

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027629.D
 Acq On : 06 Oct 2020 09:39
 Operator : JU/CG
 Sample : L4184-11DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL5DL

Manual Integrations
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Quant Time: Oct 06 10:17:13 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 : Mon Oct 05 10:43:07 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	806	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	4253	0.40	ng/ul	# 0.00
6) Acenaphthene-d10	14.421	164	3003	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.166	188	7380	0.40	ng/ul	# 0.00
16) Chrysene-d12	21.343	240	8291	0.40	ng/ul	0.00
20) Perylene-d12	23.603	264	9330	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.164	152	532	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	1741	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.626	128	331	0.03	ng/ul#	57
5) 2-Methylnaphthalene	12.241	142	270	0.03	ng/ul	95
7) Acenaphthylene	14.140	152	720	0.05	ng/ul#	83
8) Acenaphthene	14.482	153	275	0.03	ng/ul	96
9) Fluorene	15.471	166	347	0.03	ng/ul#	91
12) Phenanthrene	17.204	178	7527	0.33	ng/ul	98
13) Anthracene	17.298	178	1950m	0.09	ng/ul	
15) Fluoranthene	19.218	202	24552	0.90	ng/ul	98
17) Pyrene	19.584	202	22975	0.61	ng/ul#	96
18) Benzo(a)anthracene	21.328	228	14263	0.44	ng/ul	97
19) Chrysene	21.379	228	16143	0.48	ng/ul	97
21) Benzo(b)fluoranthene	22.927	252	25860m	0.69	ng/ul	
22) Benzo(k)fluoranthene	22.965	252	10666m	0.27	ng/ul	
23) Benzo(a)pyrene	23.506	252	16522	0.49	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.878	276	12985	0.30	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.882	278	3552	0.10	ng/ul#	76
26) Benzo(g,h,i)perylene	26.571	276	11938	0.33	ng/ul	97

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

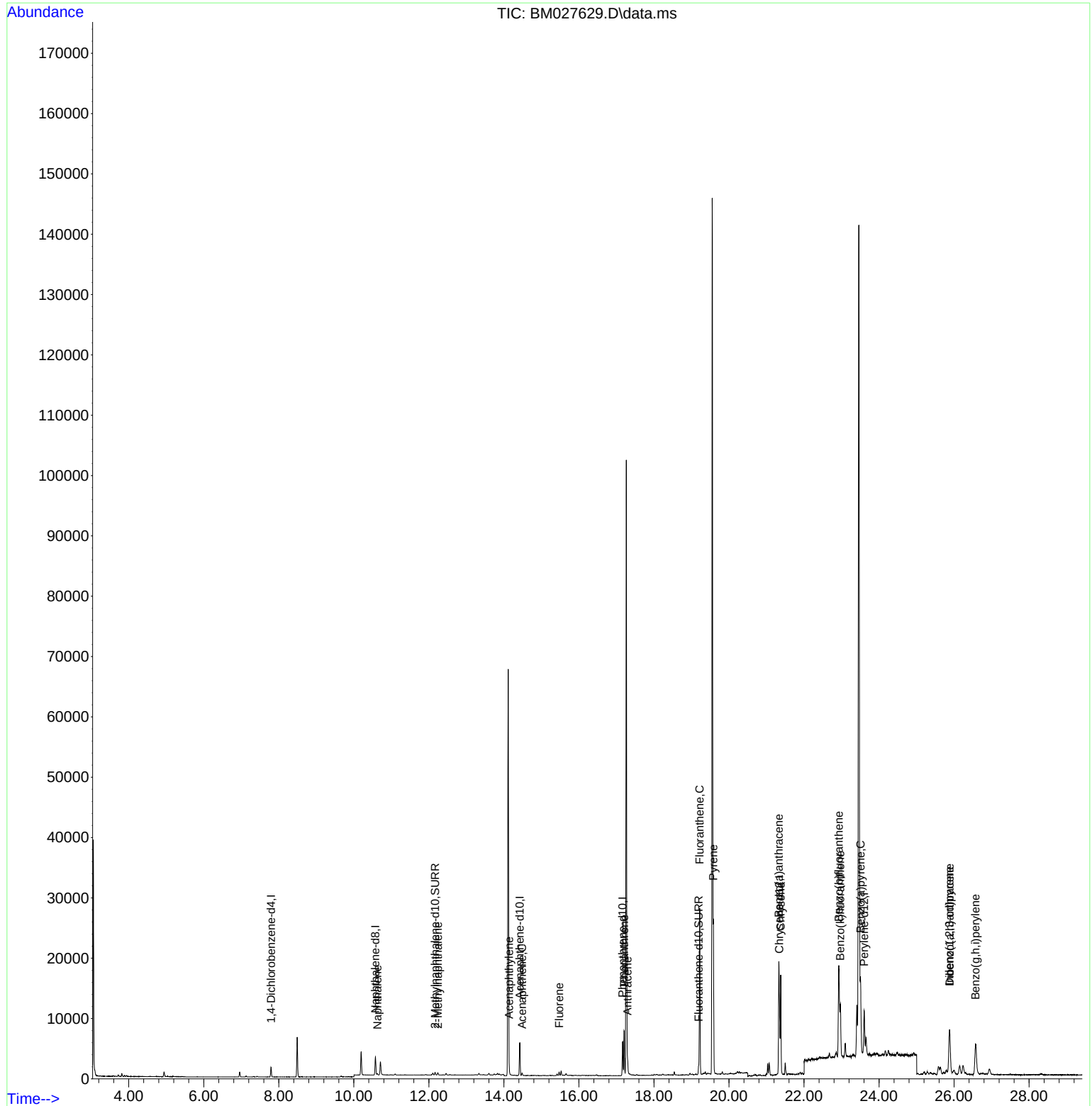
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Data File : BM027629.D
Acq On : 06 Oct 2020 09:39
Operator : JU/CG
Sample : L4184-11DL 2X
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ALS Vial : 33 Sample Multiplier: 1

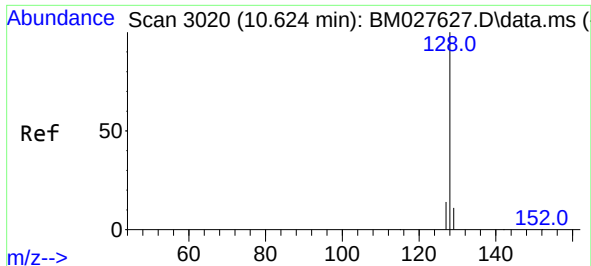
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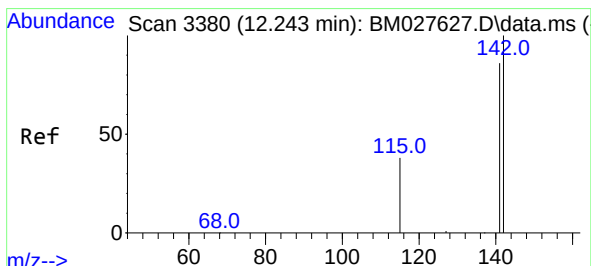
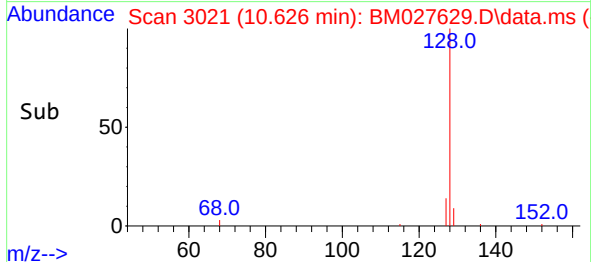
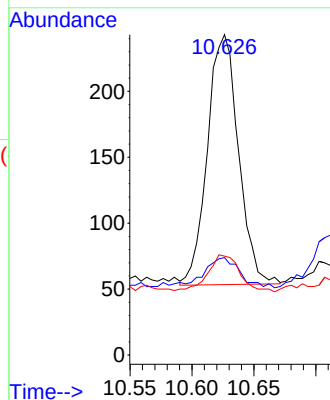
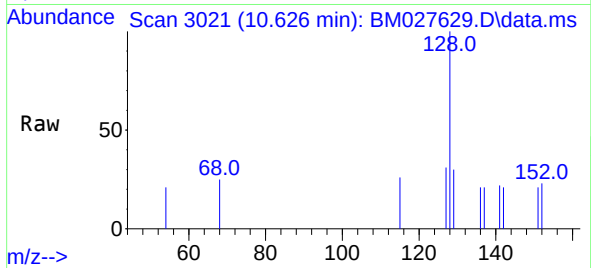
#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.626 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:128 Resp: 331
Ion Ratio Lower Upper
128 100
129 30.5 9.9 14.9#
127 30.9 11.4 17.2#

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

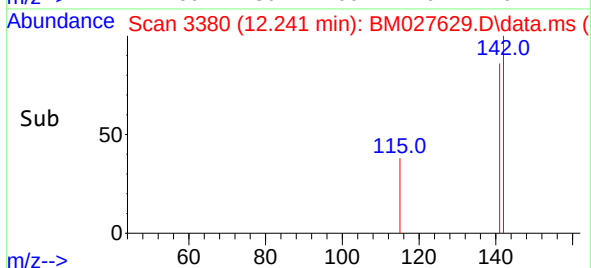
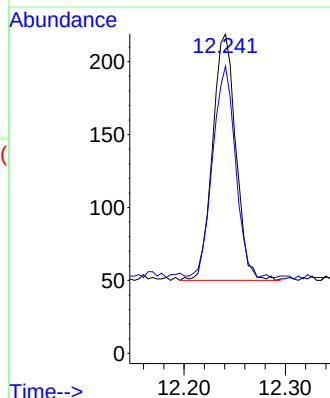
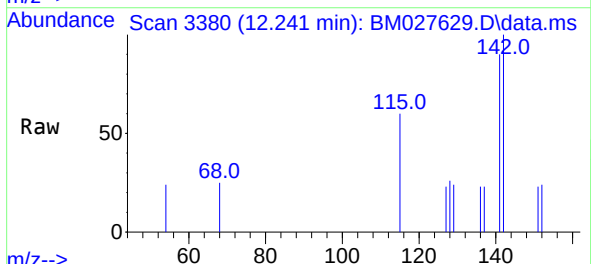
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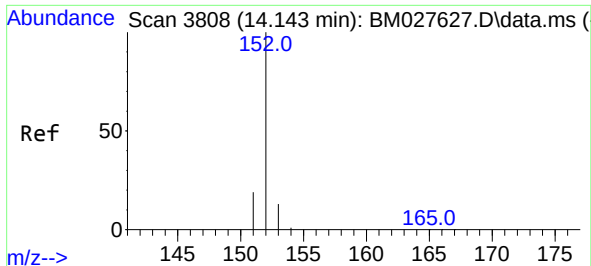
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#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.241 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:142 Resp: 270
Ion Ratio Lower Upper
142 100
141 84.1 70.9 106.3





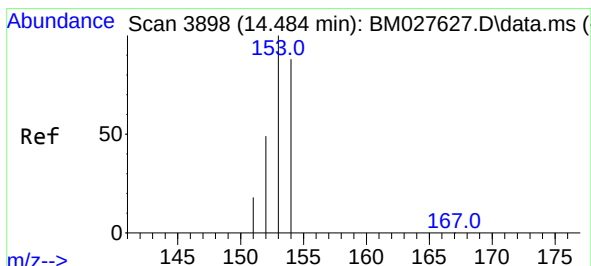
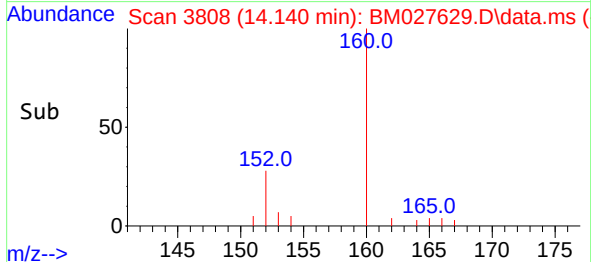
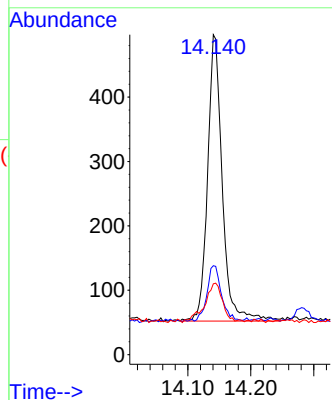
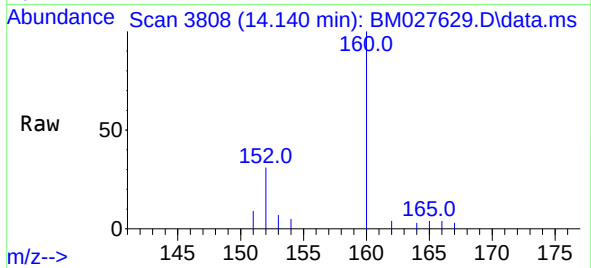
#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.140 min Scan# 3808
Delta R.T. -0.004 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:	152	Resp:	720
Ion Ratio	Lower	Upper	
152	100		
151	27.8	16.6	24.8#
153	22.1	11.4	17.0#

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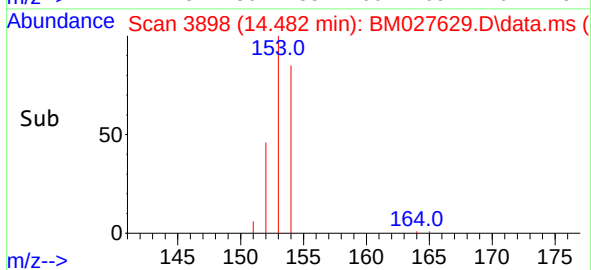
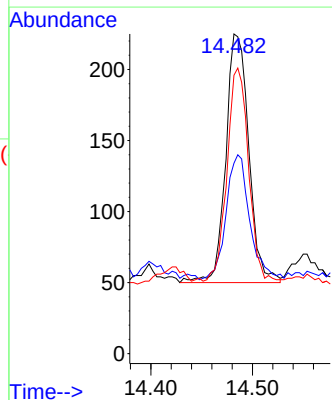
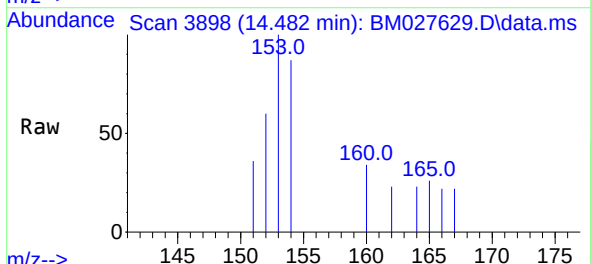
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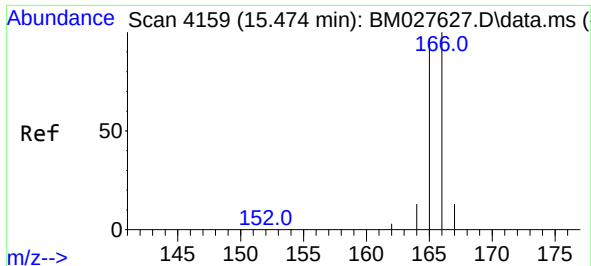
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#8
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.482 min Scan# 3898
Delta R.T. -0.004 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

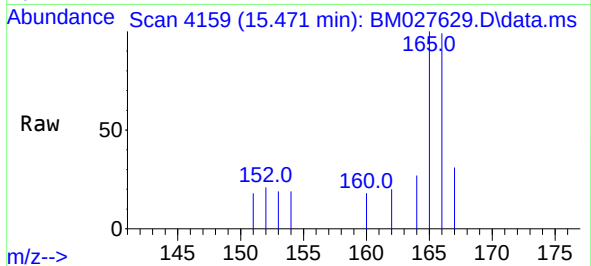
Tgt Ion:	153	Resp:	275
Ion Ratio	Lower	Upper	
153	100		
152	59.6	42.8	64.2
154	87.1	69.0	103.6





#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.471 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

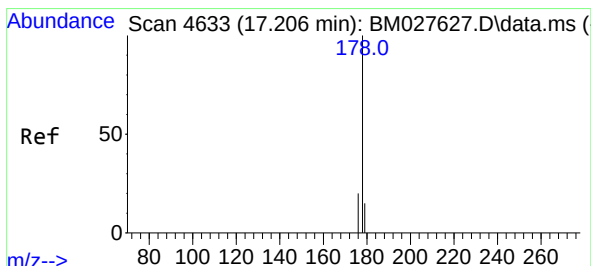
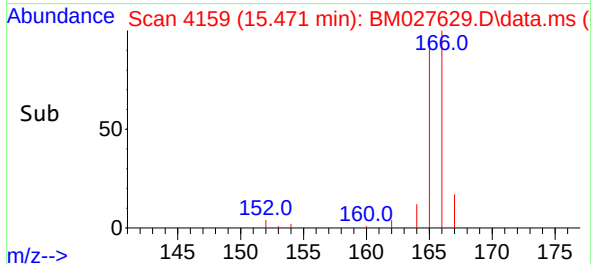
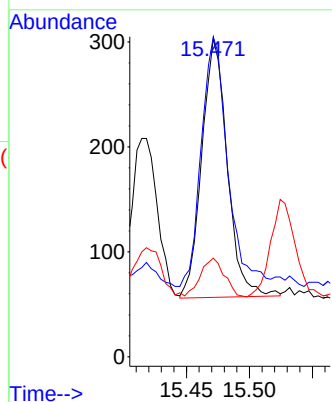
Instrument :
BNA_M
ClientSampleId :
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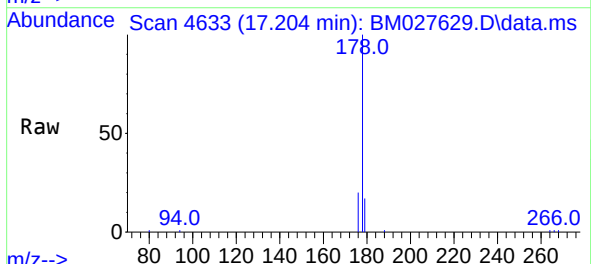
Tgt Ion:	166	Resp:	347
Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.2	115.8
167	31.0	11.1	16.7#

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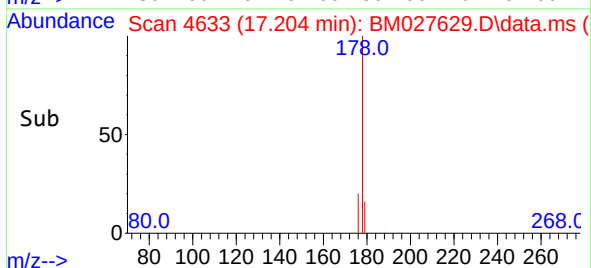
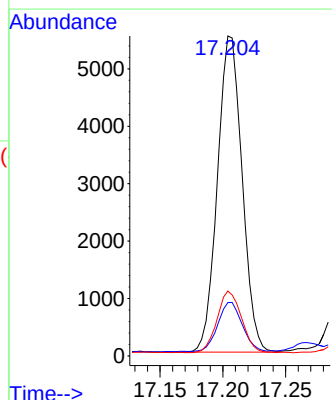
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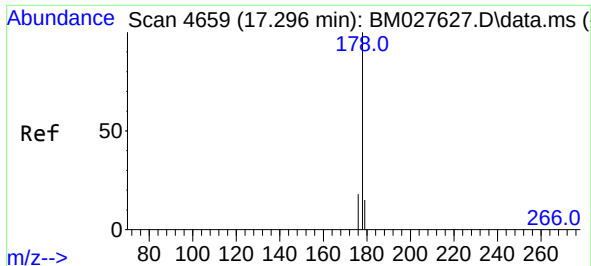


#12
Phenanthrene
Concen: 0.33 ng/ul
RT: 17.204 min Scan# 4633
Delta R.T. -0.003 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39



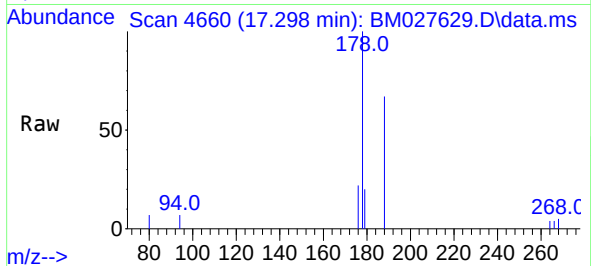
Tgt Ion:	178	Resp:	7527
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.3	15.3	22.9





#13
 Anthracene
 Concen: 0.09 ng/ul m
 RT: 17.298 min Scan# 4660
 Delta R.T. 0.000 min
 Lab File: BM027629.D
 Acq: 06 Oct 2020 09:39

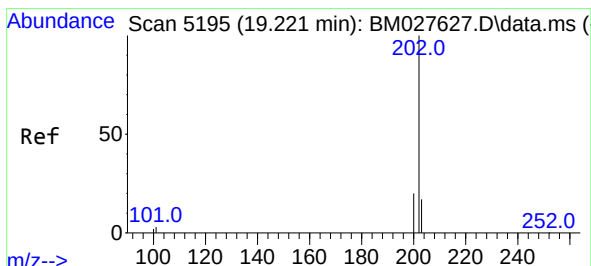
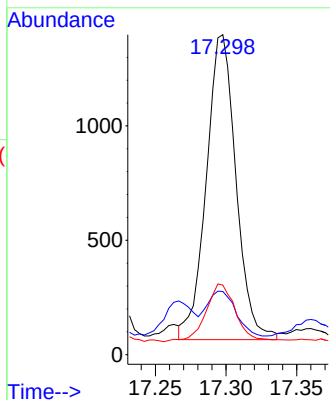
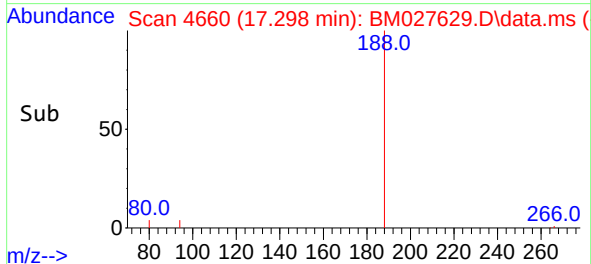
Instrument :
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 ClientSampleId :
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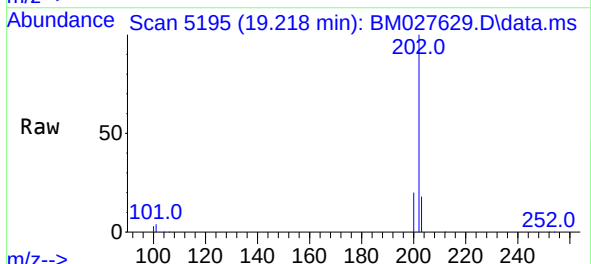
Tgt Ion:178 Resp: 1950
 Ion Ratio Lower Upper
 178 100
 179 19.7 13.0 19.4#
 176 21.7 15.2 22.8

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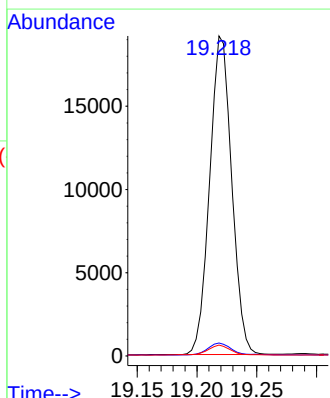
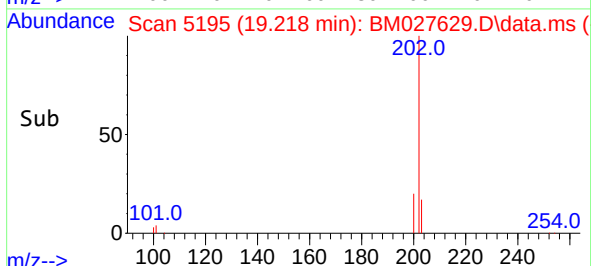
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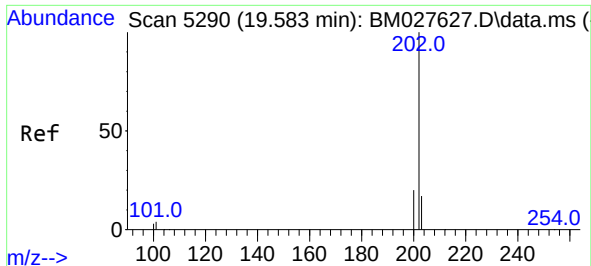


#15
 Fluoranthene
 Concen: 0.90 ng/ul
 RT: 19.218 min Scan# 5195
 Delta R.T. -0.004 min
 Lab File: BM027629.D
 Acq: 06 Oct 2020 09:39

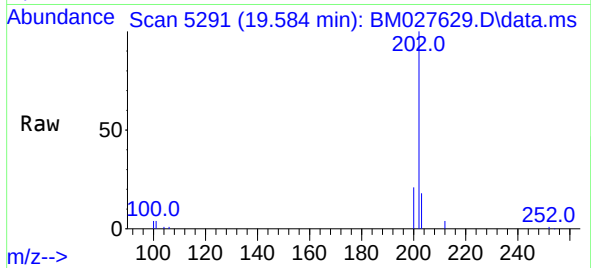


Tgt Ion:202 Resp: 24552
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 24.9
 100 3.4 0.0 24.1

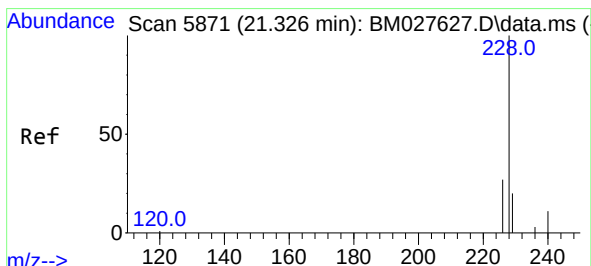
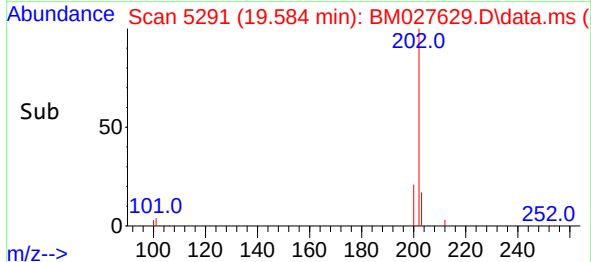
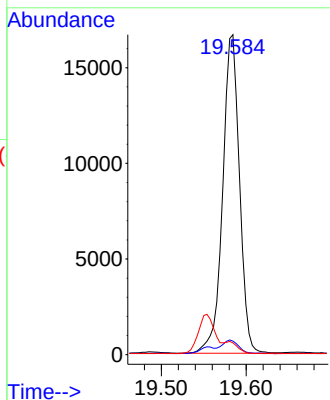




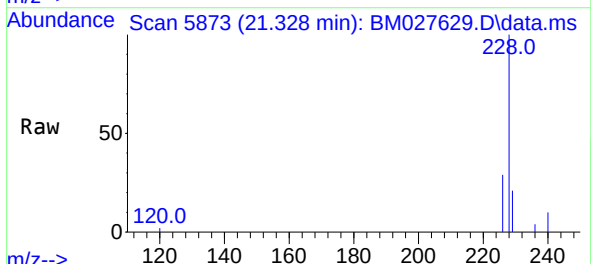
#17
Pyrene
Concen: 0.61 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. 0.000 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39



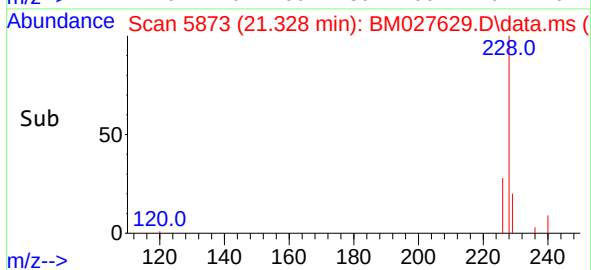
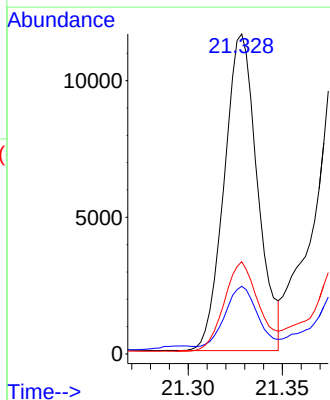
Tgt Ion:202 Resp: 22975
Ion Ratio Lower Upper
202 100
101 4.3 4.7 7.1#
100 3.7 3.9 5.9#



#18
Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.328 min Scan# 5873
Delta R.T. -0.002 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39



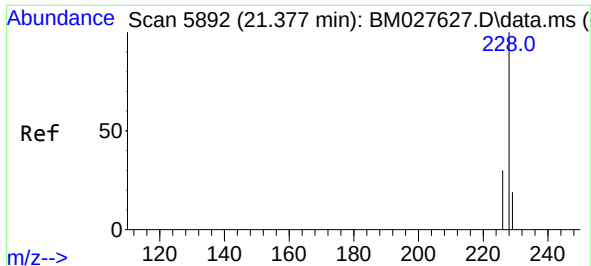
Tgt Ion:228 Resp: 14263
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.8 21.8 32.8



Instrument :
BNA_M
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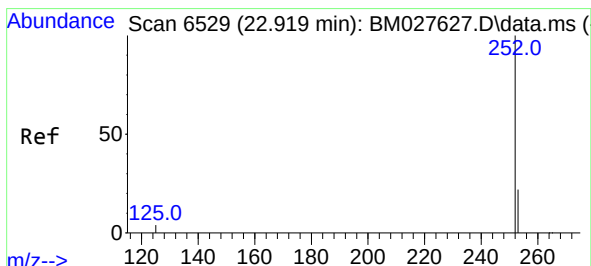
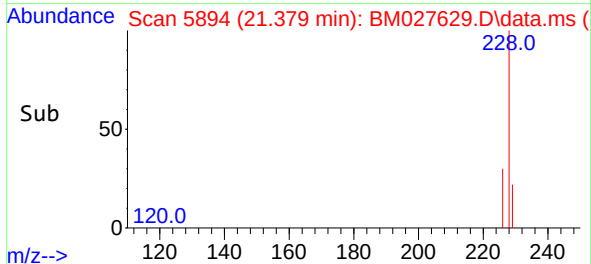
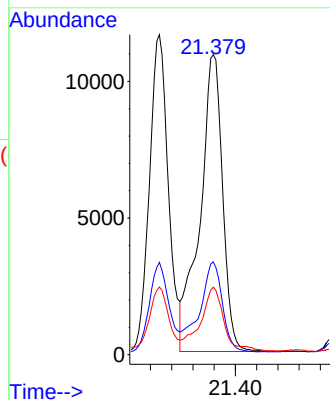
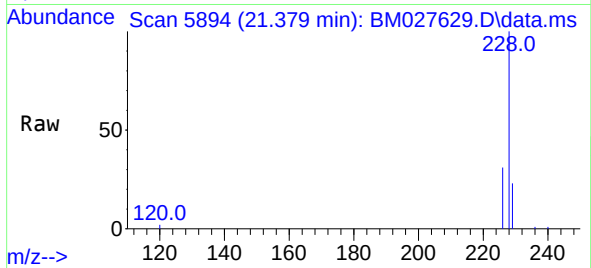
#19
Chrysene
Concen: 0.48 ng/u1
RT: 21.379 min Scan# 5894
Delta R.T. -0.002 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:228	Resp:	16143
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.2 36.4
229	22.5	15.8 23.8

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

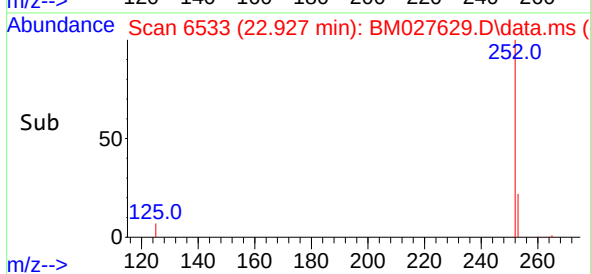
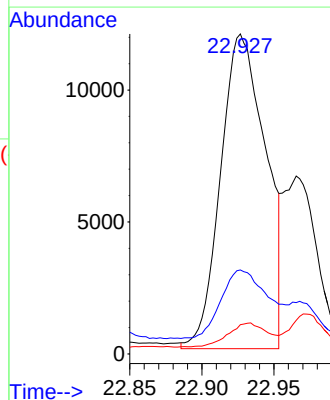
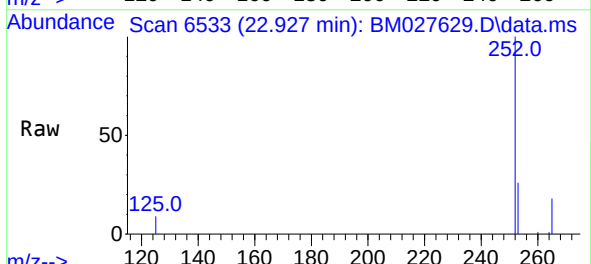
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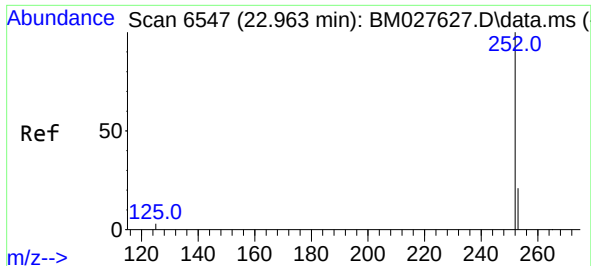
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#21
Benzo(b)fluoranthene
Concen: 0.69 ng/u1 m
RT: 22.927 min Scan# 6533
Delta R.T. 0.000 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:252	Resp:	25860
Ion Ratio	Lower	Upper
252	100	
253	26.3	0.0 48.2
125	9.1	0.0 10.6





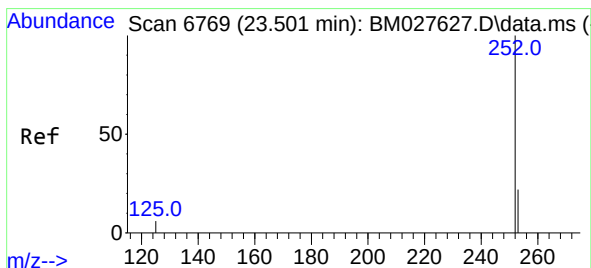
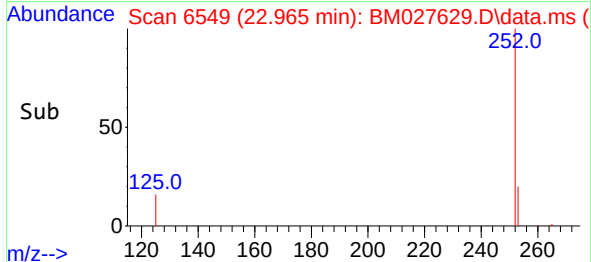
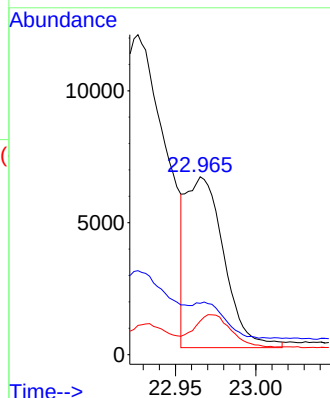
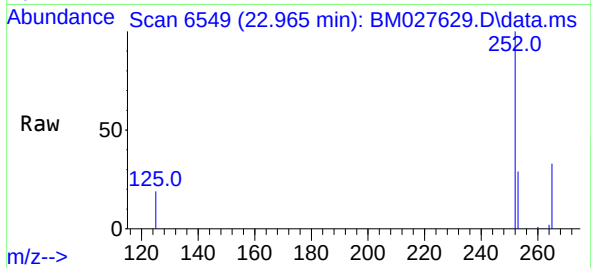
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Benzo(k)fluoranthene
Concen: 0.27 ng/ul m
RT: 22.965 min Scan# 6549
Delta R.T. -0.007 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:252 Resp: 10666
Ion Ratio Lower Upper
252 100
253 28.9 19.1 28.7#
125 18.9 5.0 7.4#

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

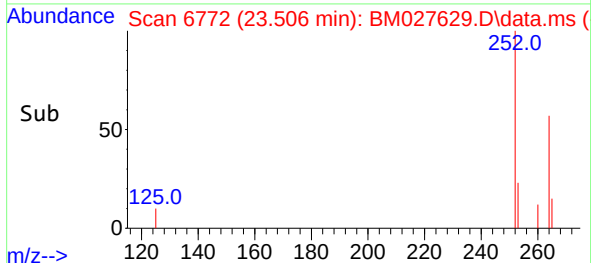
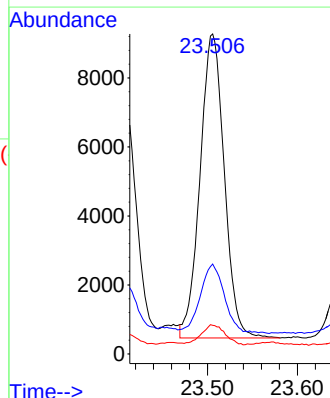
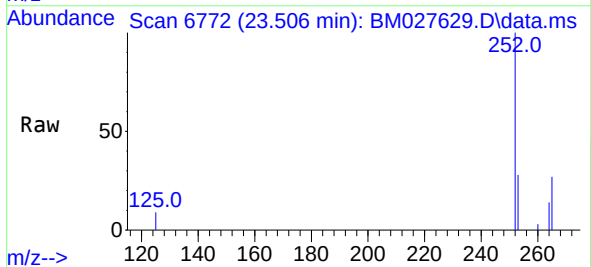
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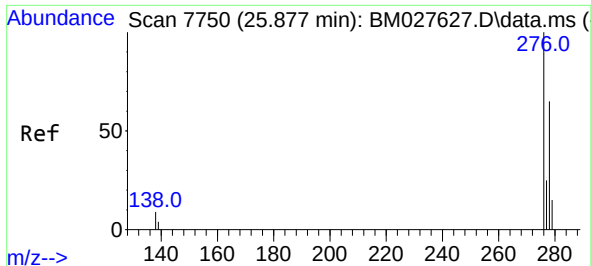
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#23
Benzo(a)pyrene
Concen: 0.49 ng/ul
RT: 23.506 min Scan# 6772
Delta R.T. -0.002 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:252 Resp: 16522
Ion Ratio Lower Upper
252 100
253 28.1 19.6 29.4
125 8.9 5.0 7.6#





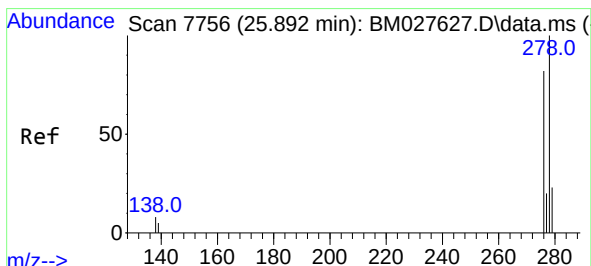
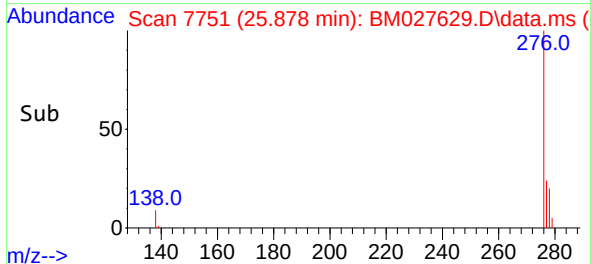
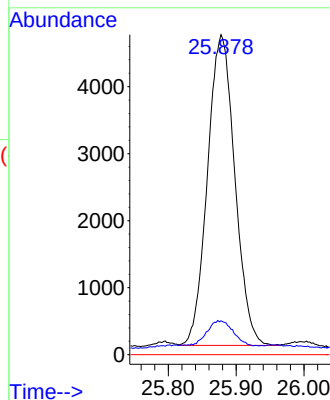
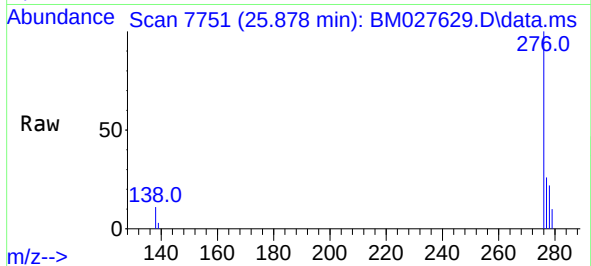
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul
RT: 25.878 min Scan# 7751
Delta R.T. -0.010 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion:	276	Resp:	12985
Ion Ratio	Lower	Upper	
276	100		
138	8.8	8.6	12.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

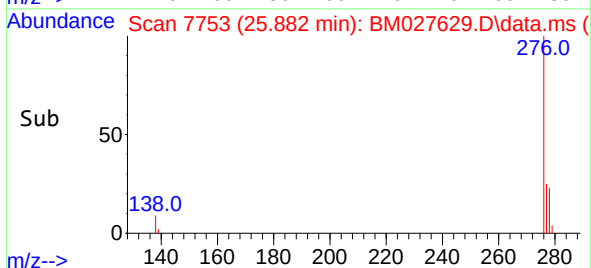
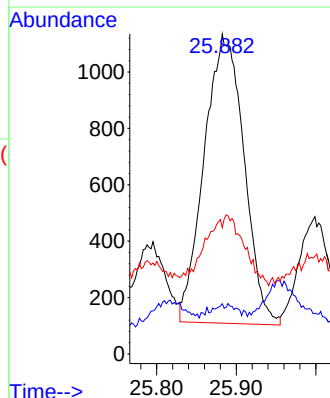
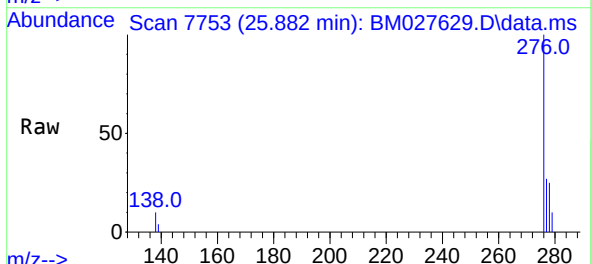
Manual Integrations
APPROVED

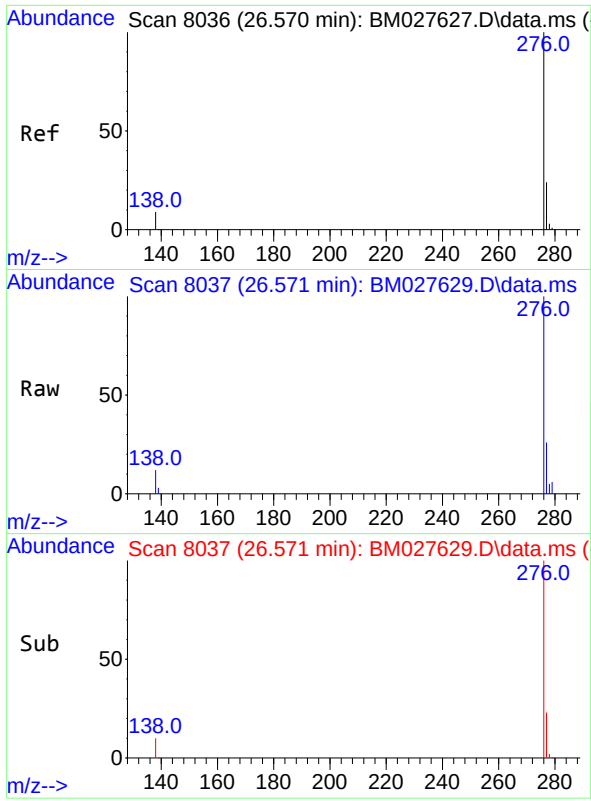
mohammad
10/6/2020 3:24:35 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 25.882 min Scan# 7753
Delta R.T. -0.019 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

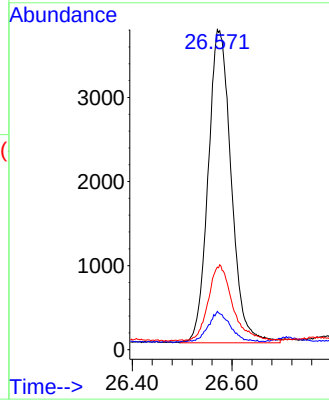
Tgt Ion:	278	Resp:	3552
Ion Ratio	Lower	Upper	
278	100		
139	15.7	7.6	11.4#
279	39.5	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul
RT: 26.571 min Scan# 8037
Delta R.T. -0.012 min
Lab File: BM027629.D
Acq: 06 Oct 2020 09:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.0	13.4
277	25.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:35 PM