

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040992.D
 Acq On : 20 Jul 2023 21:43
 Operator : MA/JU
 Sample : 03452-23MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Q0MSD

Quant Time: Jul 20 22:16:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

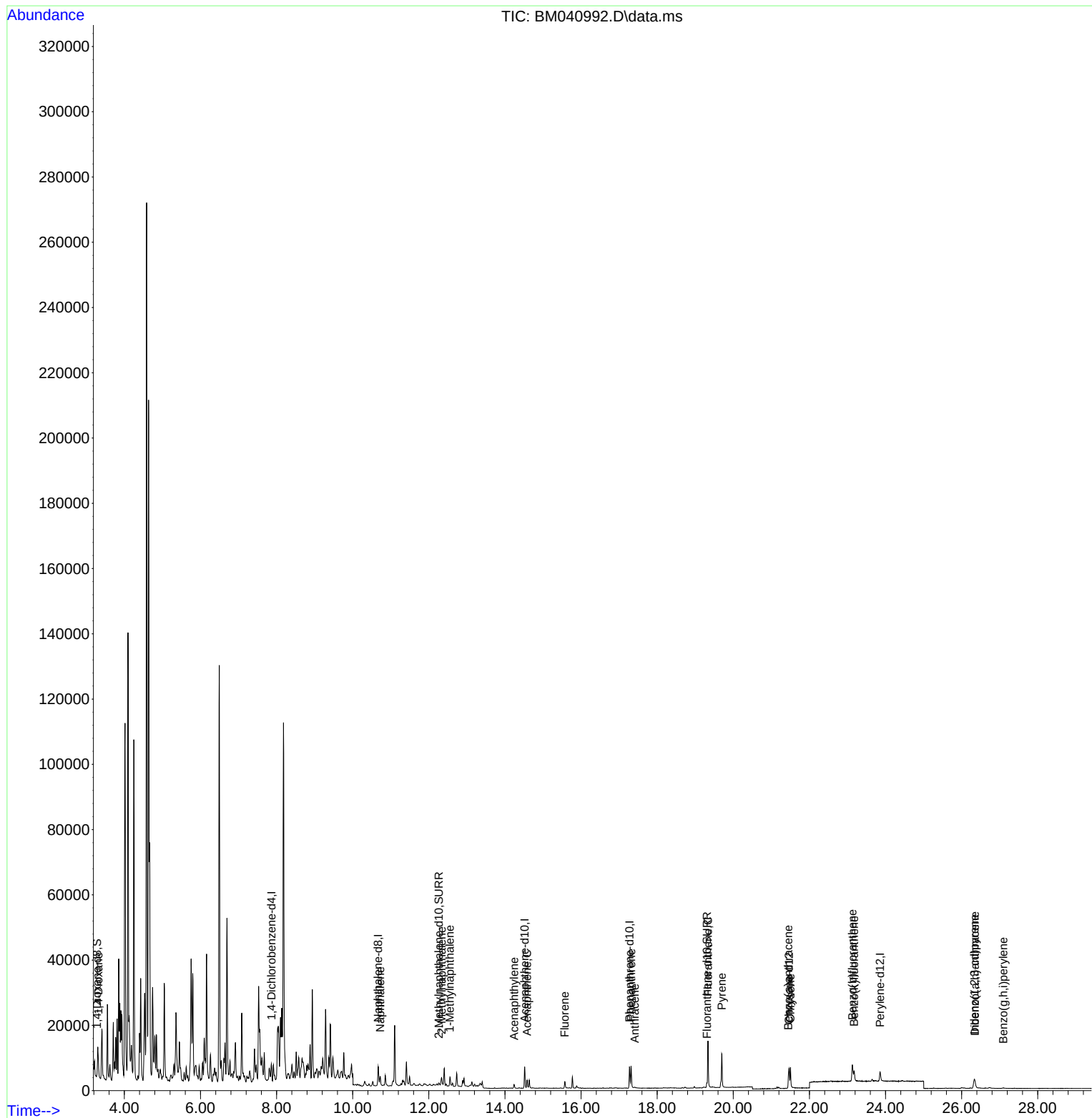
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	2518	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	8627	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	3742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	8377	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	4825	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	4372	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	605	0.146	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	1147	0.100	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	1632	0.080	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	2867	0.658	ng/ul#	1
5) Naphthalene	10.724	128	4241	0.180	ng/ul	96
7) 2-Methylnaphthalene	12.341	142	1476	0.114	ng/ul	97
8) 1-Methylnaphthalene	12.555	142	1619	0.118	ng/ul	98
10) Acenaphthylene	14.240	152	1526	0.097	ng/ul#	83
11) Acenaphthene	14.583	153	1615	0.117	ng/ul	98
12) Fluorene	15.573	166	1556	0.109	ng/ul#	96
15) Phenanthrene	17.316	178	7427	0.297	ng/ul	98
16) Anthracene	17.413	178	536	0.027	ng/ul#	52
19) Fluoranthene	19.334	202	12734	0.511	ng/ul	98
20) Pyrene	19.701	202	9360	0.368	ng/ul	99
21) Benzo(a)anthracene	21.448	228	3560	0.242	ng/ul	96
22) Chrysene	21.504	228	6321	0.376	ng/ul	97
24) Benzo(b)fluoranthene	23.129	252	8069	0.481	ng/ul	95
25) Benzo(k)fluoranthene	23.176	252	4210	0.264	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.334	276	4795	0.249	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.347	278	2539	0.175	ng/ul#	85
29) Benzo(g,h,i)perylene	27.095	276	417	0.023	ng/ul#	27

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

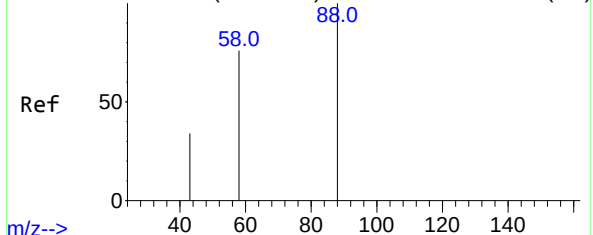
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040992.D
Acq On : 20 Jul 2023 21:43
Operator : MA/JU
Sample : 03452-23MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

Quant Time: Jul 20 22:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



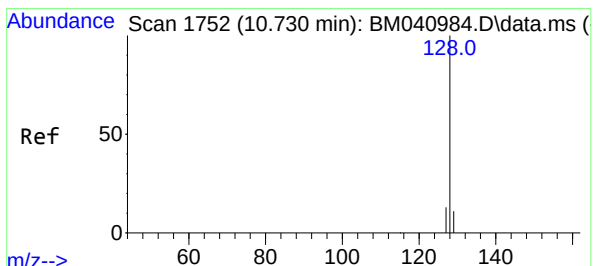
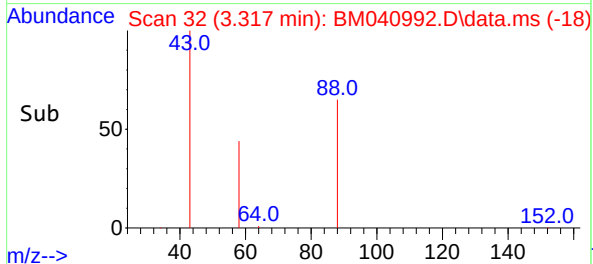
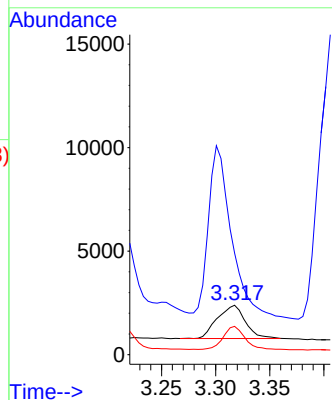
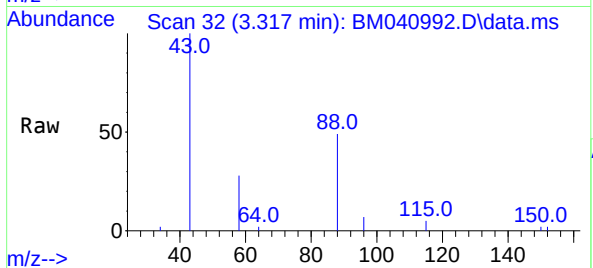
Abundance Scan 33 (3.322 min): BM040984.D\data.ms (-24)



#2
1,4-Dioxane
Concen: 0.658 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

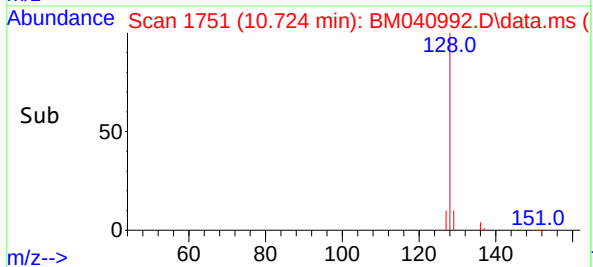
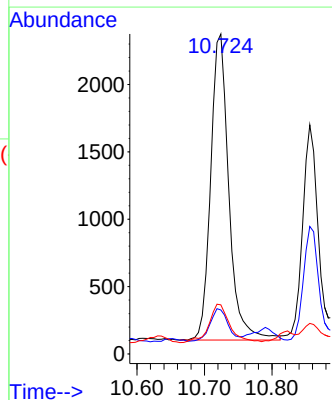
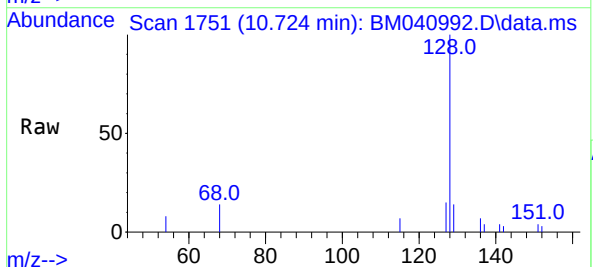
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

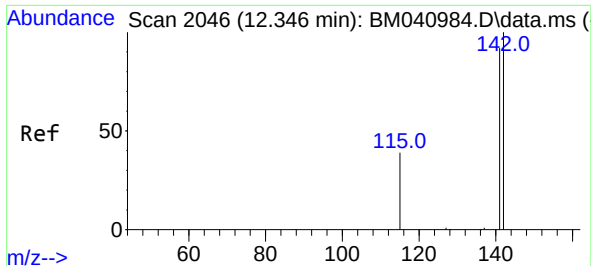
Tgt Ion: 88 Resp: 2867
Ion Ratio Lower Upper
88 100
43 205.2 46.7 70.1#
58 57.2 40.3 60.5



#5
Naphthalene
Concen: 0.180 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion: 128 Resp: 4241
Ion Ratio Lower Upper
128 100
129 13.8 9.8 14.8
127 15.4 11.0 16.4

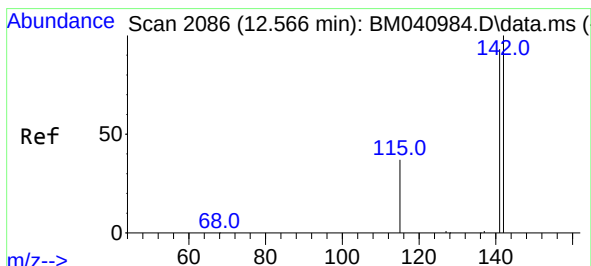
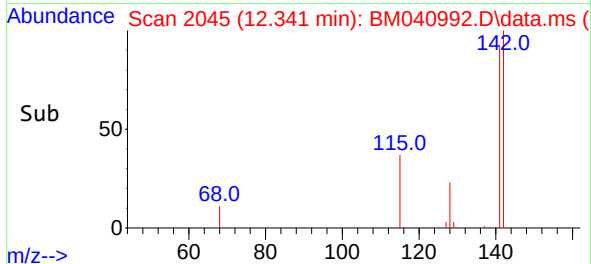
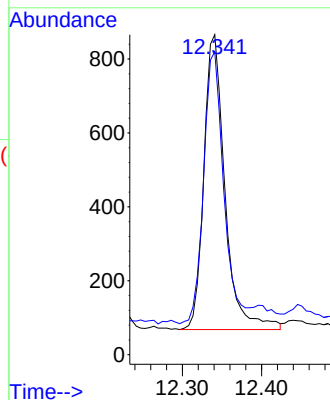
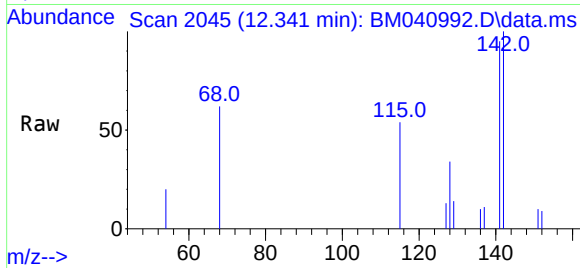




#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

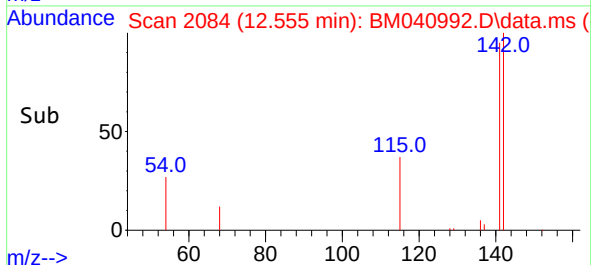
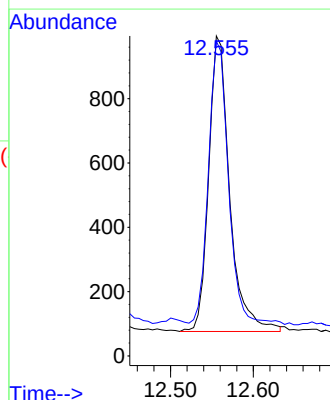
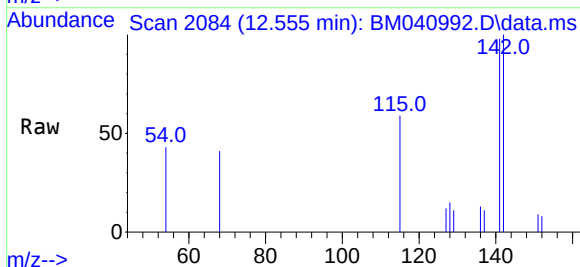
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

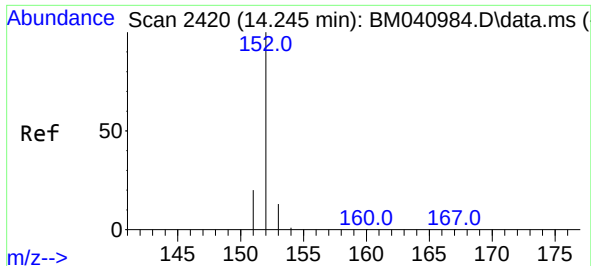
Tgt Ion:142 Resp: 1476
Ion Ratio Lower Upper
142 100
141 94.4 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.011 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:142 Resp: 1619
Ion Ratio Lower Upper
142 100
141 89.6 73.4 110.2

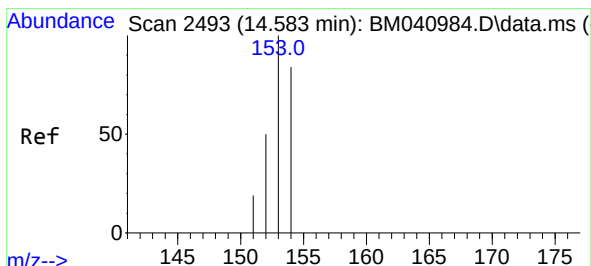
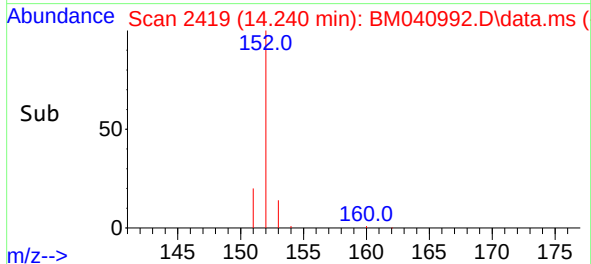
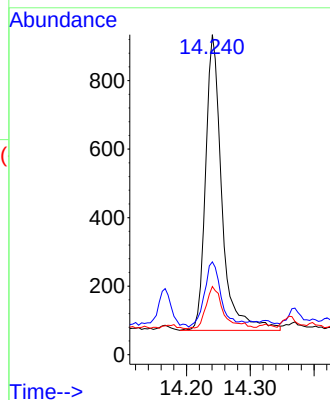
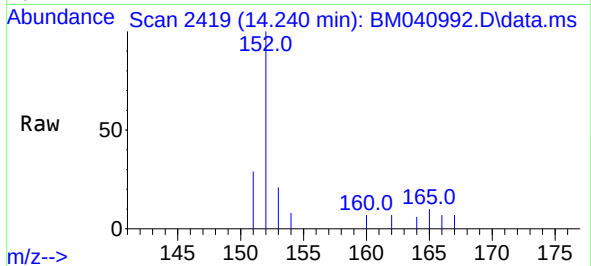




#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.240 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

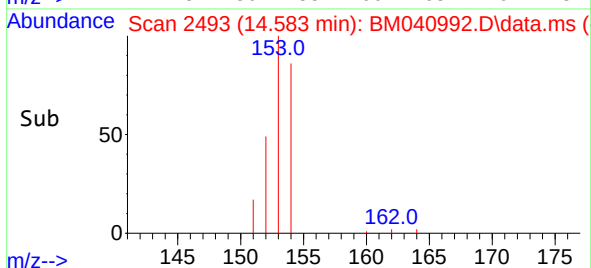
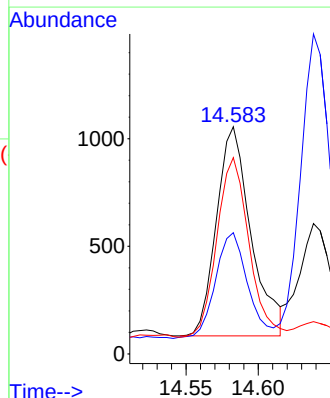
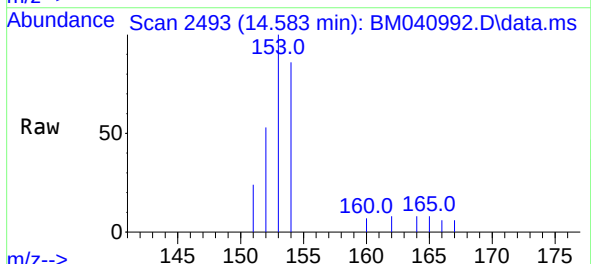
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

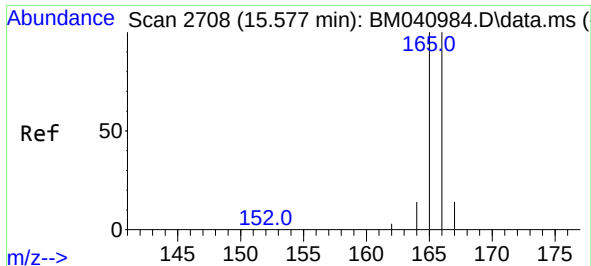
Tgt Ion:152 Resp: 1526
Ion Ratio Lower Upper
152 100
151 29.0 16.8 25.2#
153 21.3 11.6 17.4#



#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:153 Resp: 1615
Ion Ratio Lower Upper
153 100
152 53.3 41.0 61.6
154 86.4 68.2 102.2

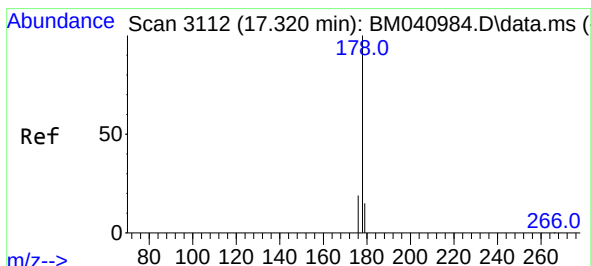
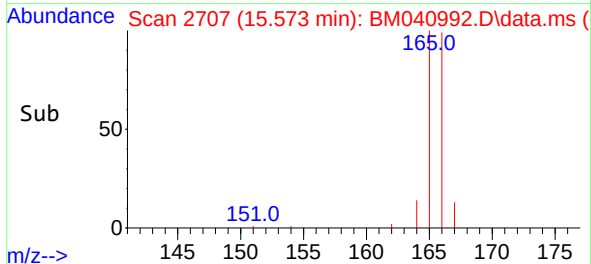
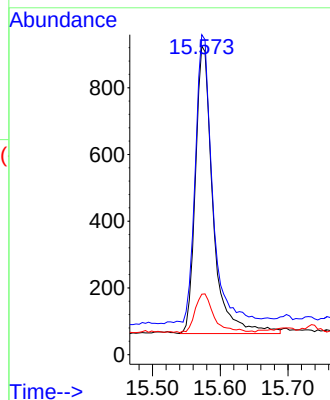
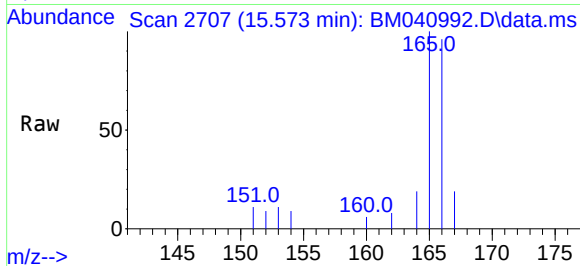




#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.573 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

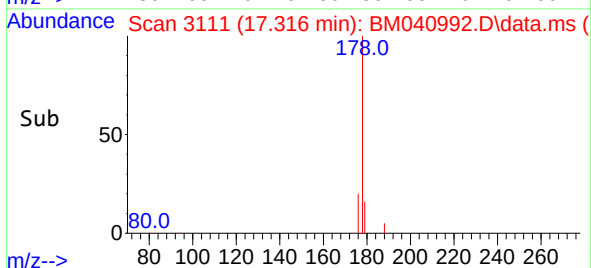
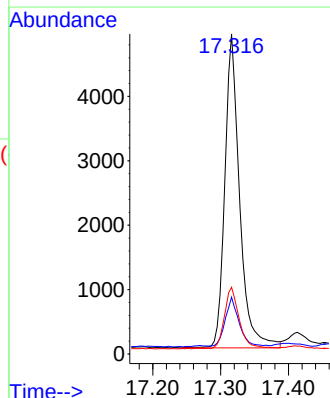
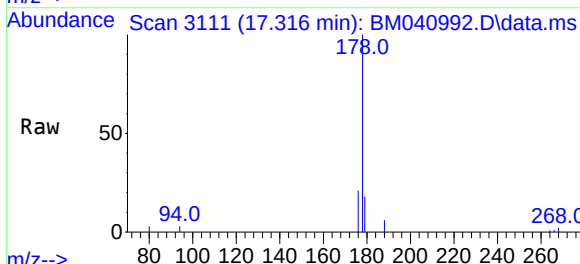
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

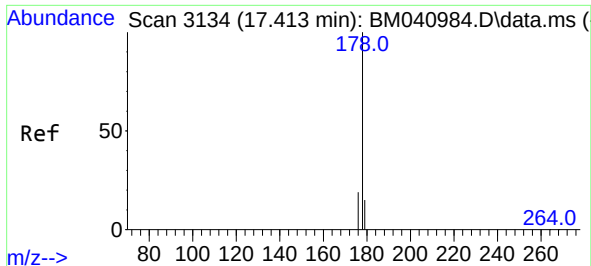
Tgt Ion:166 Resp: 1556
Ion Ratio Lower Upper
166 100
165 103.7 80.3 120.5
167 19.6 11.7 17.5#



#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

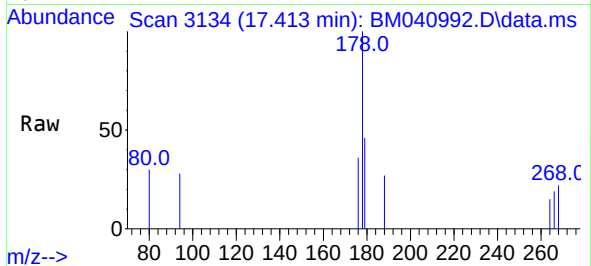
Tgt Ion:178 Resp: 7427
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.8 16.2 24.4



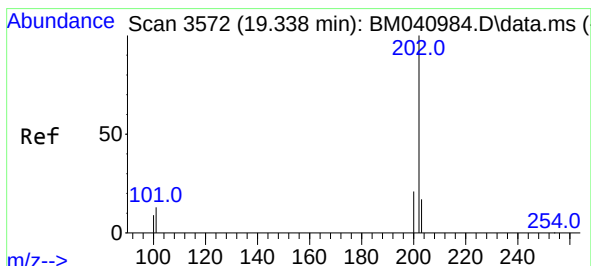
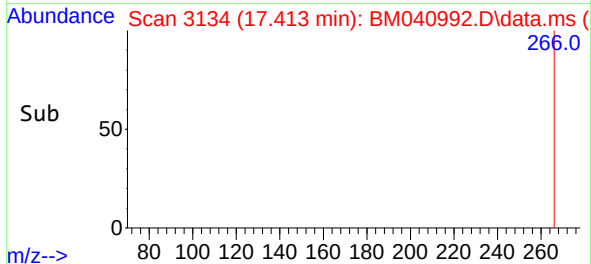
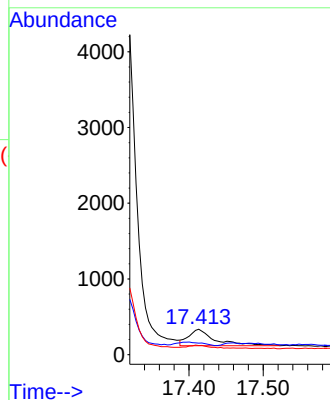


#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

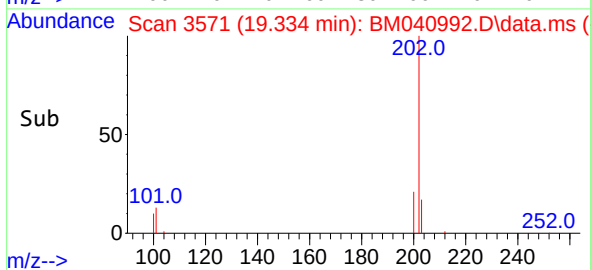
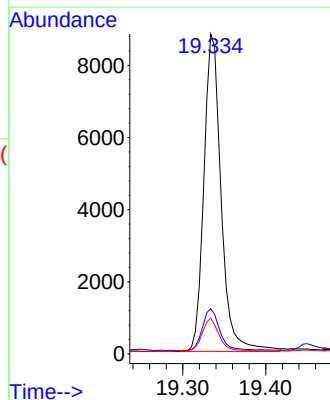
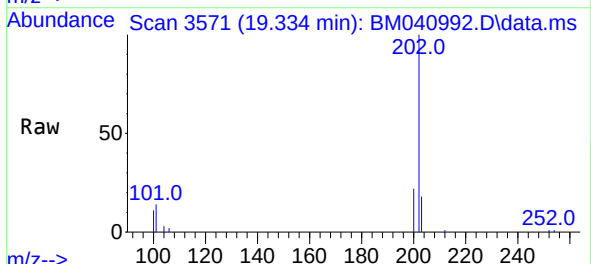


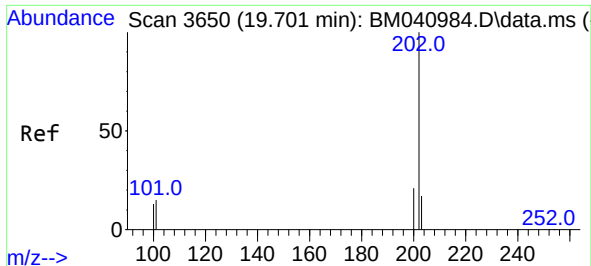
Tgt Ion:178 Resp: 536
Ion Ratio Lower Upper
178 100
179 45.7 13.7 20.5#
176 36.1 16.4 24.6#



#19
Fluoranthene
Concen: 0.511 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. -0.009 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:202 Resp: 12734
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.2 8.3 12.5

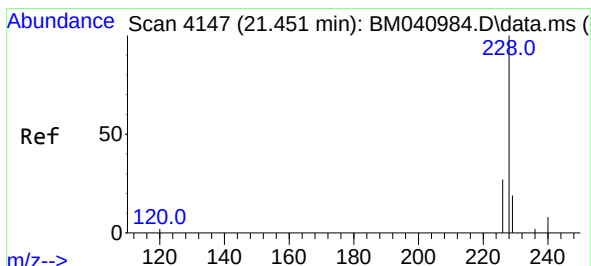
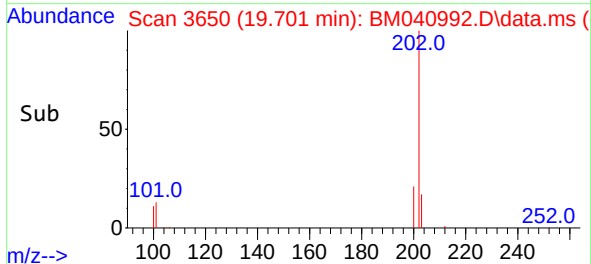
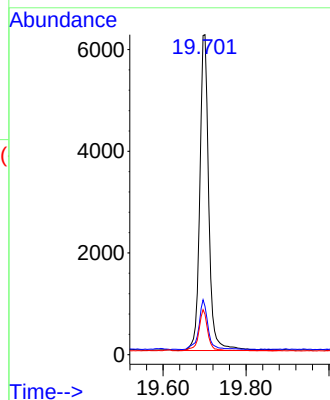
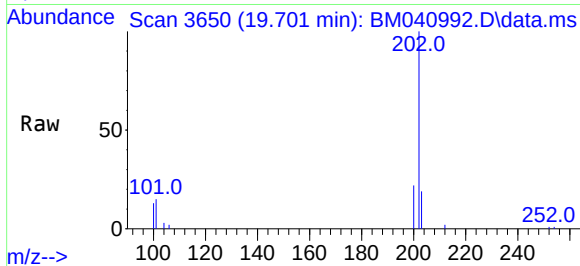




#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.701 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

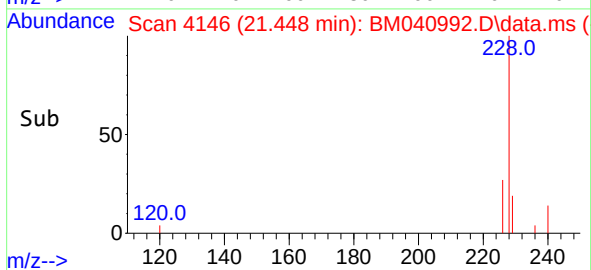
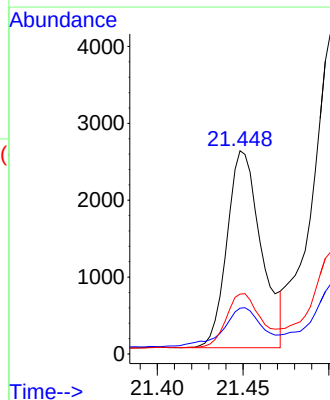
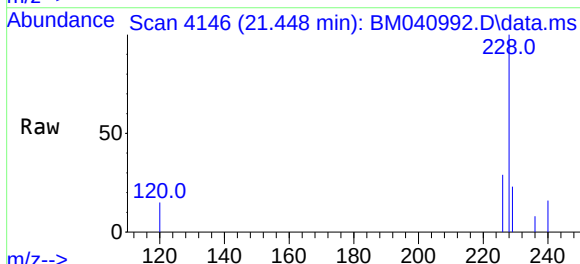
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

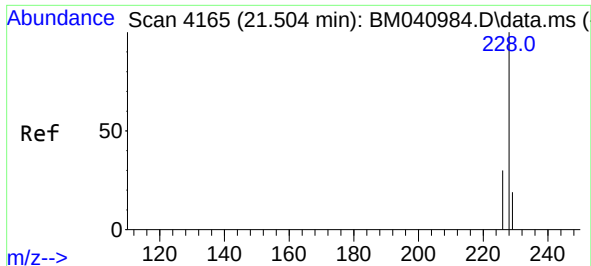
Tgt Ion:	202	Resp:	9360
Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.5	18.7
100	12.6	10.0	15.0



#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

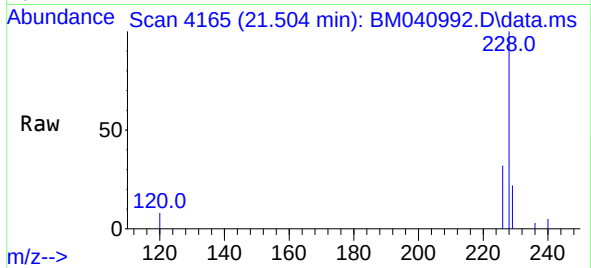
Tgt Ion:	228	Resp:	3560
Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.2	24.4
226	29.5	22.3	33.5





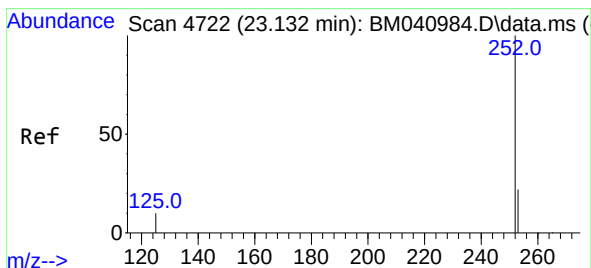
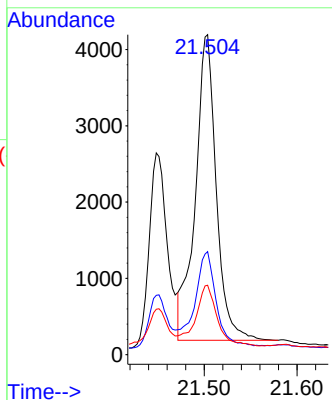
#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Instrument :
BNA_M
ClientSampleId :
A46Q0MSD



Tgt Ion:228 Resp: 6321

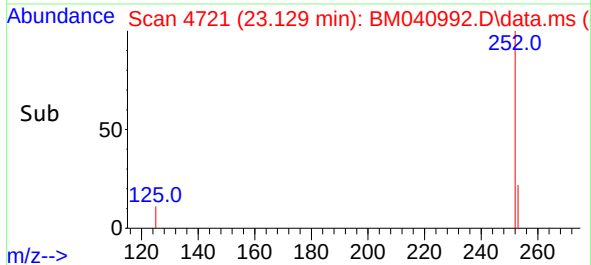
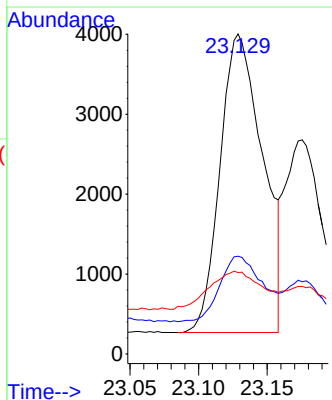
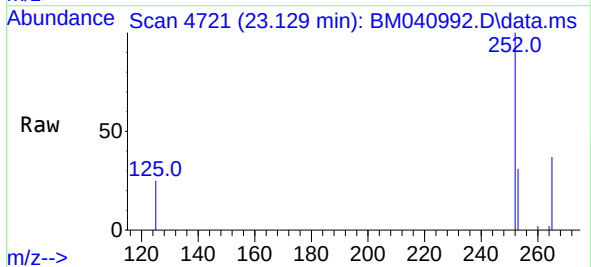
Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	21.7	16.1	24.1

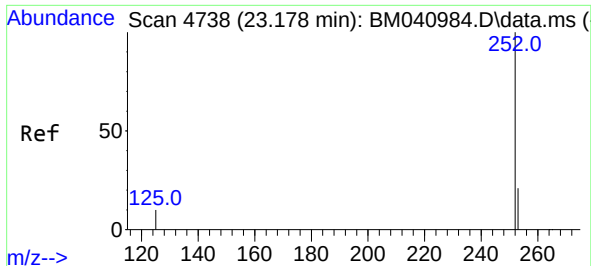


#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.006 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:252 Resp: 8069

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	57.4
125	25.5	0.0	45.2

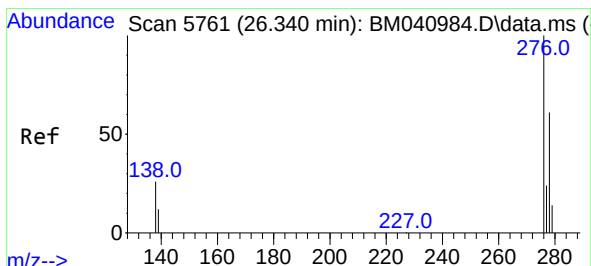
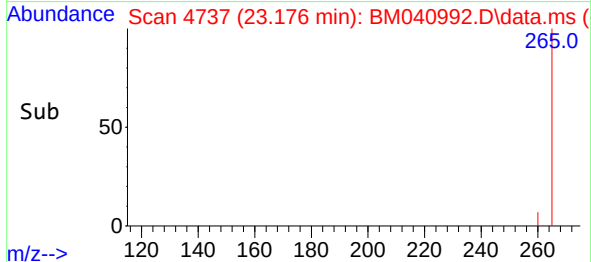
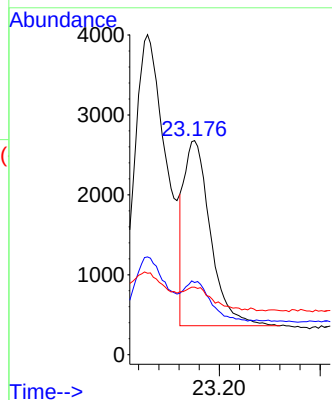
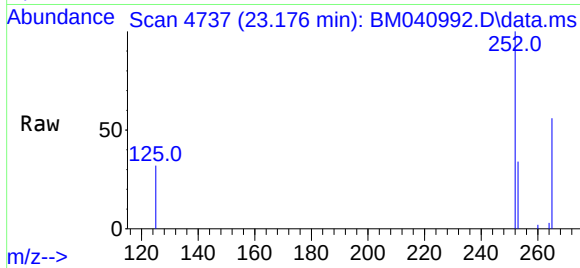




#25
Benzo(k)fluoranthene
Concen: 0.264 ng/ul
RT: 23.176 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

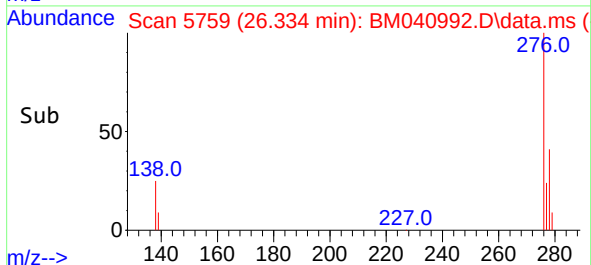
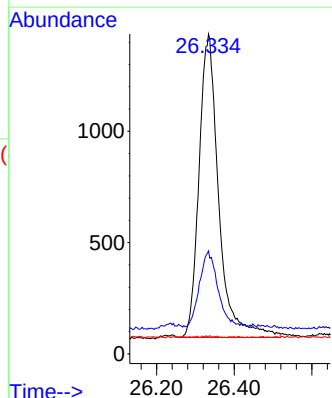
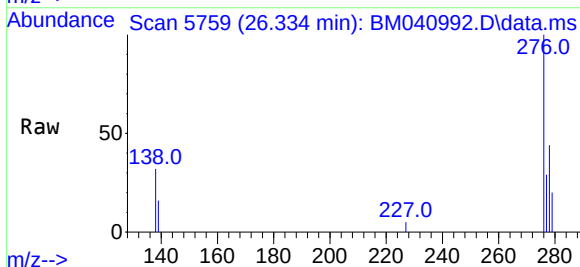
Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

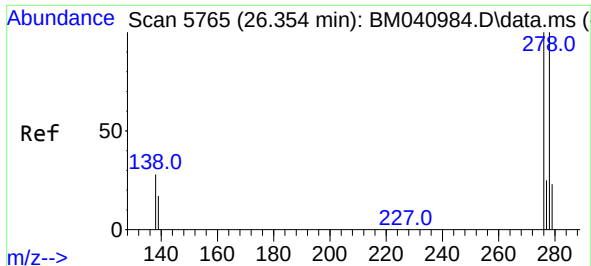
Tgt Ion:252 Resp: 4210
Ion Ratio Lower Upper
252 100
253 33.7 23.3 34.9
125 31.5 18.2 27.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:276 Resp: 4795
Ion Ratio Lower Upper
276 100
138 23.3 22.3 33.5
227 0.1 0.0 0.0#

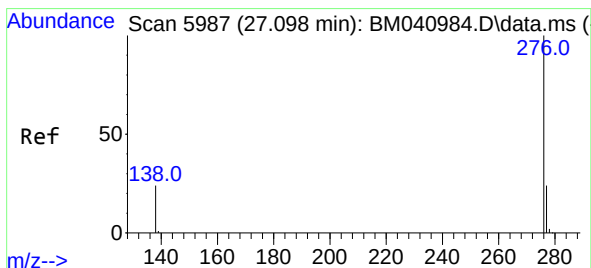
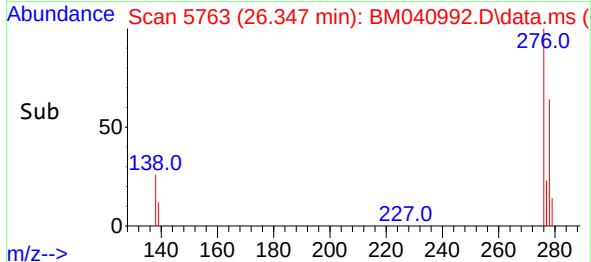
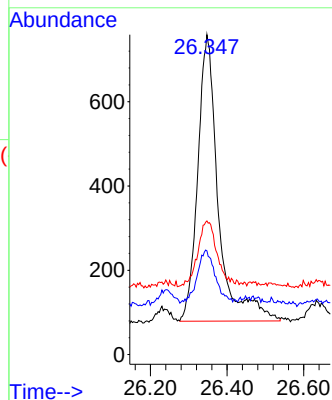
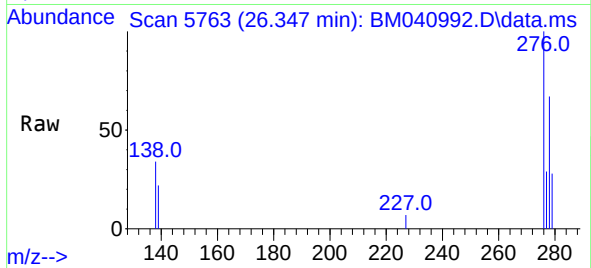




#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 26.347 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Instrument :
BNA_M
ClientSampleId :
A46Q0MSD

Tgt Ion:278 Resp: 2539
Ion Ratio Lower Upper
278 100
139 32.4 19.2 28.8#
279 41.8 27.0 40.6#



#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM040992.D
Acq: 20 Jul 2023 21:43

Tgt Ion:276 Resp: 417
Ion Ratio Lower Upper
276 100
138 73.0 22.6 34.0#
277 57.8 21.2 31.8#

