

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027585.D
 Acq On : 02 Oct 2020 17:33
 Operator : JU/CG
 Sample : L4166-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:28:49 AM

Quant Time: Oct 02 18:03:47 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	7.798	152	580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.584	136	1538	0.40	ng/ul #	0.00
6) Acenaphthene-d10	14.427	164	1223	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.168	188	3197	0.40	ng/ul	0.00
16) Chrysene-d12	21.348	240	4248	0.40	ng/ul	0.00
20) Perylene-d12	23.607	264	4665	0.40	ng/ul #	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.171	152	349	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.194	212	1375	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.629	128	448	0.10	ng/ul#	72
5) 2-Methylnaphthalene	12.248	142	95	0.03	ng/ul	94
7) Acenaphthylene	14.146	152	1101	0.18	ng/ul#	88
8) Acenaphthene	14.488	153	182	0.04	ng/ul#	91
9) Fluorene	15.477	166	256	0.05	ng/ul#	90
12) Phenanthrene	17.213	178	3777	0.38	ng/ul	96
13) Anthracene	17.300	178	2409m	0.25	ng/ul	
15) Fluoranthene	19.224	202	36508	3.08	ng/ul	93
17) Pyrene	19.587	202	32076	1.65	ng/ul#	92
18) Benzo(a)anthracene	21.331	228	17882	1.07	ng/ul	95
19) Chrysene	21.382	228	26332	1.53	ng/ul	98
21) Benzo(b)fluoranthene	22.931	252	51950m	2.76	ng/ul	
22) Benzo(k)fluoranthene	22.973	252	18992m	0.97	ng/ul	
23) Benzo(a)pyrene	23.510	252	28584	1.70	ng/ul#	98
24) Indeno(1,2,3-cd)pyrene	25.885	276	19362	0.89	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.902	278	6194	0.35	ng/ul#	88
26) Benzo(g,h,i)perylene	26.587	276	15671	0.86	ng/ul#	96

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

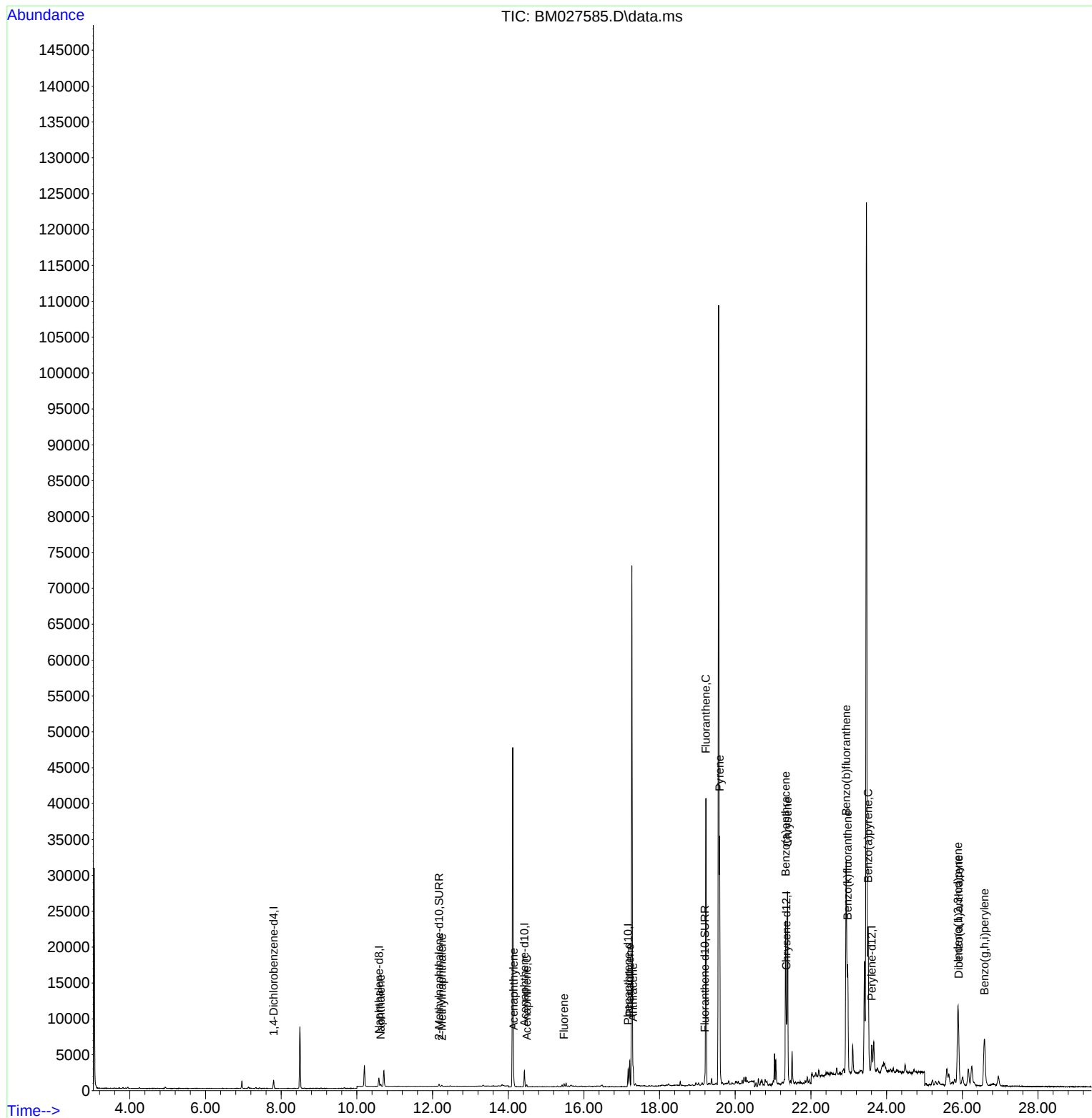
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027585.D
Acq On : 02 Oct 2020 17:33
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ALS Vial : 9 Sample Multiplier: 1

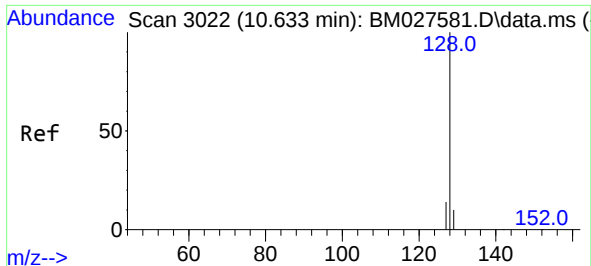
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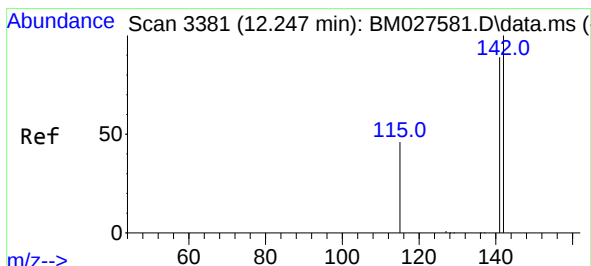
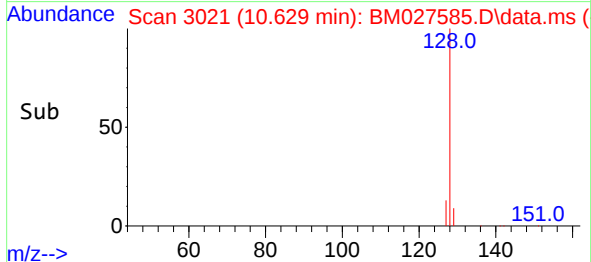
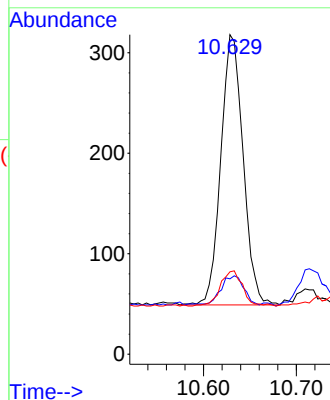
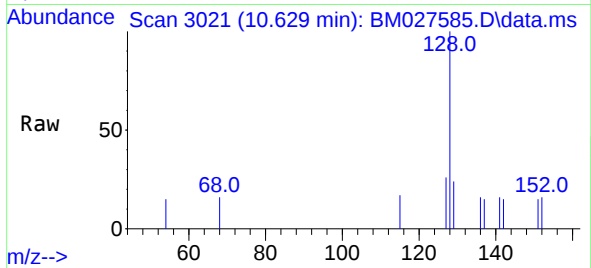
#3
Naphthalene
Concen: 0.10 ng/ul
RT: 10.629 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:128 Resp: 448
Ion Ratio Lower Upper
128 100
129 23.6 9.9 14.9#
127 25.8 11.4 17.2#

Instrument :
BNA_M
ClientSampleId :
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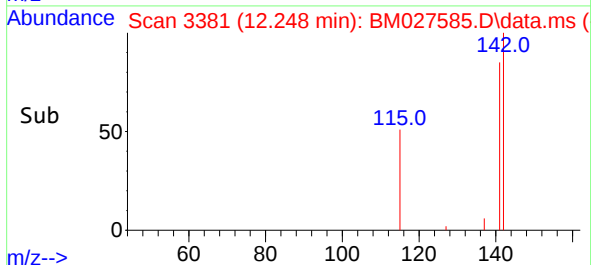
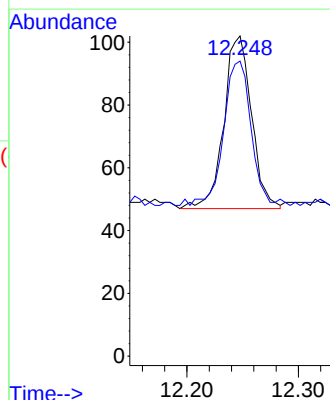
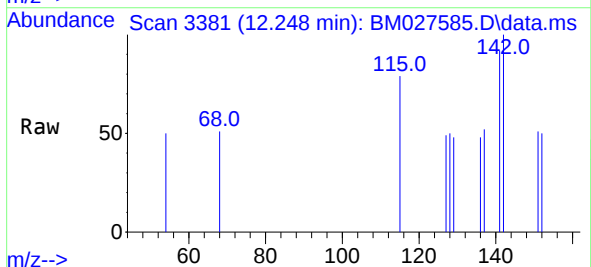
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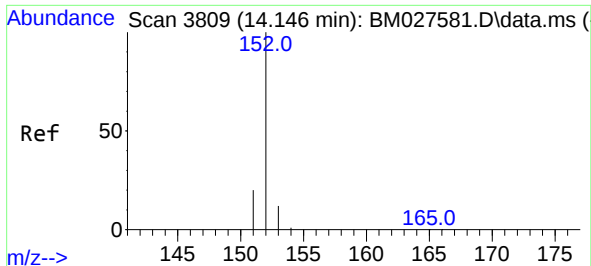
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#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.248 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

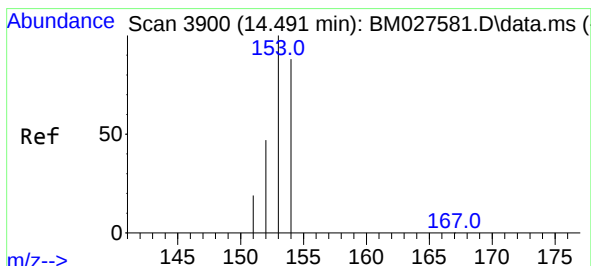
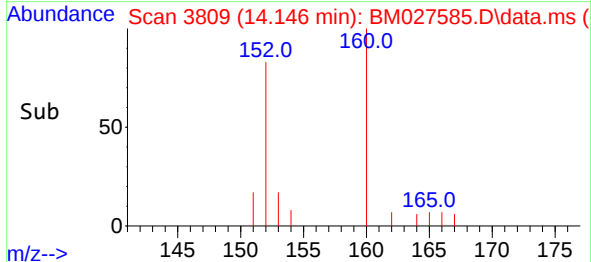
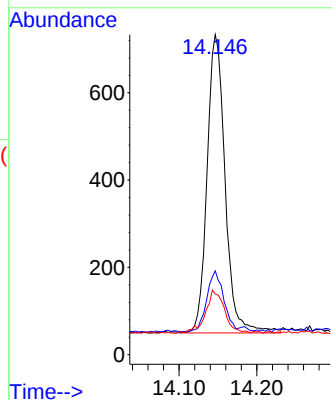
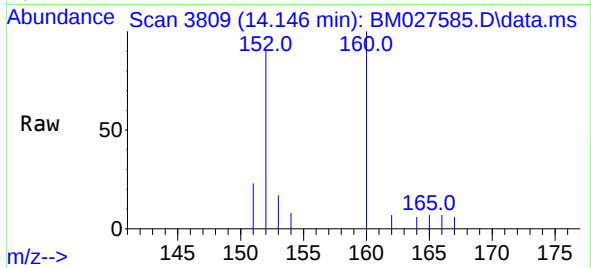
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
141 83.2 70.9 106.3





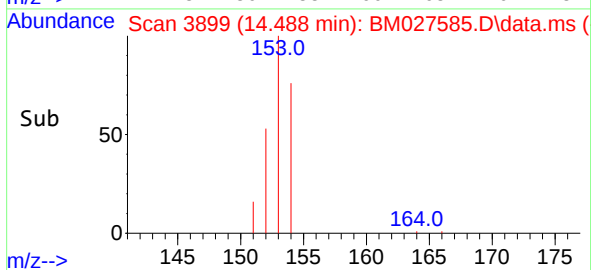
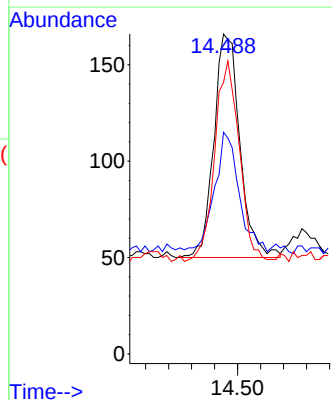
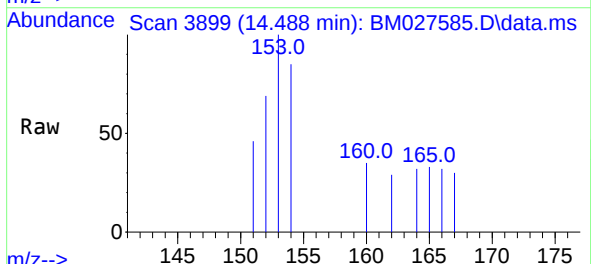
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Acenaphthylene
Concen: 0.18 ng/ul
RT: 14.146 min Scan# 3809
Delta R.T. -0.004 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	152	Resp:	1101
Ion Ratio	Lower	Upper	
152	100		
151	26.2	16.6	24.8#
153	19.0	11.4	17.0#



#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. -0.007 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

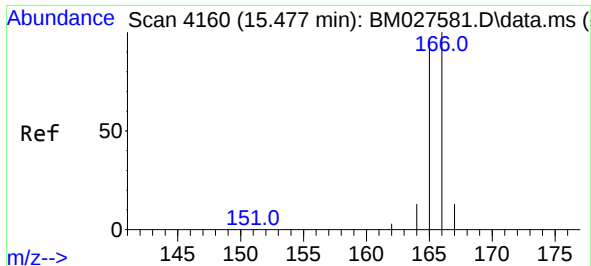
Tgt Ion:	153	Resp:	182
Ion Ratio	Lower	Upper	
153	100		
152	69.3	42.8	64.2#
154	84.9	69.0	103.6



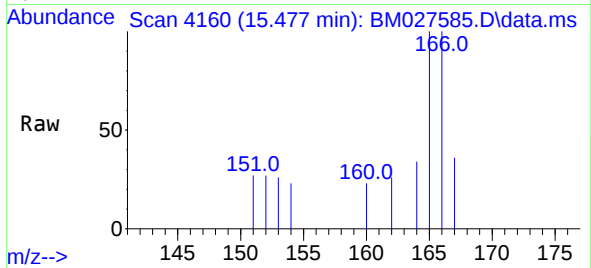
Instrument :
BNA_M
ClientSampled :
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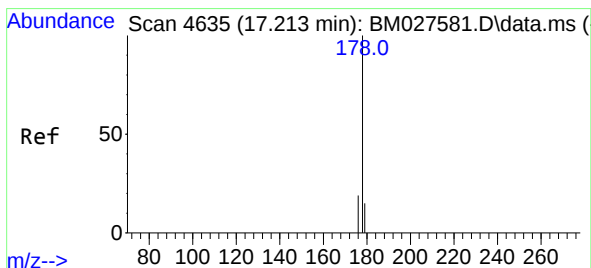
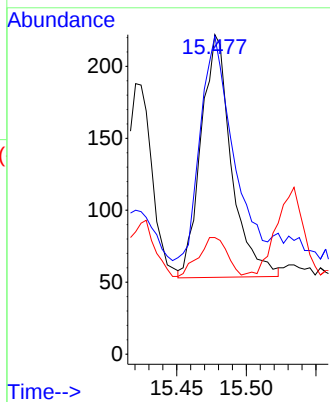
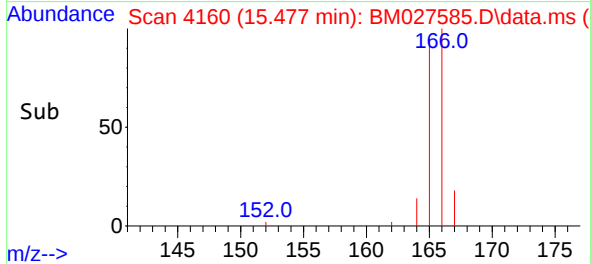
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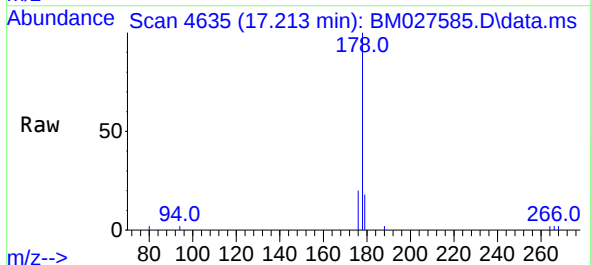
#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.477 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33



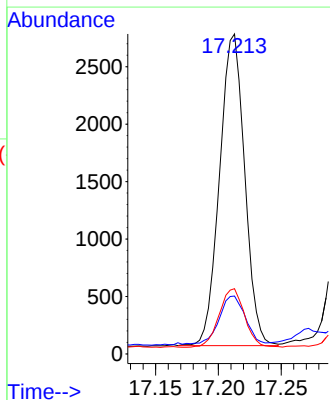
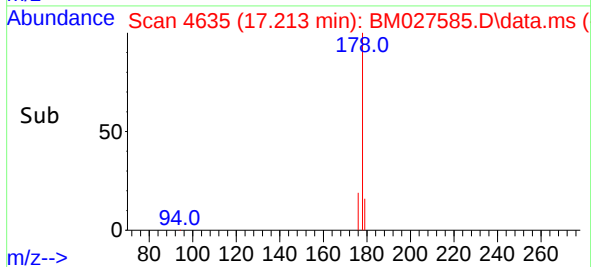
Tgt Ion:166 Resp: 256
Ion Ratio Lower Upper
166 100
165 99.5 77.2 115.8
167 36.5 11.1 16.7#



#12
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.213 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33



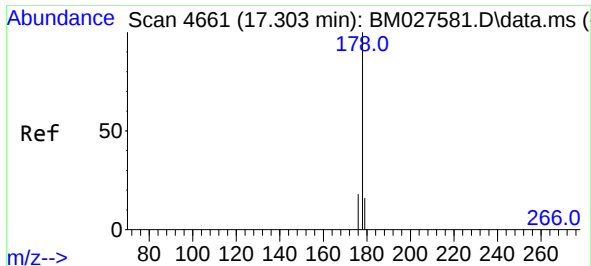
Tgt Ion:178 Resp: 3777
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.4 15.3 22.9



Instrument :
BNA_M
ClientSampleId :
C0AB4

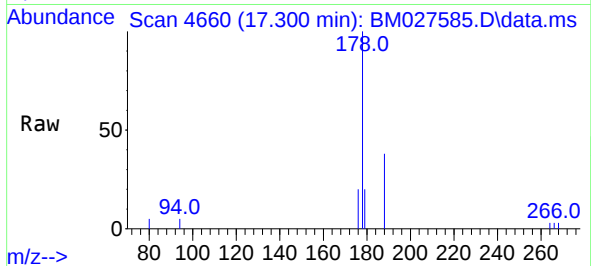
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#13
 Anthracene
 Concen: 0.25 ng/ul m
 RT: 17.300 min Scan# 4660
 Delta R.T. -0.003 min
 Lab File: BM027585.D
 Acq: 02 Oct 2020 17:33

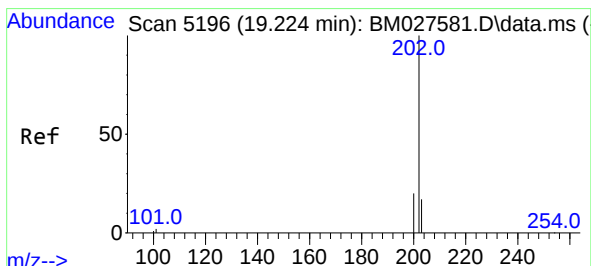
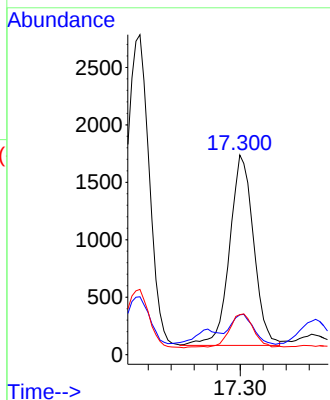
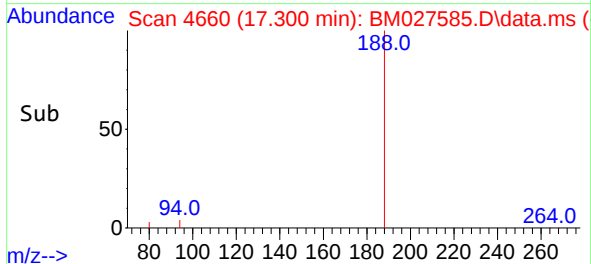
Instrument :
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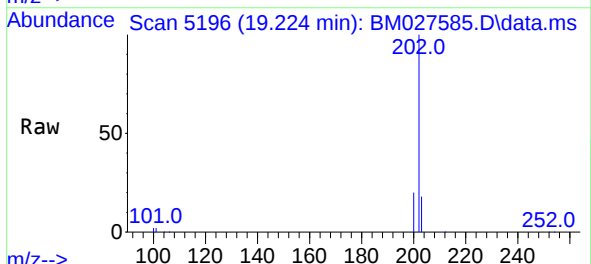
Tgt Ion:178 Resp: 2409
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.0 19.4#
 176 20.0 15.2 22.8

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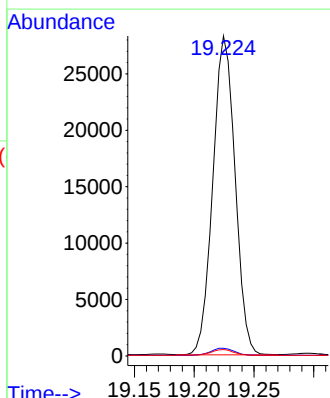
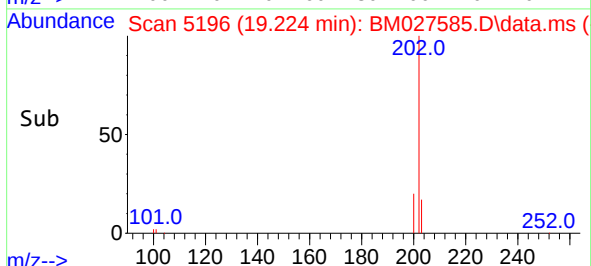
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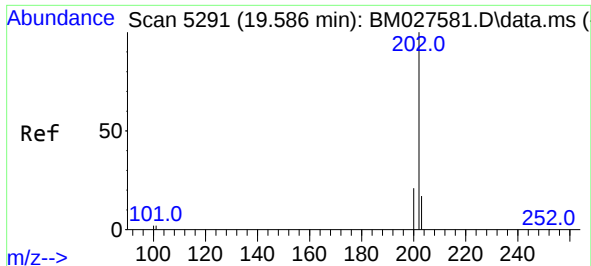


#15
 Fluoranthene
 Concen: 3.08 ng/ul
 RT: 19.224 min Scan# 5196
 Delta R.T. -0.004 min
 Lab File: BM027585.D
 Acq: 02 Oct 2020 17:33



Tgt Ion:202 Resp: 36508
 Ion Ratio Lower Upper
 202 100
 101 2.4 0.0 24.9
 100 2.0 0.0 24.1





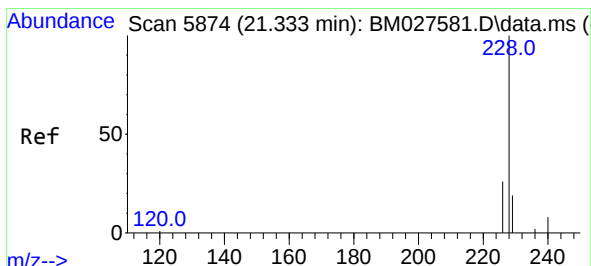
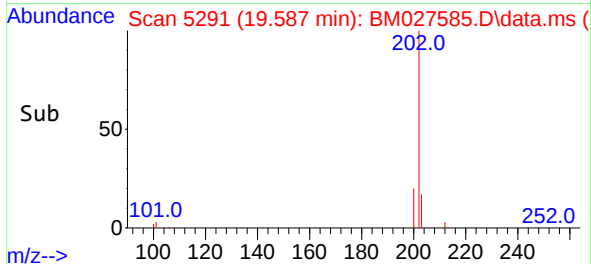
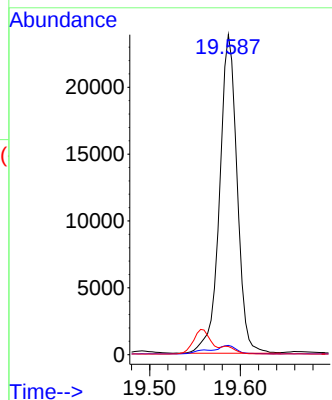
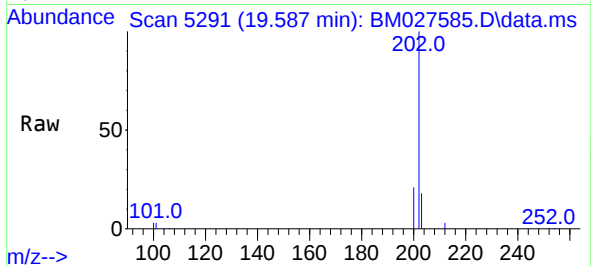
#17
Pyrene
Concen: 1.65 ng/ul
RT: 19.587 min Scan# 5291
Delta R.T. -0.004 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	202	Resp:	32076
Ion Ratio	Lower	Upper	
202	100		
101	2.9	4.7	7.1#
100	2.5	3.9	5.9#

Instrument :
BNA_M
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C0AB4

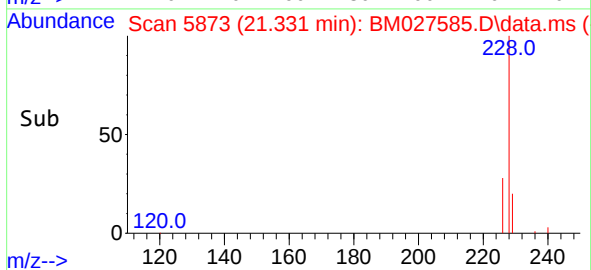
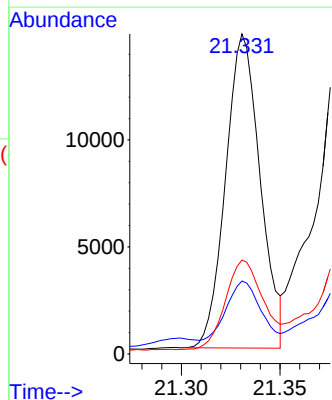
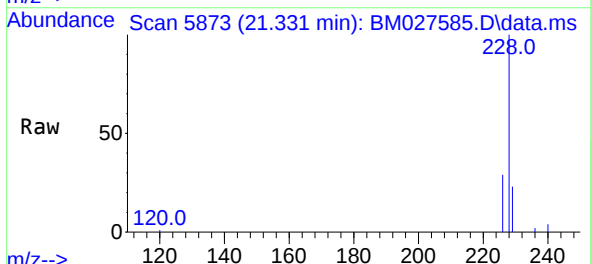
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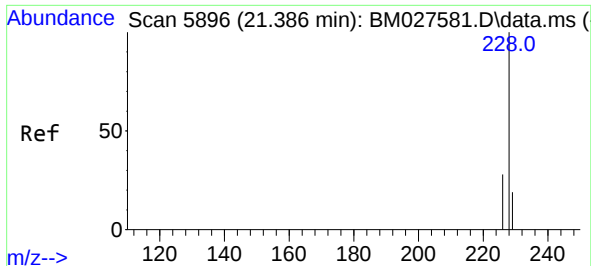
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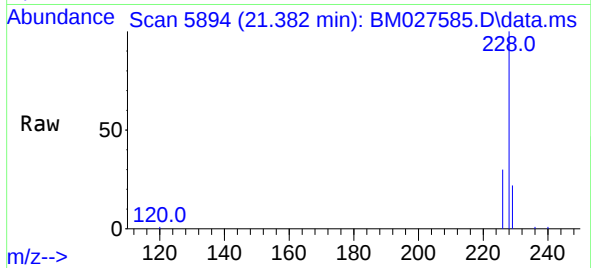
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Benzo(a)anthracene
Concen: 1.07 ng/ul
RT: 21.331 min Scan# 5873
Delta R.T. -0.005 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	228	Resp:	17882
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.6	23.4
226	29.4	21.8	32.8

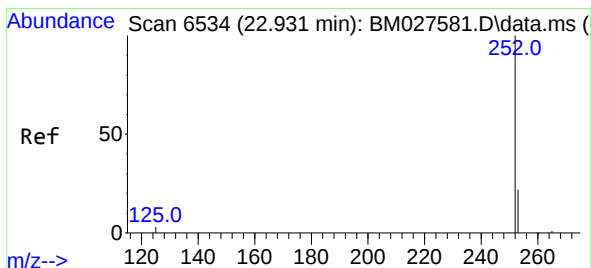
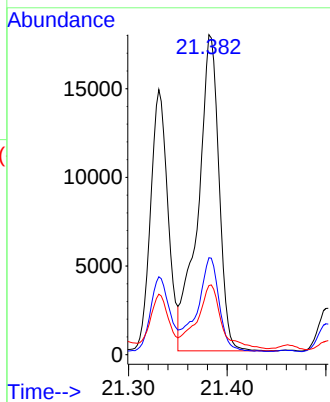
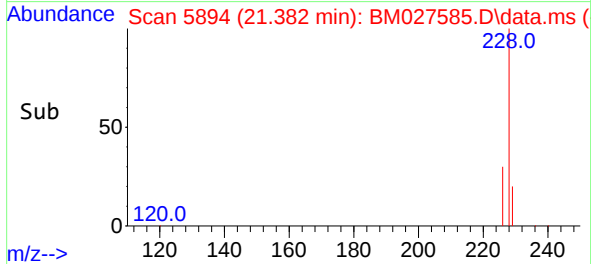




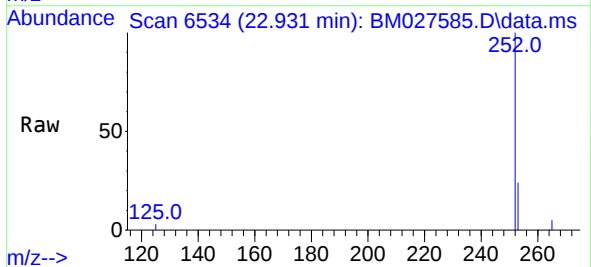
#19
Chrysene
Concen: 1.53 ng/u1
RT: 21.382 min Scan# 5894
Delta R.T. -0.005 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33



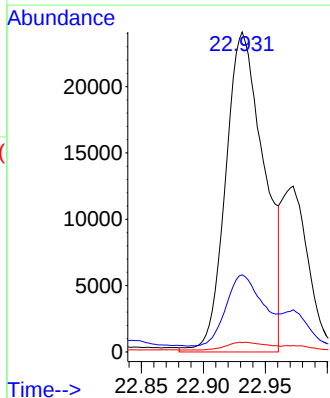
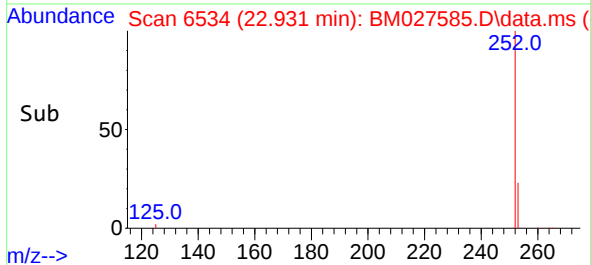
Tgt Ion:	228	Resp:	26332
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	21.6	15.8	23.8



#21
Benzo(b)fluoranthene
Concen: 2.76 ng/u1 m
RT: 22.931 min Scan# 6534
Delta R.T. -0.002 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33



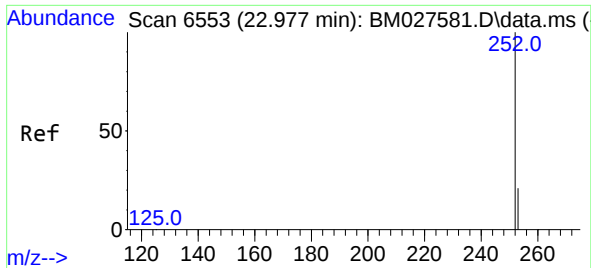
Tgt Ion:	252	Resp:	51950
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	48.2
125	2.9	0.0	10.6



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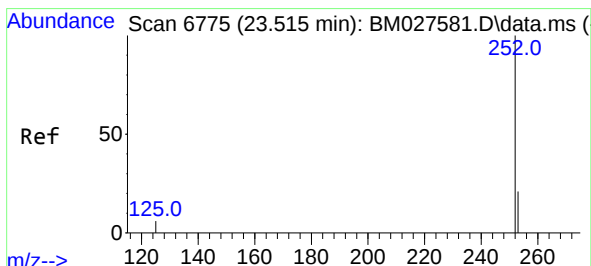
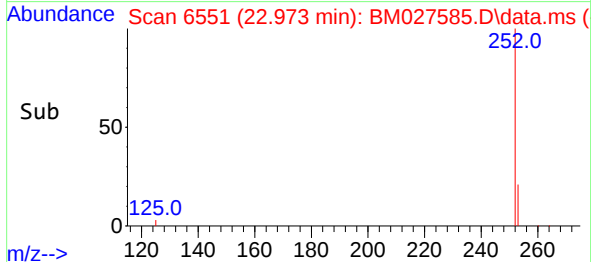
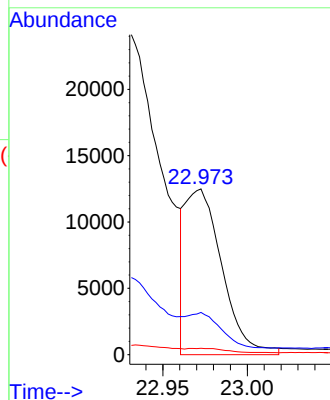
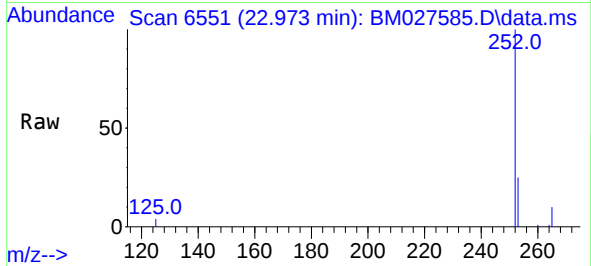
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Benzo(k)fluoranthene
Concen: 0.97 ng/ul m
RT: 22.973 min Scan# 6551
Delta R.T. -0.007 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	252	Resp:	18992
Ion Ratio	Lower	Upper	
252	100		
253	25.4	19.1	28.7
125	3.8	5.0	7.4#

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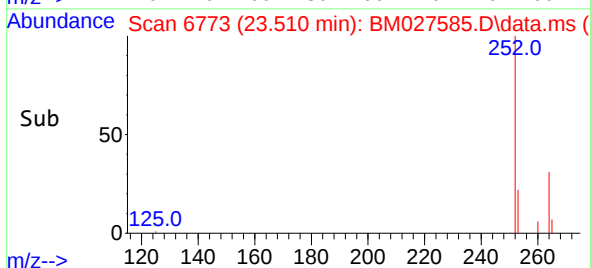
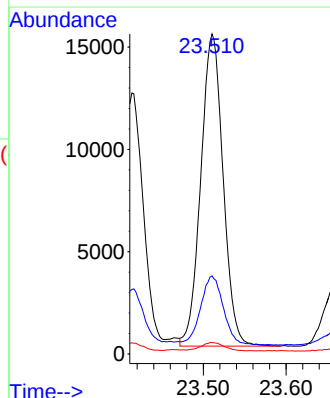
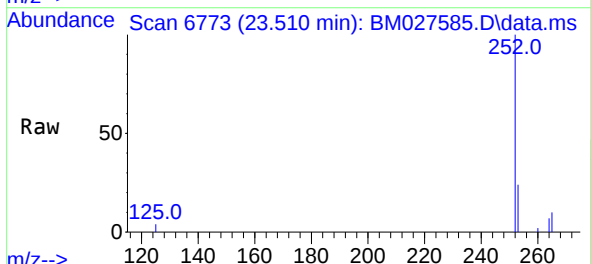
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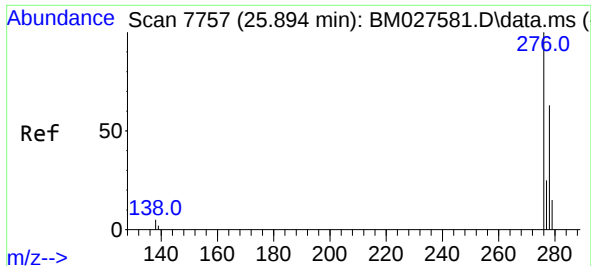
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#23
Benzo(a)pyrene
Concen: 1.70 ng/ul
RT: 23.510 min Scan# 6773
Delta R.T. -0.005 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	252	Resp:	28584
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.6	29.4
125	3.5	5.0	7.6#





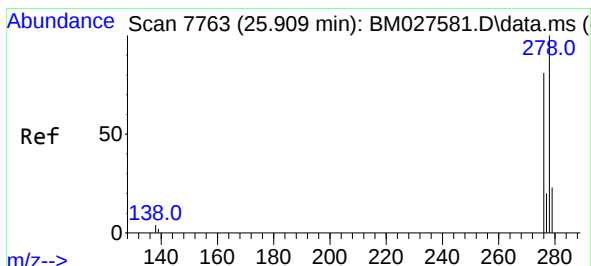
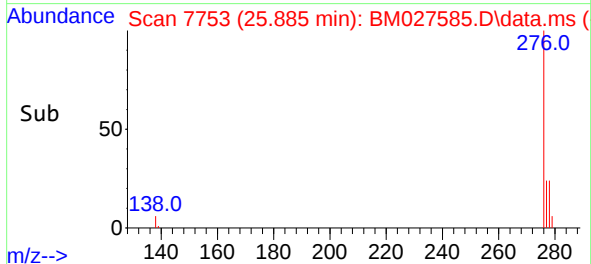
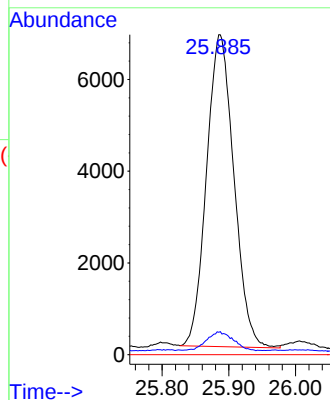
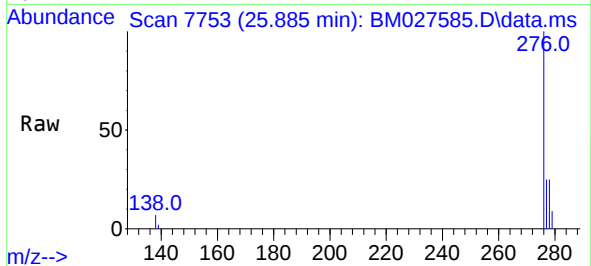
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng/ul
RT: 25.885 min Scan# 7753
Delta R.T. -0.009 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion:	276	Resp:	19362
Ion Ratio	Lower	Upper	
276	100		
138	5.7	8.6	12.8#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
C0AB4

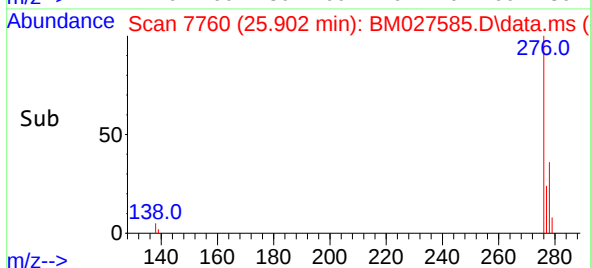
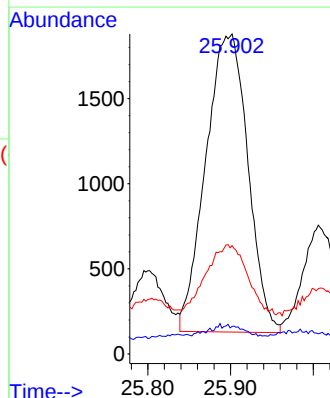
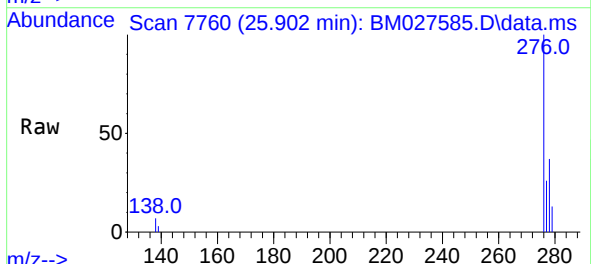
Manual Integrations
APPROVED

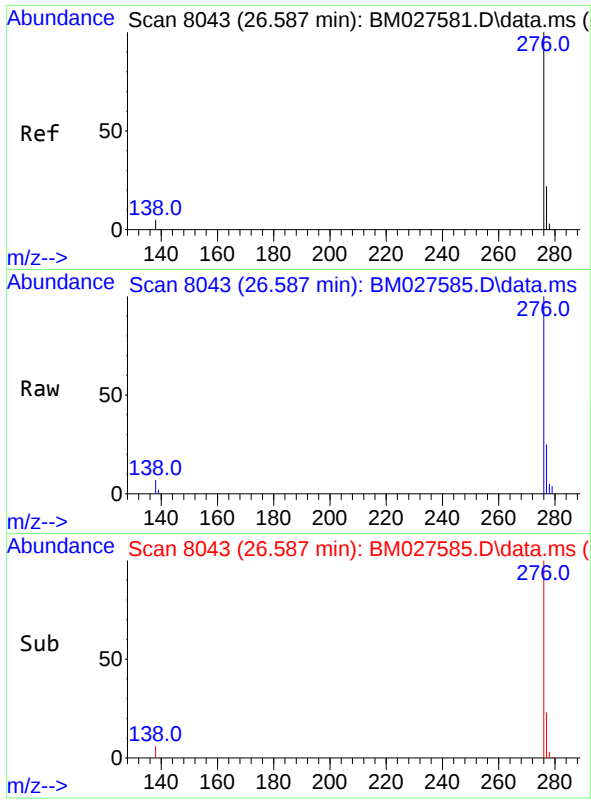
mohammad
10/5/2020 10:28:49 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.35 ng/ul
RT: 25.902 min Scan# 7760
Delta R.T. -0.009 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

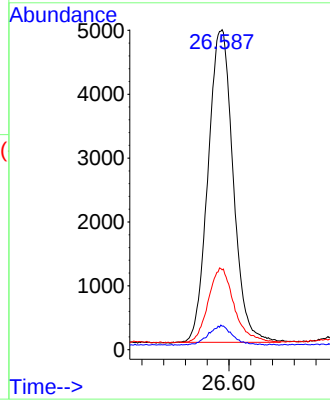
Tgt Ion:	278	Resp:	6194
Ion Ratio	Lower	Upper	
278	100		
139	8.6	7.6	11.4
279	33.9	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.86 ng/ul
RT: 26.587 min Scan# 8043
Delta R.T. -0.007 min
Lab File: BM027585.D
Acq: 02 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	9.0	13.4#
277	24.9	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AB4

Manual Integrations
APPROVED

mohammad
10/5/2020 10:28:49 AM