

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040893.D
 Acq On : 14 Jul 2023 23:58
 Operator : MA/JU
 Sample : 03437-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K7MSD

Quant Time: Jul 15 04:00:45 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

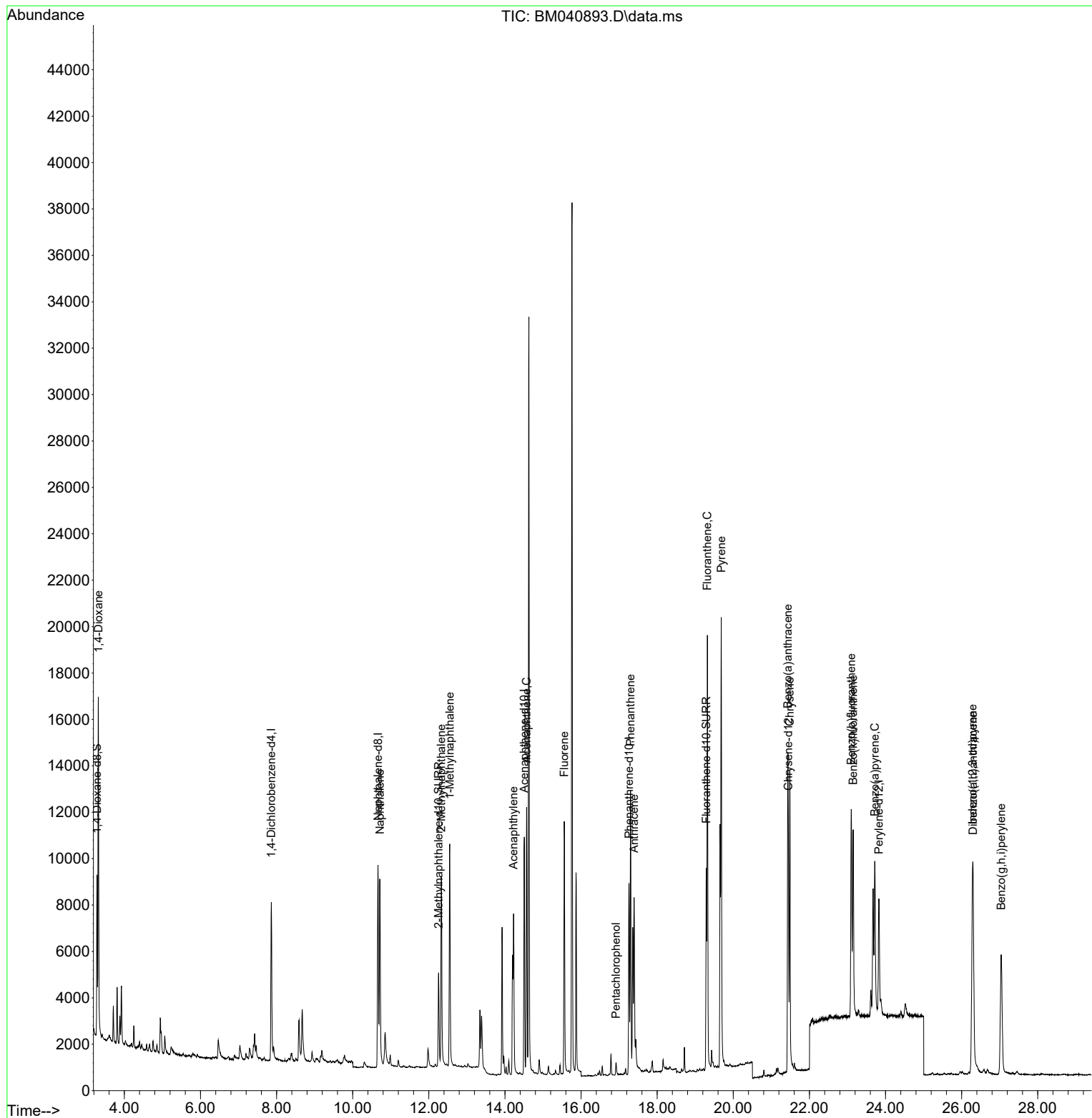
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3876	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	12707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	5491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10356	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7353	0.400	ng/ul	# 0.00
23) Perylene-d12	23.828	264	7255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3923	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6136	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9409	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	8741	1.410	ng/ul	91
5) Naphthalene	10.713	128	11619	0.332	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	6618	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	6971	0.339	ng/ul	98
10) Acenaphthylene	14.227	152	8149	0.332	ng/ul	98
11) Acenaphthene	14.569	153	6807	0.329	ng/ul	98
12) Fluorene	15.559	166	7096	0.321	ng/ul	97
14) Pentachlorophenol	16.919	266	465	0.233	ng/ul#	88
15) Phenanthrene	17.299	178	12947	0.402	ng/ul	100
16) Anthracene	17.392	178	9148	0.338	ng/ul	98
19) Fluoranthene	19.320	202	15603	0.500	ng/ul	98
20) Pyrene	19.682	202	16212	0.484	ng/ul	99
21) Benzo(a)anthracene	21.434	228	11128	0.447	ng/ul	99
22) Chrysene	21.483	228	11796	0.416	ng/ul	100
24) Benzo(b)fluoranthene	23.100	252	12396	0.442	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	10962	0.396	ng/ul	97
26) Benzo(a)pyrene	23.719	252	10140	0.401	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	13316	0.378	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.304	278	10048	0.364	ng/ul	98
29) Benzo(g,h,i)perylene	27.038	276	11895	0.385	ng/ul	98

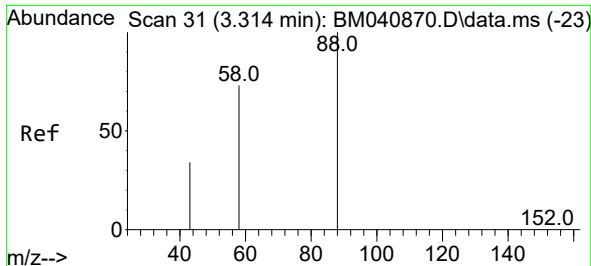
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040893.D
Acq On : 14 Jul 2023 23:58
Operator : MA/JU
Sample : 03437-12MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46K7MSD

Quant Time: Jul 15 04:00:45 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 : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

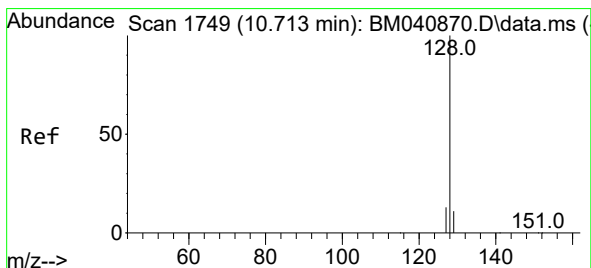
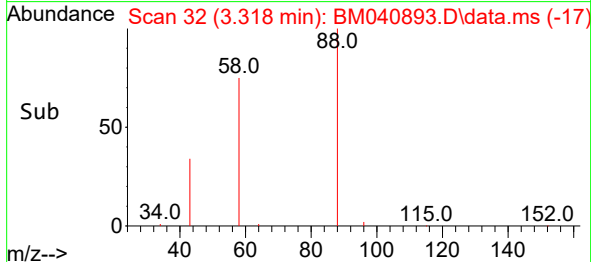
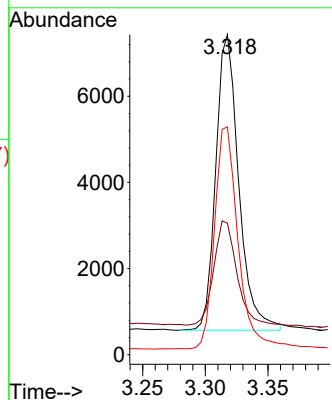
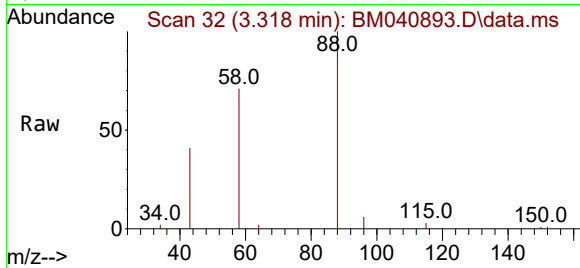




#2
1,4-Dioxane
Concen: 1.410 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

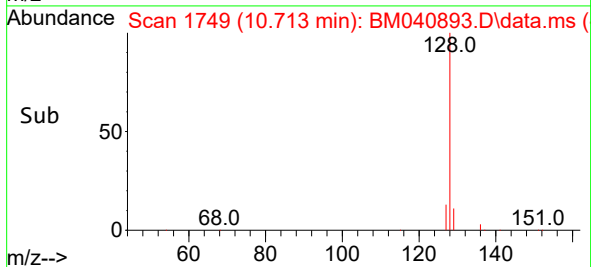
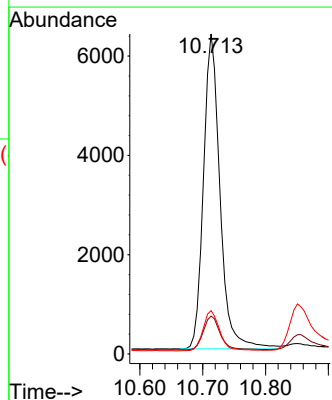
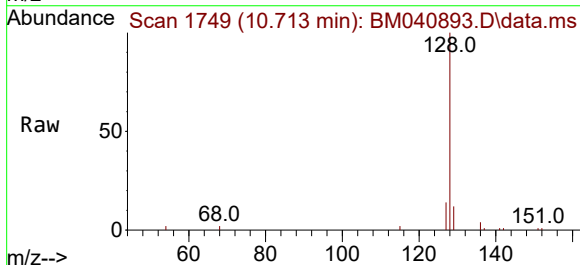
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

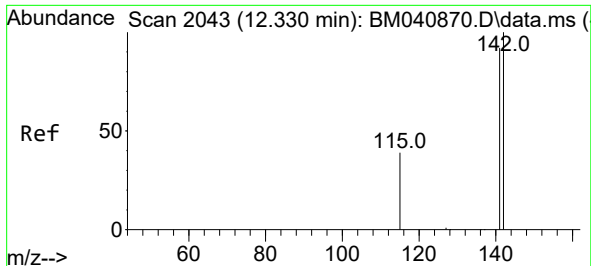
Tgt Ion: 88 Resp: 8741
Ion Ratio Lower Upper
88 100
43 41.1 36.1 54.1
58 71.2 49.8 74.8



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion: 128 Resp: 11619
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8

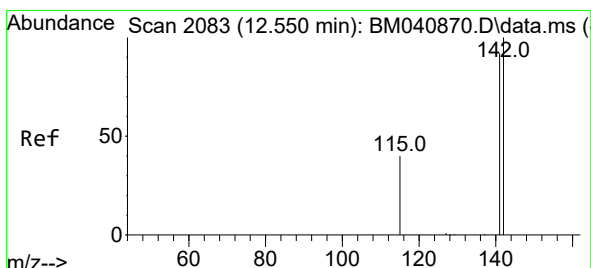
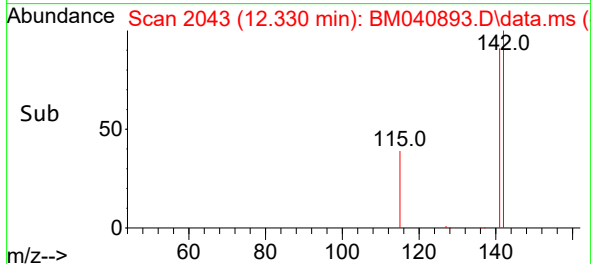
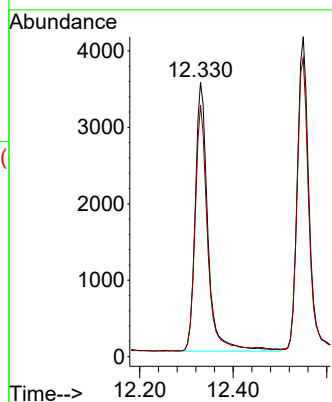
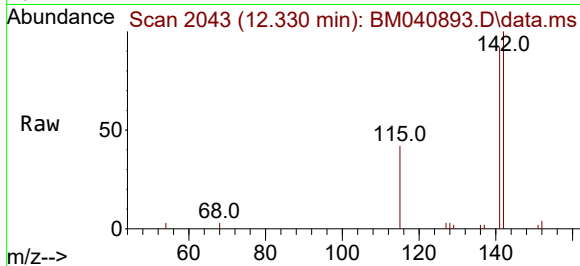




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

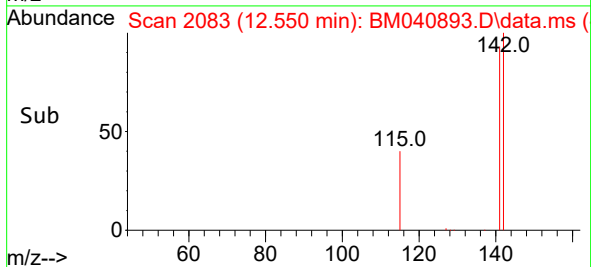
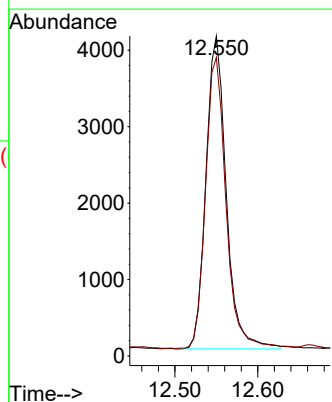
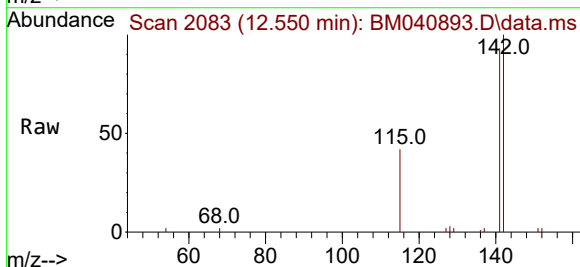
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

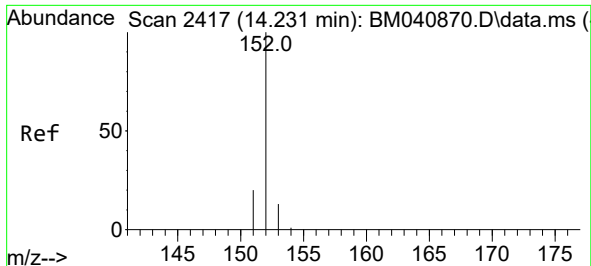
Tgt Ion:142 Resp: 6618
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:142 Resp: 6971
Ion Ratio Lower Upper
142 100
141 93.7 73.7 110.5

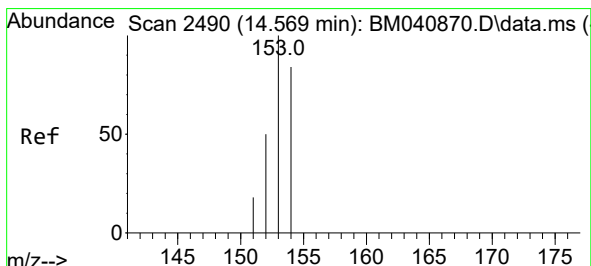
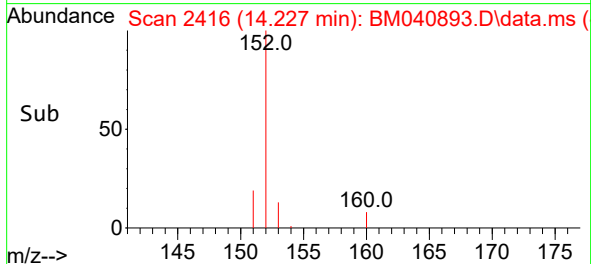
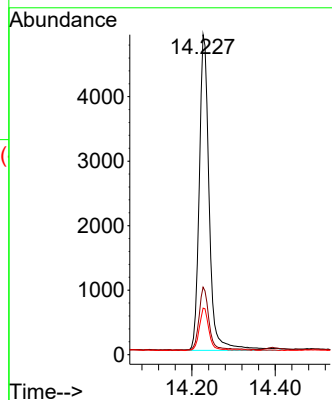
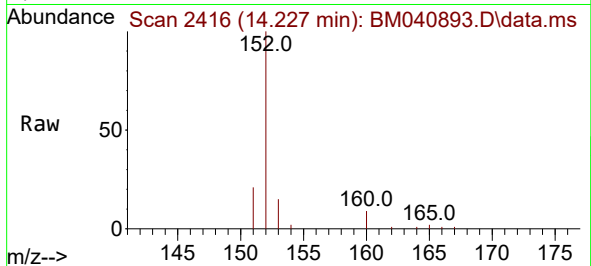




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

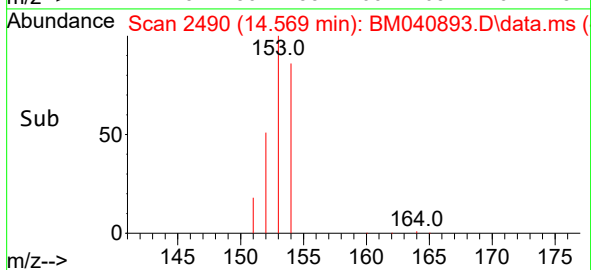
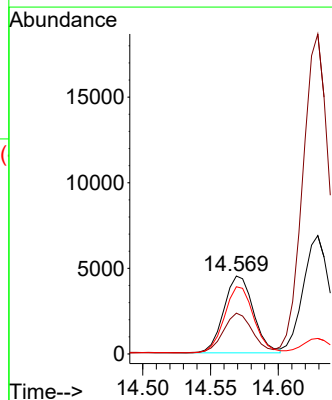
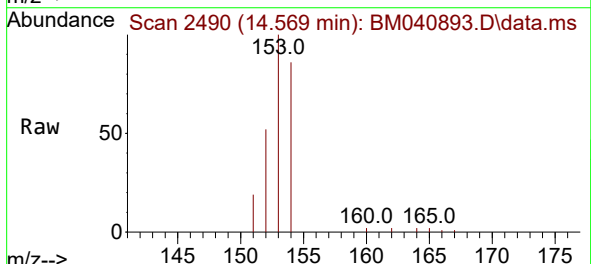
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

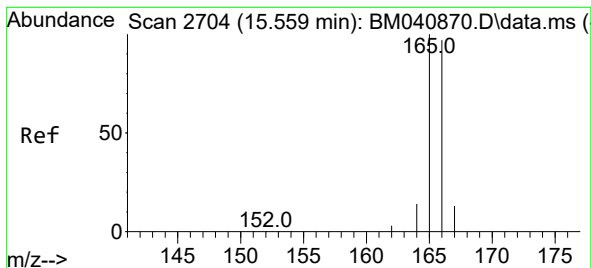
Tgt Ion:152 Resp: 8149
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:153 Resp: 6807
Ion Ratio Lower Upper
153 100
152 52.4 41.0 61.4
154 86.3 70.8 106.2





#12

Fluorene

Concen: 0.321 ng/ul

RT: 15.559 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

Instrument :

BNA_M

ClientSampleId :

A46K7MSD

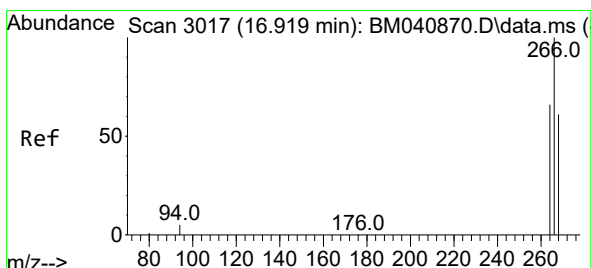
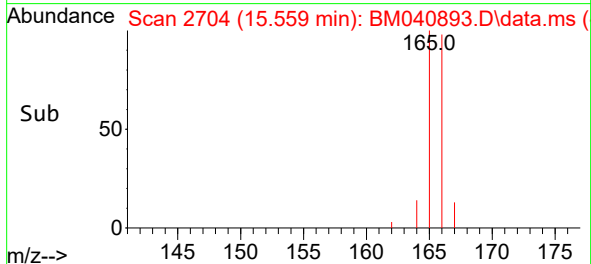
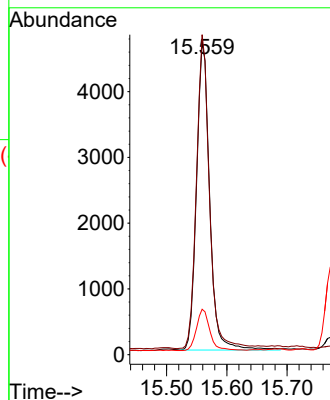
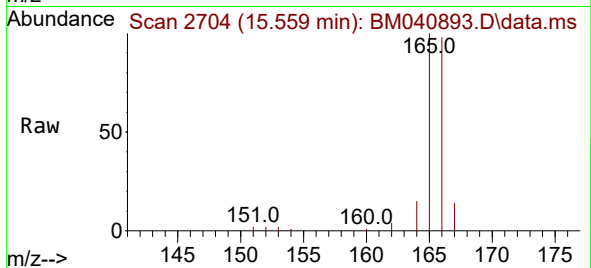
Tgt Ion:166 Resp: 7096

Ion Ratio Lower Upper

166 100

165 102.3 79.6 119.4

167 14.5 11.4 17.0



#14

Pentachlorophenol

Concen: 0.233 ng/ul

RT: 16.919 min Scan# 3017

Delta R.T. 0.000 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

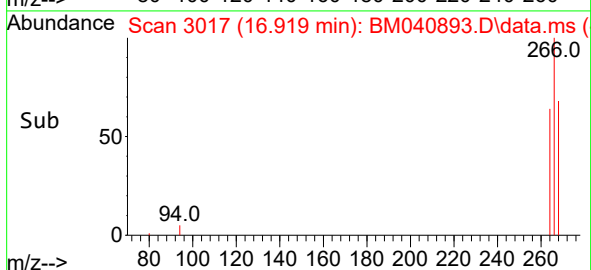
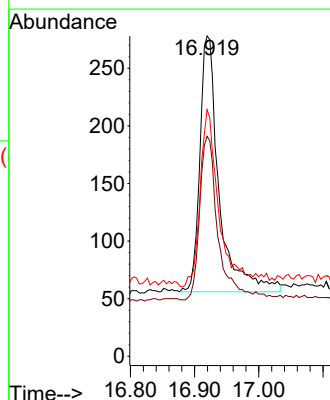
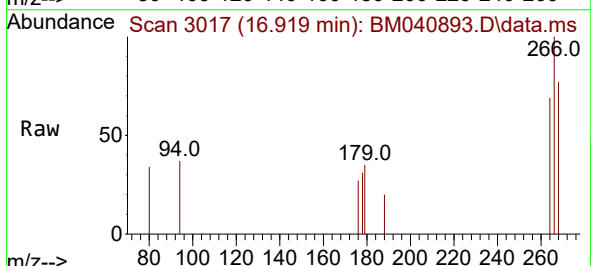
Tgt Ion:266 Resp: 465

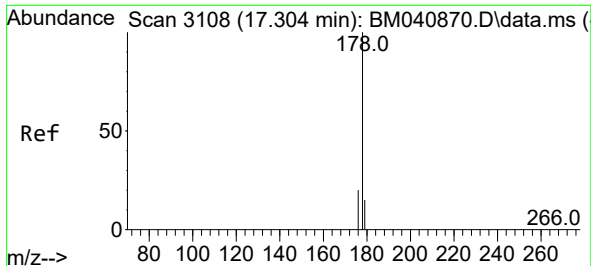
Ion Ratio Lower Upper

266 100

264 61.9 45.4 68.0

268 71.4 47.2 70.8#

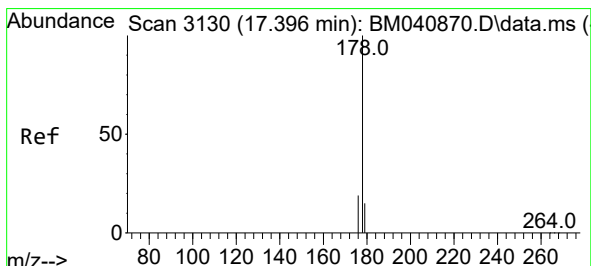
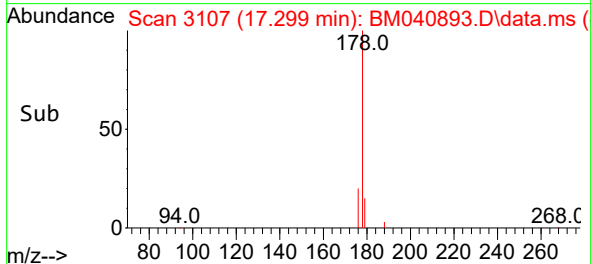
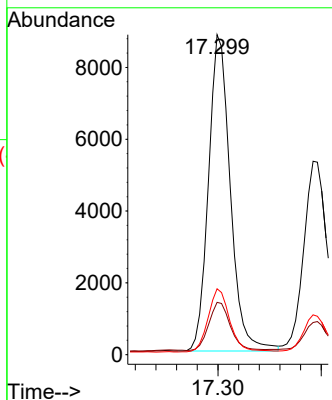
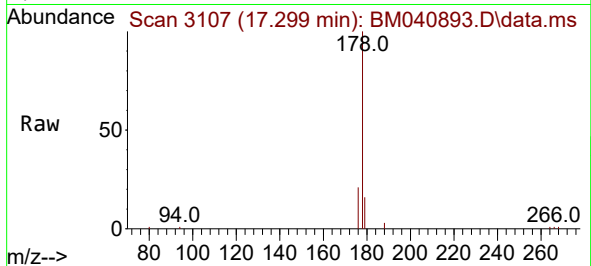




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

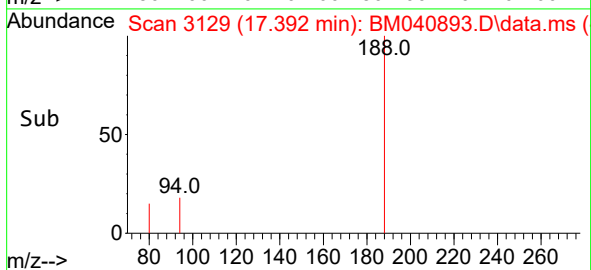
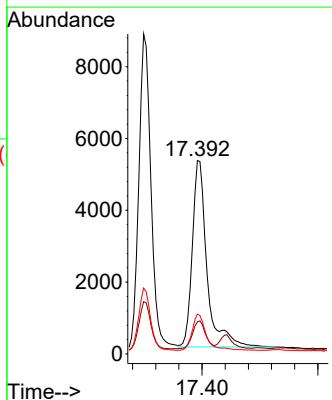
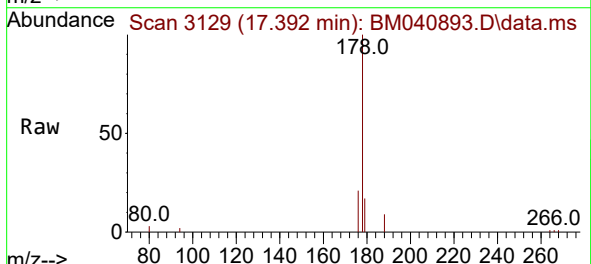
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

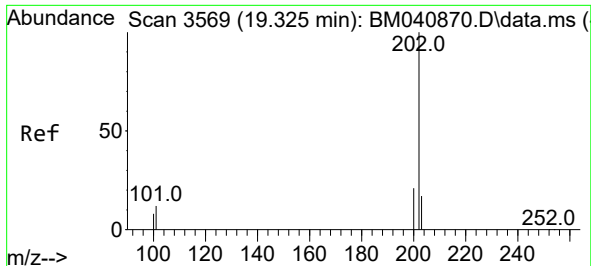
Tgt Ion:	178	Resp:	12947
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	20.6	16.4	24.6



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:	178	Resp:	9148
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.9	19.3
176	20.6	15.8	23.6

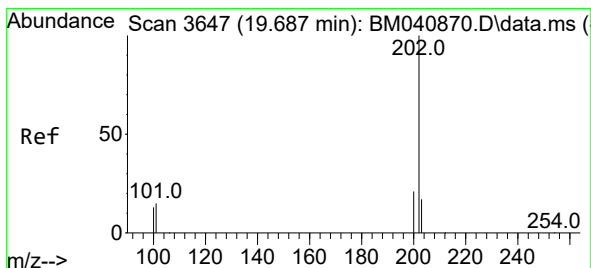
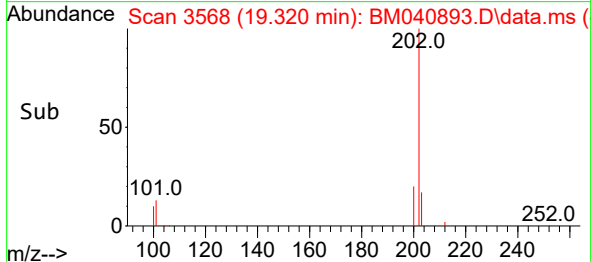
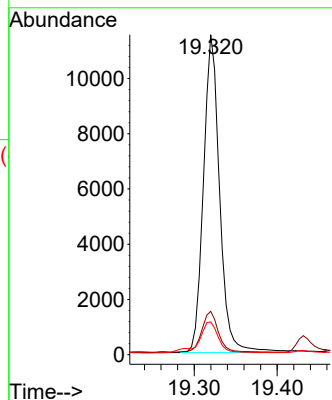
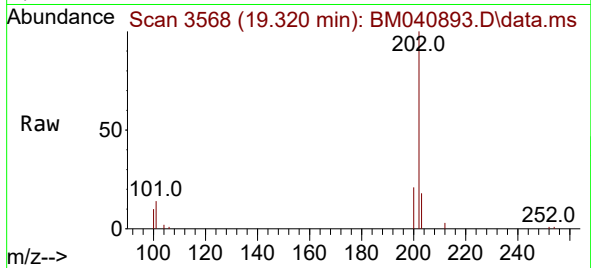




#19
Fluoranthene
Concen: 0.500 ng/ul
RT: 19.320 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

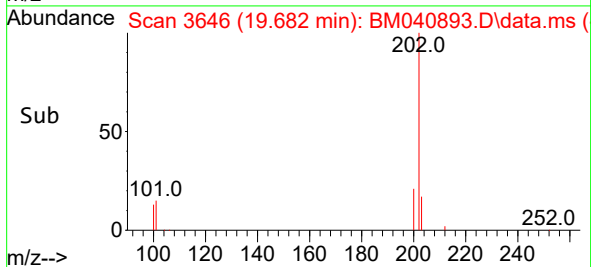
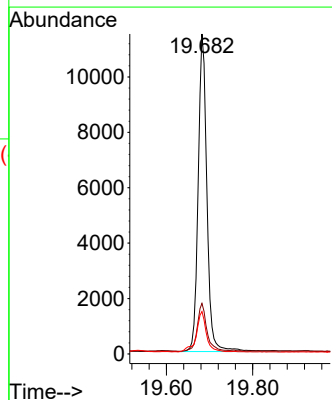
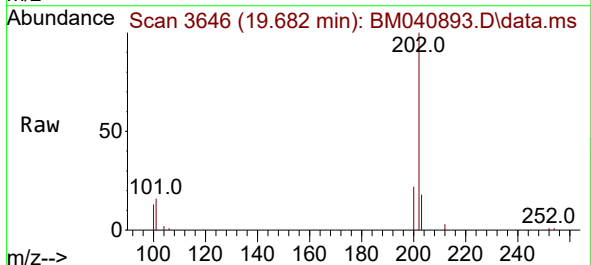
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

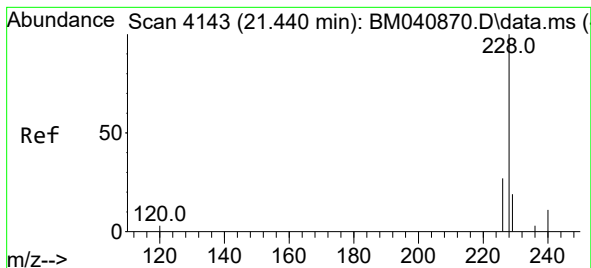
Tgt Ion:202 Resp: 15603
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.2 8.7 13.1



#20
Pyrene
Concen: 0.484 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:202 Resp: 16212
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 13.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.447 ng/ul

RT: 21.434 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

Instrument :

BNA_M

ClientSampleId :

A46K7MSD

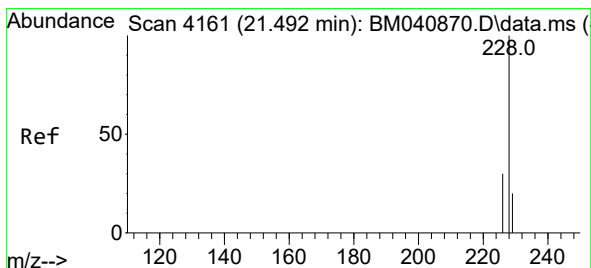
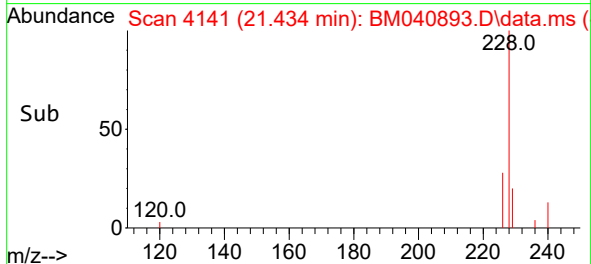
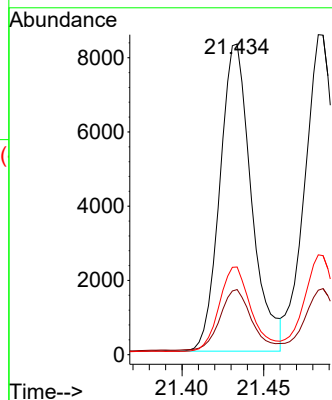
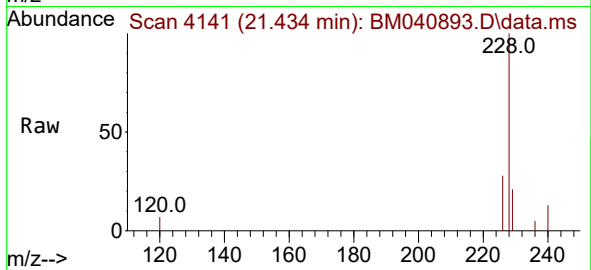
Tgt Ion:228 Resp: 11128

Ion Ratio Lower Upper

228 100

229 21.0 16.0 24.0

226 28.2 22.3 33.5



#22

Chrysene

Concen: 0.416 ng/ul

RT: 21.483 min Scan# 4158

Delta R.T. -0.003 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

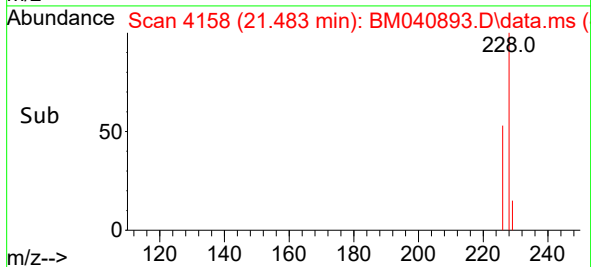
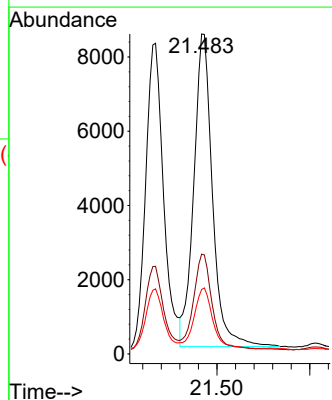
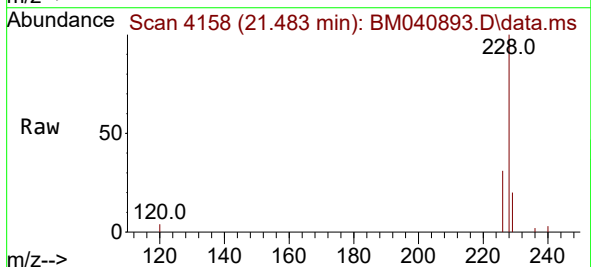
Tgt Ion:228 Resp: 11796

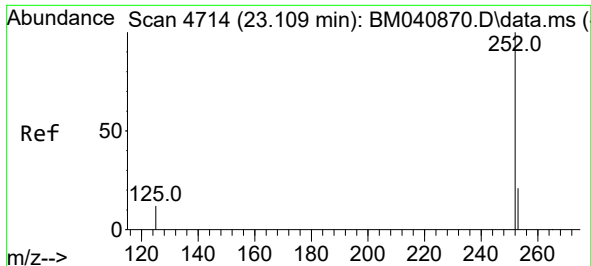
Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.2 15.8 23.6

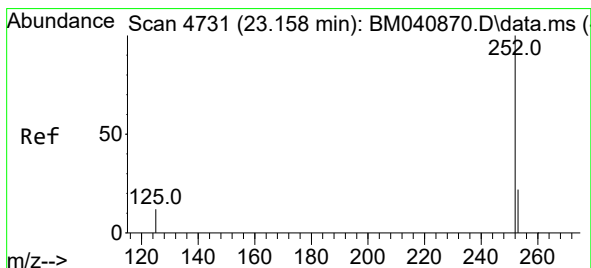
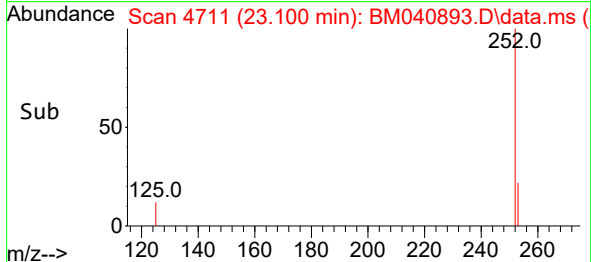
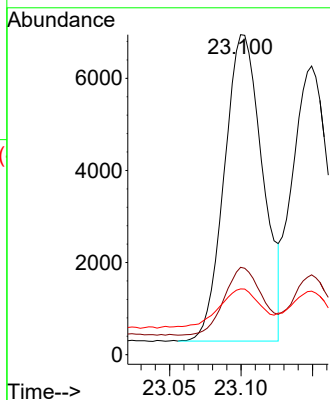
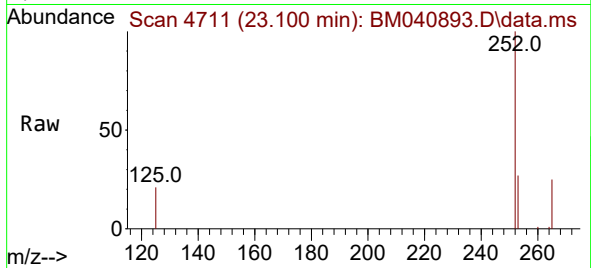




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

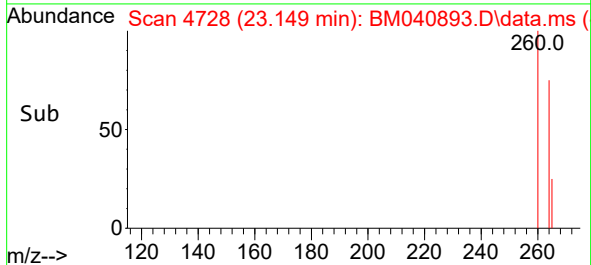
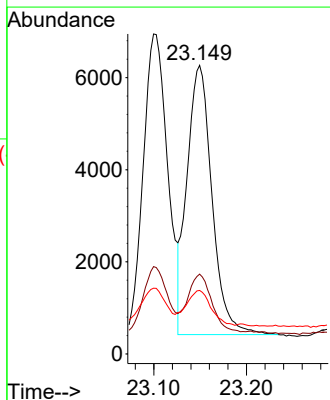
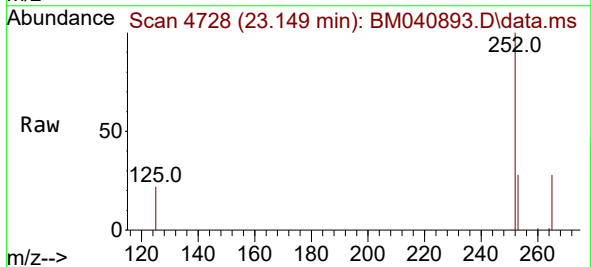
Instrument :
BNA_M
ClientSampleId :
A46K7MSD

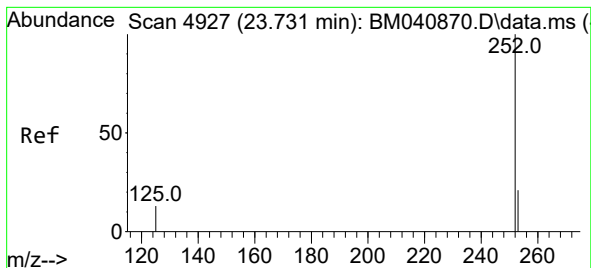
Tgt Ion:252 Resp: 12396
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.8
125 20.6 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:252 Resp: 10962
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 22.0 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 23.719 min Scan# 4923

Delta R.T. -0.003 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

Instrument :

BNA_M

ClientSampleId :

A46K7MSD

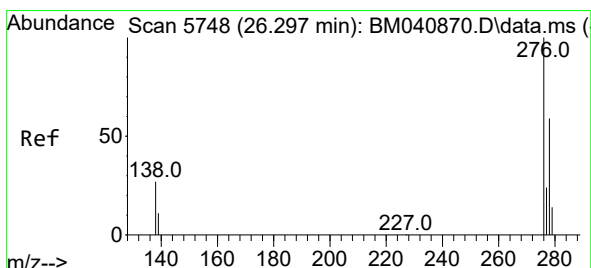
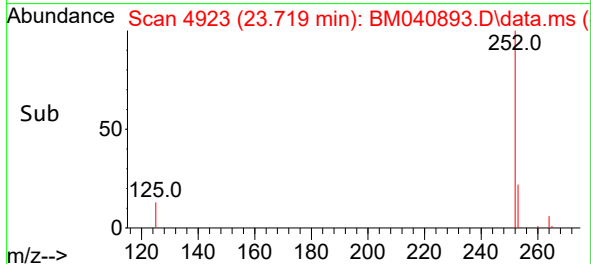
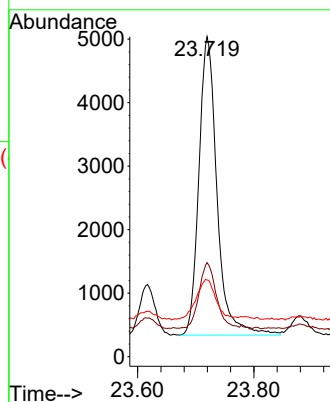
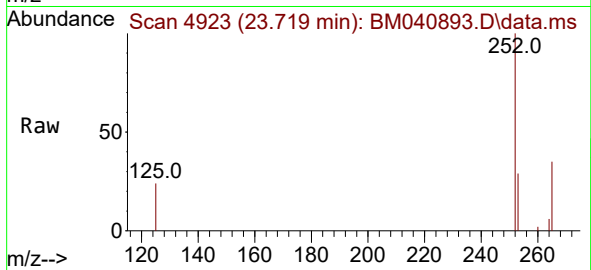
Tgt Ion:252 Resp: 10140

Ion Ratio Lower Upper

252 100

253 29.4 22.9 34.3

125 23.9 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 26.287 min Scan# 5745

Delta R.T. -0.003 min

Lab File: BM040893.D

Acq: 14 Jul 2023 23:58

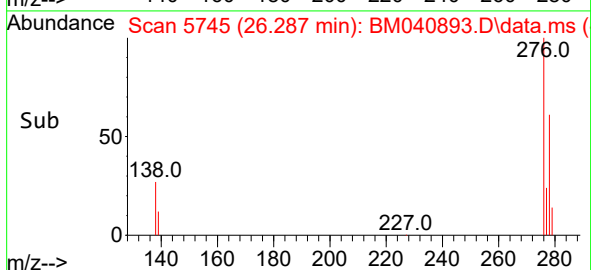
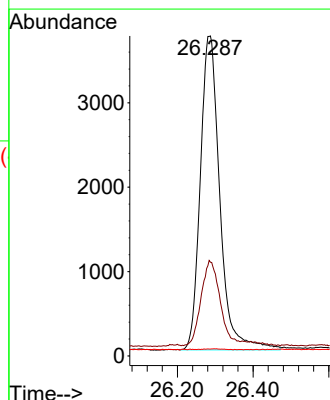
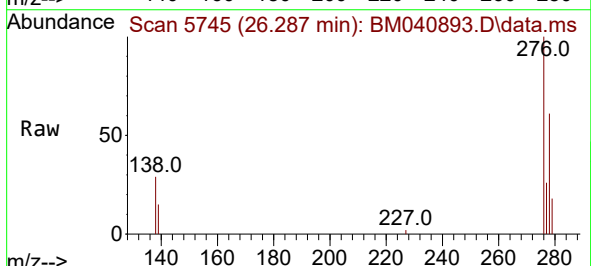
Tgt Ion:276 Resp: 13316

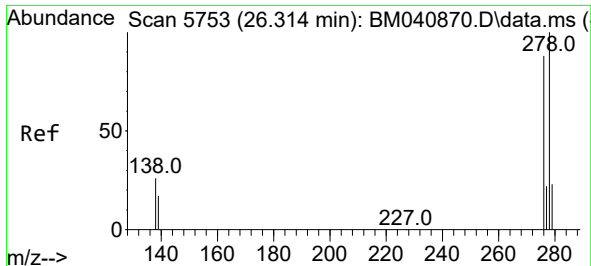
Ion Ratio Lower Upper

276 100

138 28.1 24.5 36.7

227 0.1 0.1 0.1#

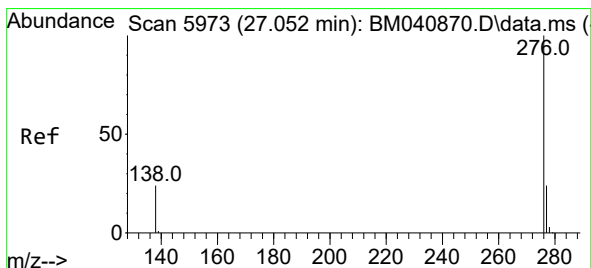
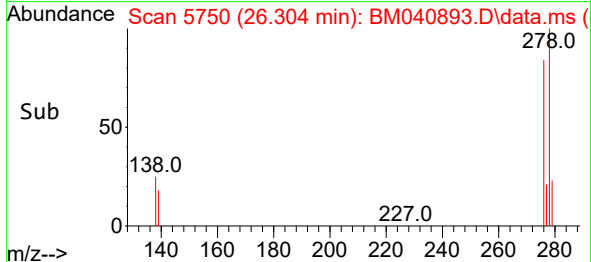
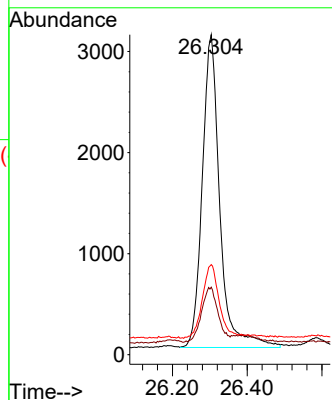
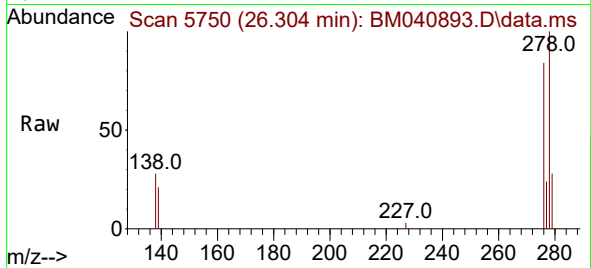




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.304 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Instrument :
BNA_M
ClientSampleId :
A46K7MSD

Tgt Ion:278 Resp: 10048
Ion Ratio Lower Upper
278 100
139 21.1 17.9 26.9
279 28.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040893.D
Acq: 14 Jul 2023 23:58

Tgt Ion:276 Resp: 11895
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.6
277 25.1 20.3 30.5

