

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038106.D
 Acq On : 19 Dec 2022 17:20
 Operator : CG/JU
 Sample : N6006-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV8

Quant Time: Dec 19 18:18:21 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 : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

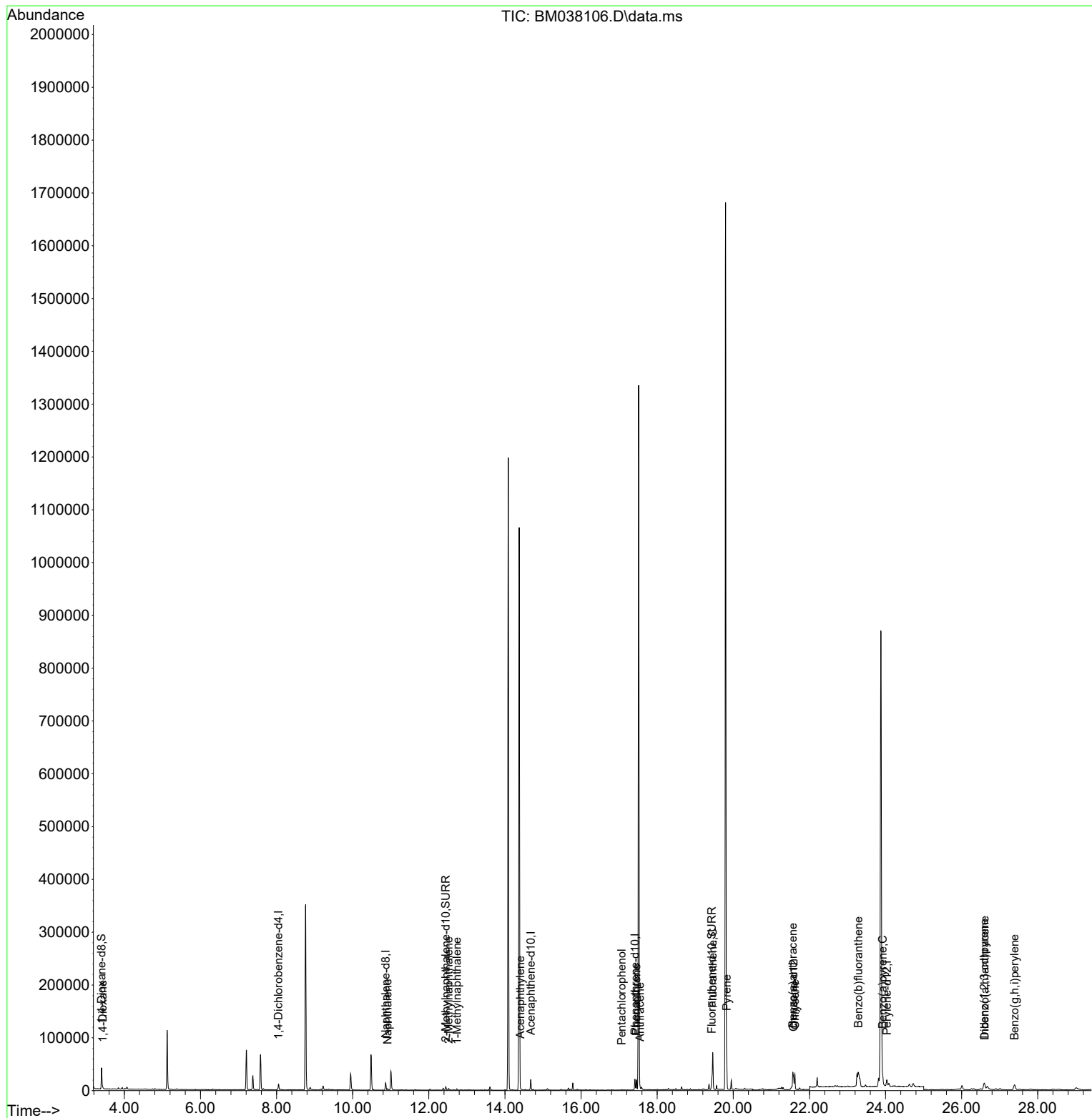
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5529	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	22500	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	16649	0.400	ng/ul	# 0.00
23) Perylene-d12	24.035	264	16531	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	26329	3.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	8153	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	18184	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	202	0.030	ng/ul#	1
5) Naphthalene	10.917	128	2957	0.054	ng/ul#	89
7) 2-Methylnaphthalene	12.517	142	2042	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.737	142	1530	0.044	ng/ul	99
10) Acenaphthylene	14.402	152	1477	0.027	ng/ul#	73
14) Pentachlorophenol	17.067	266	386	0.041	ng/ul	99
15) Phenanthrene	17.455	178	18358	0.242	ng/ul	98
16) Anthracene	17.548	178	2813	0.040	ng/ul#	82
19) Fluoranthene	19.459	202	56409	0.656	ng/ul#	93
20) Pyrene	19.826	202	49048	0.559	ng/ul	96
21) Benzo(a)anthracene	21.565	228	24362	0.339	ng/ul#	95
22) Chrysene	21.618	228	30626	0.422	ng/ul	96
24) Benzo(b)fluoranthene	23.284	252	45656	0.582	ng/ul	94
26) Benzo(a)pyrene	23.924	252	27594	0.418	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.592	276	22509	0.272	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.609	278	5502	0.085	ng/ul#	69
29) Benzo(g,h,i)perylene	27.387	276	21558	0.306	ng/ul	98

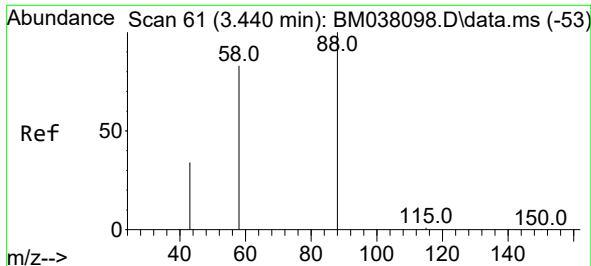
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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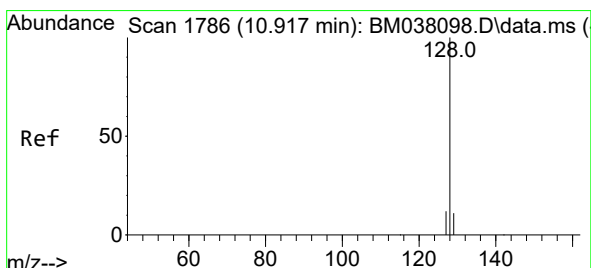
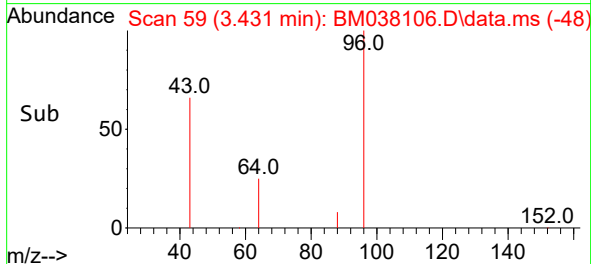
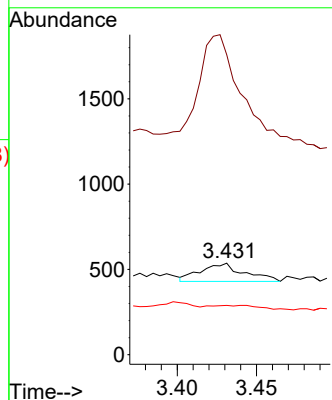
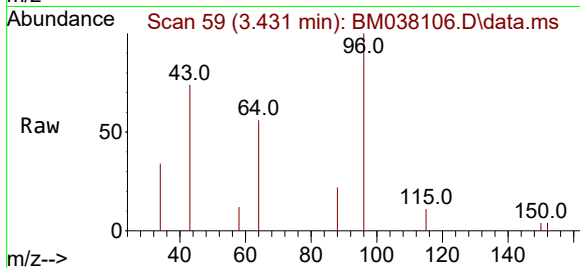




#2
1,4-Dioxane
Concen: 0.030 ng/ul
RT: 3.431 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

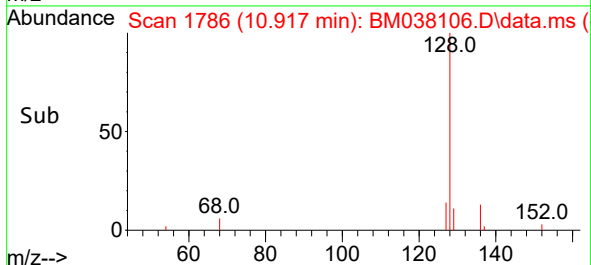
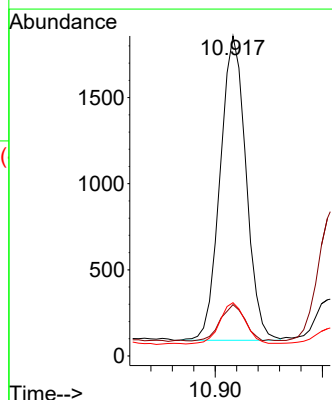
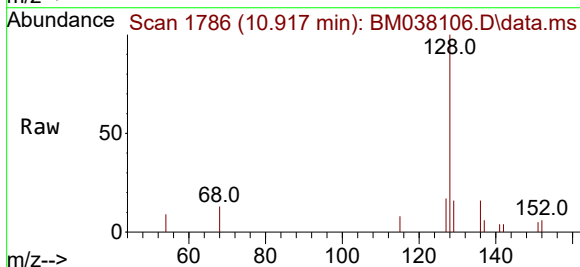
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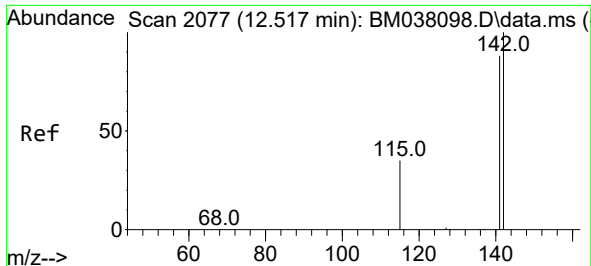
Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 327.4 31.4 47.0#
58 53.8 50.2 75.2



#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion: 128 Resp: 2957
Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7#
127 16.6 10.4 15.6#

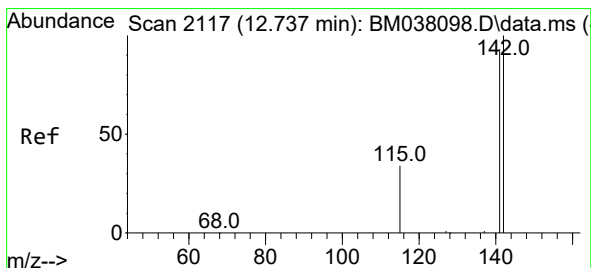
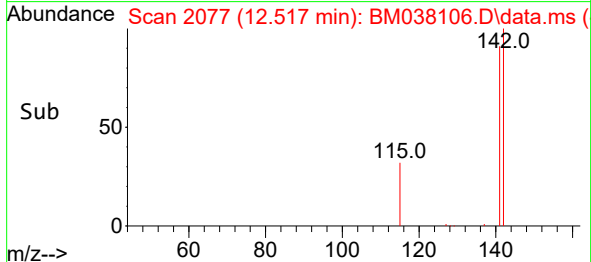
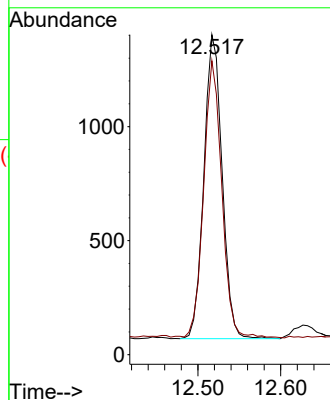
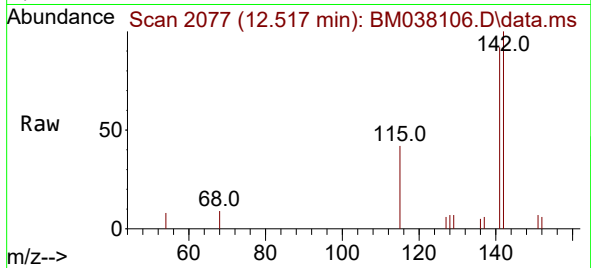




#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

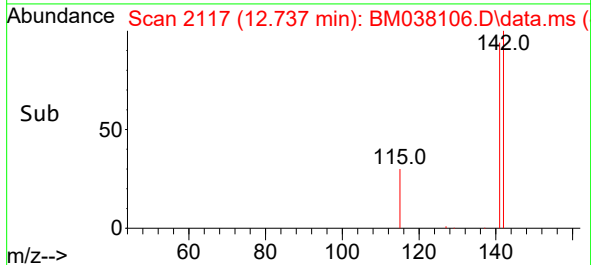
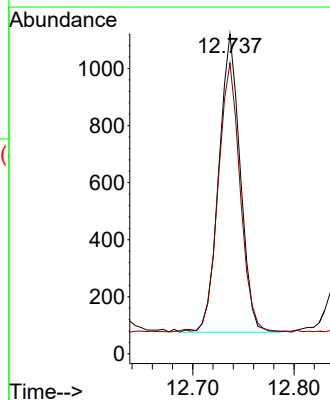
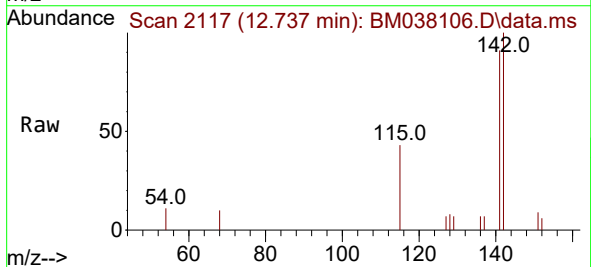
Instrument :
BNA_M
ClientSampleId :
DBXV8

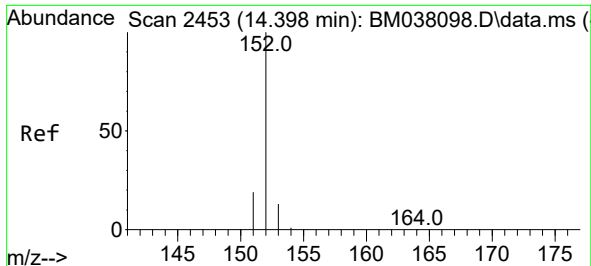
Tgt Ion:142 Resp: 2042
Ion Ratio Lower Upper
142 100
141 90.6 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:142 Resp: 1530
Ion Ratio Lower Upper
142 100
141 93.2 73.6 110.4

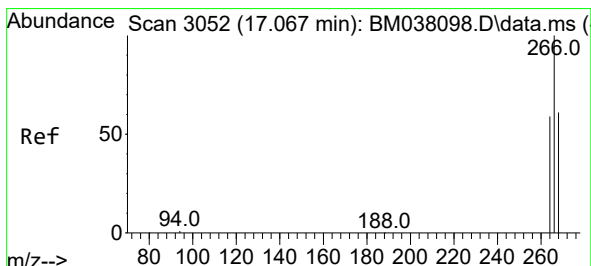
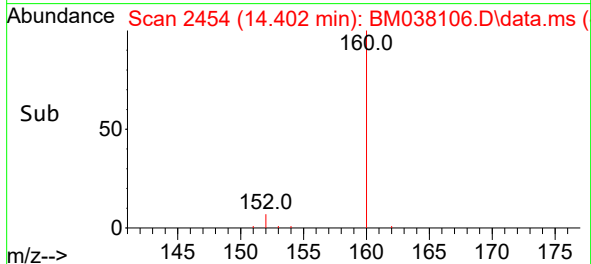
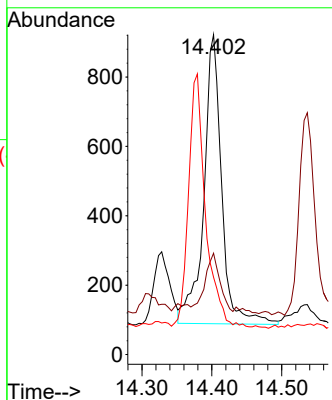
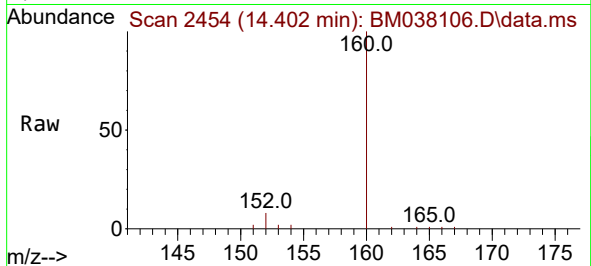




#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.402 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

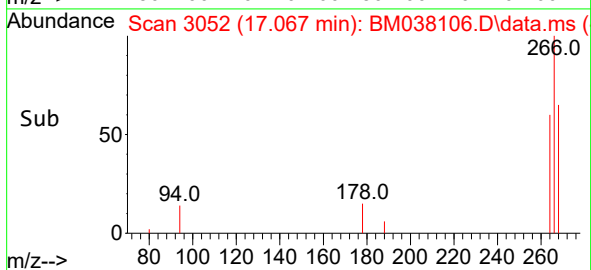
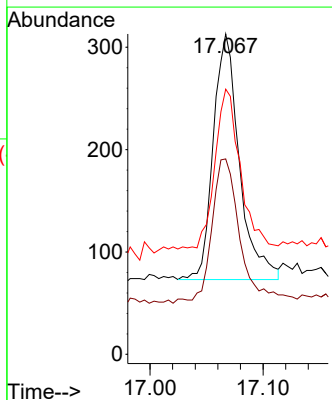
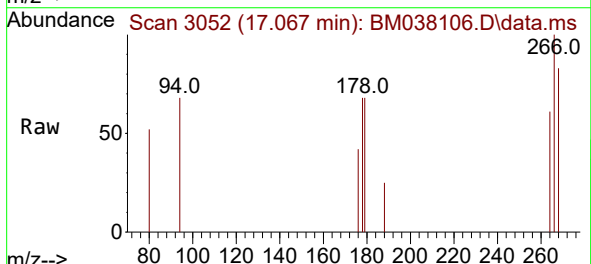
Instrument :
BNA_M
ClientSampleId :
DBXV8

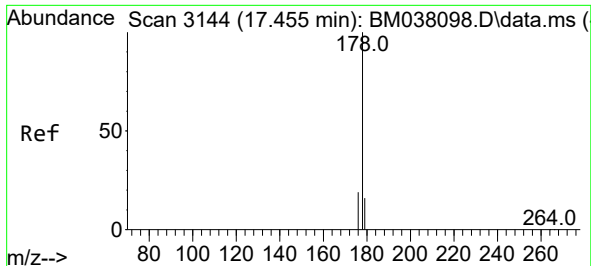
Tgt Ion:152 Resp: 1477
Ion Ratio Lower Upper
152 100
151 31.7 15.5 23.3#
153 24.2 11.0 16.4#



#14
Pentachlorophenol
Concen: 0.041 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:266 Resp: 386
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 66.1 52.0 78.0

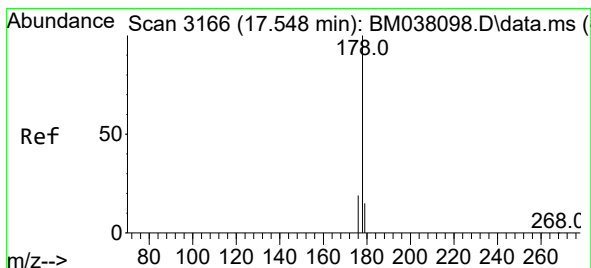
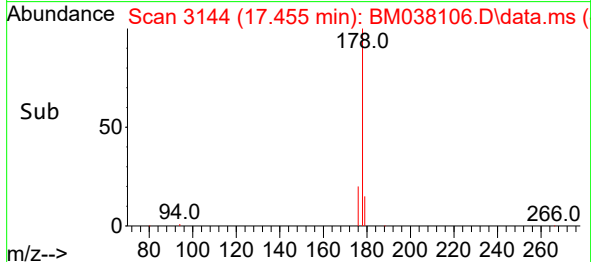
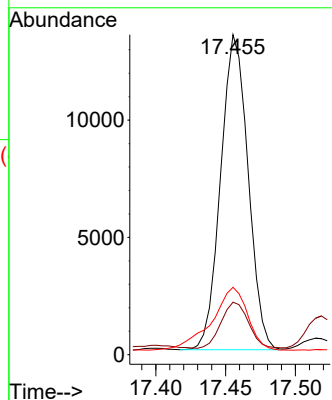
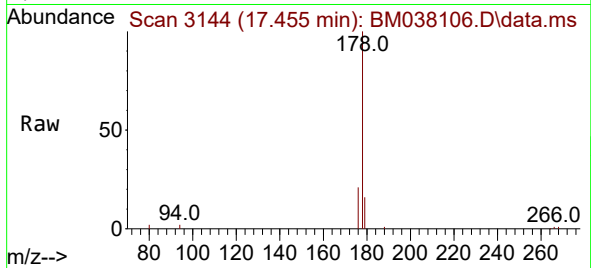




#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

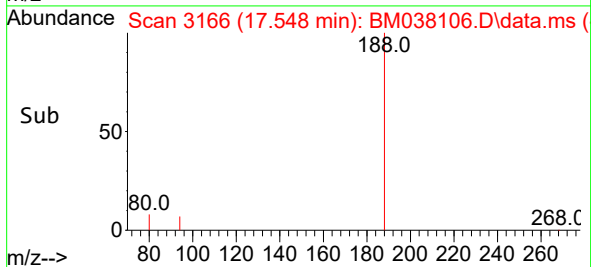
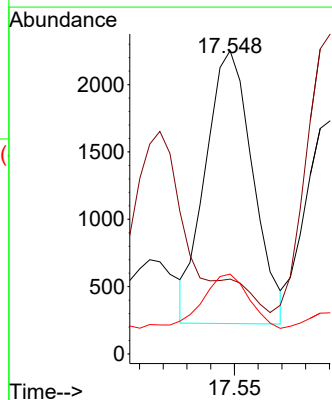
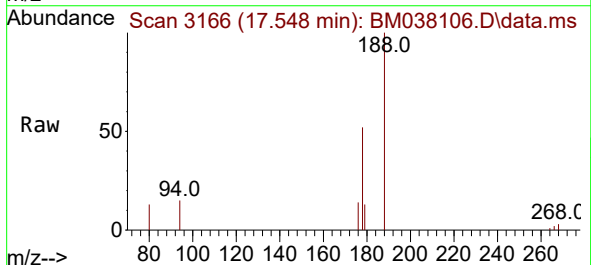
Instrument :
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ClientSampleId :
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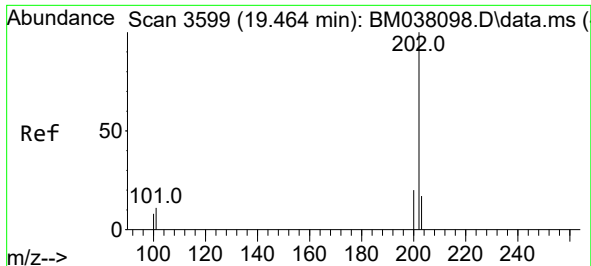
Tgt Ion:178 Resp: 18358
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 21.1 15.8 23.6



#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:178 Resp: 2813
Ion Ratio Lower Upper
178 100
179 24.7 13.0 19.4#
176 26.3 15.0 22.4#

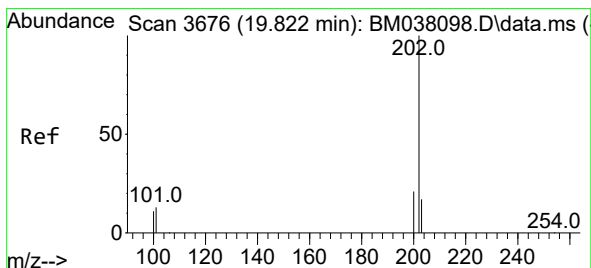
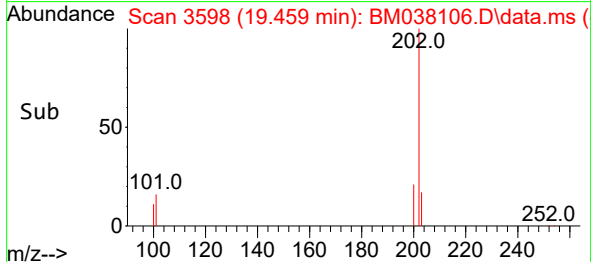
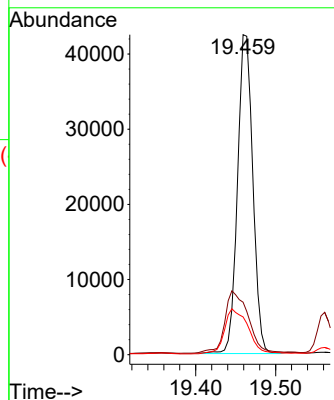
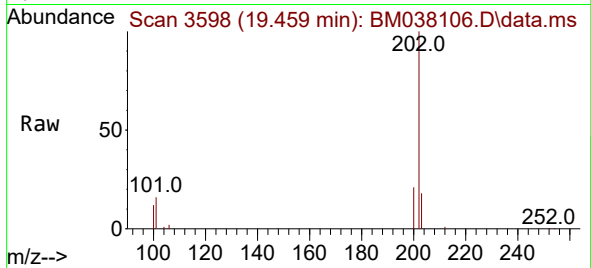




#19
Fluoranthene
Concen: 0.656 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

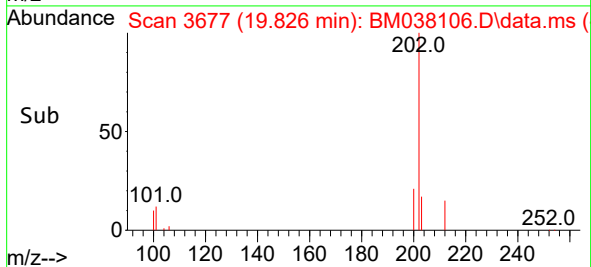
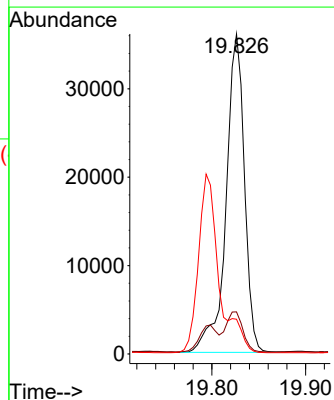
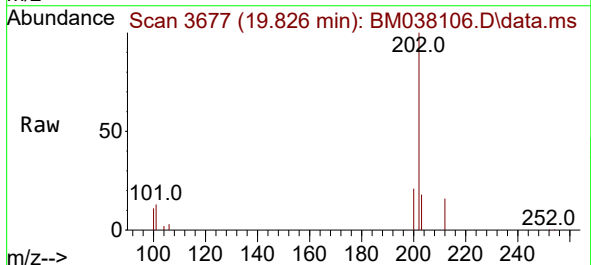
Instrument :
BNA_M
ClientSampleId :
DBXV8

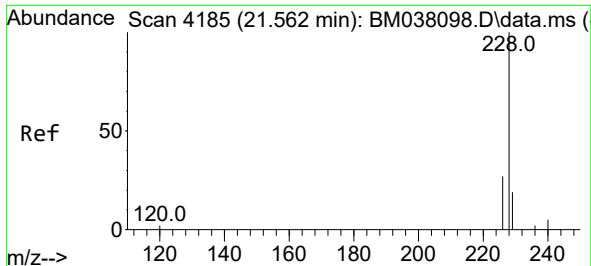
Tgt Ion:202 Resp: 56409
Ion Ratio Lower Upper
202 100
101 16.4 10.6 15.8#
100 11.8 7.9 11.9



#20
Pyrene
Concen: 0.559 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

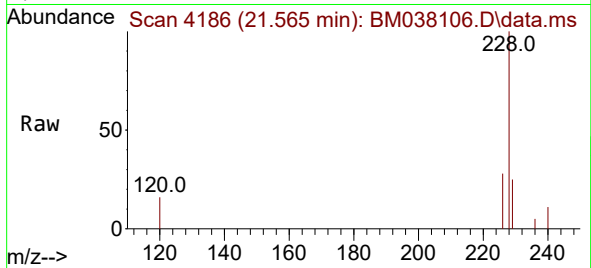
Tgt Ion:202 Resp: 49048
Ion Ratio Lower Upper
202 100
101 13.2 12.1 18.1
100 10.8 9.8 14.6



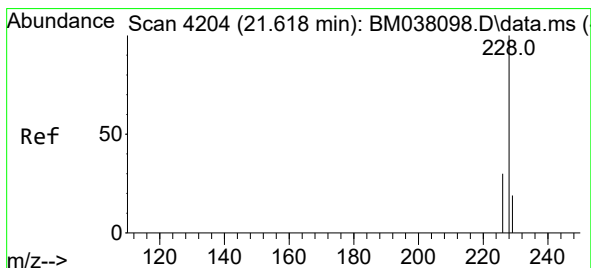
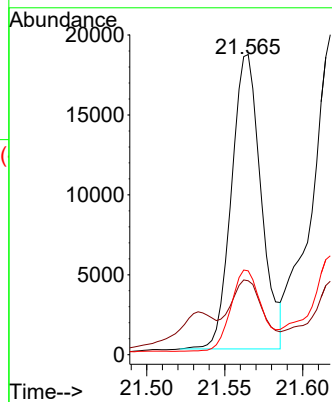
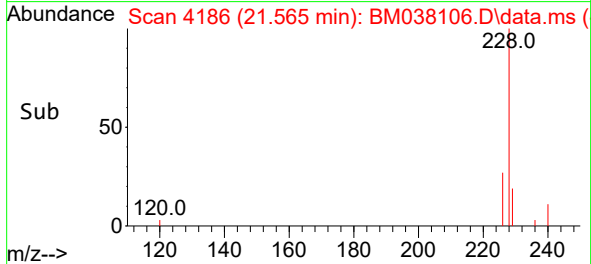


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.565 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
DBXV8

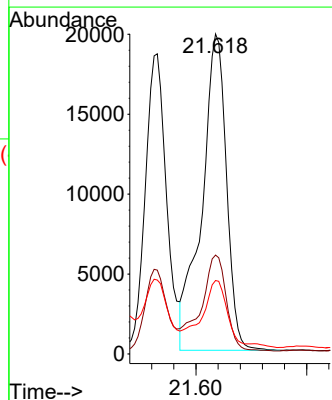
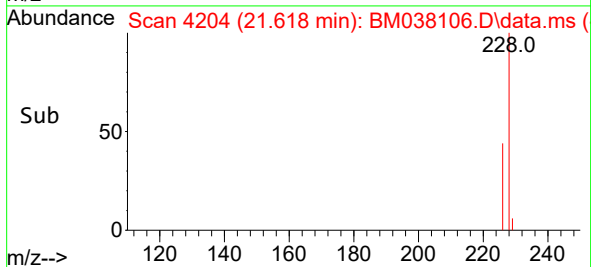
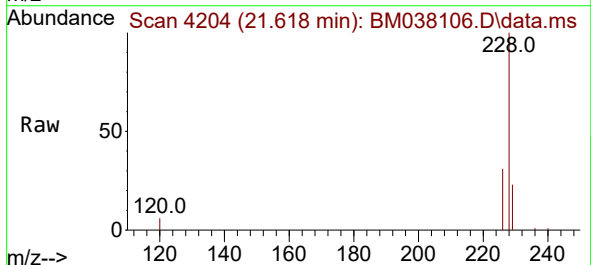


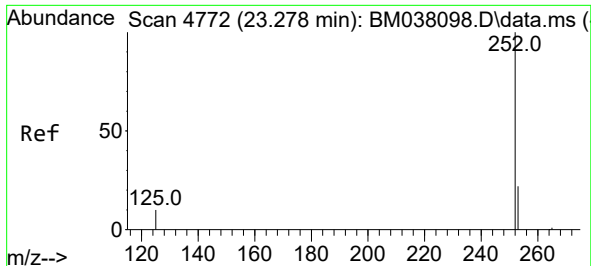
Tgt Ion:228 Resp: 24362
Ion Ratio Lower Upper
228 100
229 24.6 15.9 23.9#
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:228 Resp: 30626
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 23.0 15.7 23.5

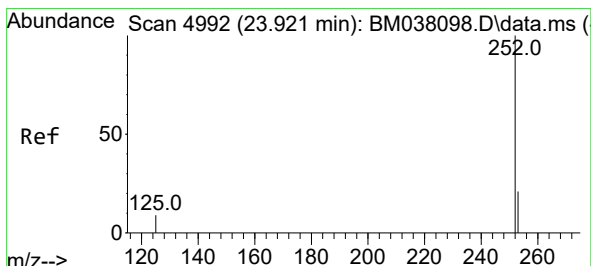
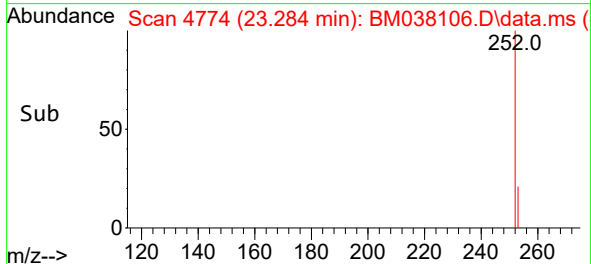
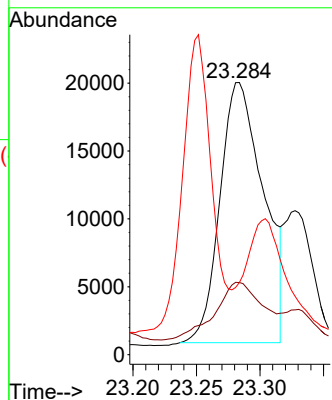
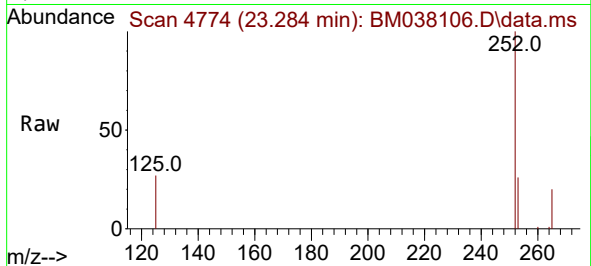




#24
Benzo(b)fluoranthene
Concen: 0.582 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

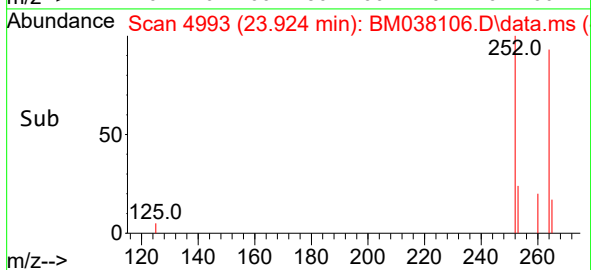
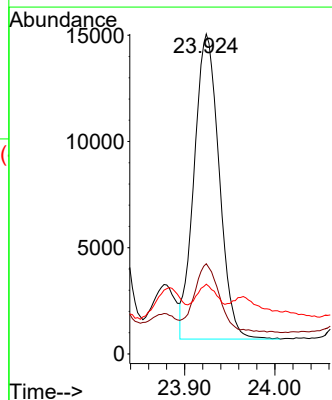
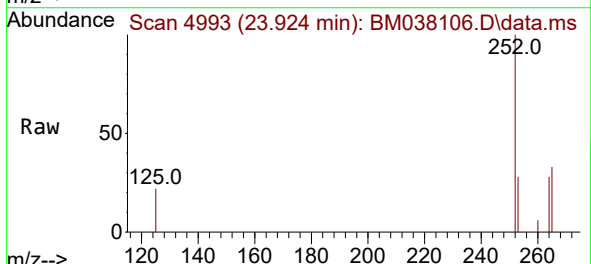
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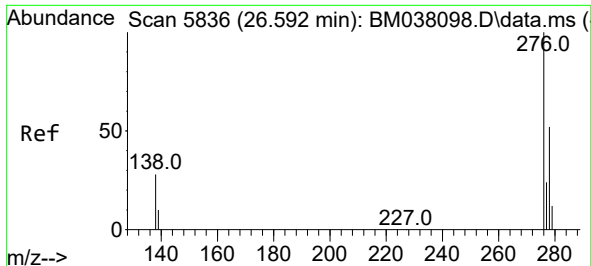
Tgt Ion:252 Resp: 45656
Ion Ratio Lower Upper
252 100
253 26.5 0.0 51.8
125 26.5 0.0 42.2



#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:252 Resp: 27594
Ion Ratio Lower Upper
252 100
253 28.2 21.9 32.9
125 21.8 20.7 31.1

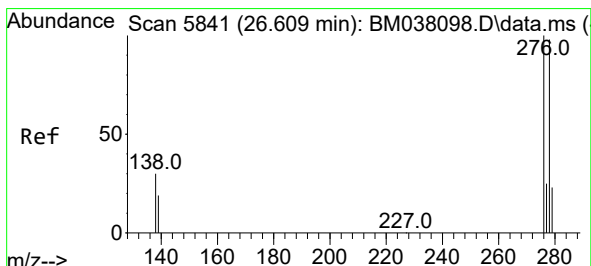
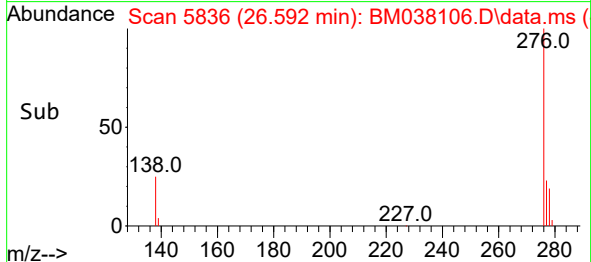
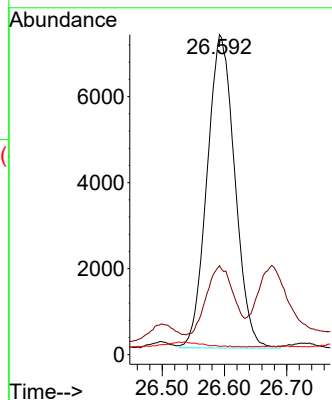
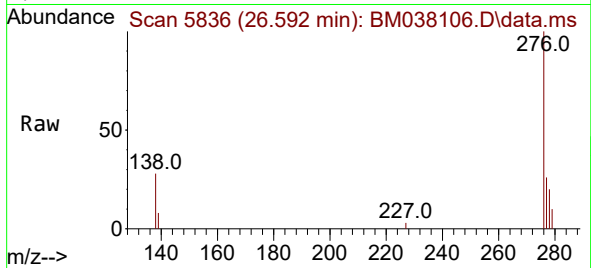




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.007 min
 Lab File: BM038106.D
 Acq: 19 Dec 2022 17:20

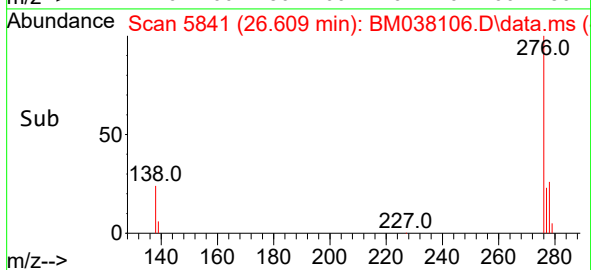
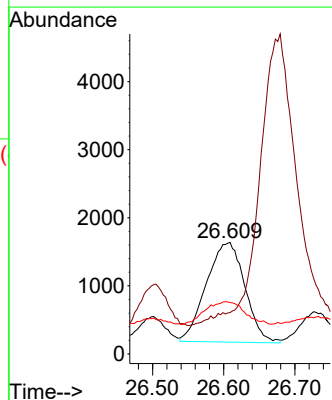
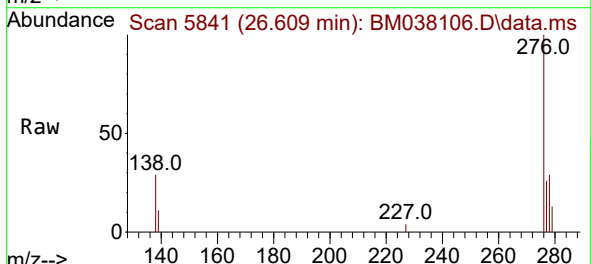
Instrument :
 BNA_M
 ClientSampleId :
 DBXV8

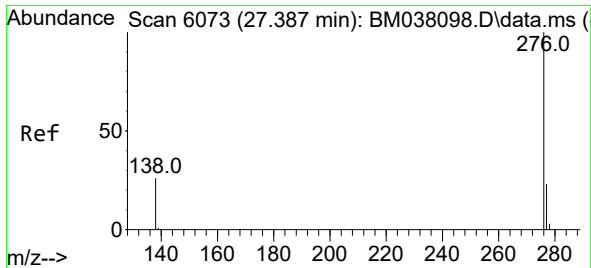
Tgt Ion:276 Resp: 22509
 Ion Ratio Lower Upper
 276 100
 138 23.1 26.6 40.0#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul
 RT: 26.609 min Scan# 5841
 Delta R.T. -0.007 min
 Lab File: BM038106.D
 Acq: 19 Dec 2022 17:20

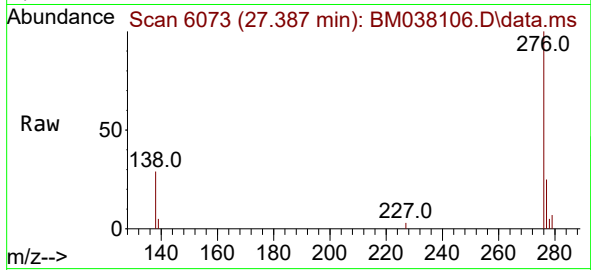
Tgt Ion:278 Resp: 5502
 Ion Ratio Lower Upper
 278 100
 139 37.1 19.0 28.6#
 279 46.1 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.306 ng/ul
 RT: 27.387 min Scan# 6073
 Delta R.T. -0.007 min
 Lab File: BM038106.D
 Acq: 19 Dec 2022 17:20

Instrument :
 BNA_M
 ClientSampleId :
 DBXV8



Tgt Ion:	276	Resp:	21558
Ion Ratio	Lower	Upper	
276	100		
138	29.2	24.1	36.1
277	25.2	19.0	28.6

