

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037052.D
 Acq On : 14 Oct 2022 13:06
 Operator : CG/JU
 Sample : N4980-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8Z2

Quant Time: Oct 14 23:02:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

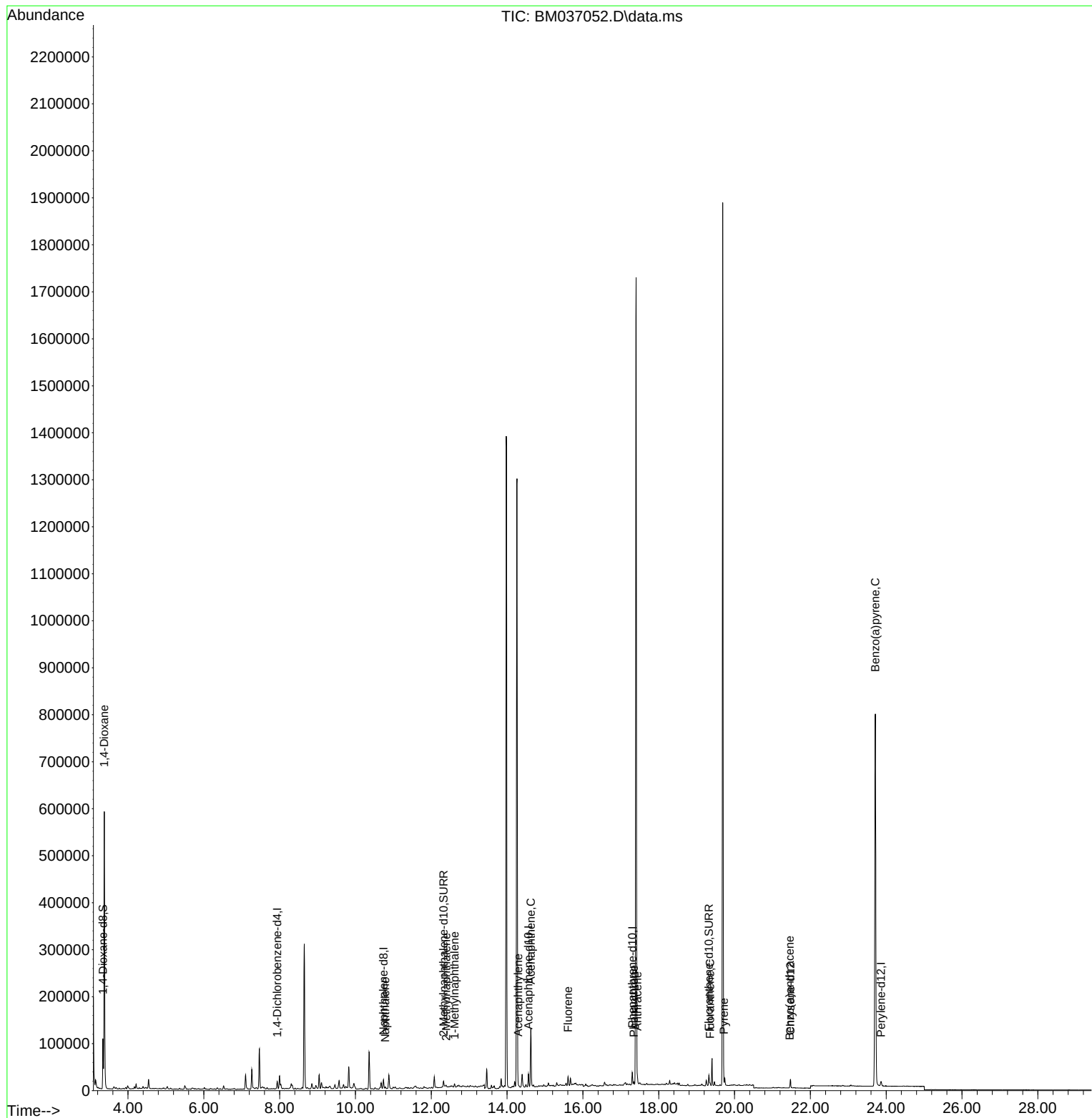
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	7151	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	25830	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.561	164	16486	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	28718	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	15708	0.400	ng/ul #	0.00
23) Perylene-d12	23.864	264	13901	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	62781	6.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	12631	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	21861	0.465	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	378149	38.359	ng/ul#	74
5) Naphthalene	10.787	128	4755	0.064	ng/ul#	78
7) 2-Methylnaphthalene	12.393	142	2243	0.050	ng/ul	86
8) 1-Methylnaphthalene	12.613	142	2863	0.062	ng/ul	97
10) Acenaphthylene	14.288	152	3063	0.045	ng/ul#	1
11) Acenaphthene	14.626	153	67533	1.136	ng/ul	98
12) Fluorene	15.607	166	11387	0.169	ng/ul#	93
15) Phenanthrene	17.343	178	7501	0.082	ng/ul#	59
16) Anthracene	17.436	178	13486	0.176	ng/ul#	76
19) Fluoranthene	19.354	202	2970	0.048	ng/ul#	1
20) Pyrene	19.716	202	2154	0.033	ng/ul#	13
21) Benzo(a)anthracene	21.459	228	2286	0.040	ng/ul#	45
26) Benzo(a)pyrene	23.709	252	4362	0.087	ng/ul#	36

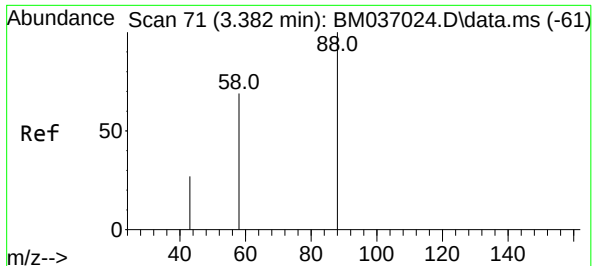
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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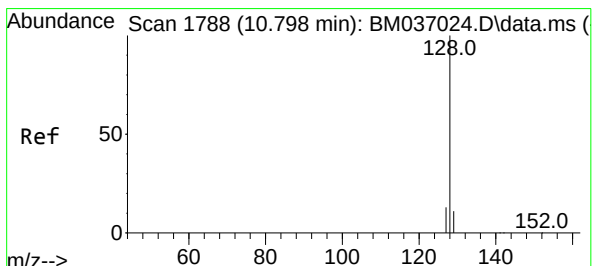
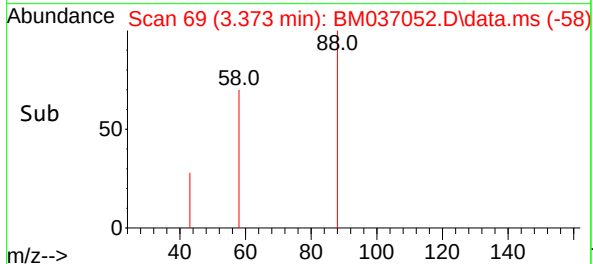
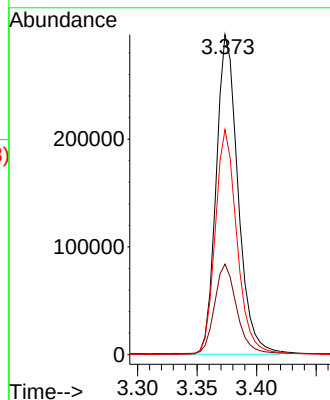
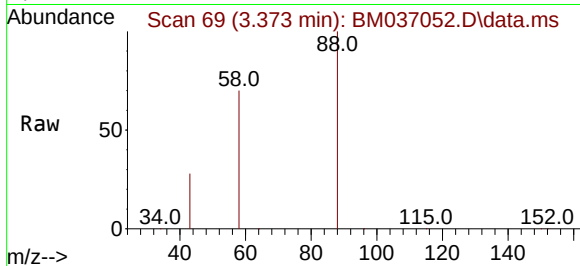




#2
1,4-Dioxane
Concen: 38.359 ng/ul
RT: 3.373 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

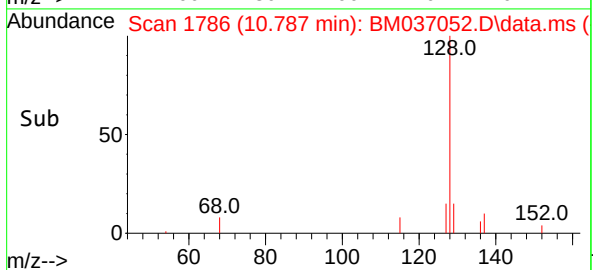
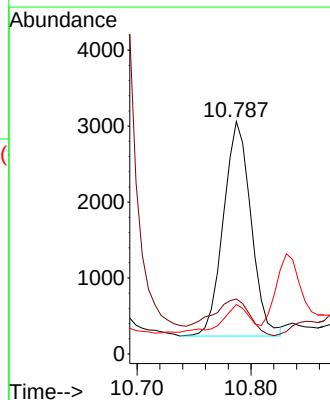
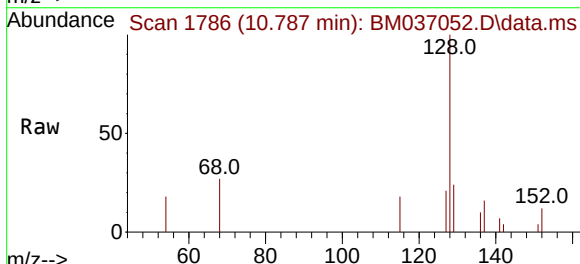
Instrument :
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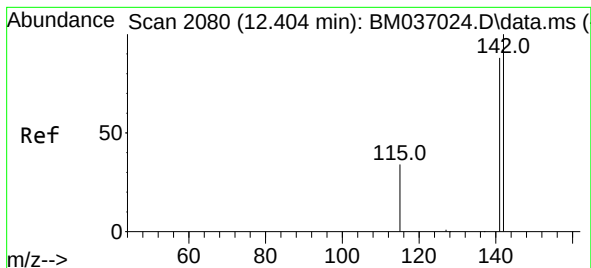
Tgt Ion: 88 Resp: 378149
Ion Ratio Lower Upper
88 100
43 28.3 37.8 56.6#
58 70.4 42.6 63.8#



#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

Tgt Ion: 128 Resp: 4755
Ion Ratio Lower Upper
128 100
129 23.7 10.2 15.2#
127 21.3 11.7 17.5#

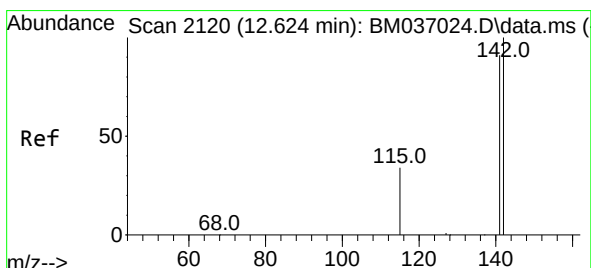
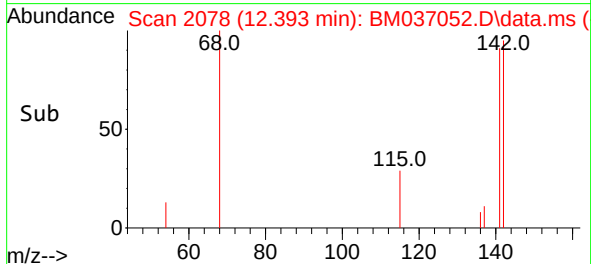
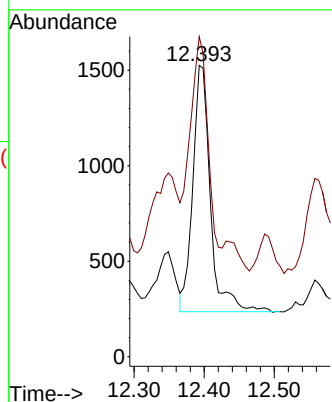
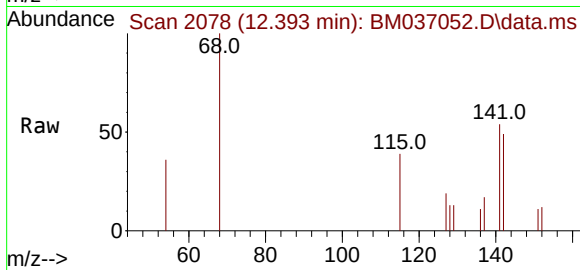




#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.393 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

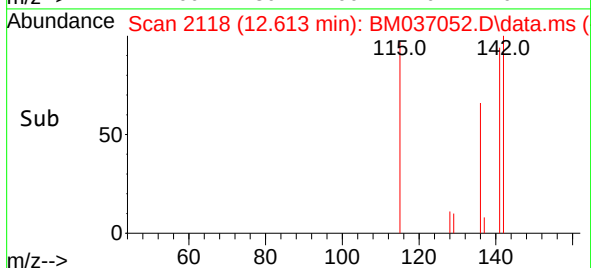
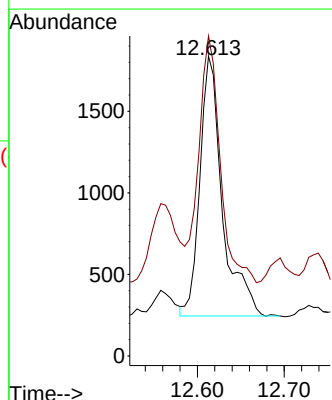
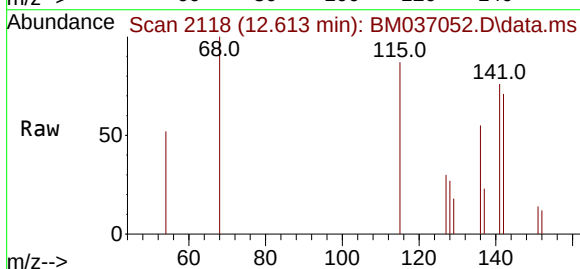
Instrument :
BNA_M
ClientSampleId :
CB8Z2

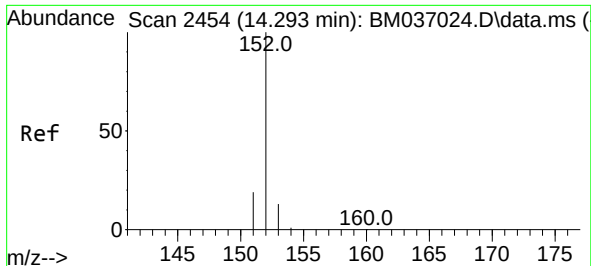
Tgt Ion:142 Resp: 2243
Ion Ratio Lower Upper
142 100
141 82.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

Tgt Ion:142 Resp: 2863
Ion Ratio Lower Upper
142 100
141 90.1 74.1 111.1

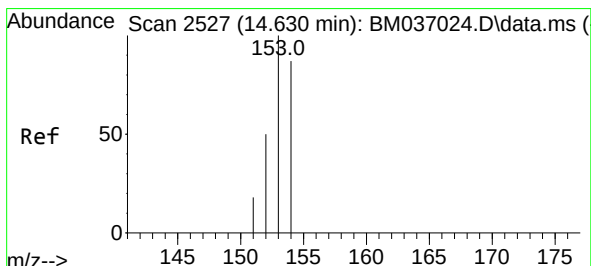
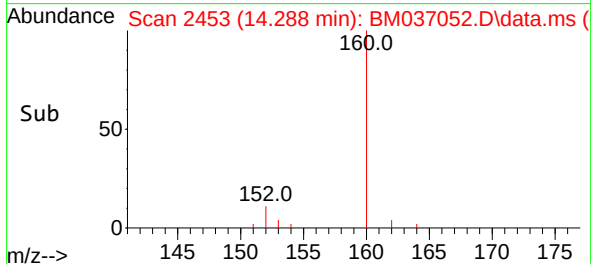
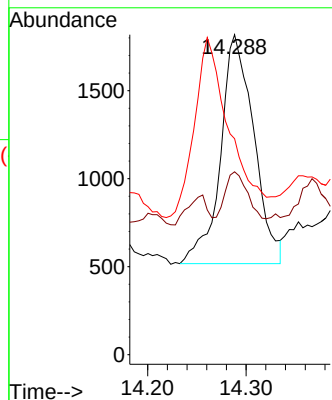
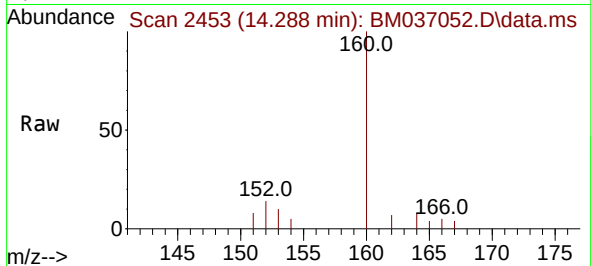




#10
Acenaphthylene
Concen: 0.045 ng/u1
RT: 14.288 min Scan# 2453
Delta R.T. 0.004 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

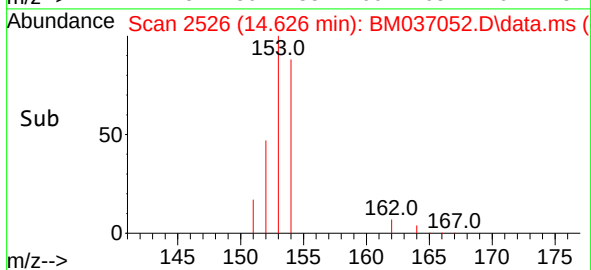
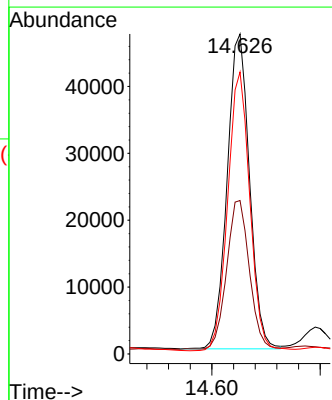
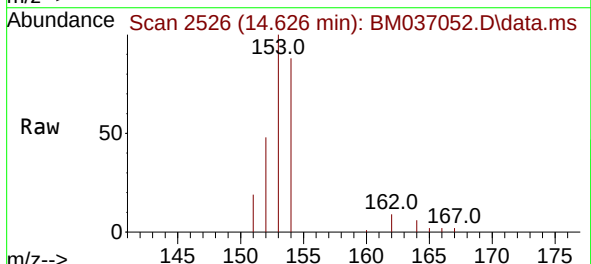
Instrument :
BNA_M
ClientSampleId :
CB8Z2

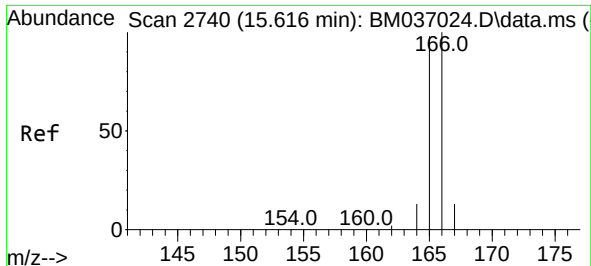
Tgt Ion:152 Resp: 3063
Ion Ratio Lower Upper
152 100
151 57.2 16.6 24.8#
153 67.5 11.4 17.0#



#11
Acenaphthene
Concen: 1.136 ng/u1
RT: 14.626 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

Tgt Ion:153 Resp: 67533
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 88.1 69.7 104.5

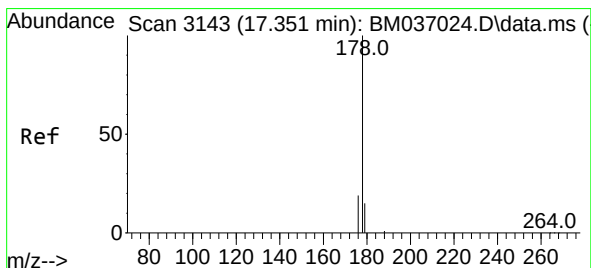
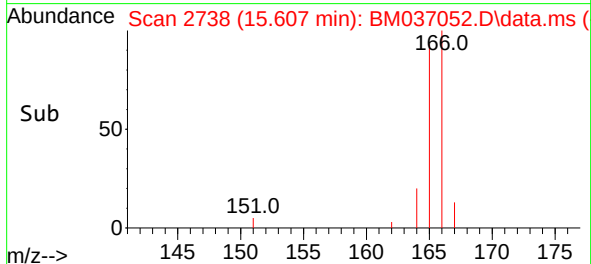
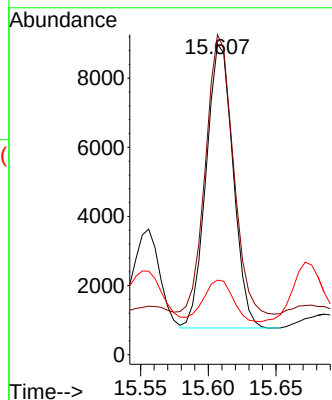
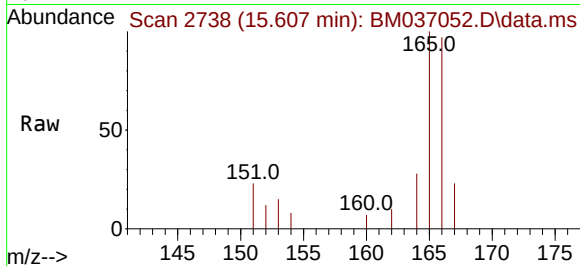




#12
Fluorene
Concen: 0.169 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

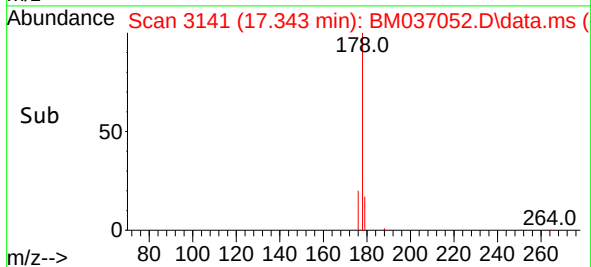
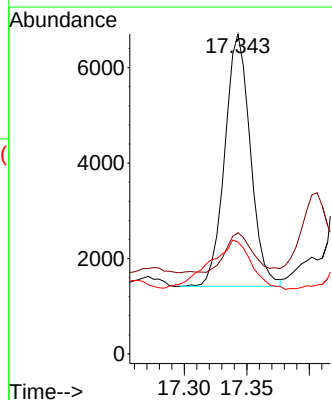
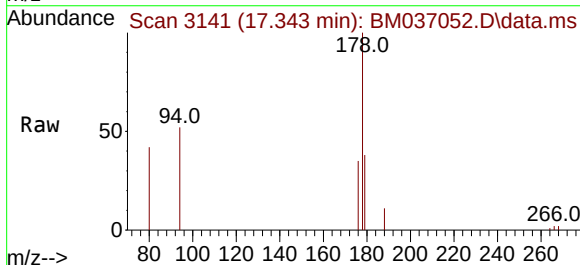
Instrument :
BNA_M
ClientSampleId :
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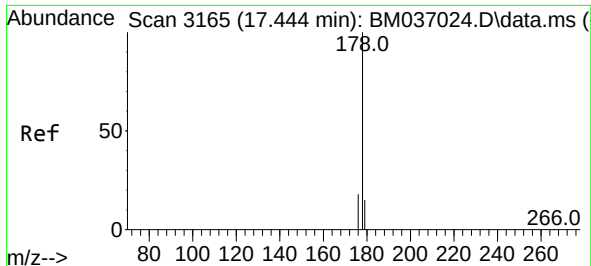
Tgt Ion:166 Resp: 11387
Ion Ratio Lower Upper
166 100
165 102.9 78.9 118.3
167 24.0 11.3 16.9#



#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

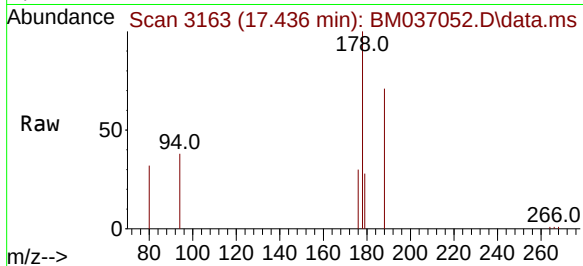
Tgt Ion:178 Resp: 7501
Ion Ratio Lower Upper
178 100
179 37.9 13.0 19.6#
176 34.9 15.6 23.4#



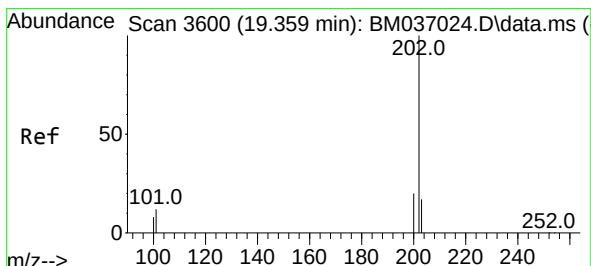
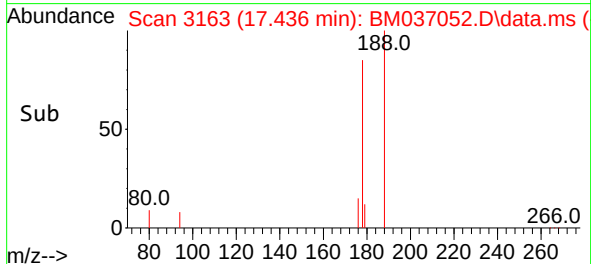
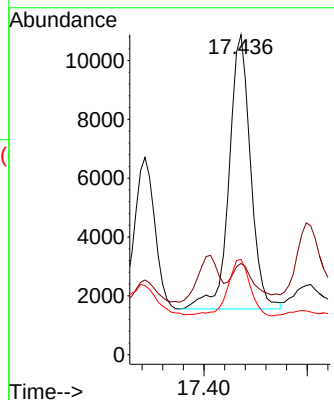


#16
 Anthracene
 Concen: 0.176 ng/ul
 RT: 17.436 min Scan# 3163
 Delta R.T. -0.001 min
 Lab File: BM037052.D
 Acq: 14 Oct 2022 13:06

Instrument :
 BNA_M
 ClientSampleId :
 CB8Z2

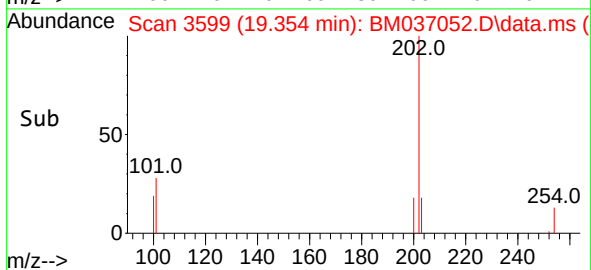
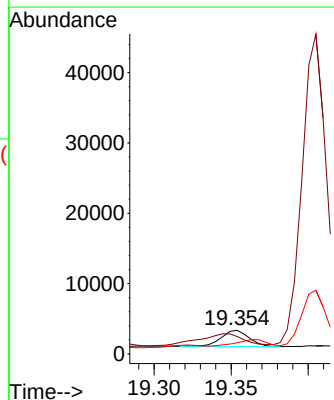
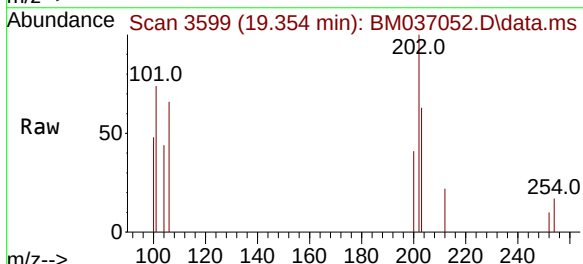


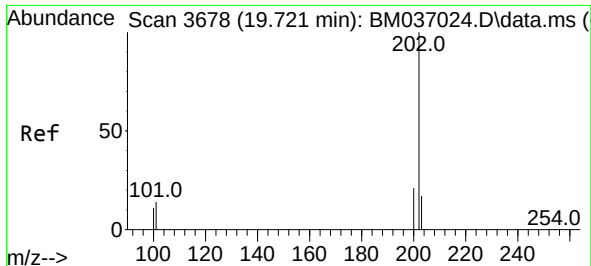
Tgt Ion:178 Resp: 13486
 Ion Ratio Lower Upper
 178 100
 179 28.5 13.6 20.4#
 176 29.8 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.048 ng/ul
 RT: 19.354 min Scan# 3599
 Delta R.T. -0.001 min
 Lab File: BM037052.D
 Acq: 14 Oct 2022 13:06

Tgt Ion:202 Resp: 2970
 Ion Ratio Lower Upper
 202 100
 101 73.6 10.1 15.1#
 100 47.6 7.9 11.9#

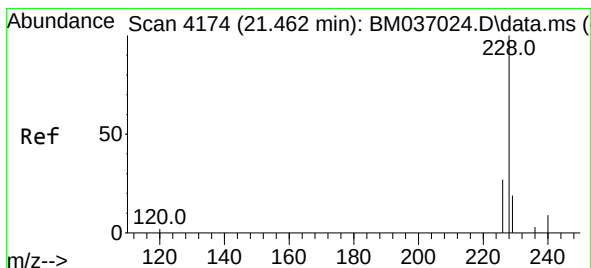
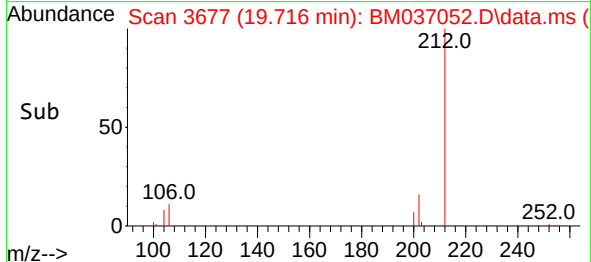
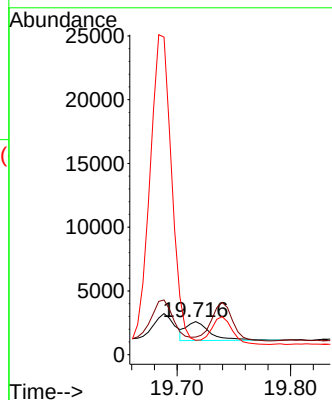
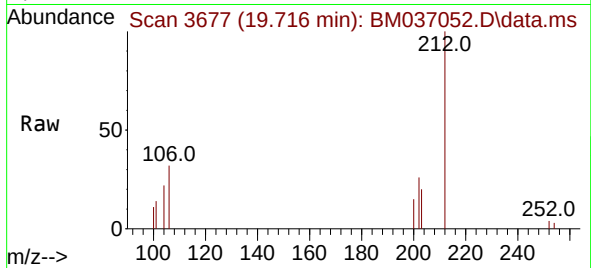




#20
Pyrene
Concen: 0.033 ng/ul
RT: 19.716 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

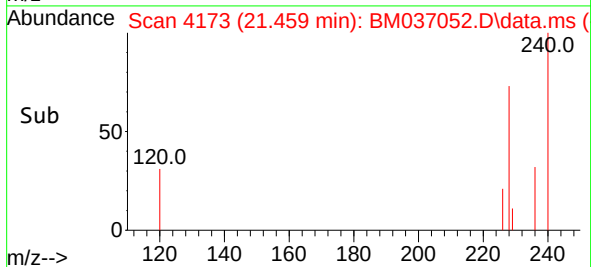
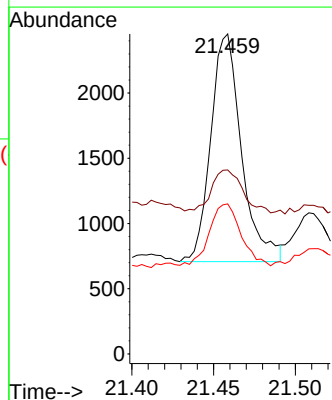
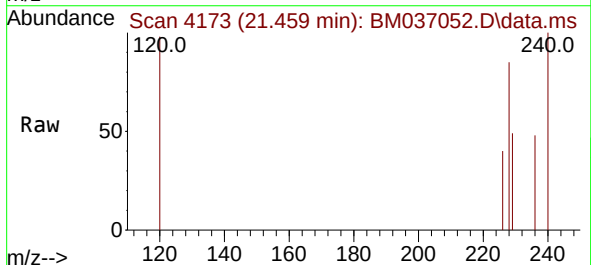
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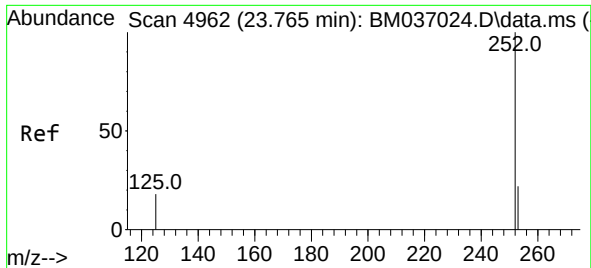
Tgt Ion:202 Resp: 2154
Ion Ratio Lower Upper
202 100
101 53.2 12.0 18.0#
100 43.5 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

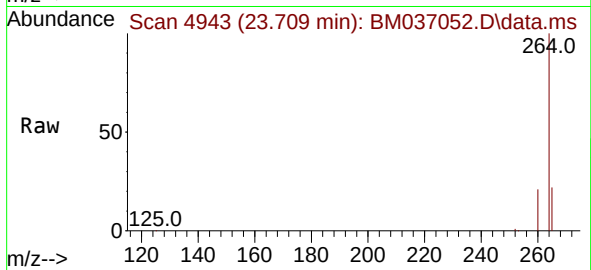
Tgt Ion:228 Resp: 2286
Ion Ratio Lower Upper
228 100
229 57.5 16.2 24.2#
226 46.9 22.5 33.7#





#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.049 min
Lab File: BM037052.D
Acq: 14 Oct 2022 13:06

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 4362
Ion Ratio Lower Upper
252 100
253 63.9 29.7 44.5#
125 77.3 23.6 35.4#

