

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 :
 BNA_M
 ClientSampleId :
 C0092DL

Manual Integrations
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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

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

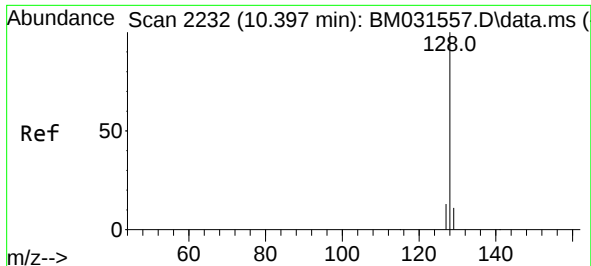
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2761	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5137	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4230	0.400	ng/ul	# 0.00
23) Perylene-d12	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

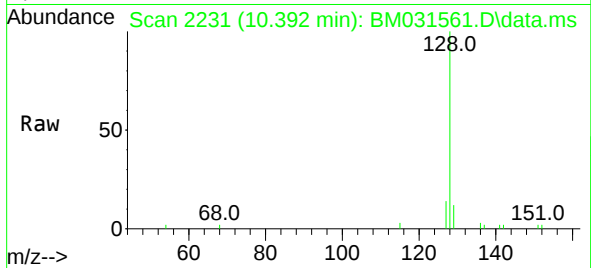
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TIC: BM031561.D\data.ms

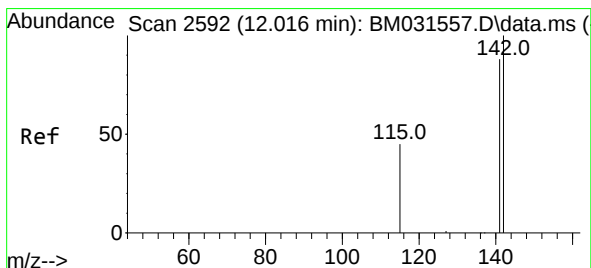
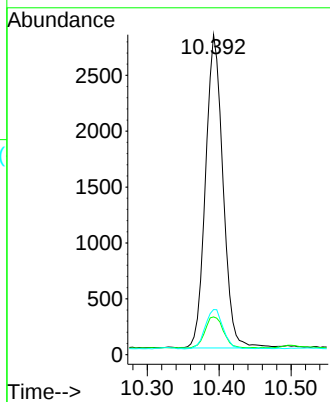
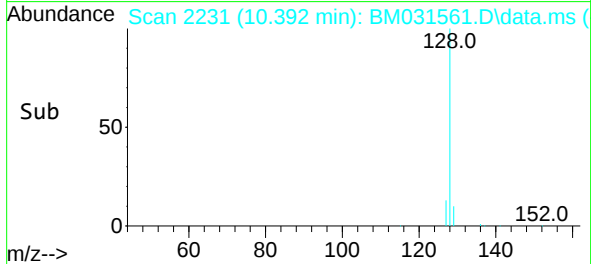
Retention Time (min)	Compound
~1.5	1,4-Dioxane-d8,S
~7.5	1,4-Dichlorobenzene-d4,I
~10.5	Naphthalene-d8,I
~12.5	2-Methylnaphthalene-d10,SURR
~12.5	1-Methylnaphthalene
~14.5	Acenaphthylene
~14.5	Acenaphthene-d10,I
~15.5	Fluorene
~17.5	Phenanthrene
~17.5	Acenaphthene-d10,I
~19.5	Fluoranthene-d10,SURR
~19.5	Fluoranthene,C
~19.5	Pyrene
~21.5	Chrysene-d12
~21.5	Benzo(a)anthracene
~23.5	Benzo(k)fluoranthene
~23.5	Benzo(b)fluoranthene
~23.5	Perylene-d12,I
~23.5	Benzo(a)pyrene,C
~25.5	Dibenz(a,h,i)pyrene
~25.5	Benzo(g,h,i)perylene



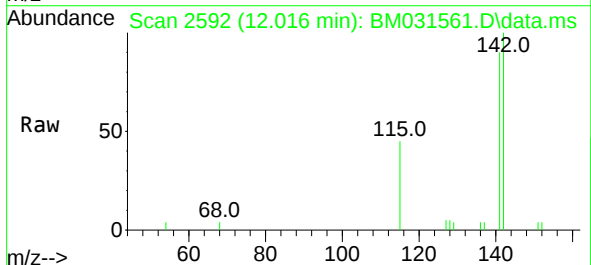
#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031561.D
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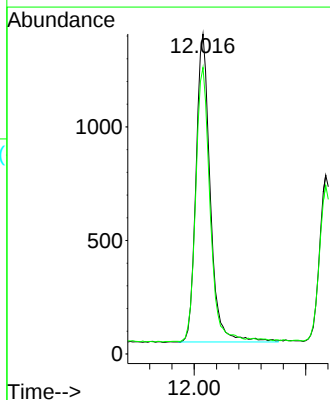
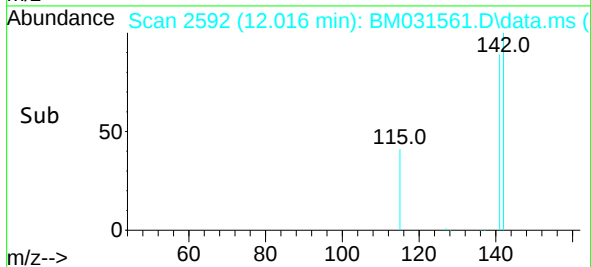
Tgt Ion:	128	Resp:	4732
Ion Ratio	Lower	Upper	
128	100		
129	11.8	10.0	15.0
127	14.1	11.6	17.4



#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



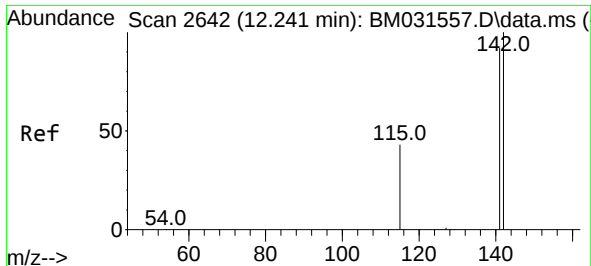
Tgt Ion:	142	Resp:	2399
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.4	107.0



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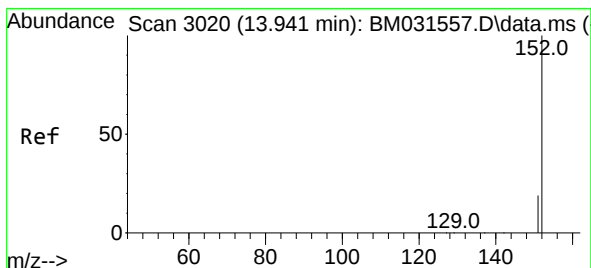
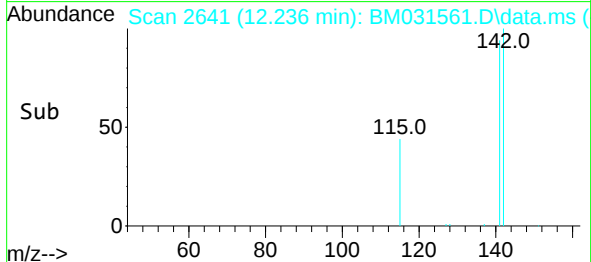
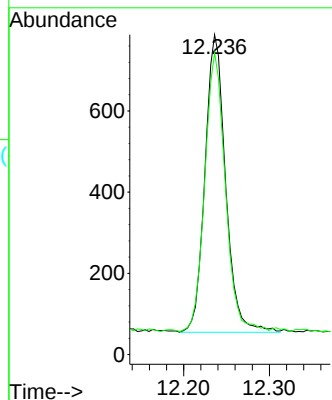
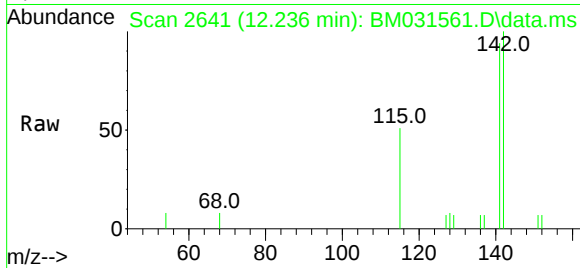
#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

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

Instrument :
BNA_M
ClientSampleId :
C0092DL

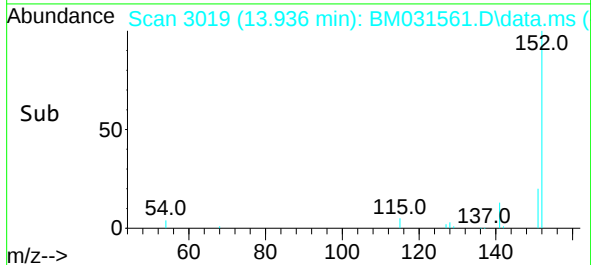
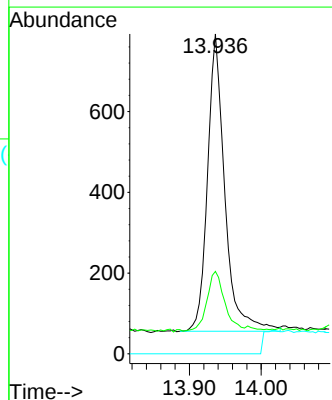
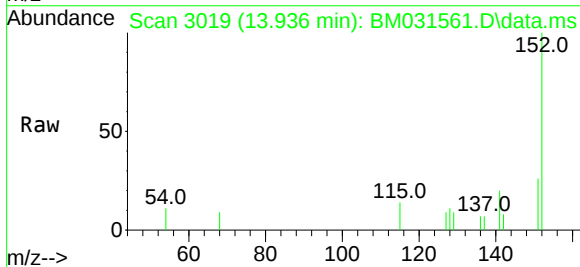
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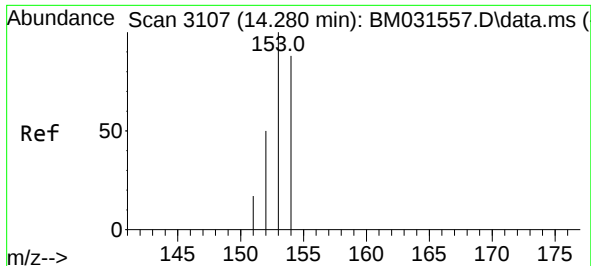
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#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

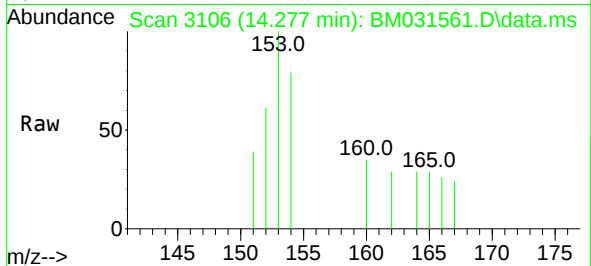
Tgt Ion:152 Resp: 1201
Ion Ratio Lower Upper
152 100
151 25.8 16.9 25.3#
153 0.0 0.0 0.0





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

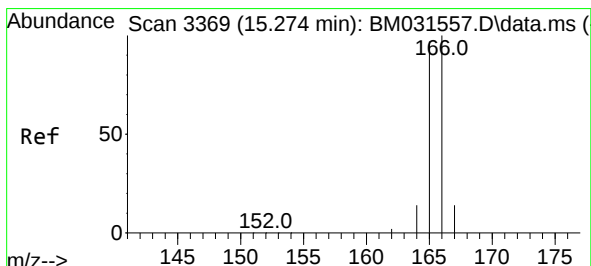
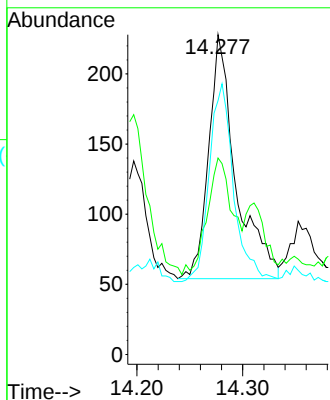
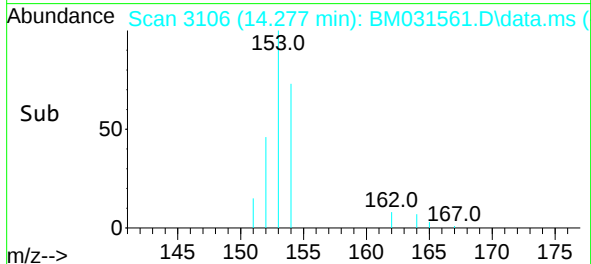
Instrument :
BNA_M
ClientSampleID :
C0092DL



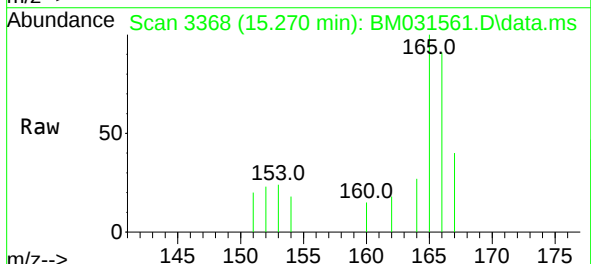
Tgt Ion:153 Resp: 312
Ion Ratio Lower Upper
153 100
152 61.4 40.7 61.1#
154 79.4 70.2 105.2

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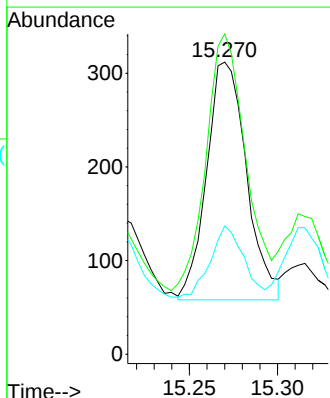
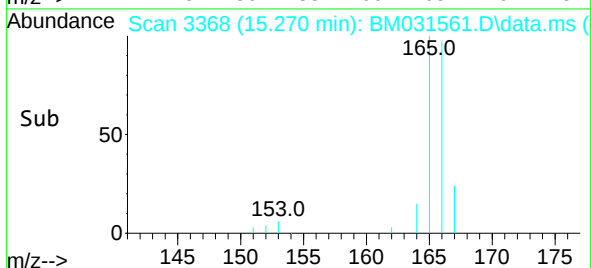
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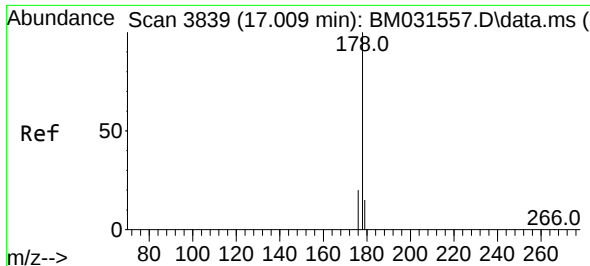


#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35



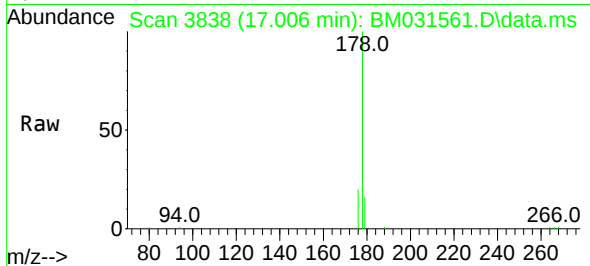
Tgt Ion:166 Resp: 400
Ion Ratio Lower Upper
166 100
165 109.6 78.0 117.0
167 43.9 12.0 18.0#





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

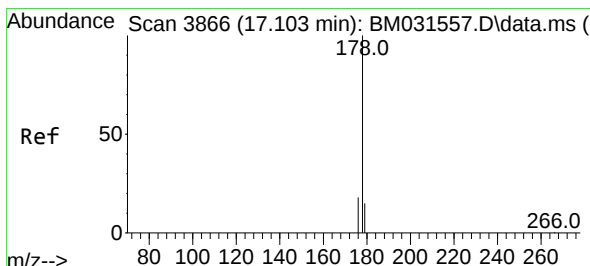
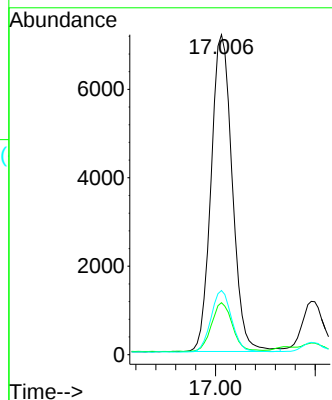
Instrument :
BNA_M
ClientSampleId :
C0092DL



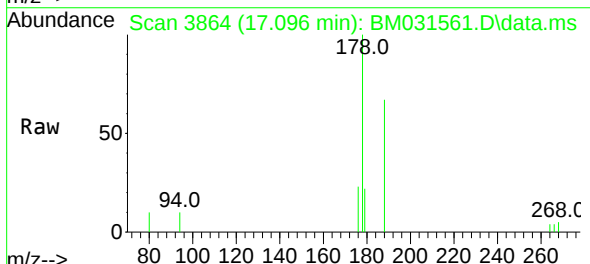
Tgt Ion:178 Resp: 10571
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 20.1 16.2 24.4

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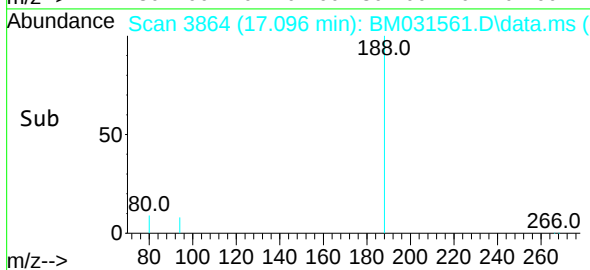
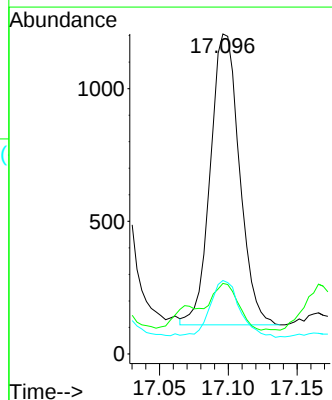
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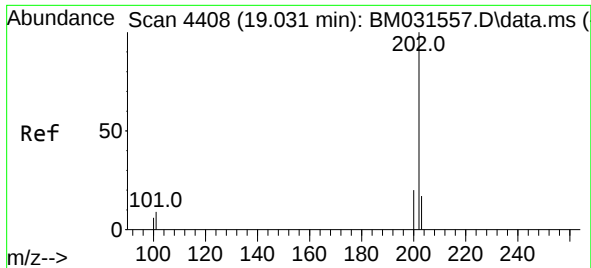


#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031561.D
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Tgt Ion:178 Resp: 1613
Ion Ratio Lower Upper
178 100
179 22.1 13.0 19.6#
176 23.0 15.6 23.4





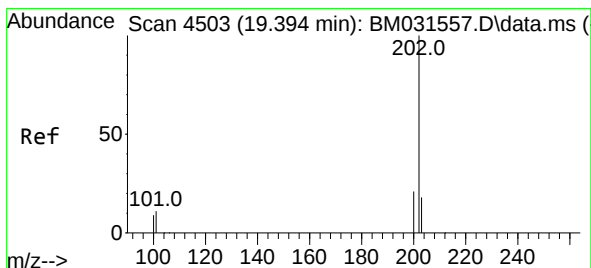
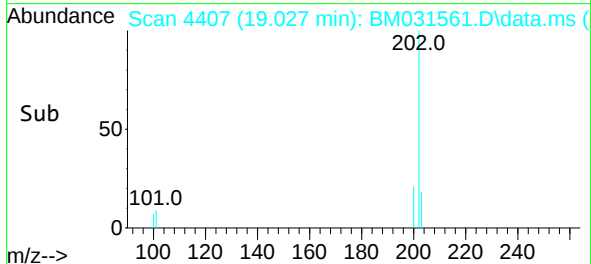
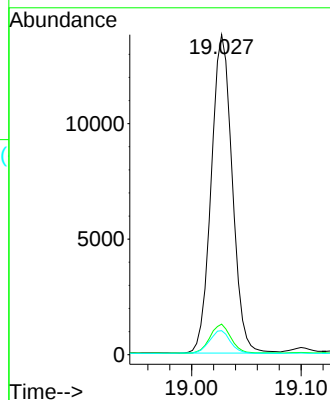
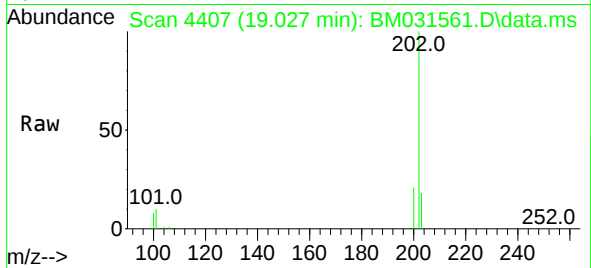
#19
Fluoranthene
Concen: 1.016 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

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

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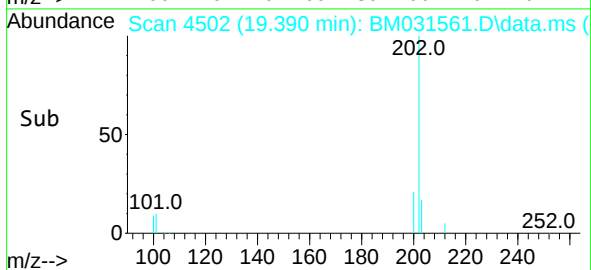
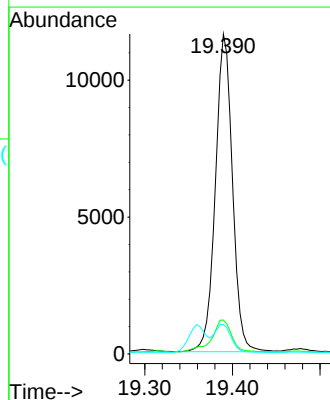
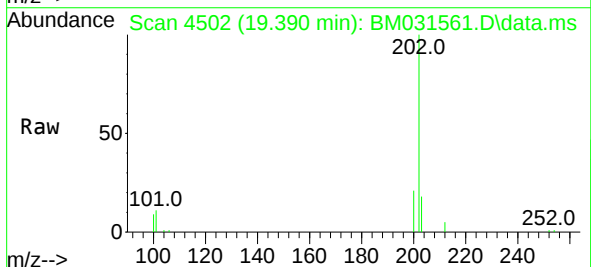
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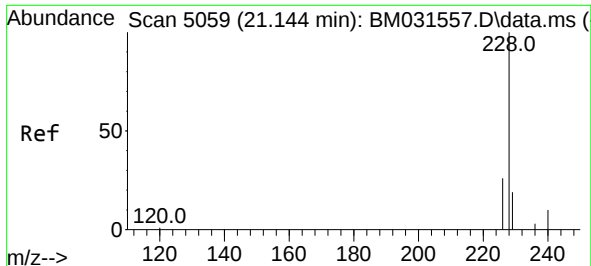
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#20
Pyrene
Concen: 0.859 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.008 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

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





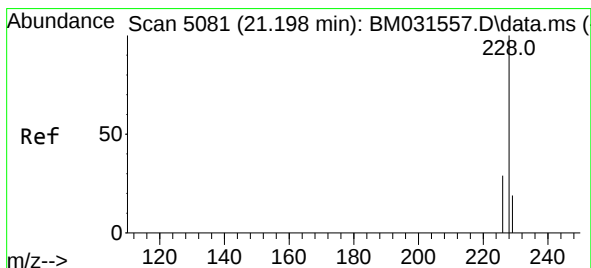
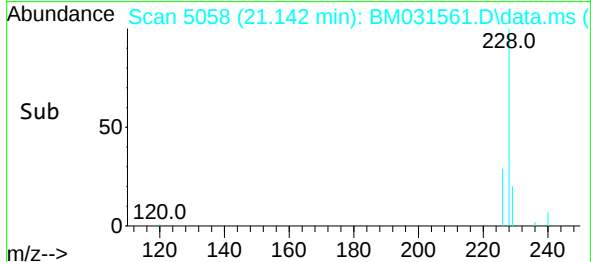
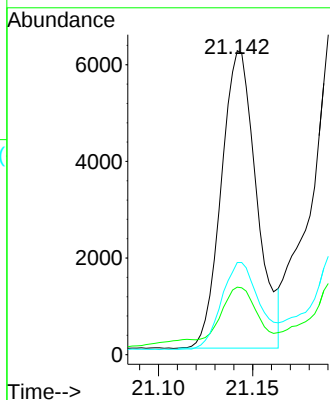
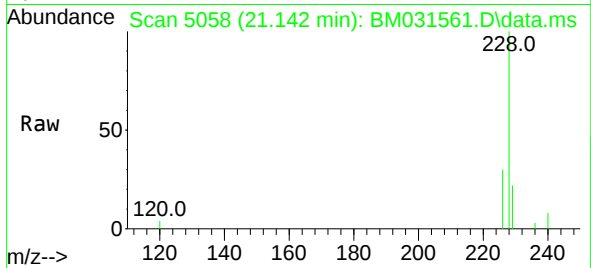
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Benzo(a)anthracene
Concen: 0.469 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031561.D
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Tgt Ion:228 Resp: 8012
Ion Ratio Lower Upper
228 100
229 22.2 15.6 23.4
226 30.3 21.7 32.5

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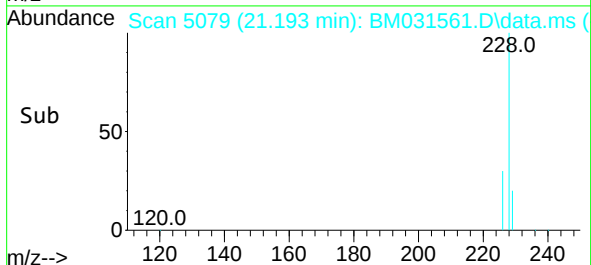
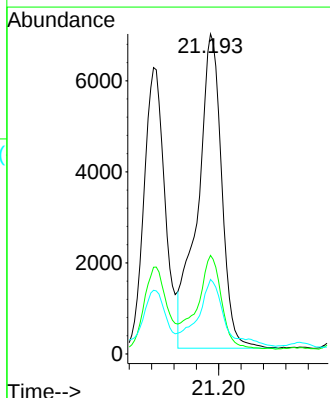
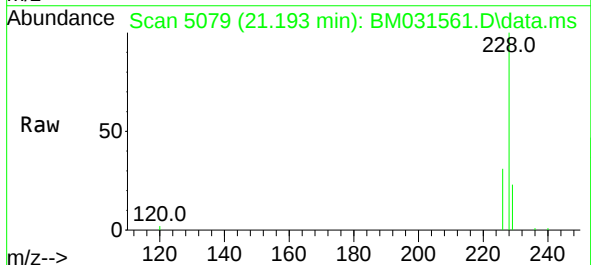
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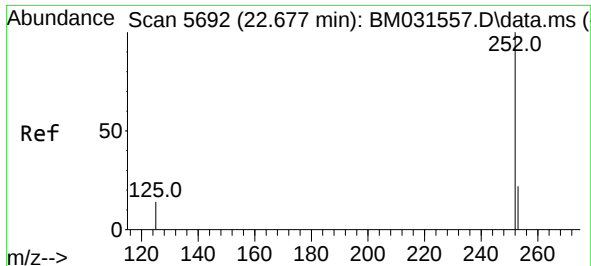
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#22
Chrysene
Concen: 0.585 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031561.D
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Tgt Ion:228 Resp: 10334
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 23.3 16.2 24.2





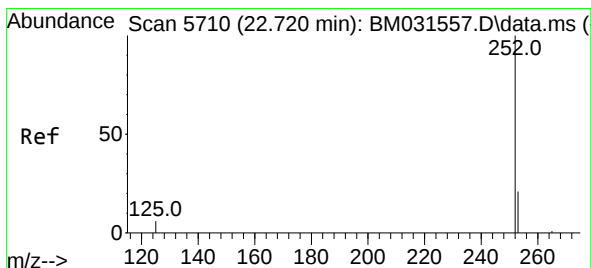
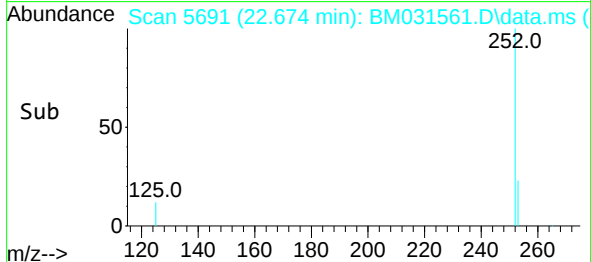
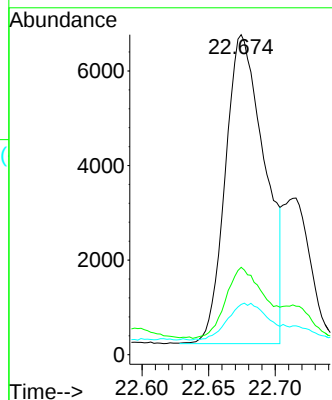
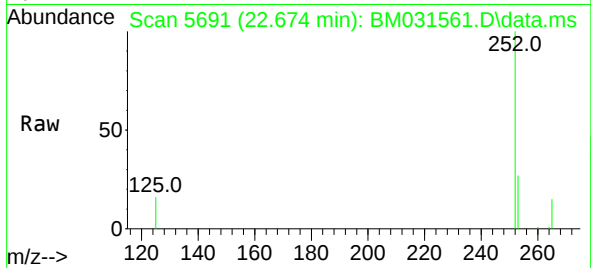
#24
Benzo(b)fluoranthene
Concen: 0.712 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

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

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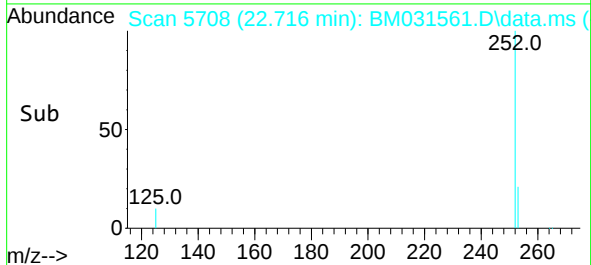
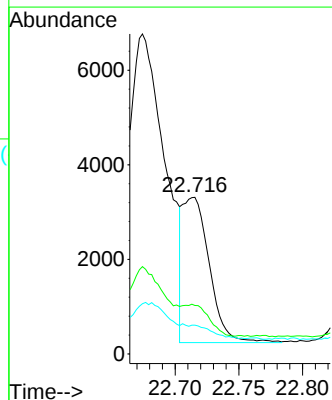
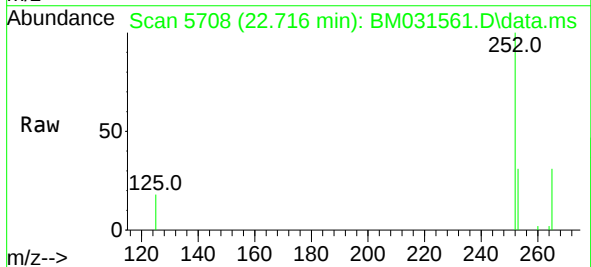
Manual Integrations
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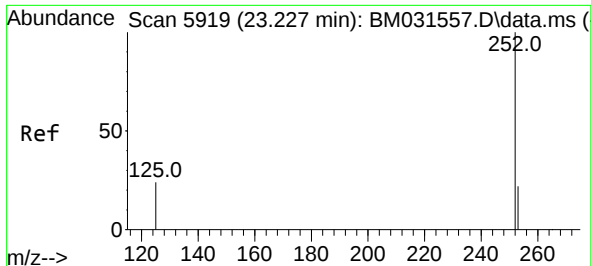
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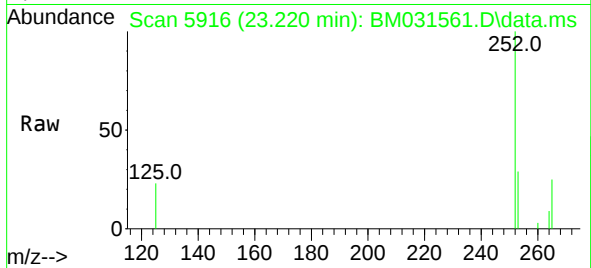
#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35

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

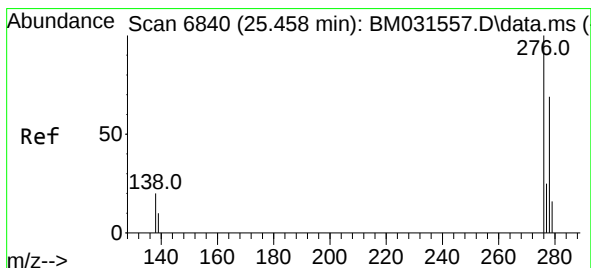
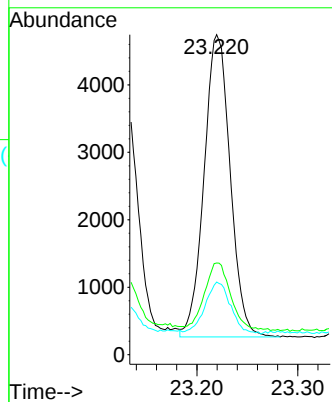
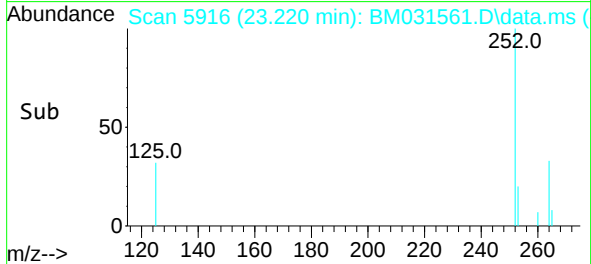




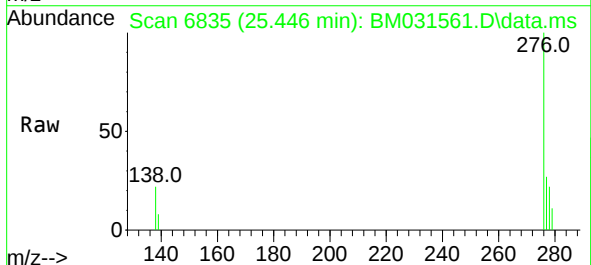
#26
Benzo(a)pyrene
Concen: 0.489 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35



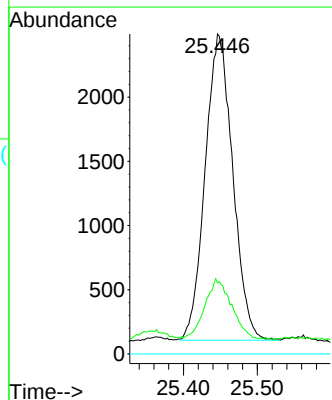
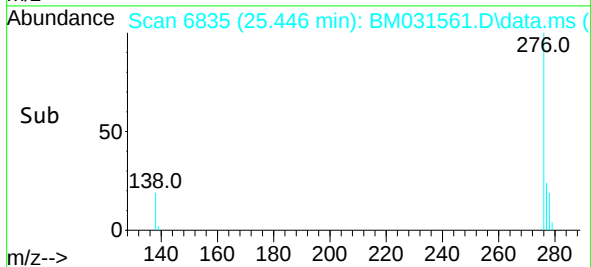
Tgt Ion:252 Resp: 8067
Ion Ratio Lower Upper
252 100
253 28.6 22.4 33.6
125 22.7 13.0 19.4#



#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



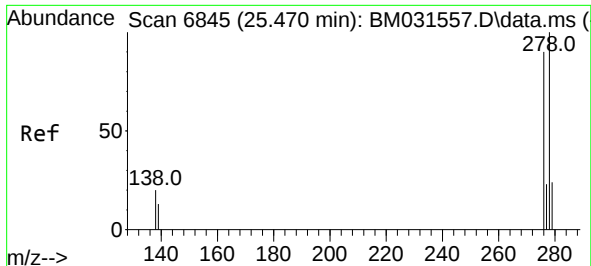
Tgt Ion:276 Resp: 6184
Ion Ratio Lower Upper
276 100
138 20.1 15.8 23.8
227 0.0 0.0 0.0



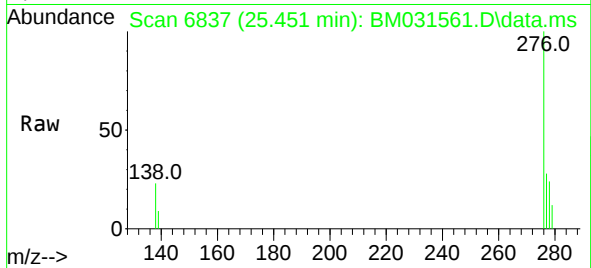
Instrument :
BNA_M
ClientSampleId :
C0092DL

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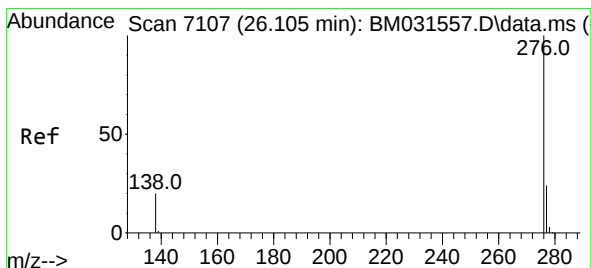
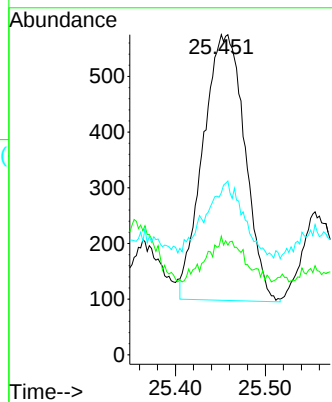
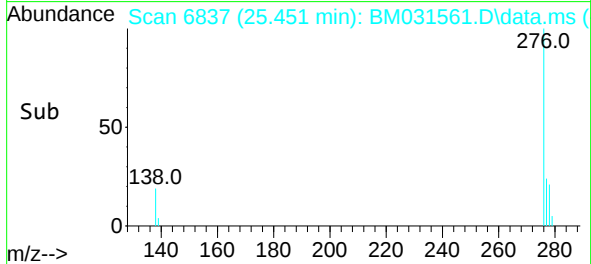
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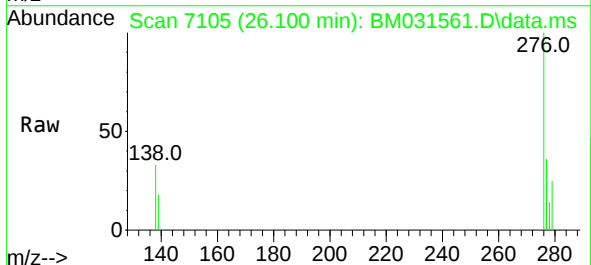
#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.024 min
Lab File: BM031561.D
Acq: 07 Aug 2021 21:35



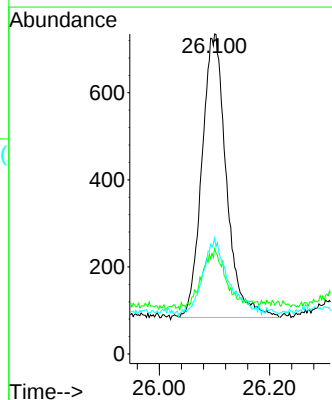
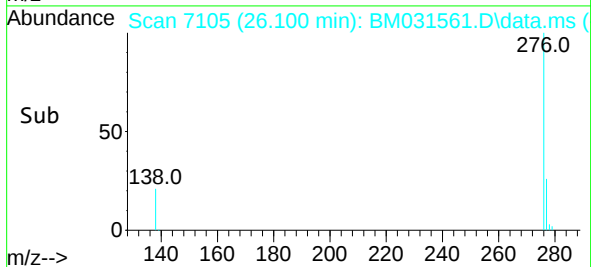
Tgt Ion: 278 Resp: 1542
Ion Ratio Lower Upper
278 100
139 37.0 13.3 19.9#
279 50.6 22.8 34.2#



#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#



Instrument :
BNA_M
ClientSampleID :
C0092DL

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