

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027591.D
 Acq On : 02 Oct 2020 21:11
 Operator : JU/CG
 Sample : L4166-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Manual Integrations
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 10/5/2020 10:29:12 AM

Quant Time: Oct 03 01:37:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 13:04:03 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1146	0.40	ng/ul	0.00
2) Naphthalene-d8	10.581	136	3383	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.425	164	2455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.169	188	6060	0.40	ng/ul	0.00
16) Chrysene-d12	21.345	240	6506	0.40	ng/ul	0.00
20) Perylene-d12	23.605	264	6820	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.174	152	762	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.195	212	2467	0.15	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.631	128	1268	0.13	ng/ul#	90
5) 2-Methylnaphthalene	12.246	142	161	0.02	ng/ul	97
7) Acenaphthylene	14.148	152	676	0.05	ng/ul#	83
12) Phenanthrene	17.211	178	775	0.04	ng/ul#	81
13) Anthracene	17.301	178	892m	0.05	ng/ul	
15) Fluoranthene	19.222	202	2880	0.13	ng/ul	97
17) Pyrene	19.584	202	23108	0.78	ng/ul	97
18) Benzo(a)anthracene	21.328	228	2368m	0.09	ng/ul	
19) Chrysene	21.379	228	7597	0.29	ng/ul	98
21) Benzo(b)fluoranthene	22.929	252	14095m	0.51	ng/ul	
22) Benzo(k)fluoranthene	22.968	252	5500m	0.19	ng/ul	
23) Benzo(a)pyrene	23.508	252	8668	0.35	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.885	276	5276	0.17	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.890	278	1805	0.07	ng/ul#	62
26) Benzo(g,h,i)perylene	26.578	276	3941	0.15	ng/ul#	92

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

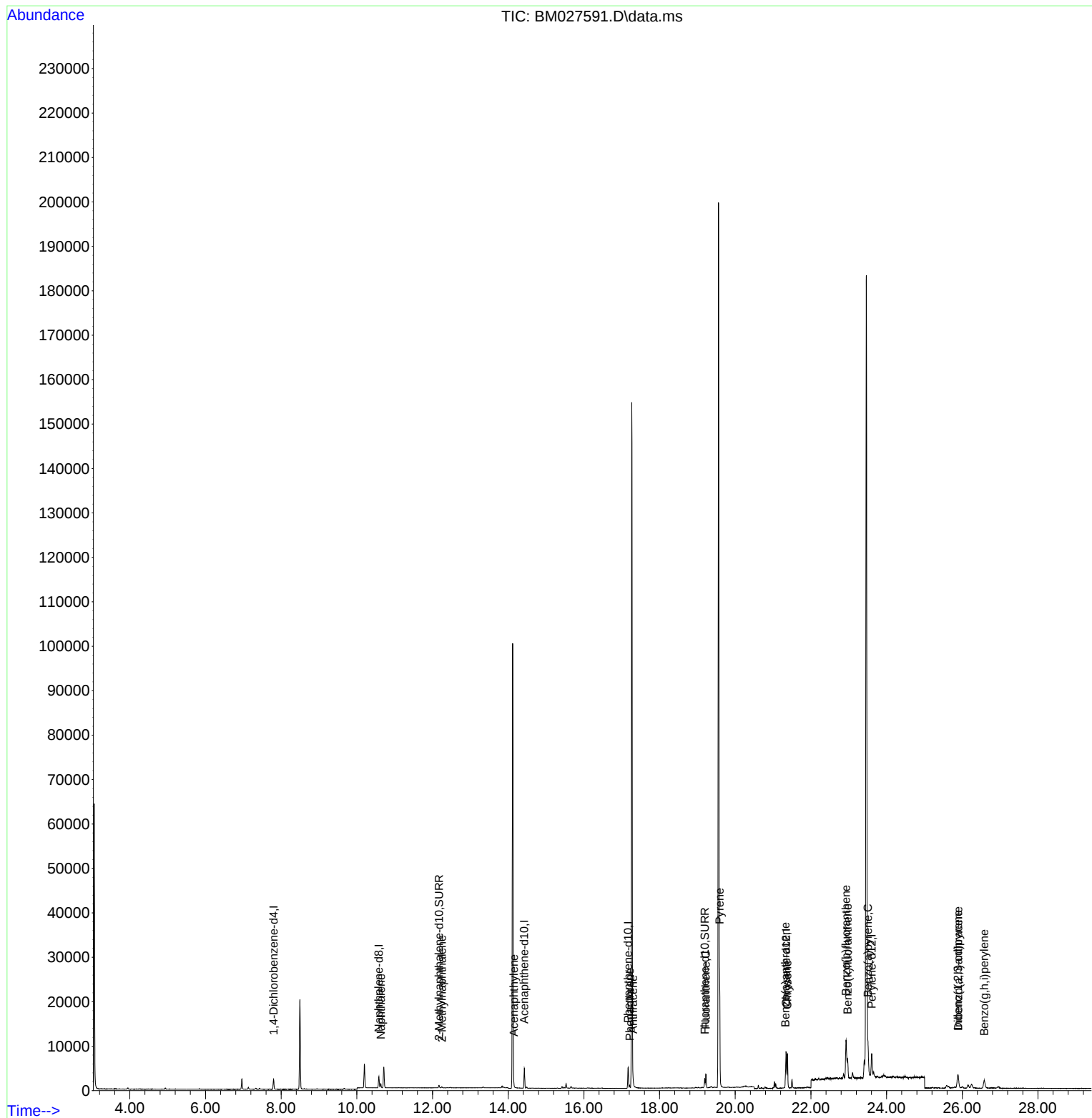
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
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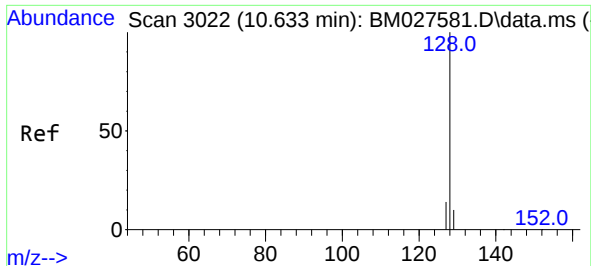
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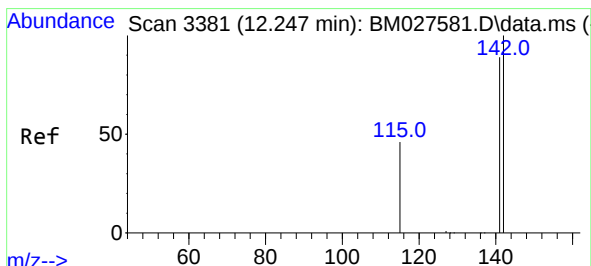
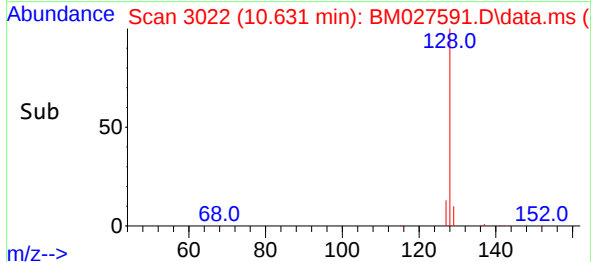
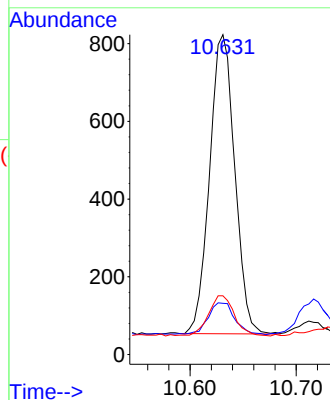
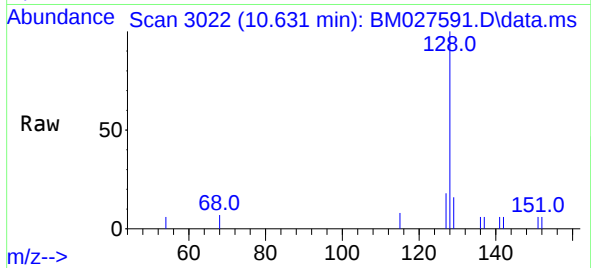
#3
Naphthalene
Concen: 0.13 ng/ul
RT: 10.631 min Scan# 3022
Delta R.T. -0.002 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

Tgt Ion:	128	Resp:	1268
Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.9	14.9#
127	18.3	11.4	17.2#

Instrument :
BNA_M
ClientSampled :
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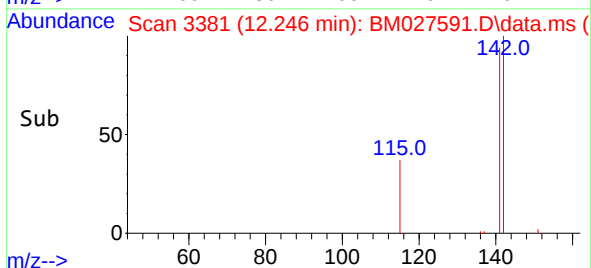
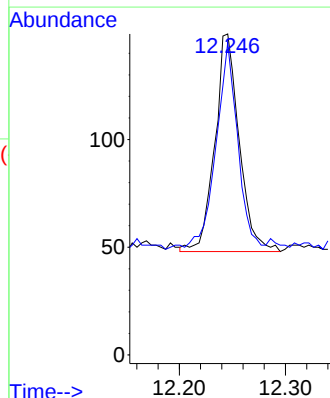
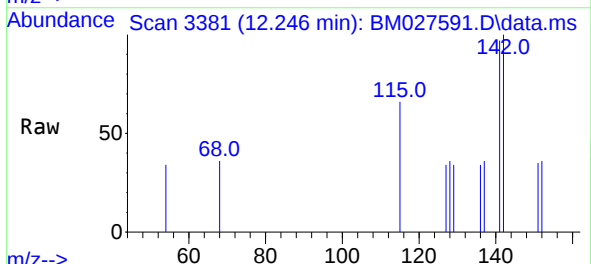
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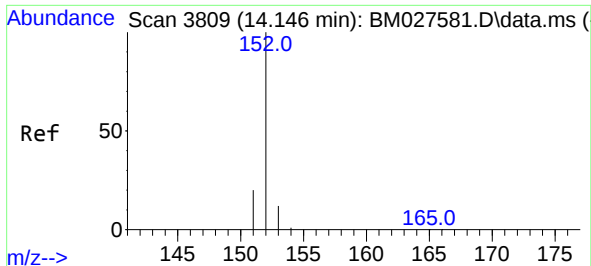
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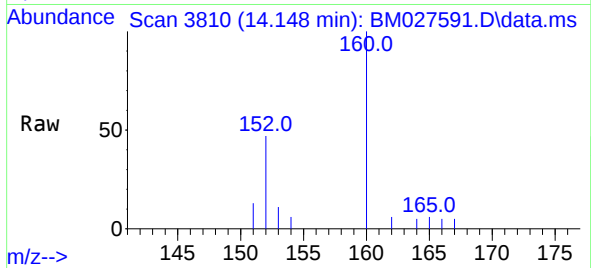
#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.246 min Scan# 3381
Delta R.T. -0.002 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

Tgt Ion:	142	Resp:	161
Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.9	106.3

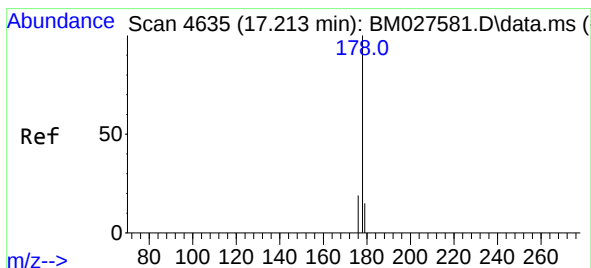
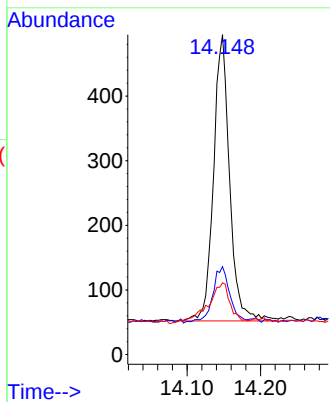
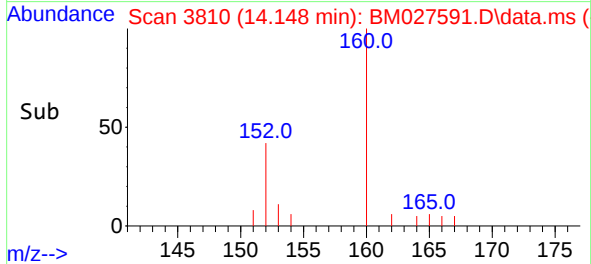




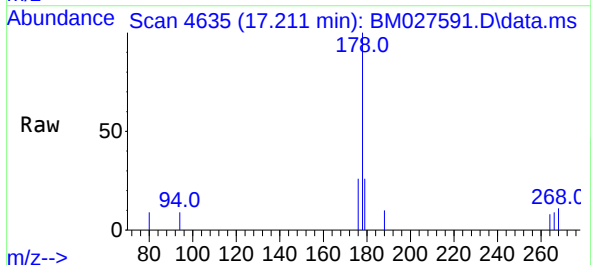
#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.148 min Scan# 3810
Delta R.T. -0.002 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11



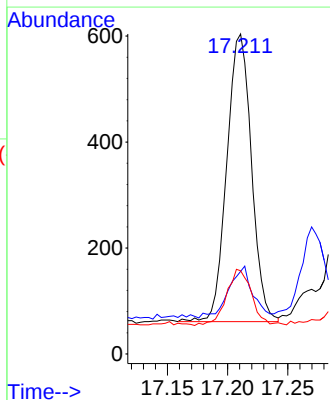
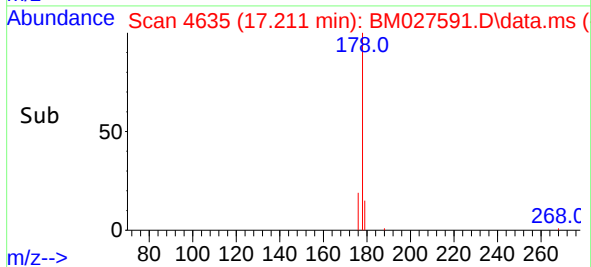
Tgt Ion:152 Resp: 676
Ion Ratio Lower Upper
152 100
151 27.5 16.6 24.8#
153 22.4 11.4 17.0#



#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.211 min Scan# 4635
Delta R.T. -0.002 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11



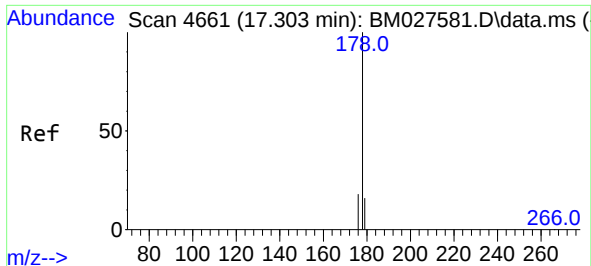
Tgt Ion:178 Resp: 775
Ion Ratio Lower Upper
178 100
179 25.8 12.9 19.3#
176 26.0 15.3 22.9#



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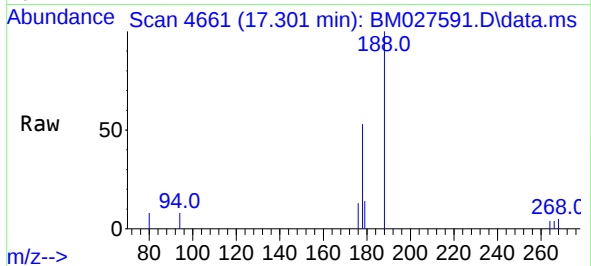
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#13
 Anthracene
 Concen: 0.05 ng/ul m
 RT: 17.301 min Scan# 4661
 Delta R.T. -0.002 min
 Lab File: BM027591.D
 Acq: 02 Oct 2020 21:11

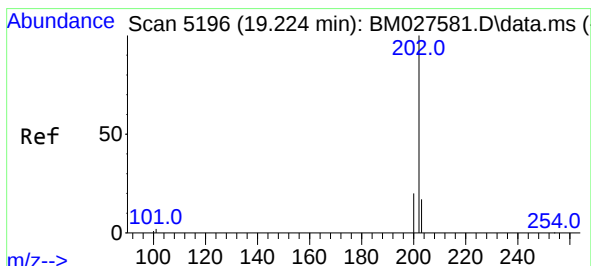
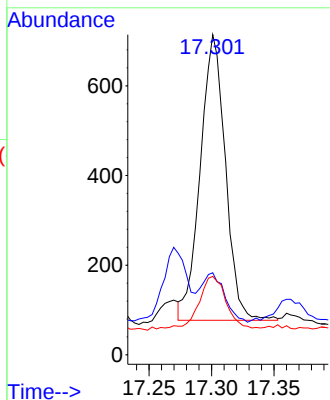
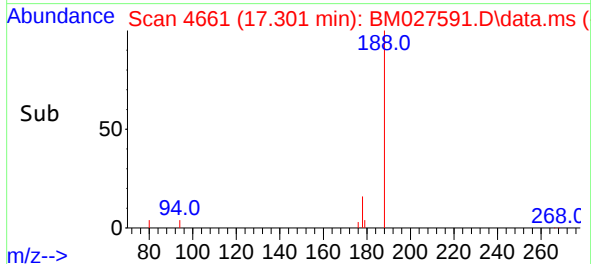
Instrument :
 BNA_M
 ClientSampleId :
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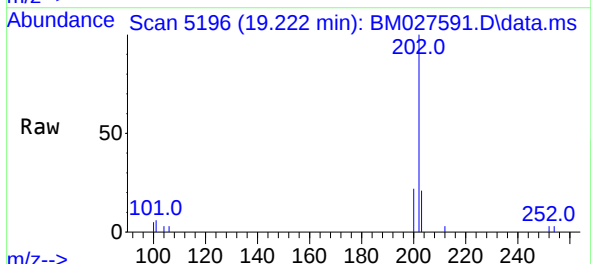
Tgt Ion:178 Resp: 892
 Ion Ratio Lower Upper
 178 100
 179 25.6 13.0 19.4#
 176 24.5 15.2 22.8#

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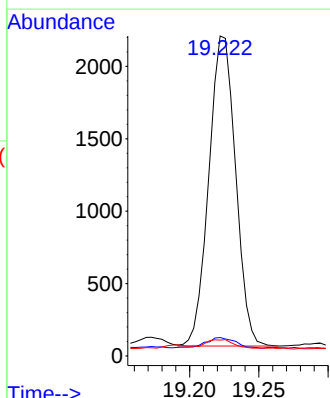
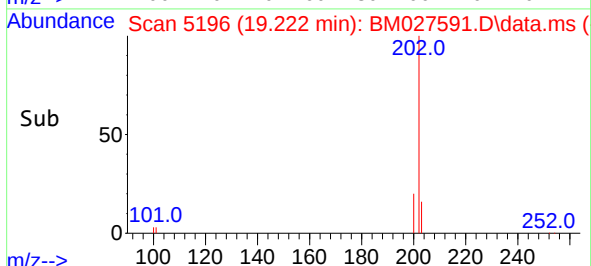
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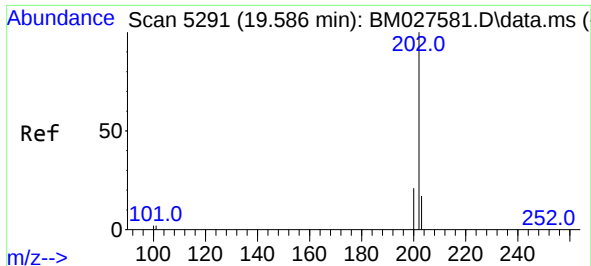


#15
 Fluoranthene
 Concen: 0.13 ng/ul
 RT: 19.222 min Scan# 5196
 Delta R.T. -0.006 min
 Lab File: BM027591.D
 Acq: 02 Oct 2020 21:11

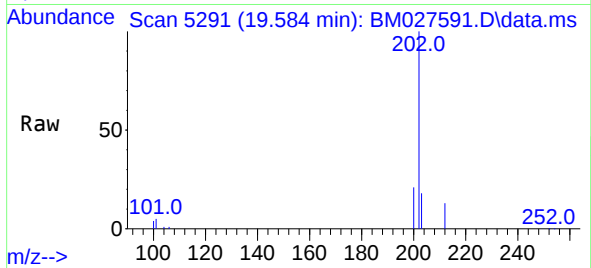


Tgt Ion:202 Resp: 2880
 Ion Ratio Lower Upper
 202 100
 101 5.7 0.0 24.9
 100 5.0 0.0 24.1

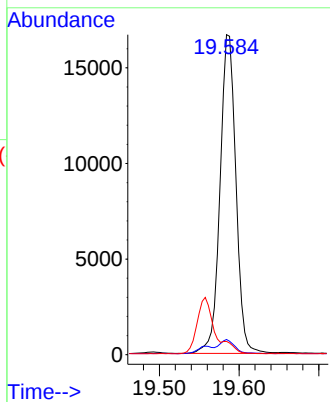
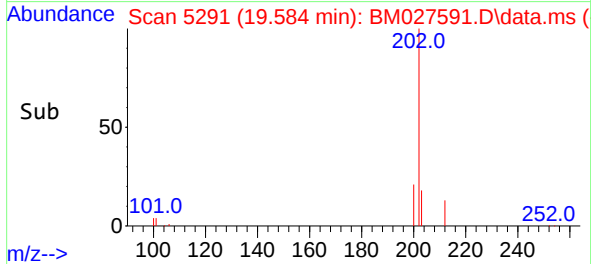




#17
Pyrene
Concen: 0.78 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. -0.006 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11



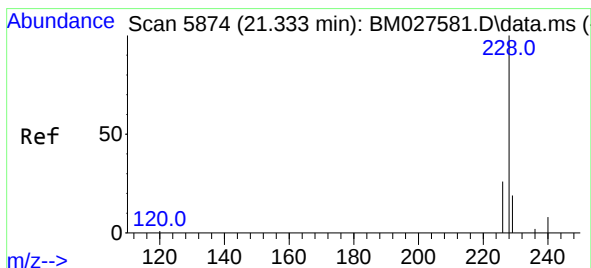
Tgt Ion:202 Resp: 23108
Ion Ratio Lower Upper
202 100
101 4.8 4.7 7.1
100 4.1 3.9 5.9



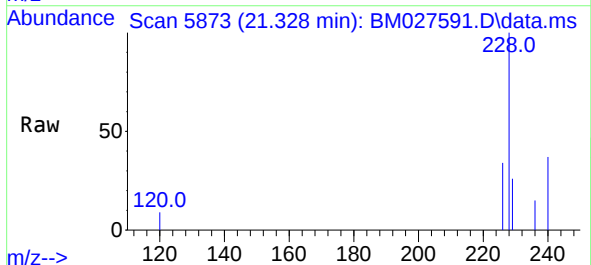
Instrument :
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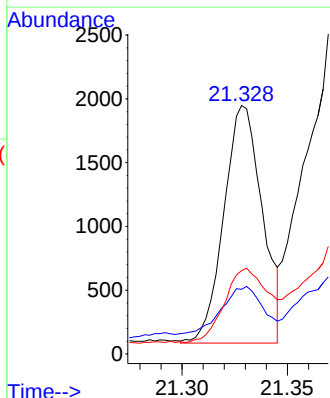
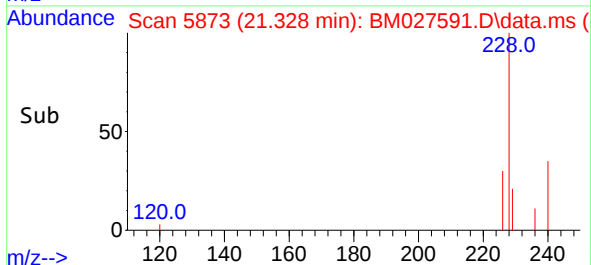
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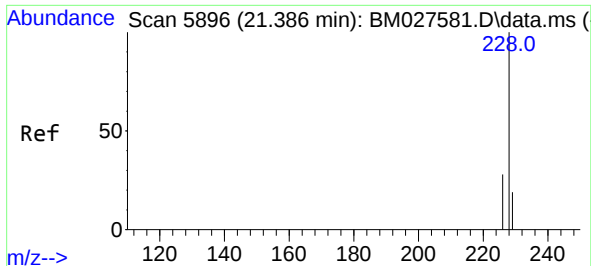


#18
Benzo(a)anthracene
Concen: 0.09 ng/ul m
RT: 21.328 min Scan# 5873
Delta R.T. -0.007 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

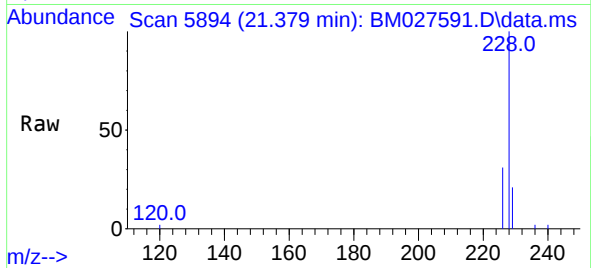


Tgt Ion:228 Resp: 2368
Ion Ratio Lower Upper
228 100
229 26.0 15.6 23.4#
226 33.6 21.8 32.8#

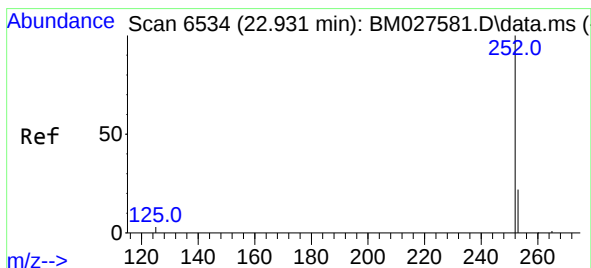
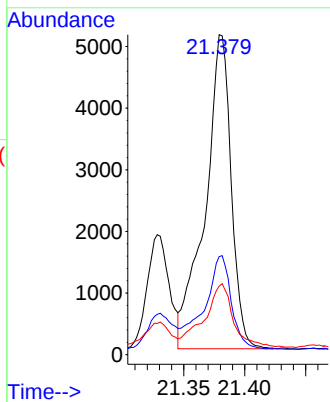
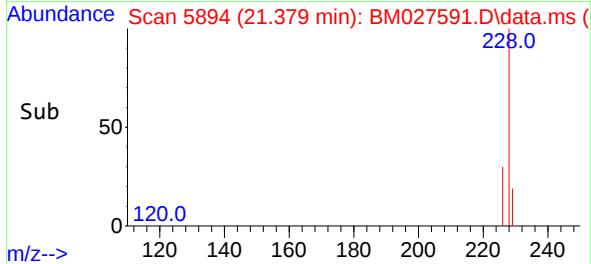




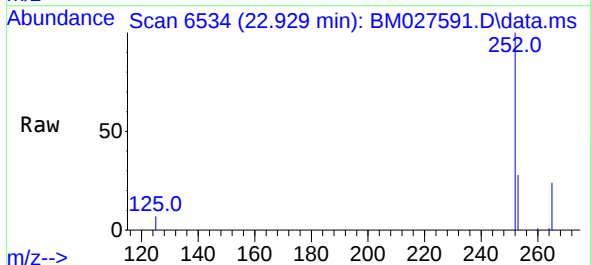
#19
Chrysene
Concen: 0.29 ng/u1
RT: 21.379 min Scan# 5894
Delta R.T. -0.007 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11



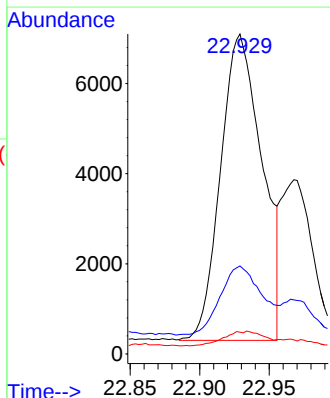
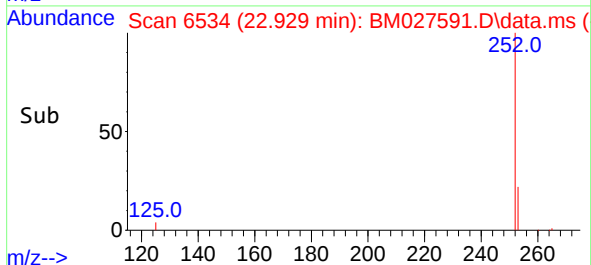
Tgt Ion:	228	Resp:	7597
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.4	15.8	23.8



#21
Benzo(b)fluoranthene
Concen: 0.51 ng/u1 m
RT: 22.929 min Scan# 6534
Delta R.T. -0.005 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11



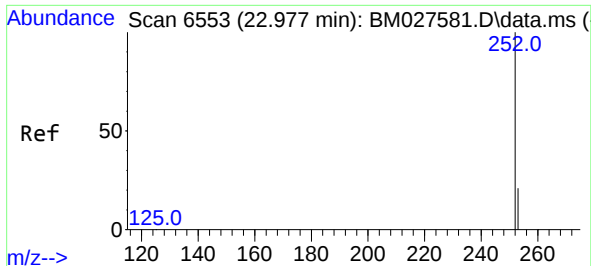
Tgt Ion:	252	Resp:	14095
Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	48.2
125	6.8	0.0	10.6



Instrument :
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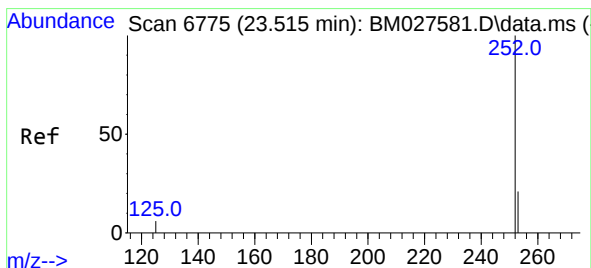
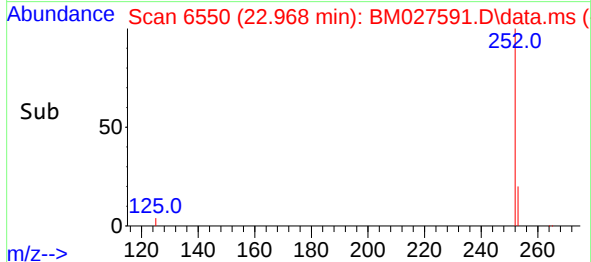
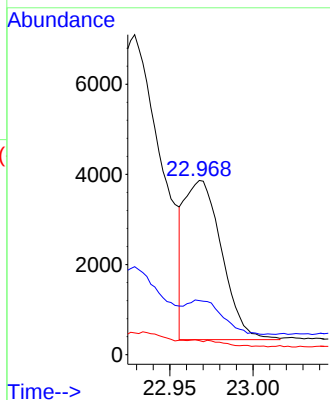
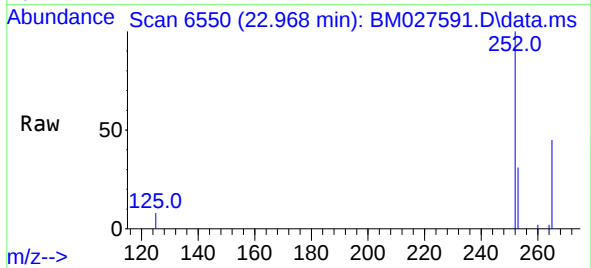
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Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.968 min Scan# 6550
Delta R.T. -0.012 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

Tgt Ion:	252	Resp:	5500
Ion Ratio	Lower	Upper	
252	100		
253	31.0	19.1	28.7#
125	8.1	5.0	7.4#

Instrument :
BNA_M
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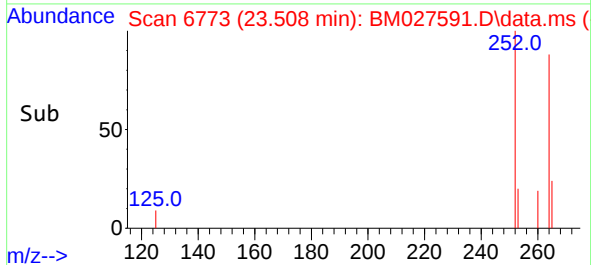
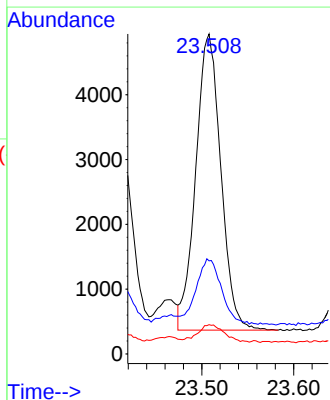
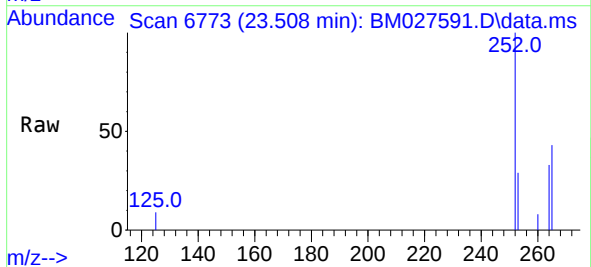
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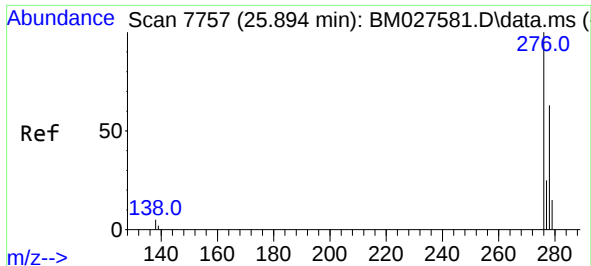
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#23
Benzo(a)pyrene
Concen: 0.35 ng/ul
RT: 23.508 min Scan# 6773
Delta R.T. -0.007 min
Lab File: BM027591.D
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Tgt Ion:	252	Resp:	8668
Ion Ratio	Lower	Upper	
252	100		
253	29.1	19.6	29.4
125	9.2	5.0	7.6#





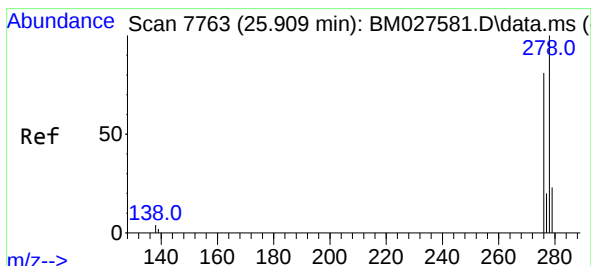
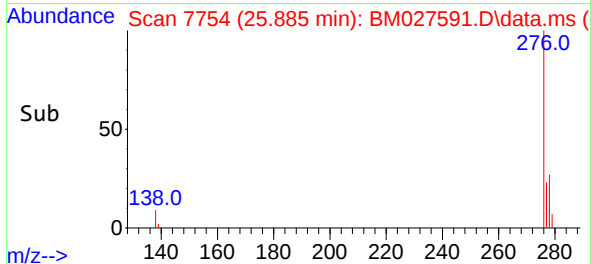
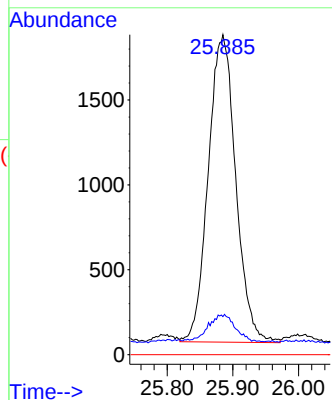
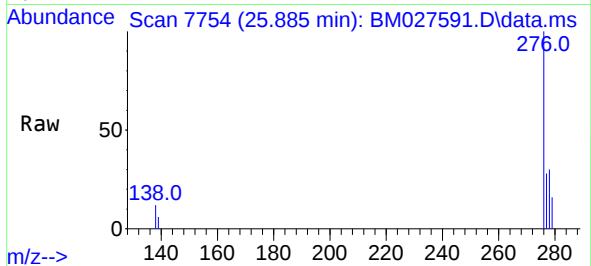
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng/ul
RT: 25.885 min Scan# 7754
Delta R.T. -0.010 min
Lab File: BM027591.D
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Tgt Ion:	276	Resp:	5276
Ion Ratio	Lower	Upper	
276	100		
138	8.5	8.6	12.8#
227	0.0	0.0	0.0

Instrument :
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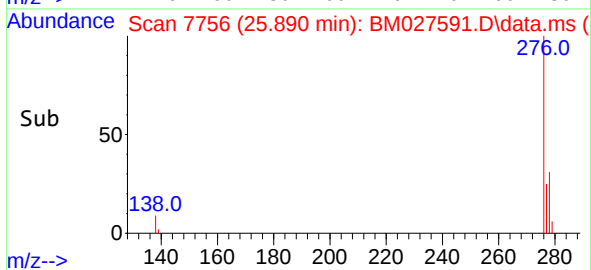
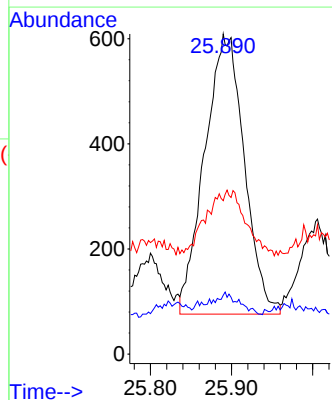
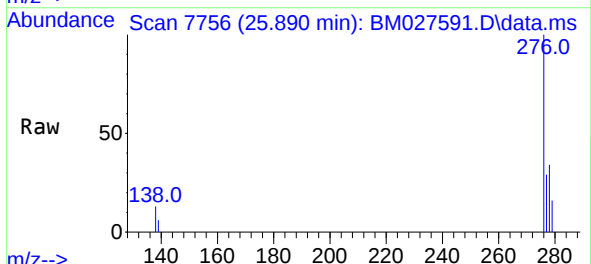
Manual Integrations
APPROVED

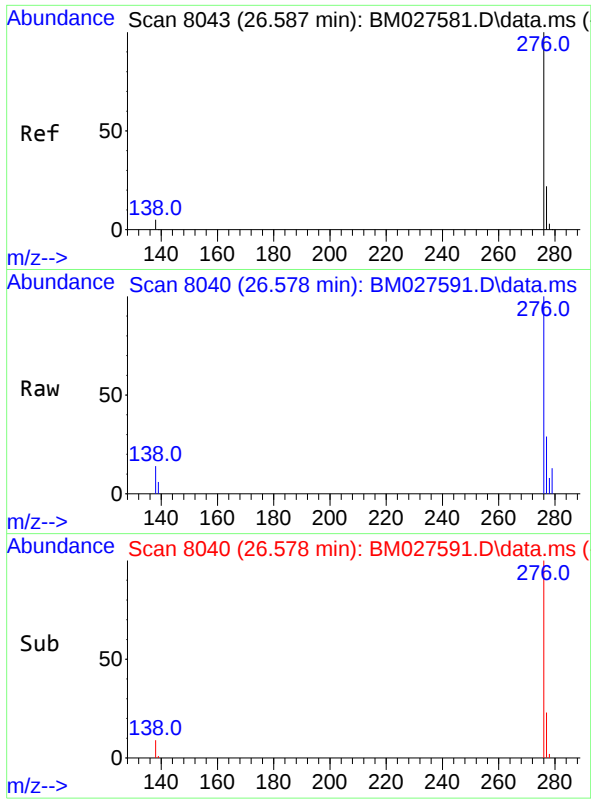
mohammad
10/5/2020 10:29:12 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.890 min Scan# 7756
Delta R.T. -0.022 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

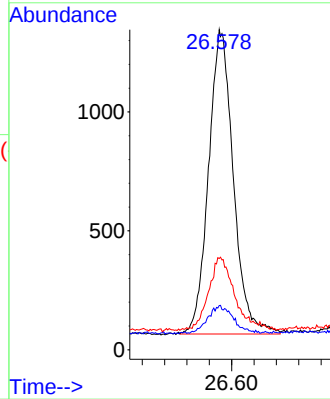
Tgt Ion:	278	Resp:	1805
Ion Ratio	Lower	Upper	
278	100		
139	18.4	7.6	11.4#
279	47.9	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.15 ng/ul
RT: 26.578 min Scan# 8040
Delta R.T. -0.017 min
Lab File: BM027591.D
Acq: 02 Oct 2020 21:11

Tgt Ion	276	Ratio	100	Resp	3941
Ion	276	100			
Ratio	138	13.8	9.0	13.4	#
Lower	277	28.5	19.4	29.0	
Upper					



Instrument :
BNA_M
ClientSampleId :
C0AC7

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