

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038073.D
 Acq On : 16 Dec 2022 18:52
 Operator : CG/JU
 Sample : N5925-03RE
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXQ9

Quant Time: Dec 16 23:21:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

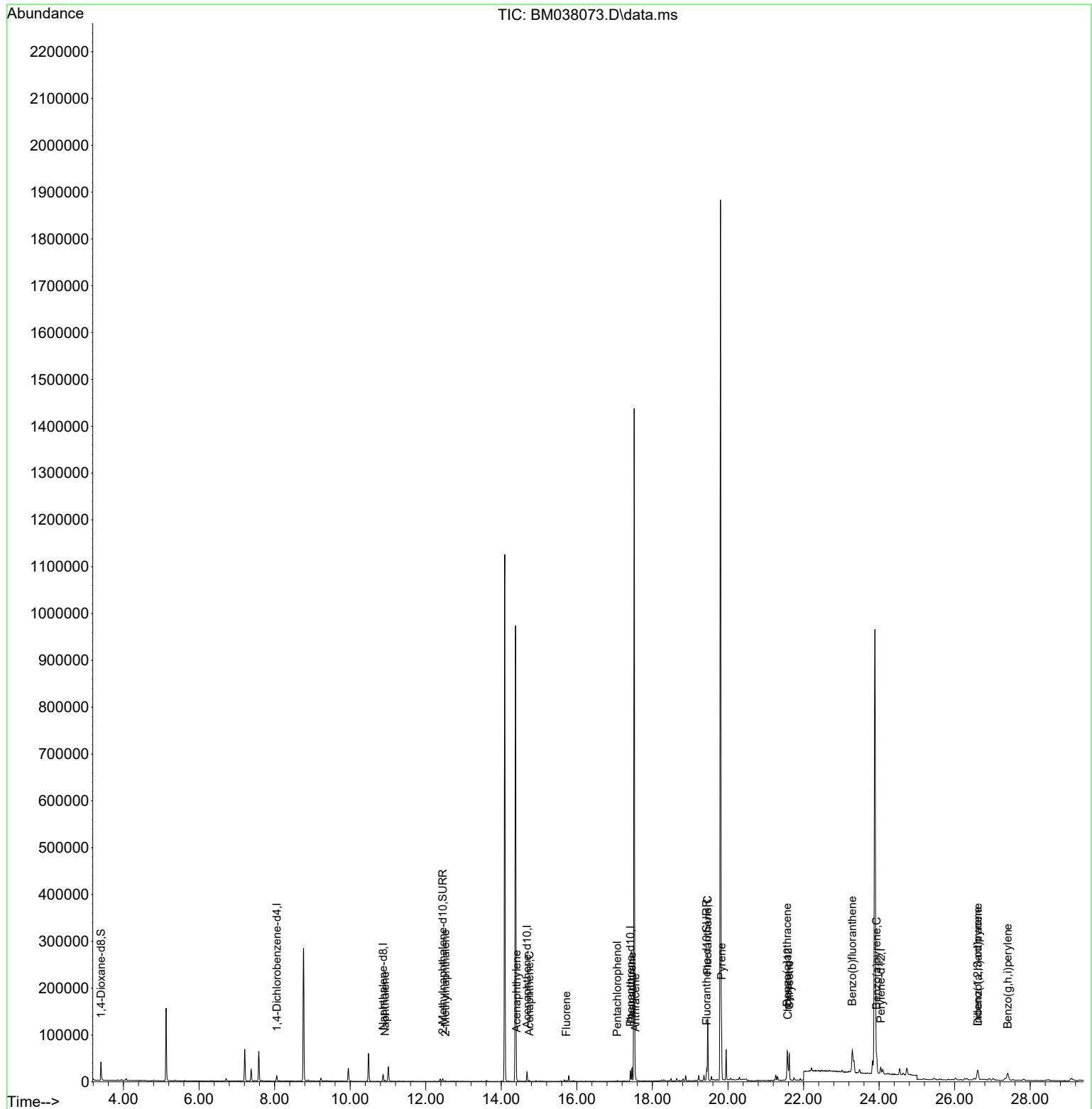
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	6059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	18780	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23686	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	21277	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	20123	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	25945	3.133	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	7408	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	21287	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1761	0.031	ng/ul#	86
7) 2-Methylnaphthalene	12.522	142	856	0.024	ng/ul	100
10) Acenaphthylene	14.407	152	2465	0.044	ng/ul#	88
11) Acenaphthene	14.745	153	1128	0.026	ng/ul	92
12) Fluorene	15.725	166	973	0.021	ng/ul#	90
14) Pentachlorophenol	17.071	266	1018	0.104	ng/ul	99
15) Phenanthrene	17.459	178	28070	0.352	ng/ul	99
16) Anthracene	17.552	178	6767	0.092	ng/ul#	93
19) Fluoranthene	19.464	202	107245	0.976	ng/ul	99
20) Pyrene	19.831	202	92936	0.828	ng/ul	95
21) Benzo(a)anthracene	21.568	228	51620	0.562	ng/ul	98
22) Chrysene	21.623	228	58822	0.634	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	84359	0.884	ng/ul#	73
26) Benzo(a)pyrene	23.936	252	50768	0.632	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.609	276	37231	0.369	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.615	278	9071	0.115	ng/ul#	35
29) Benzo(g,h,i)perylene	27.404	276	33488	0.391	ng/ul	95

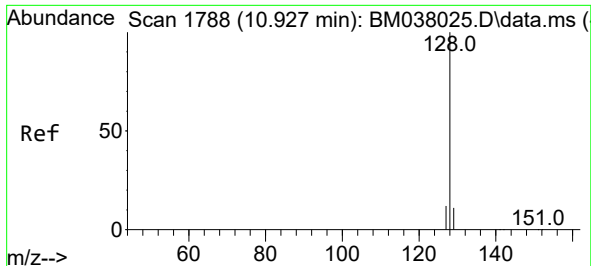
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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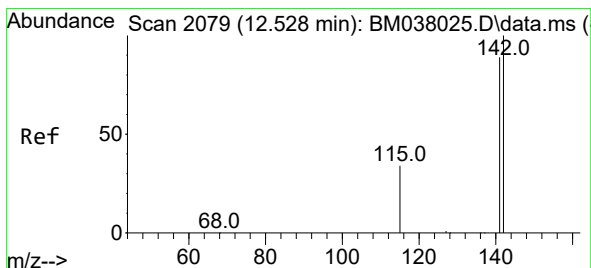
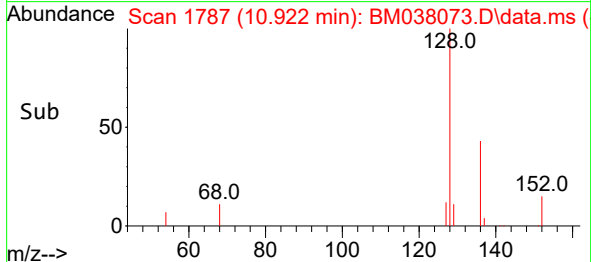
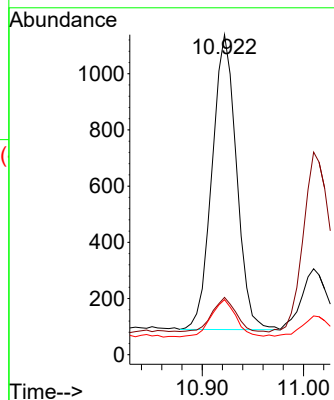
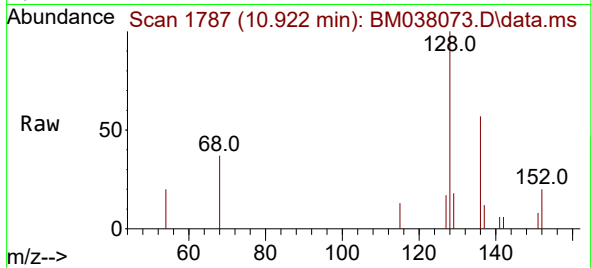




#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

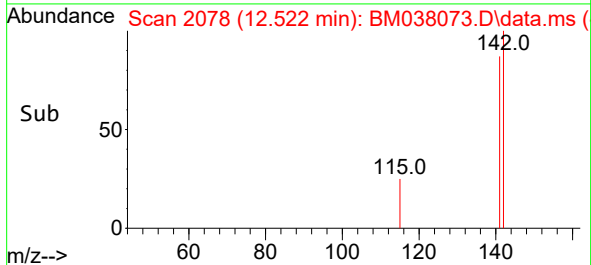
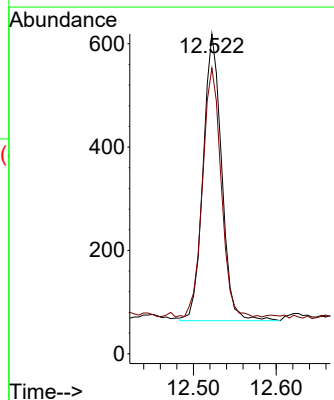
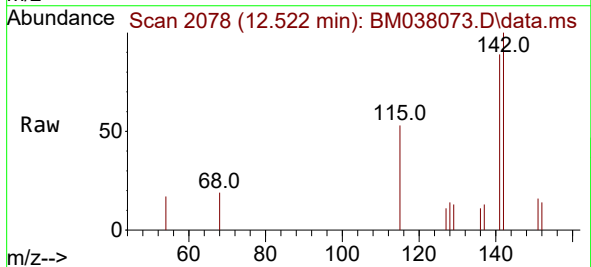
Instrument :
BNA_M
ClientSampleId :
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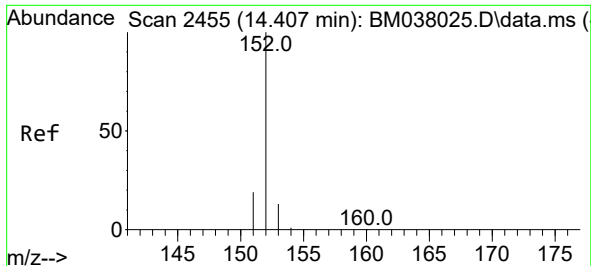
Tgt Ion:128 Resp: 1761
Ion Ratio Lower Upper
128 100
129 17.9 9.1 13.7#
127 17.2 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6

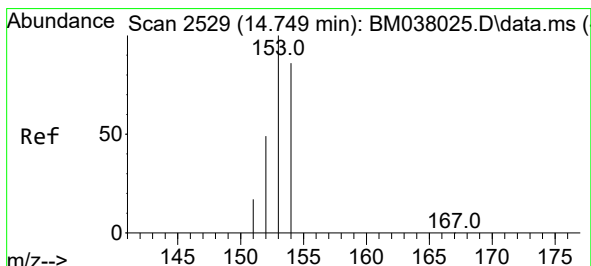
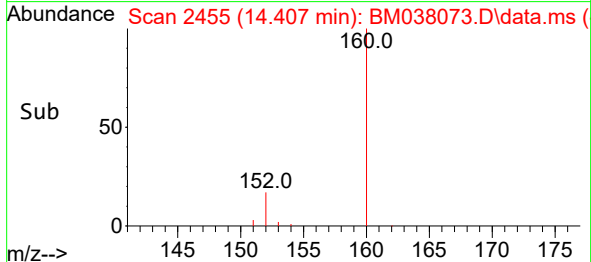
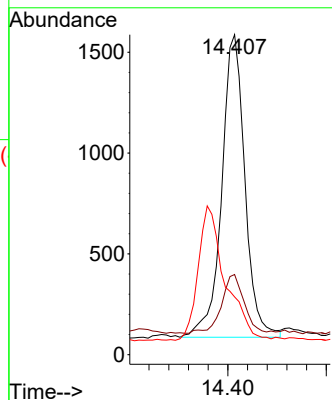
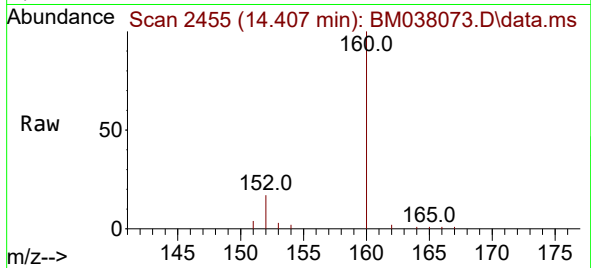




#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

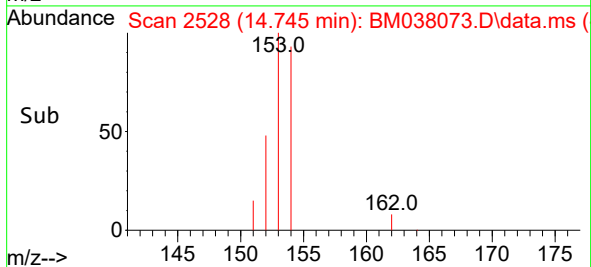
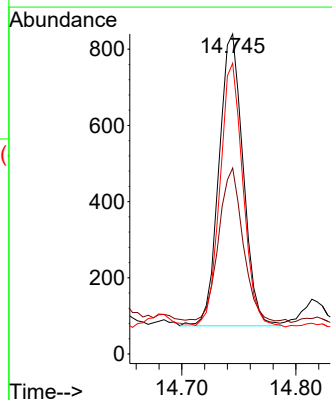
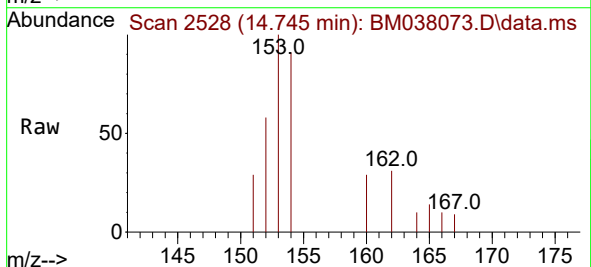
Instrument :
BNA_M
ClientSampleId :
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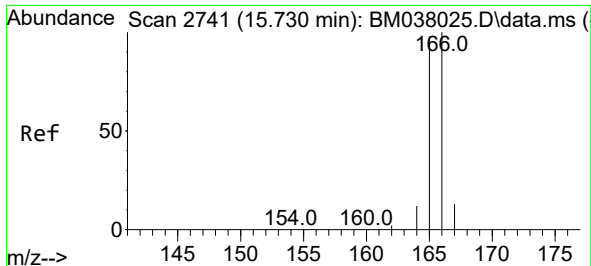
Tgt Ion:152 Resp: 2465
Ion Ratio Lower Upper
152 100
151 25.0 15.5 23.3#
153 18.0 11.0 16.4#



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:153 Resp: 1128
Ion Ratio Lower Upper
153 100
152 58.1 39.5 59.3
154 90.8 69.2 103.8

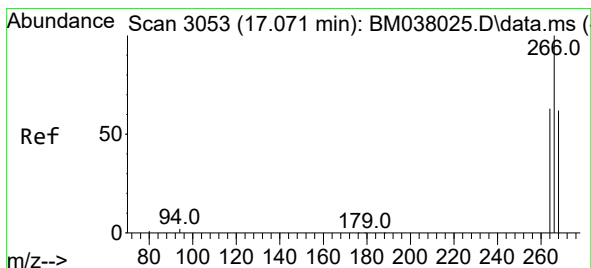
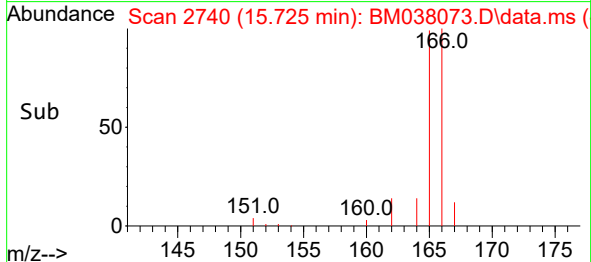
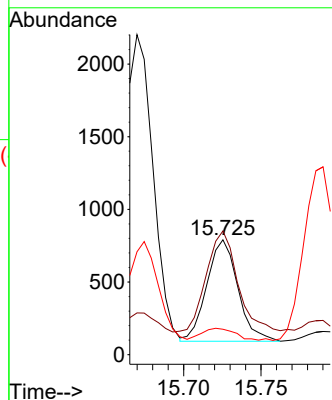
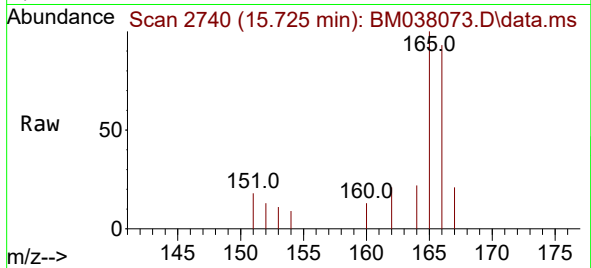




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

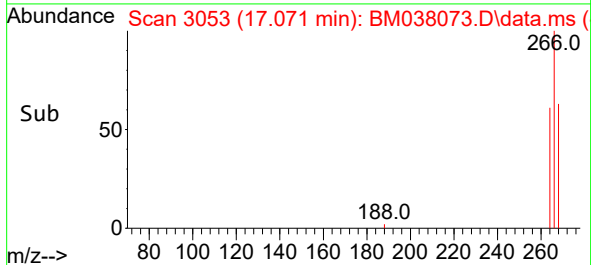
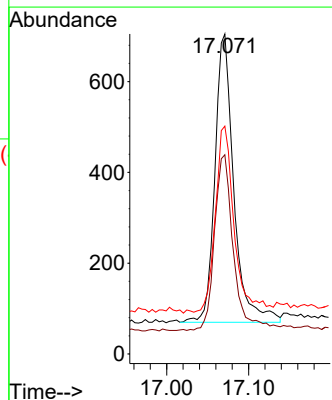
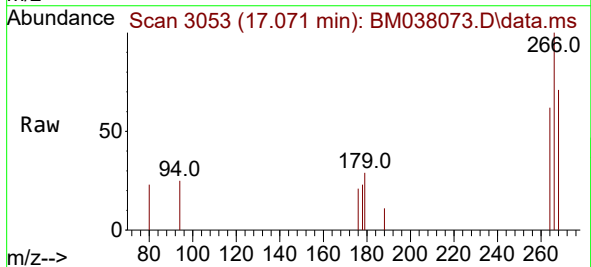
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ClientSampleId :
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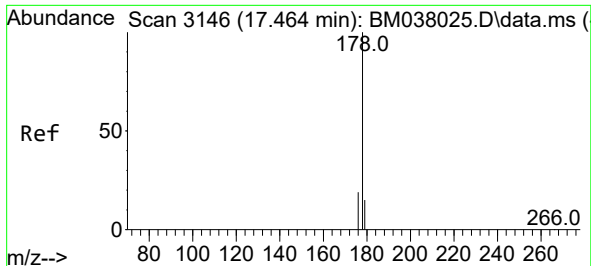
Tgt Ion:166 Resp: 973
Ion Ratio Lower Upper
166 100
165 107.6 79.0 118.4
167 22.1 11.1 16.7#



#14
Pentachlorophenol
Concen: 0.104 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:266 Resp: 1018
Ion Ratio Lower Upper
266 100
264 62.1 49.9 74.9
268 64.2 52.0 78.0

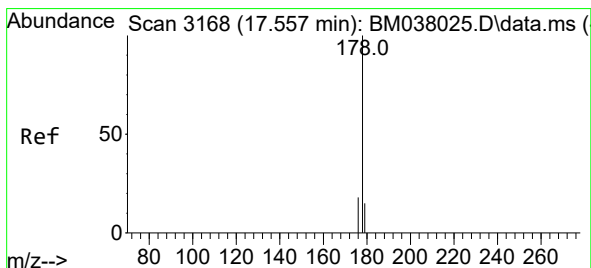
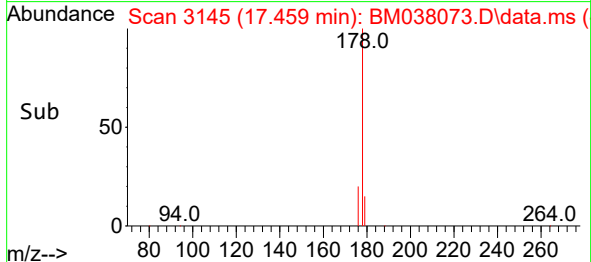
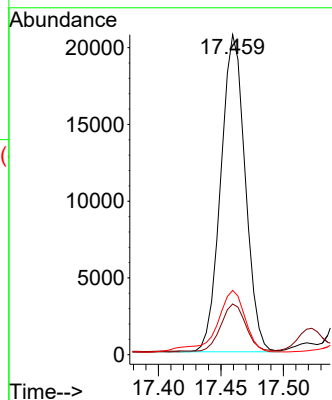
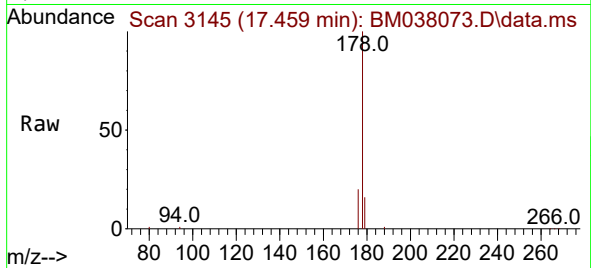




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

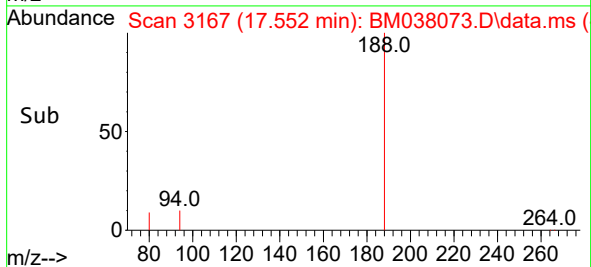
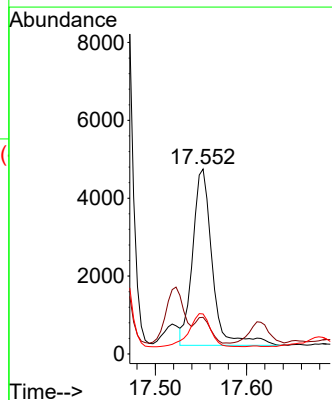
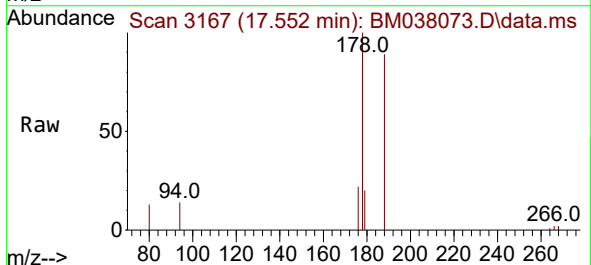
Instrument :
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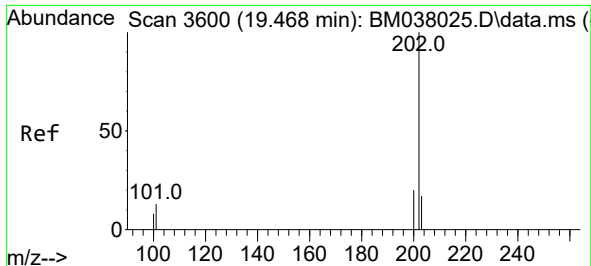
Tgt Ion:178 Resp: 28070
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:178 Resp: 6767
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.4#
176 21.7 15.0 22.4

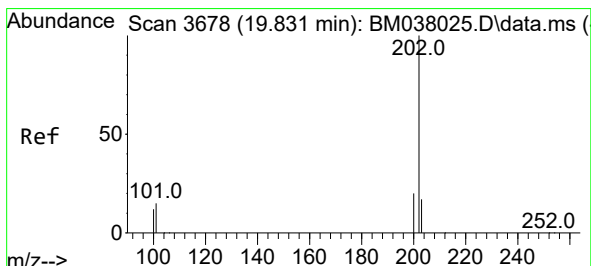
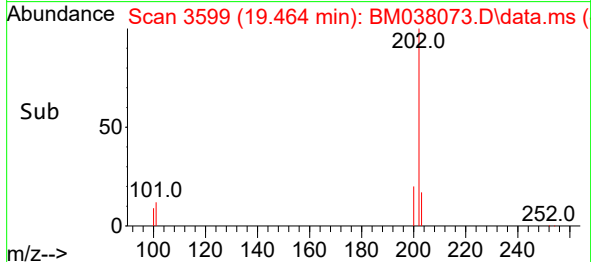
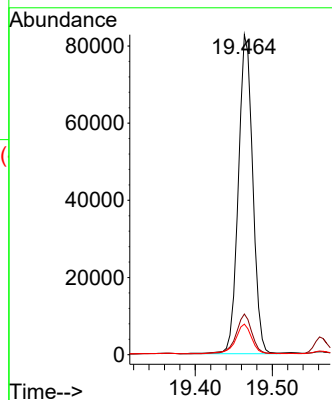
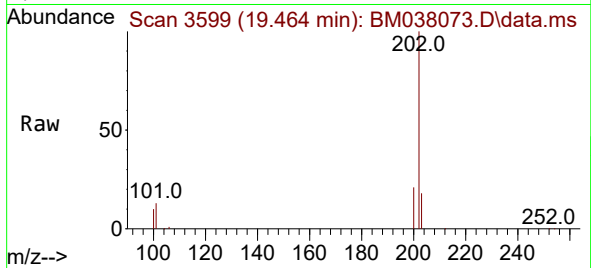




#19
Fluoranthene
Concen: 0.976 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

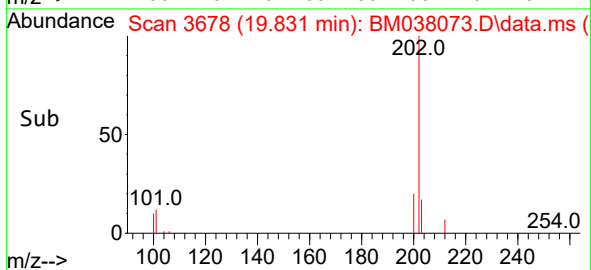
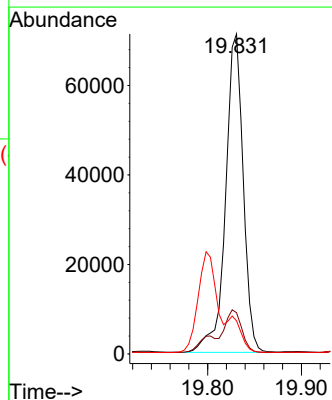
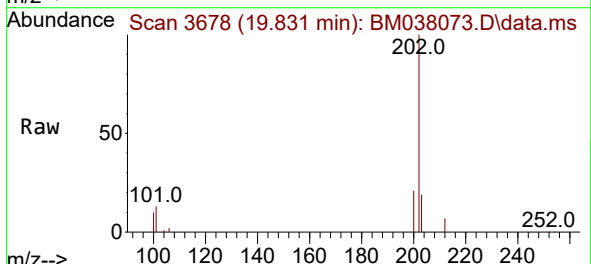
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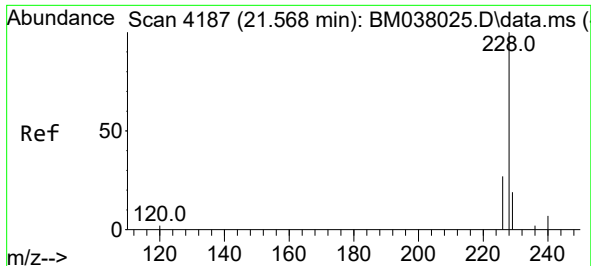
Tgt Ion:202 Resp: 107245
Ion Ratio Lower Upper
202 100
101 12.7 10.6 15.8
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.828 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:202 Resp: 92936
Ion Ratio Lower Upper
202 100
101 12.9 12.1 18.1
100 10.4 9.8 14.6

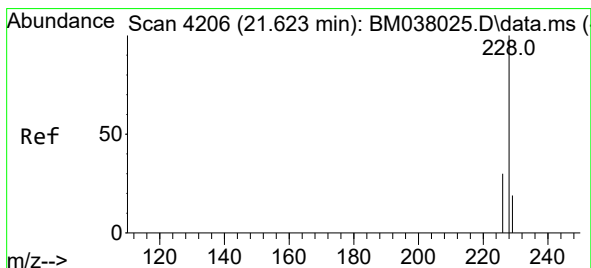
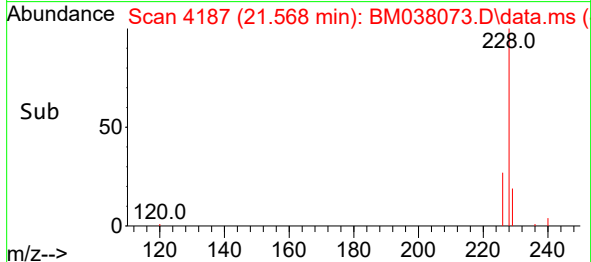
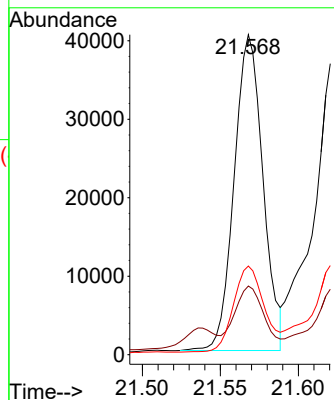
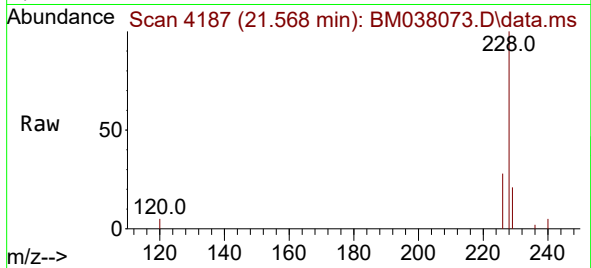




#21
Benzo(a)anthracene
Concen: 0.562 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

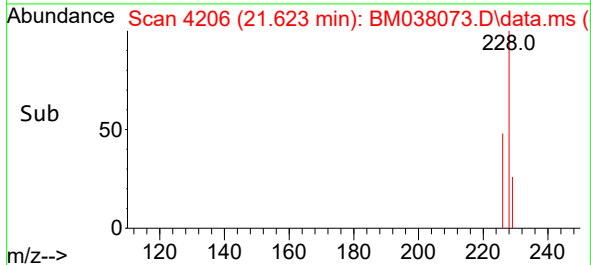
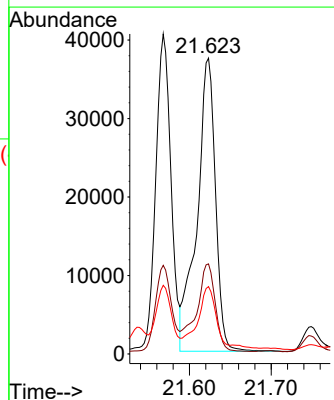
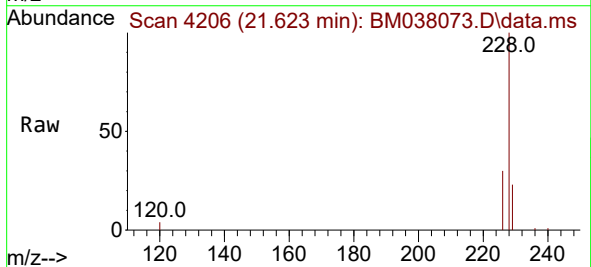
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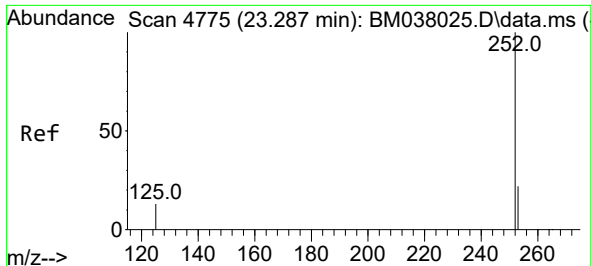
Tgt Ion:228 Resp: 51620
Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.634 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:228 Resp: 58822
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.8 15.7 23.5

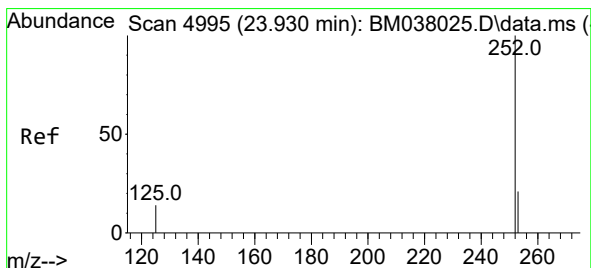
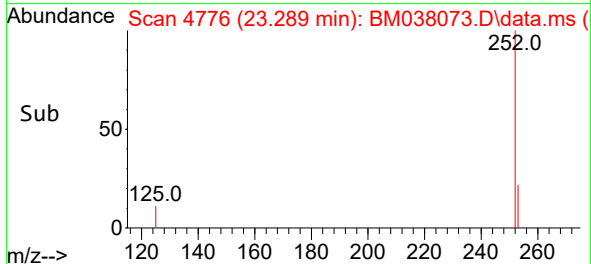
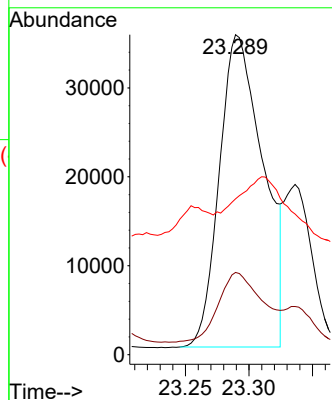
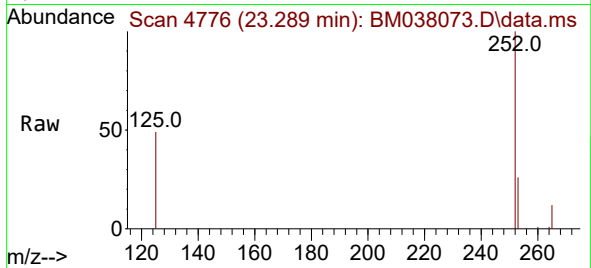




#24
Benzo(b)fluoranthene
Concen: 0.884 ng/ul
RT: 23.289 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

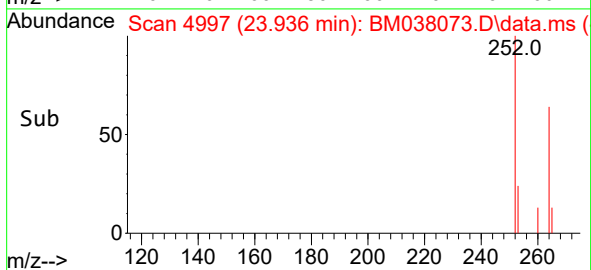
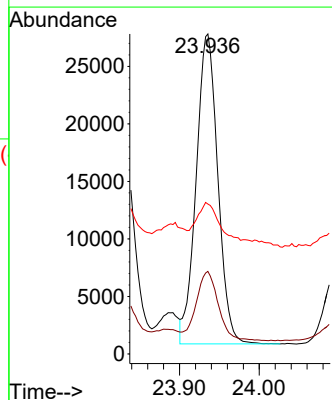
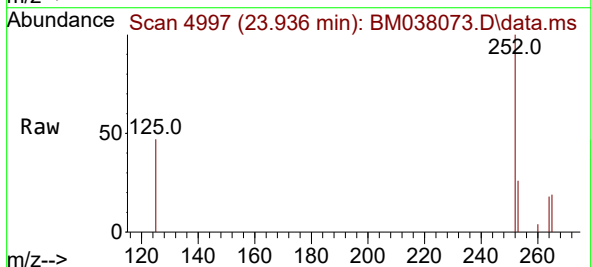
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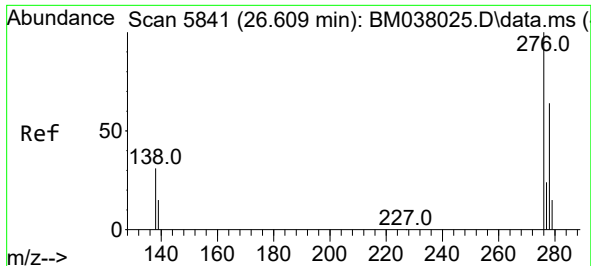
Tgt Ion:252 Resp: 84359
Ion Ratio Lower Upper
252 100
253 25.7 0.0 51.8
125 48.7 0.0 42.2#



#26
Benzo(a)pyrene
Concen: 0.632 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. 0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Tgt Ion:252 Resp: 50768
Ion Ratio Lower Upper
252 100
253 25.8 21.9 32.9
125 46.9 20.7 31.1#

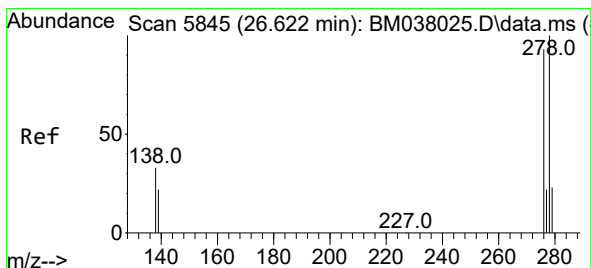
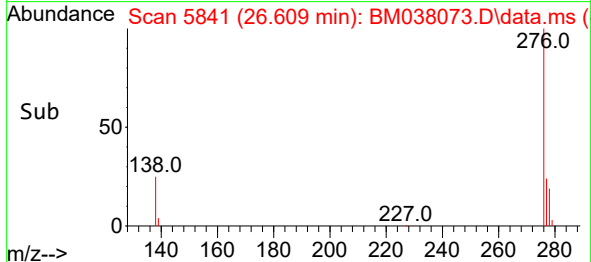
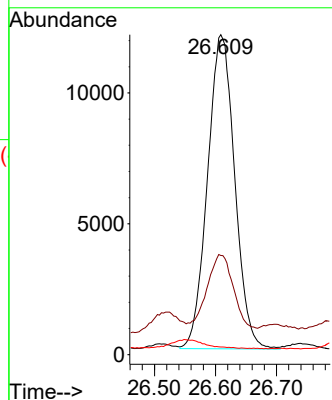
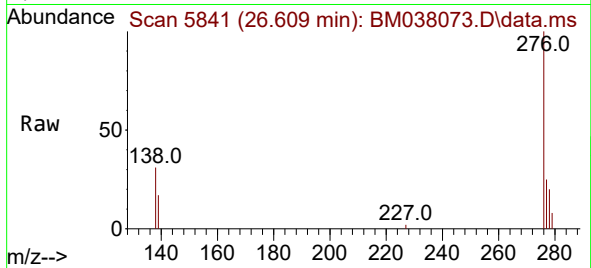




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.369 ng/ul
 RT: 26.609 min Scan# 5841
 Delta R.T. -0.000 min
 Lab File: BM038073.D
 Acq: 16 Dec 2022 18:52

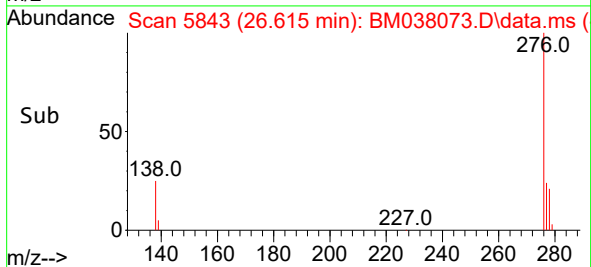
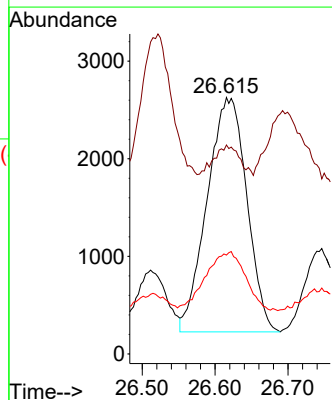
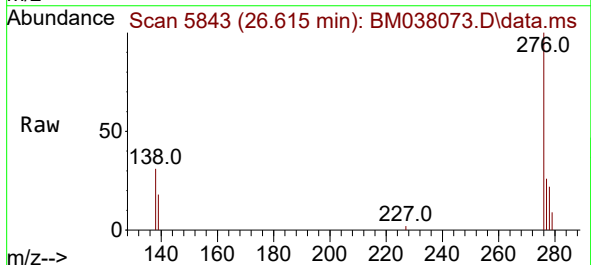
Instrument :
 BNA_M
 ClientSampleId :
 DBXQ9

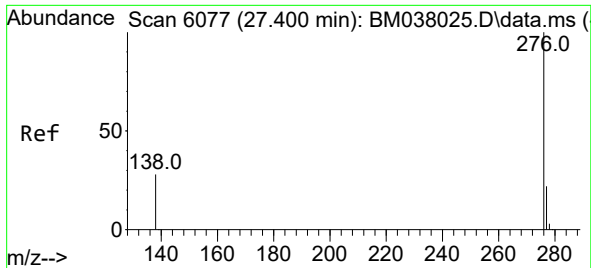
Tgt Ion:276 Resp: 37231
 Ion Ratio Lower Upper
 276 100
 138 22.4 26.6 40.0#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.115 ng/ul
 RT: 26.615 min Scan# 5843
 Delta R.T. -0.007 min
 Lab File: BM038073.D
 Acq: 16 Dec 2022 18:52

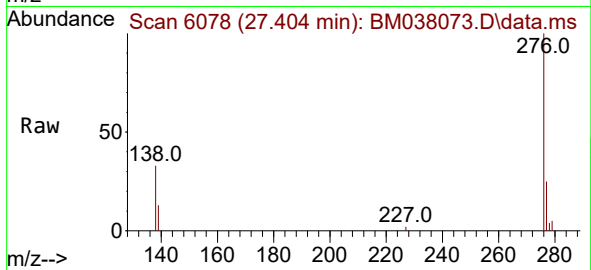
Tgt Ion:278 Resp: 9071
 Ion Ratio Lower Upper
 278 100
 139 81.4 19.0 28.6#
 279 38.6 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.404 min Scan# 6078
Delta R.T. 0.003 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:	276	Resp:	33488
Ion Ratio	Lower	Upper	
276	100		
138	33.4	24.1	36.1
277	25.3	19.0	28.6

