

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027617.D
 Acq On : 05 Oct 2020 22:13
 Operator : JU/CG
 Sample : L4184-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AN1

Manual Integrations
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 10/6/2020 3:24:02 PM

Quant Time: Oct 06 01:25:05 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 : Tue Oct 06 01:23:11 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1305	0.40	ng/ul	0.00
2) Naphthalene-d8	10.579	136	3728	0.40	ng/ul	# 0.00
6) Acenaphthene-d10	14.423	164	2693	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.164	188	6735	0.40	ng/ul	0.00
16) Chrysene-d12	21.345	240	7706	0.40	ng/ul	0.00
20) Perylene-d12	23.602	264	8256	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.167	152	993	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.190	212	3395	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.628	128	626	0.06	ng/ul#	79
5) 2-Methylnaphthalene	12.243	142	341	0.04	ng/ul	99
7) Acenaphthylene	14.143	152	2786	0.20	ng/ul	98
8) Acenaphthene	14.488	153	211	0.02	ng/ul#	91
9) Fluorene	15.473	166	300	0.02	ng/ul#	85
12) Phenanthrene	17.206	178	7491	0.36	ng/ul	98
13) Anthracene	17.299	178	2697m	0.13	ng/ul	
15) Fluoranthene	19.220	202	27372	1.09	ng/ul	97
17) Pyrene	19.583	202	27599	0.78	ng/ul#	97
18) Benzo(a)anthracene	21.328	228	27212	0.90	ng/ul	97
19) Chrysene	21.379	228	29107	0.93	ng/ul	98
21) Benzo(b)fluoranthene	22.924	252	48082m	1.45	ng/ul	
22) Benzo(k)fluoranthene	22.968	252	13924m	0.40	ng/ul	
23) Benzo(a)pyrene	23.505	252	30986	1.04	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.880	276	27326	0.71	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.889	278	7608	0.24	ng/ul#	84
26) Benzo(g,h,i)perylene	26.578	276	22658	0.70	ng/ul	98

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

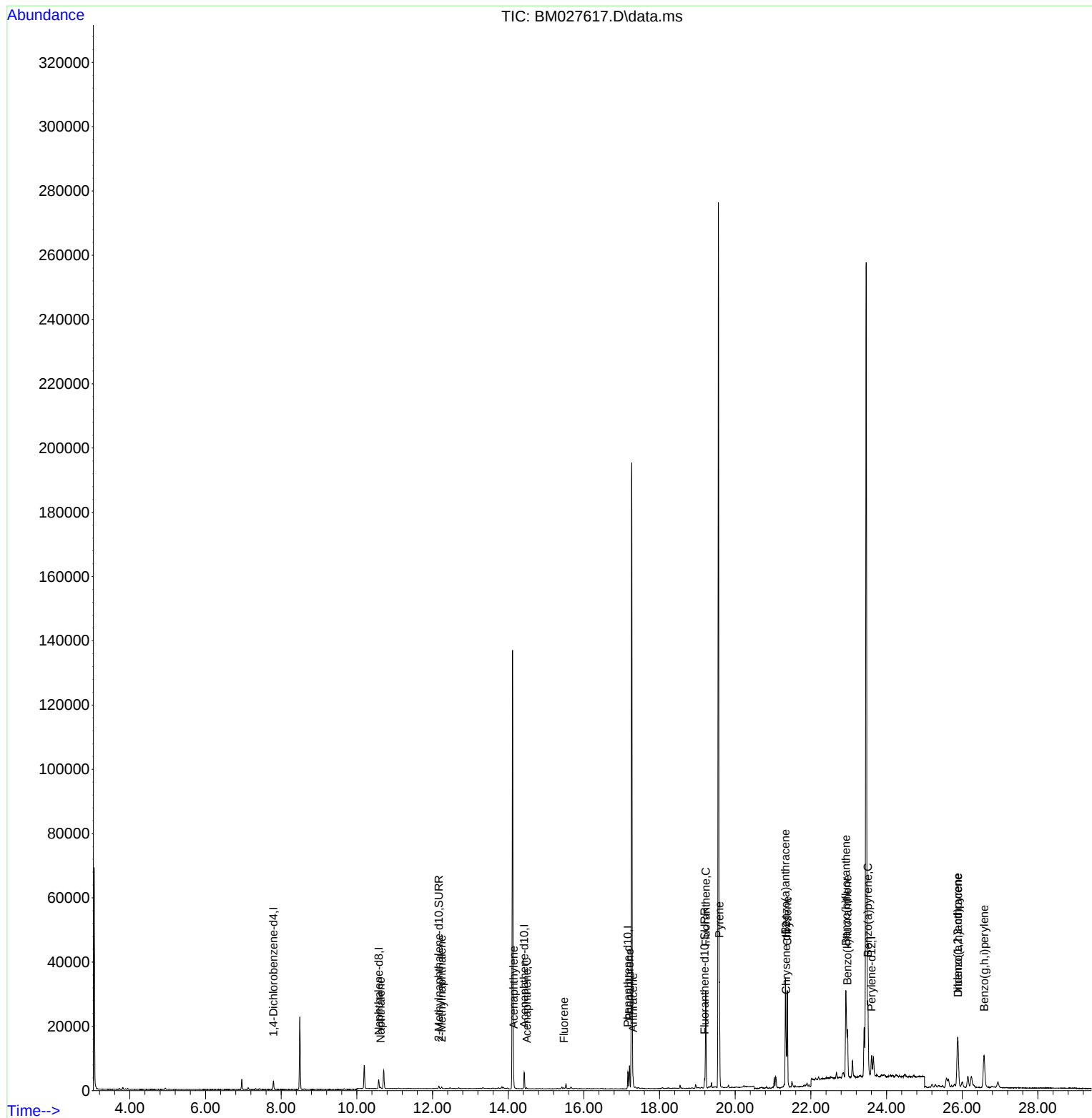
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Data File : BM027617.D
Acq On : 05 Oct 2020 22:13
Operator : JU/CG
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ALS Vial : 21 Sample Multiplier: 1

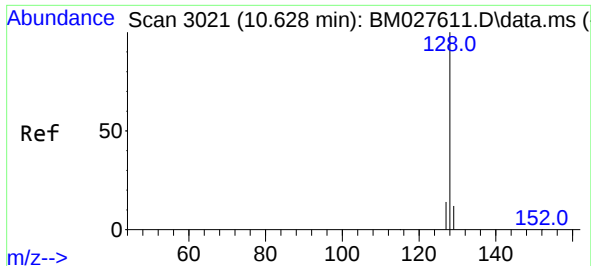
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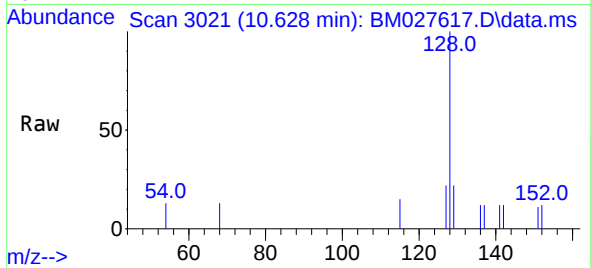
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Quant Time: Oct 06 01:25:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

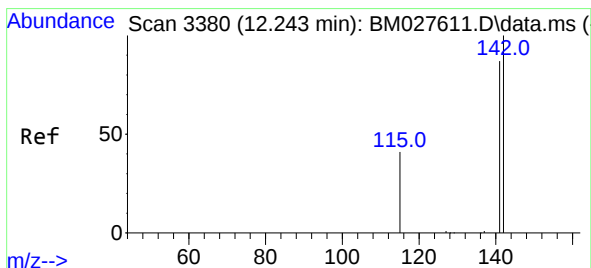
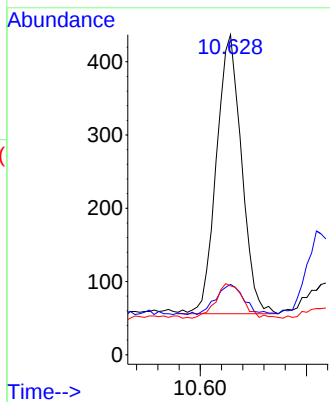
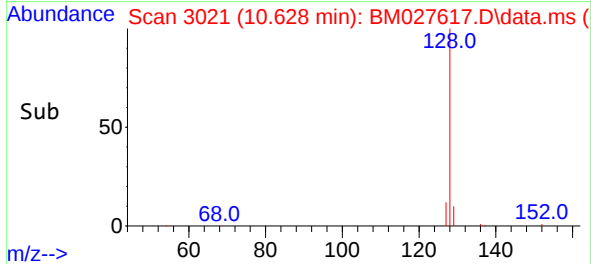




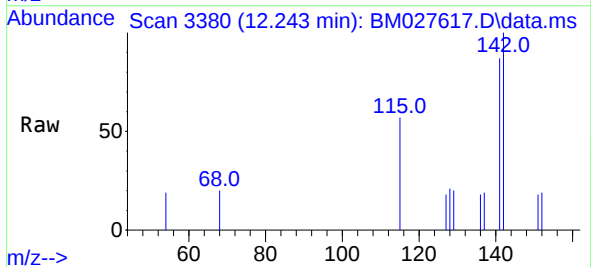
#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



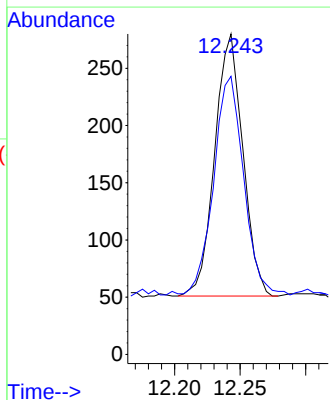
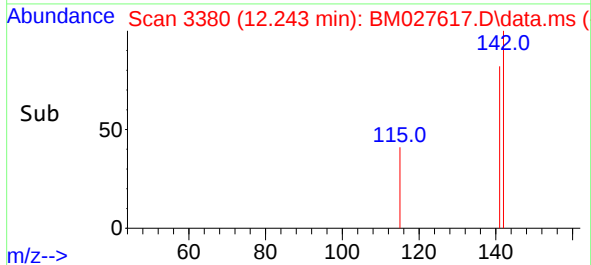
Tgt Ion:128 Resp: 626
Ion Ratio Lower Upper
128 100
129 22.0 9.9 14.9#
127 21.5 11.4 17.2#



#5
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.243 min Scan# 3380
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



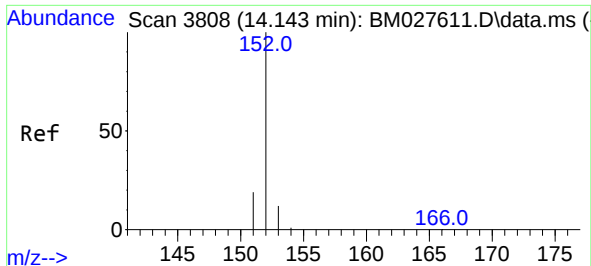
Tgt Ion:142 Resp: 341
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



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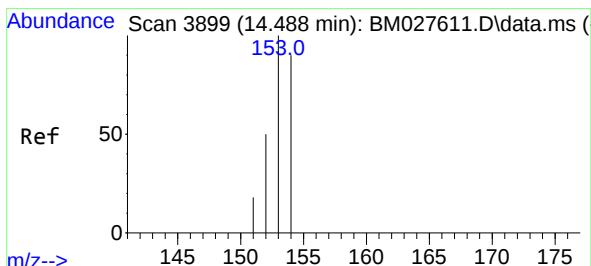
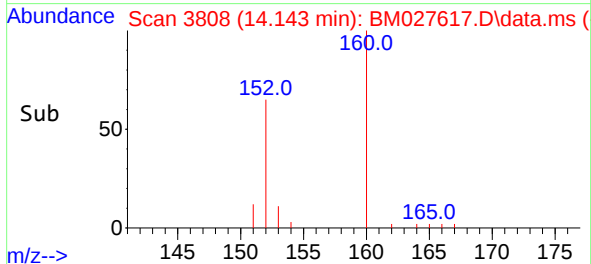
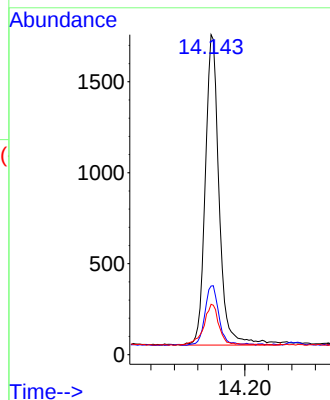
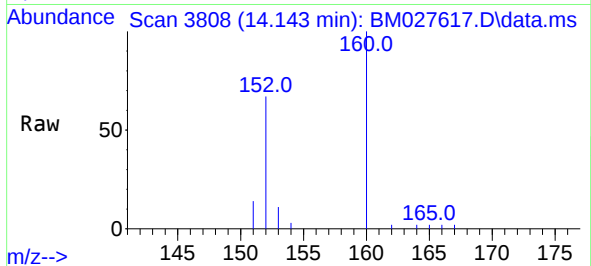
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Acenaphthylene
Concen: 0.20 ng/ul
RT: 14.143 min Scan# 3808
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:	152	Resp:	2786
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.6	24.8
153	15.7	11.4	17.0

Instrument :
BNA_M
ClientSampled :
C0AN1

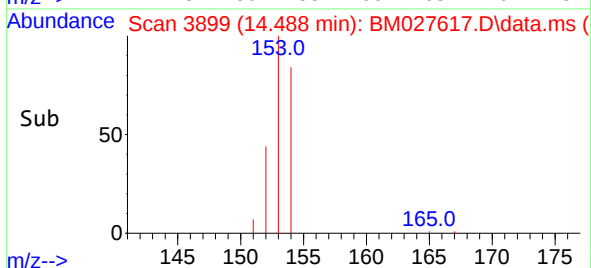
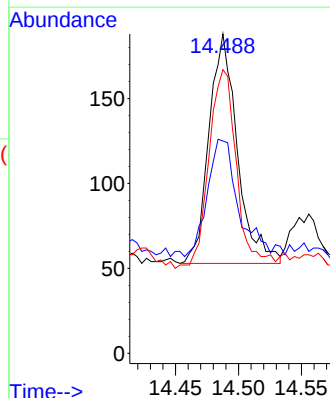
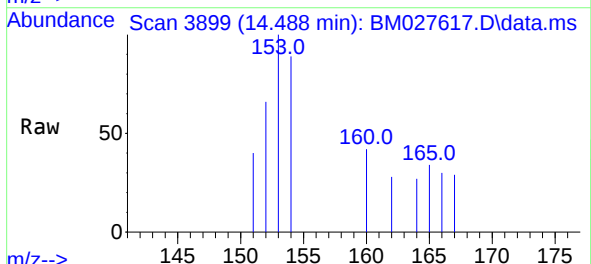
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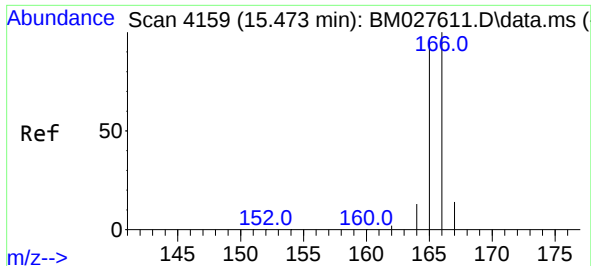
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#8
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. 0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:	153	Resp:	211
Ion Ratio	Lower	Upper	
153	100		
152	66.5	42.8	64.2#
154	88.8	69.0	103.6





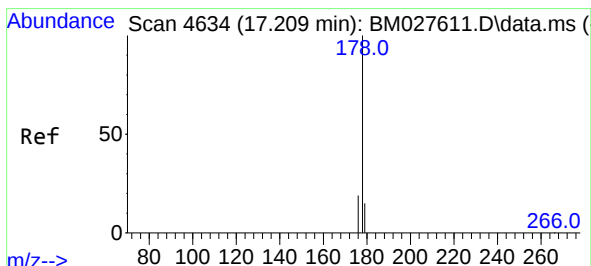
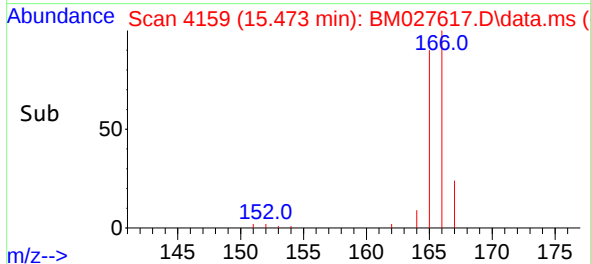
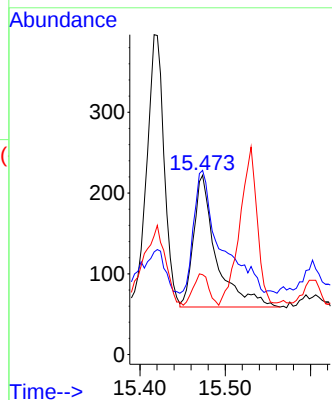
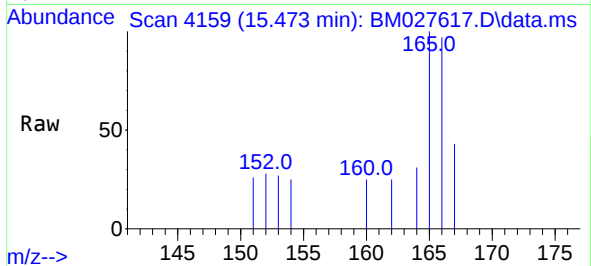
#9
Fluorene
Concen: 0.02 ng/ul
RT: 15.473 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:166 Resp: 300
Ion Ratio Lower Upper
166 100
165 102.7 77.2 115.8
167 44.6 11.1 16.7#

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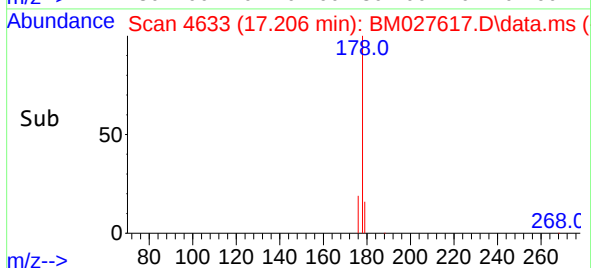
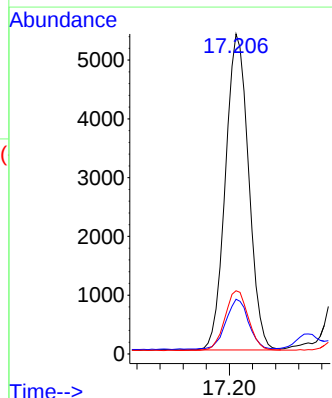
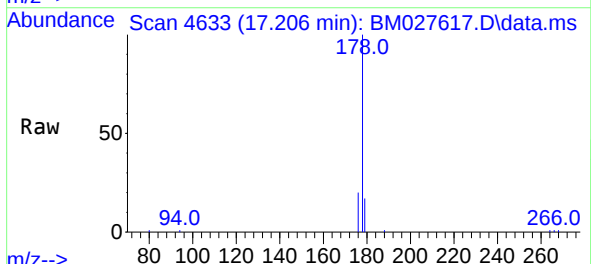
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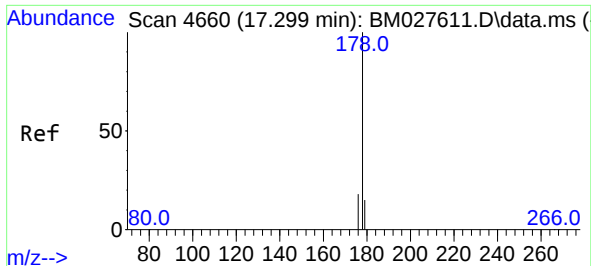
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#12
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.206 min Scan# 4633
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

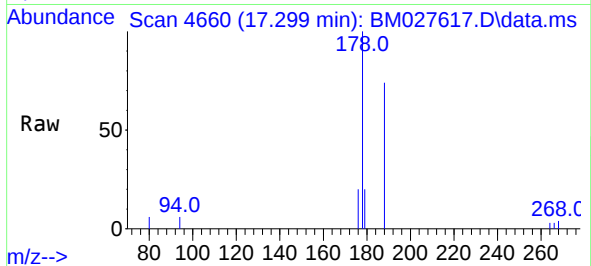
Tgt Ion:178 Resp: 7491
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 19.8 15.3 22.9





#13
 Anthracene
 Concen: 0.13 ng/ul m
 RT: 17.299 min Scan# 4660
 Delta R.T. 0.002 min
 Lab File: BM027617.D
 Acq: 05 Oct 2020 22:13

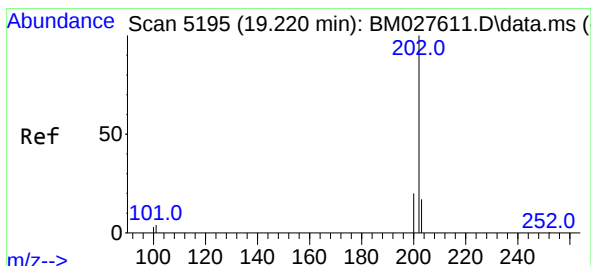
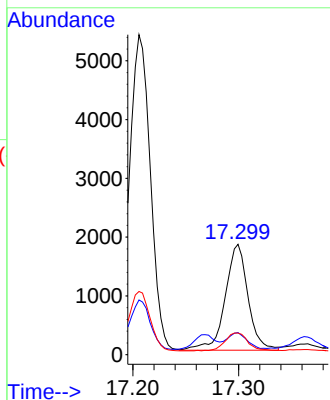
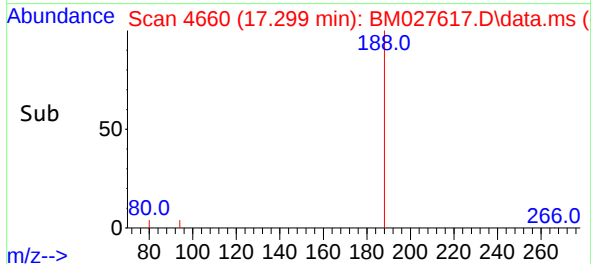
Instrument :
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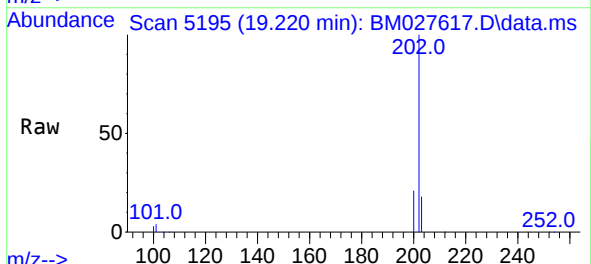
Tgt Ion:178 Resp: 2697
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.0 19.4#
 176 19.5 15.2 22.8

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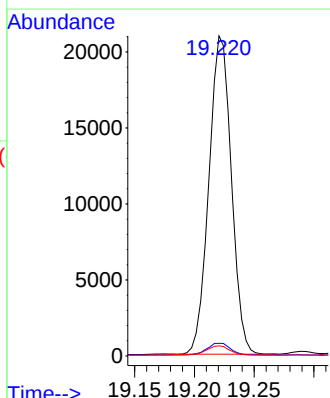
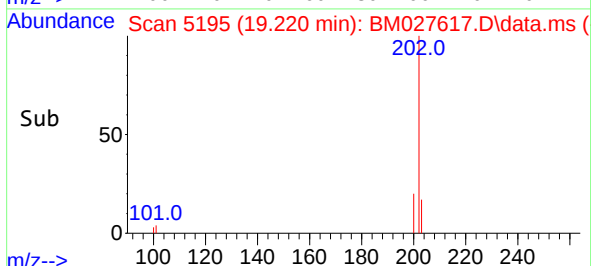
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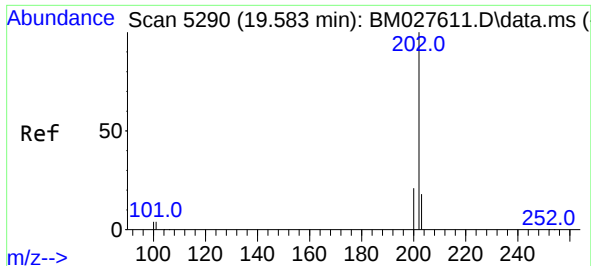


#15
 Fluoranthene
 Concen: 1.09 ng/ul
 RT: 19.220 min Scan# 5195
 Delta R.T. -0.002 min
 Lab File: BM027617.D
 Acq: 05 Oct 2020 22:13

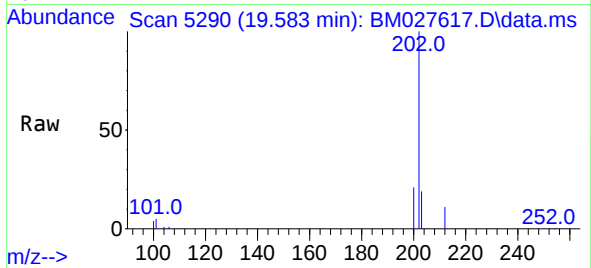


Tgt Ion:202 Resp: 27372
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 24.9
 100 3.1 0.0 24.1

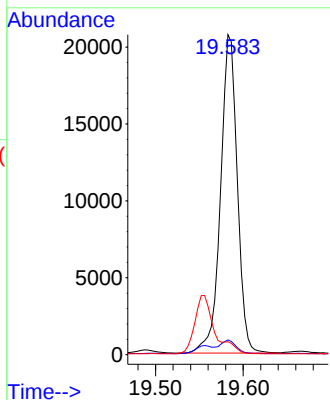




#17
Pyrene
Concen: 0.78 ng/ul
RT: 19.583 min Scan# 5290
Delta R.T. -0.002 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



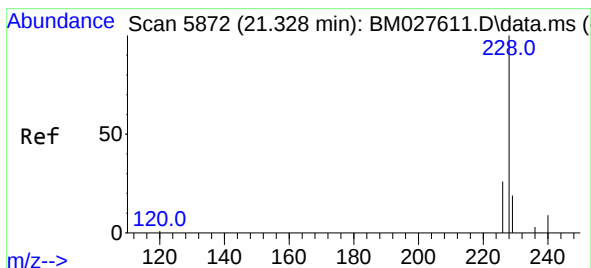
Tgt Ion:202 Resp: 27599
Ion Ratio Lower Upper
202 100
101 4.6 4.7 7.1#
100 4.1 3.9 5.9



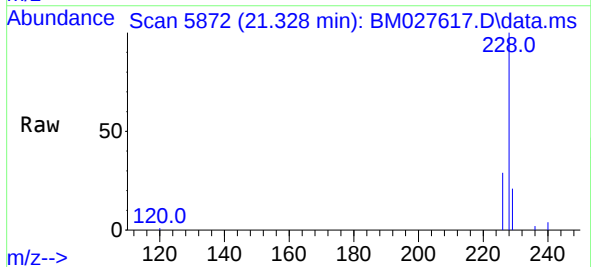
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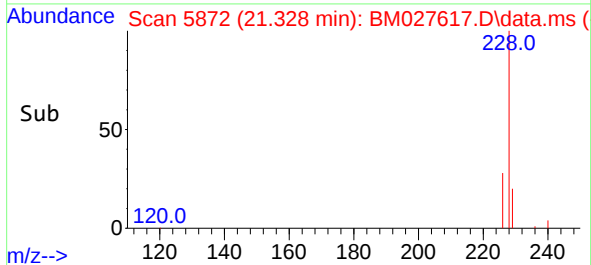
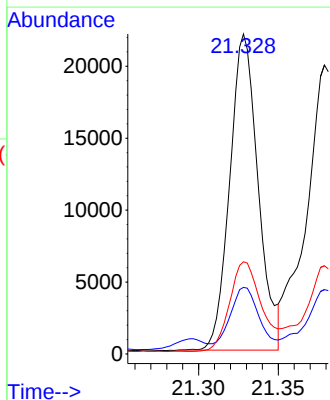
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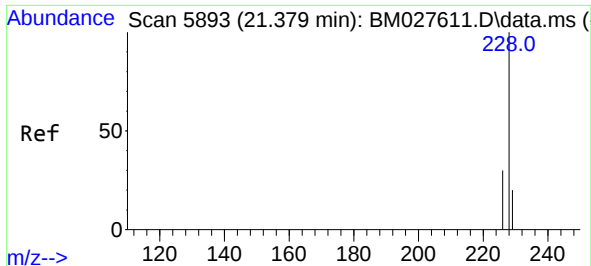


#18
Benzo(a)anthracene
Concen: 0.90 ng/ul
RT: 21.328 min Scan# 5872
Delta R.T. -0.003 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

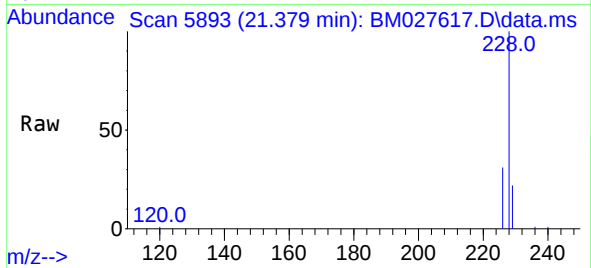


Tgt Ion:228 Resp: 27212
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.8 21.8 32.8

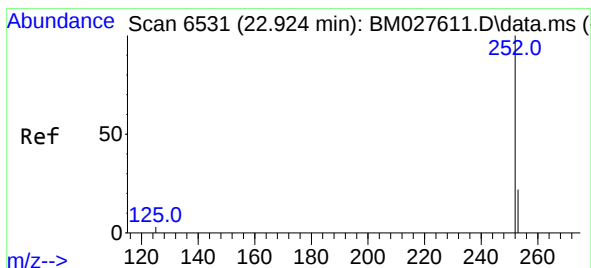
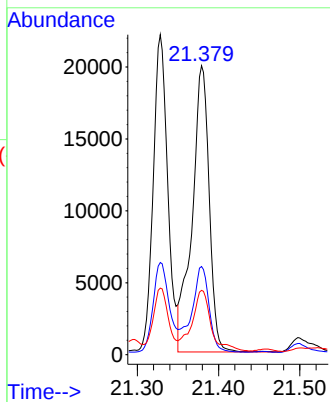
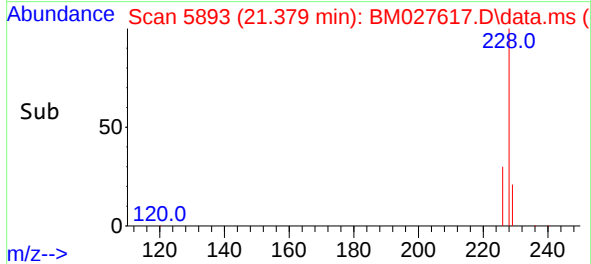




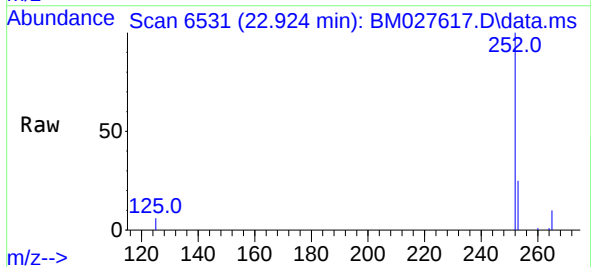
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Chrysene
Concen: 0.93 ng/u1
RT: 21.379 min Scan# 5893
Delta R.T. -0.003 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



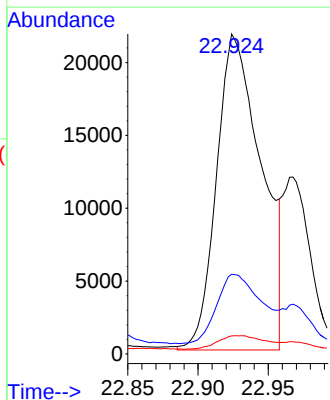
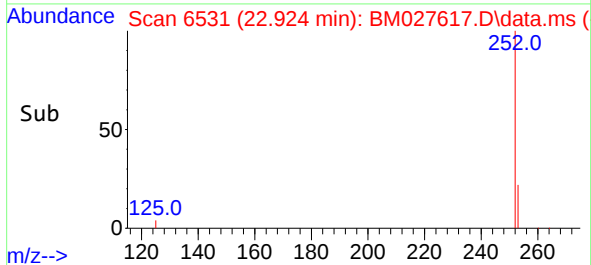
Tgt Ion:228 Resp: 29107
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 22.2 15.8 23.8



#21
Benzo(b)fluoranthene
Concen: 1.45 ng/u1 m
RT: 22.924 min Scan# 6531
Delta R.T. -0.003 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



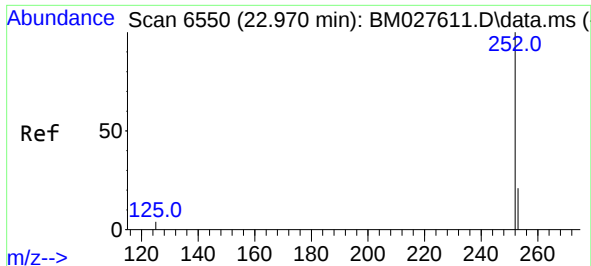
Tgt Ion:252 Resp: 48082
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.2
125 5.7 0.0 10.6



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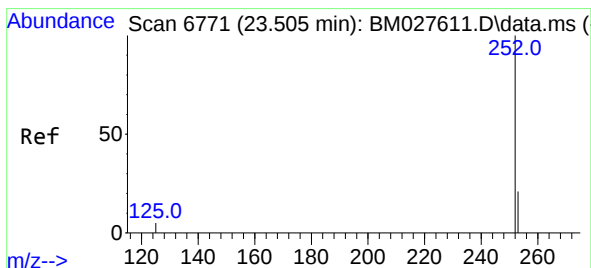
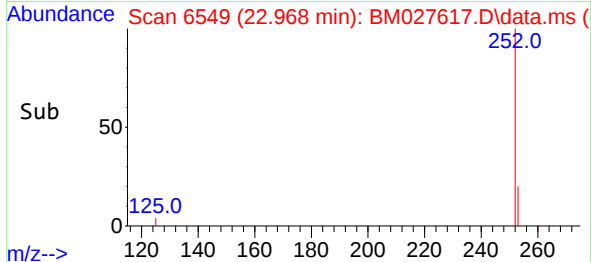
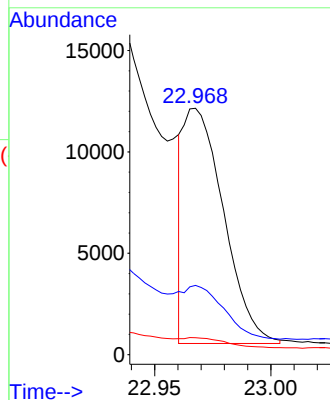
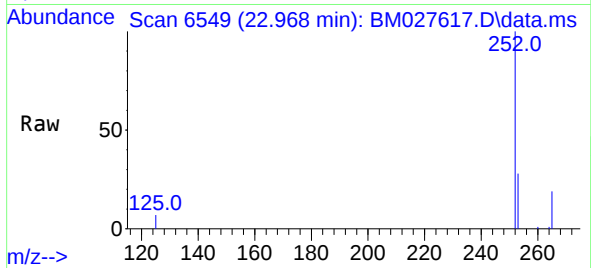
#22
Benzo(k)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.968 min Scan# 6549
Delta R.T. -0.005 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:	252	Resp:	13924
Ion Ratio	Lower	Upper	
252	100		
253	28.1	19.1	28.7
125	6.9	5.0	7.4

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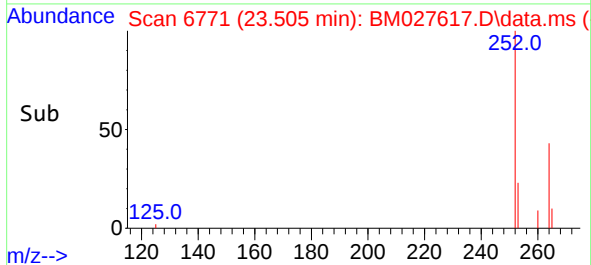
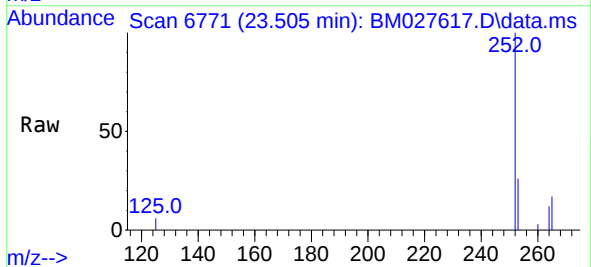
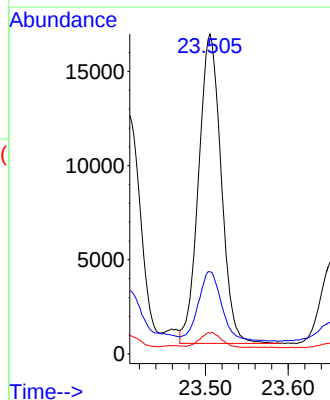
Manual Integrations
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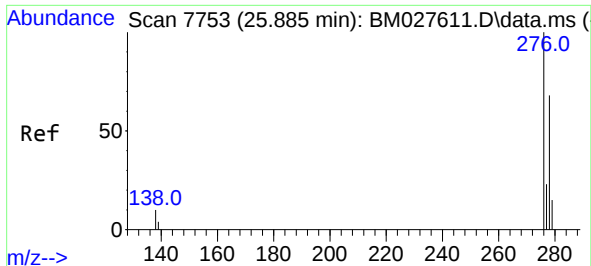
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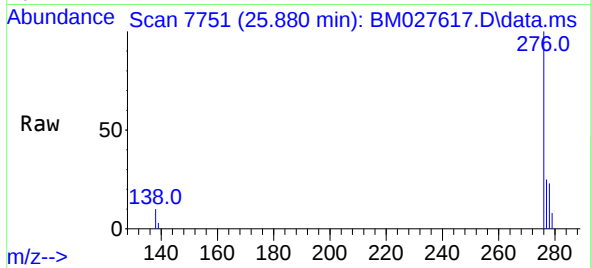
#23
Benzo(a)pyrene
Concen: 1.04 ng/ul
RT: 23.505 min Scan# 6771
Delta R.T. -0.003 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:	252	Resp:	30986
Ion Ratio	Lower	Upper	
252	100		
253	25.7	19.6	29.4
125	6.5	5.0	7.6

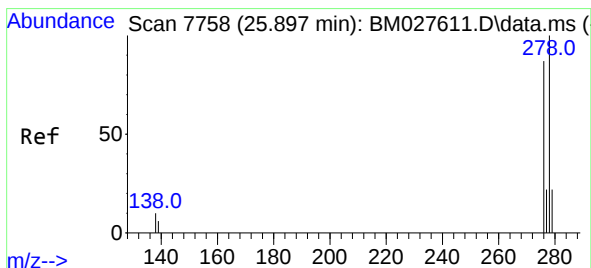
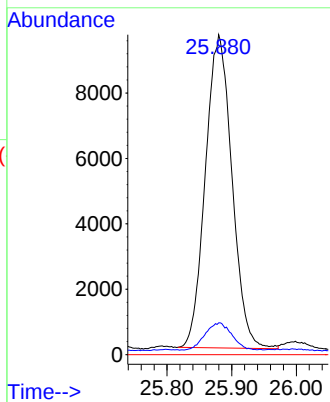
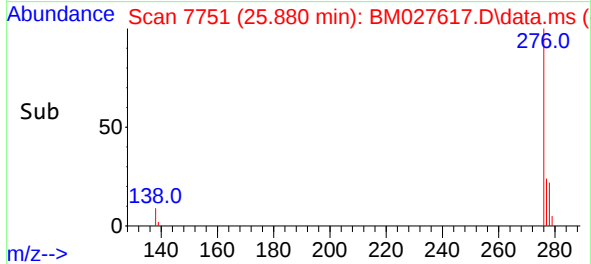




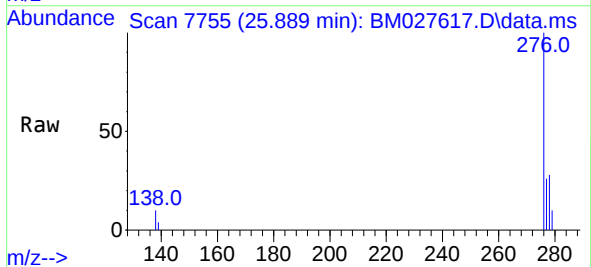
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.71 ng/ul
RT: 25.880 min Scan# 7751
Delta R.T. -0.008 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



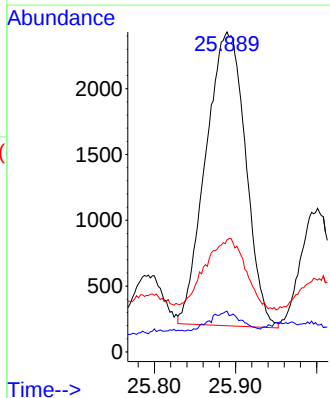
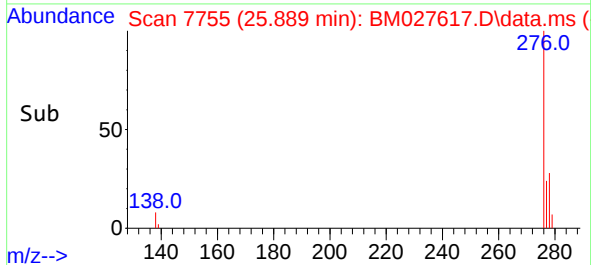
Tgt Ion: 276 Resp: 27326
Ion Ratio Lower Upper
276 100
138 8.8 8.6 12.8
227 0.0 0.0 0.0



#25
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.889 min Scan# 7755
Delta R.T. -0.012 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13



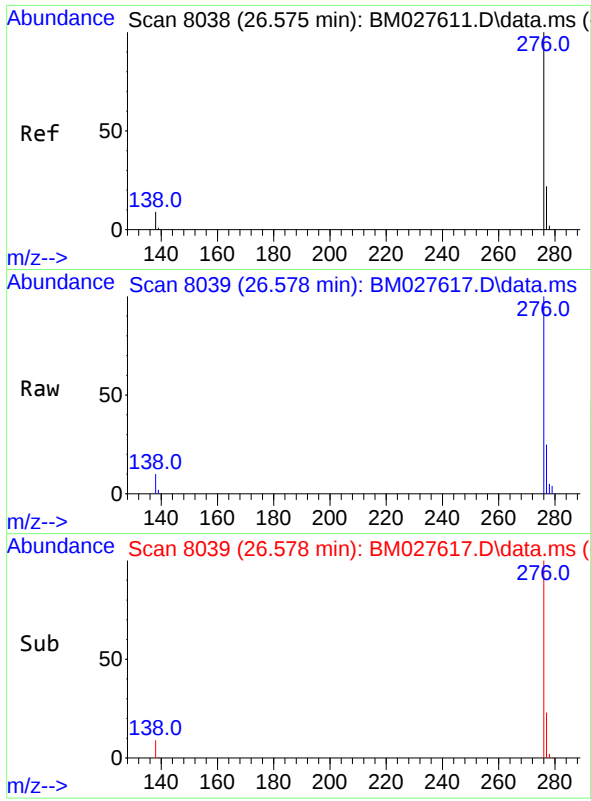
Tgt Ion: 278 Resp: 7608
Ion Ratio Lower Upper
278 100
139 12.8 7.6 11.4#
279 35.0 20.7 31.1#



Instrument :
BNA_M
ClientSampleId :
C0AN1

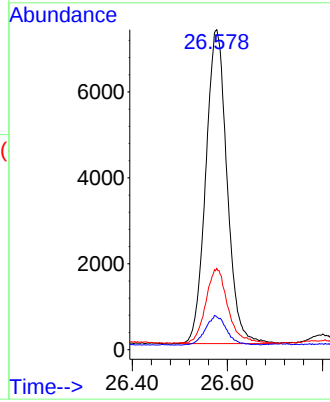
Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:02 PM



#26
Benzo(g,h,i)perylene
Concen: 0.70 ng/ul
RT: 26.578 min Scan# 8039
Delta R.T. -0.005 min
Lab File: BM027617.D
Acq: 05 Oct 2020 22:13

Tgt Ion:	276	Resp:	22658
Ion Ratio	Lower	Upper	
276	100		
138	10.3	9.0	13.4
277	25.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AN1

Manual Integrations
APPROVED

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