

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040811.D
 Acq On : 11 Jul 2023 14:02
 Operator : MA/JU
 Sample : PB153963BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS963

Quant Time: Jul 12 04:33:48 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

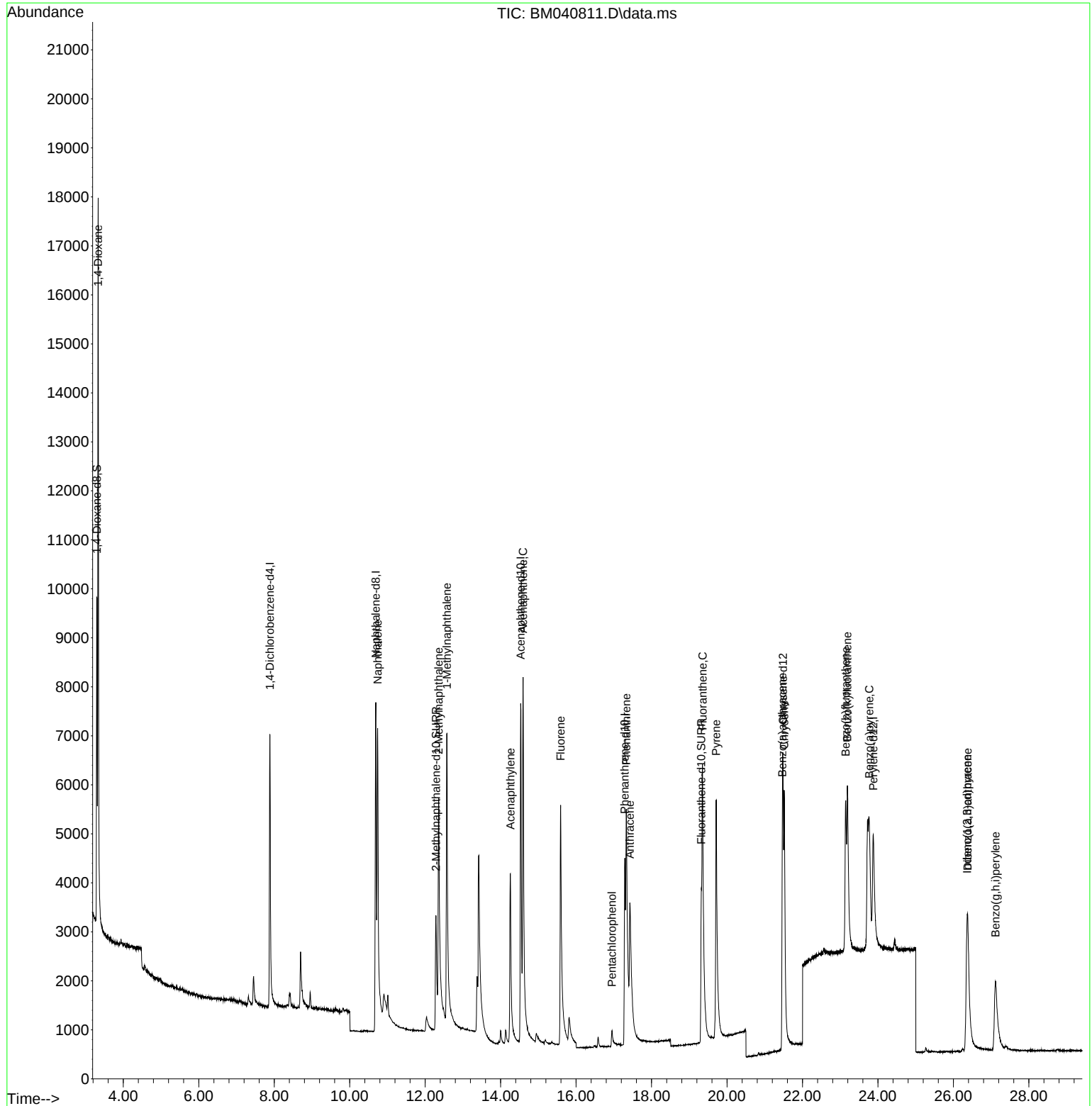
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	3681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	13273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	5338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	8111	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.483	240	5924	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	4458	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	4234	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	5903	0.317	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	6563	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	9127	1.551	ng/ul	90
5) Naphthalene	10.741	128	11148	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	6046	0.281	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	5773	0.269	ng/ul	97
10) Acenaphthylene	14.259	152	6940	0.291	ng/ul	95
11) Acenaphthene	14.597	153	5994	0.298	ng/ul	97
12) Fluorene	15.591	166	6042	0.281	ng/ul	98
14) Pentachlorophenol	16.949	266	475	0.304	ng/ul	94
15) Phenanthrene	17.333	178	7344	0.291	ng/ul	95
16) Anthracene	17.426	178	6613	0.312	ng/ul#	93
19) Fluoranthene	19.352	202	7454	0.296	ng/ul	96
20) Pyrene	19.715	202	8077	0.299	ng/ul	97
21) Benzo(a)anthracene	21.466	228	5432	0.271	ng/ul	97
22) Chrysene	21.518	228	6788	0.297	ng/ul	98
24) Benzo(b)fluoranthene	23.146	252	5773	0.335	ng/ul	87
25) Benzo(k)fluoranthene	23.190	252	6405	0.377	ng/ul#	89
26) Benzo(a)pyrene	23.772	252	5152	0.332	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.364	276	6035	0.279	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.377	278	4703	0.278	ng/ul#	87
29) Benzo(g,h,i)perylene	27.115	276	5612	0.296	ng/ul	94

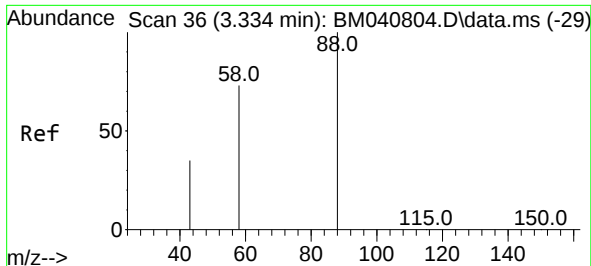
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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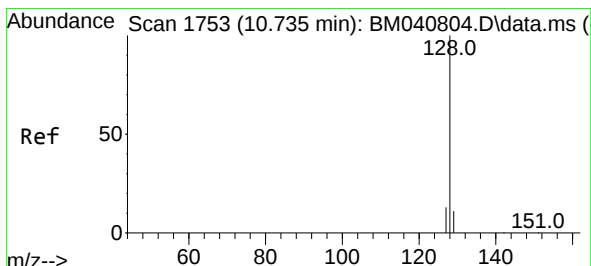
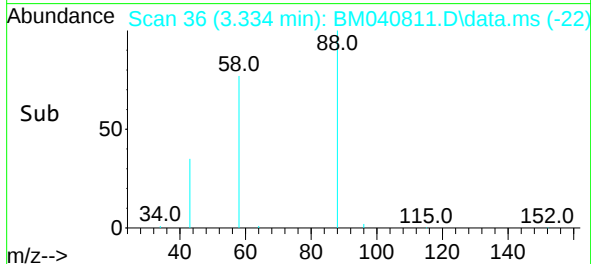
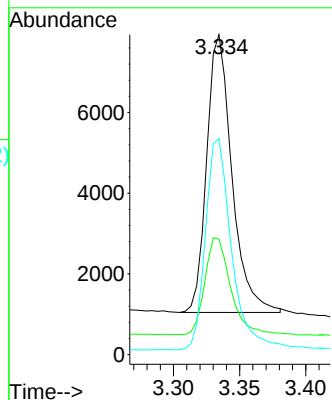
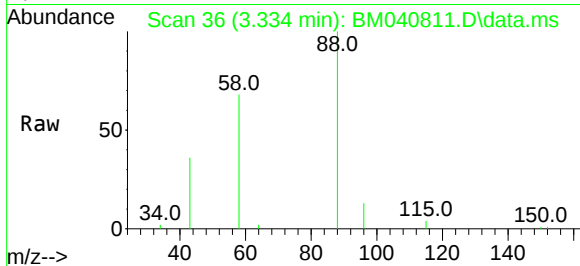




#2
1,4-Dioxane
Concen: 1.551 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

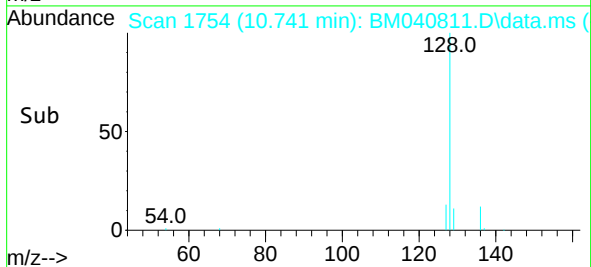
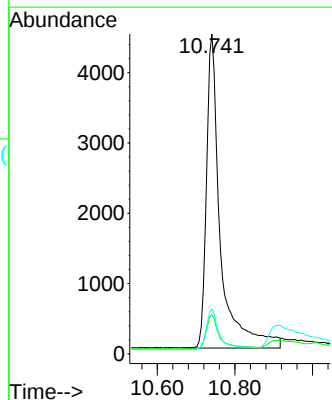
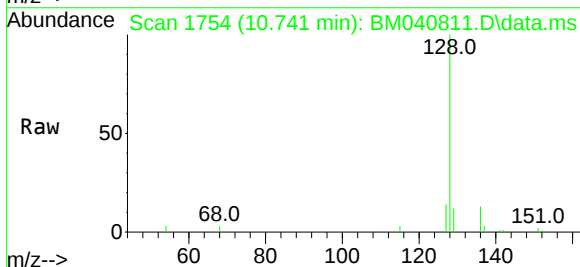
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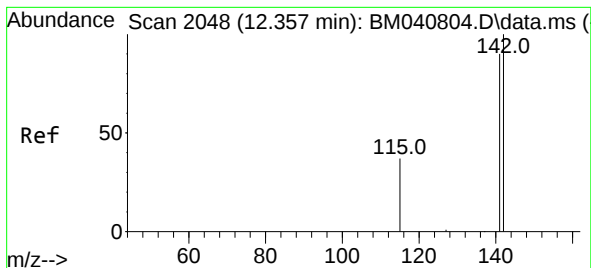
Tgt Ion: 88 Resp: 9127
Ion Ratio Lower Upper
88 100
43 36.1 36.1 54.1
58 67.6 49.8 74.8



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion: 128 Resp: 11148
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.0 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.281 ng/ul

RT: 12.357 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BM040811.D

Acq: 11 Jul 2023 14:02

Instrument :

BNA_M

ClientSampleId :

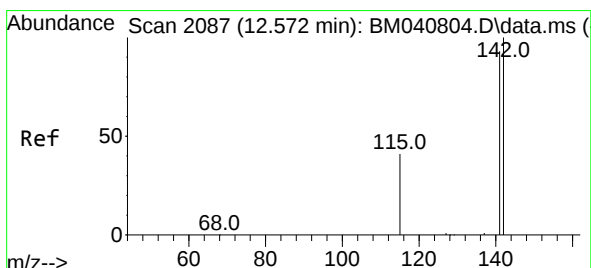
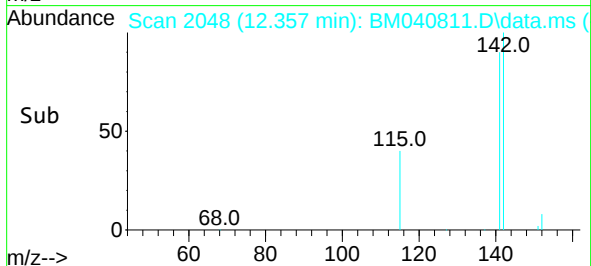
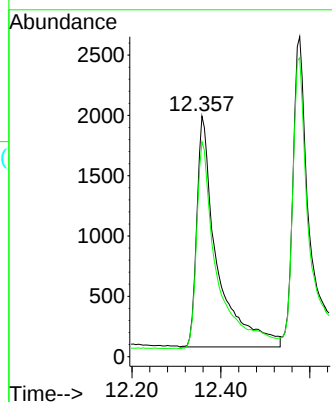
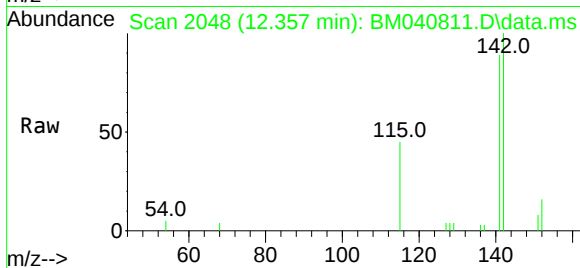
SLCS963

Tgt Ion:142 Resp: 6046

Ion Ratio Lower Upper

142 100

141 91.3 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.269 ng/ul

RT: 12.577 min Scan# 2088

Delta R.T. 0.000 min

Lab File: BM040811.D

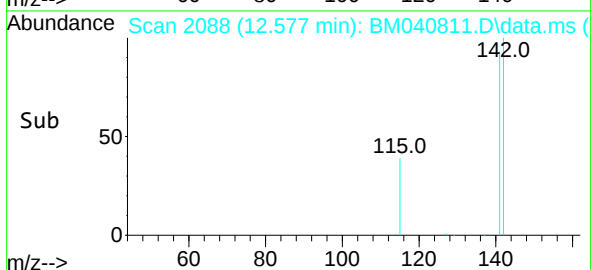
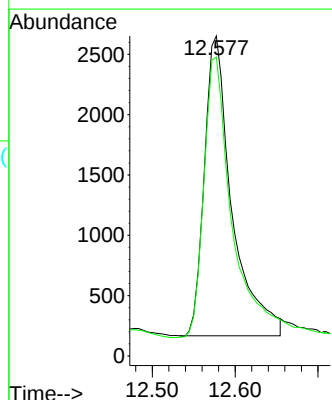
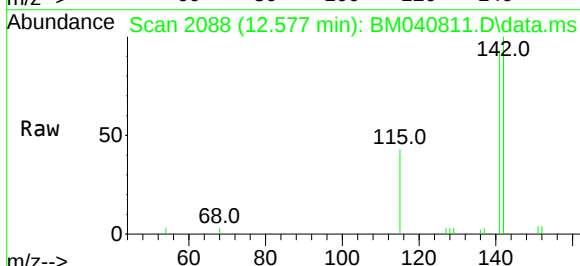
Acq: 11 Jul 2023 14:02

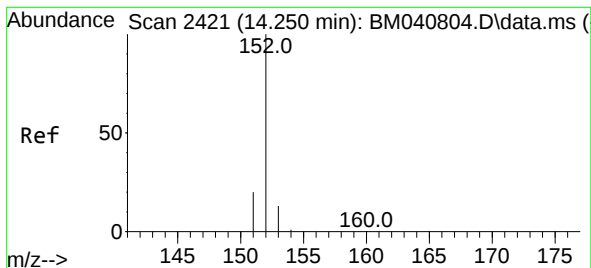
Tgt Ion:142 Resp: 5773

Ion Ratio Lower Upper

142 100

141 94.7 73.7 110.5





#10

Acenaphthylene

Concen: 0.291 ng/ul

RT: 14.259 min Scan# 2421

Delta R.T. 0.005 min

Lab File: BM040811.D

Acq: 11 Jul 2023 14:02

Instrument :

BNA_M

ClientSampleId :

SLCS963

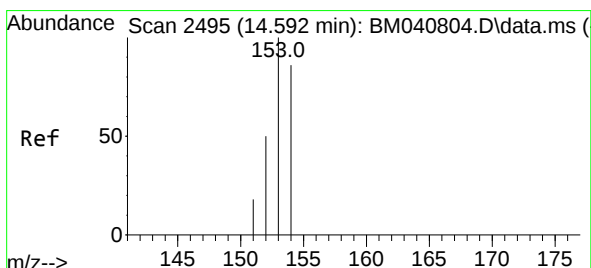
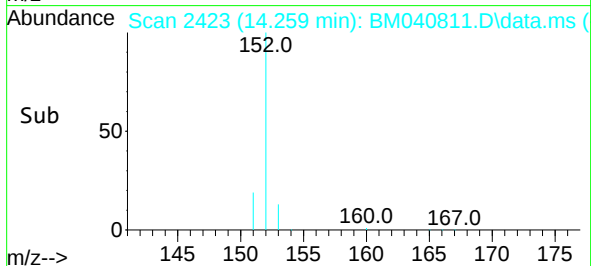
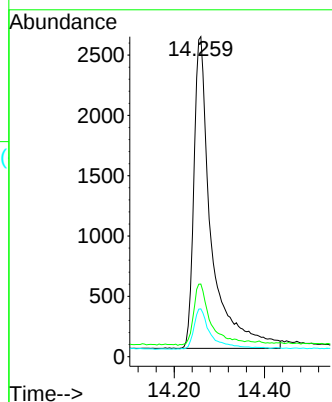
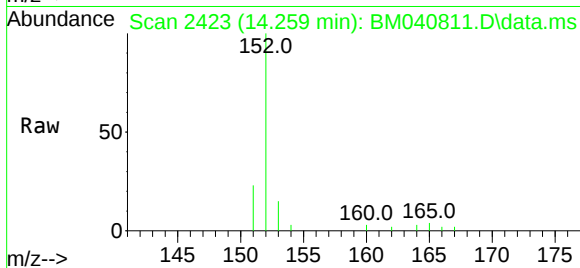
Tgt Ion:152 Resp: 6940

Ion Ratio Lower Upper

152 100

151 22.7 16.2 24.2

153 14.9 10.9 16.3



#11

Acenaphthene

Concen: 0.298 ng/ul

RT: 14.597 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BM040811.D

Acq: 11 Jul 2023 14:02

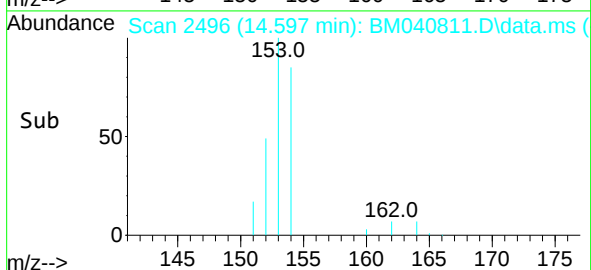
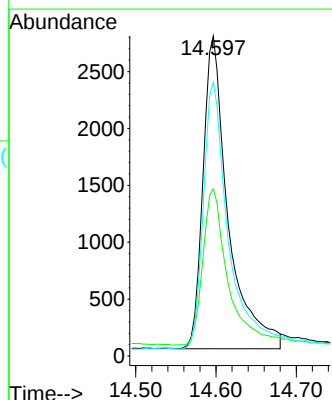
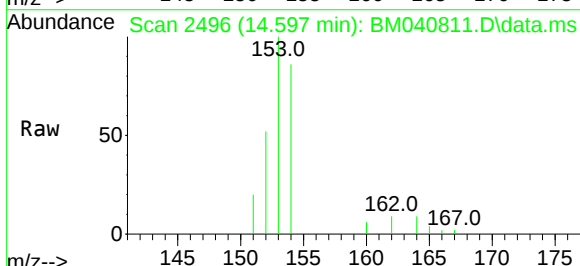
Tgt Ion:153 Resp: 5994

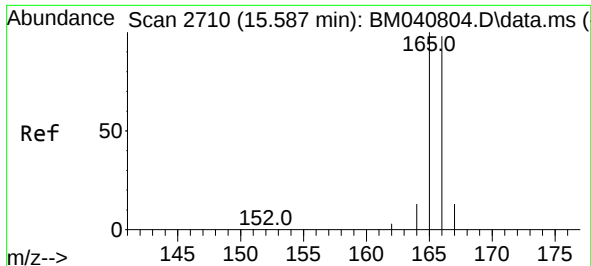
Ion Ratio Lower Upper

153 100

152 52.2 41.0 61.4

154 85.6 70.8 106.2

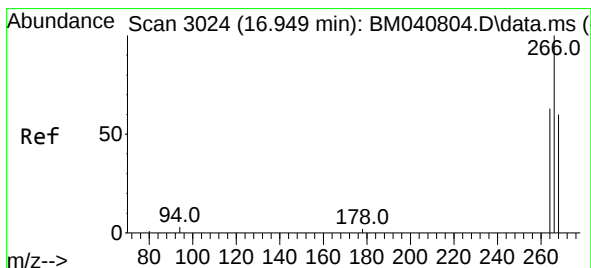
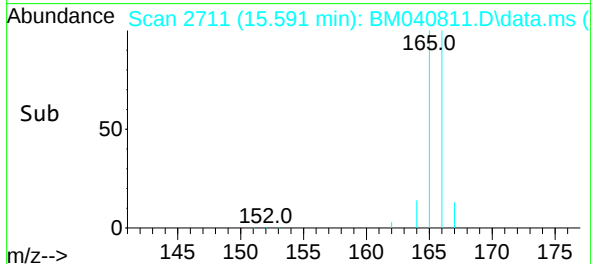
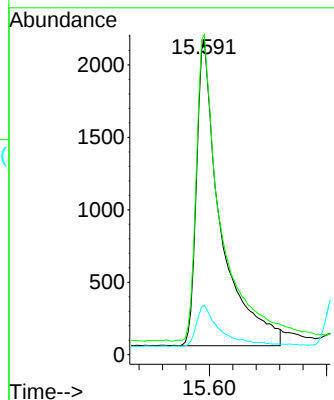
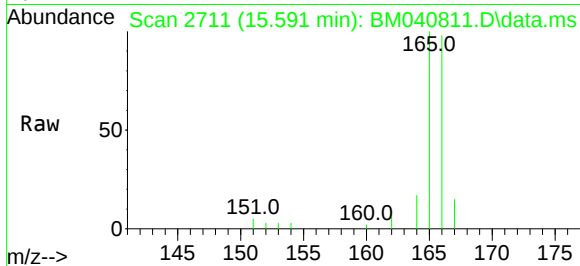




#12
 Fluorene
 Concen: 0.281 ng/ul
 RT: 15.591 min Scan# 2711
 Delta R.T. 0.000 min
 Lab File: BM040811.D
 Acq: 11 Jul 2023 14:02

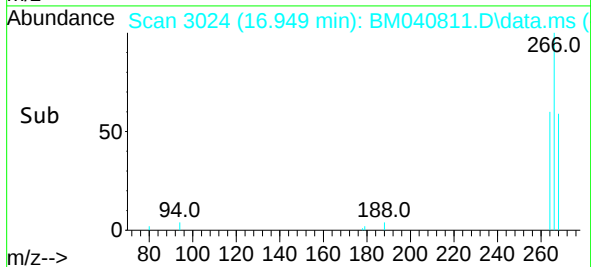
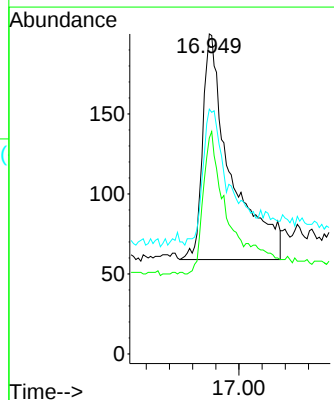
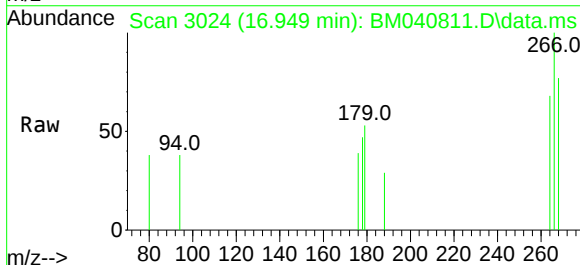
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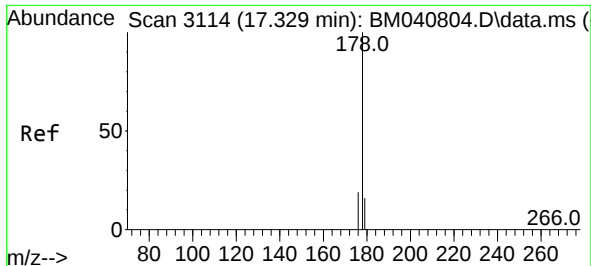
Tgt Ion:	166	Resp:	6042
Ion Ratio	Lower	Upper	
166	100		
165	101.6	79.6	119.4
167	15.7	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.304 ng/ul
 RT: 16.949 min Scan# 3024
 Delta R.T. -0.008 min
 Lab File: BM040811.D
 Acq: 11 Jul 2023 14:02

Tgt Ion:	266	Resp:	475
Ion Ratio	Lower	Upper	
266	100		
264	58.9	45.4	68.0
268	65.7	47.2	70.8

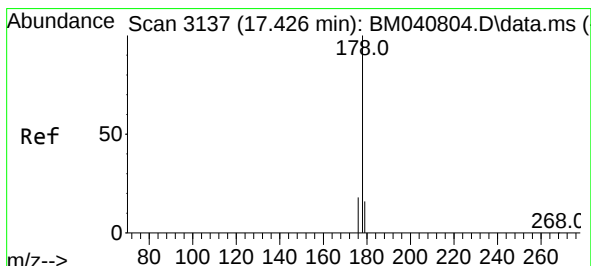
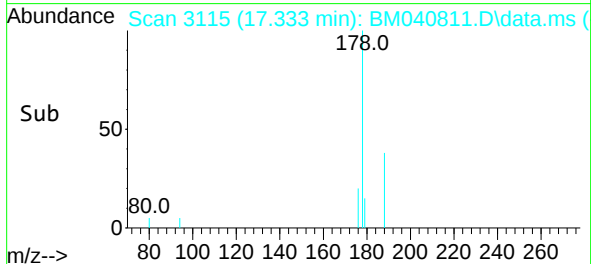
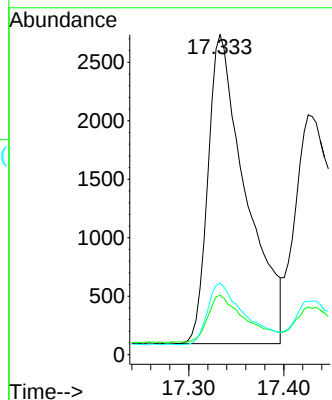
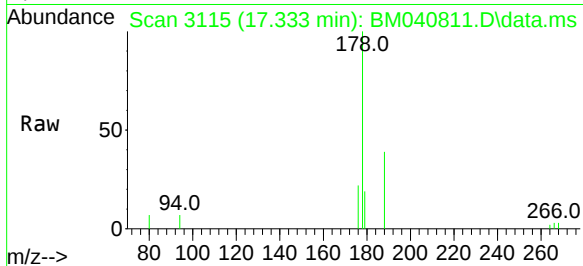




#15
Phenanthrene
Concen: 0.291 ng/u1
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

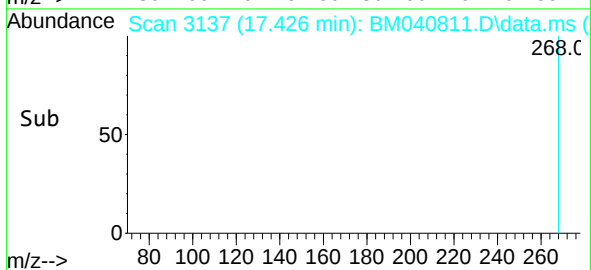
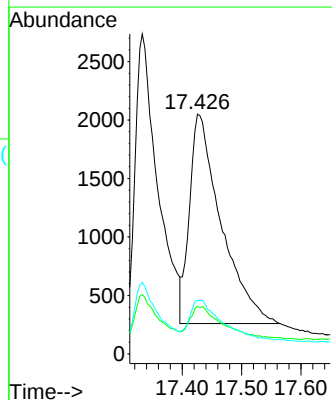
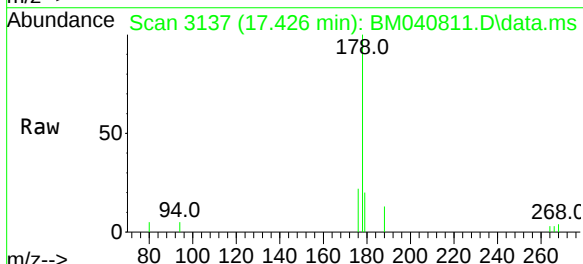
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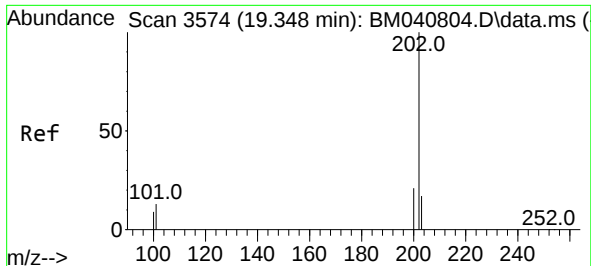
Tgt Ion:178 Resp: 7344
Ion Ratio Lower Upper
178 100
179 18.5 12.8 19.2
176 22.4 16.4 24.6



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:178 Resp: 6613
Ion Ratio Lower Upper
178 100
179 19.9 12.9 19.3#
176 22.2 15.8 23.6

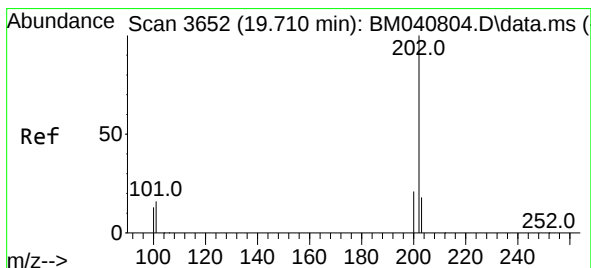
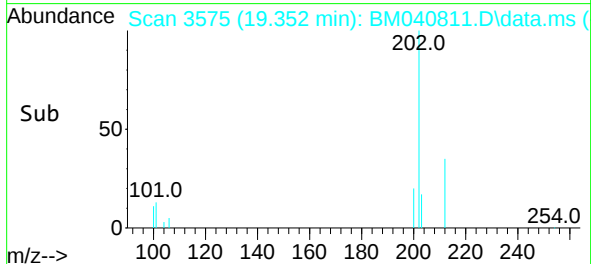
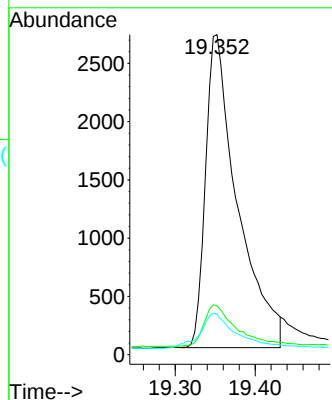
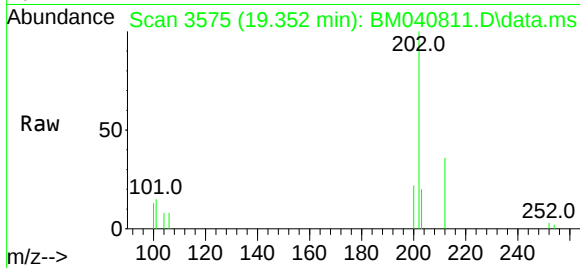




#19
Fluoranthene
Concen: 0.296 ng/u1
RT: 19.352 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

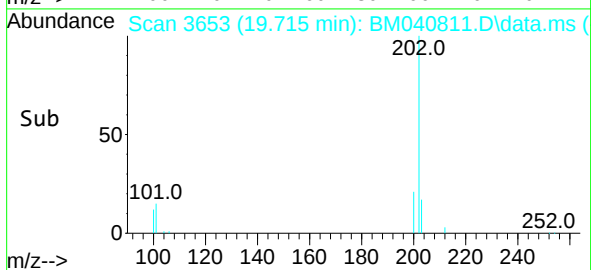
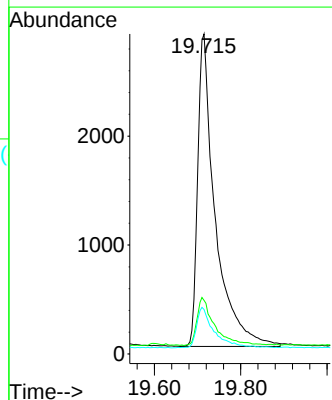
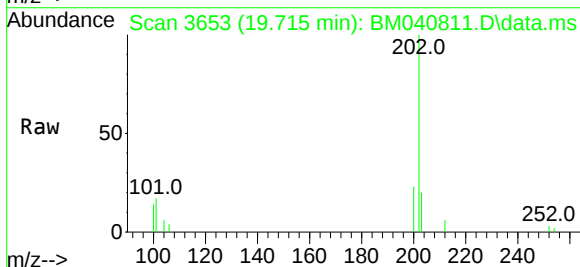
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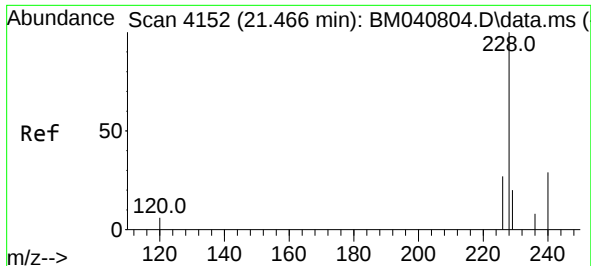
Tgt Ion:202 Resp: 7454
Ion Ratio Lower Upper
202 100
101 15.3 11.4 17.0
100 12.7 8.7 13.1



#20
Pyrene
Concen: 0.299 ng/u1
RT: 19.715 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:202 Resp: 8077
Ion Ratio Lower Upper
202 100
101 16.8 12.6 18.8
100 13.9 9.8 14.6

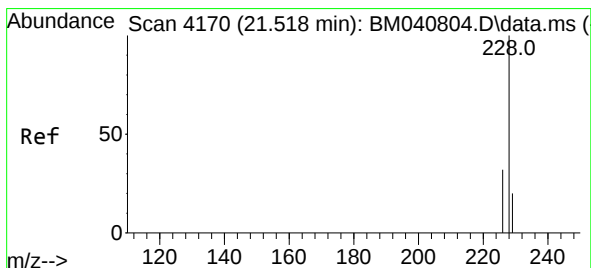
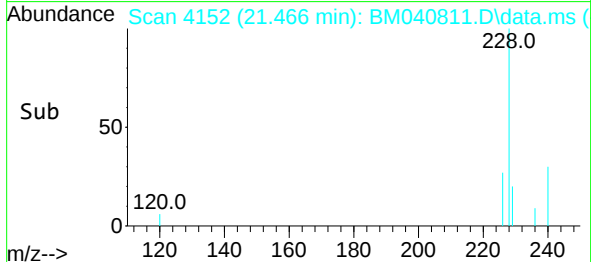
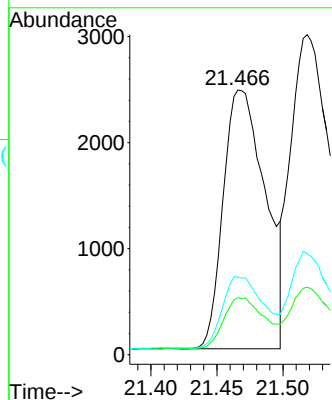
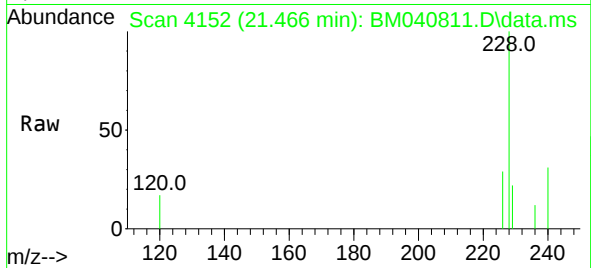




#21
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.466 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

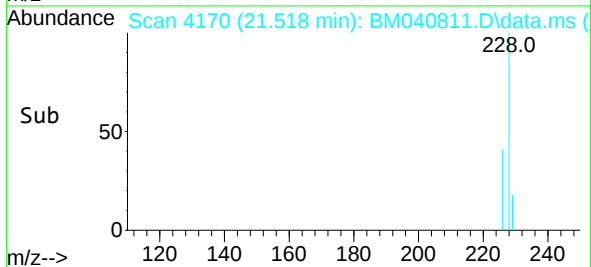
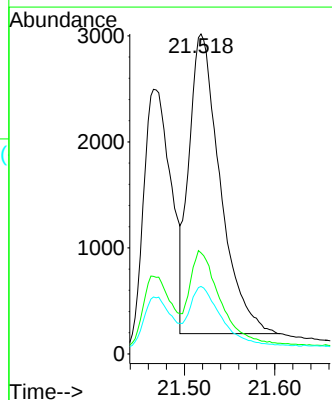
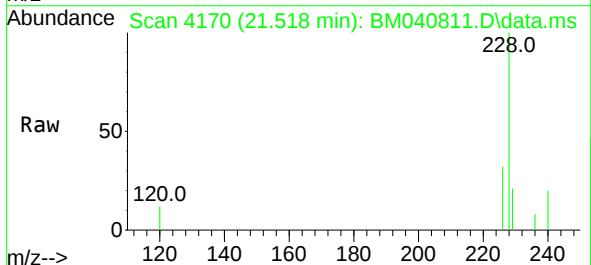
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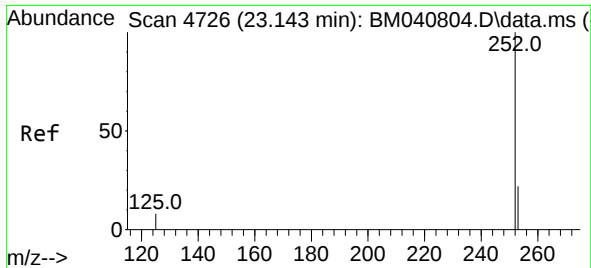
Tgt Ion:228	Resp:	5432
Ion Ratio	Lower	Upper
228	100	
229	21.5	16.0 24.0
226	29.3	22.3 33.5



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:228	Resp:	6788
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.9 37.3
229	21.1	15.8 23.6

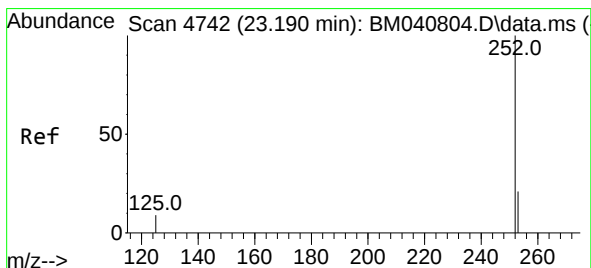
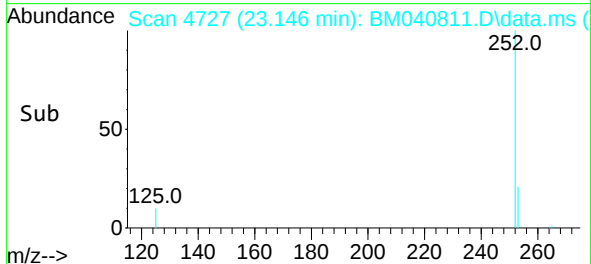
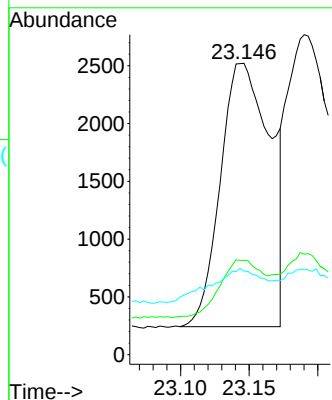
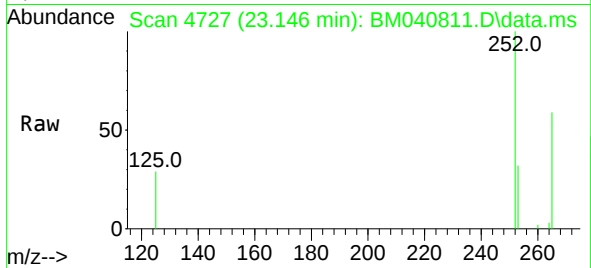




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.146 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

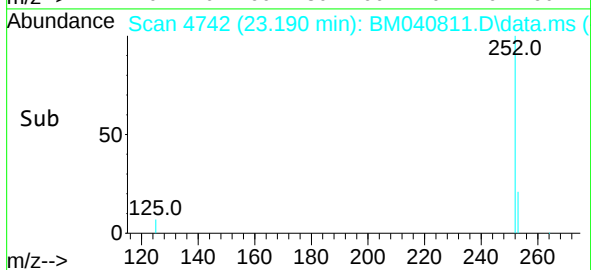
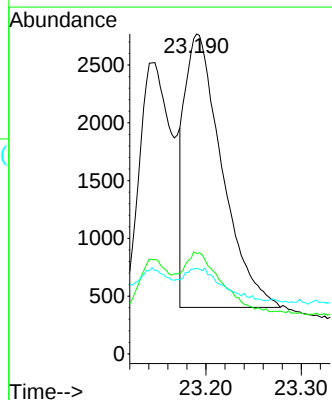
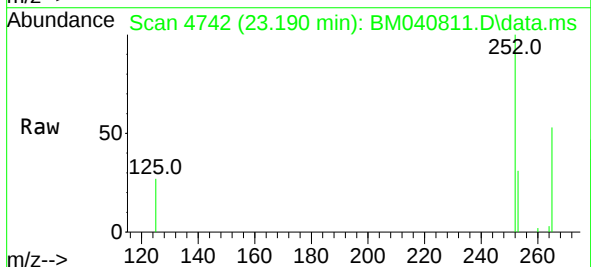
Instrument :
BNA_M
ClientSampleId :
SLCS963

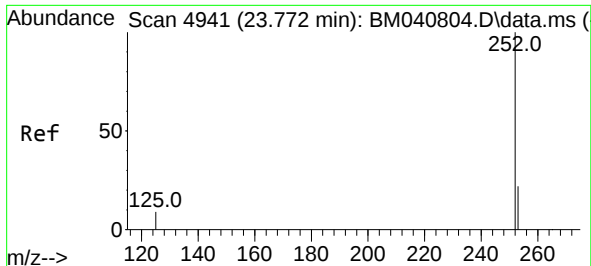
Tgt Ion:252 Resp: 5773
Ion Ratio Lower Upper
252 100
253 32.4 0.0 52.8
125 28.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:252 Resp: 6405
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 26.8 16.4 24.6#

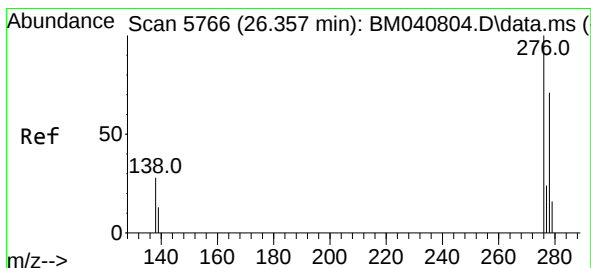
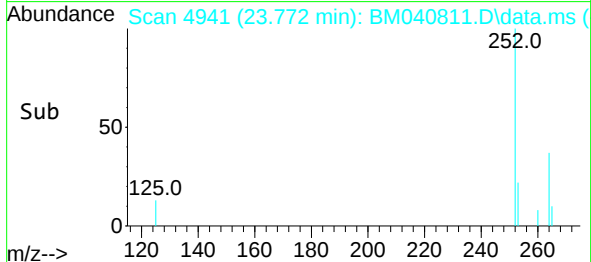
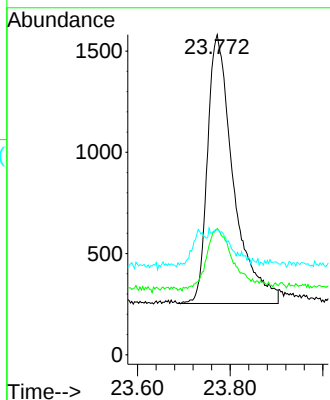
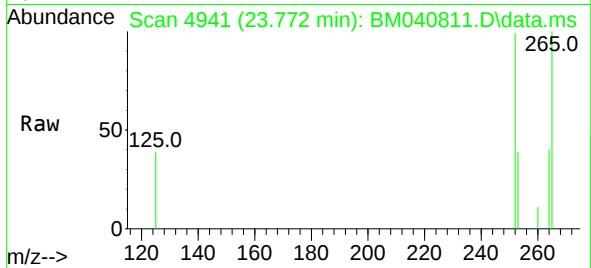




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.772 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

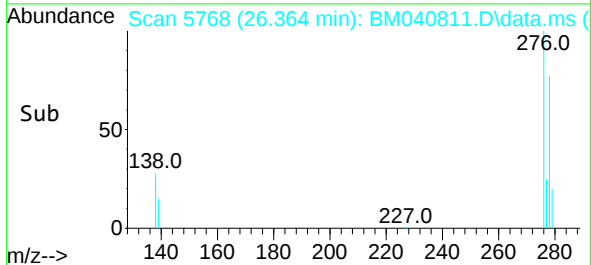
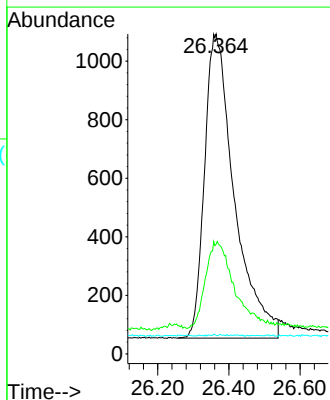
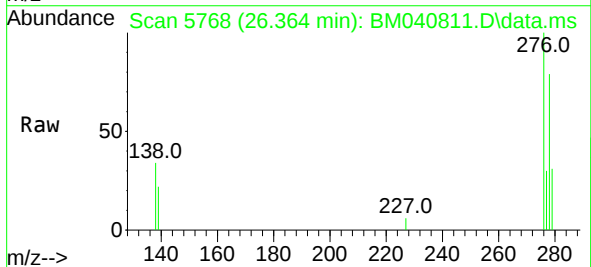
Instrument :
BNA_M
ClientSampleId :
SLCS963

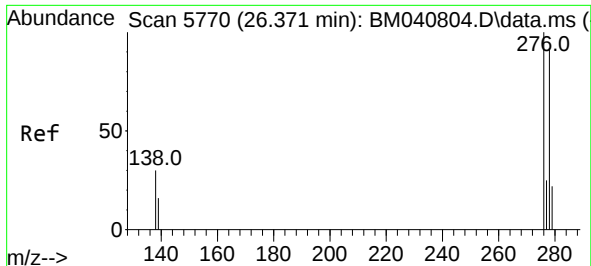
Tgt Ion:252 Resp: 5152
Ion Ratio Lower Upper
252 100
253 39.5 22.9 34.3#
125 38.9 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.364 min Scan# 5768
Delta R.T. 0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:276 Resp: 6035
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
227 0.0 0.1 0.1#

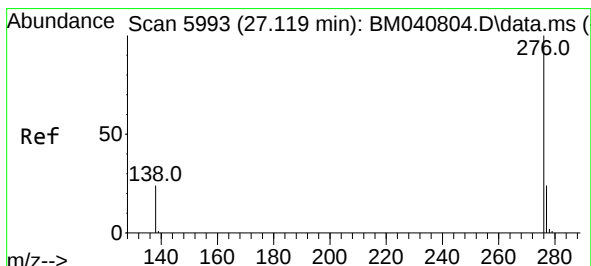
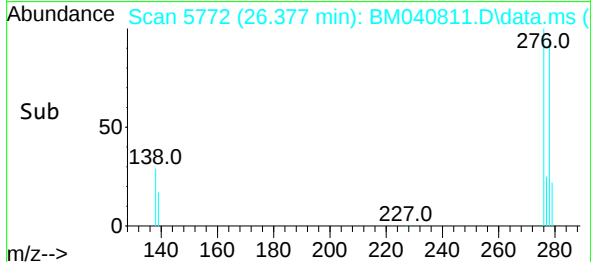
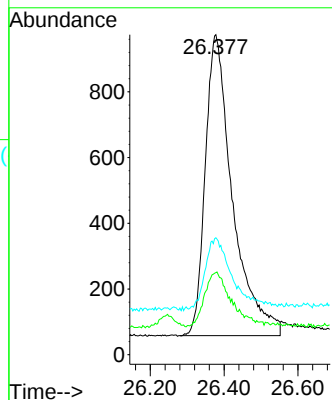
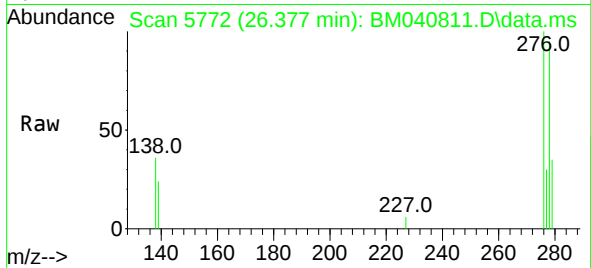




#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 26.377 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Instrument :
BNA_M
ClientSampleId :
SLCS963

Tgt Ion:278 Resp: 4703
Ion Ratio Lower Upper
278 100
139 25.7 17.9 26.9
279 36.6 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 27.115 min Scan# 5992
Delta R.T. -0.003 min
Lab File: BM040811.D
Acq: 11 Jul 2023 14:02

Tgt Ion:276 Resp: 5612
Ion Ratio Lower Upper
276 100
138 31.8 23.0 34.6
277 28.2 20.3 30.5

