

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031448.D
 Acq On : 04 Aug 2021 15:29
 Operator : CG/JU
 Sample : M3123-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0076

Manual Integrations
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Quant Time: Aug 04 17:07:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1528	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	6046	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.224	164	4481	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	7817	0.400	ng/ul #	0.00
17) Chrysene-d12	21.166	240	6374	0.400	ng/ul #	0.00
23) Perylene-d12	23.324	264	6036	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2404	1.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	1503	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	3317	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.401	128	16746	0.930	ng/ul	98
7) 2-Methylnaphthalene	12.020	142	44728	3.635	ng/ul	100
8) 1-Methylnaphthalene	12.245	142	21680	1.783	ng/ul	100
10) Acenaphthylene	13.945	152	1514	0.079	ng/ul#	78
11) Acenaphthene	14.315	153	2275m	0.142	ng/ul	
12) Fluorene	15.278	166	3246	0.176	ng/ul#	73
15) Phenanthrene	17.013	178	79131	3.188	ng/ul	98
16) Anthracene	17.103	178	1604m	0.069	ng/ul	
19) Fluoranthene	19.035	202	29174	1.072	ng/ul#	95
20) Pyrene	19.397	202	24220	0.877	ng/ul#	94
21) Benzo(a)anthracene	21.149	228	10389	0.404	ng/ul#	70
22) Chrysene	21.200	228	41585	1.562	ng/ul#	93
24) Benzo(b)fluoranthene	22.684	252	20820m	0.766	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	4291m	0.153	ng/ul	
26) Benzo(a)pyrene	23.229	252	6776	0.285	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.461	276	5394	0.175	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.473	278	2900	0.117	ng/ul#	39
29) Benzo(g,h,i)perylene	26.110	276	766	0.029	ng/ul#	36

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

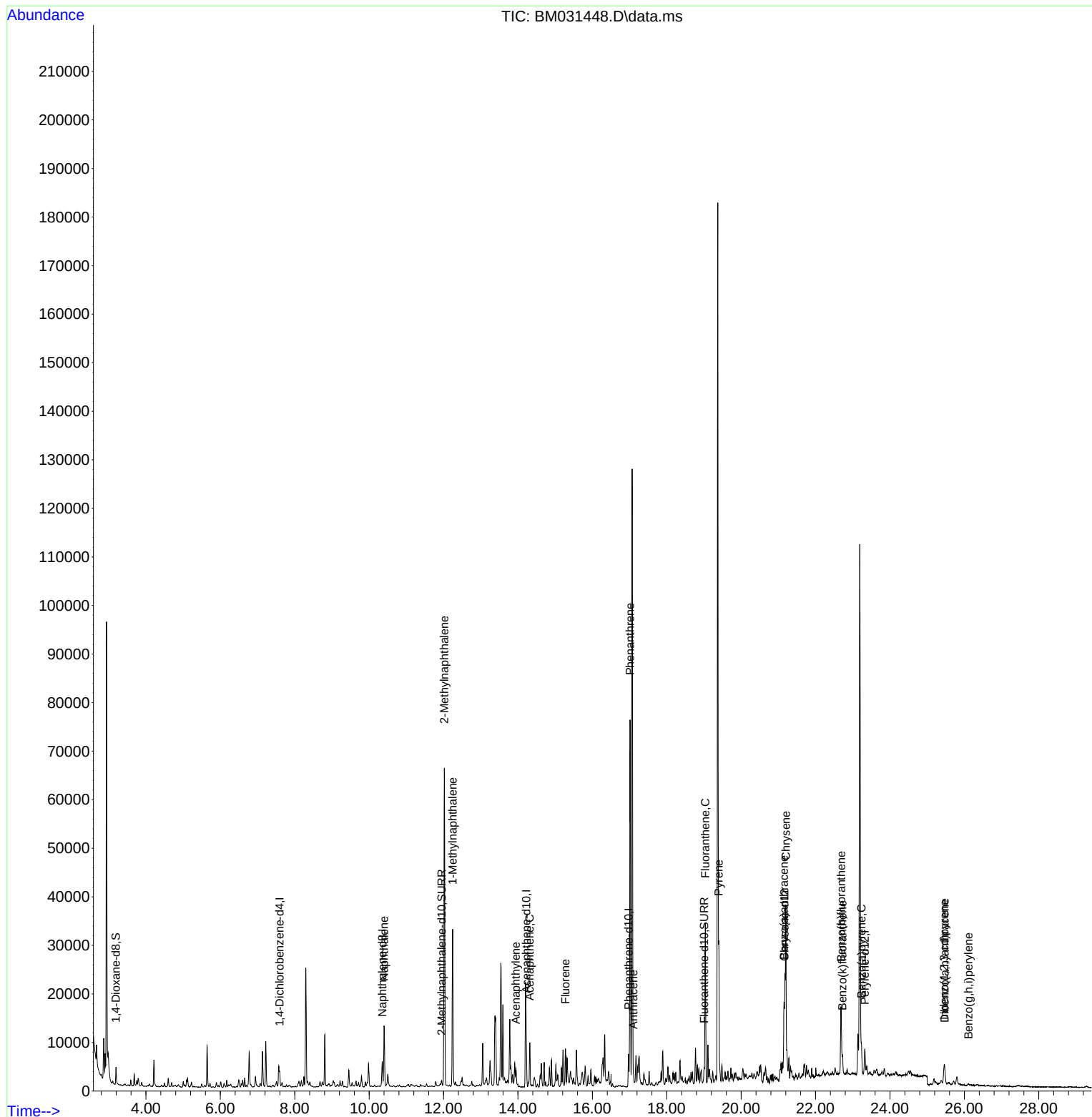
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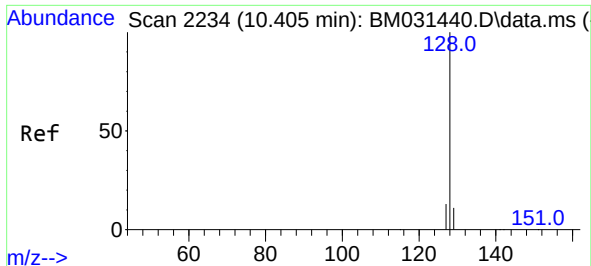
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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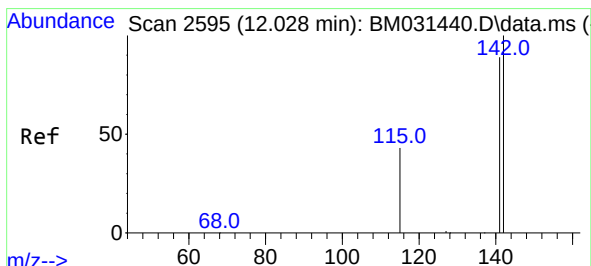
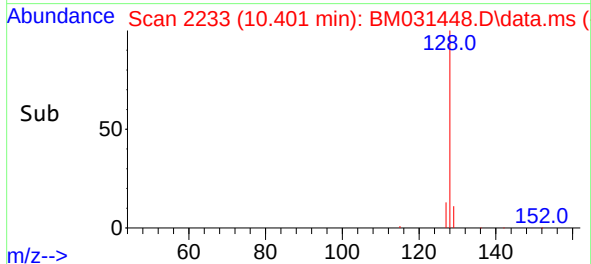
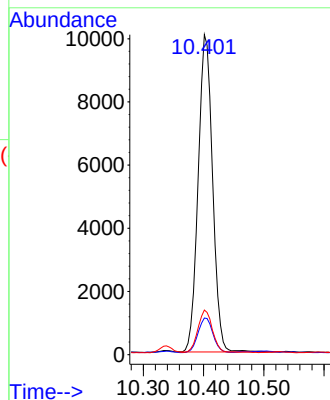
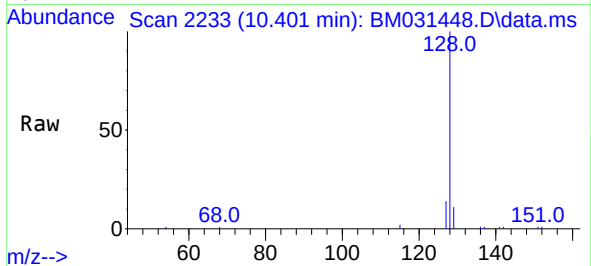
#5
Naphthalene
Concen: 0.930 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:128	Resp:	16746
Ion Ratio	Lower	Upper
128	100	
129	11.4	10.0 15.0
127	14.0	11.6 17.4

Instrument :
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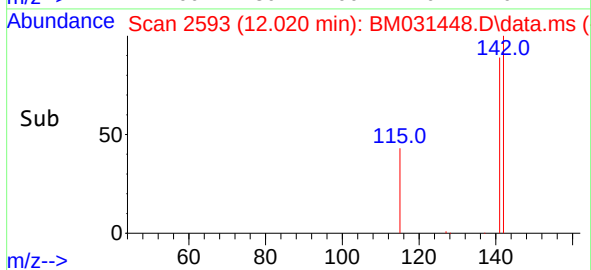
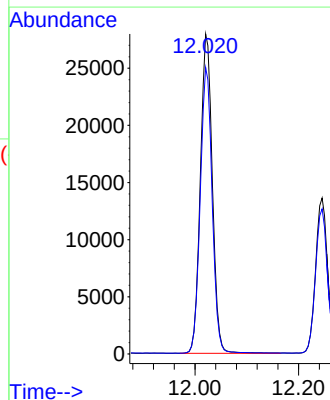
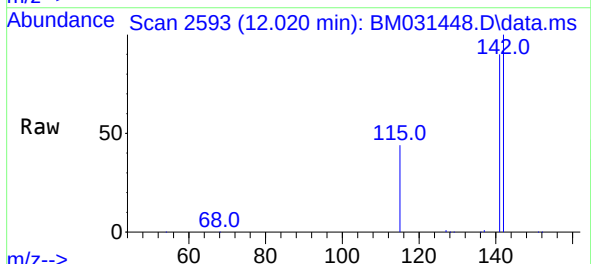
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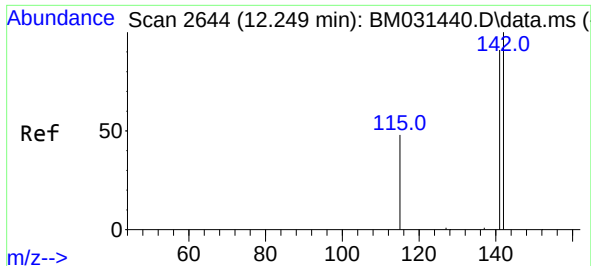
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#7
2-Methylnaphthalene
Concen: 3.635 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. -0.008 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:142	Resp:	44728
Ion Ratio	Lower	Upper
142	100	
141	89.2	71.4 107.0





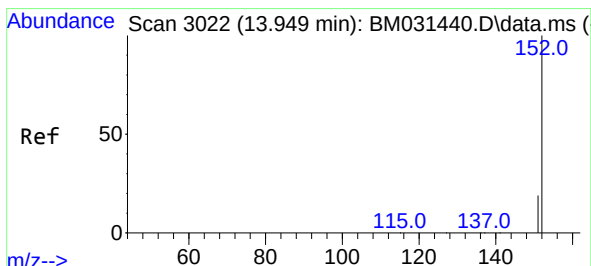
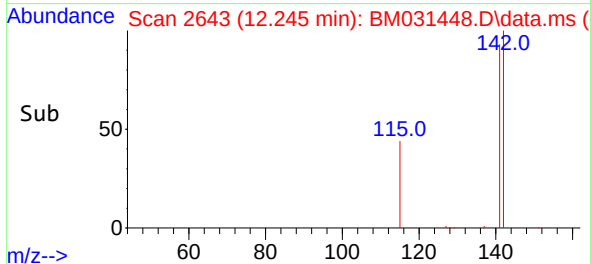
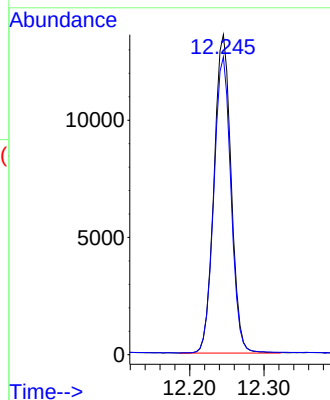
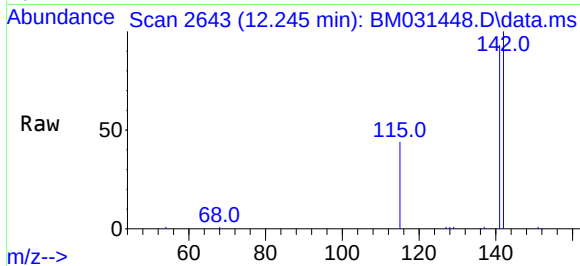
#8
1-Methylnaphthalene
Concen: 1.783 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:142 Resp: 21680
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

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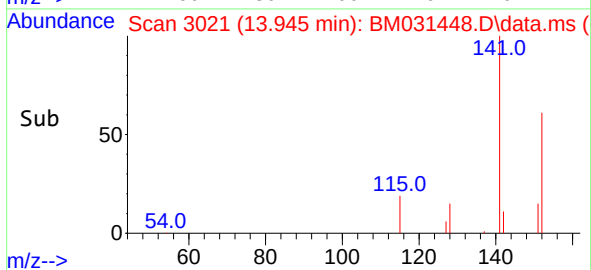
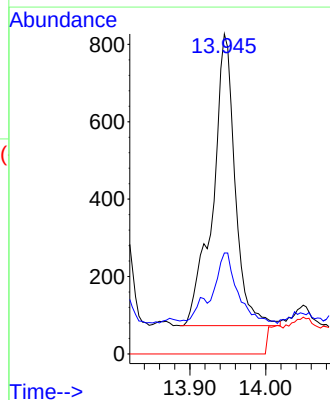
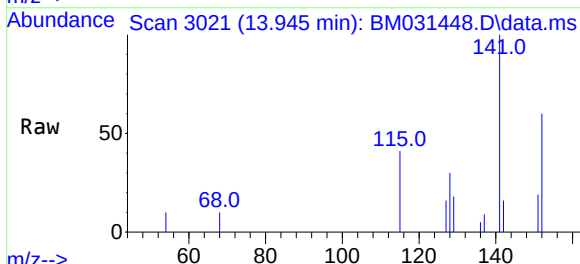
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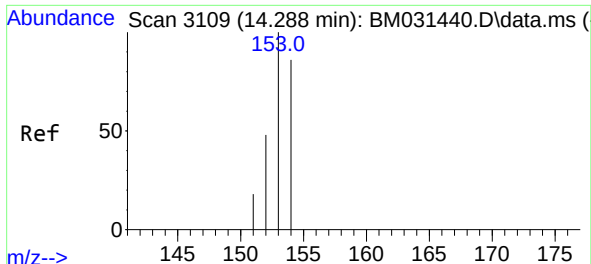
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#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

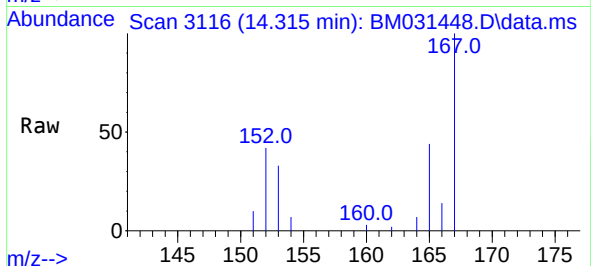
Tgt Ion:152 Resp: 1514
Ion Ratio Lower Upper
152 100
151 31.6 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.142 ng/ul m
RT: 14.315 min Scan# 3116
Delta R.T. 0.027 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

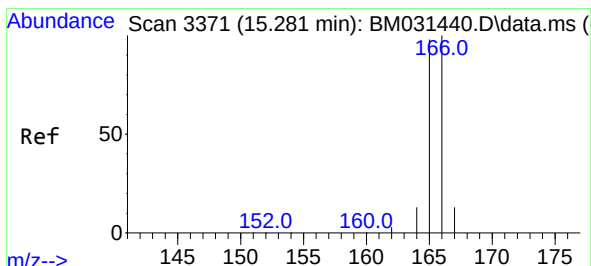
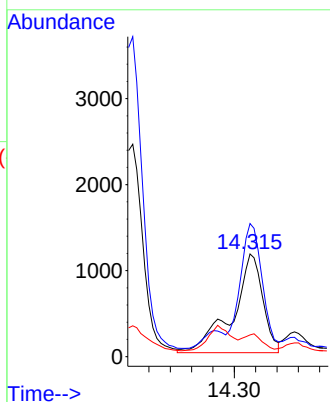
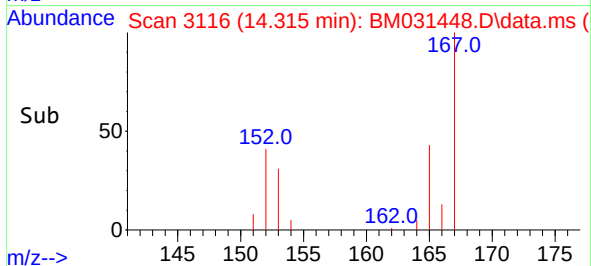
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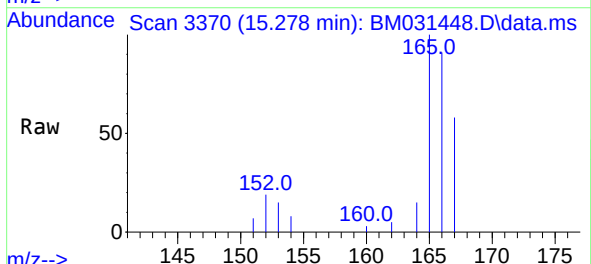
Tgt Ion:153 Resp: 2275
Ion Ratio Lower Upper
153 100
152 129.6 40.7 61.1#
154 21.1 70.2 105.2#

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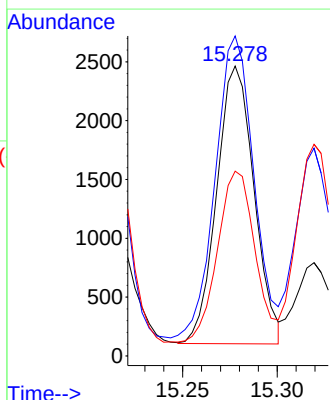
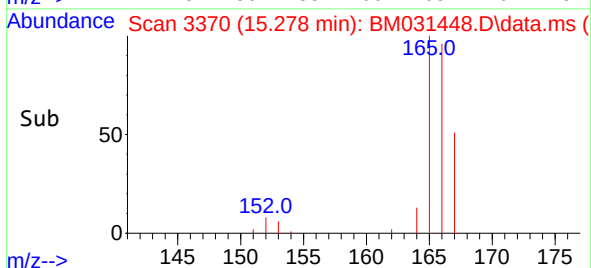
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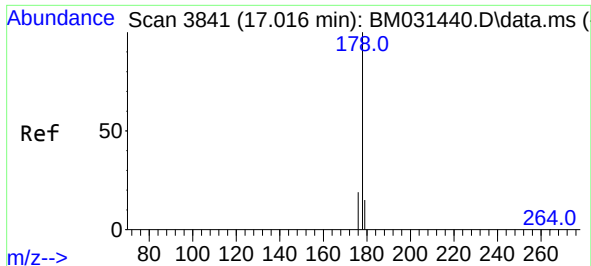


#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

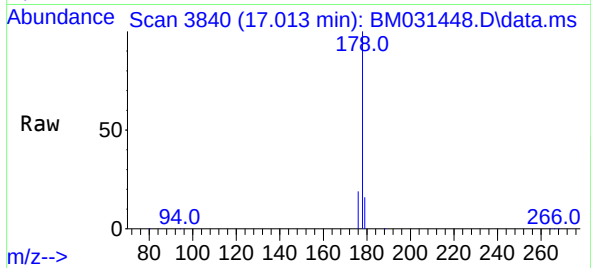


Tgt Ion:166 Resp: 3246
Ion Ratio Lower Upper
166 100
165 110.4 78.0 117.0
167 63.7 12.0 18.0#

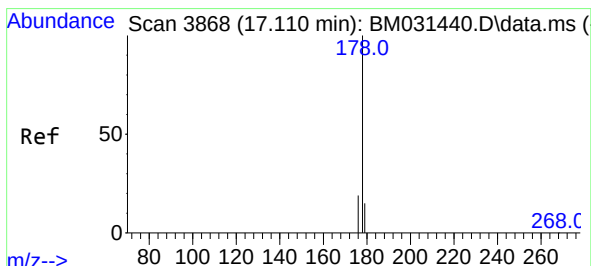
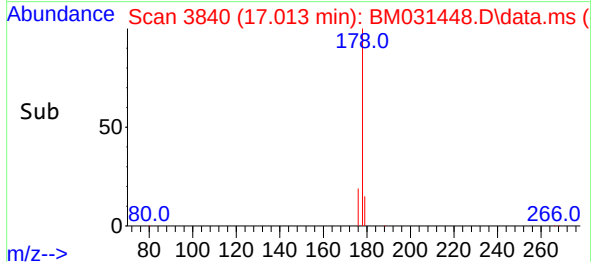
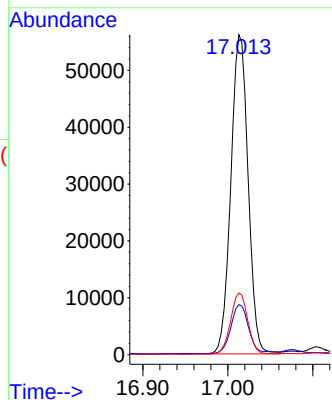




#15
Phenanthrene
Concen: 3.188 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

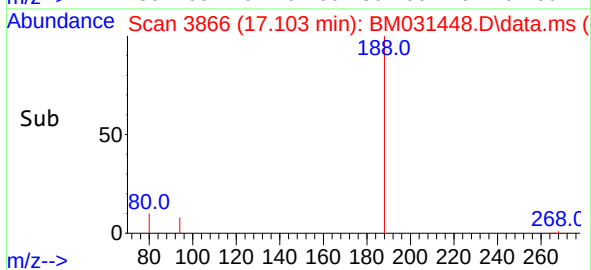
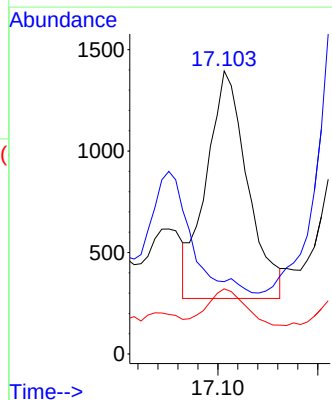
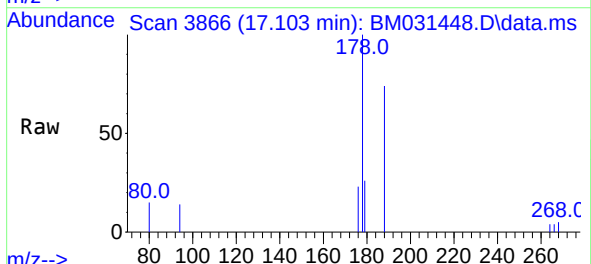


Tgt Ion:178 Resp: 79131
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.069 ng/ul m
RT: 17.103 min Scan# 3866
Delta R.T. -0.007 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

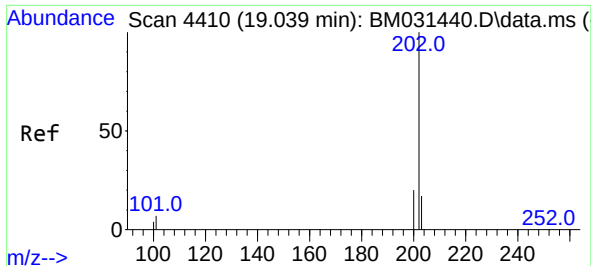
Tgt Ion:178 Resp: 1604
Ion Ratio Lower Upper
178 100
179 25.6 13.0 19.6#
176 23.0 15.6 23.4



Instrument :
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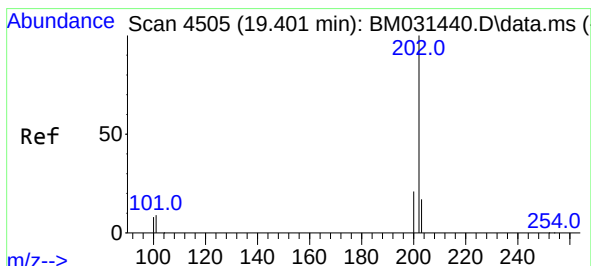
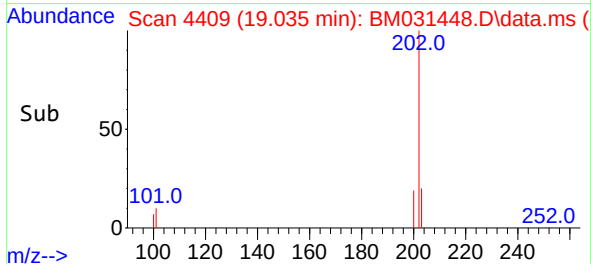
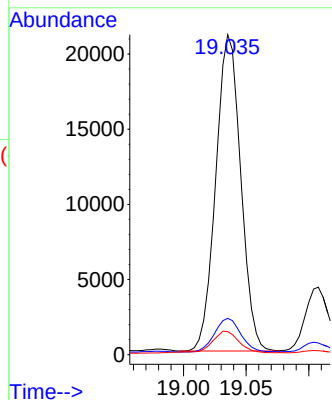
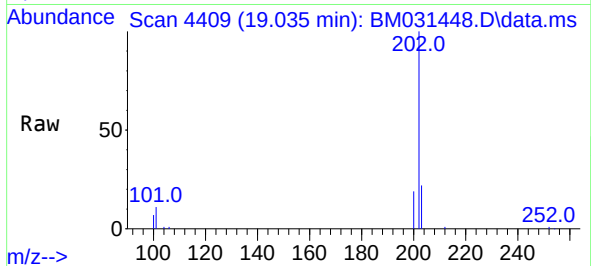
#19
Fluoranthene
Concen: 1.072 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	202	Resp:	29174
Ion Ratio	Lower	Upper	
202	100		
101	11.4	6.6	10.0#
100	7.2	5.4	8.0

Instrument :
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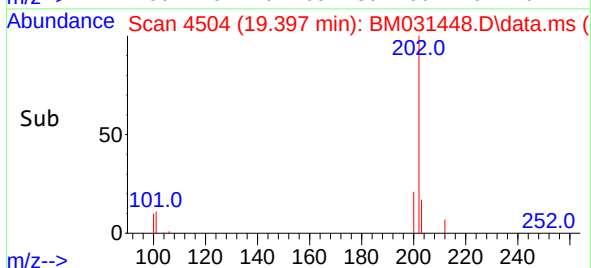
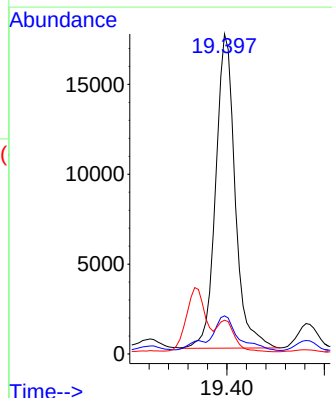
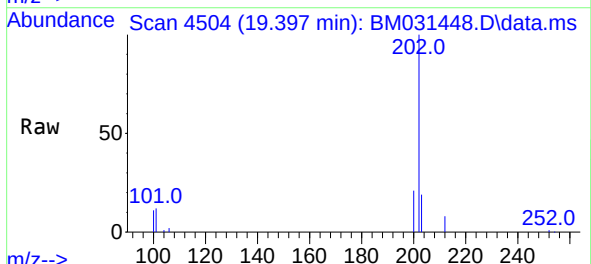
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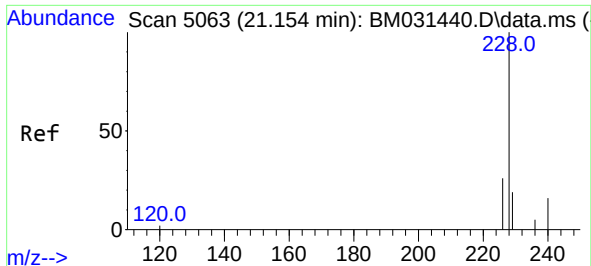
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#20
Pyrene
Concen: 0.877 ng/ul
RT: 19.397 min Scan# 4504
Delta R.T. -0.003 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	202	Resp:	24220
Ion Ratio	Lower	Upper	
202	100		
101	11.9	7.8	11.6#
100	10.6	6.6	10.0#





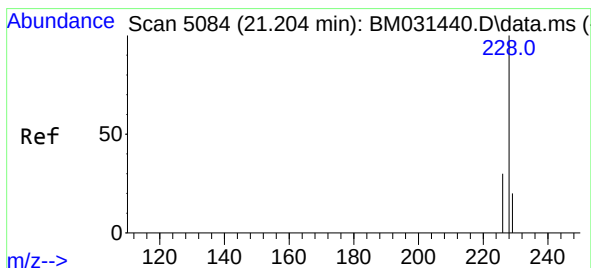
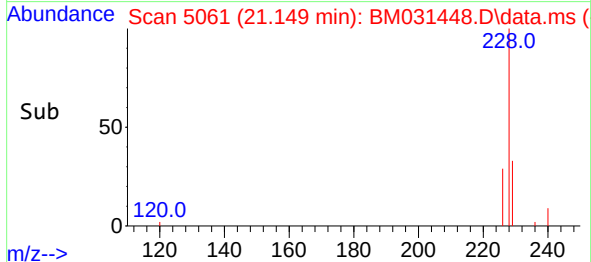
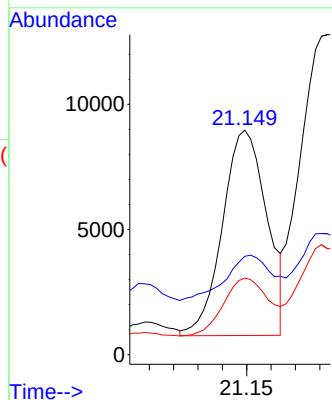
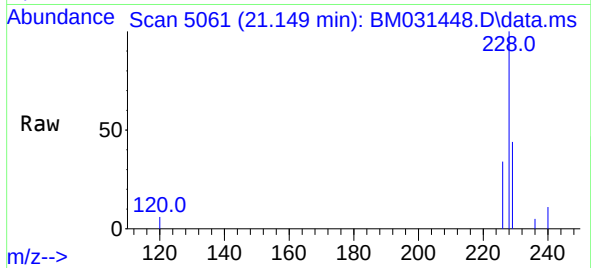
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.004 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:228 Resp: 10389
Ion Ratio Lower Upper
228 100
229 43.8 15.6 23.4#
226 34.1 21.7 32.5#

Instrument :
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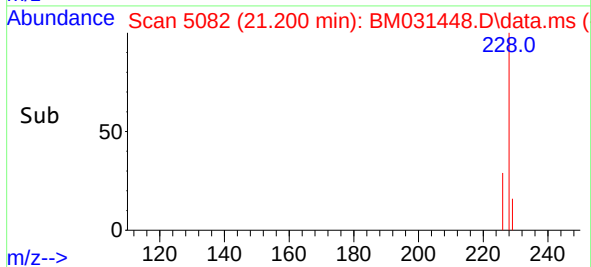
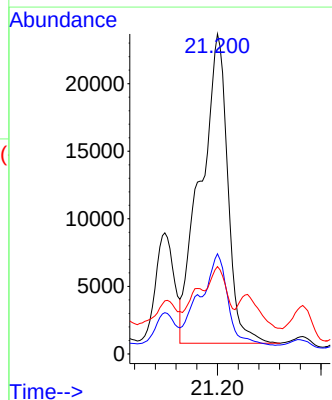
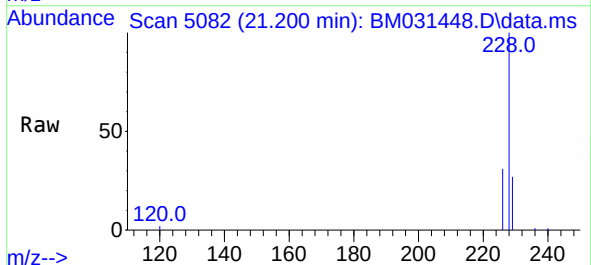
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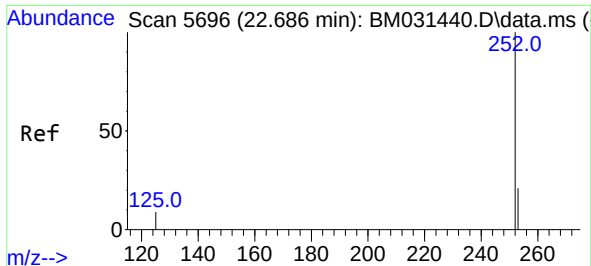
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#22
Chrysene
Concen: 1.562 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. -0.004 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:228 Resp: 41585
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 27.3 16.2 24.2#





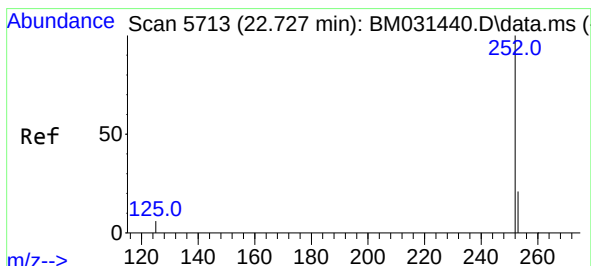
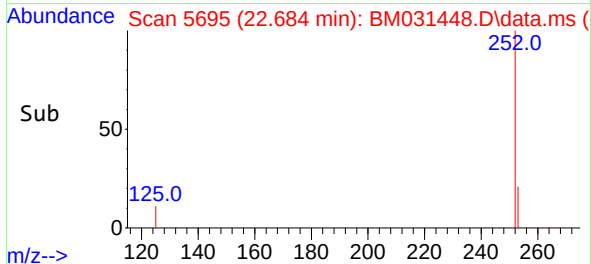
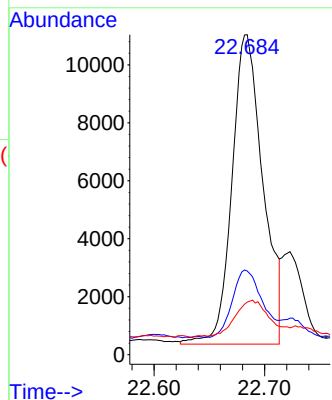
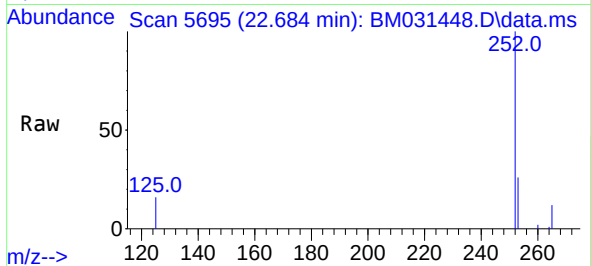
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Benzo(b)fluoranthene
Concen: 0.766 ng/ul m
RT: 22.684 min Scan# 5695
Delta R.T. -0.002 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	252	Resp:	20820
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	53.0
125	16.4	0.0	22.8

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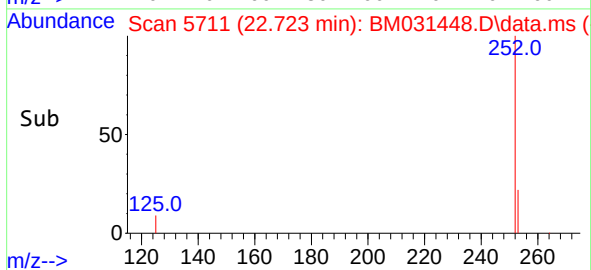
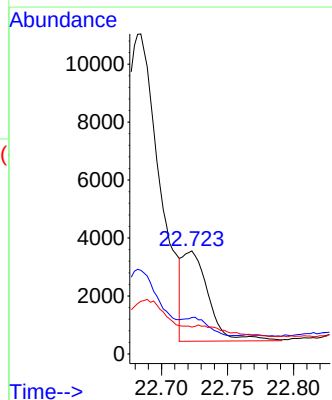
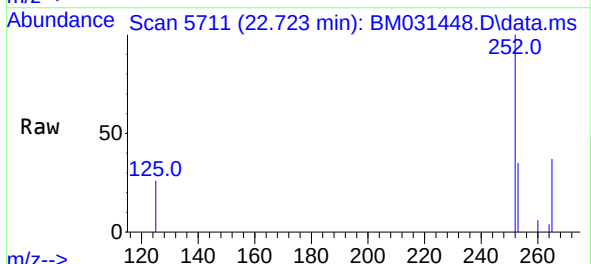
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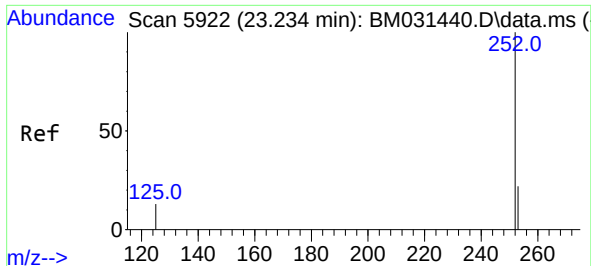
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#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.004 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	252	Resp:	4291
Ion Ratio	Lower	Upper	
252	100		
253	35.4	21.3	31.9#
125	26.1	8.8	13.2#





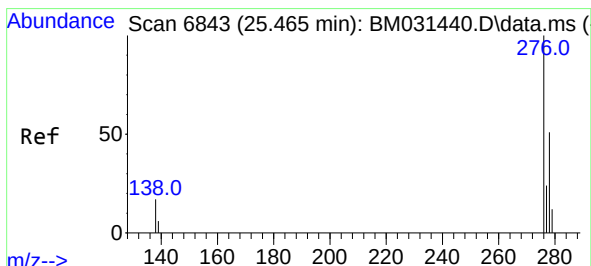
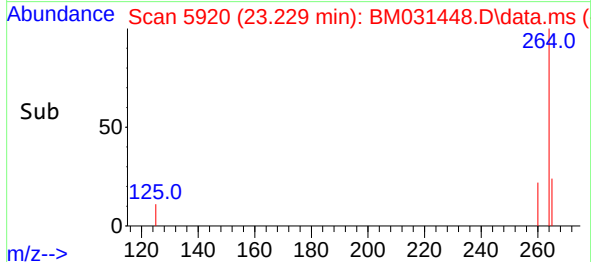
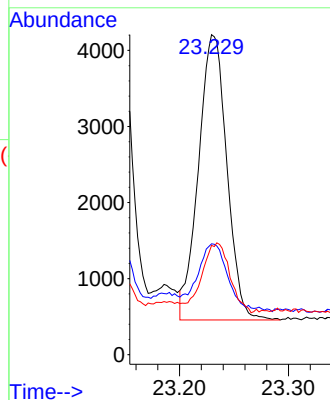
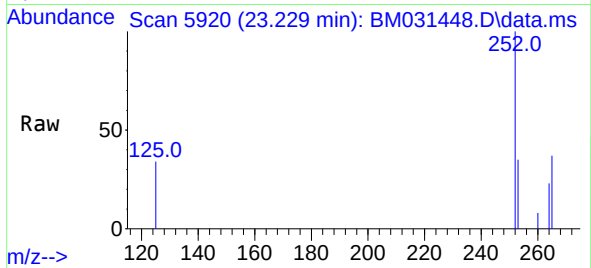
#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.229 min Scan# 5920
Delta R.T. -0.004 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	252	Resp:	6776
Ion Ratio	Lower	Upper	
252	100		
253	34.7	22.4	33.6#
125	34.1	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0076

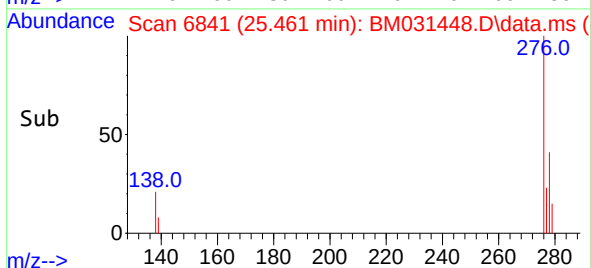
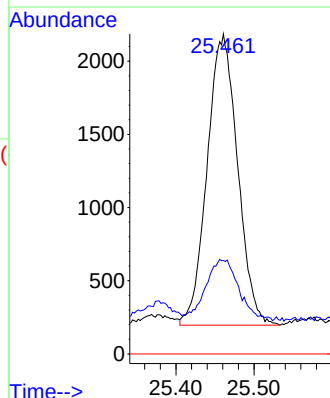
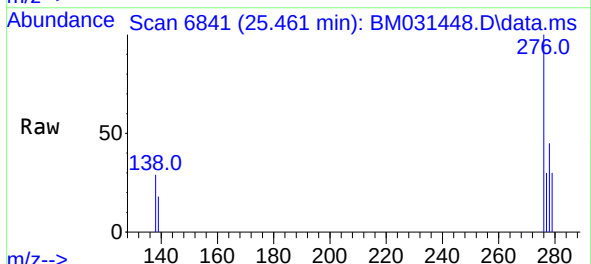
Manual Integrations
APPROVED

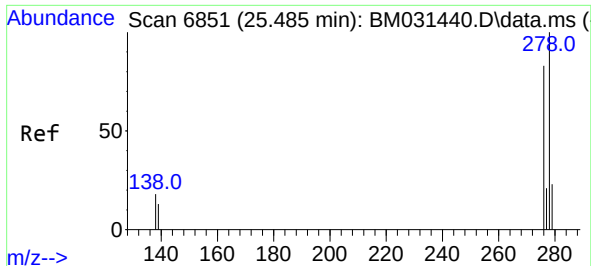
mohammad
8/5/2021 5:04:40 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.004 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	276	Resp:	5394
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.8	23.8
227	0.0	0.0	0.0





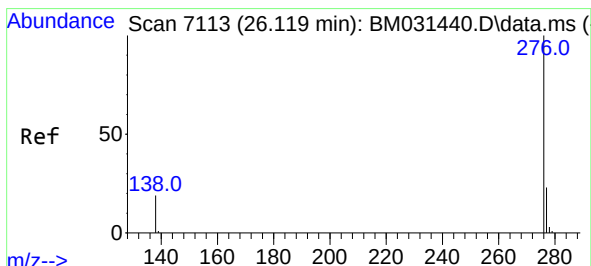
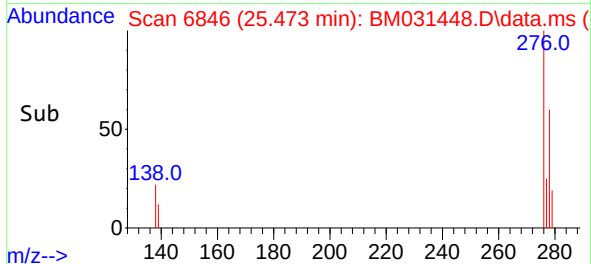
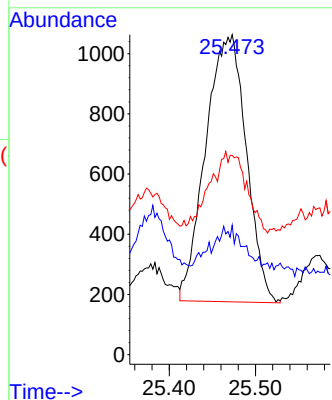
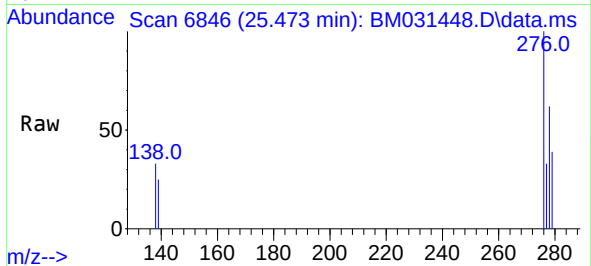
#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.012 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	278	Resp:	2900
Ion Ratio	Lower	Upper	
278	100		
139	40.5	13.3	19.9#
279	62.3	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0076

Manual Integrations
APPROVED

mohammad
8/5/2021 5:04:40 PM



#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.110 min Scan# 7109
Delta R.T. -0.009 min
Lab File: BM031448.D
Acq: 04 Aug 2021 15:29

Tgt Ion:	276	Resp:	766
Ion Ratio	Lower	Upper	
276	100		
138	54.7	15.4	23.2#
277	51.9	19.9	29.9#

