

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040664.D
 Acq On : 06 Jul 2023 06:20
 Operator : MA/JU
 Sample : PB153515BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS515

Quant Time: Jul 06 07:08:27 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

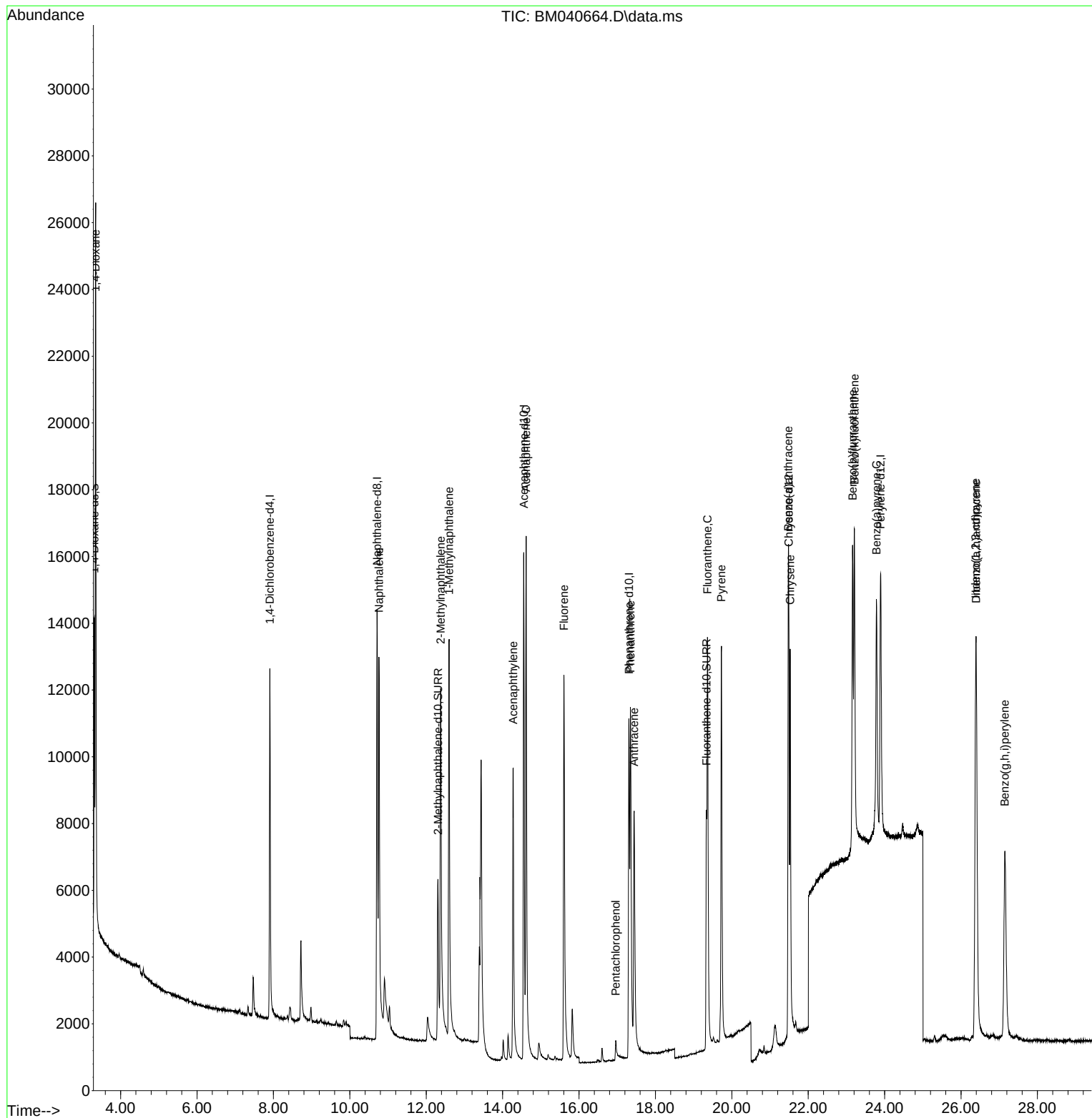
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	6347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	23385	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	10391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	17086	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	11029	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	13907	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5359	0.538	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	9737	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	10968	0.310	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	13861	1.366	ng/ul	93
5) Naphthalene	10.762	128	18935	0.294	ng/ul	99
7) 2-Methylnaphthalene	12.378	142	10906	0.288	ng/ul	98
8) 1-Methylnaphthalene	12.598	142	10457	0.276	ng/ul	99
10) Acenaphthylene	14.276	152	14270	0.307	ng/ul	98
11) Acenaphthene	14.614	153	10968	0.280	ng/ul	98
12) Fluorene	15.604	166	11269	0.269	ng/ul	97
14) Pentachlorophenol	16.961	266	842	0.256	ng/ul	94
15) Phenanthrene	17.349	178	14669	0.276	ng/ul	97
16) Anthracene	17.442	178	12969	0.291	ng/ul	96
19) Fluoranthene	19.366	202	13776	0.294	ng/ul	100
20) Pyrene	19.728	202	14339	0.285	ng/ul	99
21) Benzo(a)anthracene	21.477	228	11849	0.318	ng/ul	97
22) Chrysene	21.526	228	12317	0.289	ng/ul	98
24) Benzo(b)fluoranthene	23.160	252	14289	0.265	ng/ul	85
25) Benzo(k)fluoranthene	23.210	252	14555	0.274	ng/ul#	86
26) Benzo(a)pyrene	23.786	252	13610	0.281	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.387	276	18617	0.276	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.397	278	14672	0.278	ng/ul	93
29) Benzo(g,h,i)perylene	27.148	276	15854	0.268	ng/ul	96

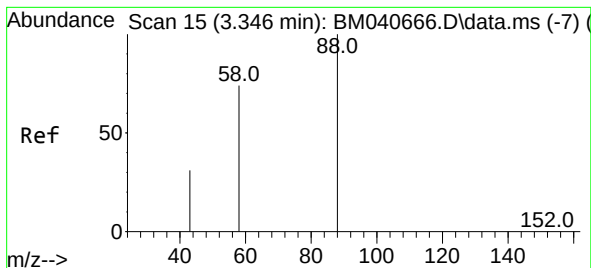
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.366 ng/ul

RT: 3.346 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM040664.D

Acq: 06 Jul 2023 06:20

Instrument :

BNA_M

ClientSampleId :

SLCS515

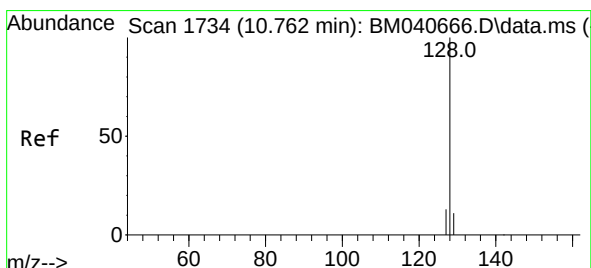
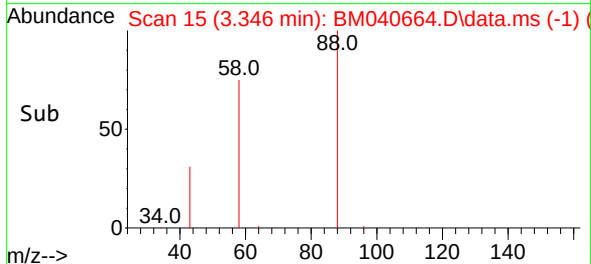
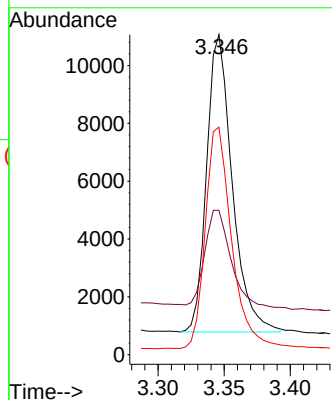
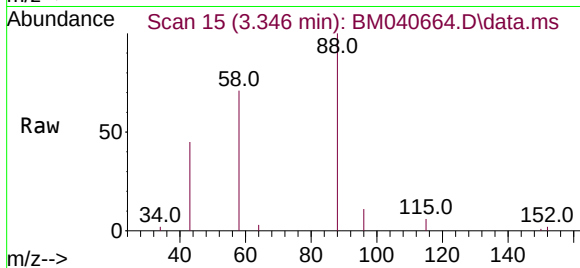
Tgt Ion: 88 Resp: 13861

Ion Ratio Lower Upper

88 100

43 45.1 36.1 54.1

58 71.1 49.8 74.8



#5

Naphthalene

Concen: 0.294 ng/ul

RT: 10.762 min Scan# 1734

Delta R.T. -0.004 min

Lab File: BM040664.D

Acq: 06 Jul 2023 06:20

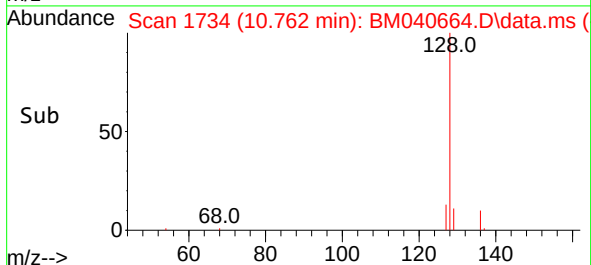
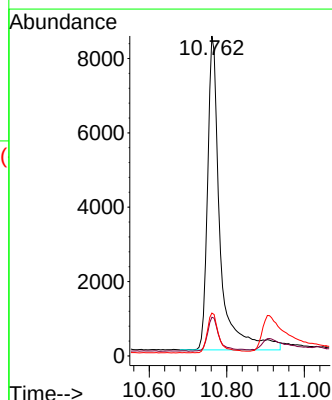
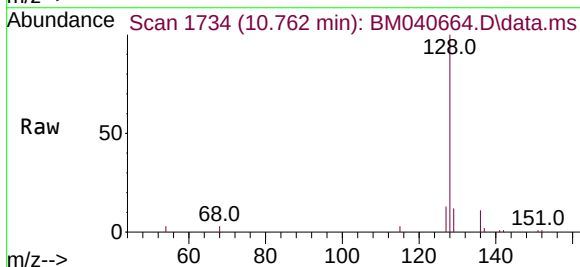
Tgt Ion:128 Resp: 18935

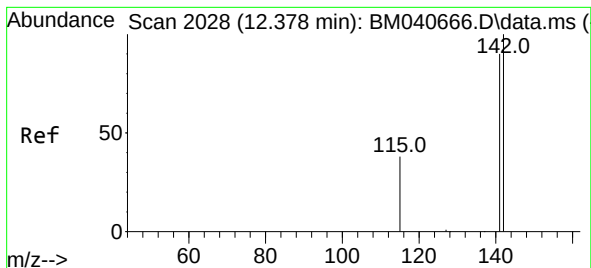
Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

127 13.4 10.6 15.8

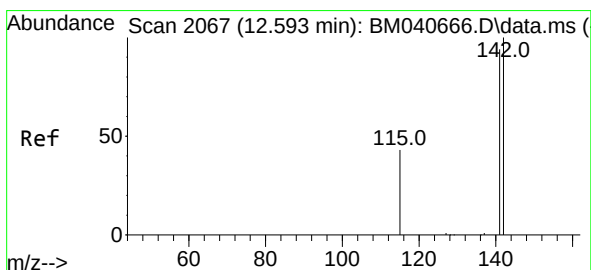
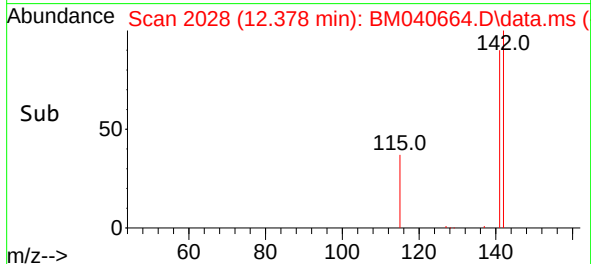
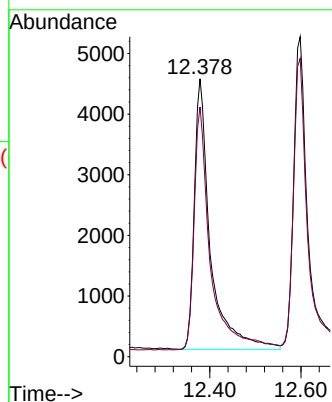
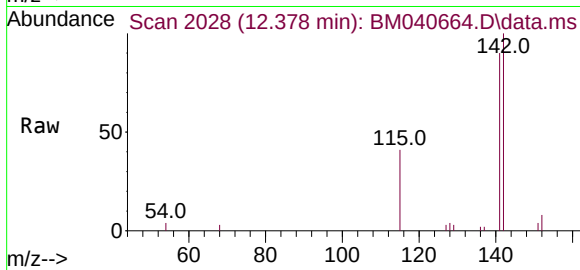




#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

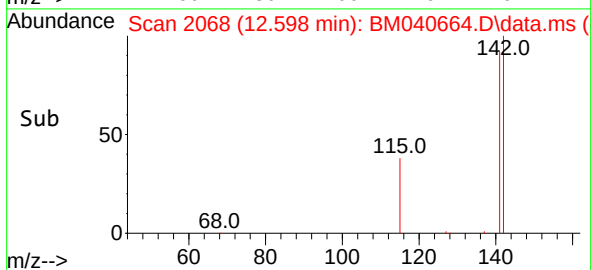
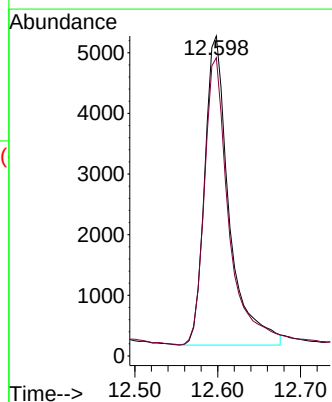
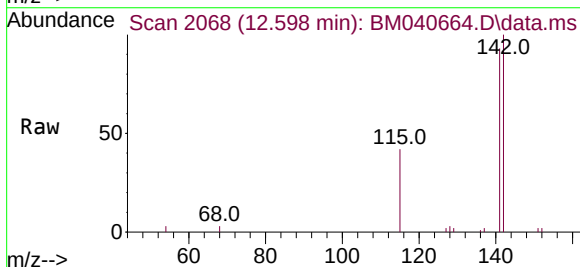
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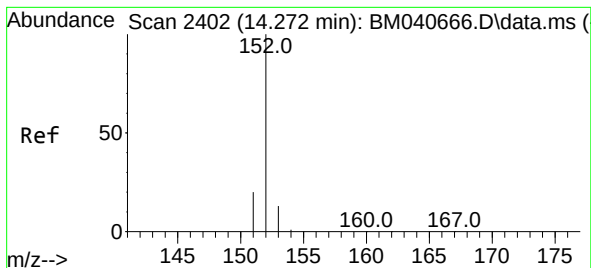
Tgt Ion:142 Resp: 10906
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:142 Resp: 10457
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5





#10

Acenaphthylene

Concen: 0.307 ng/ul

RT: 14.276 min Scan# 2402

Delta R.T. -0.003 min

Lab File: BM040664.D

Acq: 06 Jul 2023 06:20

Instrument :

BNA_M

ClientSampleId :

SLCS515

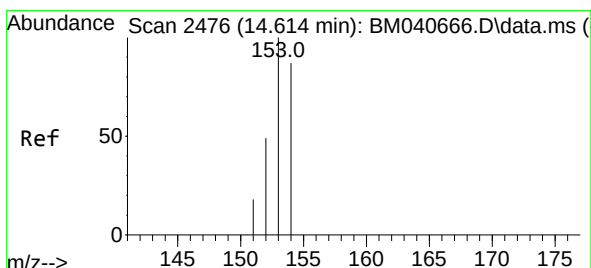
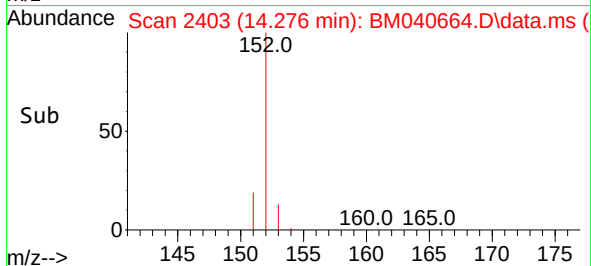
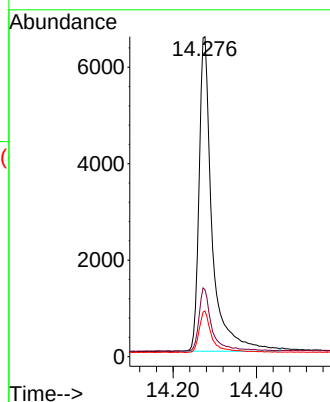
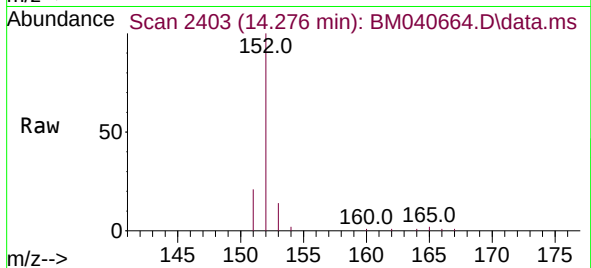
Tgt Ion:152 Resp: 14270

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 14.2 10.9 16.3



#11

Acenaphthene

Concen: 0.280 ng/ul

RT: 14.614 min Scan# 2476

Delta R.T. -0.003 min

Lab File: BM040664.D

Acq: 06 Jul 2023 06:20

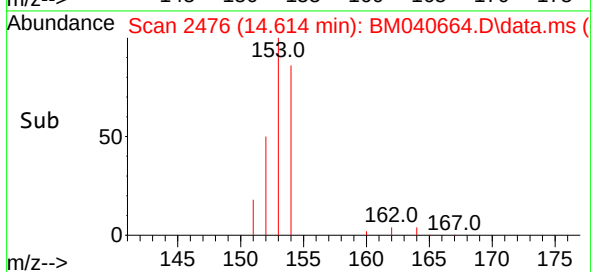
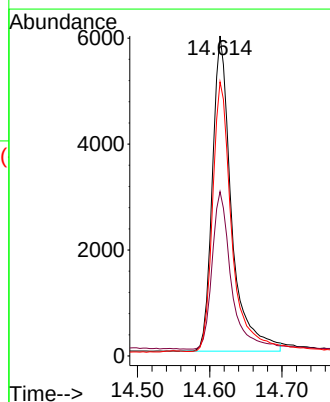
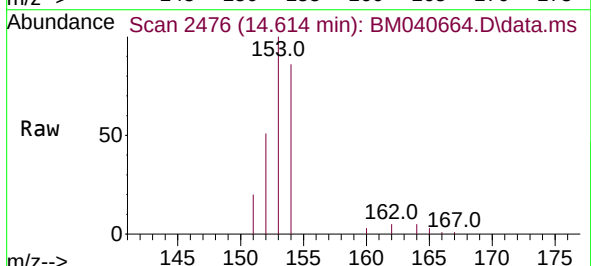
Tgt Ion:153 Resp: 10968

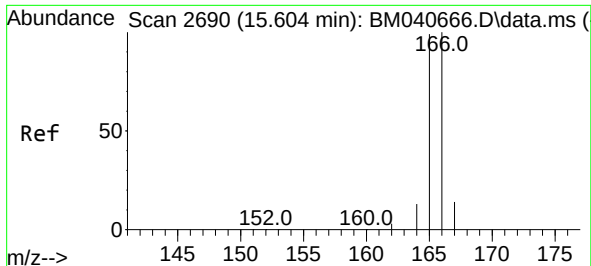
Ion Ratio Lower Upper

153 100

152 51.3 41.0 61.4

154 85.6 70.8 106.2

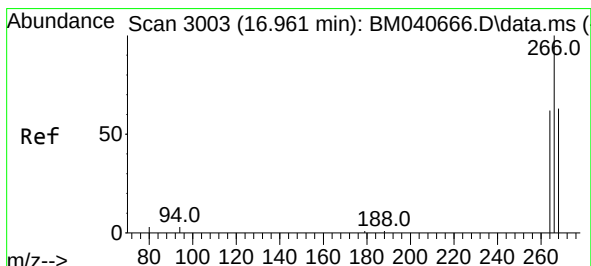
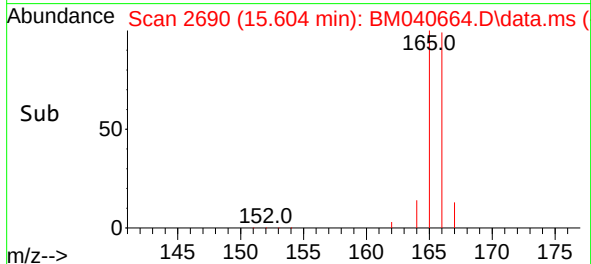
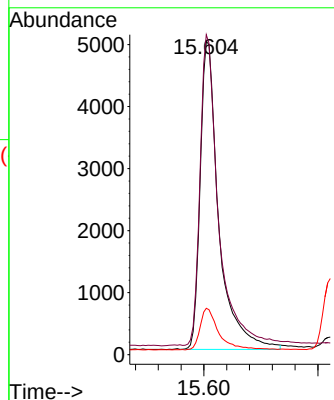
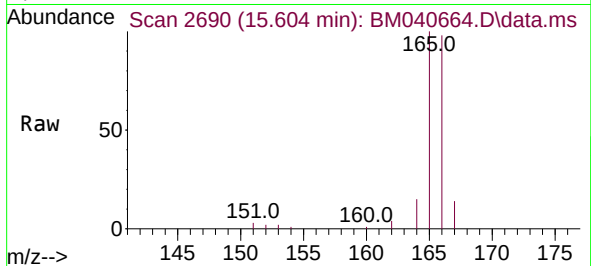




#12
Fluorene
Concen: 0.269 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.003 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

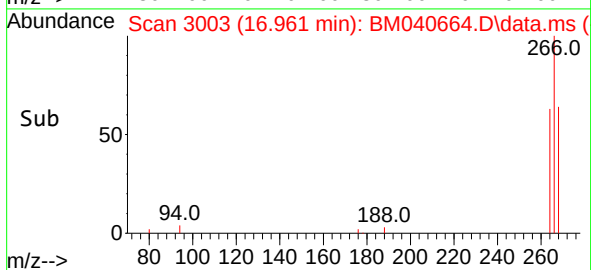
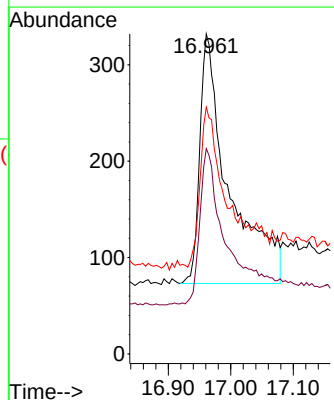
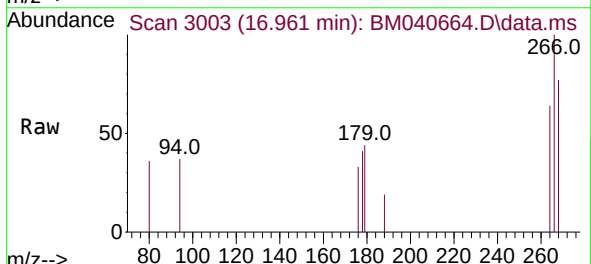
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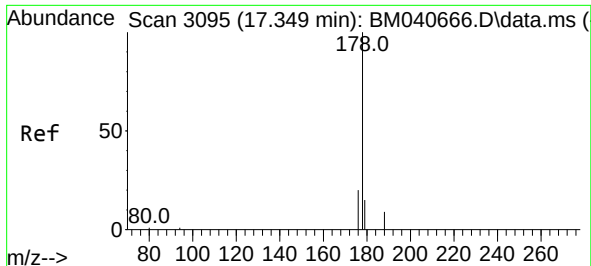
Tgt Ion:166	Resp:	11269
Ion	Ratio	Lower Upper
166	100	
165	102.2	79.6 119.4
167	14.8	11.4 17.0



#14
Pentachlorophenol
Concen: 0.256 ng/ul
RT: 16.961 min Scan# 3003
Delta R.T. -0.007 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:266	Resp:	842
Ion	Ratio	Lower Upper
266	100	
264	59.7	45.4 68.0
268	65.6	47.2 70.8

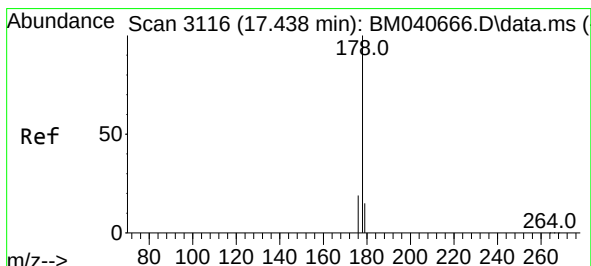
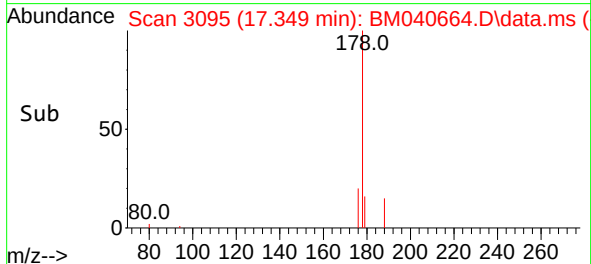
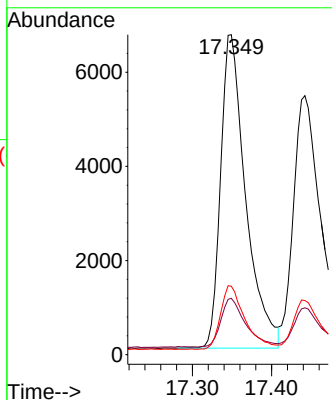
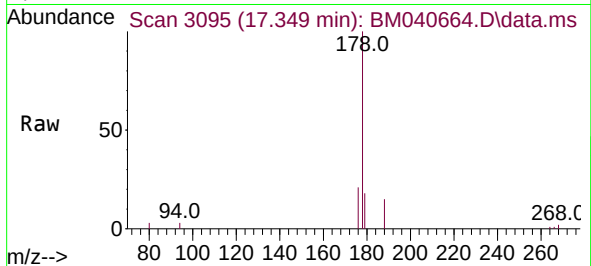




#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

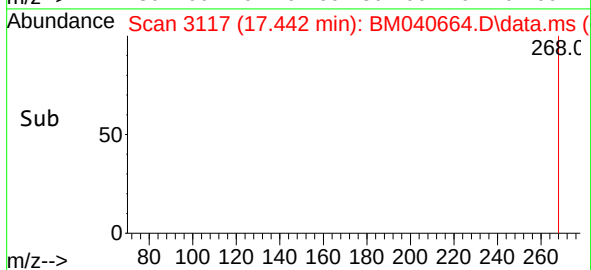
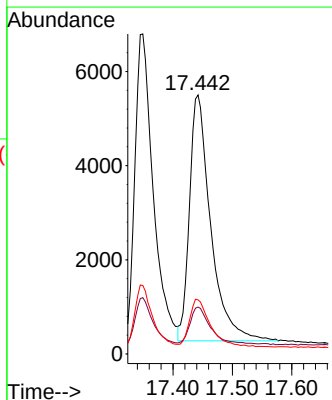
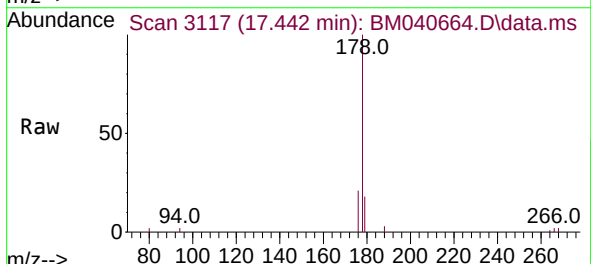
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SLCS515

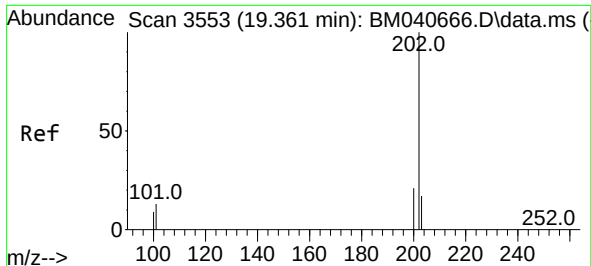
Tgt Ion:	178	Resp:	14669
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.8	19.2
176	21.4	16.4	24.6



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.003 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:	178	Resp:	12969
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.9	19.3
176	20.9	15.8	23.6

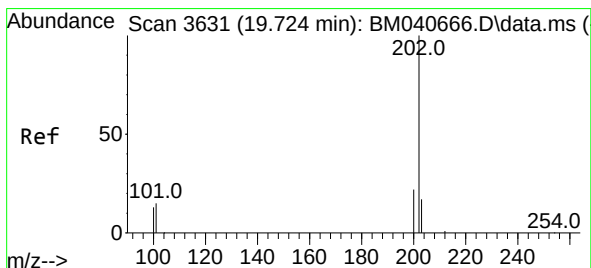
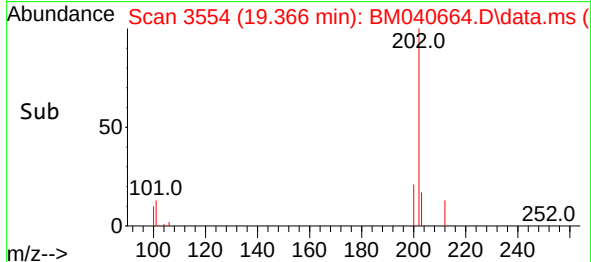
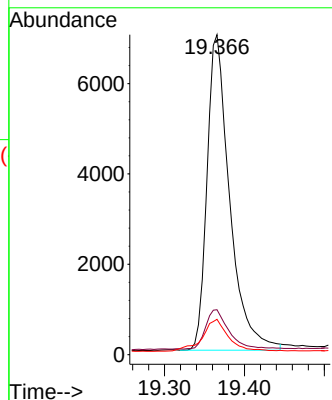
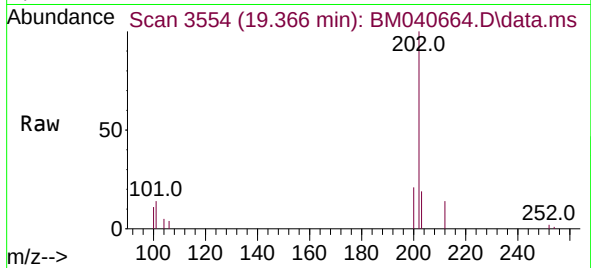




#19
Fluoranthene
Concen: 0.294 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

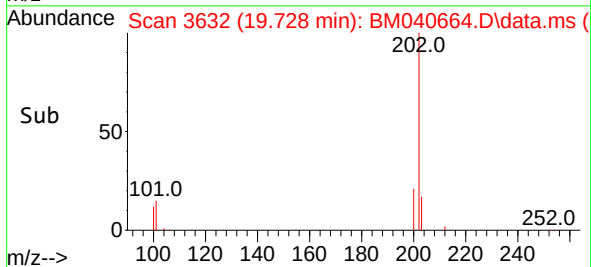
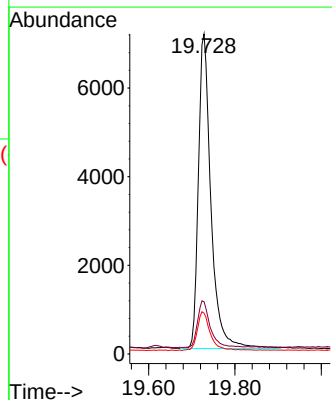
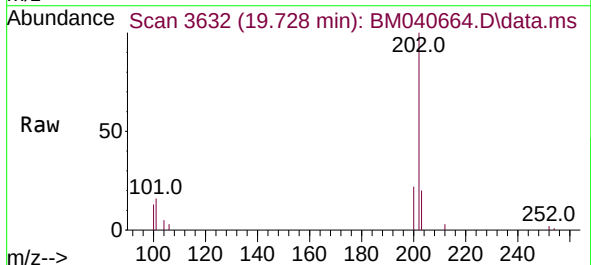
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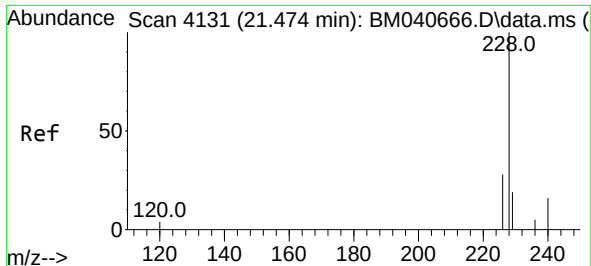
Tgt Ion:202 Resp: 13776
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.285 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:202 Resp: 14339
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 12.7 9.8 14.6

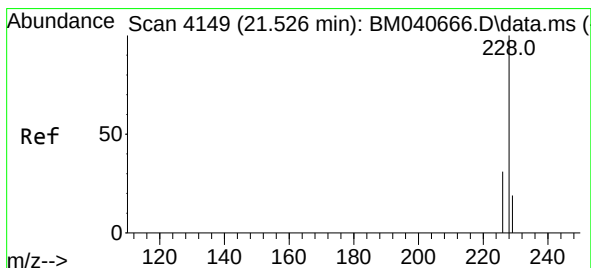
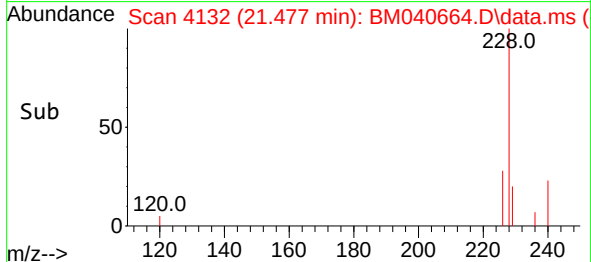
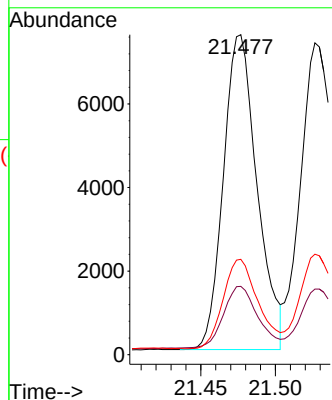
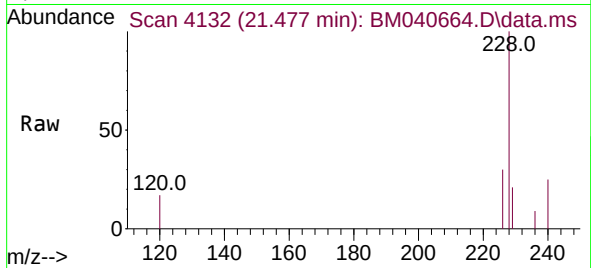




#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.001 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

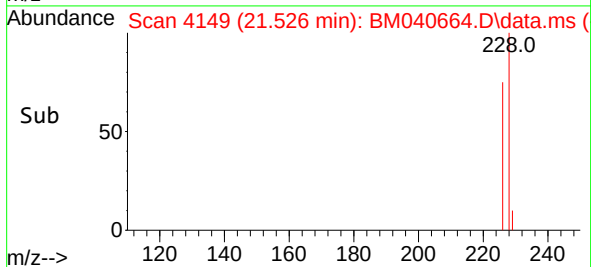
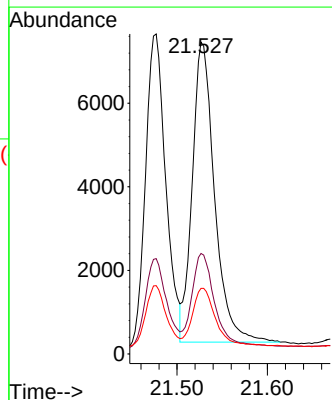
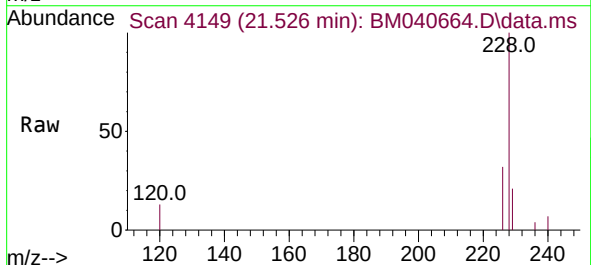
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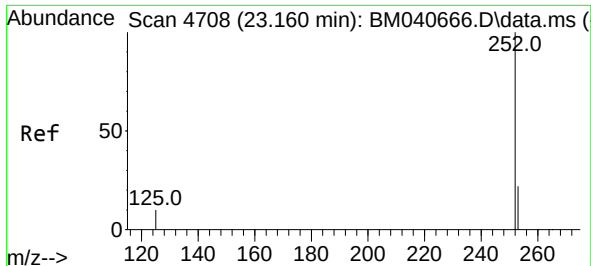
Tgt Ion:228 Resp: 11849
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.8 22.3 33.5



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.004 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:228 Resp: 12317
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 21.0 15.8 23.6

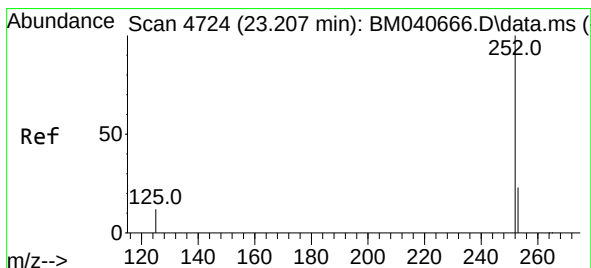
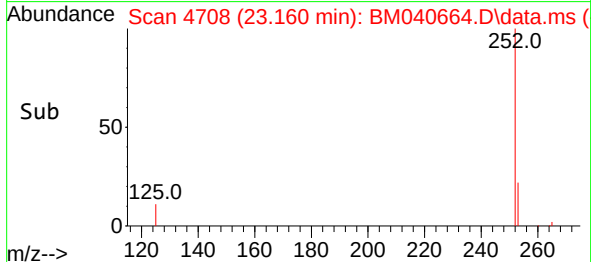
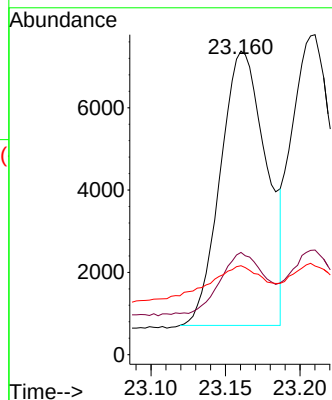
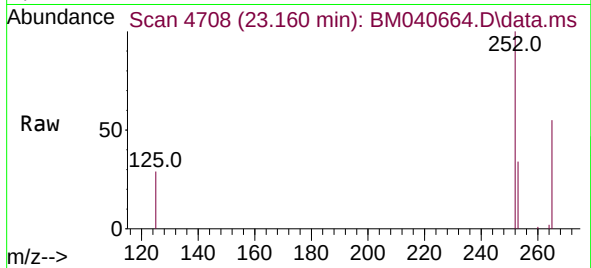




#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 23.160 min Scan# 4708
Delta R.T. -0.007 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

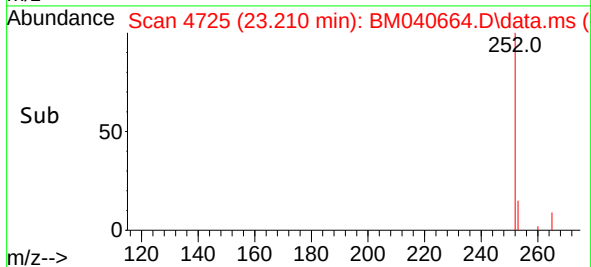
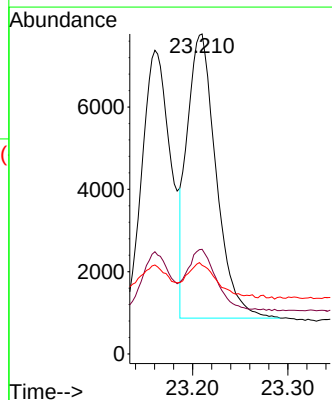
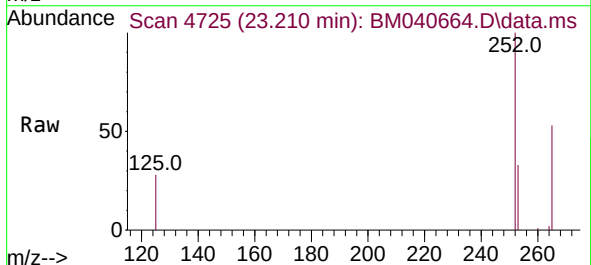
Instrument :
BNA_M
ClientSampleId :
SLCS515

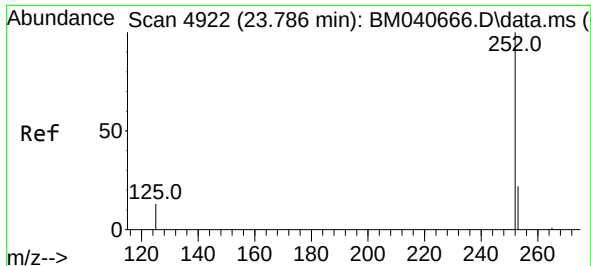
Tgt Ion:	252	Resp:	14289
Ion Ratio	Lower	Upper	
252	100		
253	33.7	0.0	52.8
125	29.3	0.0	43.0



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.001 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:	252	Resp:	14555
Ion Ratio	Lower	Upper	
252	100		
253	32.7	21.2	31.8#
125	27.7	16.4	24.6#

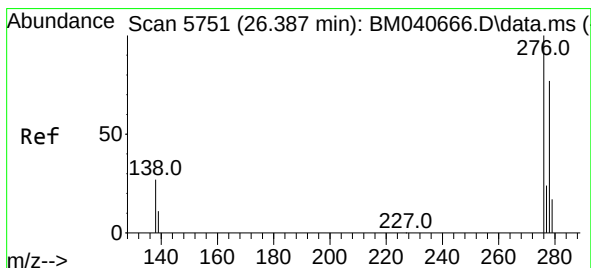
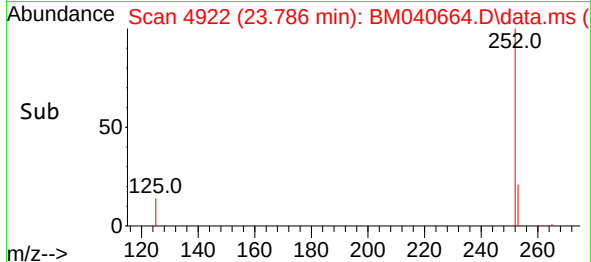
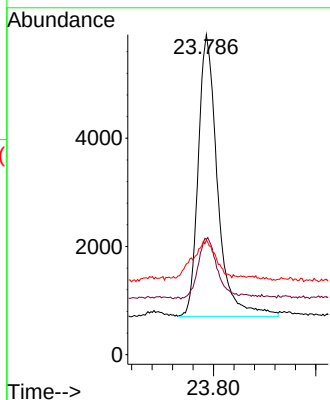
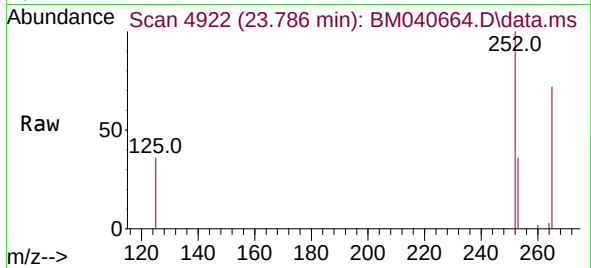




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.786 min Scan# 4922
Delta R.T. -0.007 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

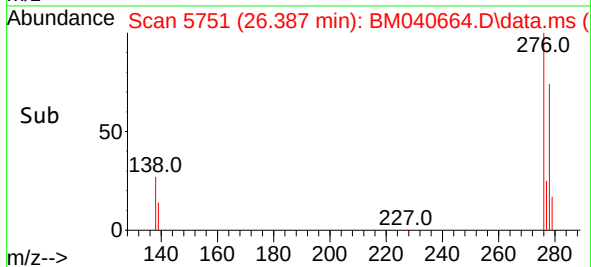
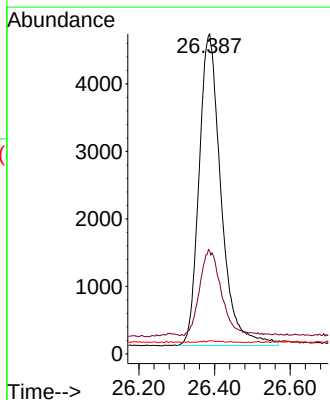
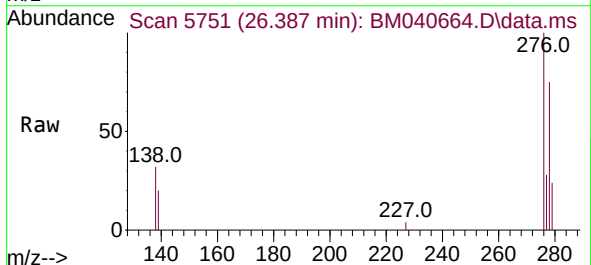
Instrument :
BNA_M
ClientSampleId :
SLCS515

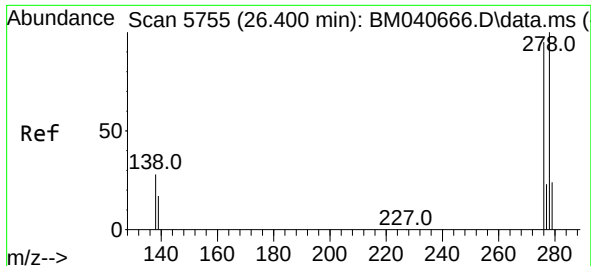
Tgt Ion:252 Resp: 13610
Ion Ratio Lower Upper
252 100
253 36.0 22.9 34.3#
125 35.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.002 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:276 Resp: 18617
Ion Ratio Lower Upper
276 100
138 27.6 24.5 36.7
227 0.3 0.1 0.1#

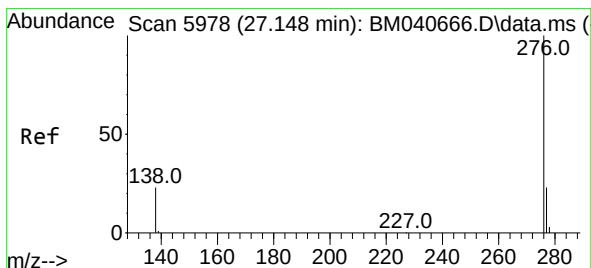
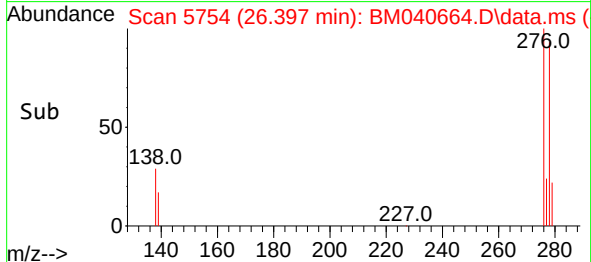
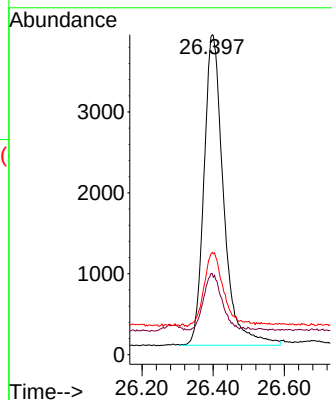
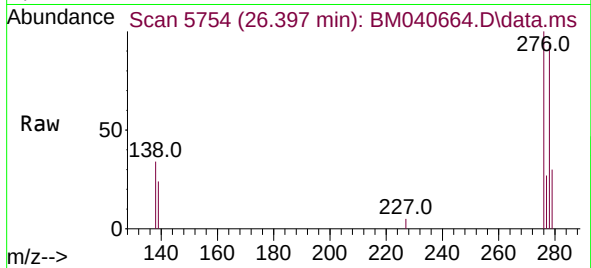




#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 26.397 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Instrument :
BNA_M
ClientSampleId :
SLCS515

Tgt Ion:278 Resp: 14672
Ion Ratio Lower Upper
278 100
139 25.4 17.9 26.9
279 31.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.015 min
Lab File: BM040664.D
Acq: 06 Jul 2023 06:20

Tgt Ion:276 Resp: 15854
Ion Ratio Lower Upper
276 100
138 30.8 23.0 34.6
277 27.1 20.3 30.5

