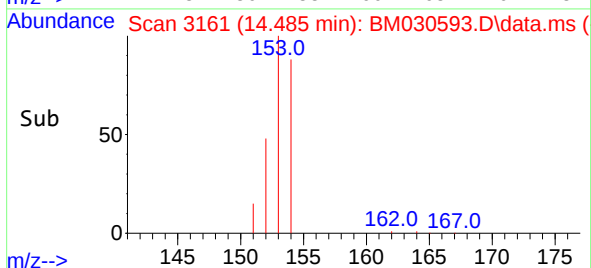
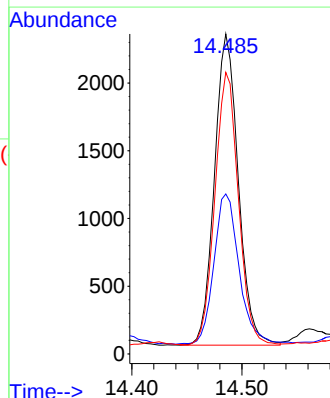
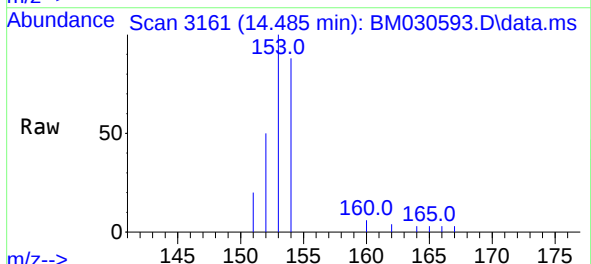
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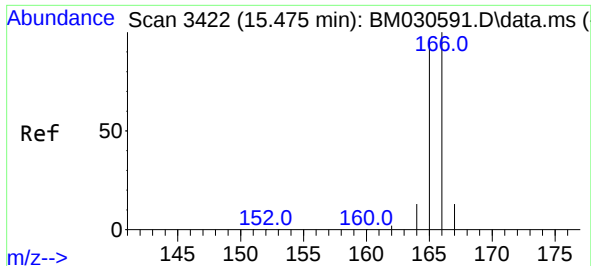
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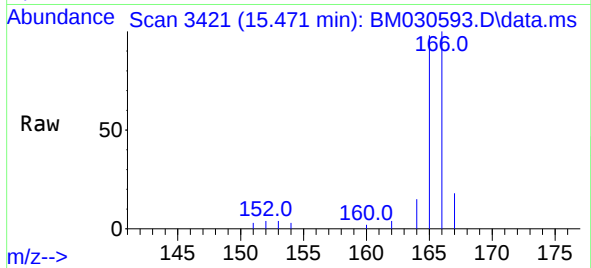
#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:	153	Resp:	3451
Ion Ratio	Lower	Upper	
153	100		
152	50.0	40.2	60.2
154	88.0	71.2	106.8

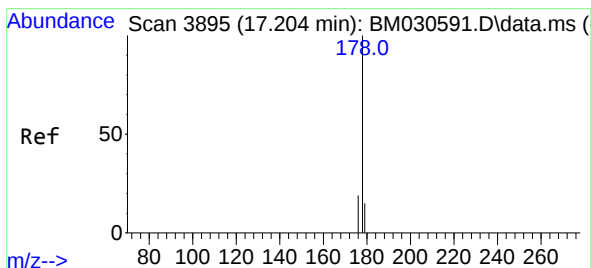
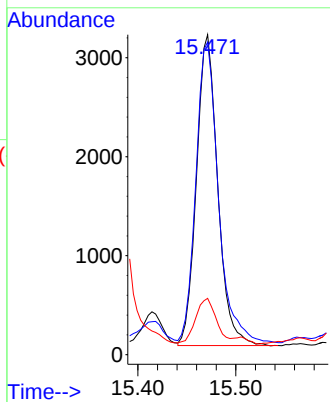
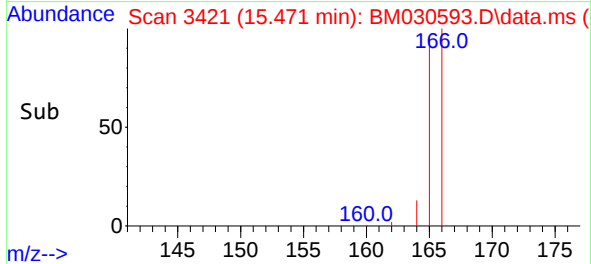




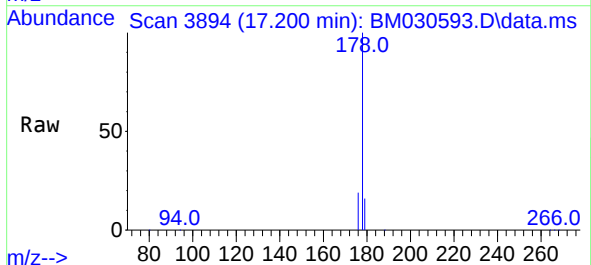
#12
Fluorene
Concen: 0.122 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52



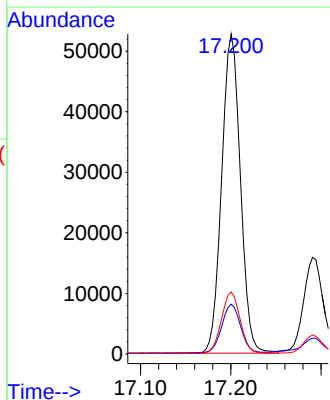
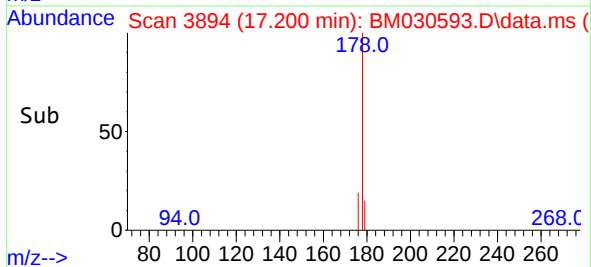
Tgt Ion:166 Resp: 4742
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 17.6 11.3 16.9#



#15
Phenanthrene
Concen: 1.144 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52



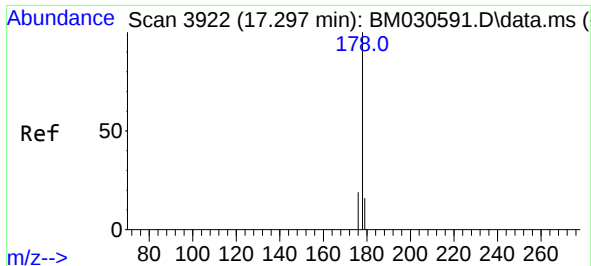
Tgt Ion:178 Resp: 75931
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.5 23.3



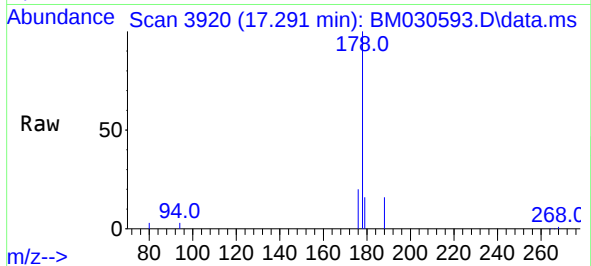
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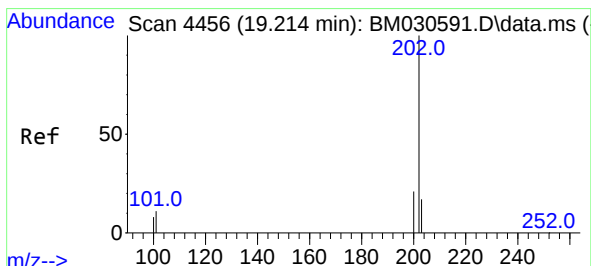
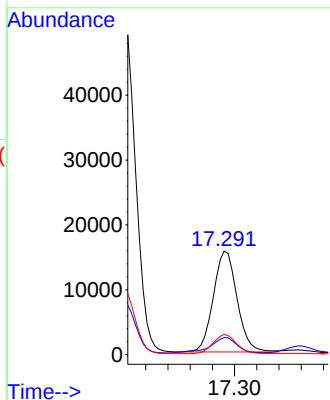
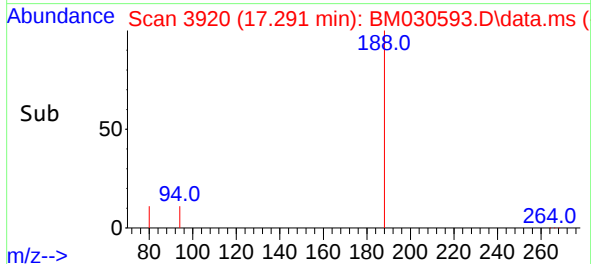
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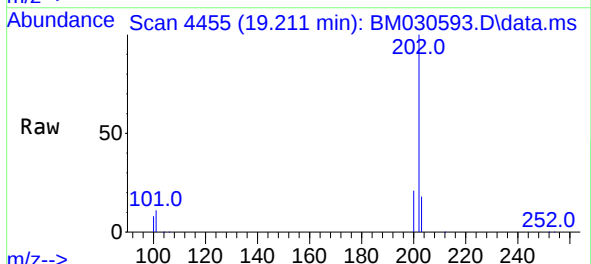
#16
 Anthracene
 Concen: 0.396 ng/u1
 RT: 17.291 min Scan# 3920
 Delta R.T. -0.007 min
 Lab File: BM030593.D
 Acq: 25 Jun 2021 09:52



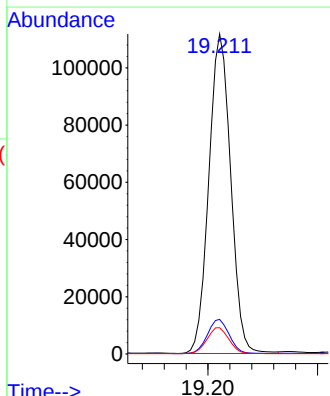
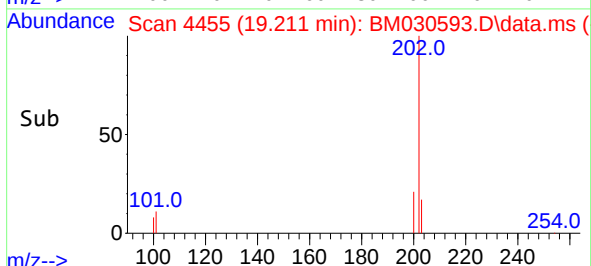
Tgt Ion:178 Resp: 23024
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.7 19.1
 176 19.7 15.2 22.8



#19
 Fluoranthene
 Concen: 2.182 ng/u1
 RT: 19.211 min Scan# 4455
 Delta R.T. -0.004 min
 Lab File: BM030593.D
 Acq: 25 Jun 2021 09:52



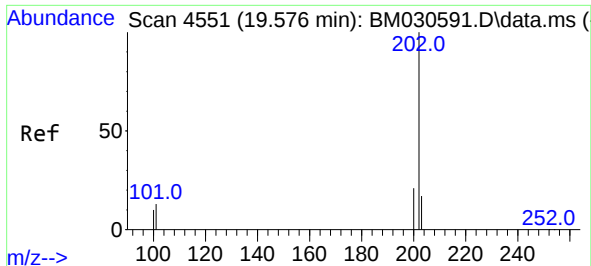
Tgt Ion:202 Resp: 154563
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.8 13.2
 100 8.2 6.9 10.3



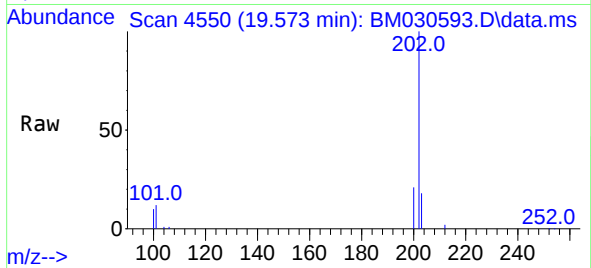
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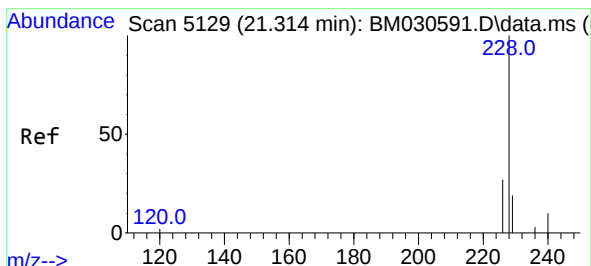
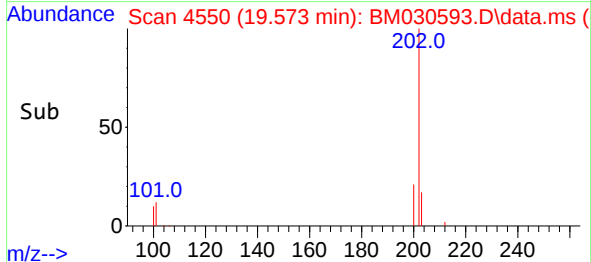
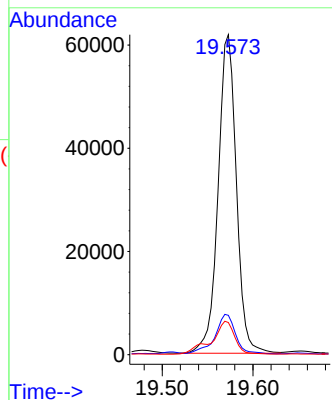
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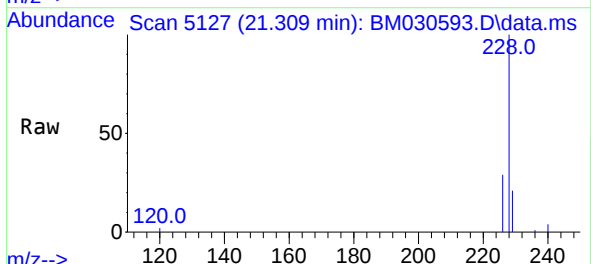
#20
Pyrene
Concen: 1.192 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030593.D
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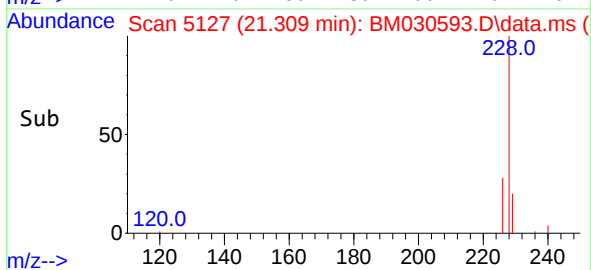
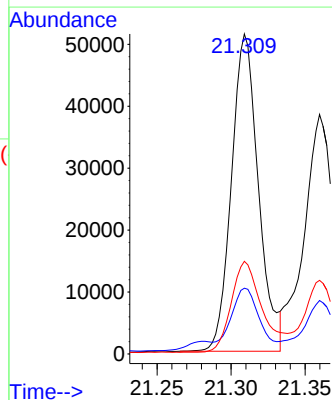
Tgt Ion:202 Resp: 86525
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 10.1 8.2 12.2



#21
Benzo(a)anthracene
Concen: 1.062 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52



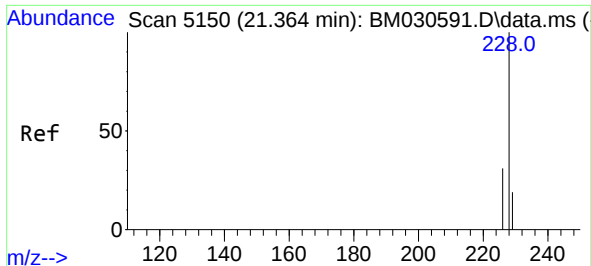
Tgt Ion:228 Resp: 65016
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 29.0 22.2 33.4



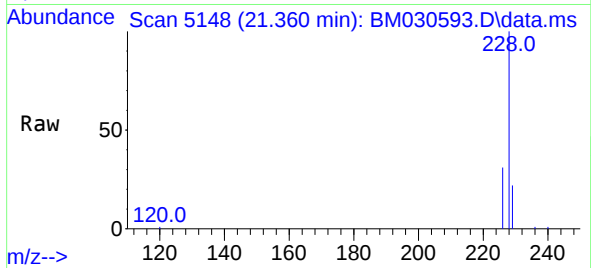
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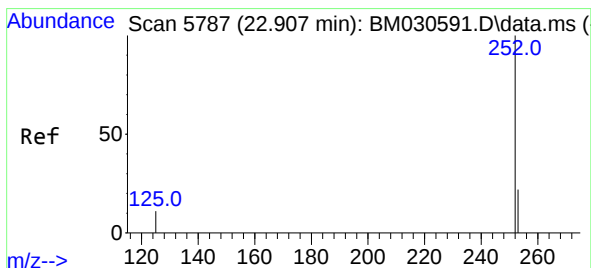
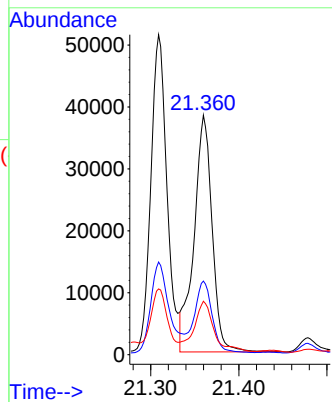
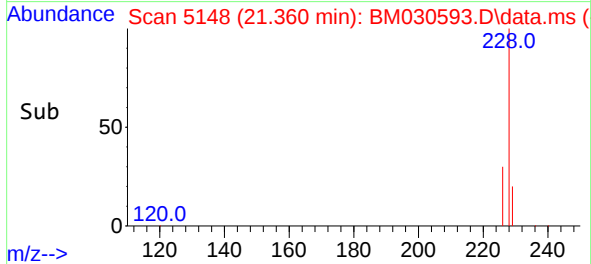
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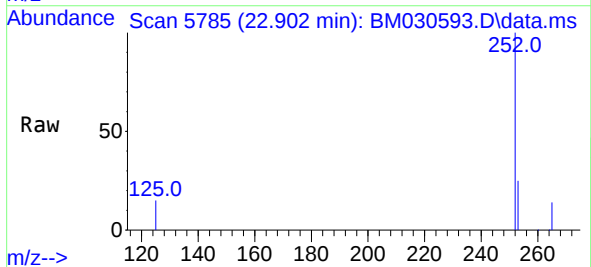
#22
Chrysene
Concen: 0.802 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52



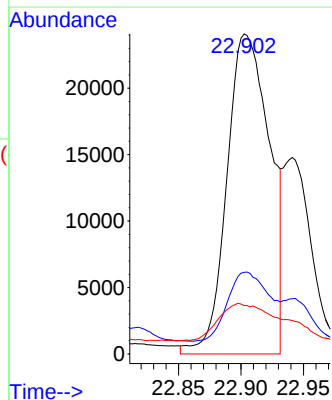
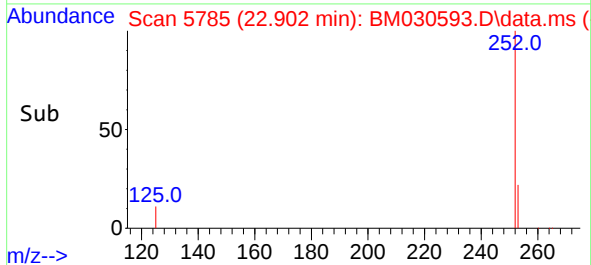
Tgt Ion:228 Resp: 54499
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 22.3 15.4 23.0



#24
Benzo(b)fluoranthene
Concen: 1.091 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52



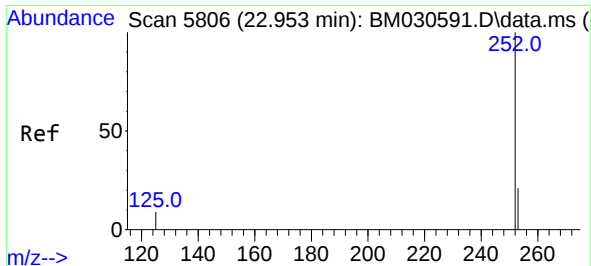
Tgt Ion:252 Resp: 57554
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.2
125 15.2 0.0 27.8



Instrument :
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ClientSampled :
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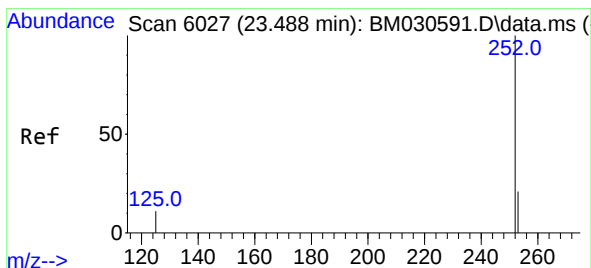
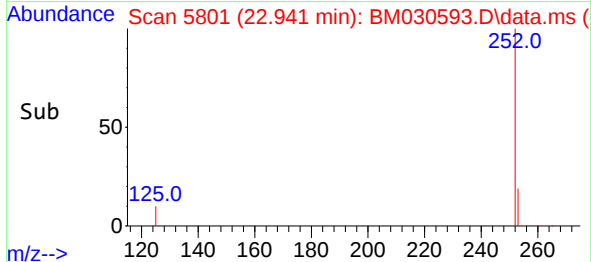
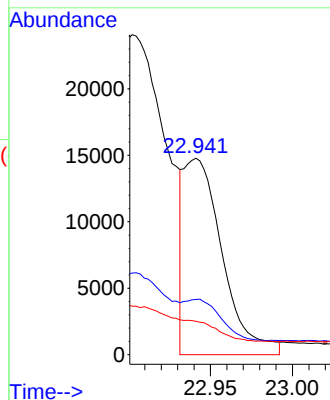
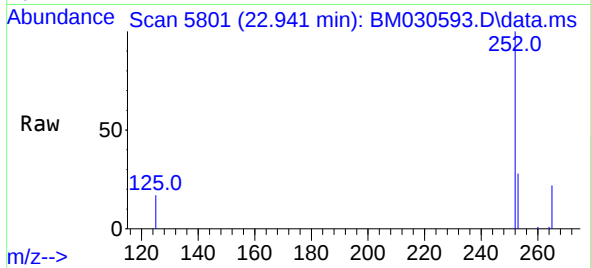
#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030593.D
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Tgt Ion:252	Resp:	24104
Ion Ratio	Lower	Upper
252	100	
253	28.1	20.6 31.0
125	17.0	11.0 16.4#

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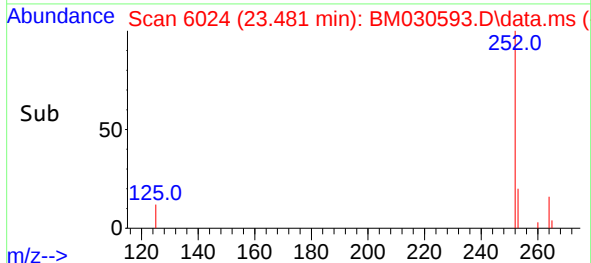
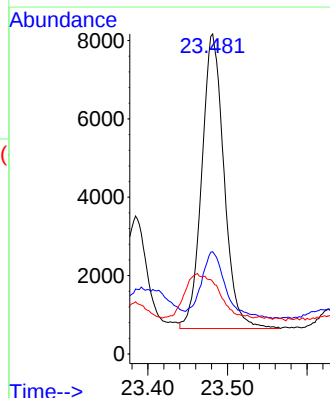
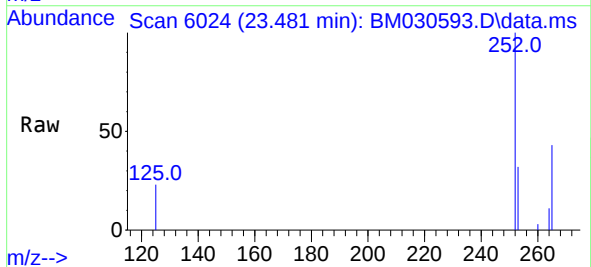
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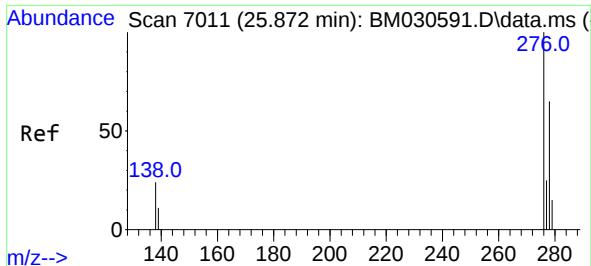
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#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:252	Resp:	14620
Ion Ratio	Lower	Upper
252	100	
253	31.9	22.0 33.0
125	22.7	13.4 20.2#





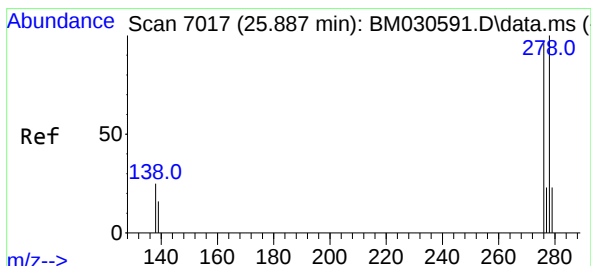
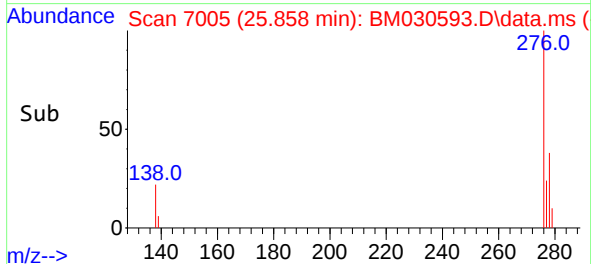
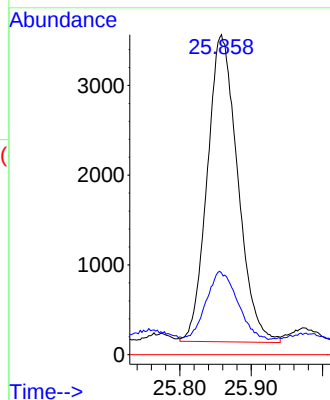
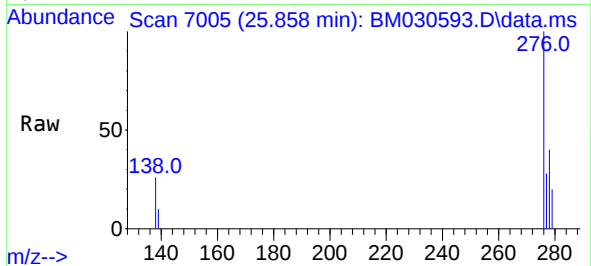
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.014 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:	276	Resp:	10136
Ion Ratio	Lower	Upper	
276	100		
138	22.3	19.1	28.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
BGD98DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:06 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.861 min Scan# 7006
Delta R.T. -0.026 min
Lab File: BM030593.D
Acq: 25 Jun 2021 09:52

Tgt Ion:	278	Resp:	4908
Ion Ratio	Lower	Upper	
278	100		
139	25.9	14.2	21.4#
279	47.2	21.6	32.4#

