

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041673.D
 Acq On : 07 Sep 2023 00:11
 Operator : MA/JU
 Sample : 04113-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ2

Quant Time: Sep 07 02:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

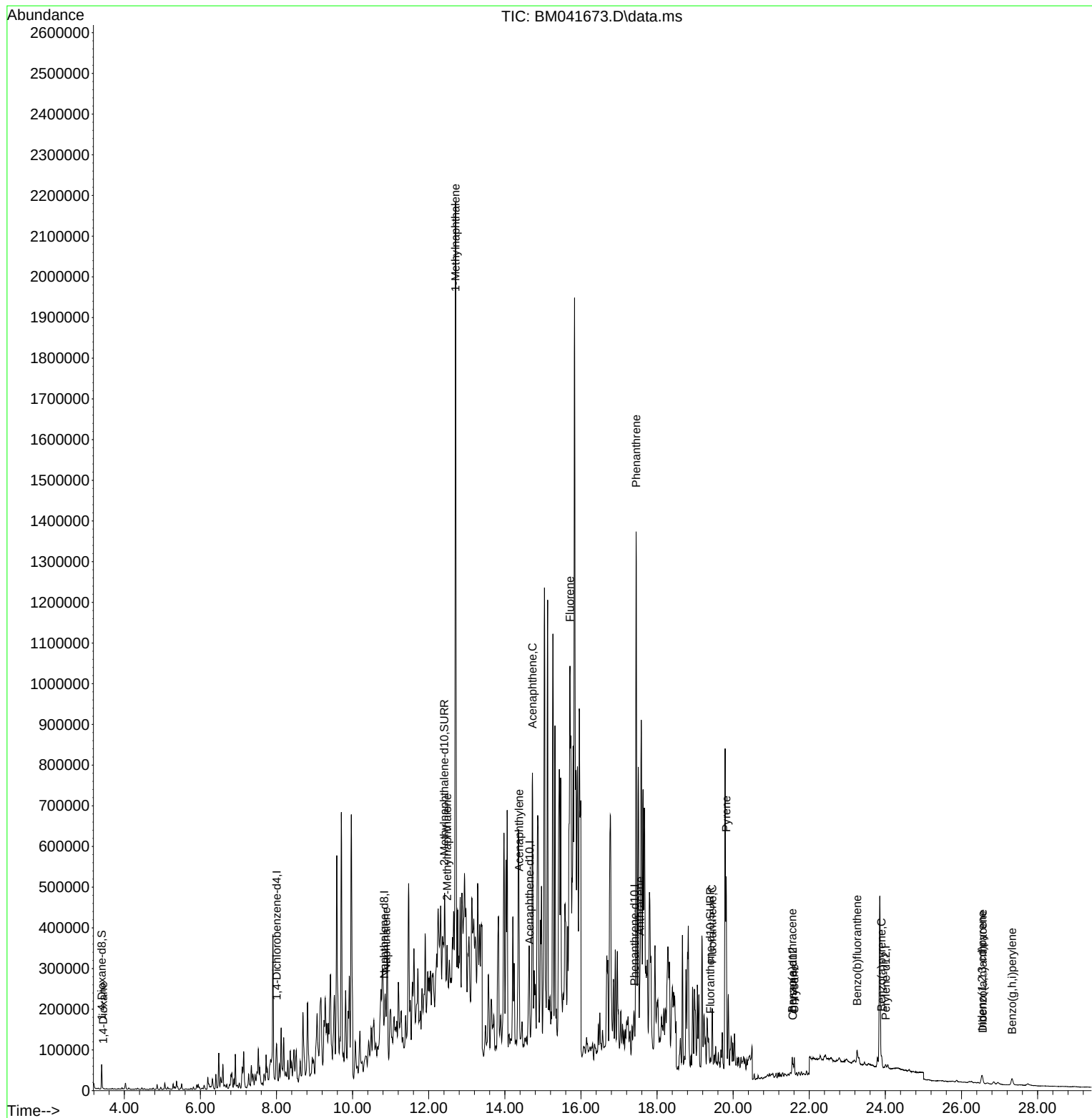
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	7505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	17131	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.652	164	24017	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	15889	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.568	240	9526	0.400	ng/ul	# 0.00
23) Perylene-d12	24.009	264	11160	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	32655	2.847	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	9726	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	11819	0.256	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	427	0.036	ng/ul#	33
5) Naphthalene	10.878	128	187891	3.340	ng/ul#	81
7) 2-Methylnaphthalene	12.484	142	102212	3.201	ng/ul	96
8) 1-Methylnaphthalene	12.704	142	1268650	39.537	ng/ul	98
10) Acenaphthylene	14.374	152	105616	0.712	ng/ul#	1
11) Acenaphthene	14.726	153	378158	3.277	ng/ul	87
12) Fluorene	15.711	166	571966	4.419	ng/ul#	94
15) Phenanthrene	17.451	178	1332553	19.862	ng/ul#	94
16) Anthracene	17.548	178	130523	2.270	ng/ul#	47
19) Fluoranthene	19.450	202	128146	1.140	ng/ul#	89
20) Pyrene	19.817	202	368153	3.297	ng/ul#	89
21) Benzo(a)anthracene	21.550	228	35268	0.454	ng/ul#	70
22) Chrysene	21.606	228	33626	0.401	ng/ul#	71
24) Benzo(b)fluoranthene	23.257	252	56684	0.568	ng/ul#	1
26) Benzo(a)pyrene	23.900	252	39432	0.486	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.538	276	35909	0.323	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.558	278	8644	0.111	ng/ul#	1
29) Benzo(g,h,i)perylene	27.326	276	35115	0.356	ng/ul#	68

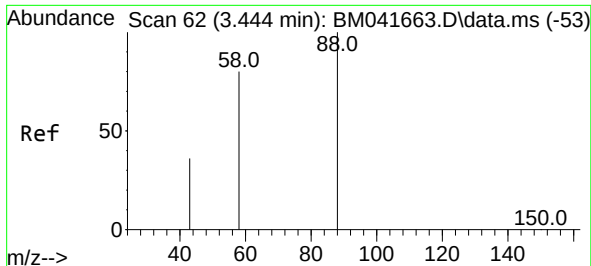
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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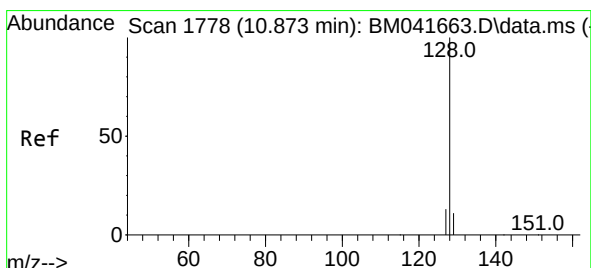
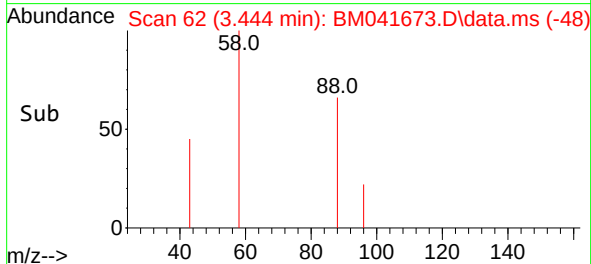
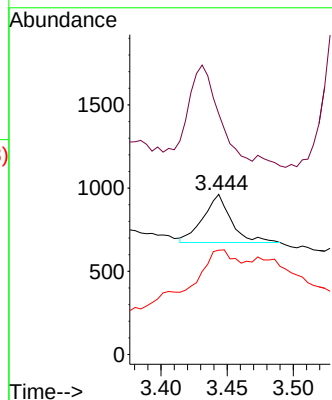
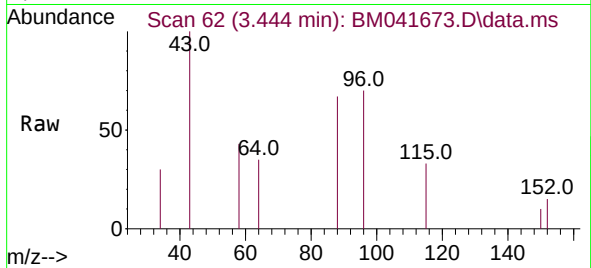




#2
1,4-Dioxane
Concen: 0.036 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

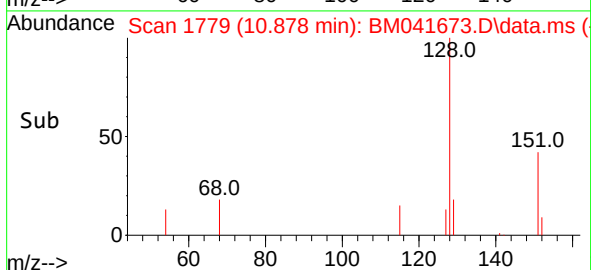
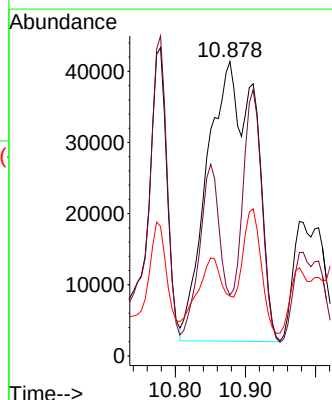
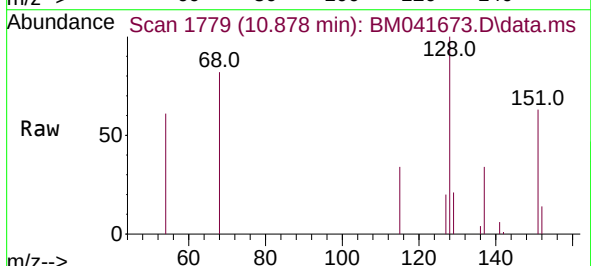
Instrument :
BNA_M
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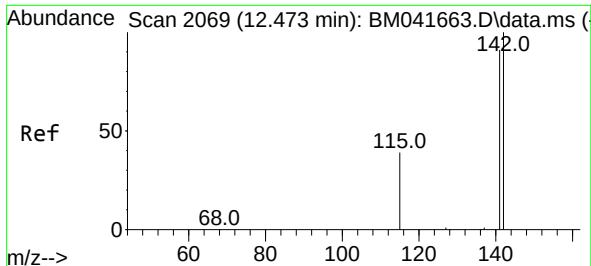
Tgt Ion: 88 Resp: 427
Ion Ratio Lower Upper
88 100
43 150.3 33.8 50.6#
58 65.1 54.2 81.2



#5
Naphthalene
Concen: 3.340 ng/ul
RT: 10.878 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion: 128 Resp: 187891
Ion Ratio Lower Upper
128 100
129 20.7 9.4 14.0#
127 20.3 11.0 16.6#

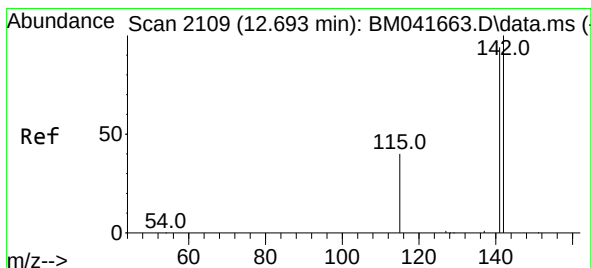
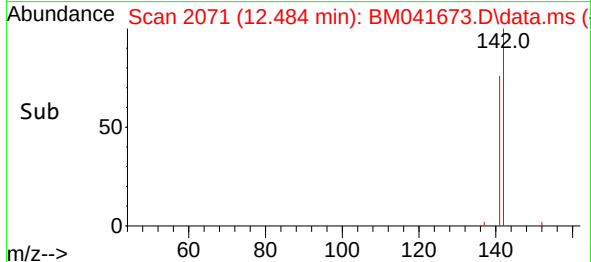
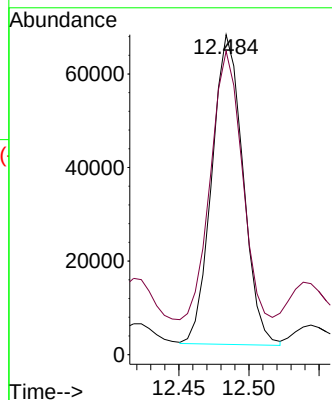
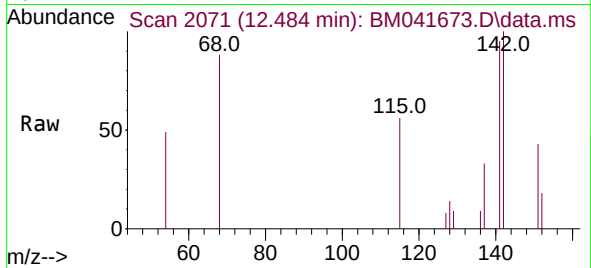




#7
2-Methylnaphthalene
Concen: 3.201 ng/ul
RT: 12.484 min Scan# 2069
Delta R.T. 0.005 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

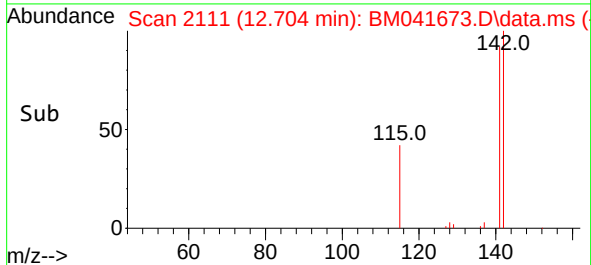
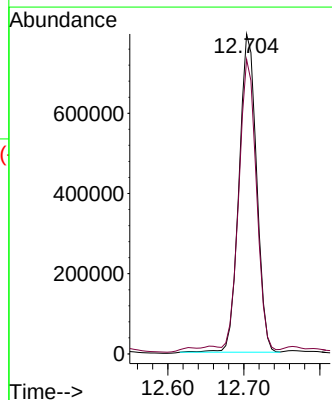
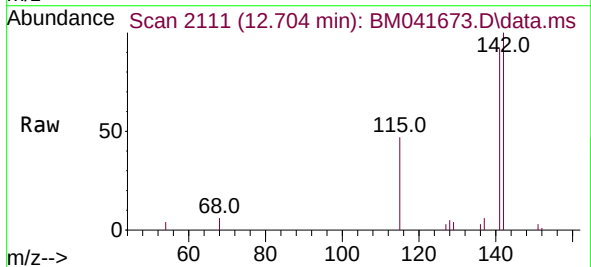
Instrument :
BNA_M
ClientSampleId :
EZYJ2

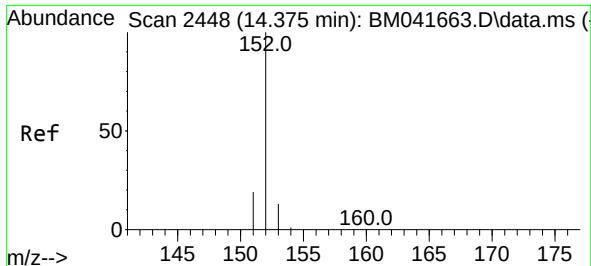
Tgt Ion:142 Resp: 102212
Ion Ratio Lower Upper
142 100
141 86.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 39.537 ng/ul
RT: 12.704 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:142 Resp: 1268650
Ion Ratio Lower Upper
142 100
141 90.6 74.4 111.6

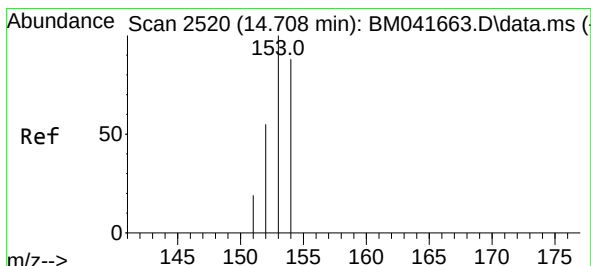
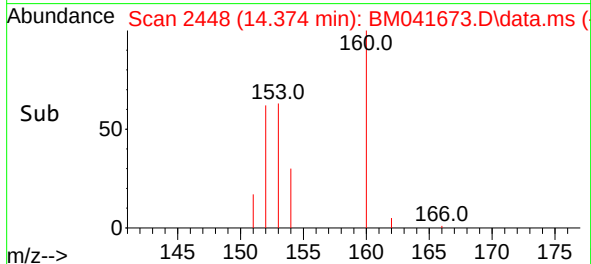
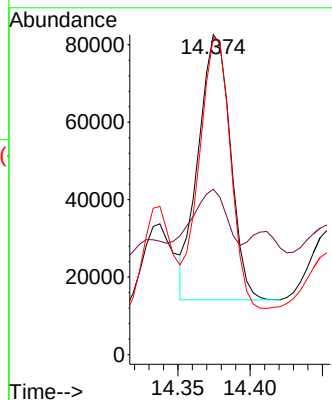
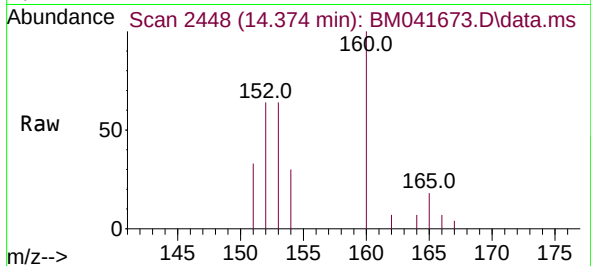




#10
Acenaphthylene
Concen: 0.712 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

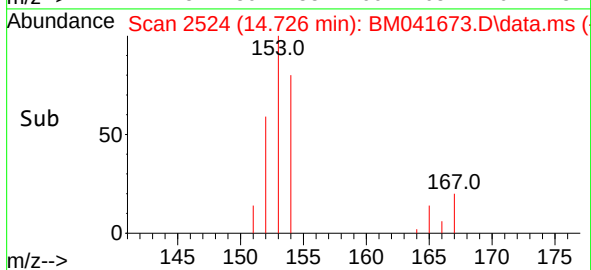
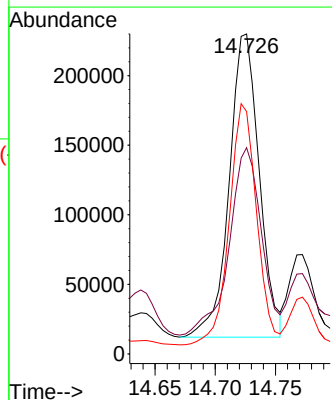
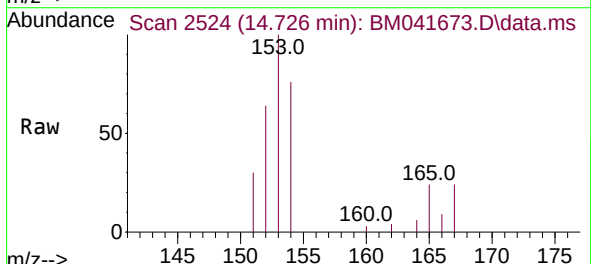
Instrument :
BNA_M
ClientSampleId :
EZYJ2

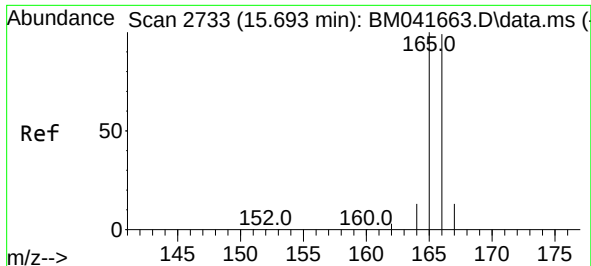
Tgt Ion:152 Resp: 105616
Ion Ratio Lower Upper
152 100
151 51.7 16.4 24.6#
153 99.2 11.1 16.7#



#11
Acenaphthene
Concen: 3.277 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. 0.014 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:153 Resp: 378158
Ion Ratio Lower Upper
153 100
152 64.4 43.4 65.2
154 75.7 69.4 104.0

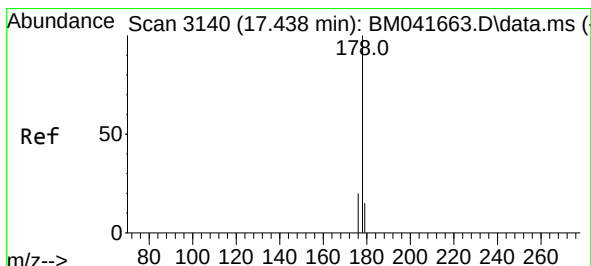
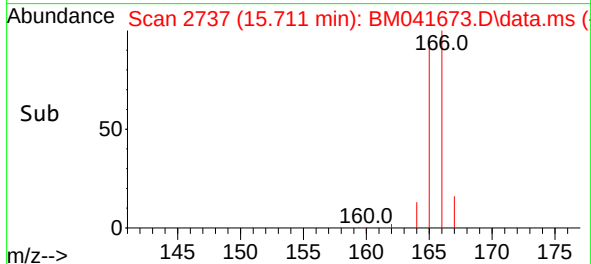
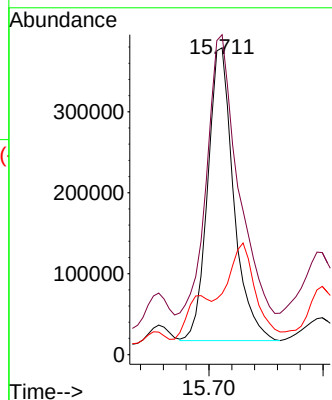
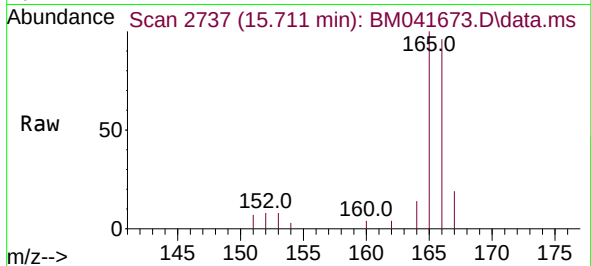




#12
Fluorene
Concen: 4.419 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

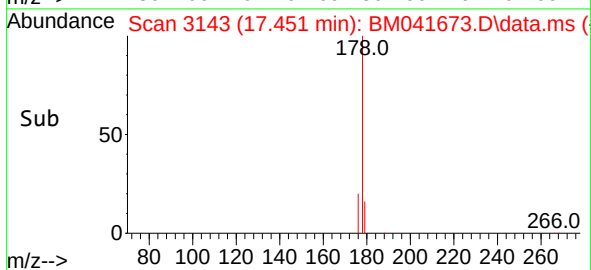
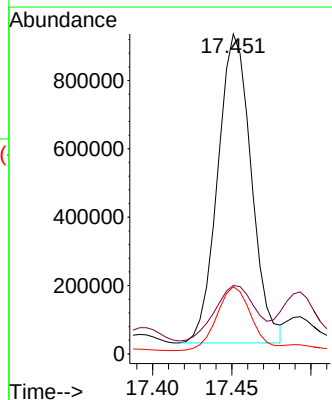
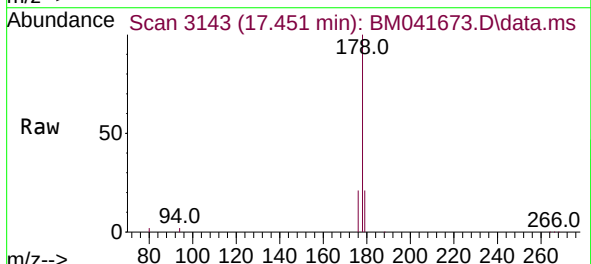
Instrument :
BNA_M
ClientSampleId :
EZYJ2

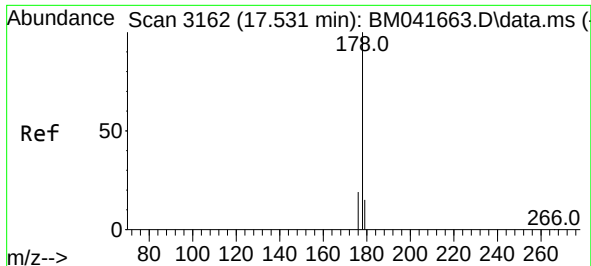
Tgt Ion:166 Resp: 571966
Ion Ratio Lower Upper
166 100
165 104.3 79.4 119.2
167 19.9 11.3 16.9#



#15
Phenanthrene
Concen: 19.862 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. 0.008 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:178 Resp: 1332553
Ion Ratio Lower Upper
178 100
179 21.4 12.9 19.3#
176 21.0 16.9 25.3

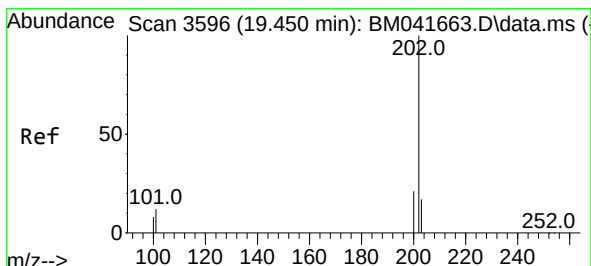
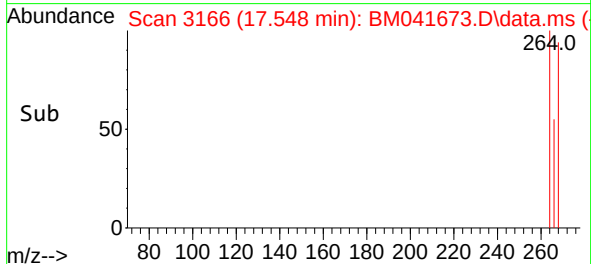
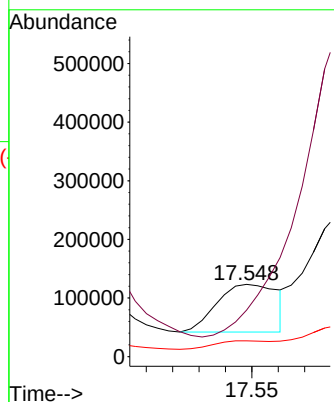
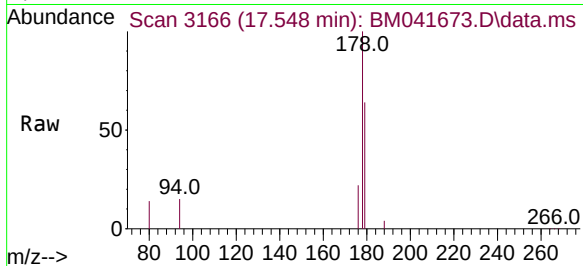




#16
 Anthracene
 Concen: 2.270 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.013 min
 Lab File: BM041673.D
 Acq: 07 Sep 2023 00:11

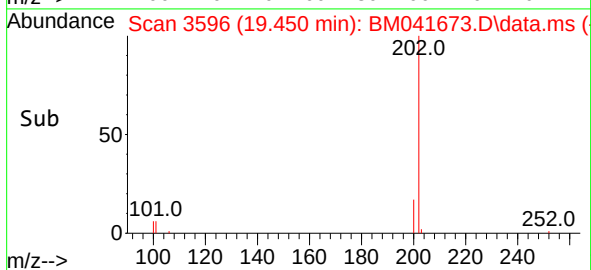
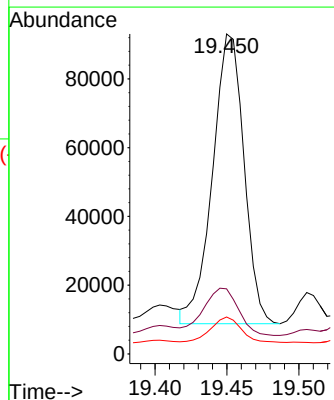
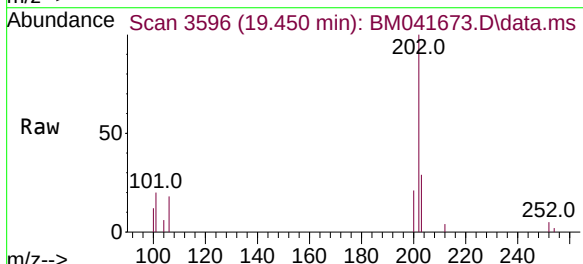
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 BNA_M
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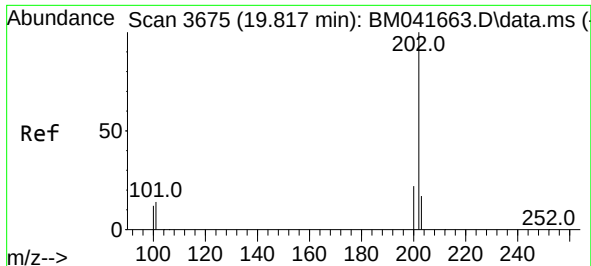
Tgt Ion:178 Resp: 130523
 Ion Ratio Lower Upper
 178 100
 179 64.4 12.9 19.3#
 176 21.8 15.8 23.8



#19
 Fluoranthene
 Concen: 1.140 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. -0.000 min
 Lab File: BM041673.D
 Acq: 07 Sep 2023 00:11

Tgt Ion:202 Resp: 128146
 Ion Ratio Lower Upper
 202 100
 101 20.3 10.5 15.7#
 100 11.5 8.4 12.6

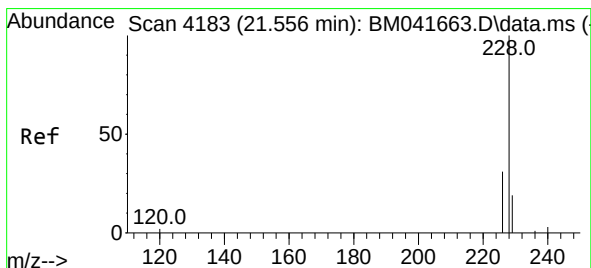
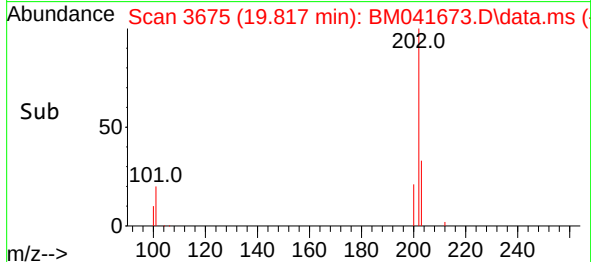
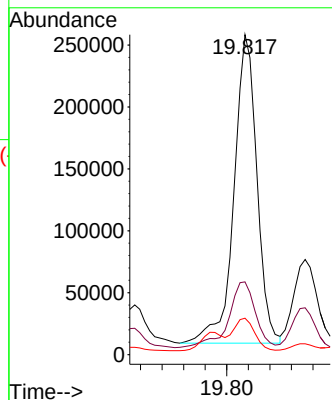
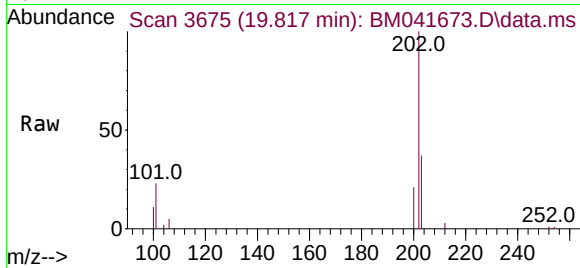




#20
Pyrene
Concen: 3.297 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

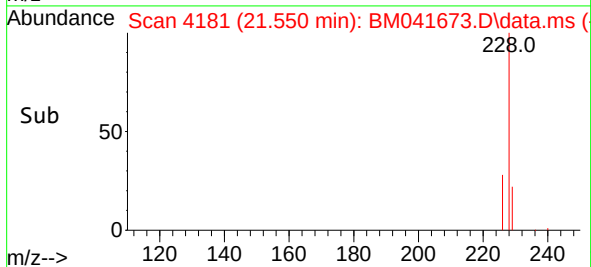
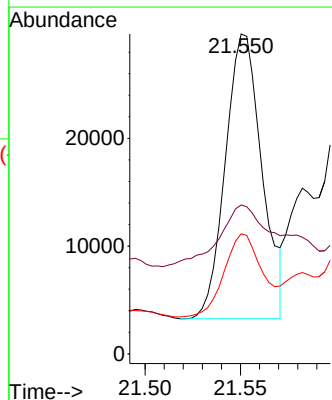
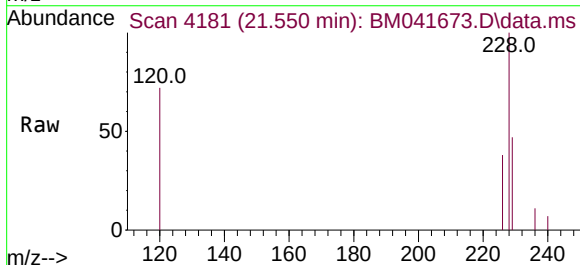
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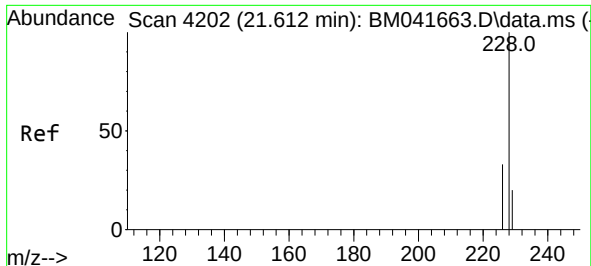
Tgt Ion:202 Resp: 368153
Ion Ratio Lower Upper
202 100
101 22.7 11.8 17.8#
100 11.4 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

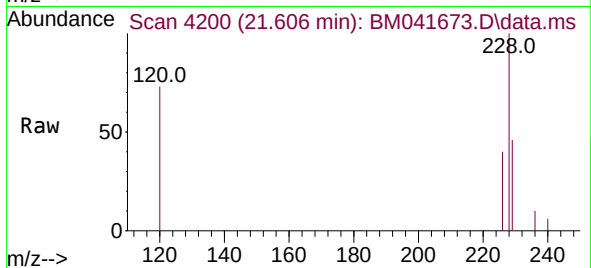
Tgt Ion:228 Resp: 35268
Ion Ratio Lower Upper
228 100
229 46.5 15.8 23.6#
226 37.5 24.8 37.2#



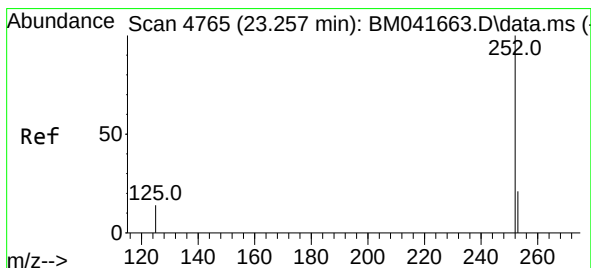
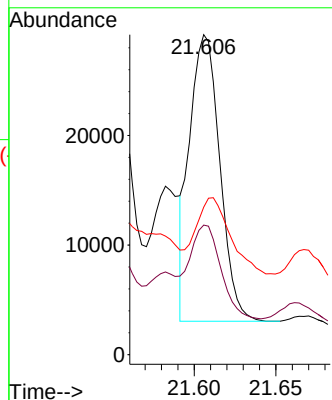
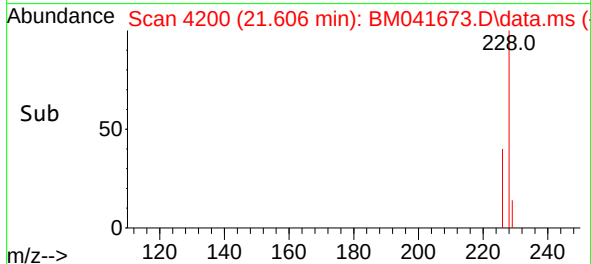


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Instrument :
BNA_M
ClientSampleId :
EZYJ2

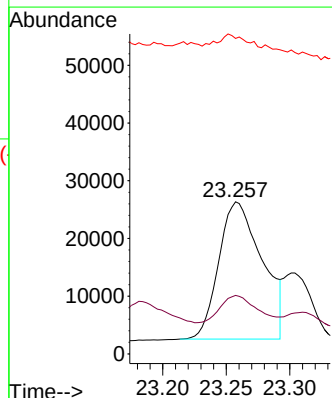
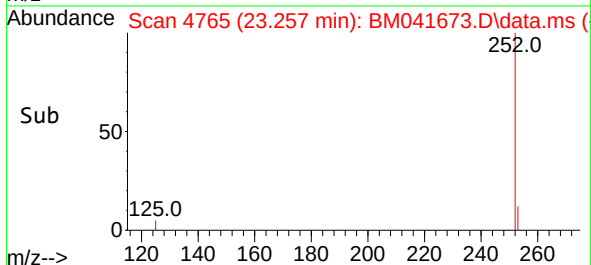
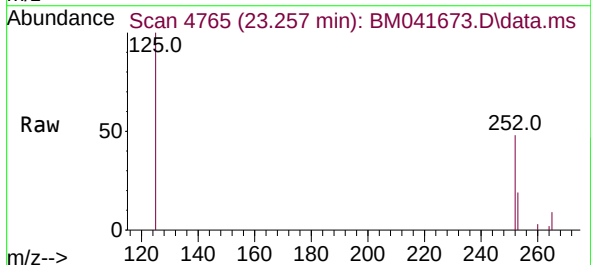


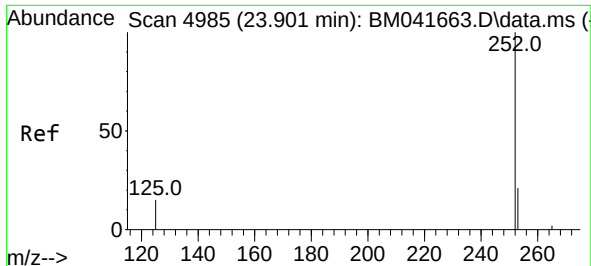
Tgt Ion:228 Resp: 33626
Ion Ratio Lower Upper
228 100
226 40.5 27.0 40.6
229 46.1 15.4 23.2#



#24
Benzo(b)fluoranthene
Concen: 0.568 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. 0.006 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:252 Resp: 56684
Ion Ratio Lower Upper
252 100
253 38.5 0.0 52.4
125 207.4 0.0 42.8#

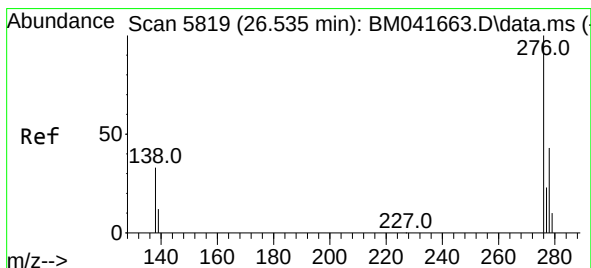
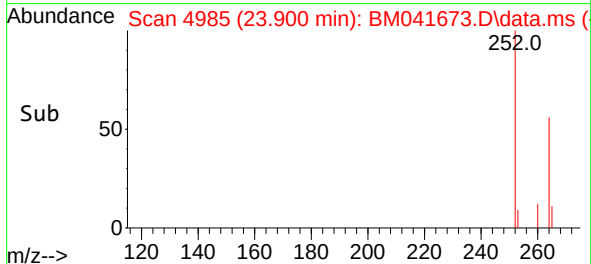
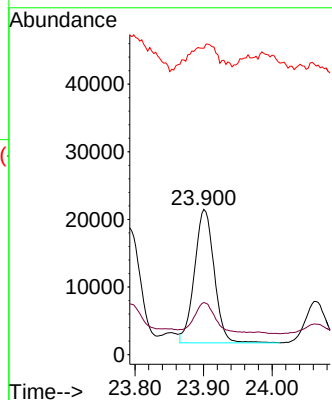
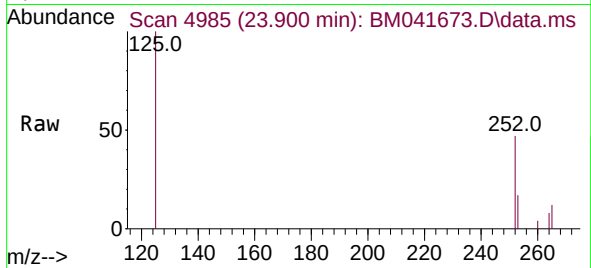




#26
Benzo(a)pyrene
Concen: 0.486 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. 0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

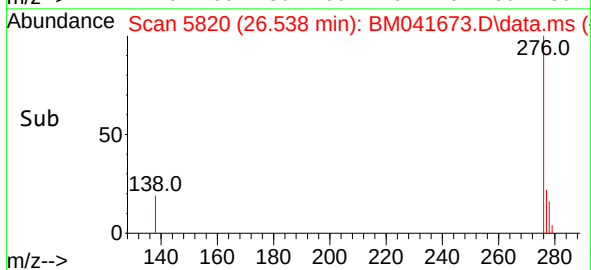
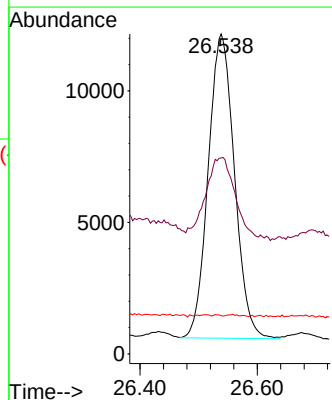
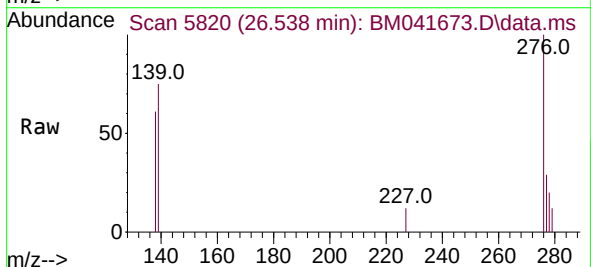
Instrument :
BNA_M
ClientSampleId :
EZYJ2

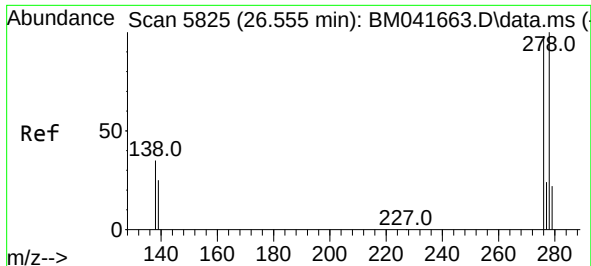
Tgt Ion:252 Resp: 39432
Ion Ratio Lower Upper
252 100
253 35.9 22.4 33.6#
125 210.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. 0.007 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:276 Resp: 35909
Ion Ratio Lower Upper
276 100
138 30.7 26.4 39.6
227 0.2 0.1 0.1#

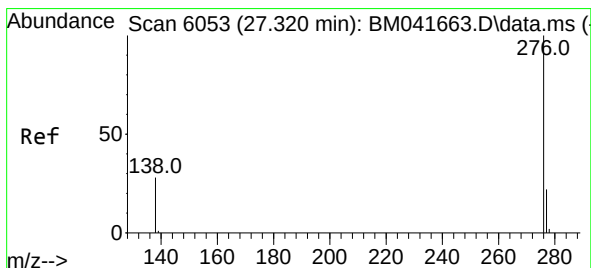
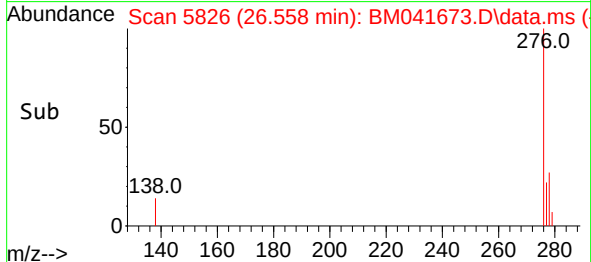
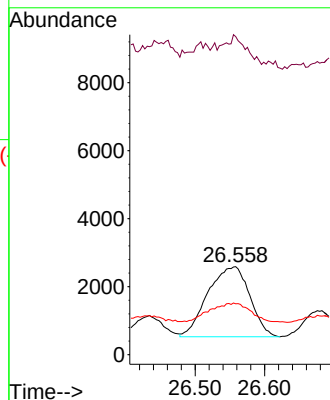
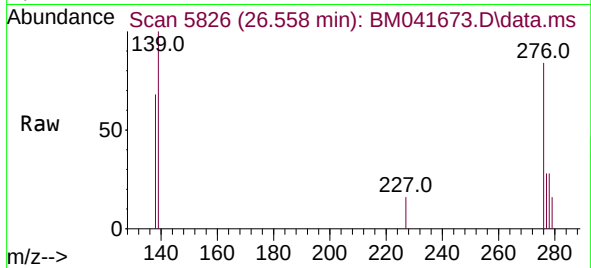




#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.007 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Instrument :
BNA_M
ClientSampleId :
EZYJ2

Tgt Ion:278 Resp: 8644
Ion Ratio Lower Upper
278 100
139 361.5 23.0 34.6#
279 57.9 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.326 min Scan# 6055
Delta R.T. 0.010 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

Tgt Ion:276 Resp: 35115
Ion Ratio Lower Upper
276 100
138 59.1 25.0 37.4#
277 29.6 20.2 30.2

