

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038301.D
 Acq On : 25 Dec 2022 10:04
 Operator : CG/JU
 Sample : N6018-17DL 5X
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:55:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

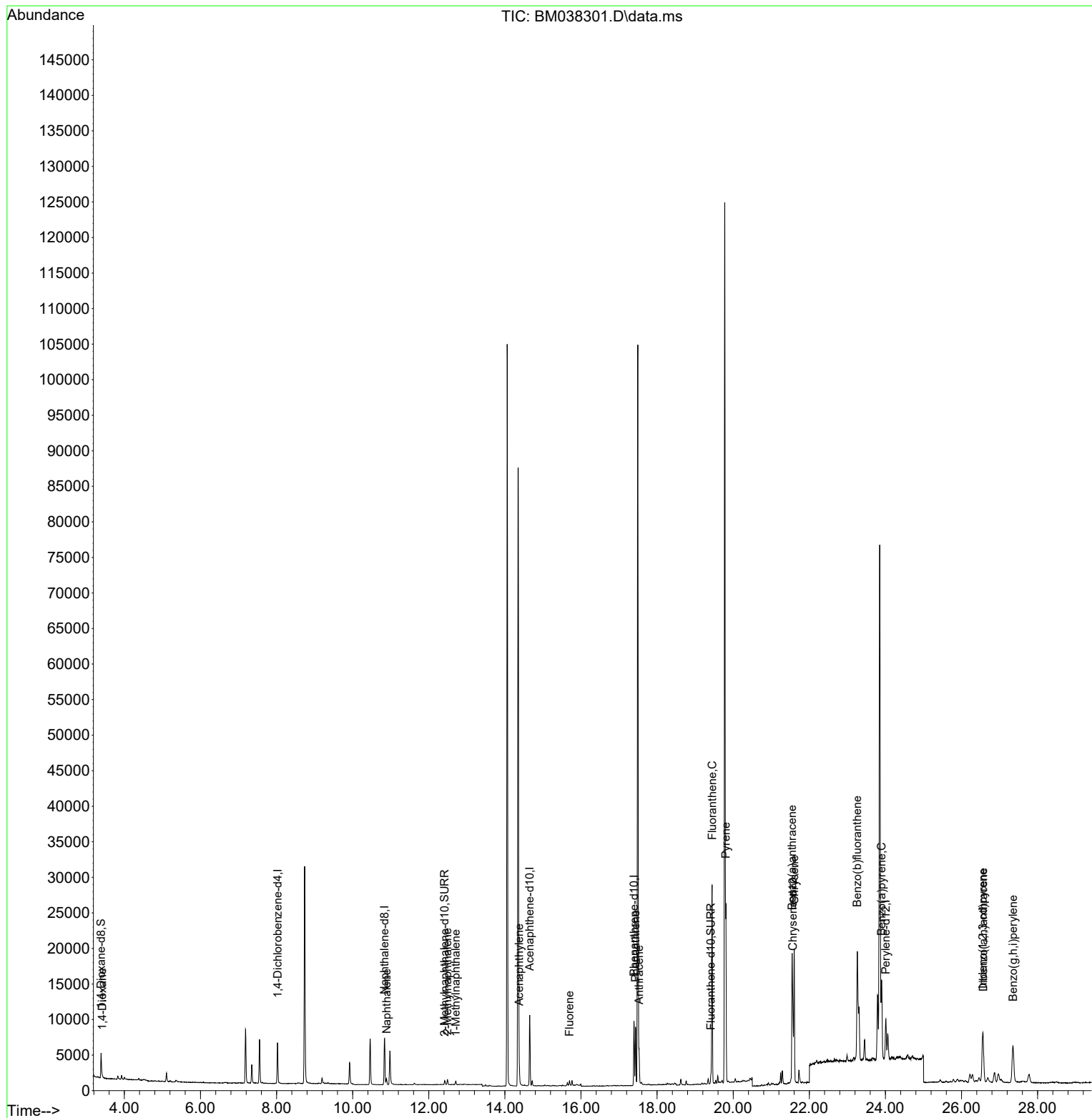
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	8794	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10486	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7372	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2252	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	690	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	1376	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.419	88	59	0.020	ng/ul#	36
5) Naphthalene	10.889	128	1125	0.044	ng/ul#	83
7) 2-Methylnaphthalene	12.489	142	526	0.033	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	343	0.021	ng/ul	97
10) Acenaphthylene	14.375	152	2913	0.102	ng/ul#	92
12) Fluorene	15.698	166	446	0.020	ng/ul#	85
15) Phenanthrene	17.434	178	8479	0.242	ng/ul	99
16) Anthracene	17.527	178	4437	0.132	ng/ul	96
19) Fluoranthene	19.445	202	23924	0.592	ng/ul	97
20) Pyrene	19.808	202	21163	0.519	ng/ul	96
21) Benzo(a)anthracene	21.547	228	14590	0.451	ng/ul	96
22) Chrysene	21.603	228	19060	0.606	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	27097	0.819	ng/ul	96
26) Benzo(a)pyrene	23.901	252	16435	0.569	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.558	276	12363	0.309	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.569	278	3254	0.105	ng/ul#	64
29) Benzo(g,h,i)perylene	27.353	276	11977	0.355	ng/ul	98

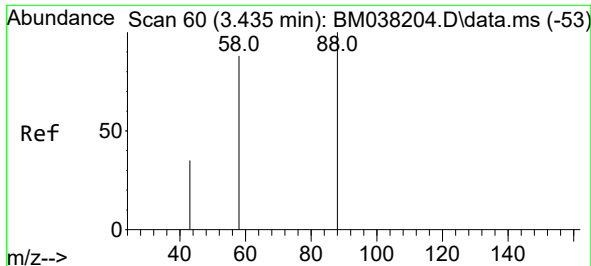
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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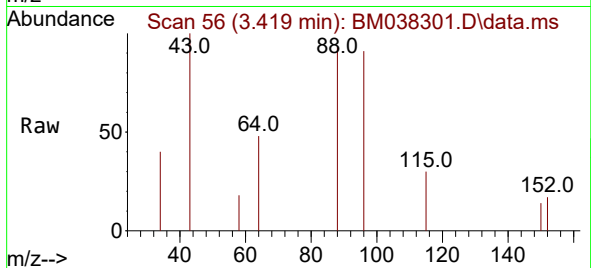
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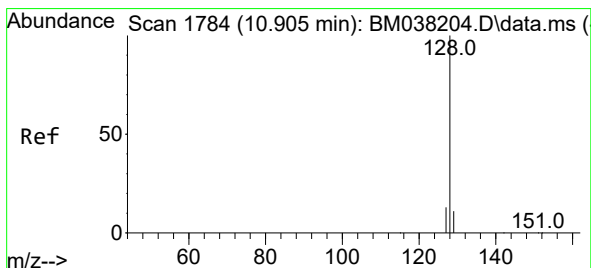
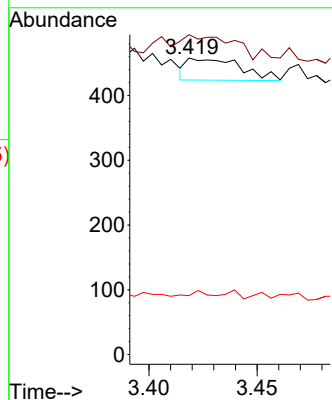
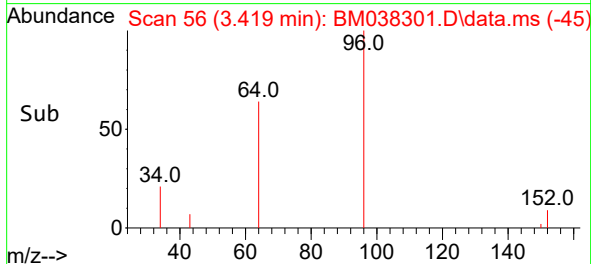


#2
1,4-Dioxane
Concen: 0.020 ng/ul
RT: 3.419 min Scan# 50
Delta R.T. -0.013 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

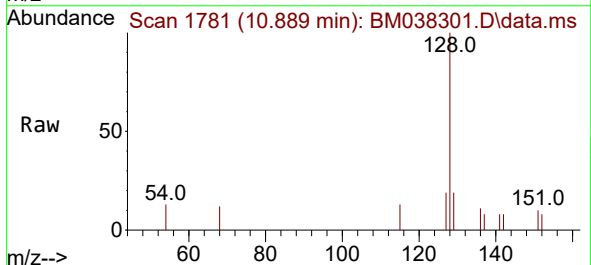
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BNA_M
ClientSampleId :



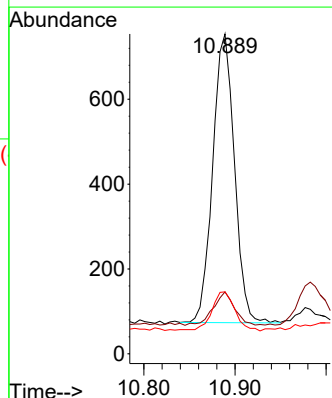
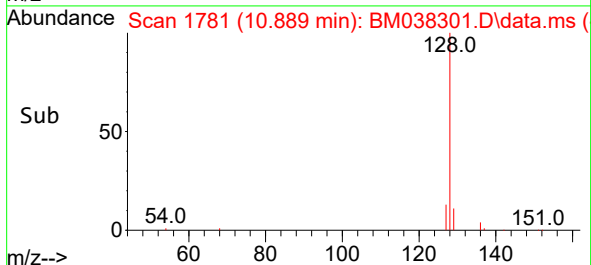
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 107.9 46.4 69.6#
58 19.9 56.9 85.3#

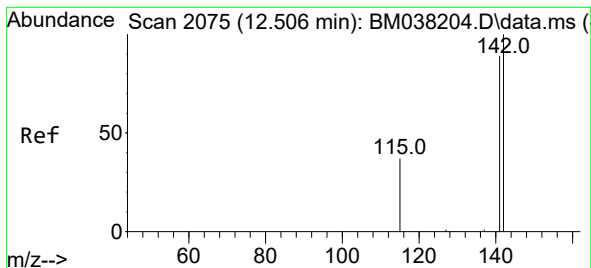


#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04



Tgt Ion: 128 Resp: 1125
Ion Ratio Lower Upper
128 100
129 19.4 9.4 14.0#
127 19.4 10.7 16.1#

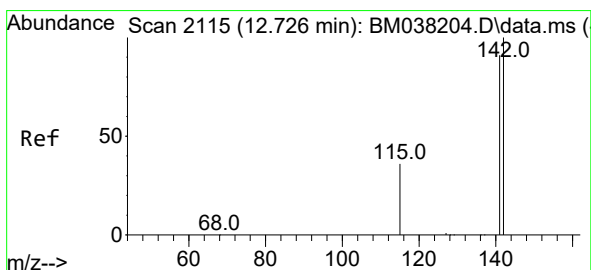
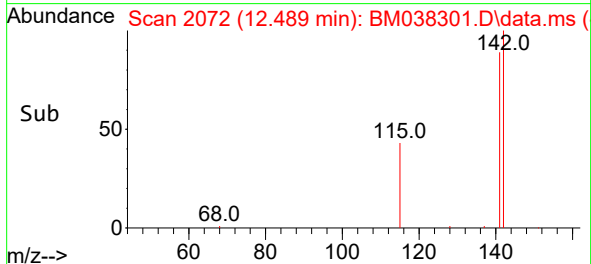
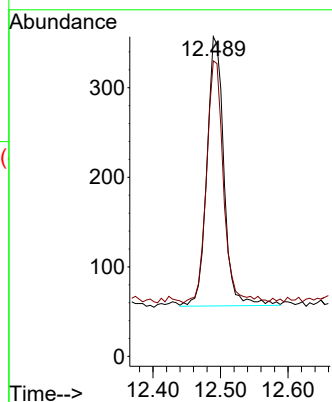
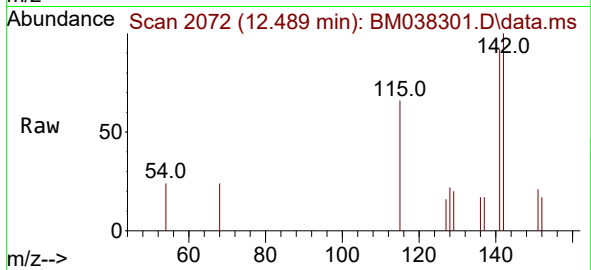




#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.489 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

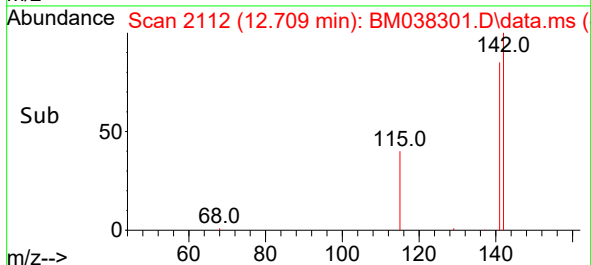
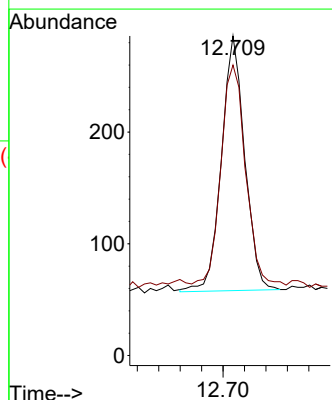
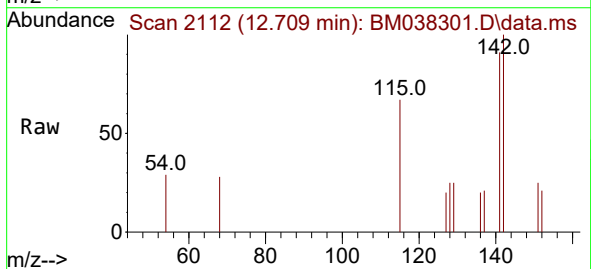
Instrument :
BNA_M
ClientSampleId :

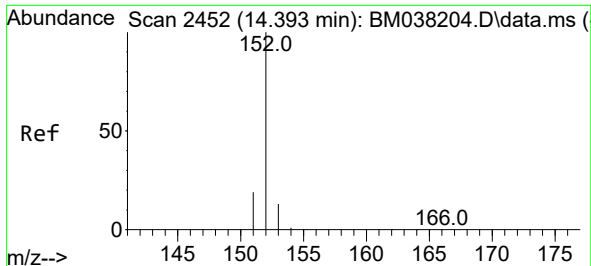
Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

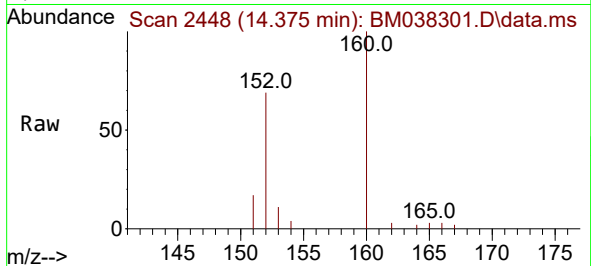
Tgt Ion:142 Resp: 343
Ion Ratio Lower Upper
142 100
141 91.0 74.7 112.1



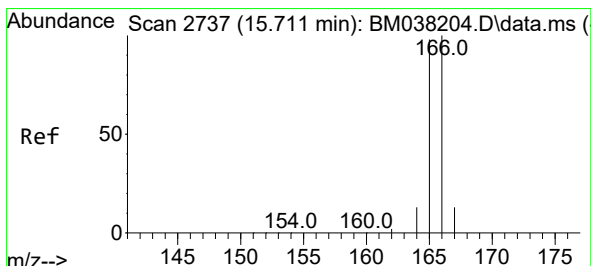
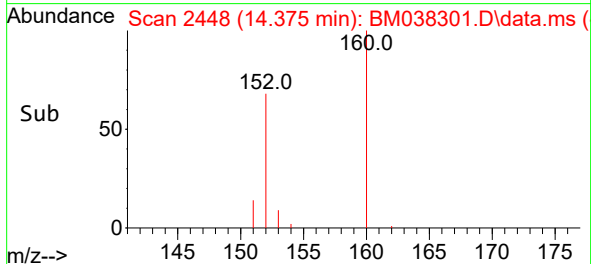
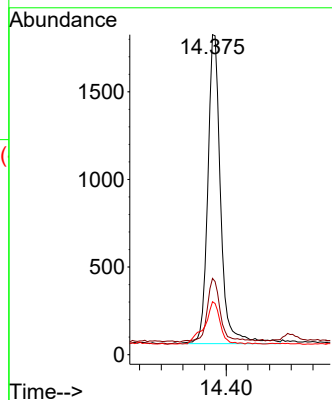


#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.375 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Instrument :
BNA_M
ClientSampleId :

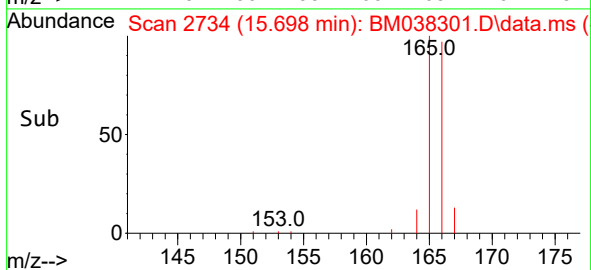
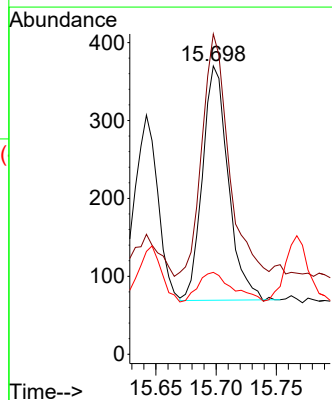
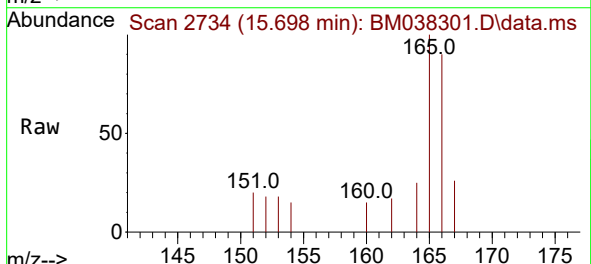


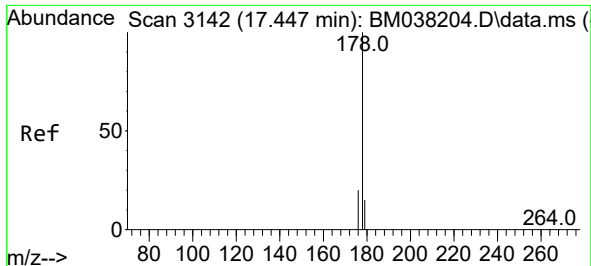
Tgt Ion:152 Resp: 2913
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 16.5 10.7 16.1#



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Tgt Ion:166 Resp: 446
Ion Ratio Lower Upper
166 100
165 111.1 79.0 118.6
167 28.4 11.0 16.6#

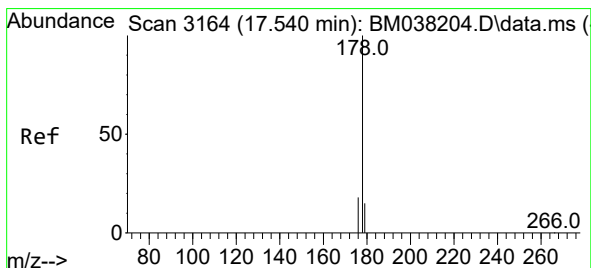
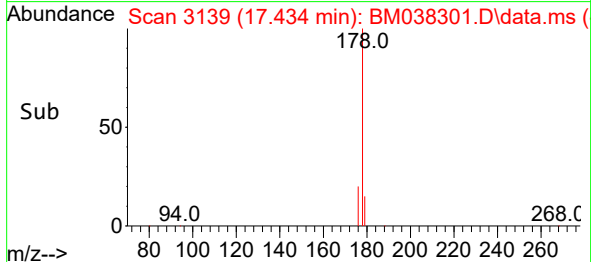
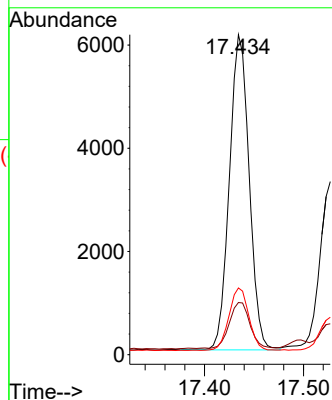
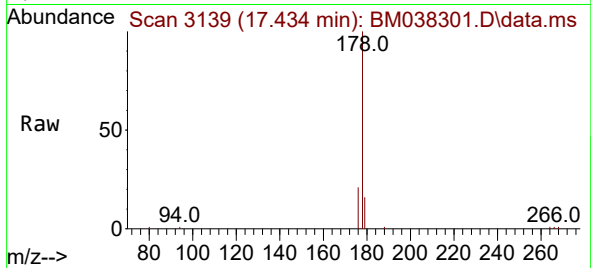




#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

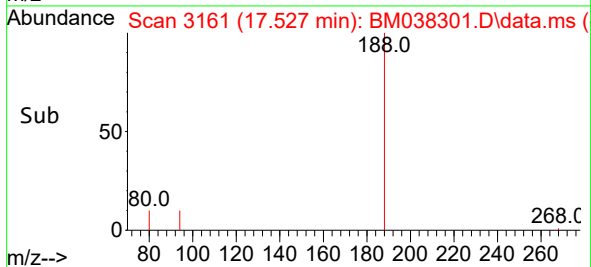
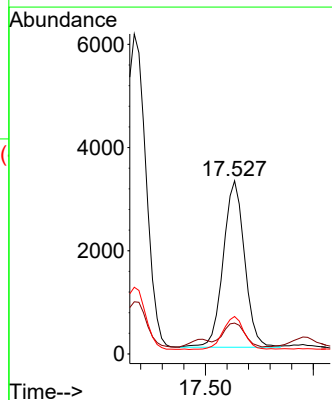
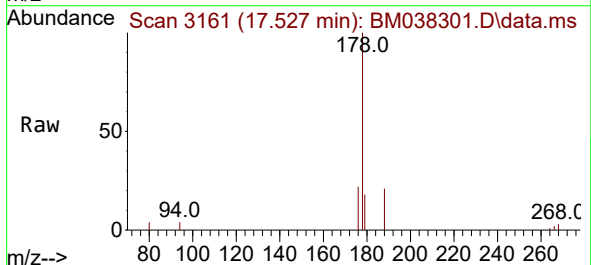
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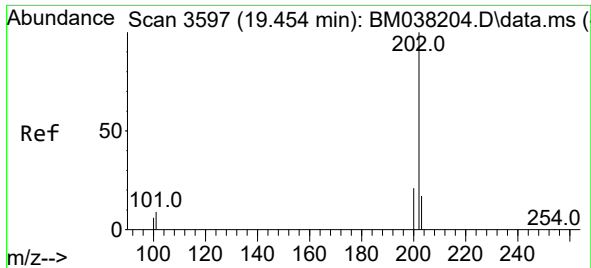
Tgt Ion:178 Resp: 8479
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.9 16.2 24.4



#16
Anthracene
Concen: 0.132 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Tgt Ion:178 Resp: 4437
Ion Ratio Lower Upper
178 100
179 17.9 13.0 19.6
176 21.6 15.6 23.4

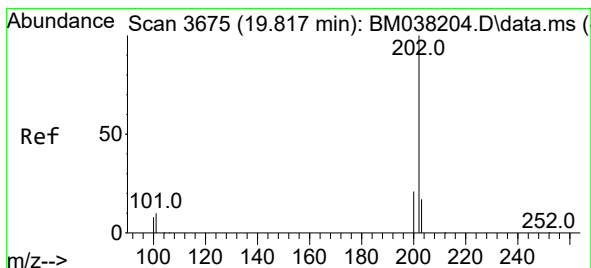
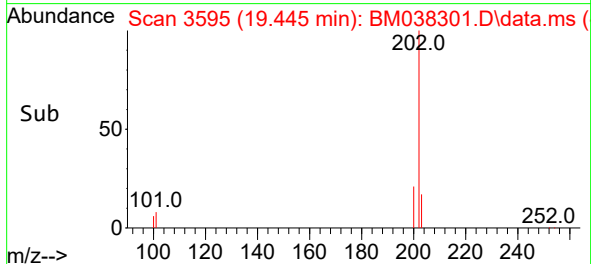
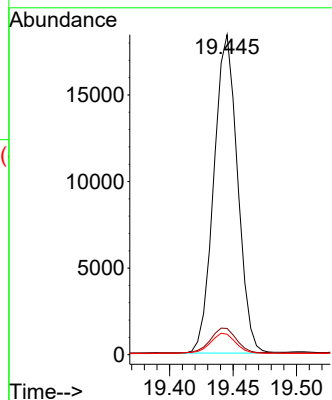
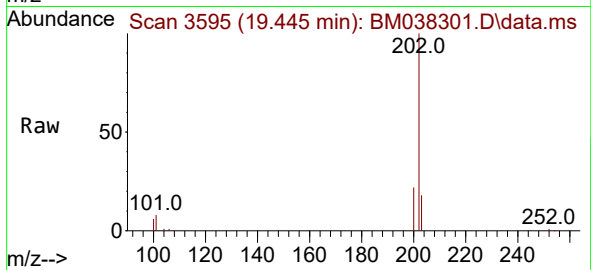




#19
Fluoranthene
Concen: 0.592 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

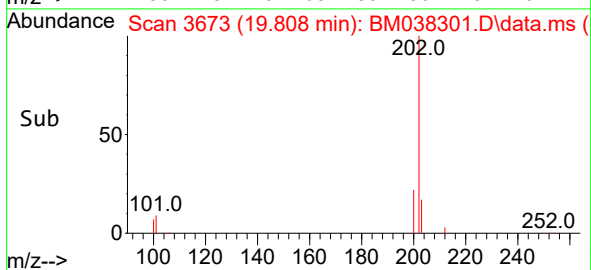
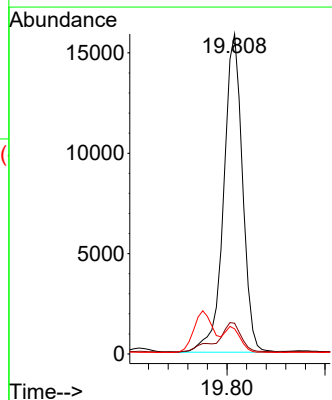
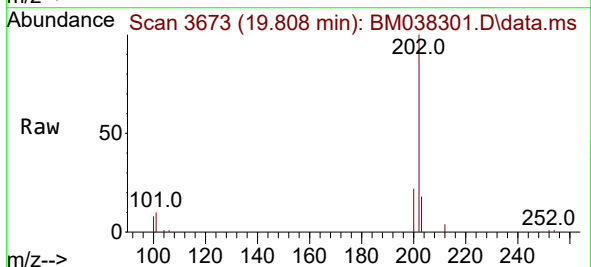
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ClientSampleId :

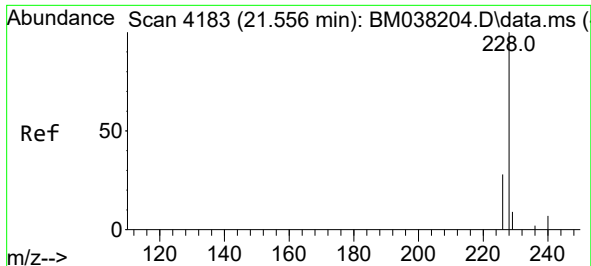
Tgt Ion:202 Resp: 23924
Ion Ratio Lower Upper
202 100
101 8.2 7.5 11.3
100 6.4 5.6 8.4



#20
Pyrene
Concen: 0.519 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

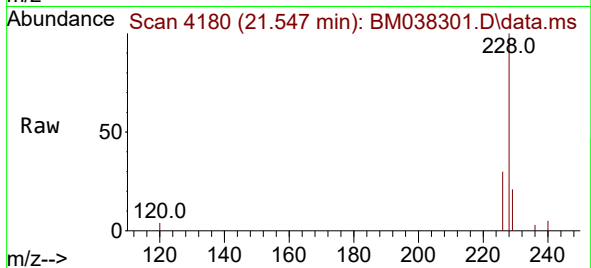
Tgt Ion:202 Resp: 21163
Ion Ratio Lower Upper
202 100
101 9.6 8.9 13.3
100 7.8 7.4 11.0



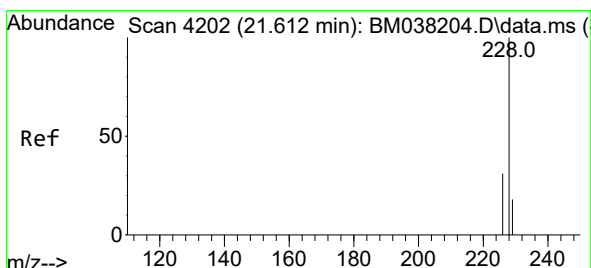
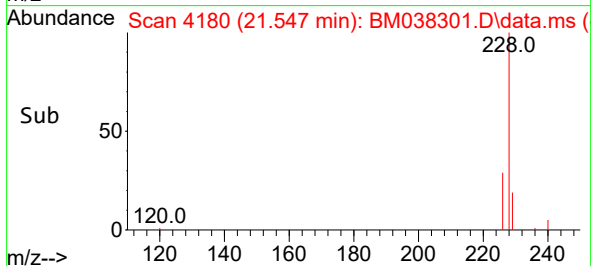
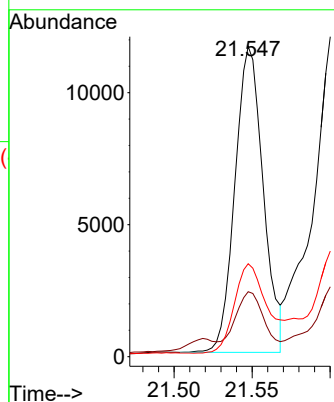


#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Instrument :
BNA_M
ClientSampleId :

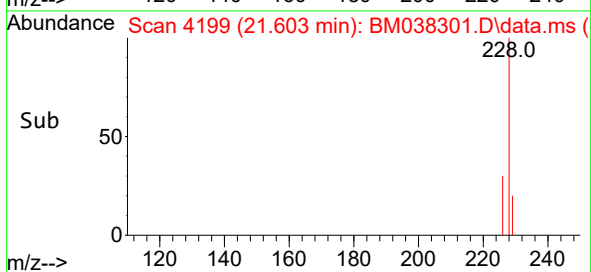
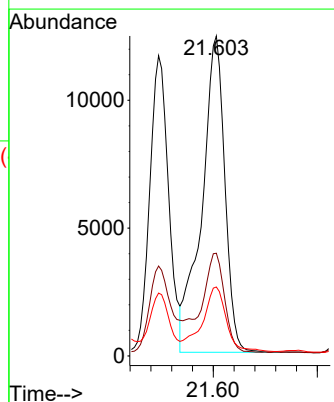
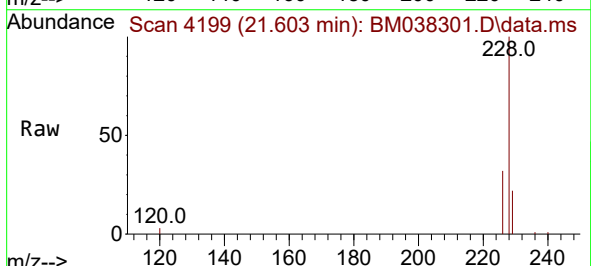


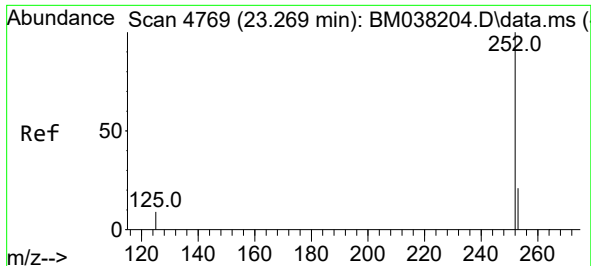
Tgt Ion:228 Resp: 14590
Ion Ratio Lower Upper
228 100
229 20.9 15.5 23.3
226 30.0 22.2 33.2



#22
Chrysene
Concen: 0.606 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

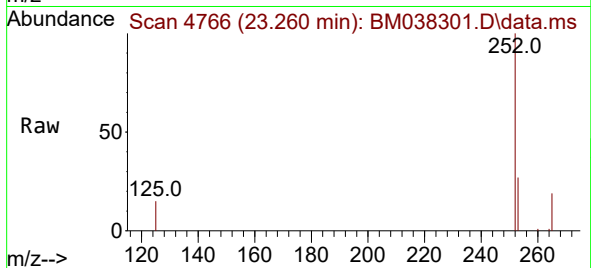
Tgt Ion:228 Resp: 19060
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.4
229 21.6 16.0 24.0



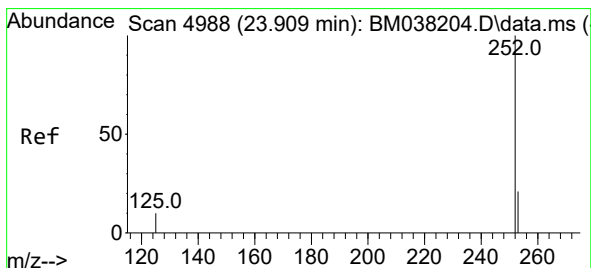
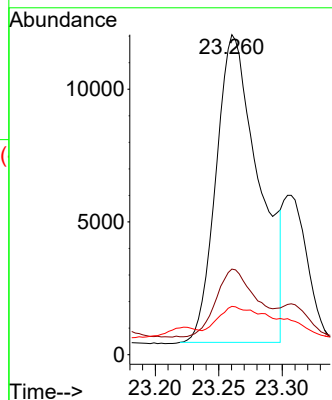


#24
Benzo(b)fluoranthene
Concen: 0.819 ng/ul
RT: 23.260 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Instrument :
BNA_M
ClientSampleId :

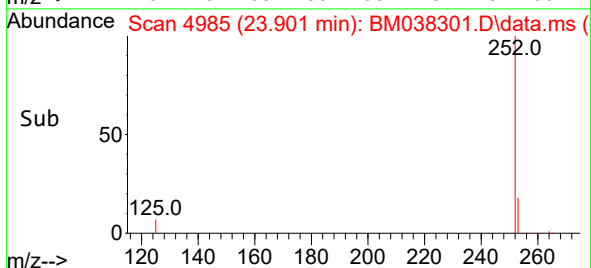
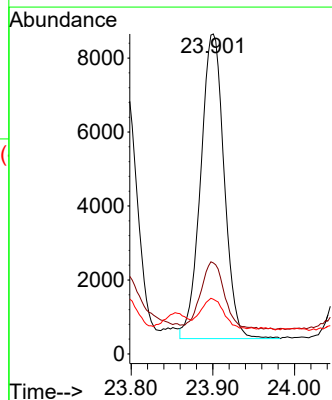
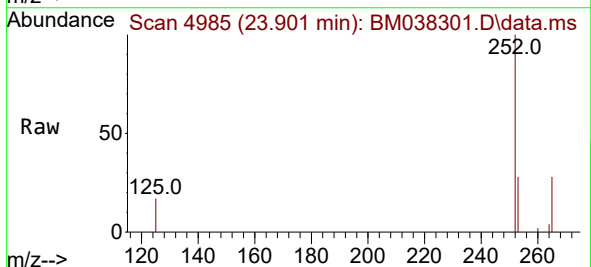


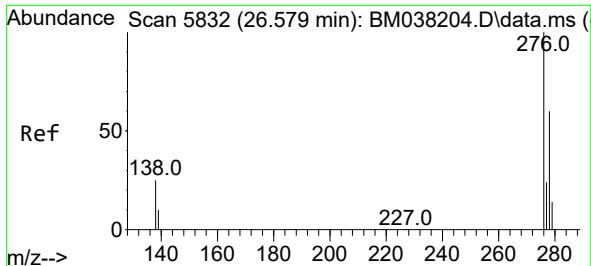
Tgt Ion:252 Resp: 27097
Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.0
125 15.1 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.569 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

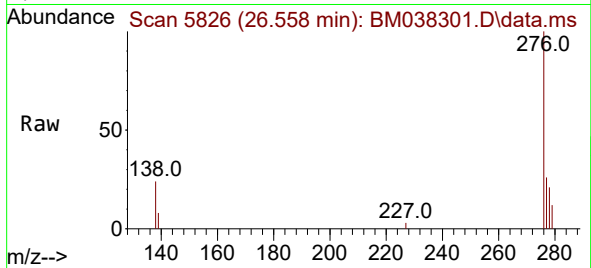
Tgt Ion:252 Resp: 16435
Ion Ratio Lower Upper
252 100
253 28.4 24.2 36.4
125 17.1 17.3 25.9#



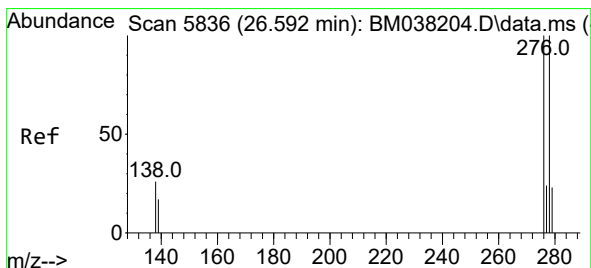
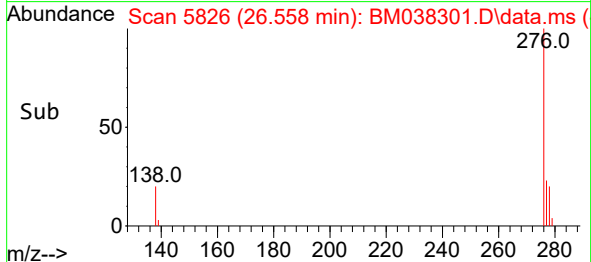
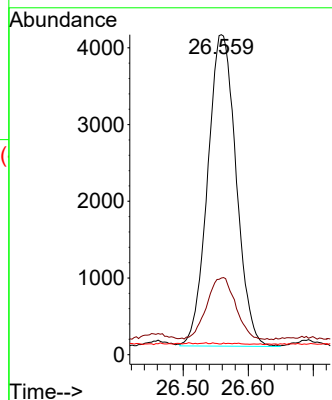


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.309 ng/ul
 RT: 26.558 min Scan# 5826
 Delta R.T. -0.010 min
 Lab File: BM038301.D
 Acq: 25 Dec 2022 10:04

Instrument :
 BNA_M
 ClientSampleId :

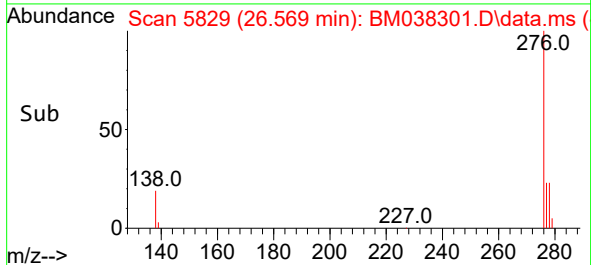
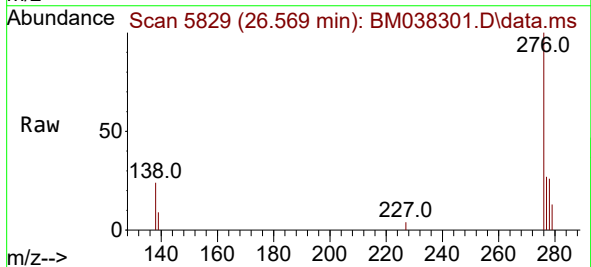
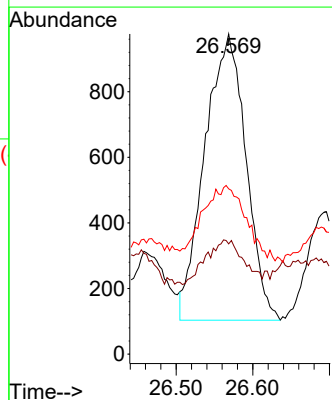


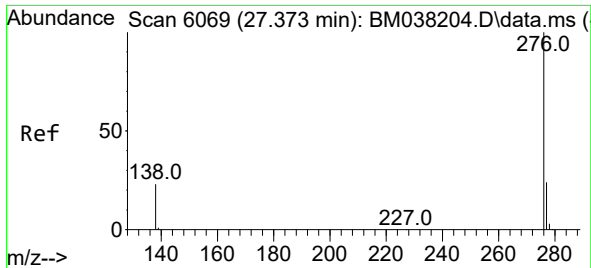
Tgt Ion:276 Resp: 12363
 Ion Ratio Lower Upper
 276 100
 138 20.4 21.7 32.5#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.105 ng/ul
 RT: 26.569 min Scan# 5829
 Delta R.T. -0.020 min
 Lab File: BM038301.D
 Acq: 25 Dec 2022 10:04

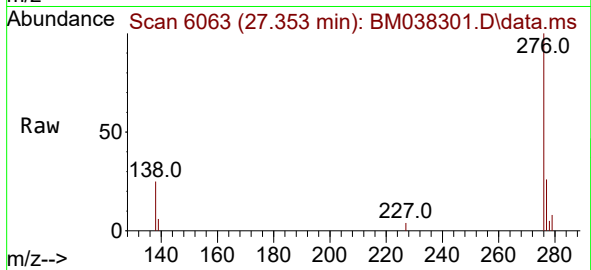
Tgt Ion:278 Resp: 3254
 Ion Ratio Lower Upper
 278 100
 139 34.4 16.8 25.2#
 279 51.6 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.355 ng/ul
 RT: 27.353 min Scan# 6063
 Delta R.T. -0.007 min
 Lab File: BM038301.D
 Acq: 25 Dec 2022 10:04

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 11977
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.8 31.2
 277 25.9 20.5 30.7

