

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040859.D
 Acq On : 13 Jul 2023 21:09
 Operator : MA/JU
 Sample : 03418-22MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K6MS

Quant Time: Jul 14 03:17:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

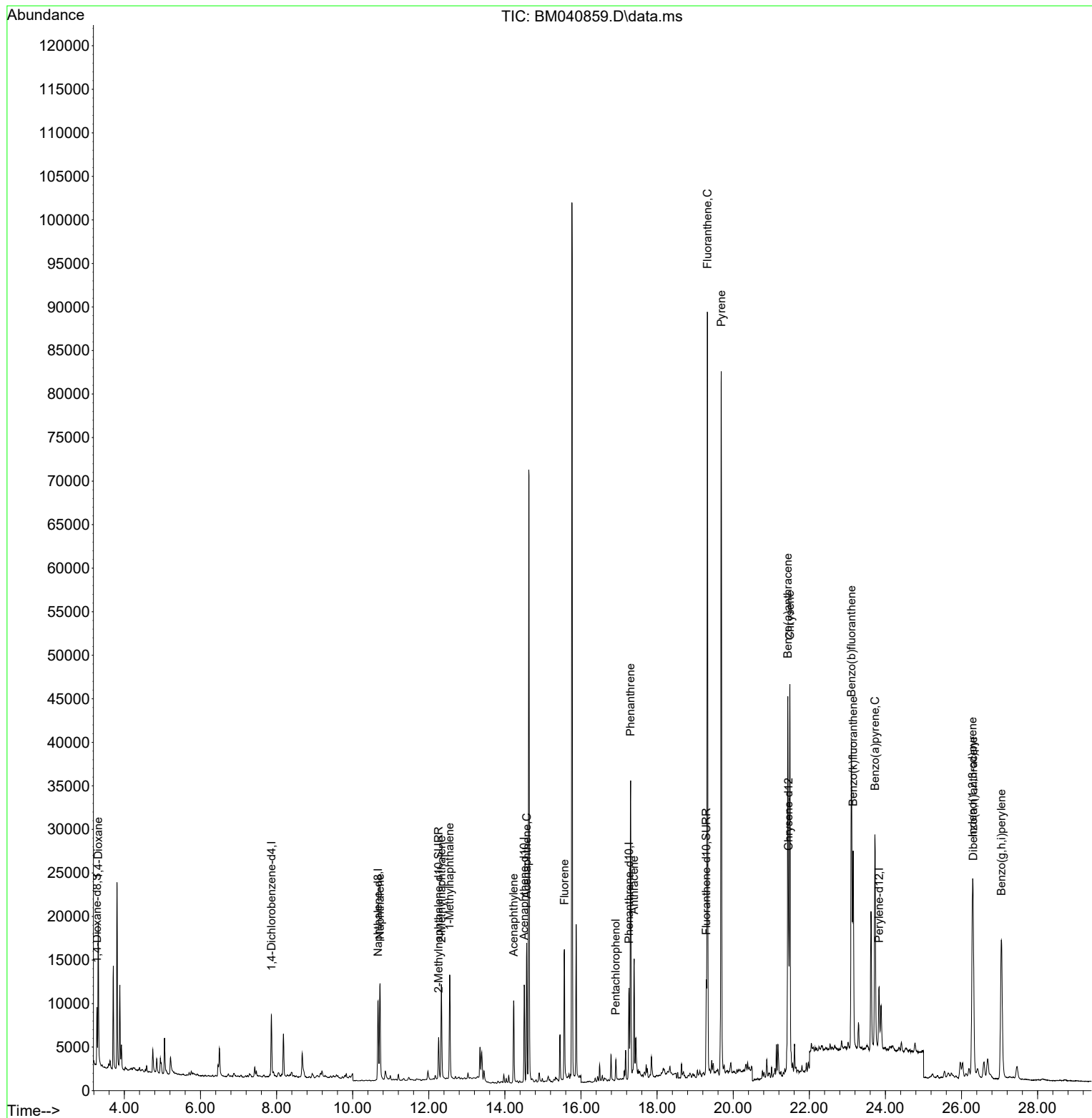
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	13437	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	6149	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	13272	0.400	ng/ul #	0.00
17) Chrysene-d12	21.451	240	9148	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	10112	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3622	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6650	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	11010	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	9345	1.510	ng/ul#	88
5) Naphthalene	10.719	128	16060	0.433	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	8157	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	8394	0.386	ng/ul	97
10) Acenaphthylene	14.231	152	11498	0.419	ng/ul	97
11) Acenaphthene	14.574	153	8955	0.386	ng/ul	98
12) Fluorene	15.564	166	9434	0.381	ng/ul	100
14) Pentachlorophenol	16.915	266	1670	0.653	ng/ul	93
15) Phenanthrene	17.303	178	35749	0.867	ng/ul	99
16) Anthracene	17.396	178	14215	0.410	ng/ul	98
19) Fluoranthene	19.325	202	72952	1.877	ng/ul	95
20) Pyrene	19.687	202	67333	1.616	ng/ul	97
21) Benzo(a)anthracene	21.434	228	36463	1.178	ng/ul	97
22) Chrysene	21.489	228	42874	1.215	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	54550	1.394	ng/ul	95
25) Benzo(k)fluoranthene	23.152	252	27286	0.708	ng/ul	99
26) Benzo(a)pyrene	23.725	252	36383	1.032	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.290	276	36629	0.746	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.307	278	17183	0.447	ng/ul	99
29) Benzo(g,h,i)perylene	27.048	276	35422	0.823	ng/ul	96

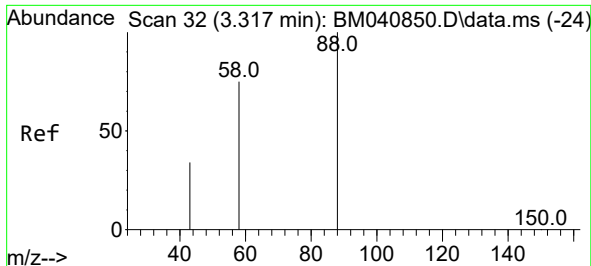
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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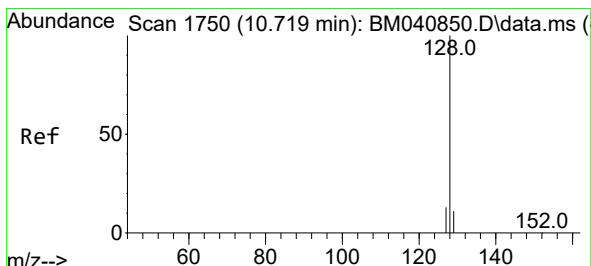
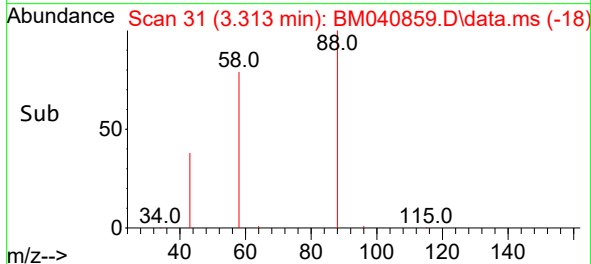
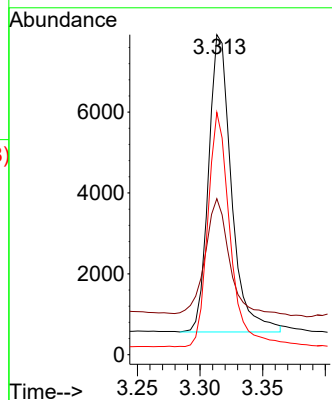
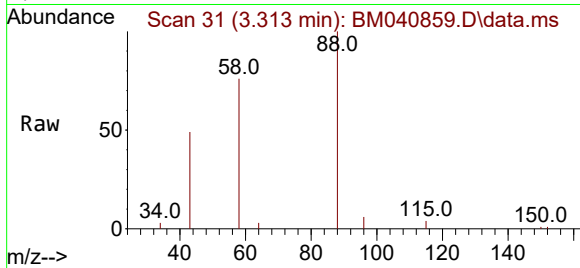




#2
1,4-Dioxane
Concen: 1.510 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

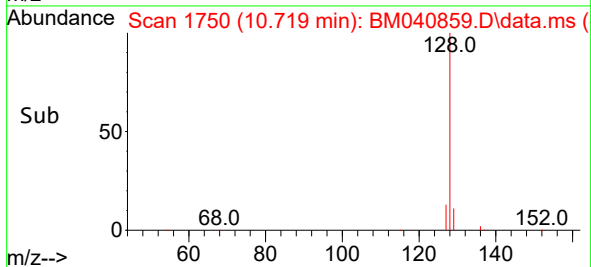
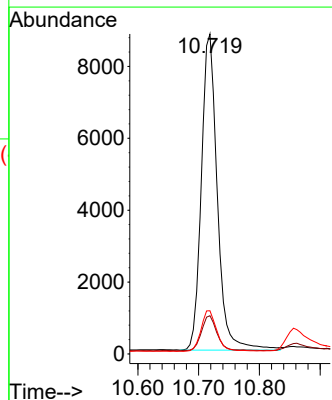
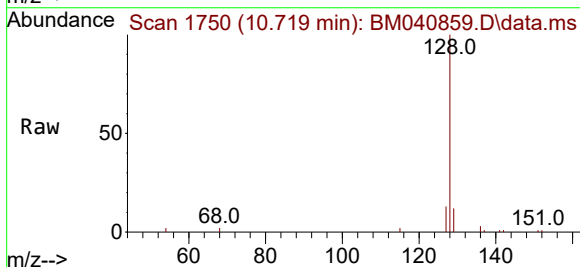
Instrument :
BNA_M
ClientSampleId :
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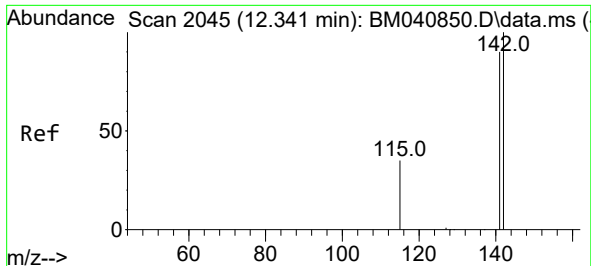
Tgt Ion: 88 Resp: 9345
Ion Ratio Lower Upper
88 100
43 48.7 36.1 54.1
58 75.7 49.8 74.8#



#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion: 128 Resp: 16060
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

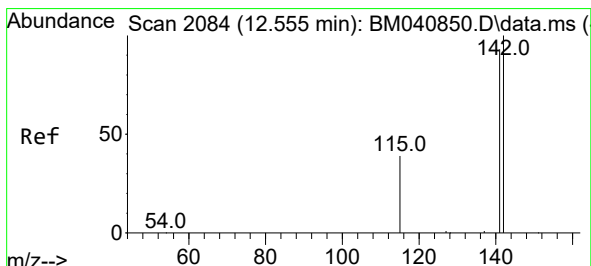
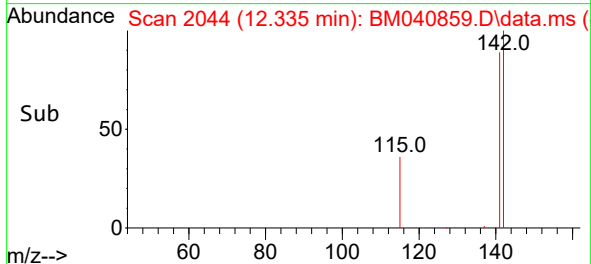
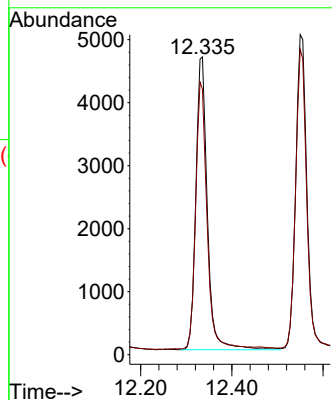
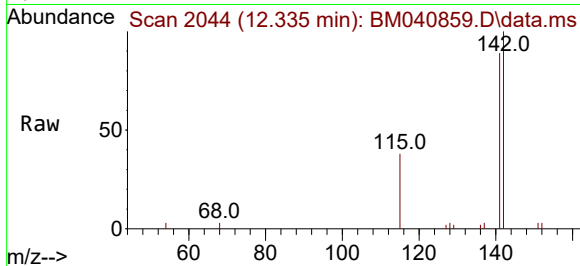




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

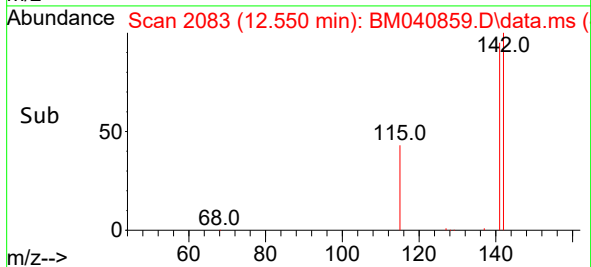
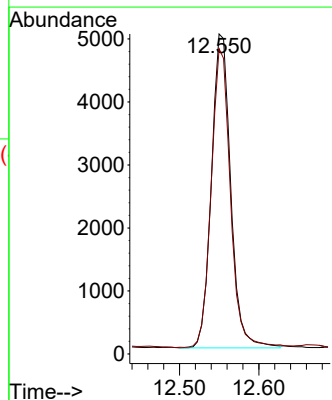
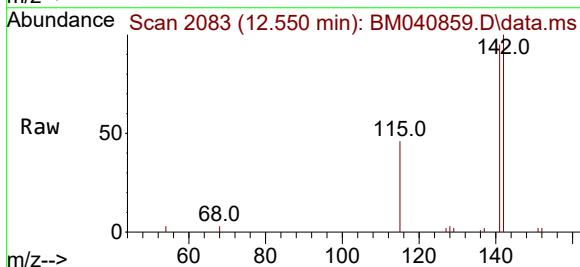
Instrument :
BNA_M
ClientSampleId :
A46K6MS

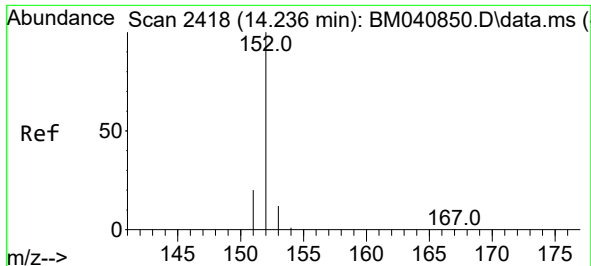
Tgt Ion:142 Resp: 8157
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:142 Resp: 8394
Ion Ratio Lower Upper
142 100
141 95.0 73.7 110.5

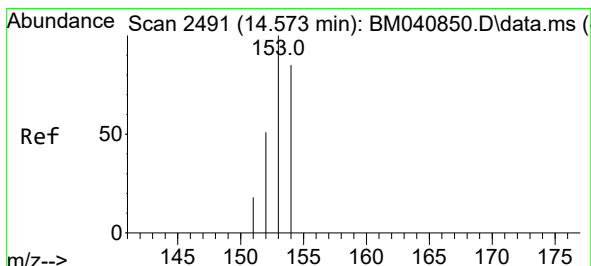
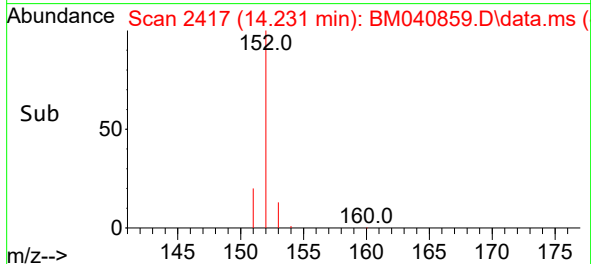
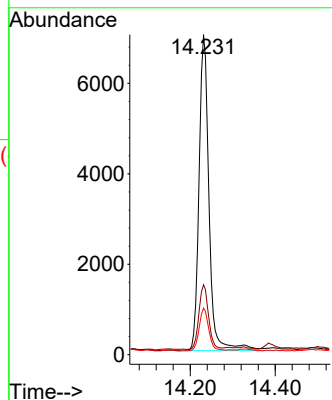
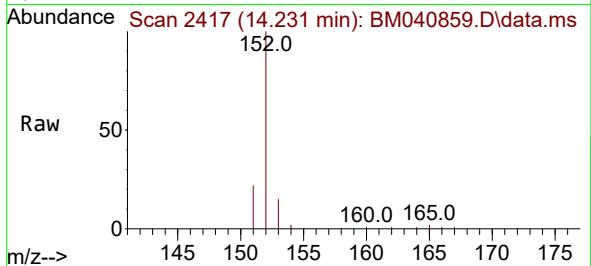




#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

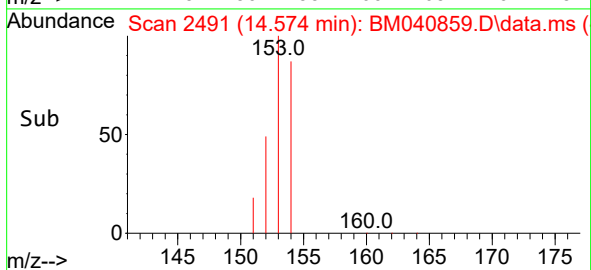
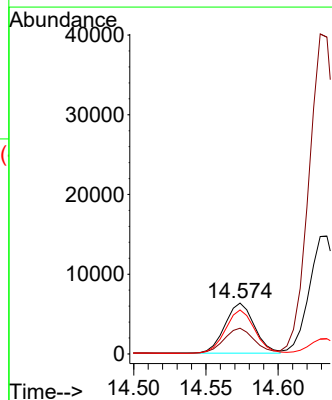
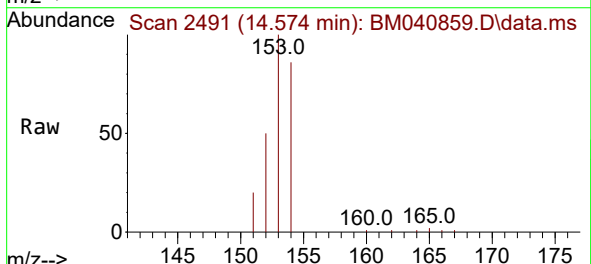
Instrument :
BNA_M
ClientSampleId :
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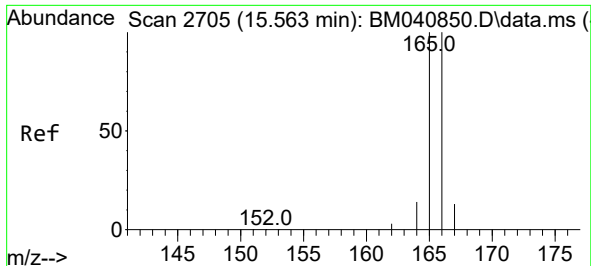
Tgt Ion:152 Resp: 11498
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:153 Resp: 8955
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 86.5 70.8 106.2

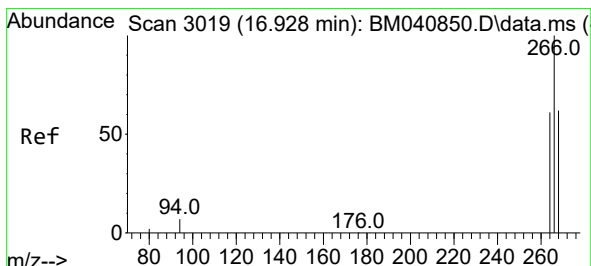
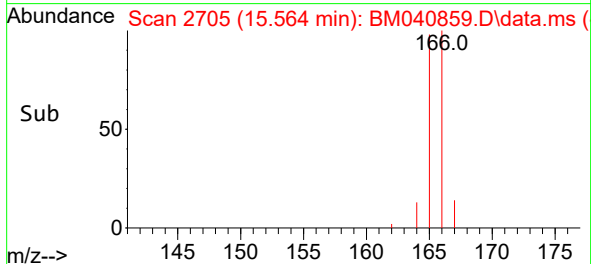
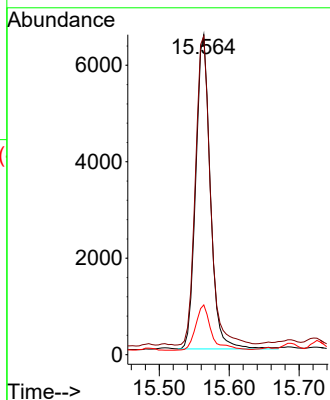
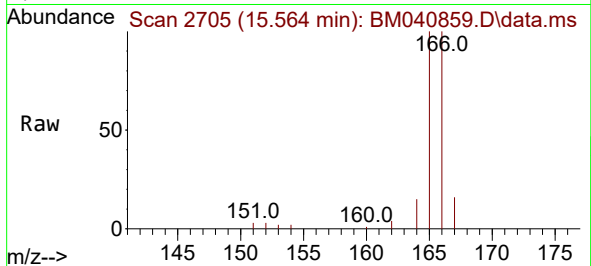




#12
 Fluorene
 Concen: 0.381 ng/ul
 RT: 15.564 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM040859.D
 Acq: 13 Jul 2023 21:09

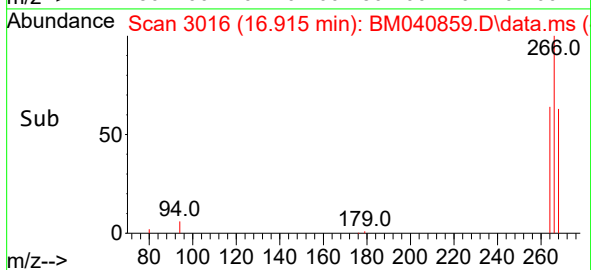
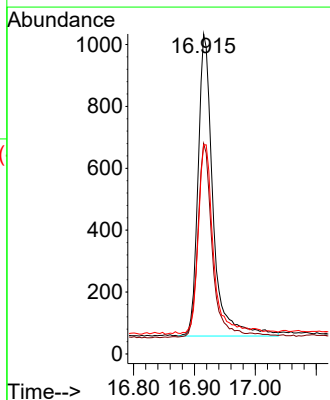
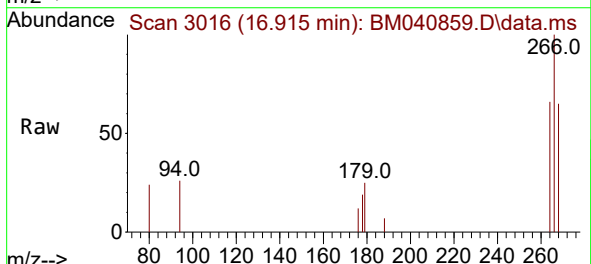
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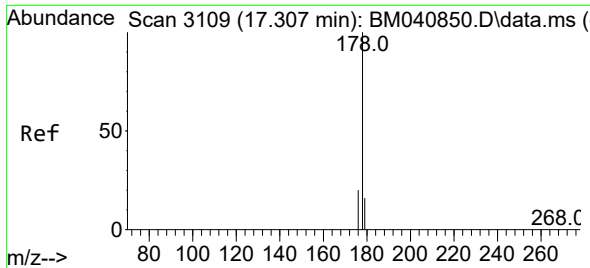
Tgt Ion:166 Resp: 9434
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.6 119.4
 167 15.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.653 ng/ul
 RT: 16.915 min Scan# 3016
 Delta R.T. -0.012 min
 Lab File: BM040859.D
 Acq: 13 Jul 2023 21:09

Tgt Ion:266 Resp: 1670
 Ion Ratio Lower Upper
 266 100
 264 62.4 45.4 68.0
 268 63.9 47.2 70.8

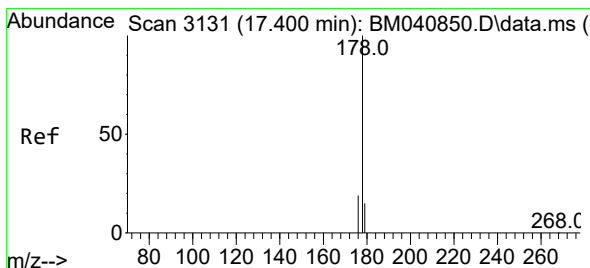
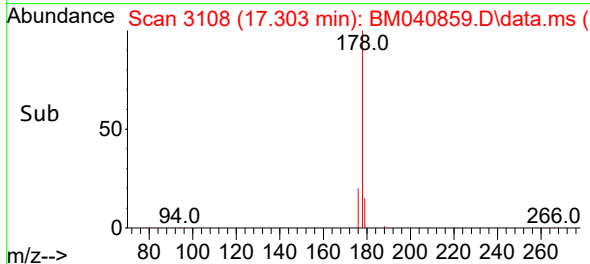
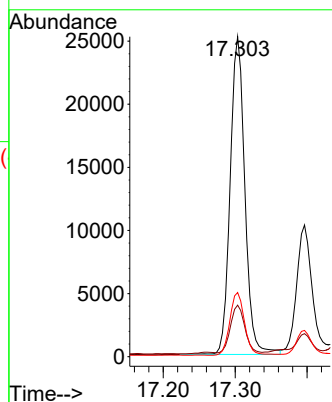
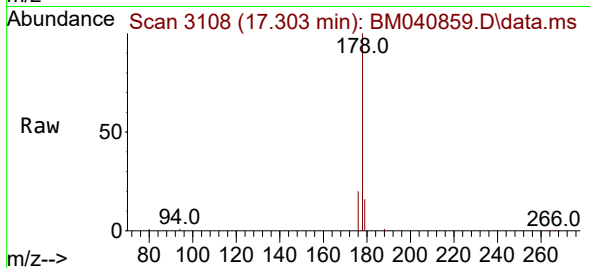




#15
Phenanthrene
Concen: 0.867 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

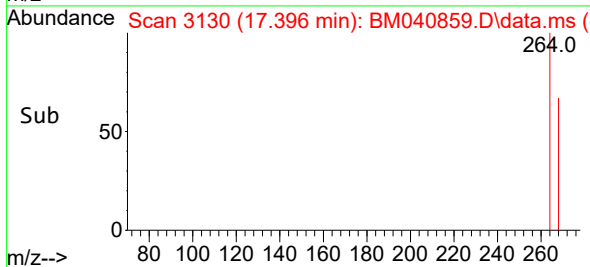
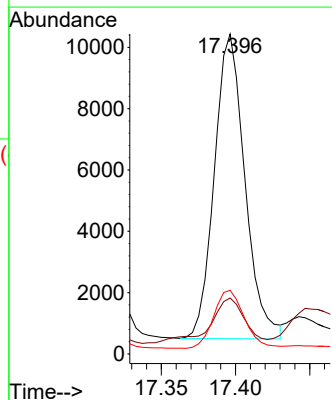
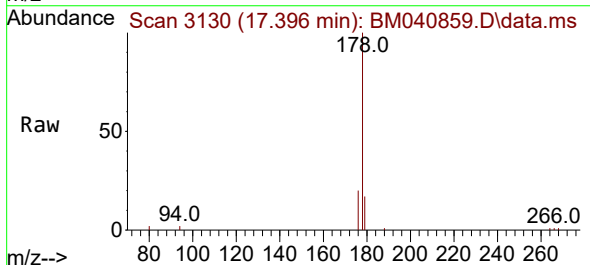
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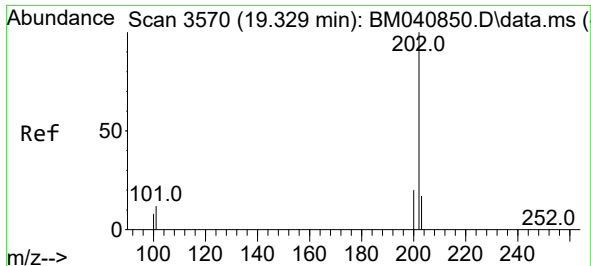
Tgt Ion:178 Resp: 35749
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.0 16.4 24.6



#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:178 Resp: 14215
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.9 15.8 23.6

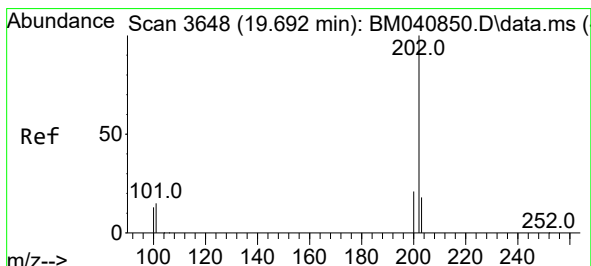
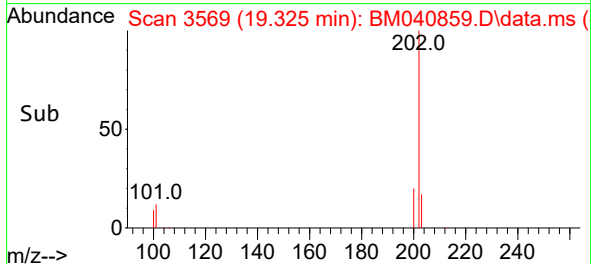
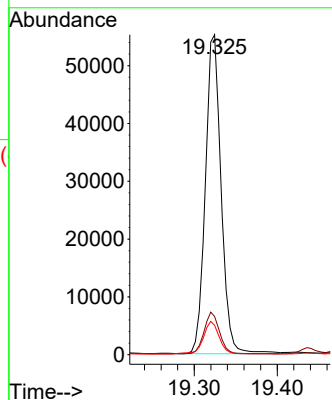
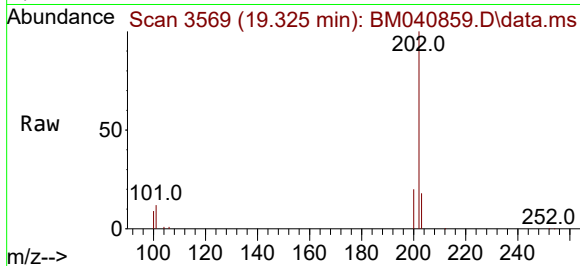




#19
Fluoranthene
Concen: 1.877 ng/ul
RT: 19.325 min Scan# 3569
Delta R.T. -0.004 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

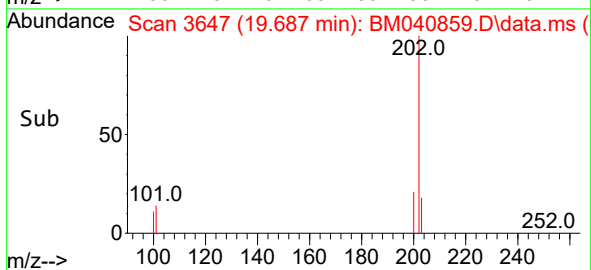
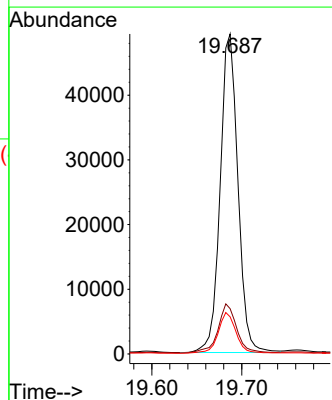
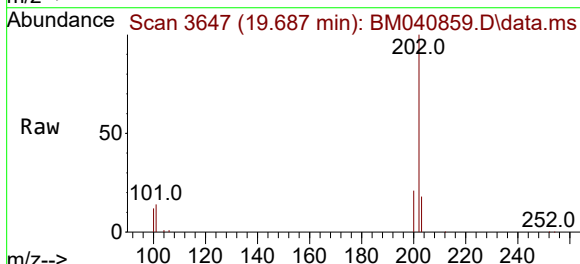
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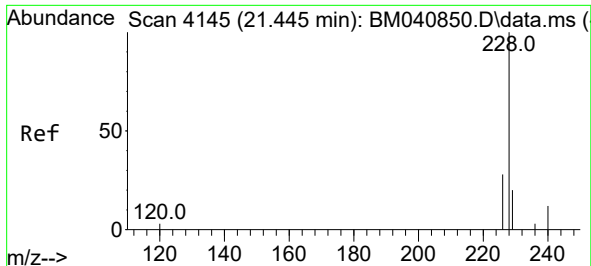
Tgt Ion:202 Resp: 72952
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 9.2 8.7 13.1



#20
Pyrene
Concen: 1.616 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:202 Resp: 67333
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.6 9.8 14.6

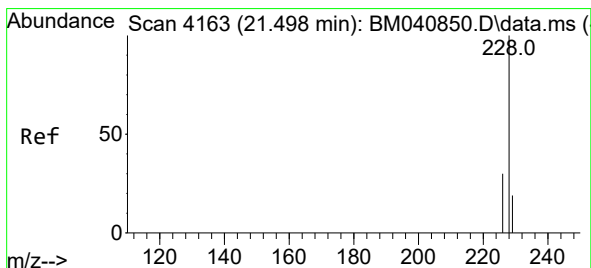
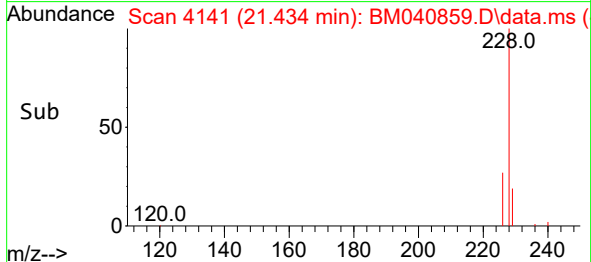
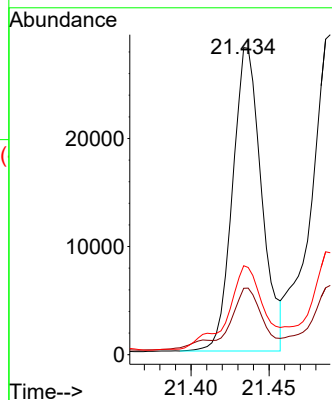
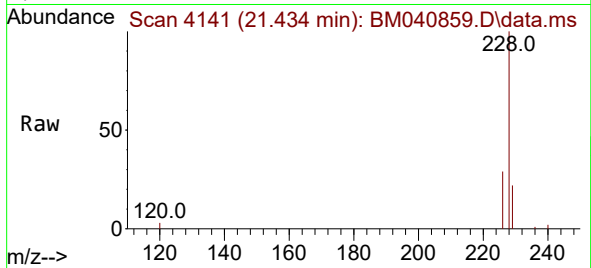




#21
Benzo(a)anthracene
Concen: 1.178 ng/ul
RT: 21.434 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

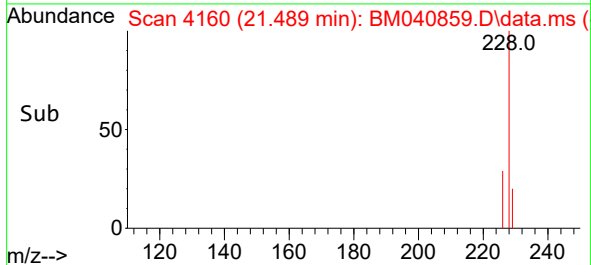
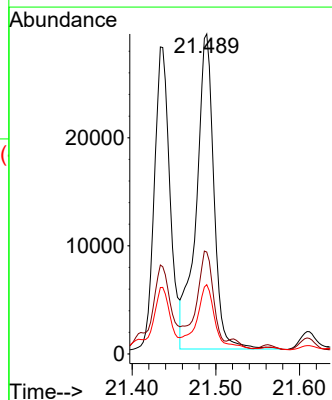
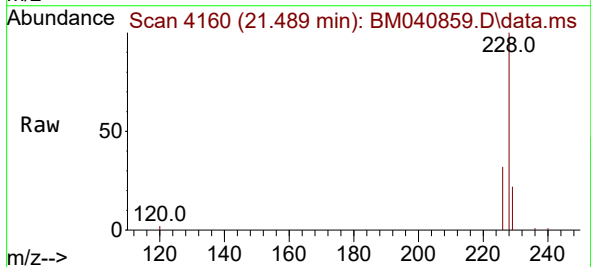
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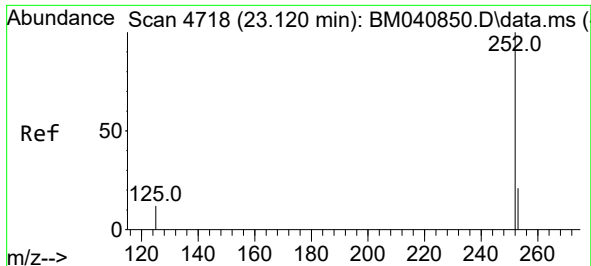
Tgt Ion:228 Resp: 36463
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 1.215 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:228 Resp: 42874
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 21.6 15.8 23.6

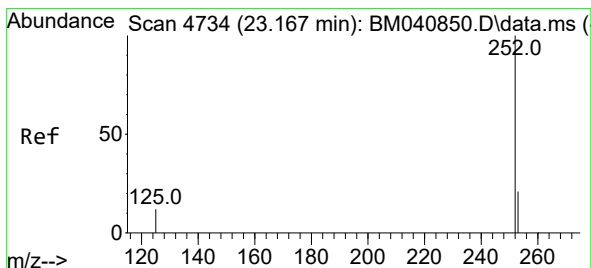
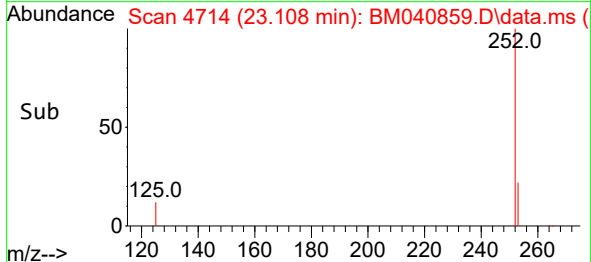
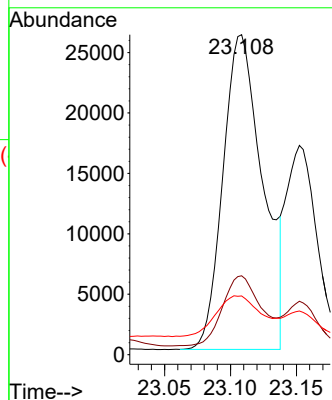
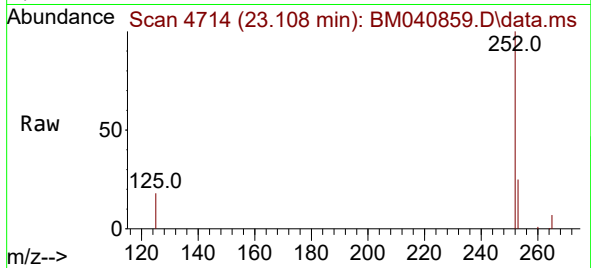




#24
Benzo(b)fluoranthene
Concen: 1.394 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. -0.012 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

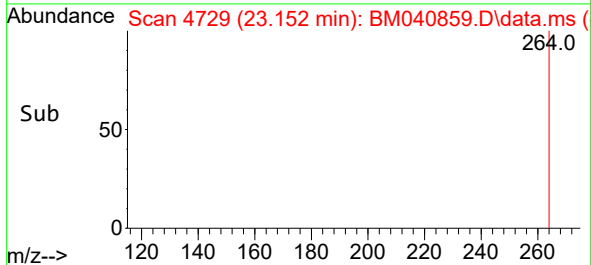
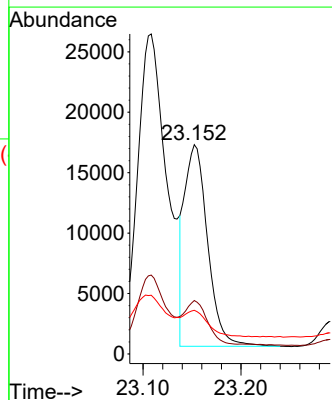
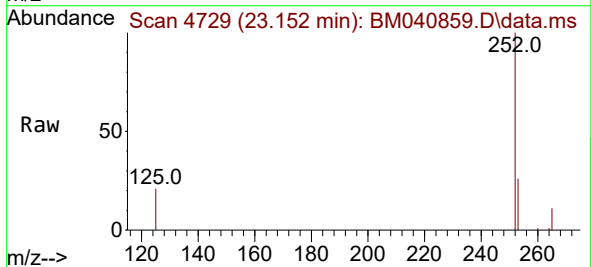
Instrument :
BNA_M
ClientSampleId :
A46K6MS

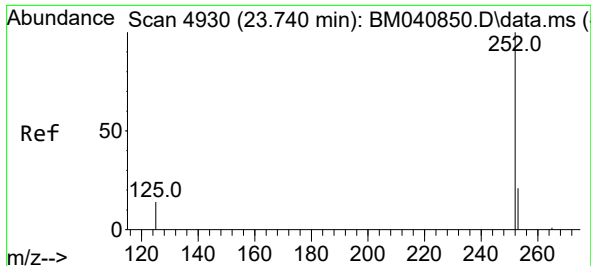
Tgt Ion:252 Resp: 54550
Ion Ratio Lower Upper
252 100
253 24.6 0.0 52.8
125 18.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.708 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:252 Resp: 27286
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 20.8 16.4 24.6

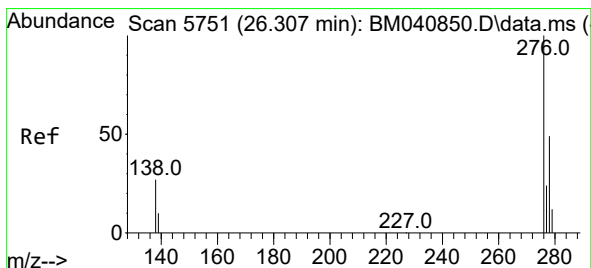
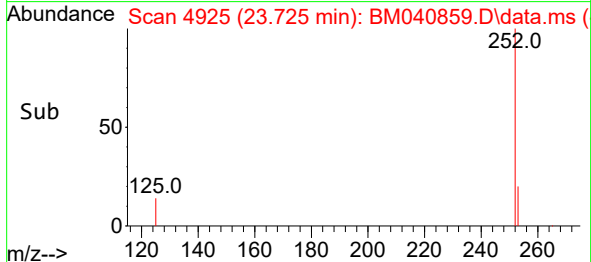
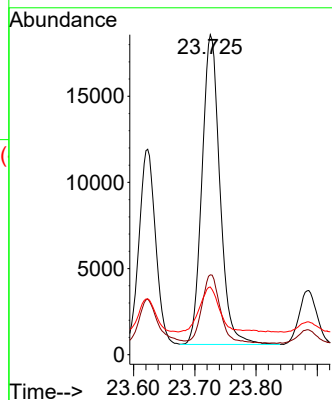
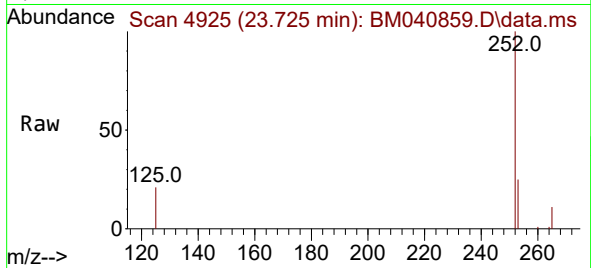




#26
Benzo(a)pyrene
Concen: 1.032 ng/ul
RT: 23.725 min Scan# 4930
Delta R.T. -0.014 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

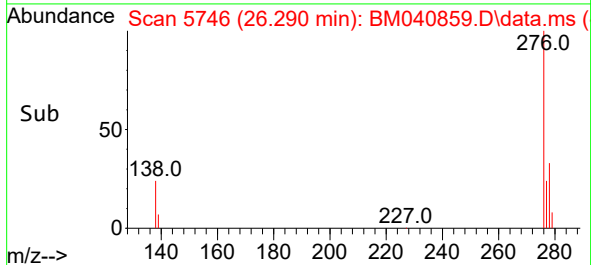
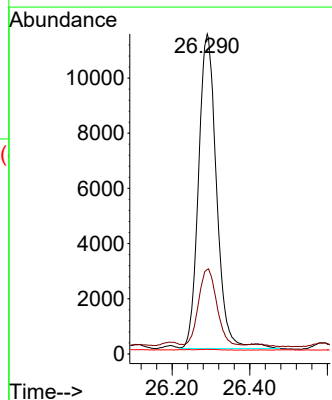
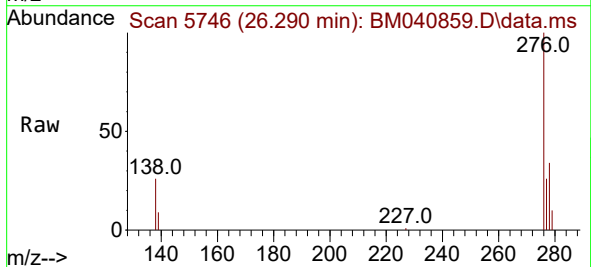
Instrument :
BNA_M
ClientSampleId :
A46K6MS

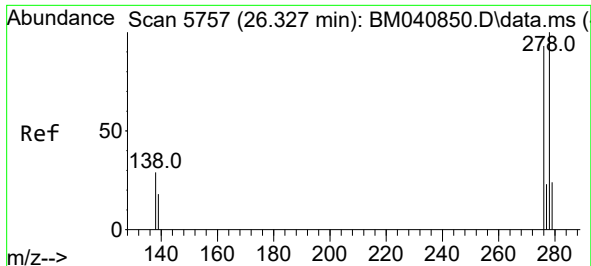
Tgt Ion:252 Resp: 36383
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 21.2 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.746 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:276 Resp: 36629
Ion Ratio Lower Upper
276 100
138 25.5 24.5 36.7
227 0.1 0.1 0.1#

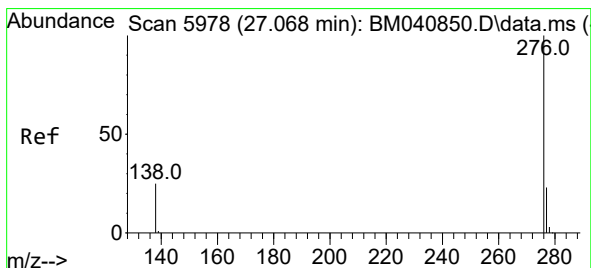
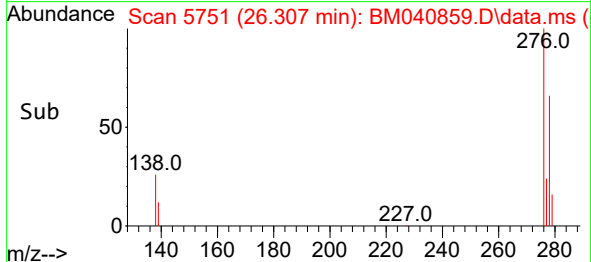
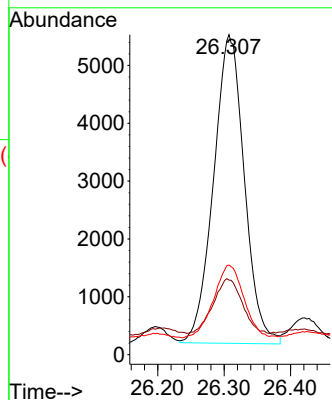
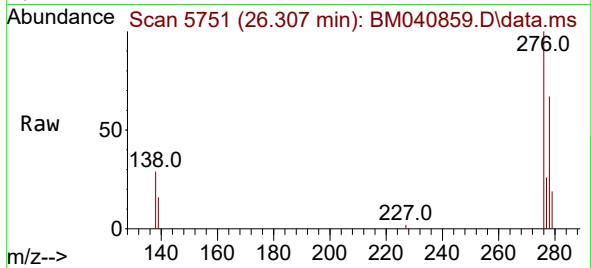




#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.307 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Instrument :
BNA_M
ClientSampleId :
A46K6MS

Tgt Ion:278 Resp: 17183
Ion Ratio Lower Upper
278 100
139 23.3 17.9 26.9
279 28.0 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.823 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.020 min
Lab File: BM040859.D
Acq: 13 Jul 2023 21:09

Tgt Ion:276 Resp: 35422
Ion Ratio Lower Upper
276 100
138 25.6 23.0 34.6
277 24.7 20.3 30.5

