

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031561.D
 Acq On : 07 Aug 2021 21:35
 Operator : CG/JU
 Sample : M3124-11DL 2X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 04:08:18 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 : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

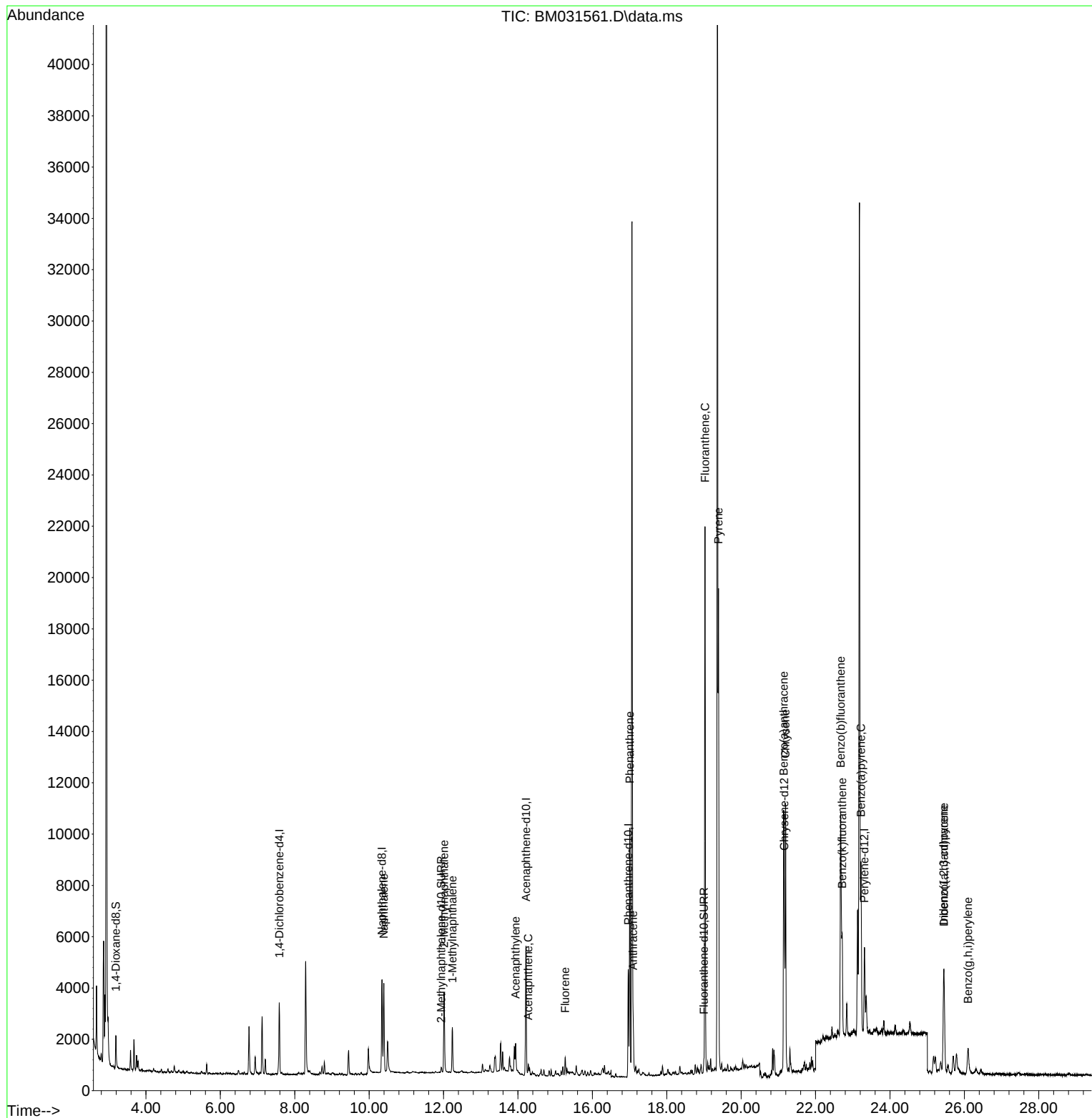
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2761	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5137	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4230	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4182	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	868	0.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	310	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	569	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	4732	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	2399	0.239	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	1226	0.124	ng/ul	99
10) Acenaphthylene	13.936	152	1201	0.102	ng/ul#	90
11) Acenaphthene	14.277	153	312	0.032	ng/ul#	89
12) Fluorene	15.270	166	400	0.035	ng/ul#	80
15) Phenanthrene	17.006	178	10571	0.648	ng/ul	99
16) Anthracene	17.096	178	1613	0.106	ng/ul#	90
19) Fluoranthene	19.027	202	18356	1.016	ng/ul	97
20) Pyrene	19.390	202	15739	0.859	ng/ul	97
21) Benzo(a)anthracene	21.142	228	8012	0.469	ng/ul	94
22) Chrysene	21.193	228	10334	0.585	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	13421m	0.712	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	4460m	0.229	ng/ul	
26) Benzo(a)pyrene	23.220	252	8067	0.489	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.446	276	6184	0.290	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	1542	0.090	ng/ul#	56
29) Benzo(g,h,i)perylene	26.100	276	1997	0.110	ng/ul#	74

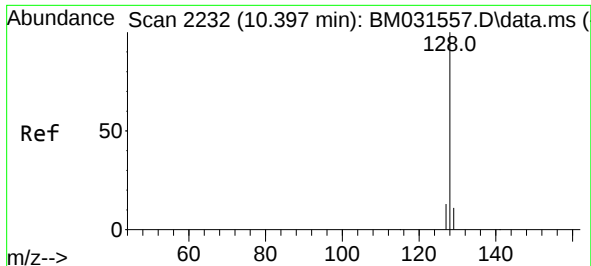
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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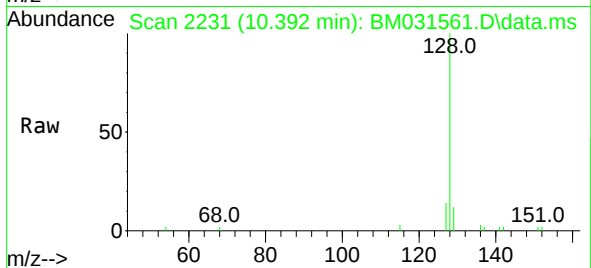
Quant Time: Aug 09 04:08:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration



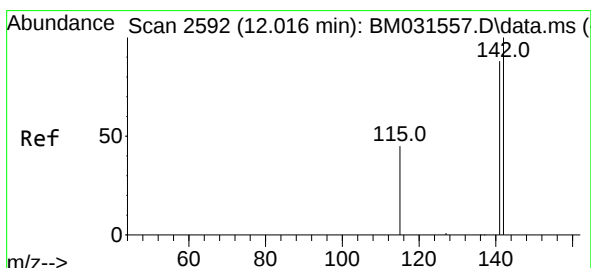
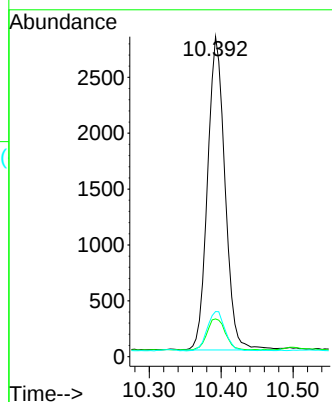
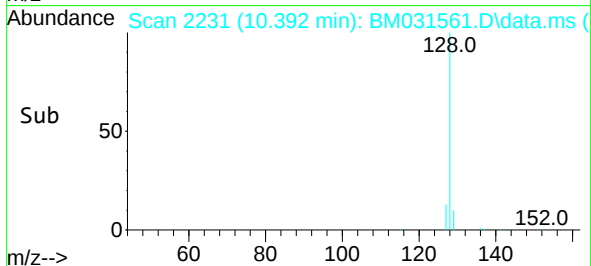


#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

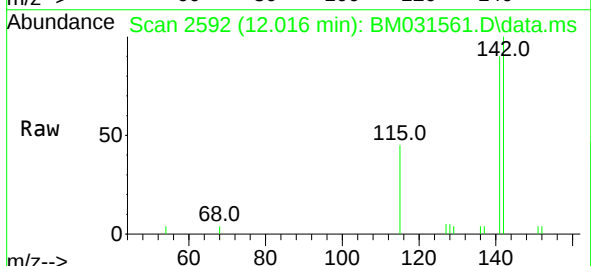
Instrument :
MSVOA_U
ClientSampled :



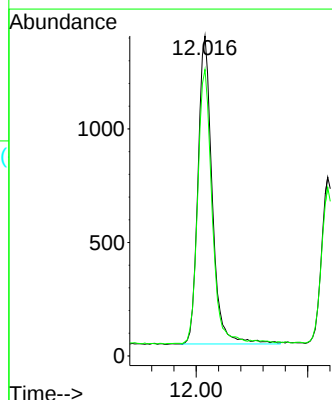
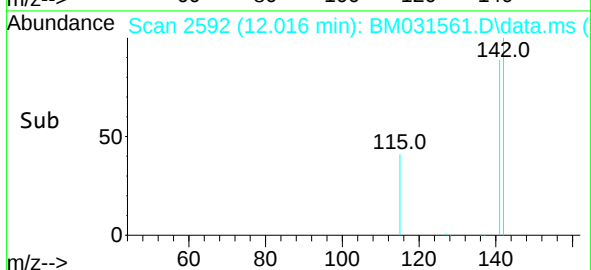
Tgt Ion:	128	Resp:	4732
Ion Ratio	100	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	14.1	11.6	17.4

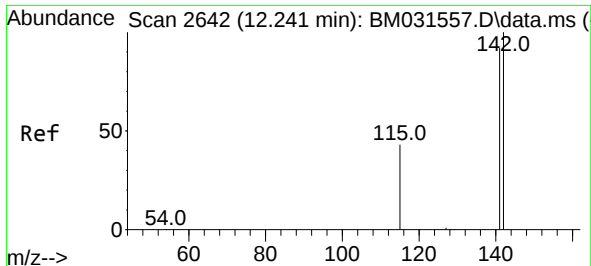


#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35



Tgt Ion:	142	Resp:	2399
Ion Ratio	100	Lower	Upper
142	100		
141	89.9	71.4	107.0

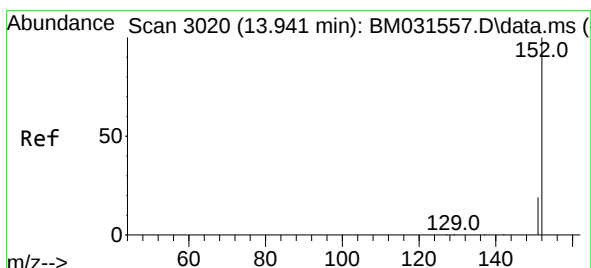
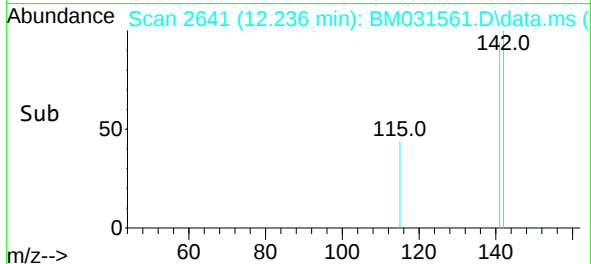
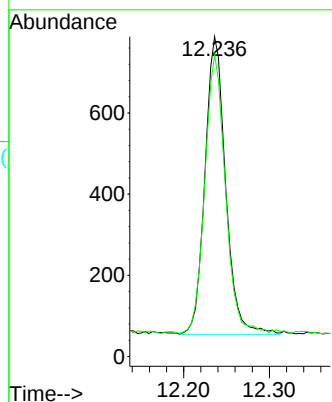
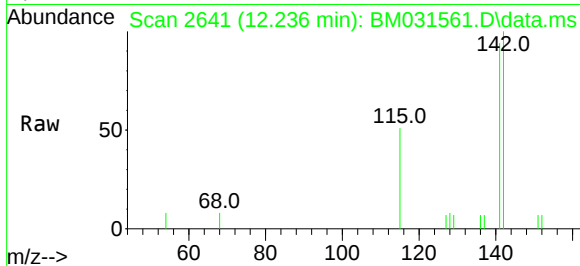




#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

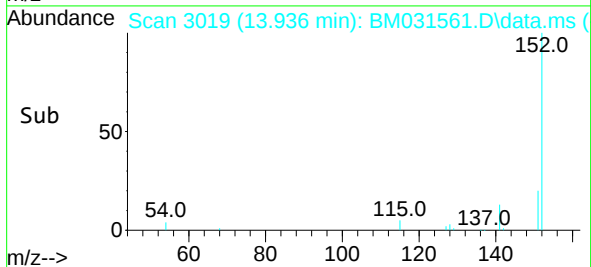
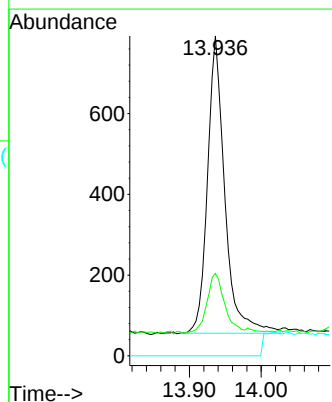
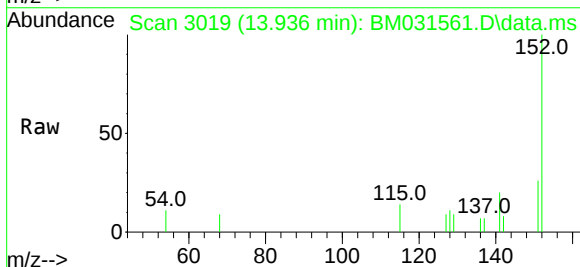
Instrument :
MSVOA_U
ClientSampleId :

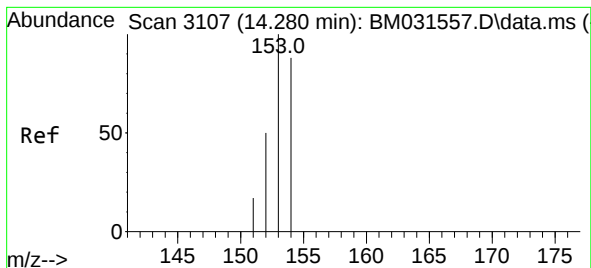
Tgt Ion:142 Resp: 1226
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

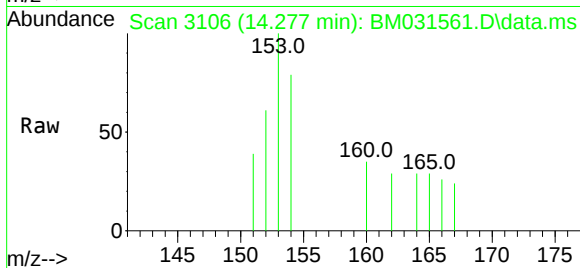
Tgt Ion:152 Resp: 1201
Ion Ratio Lower Upper
152 100
151 25.8 16.9 25.3#
153 0.0 0.0 0.0



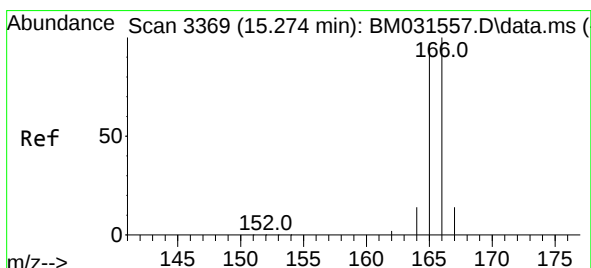
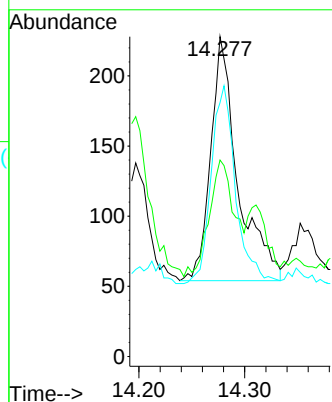
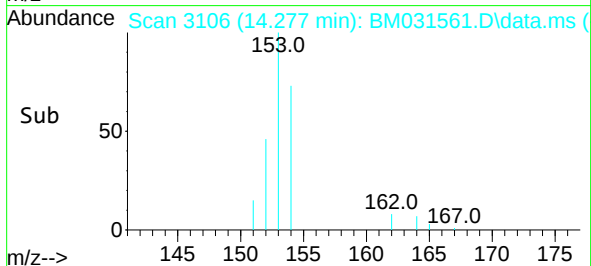


#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

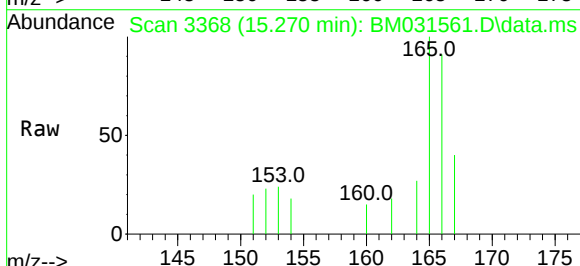
Instrument :
MSVOA_U
ClientSampleId :



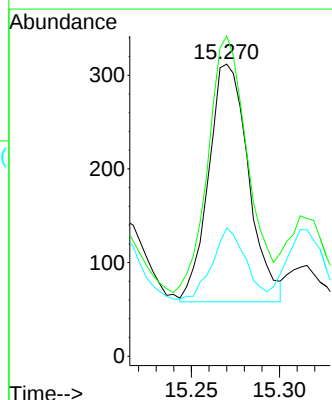
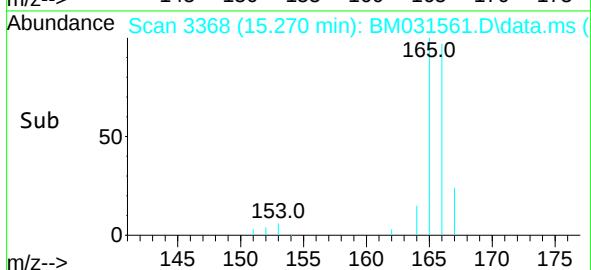
Tgt Ion:153 Resp: 312
Ion Ratio Lower Upper
153 100
152 61.4 40.7 61.1#
154 79.4 70.2 105.2

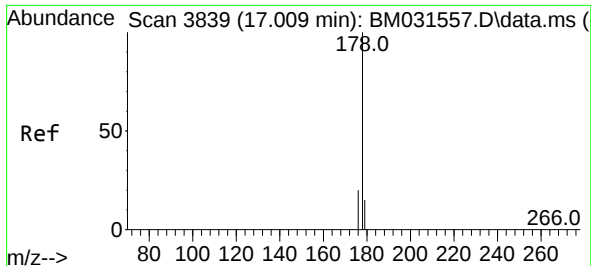


#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35



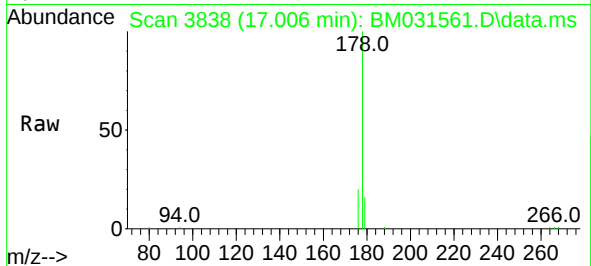
Tgt Ion:166 Resp: 400
Ion Ratio Lower Upper
166 100
165 109.6 78.0 117.0
167 43.9 12.0 18.0#



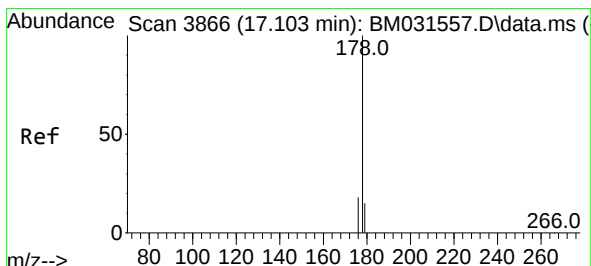
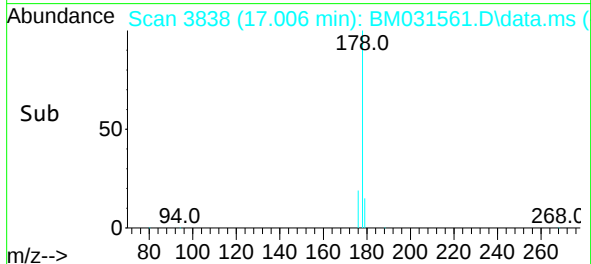
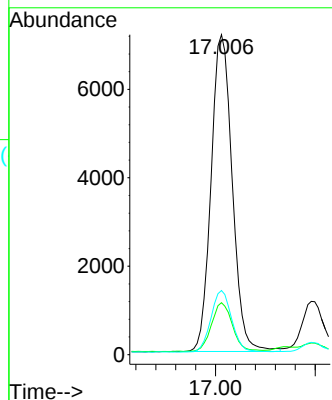


#15
Phenanthrene
Concen: 0.648 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Instrument :
MSVOA_U
ClientSampleId :

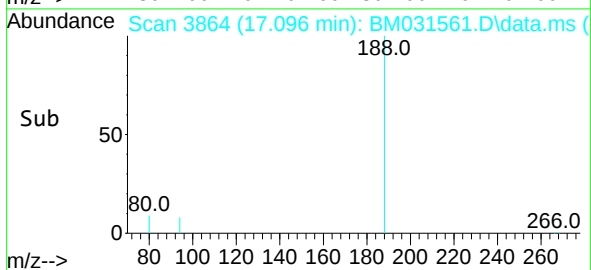
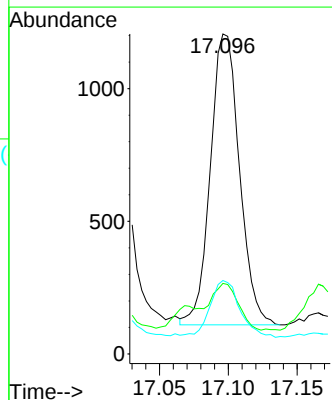
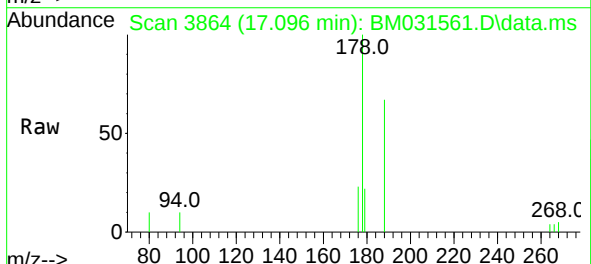


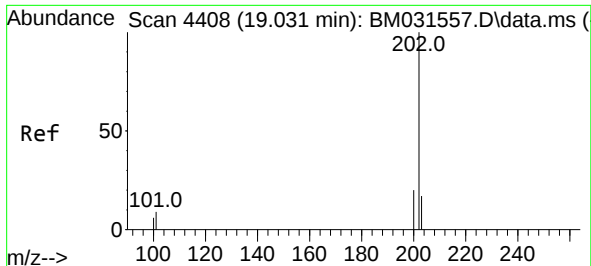
Tgt Ion:178 Resp: 10571
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.106 ng/u1
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Tgt Ion:178 Resp: 1613
Ion Ratio Lower Upper
178 100
179 22.1 13.0 19.6#
176 23.0 15.6 23.4

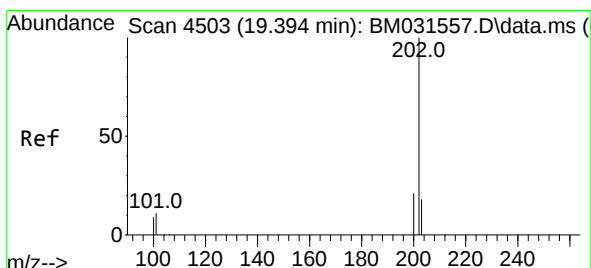
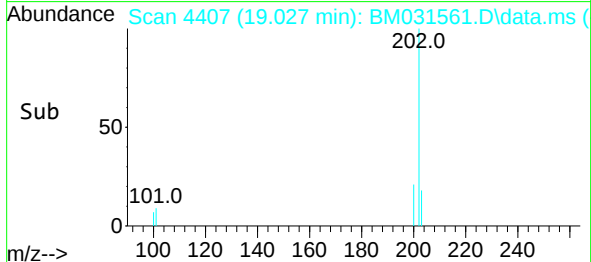
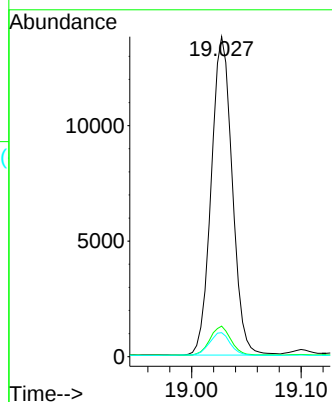
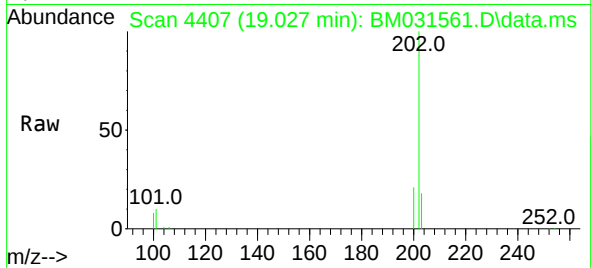




#19
Fluoranthene
Concen: 1.016 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

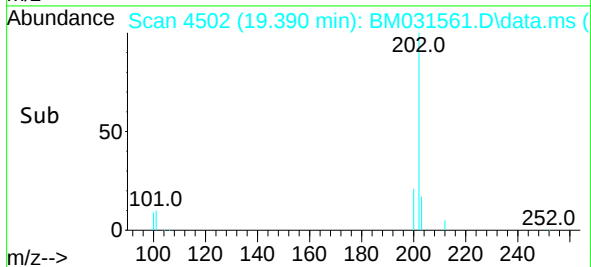
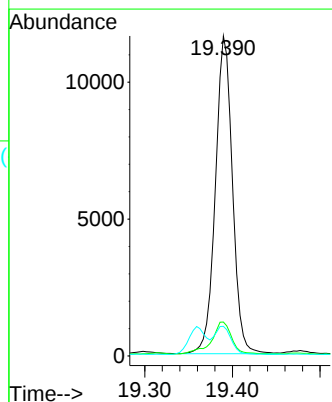
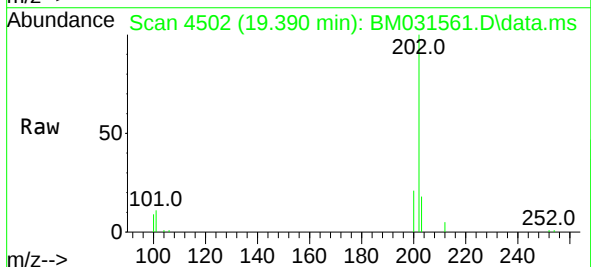
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MSVOA_U
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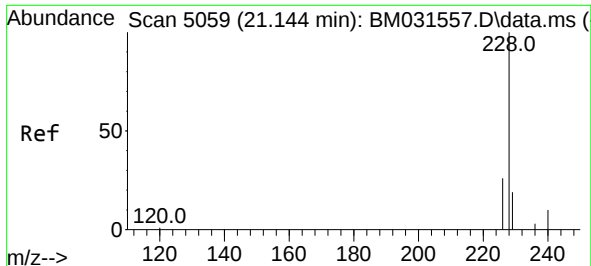
Tgt Ion:202 Resp: 18356
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.5 5.4 8.0



#20
Pyrene
Concen: 0.859 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.008 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Tgt Ion:202 Resp: 15739
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.2 6.6 10.0

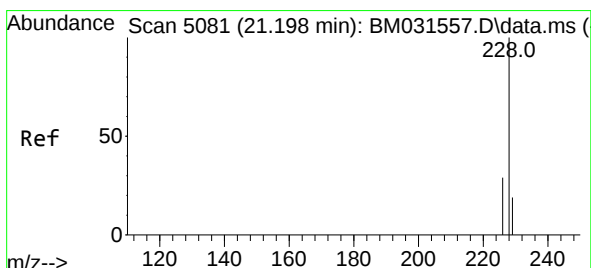
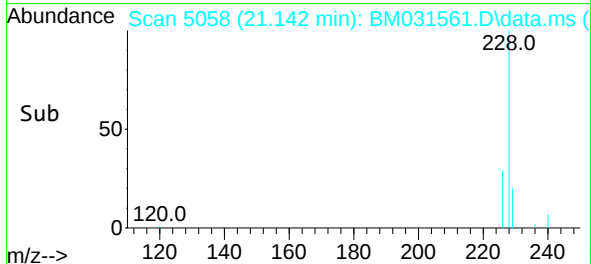
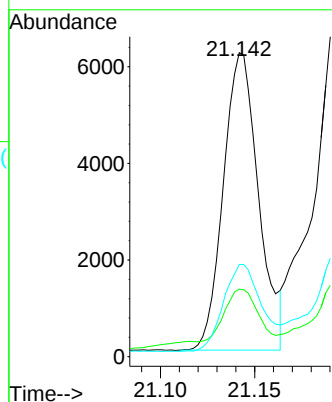
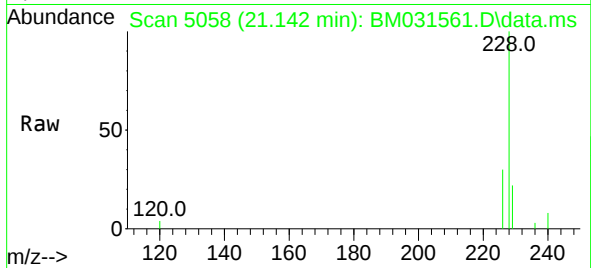




#21
Benzo(a)anthracene
Concen: 0.469 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

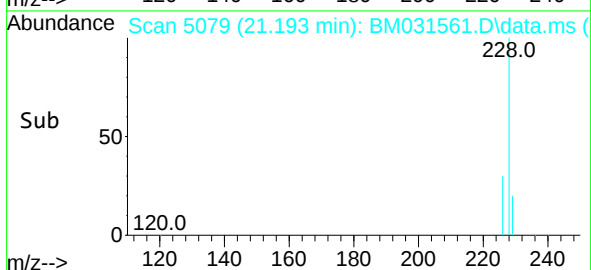
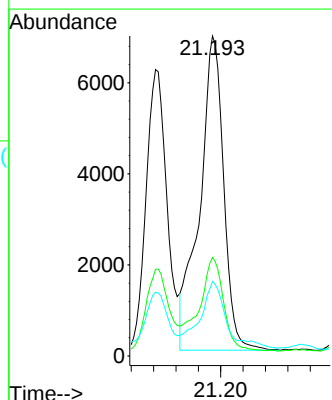
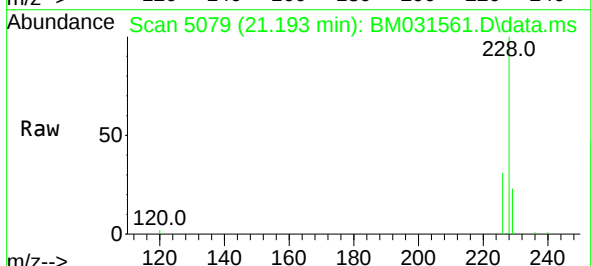
Instrument :
MSVOA_U
ClientSampled :

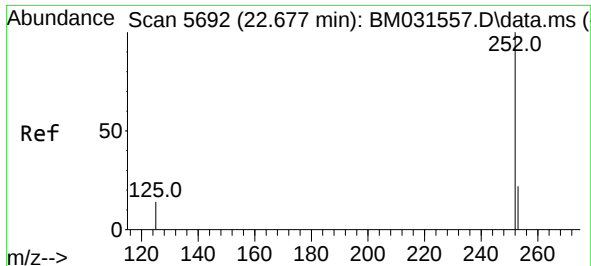
Tgt Ion:228	Resp:	8012
Ion Ratio	Lower	Upper
228	100	
229	22.2	15.6 23.4
226	30.3	21.7 32.5



#22
Chrysene
Concen: 0.585 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Tgt Ion:228	Resp:	10334
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.7 37.1
229	23.3	16.2 24.2

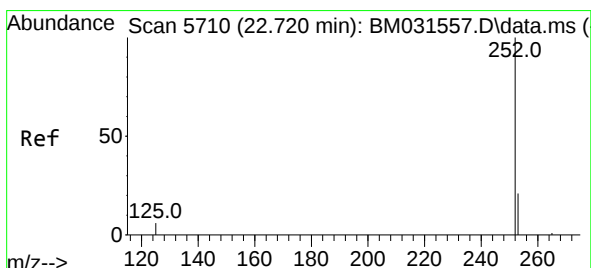
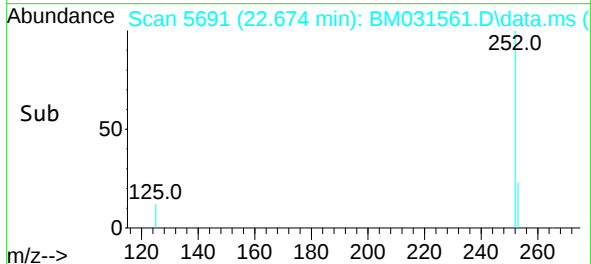
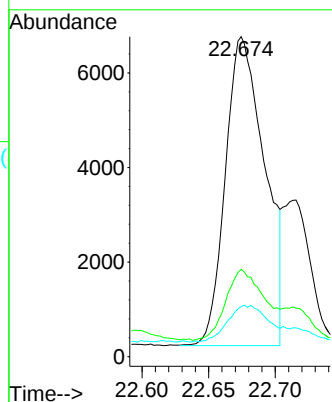
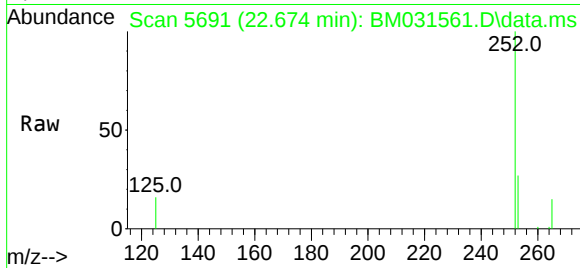




#24
Benzo(b)fluoranthene
Concen: 0.712 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

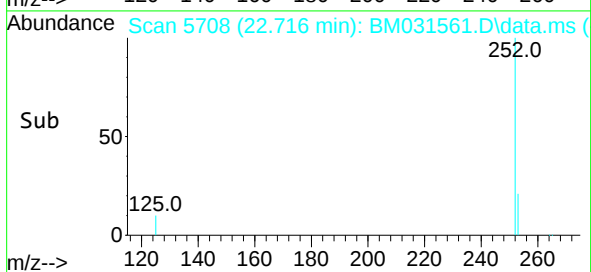
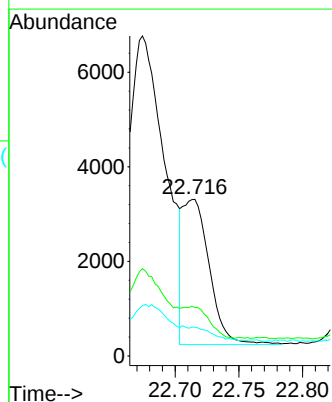
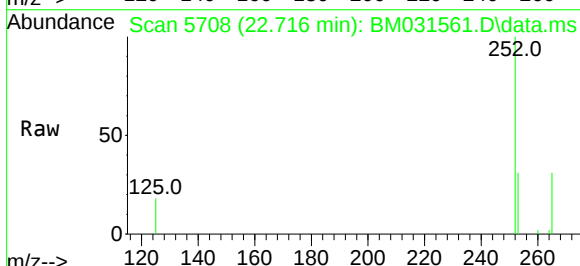
Instrument :
MSVOA_U
ClientSampleId :

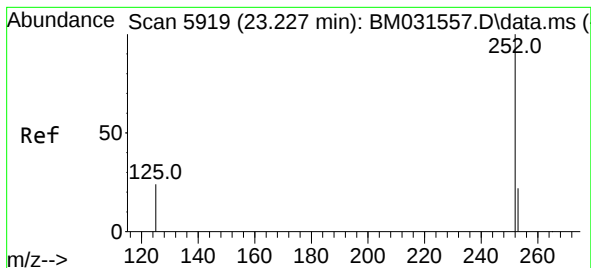
Tgt Ion:252	Resp:	13421
Ion Ratio	Lower	Upper
252	100	
253	27.3	0.0 53.0
125	15.7	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Tgt Ion:252	Resp:	4460
Ion Ratio	Lower	Upper
252	100	
253	31.0	21.3 31.9
125	18.4	8.8 13.2#





#26

Benzo(a)pyrene

Concen: 0.489 ng/ul

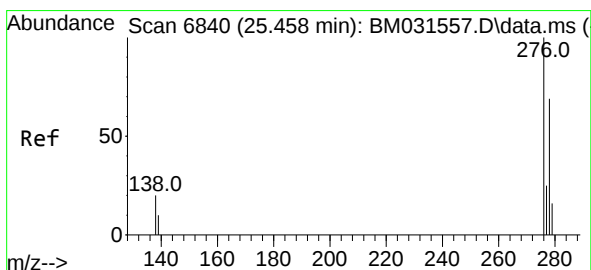
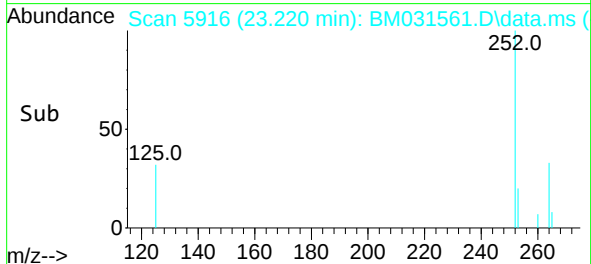
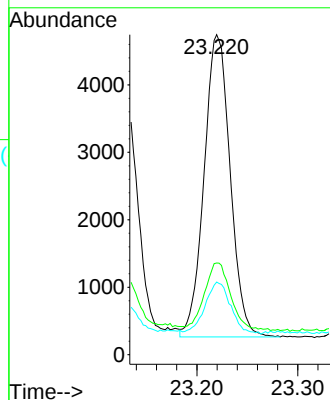
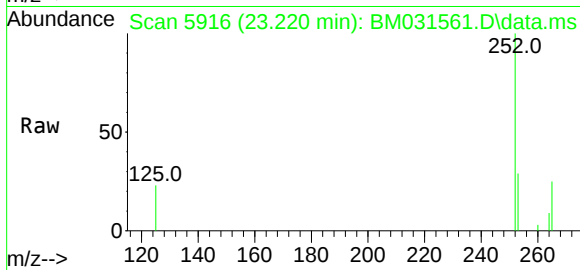
RT: 23.220 min Scan# 5916

Delta R.T. -0.012 min

Lab File: BM031561.D

Acq: 07 Aug 2021 21:35

Tgt Ion:	252	Resp:	8067
Ion Ratio	Lower	Upper	
252	100		
253	28.6	22.4	33.6
125	22.7	13.0	19.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.290 ng/ul

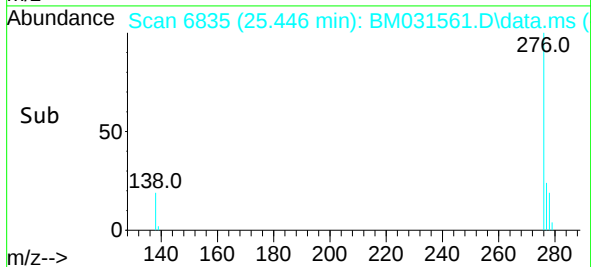
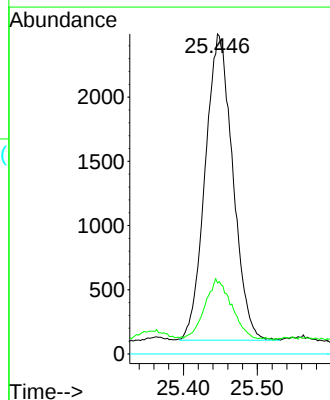
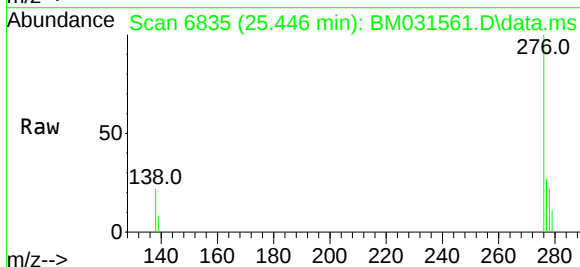
RT: 25.446 min Scan# 6835

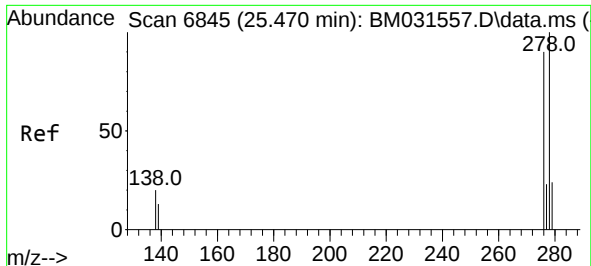
Delta R.T. -0.017 min

Lab File: BM031561.D

Acq: 07 Aug 2021 21:35

Tgt Ion:	276	Resp:	6184
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.8	23.8
227	0.0	0.0	0.0

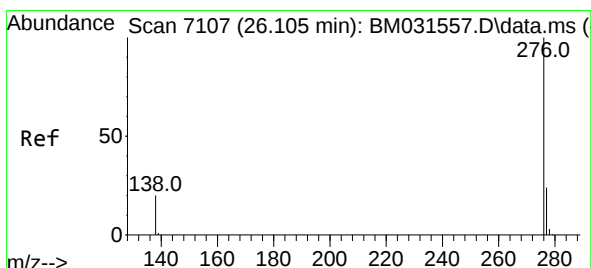
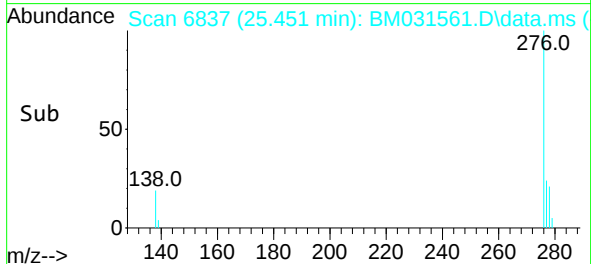
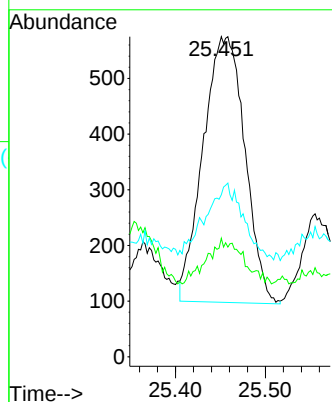
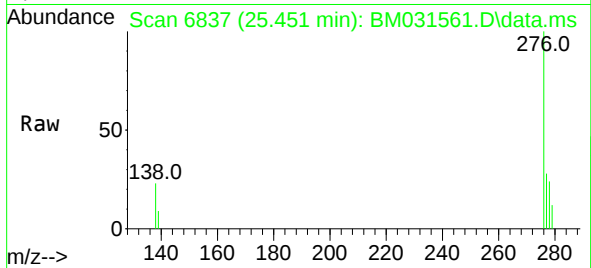




#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.024 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:278 Resp: 1542
Ion Ratio Lower Upper
278 100
139 37.0 13.3 19.9#
279 50.6 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.014 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

Tgt Ion:276 Resp: 1997
Ion Ratio Lower Upper
276 100
138 32.9 15.4 23.2#
277 36.2 19.9 29.9#

