

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042064.D
 Acq On : 26 Sep 2023 10:51
 Operator : MA/JU
 Sample : PB155718BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS718

Quant Time: Sep 27 04:24:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

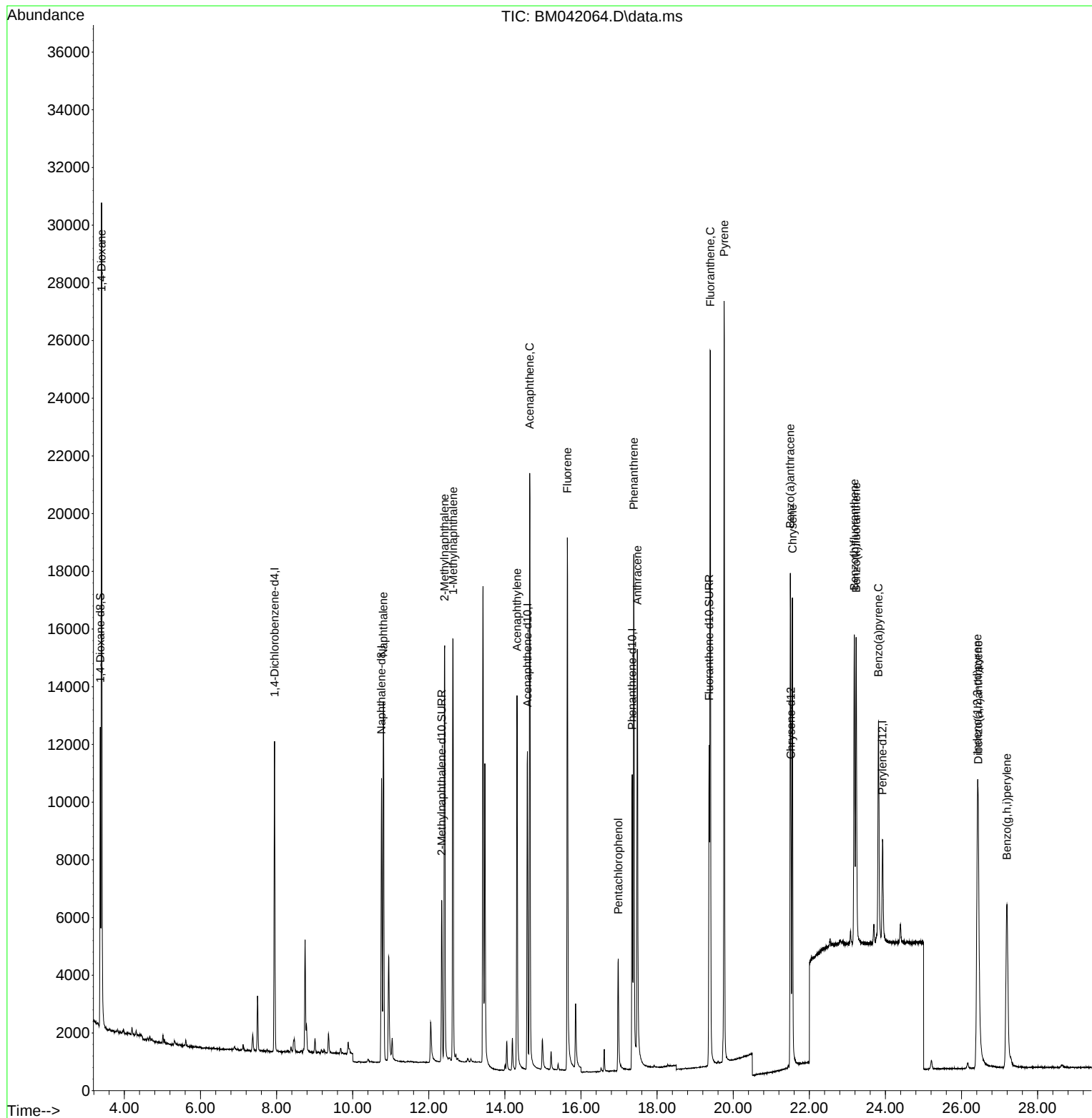
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	5437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	12965	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	6023	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	11603	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	5056	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	5070	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	5786	0.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	7365	0.454	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	10007	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	17020	2.183	ng/ul#	85
5) Naphthalene	10.807	128	17399	0.401	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	10767	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	10377	0.395	ng/ul	99
10) Acenaphthylene	14.319	152	16523	0.409	ng/ul	100
11) Acenaphthene	14.652	153	12219	0.395	ng/ul	100
12) Fluorene	15.642	166	13473	0.387	ng/ul	99
14) Pentachlorophenol	16.978	266	3118	0.508	ng/ul	99
15) Phenanthrene	17.388	178	20673	0.384	ng/ul	99
16) Anthracene	17.481	178	17906	0.385	ng/ul	99
19) Fluoranthene	19.399	202	21648	0.379	ng/ul	99
20) Pyrene	19.761	202	22119	0.394	ng/ul	99
21) Benzo(a)anthracene	21.501	228	14222	0.371	ng/ul	99
22) Chrysene	21.556	228	14667	0.370	ng/ul	98
24) Benzo(b)fluoranthene	23.182	252	14158	0.363	ng/ul	96
25) Benzo(k)fluoranthene	23.231	252	13988	0.369	ng/ul	97
26) Benzo(a)pyrene	23.816	252	12544	0.391	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.418	276	16216	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.441	278	11884	0.373	ng/ul	99
29) Benzo(g,h,i)perylene	27.193	276	13975	0.377	ng/ul	99

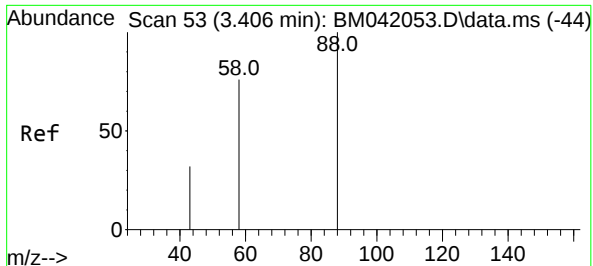
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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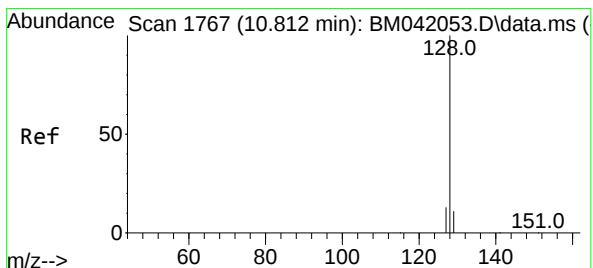
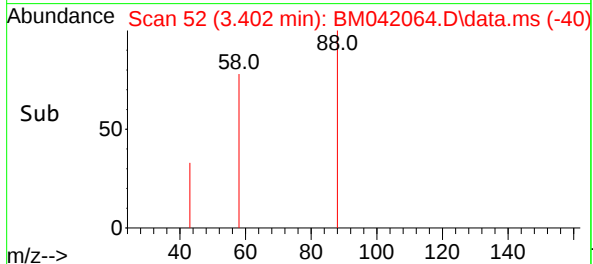
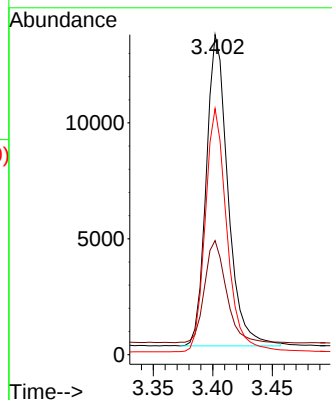
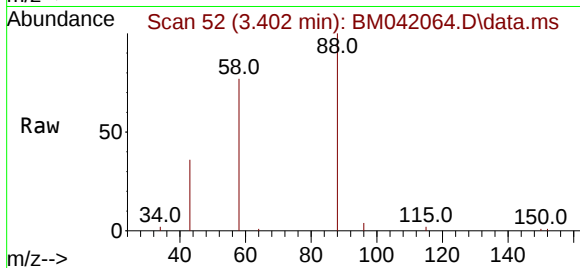




#2
1,4-Dioxane
Concen: 2.183 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

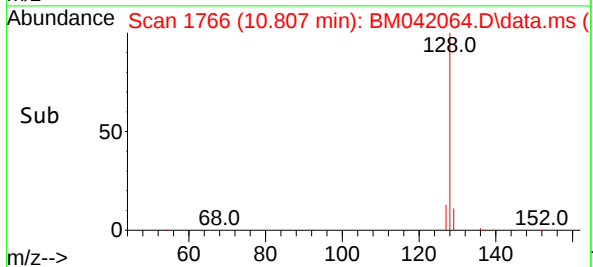
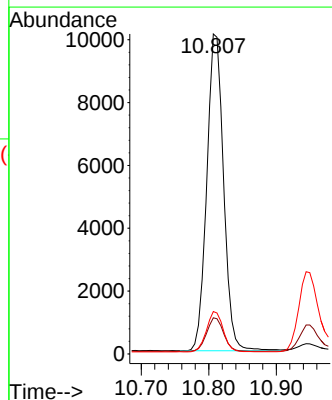
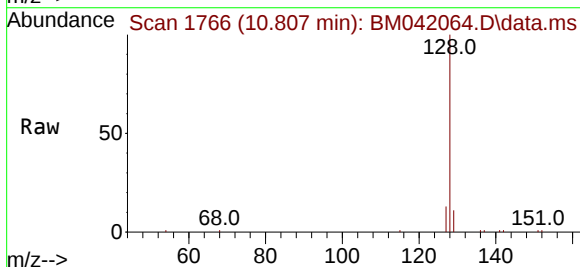
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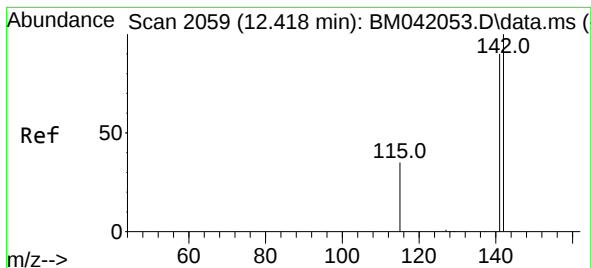
Tgt Ion: 88 Resp: 17020
Ion Ratio Lower Upper
88 100
43 35.6 42.9 64.3#
58 76.9 56.4 84.6



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion: 128 Resp: 17399
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.8 16.2

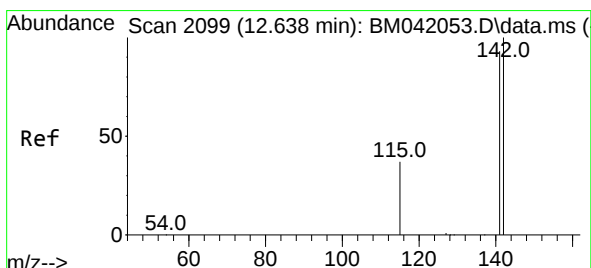
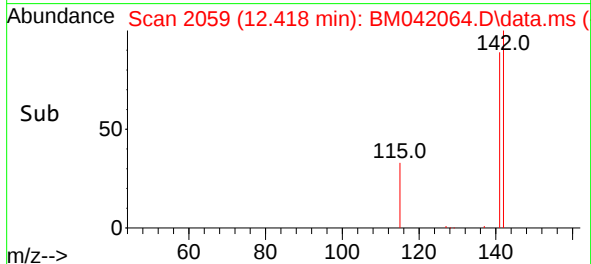
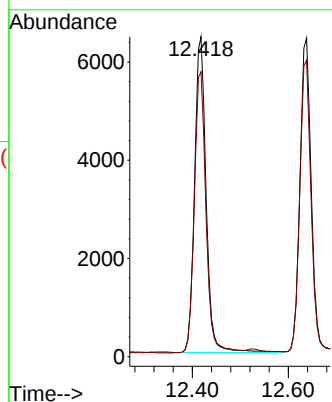
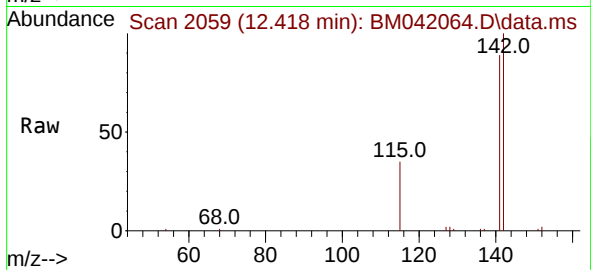




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

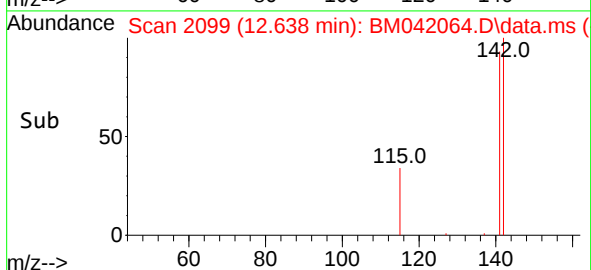
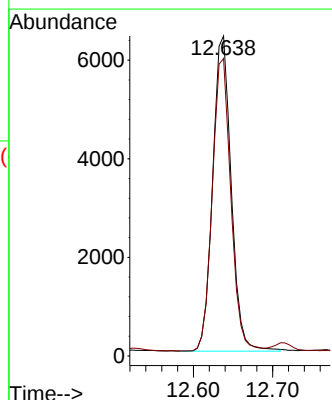
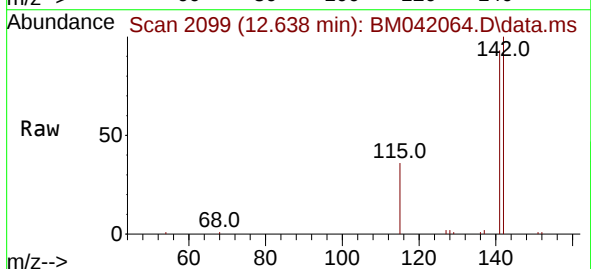
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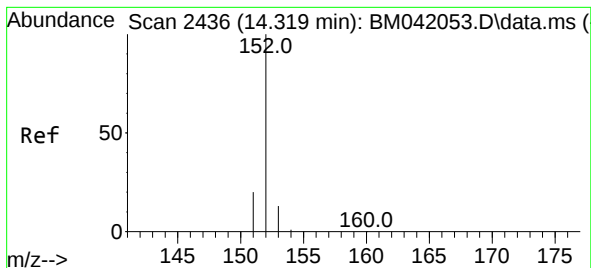
Tgt Ion:142 Resp: 10767
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:142 Resp: 10377
Ion Ratio Lower Upper
142 100
141 92.8 75.1 112.7





#10

Acenaphthylene

Concen: 0.409 ng/u1

RT: 14.319 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BM042064.D

Acq: 26 Sep 2023 10:51

Instrument :

BNA_M

ClientSampleId :

SLCS718

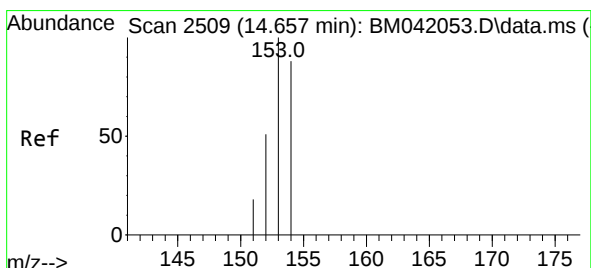
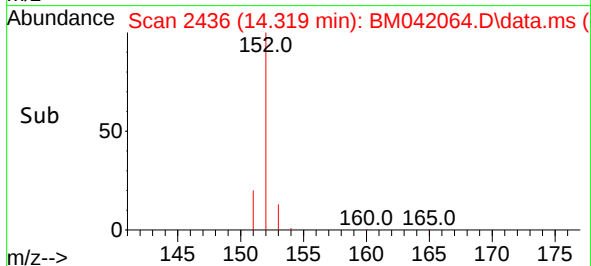
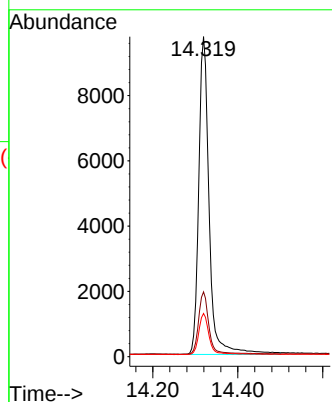
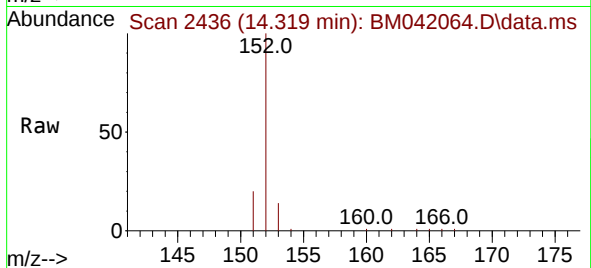
Tgt Ion:152 Resp: 16523

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.5 10.8 16.2



#11

Acenaphthene

Concen: 0.395 ng/u1

RT: 14.652 min Scan# 2508

Delta R.T. -0.009 min

Lab File: BM042064.D

Acq: 26 Sep 2023 10:51

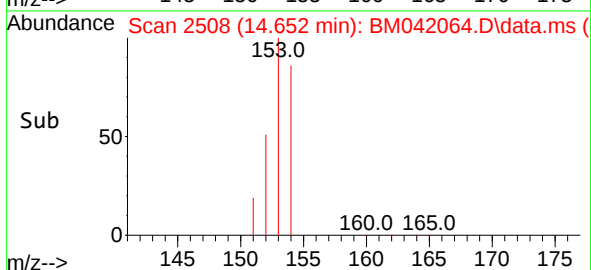
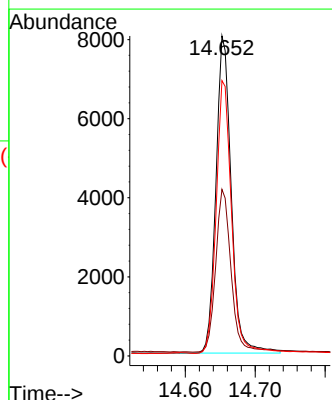
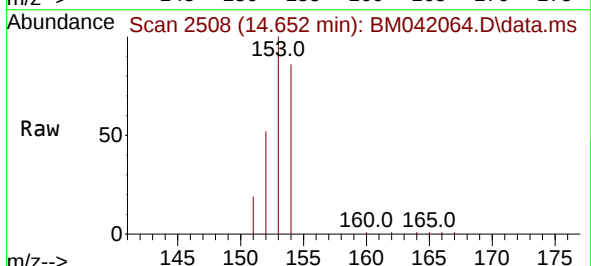
Tgt Ion:153 Resp: 12219

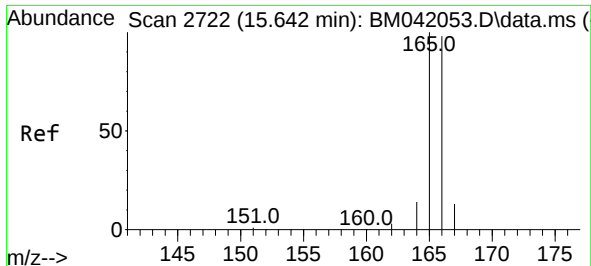
Ion Ratio Lower Upper

153 100

152 52.0 41.8 62.8

154 86.0 69.0 103.6

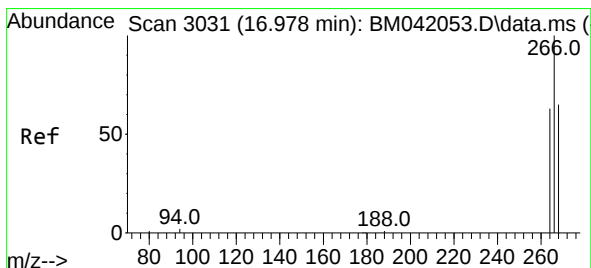
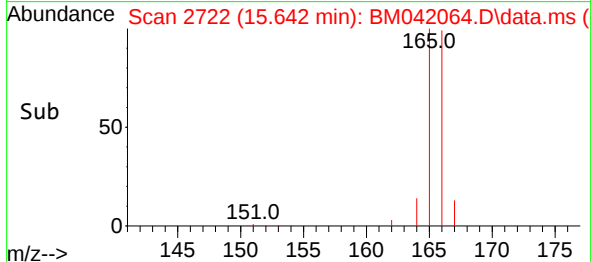
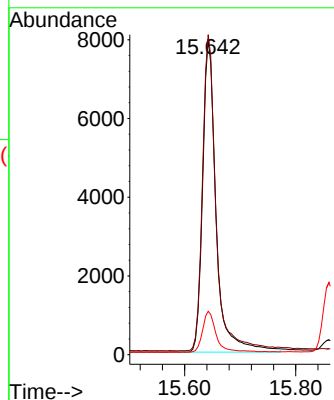
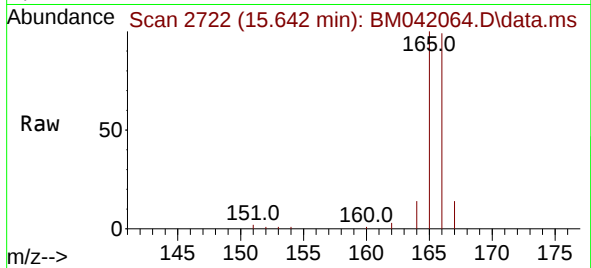




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.642 min Scan# 2722
 Delta R.T. -0.009 min
 Lab File: BM042064.D
 Acq: 26 Sep 2023 10:51

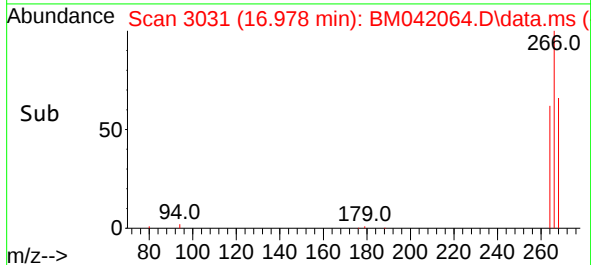
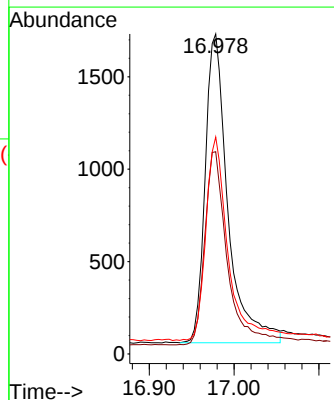
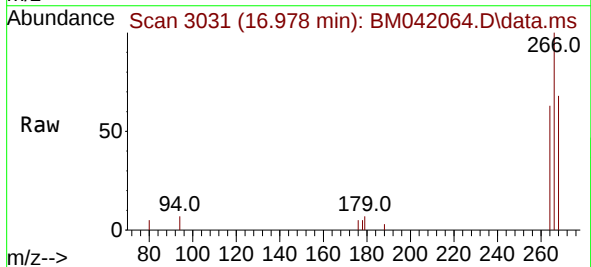
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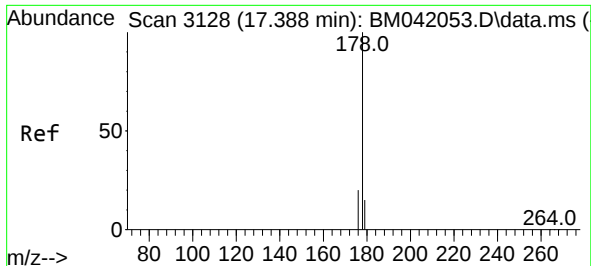
Tgt Ion:166 Resp: 13473
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.8 119.8
 167 13.7 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.508 ng/ul
 RT: 16.978 min Scan# 3031
 Delta R.T. -0.004 min
 Lab File: BM042064.D
 Acq: 26 Sep 2023 10:51

Tgt Ion:266 Resp: 3118
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.2 75.4
 268 64.6 51.0 76.4

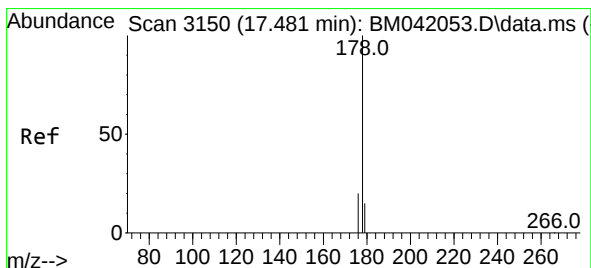
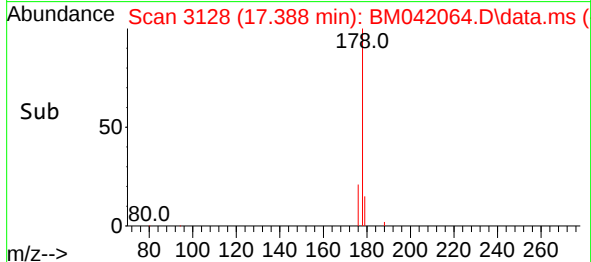
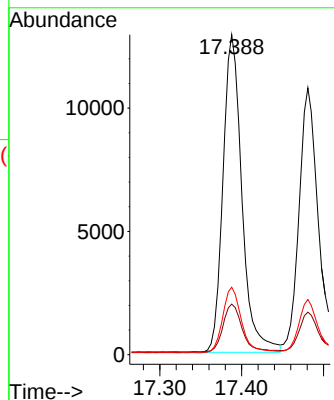
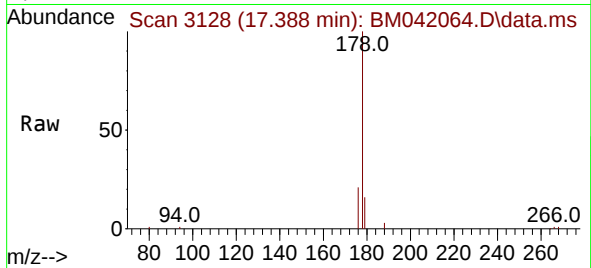




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

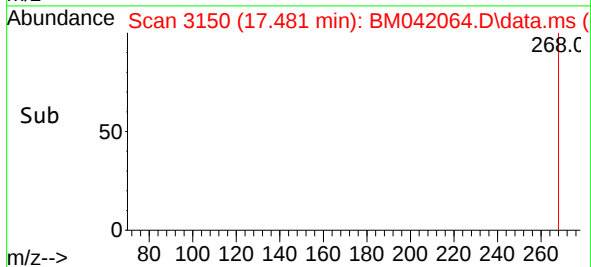
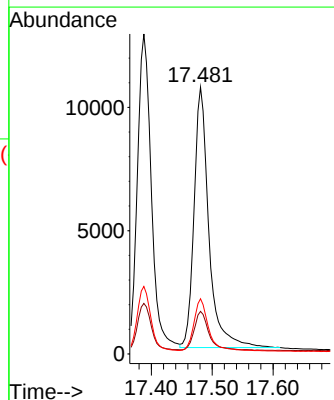
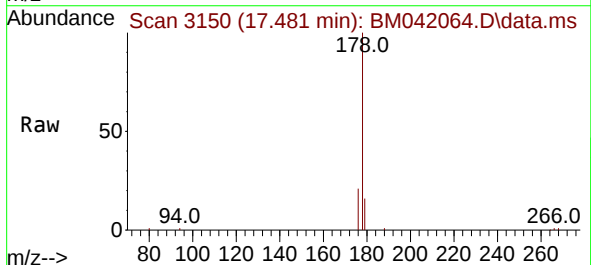
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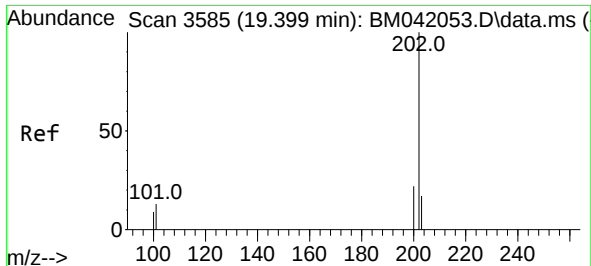
Tgt Ion:178 Resp: 20673
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 21.1 16.6 24.8



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:178 Resp: 17906
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.7 16.2 24.2

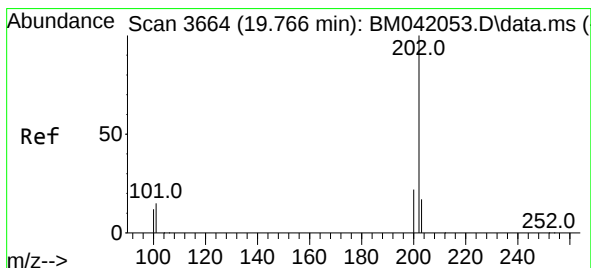
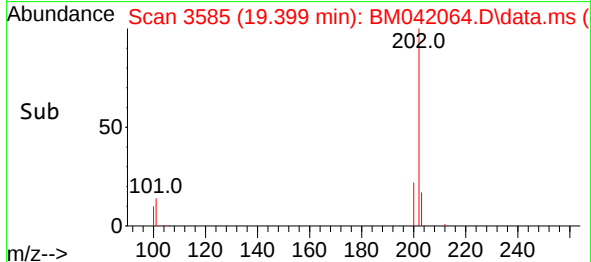
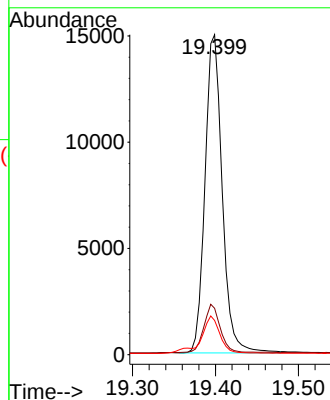
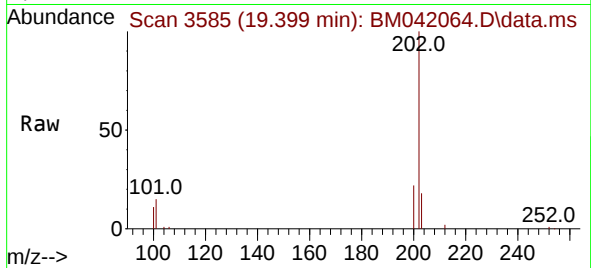




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

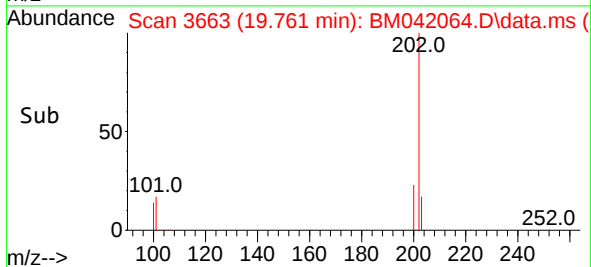
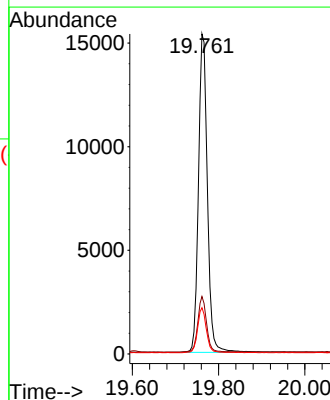
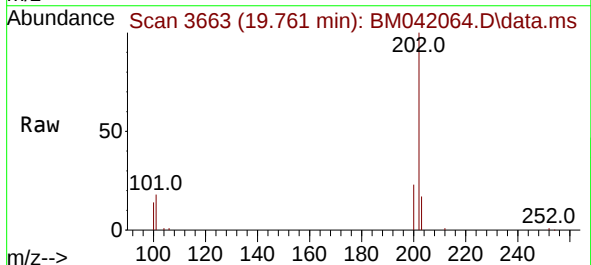
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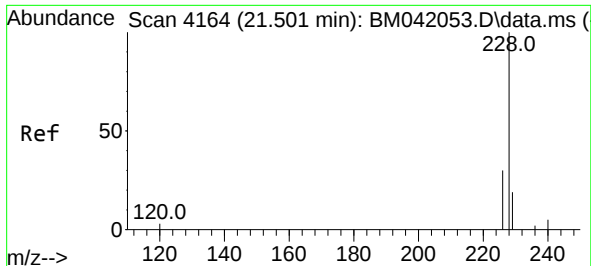
Tgt Ion:202 Resp: 21648
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 10.7 9.1 13.7



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:202 Resp: 22119
Ion Ratio Lower Upper
202 100
101 18.0 14.1 21.1
100 14.4 11.4 17.0

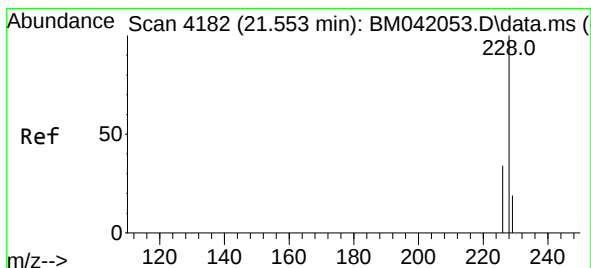
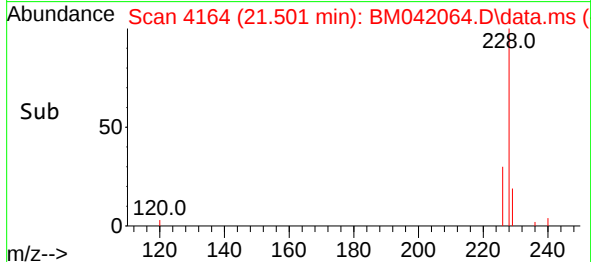
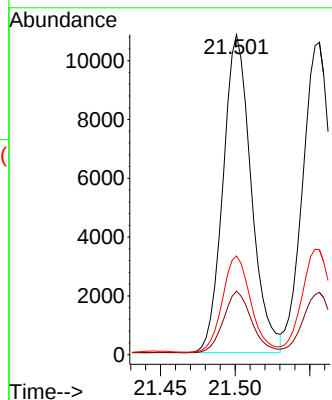
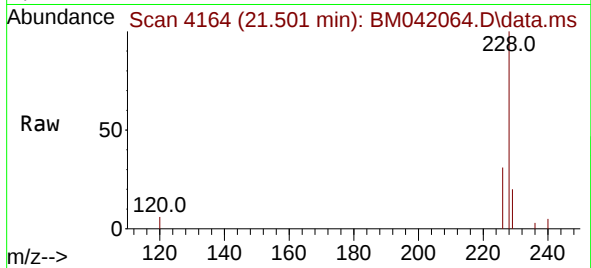




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

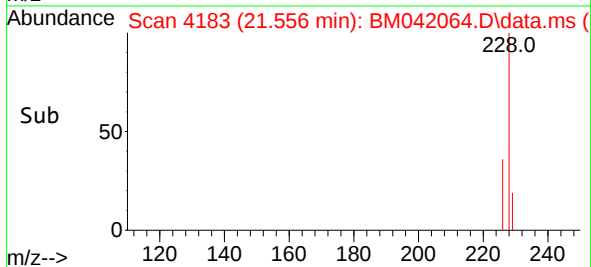
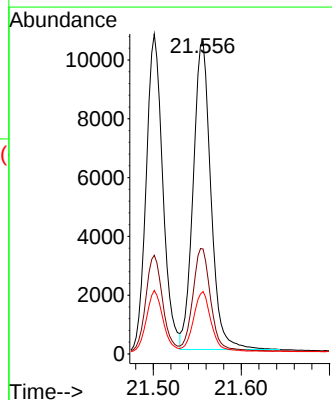
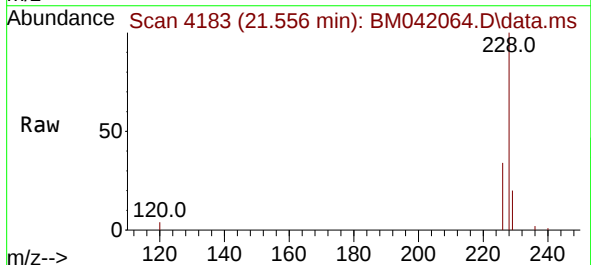
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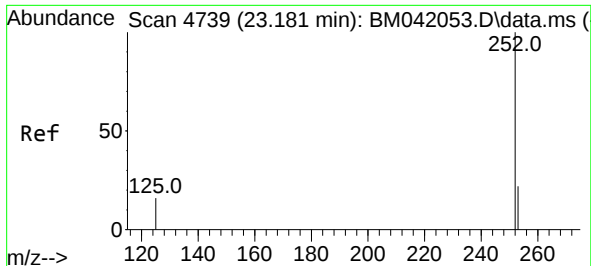
Tgt Ion:228 Resp: 14222
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 30.8 24.8 37.2



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:228 Resp: 14667
Ion Ratio Lower Upper
228 100
226 33.6 27.8 41.6
229 19.9 15.6 23.4

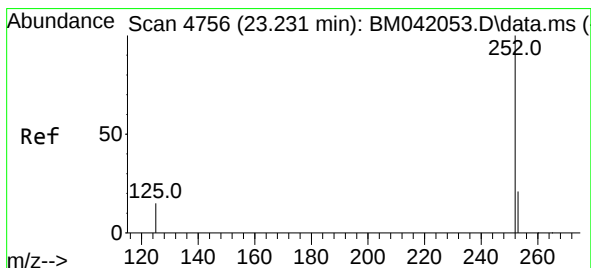
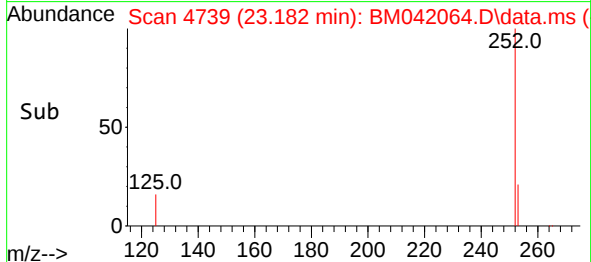
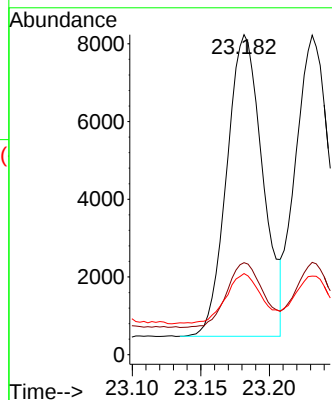
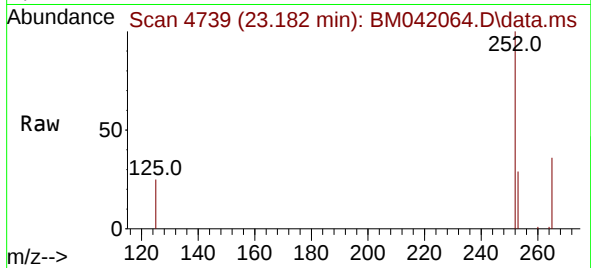




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 23.182 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

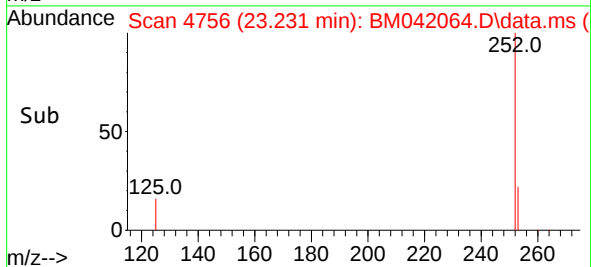
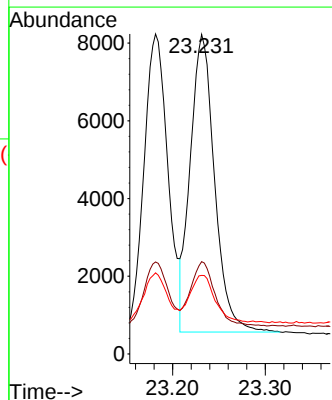
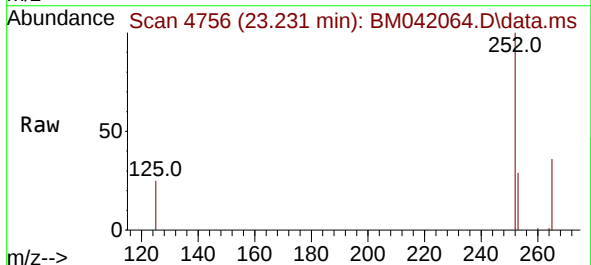
Instrument :
BNA_M
ClientSampleId :
SLCS718

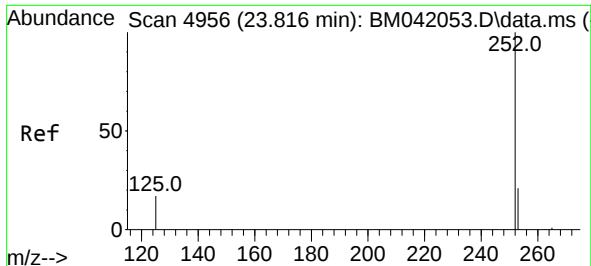
Tgt Ion:252	Resp:	14158
Ion Ratio	Lower	Upper
252	100	
253	28.8	0.0 54.4
125	25.4	0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:252	Resp:	13988
Ion Ratio	Lower	Upper
252	100	
253	28.9	21.0 31.6
125	24.6	19.0 28.6

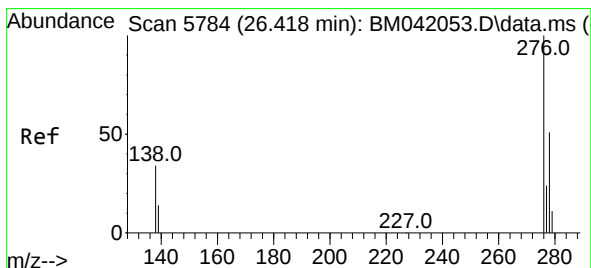
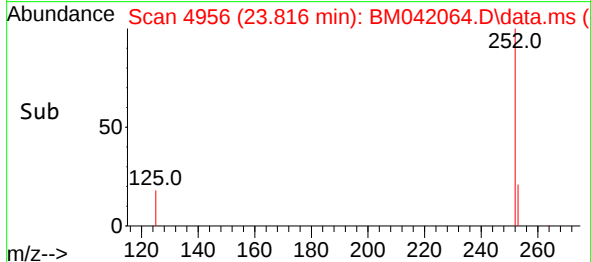
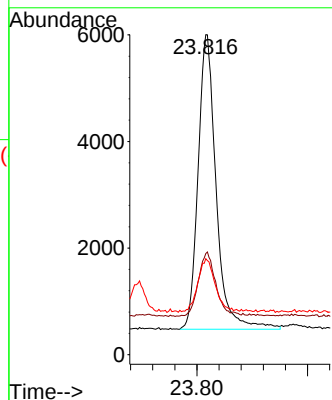
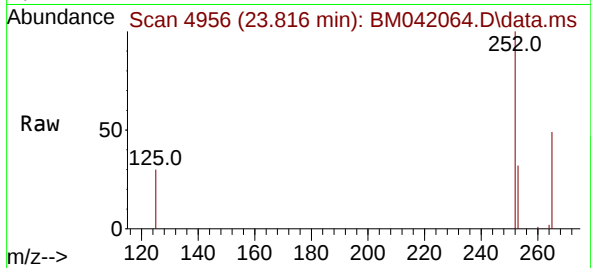




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.816 min Scan# 4956
Delta R.T. -0.011 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

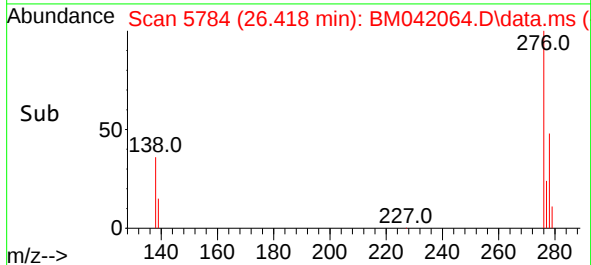
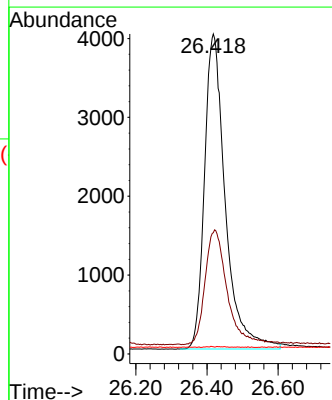
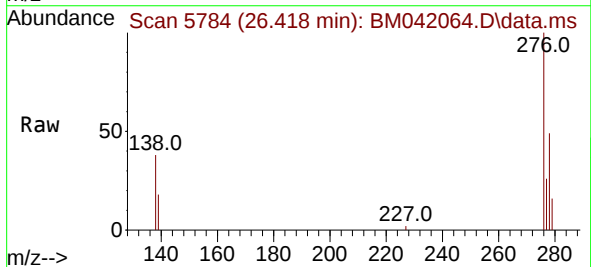
Instrument :
BNA_M
ClientSampleId :
SLCS718

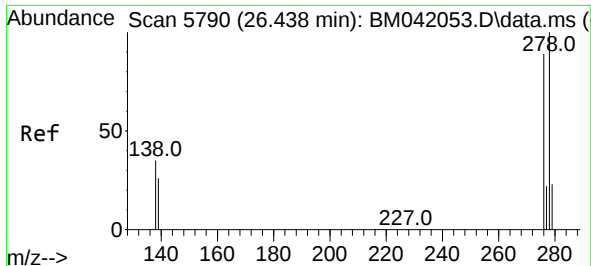
Tgt Ion:252 Resp: 12544
Ion Ratio Lower Upper
252 100
253 31.6 23.2 34.8
125 30.0 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:276 Resp: 16216
Ion Ratio Lower Upper
276 100
138 38.7 32.1 48.1
227 0.1 0.2 0.2#

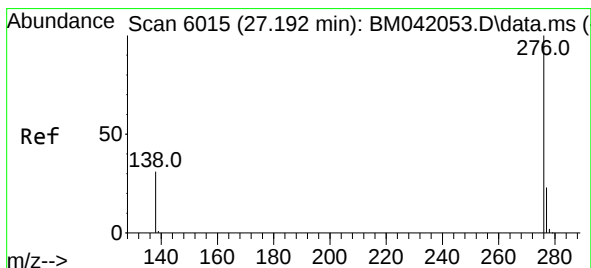
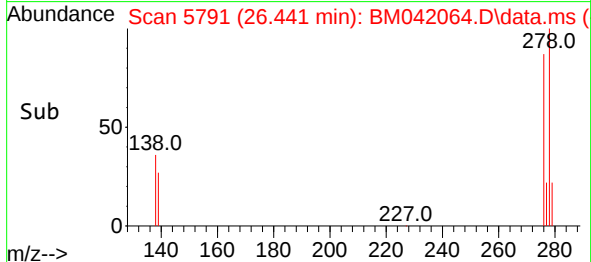
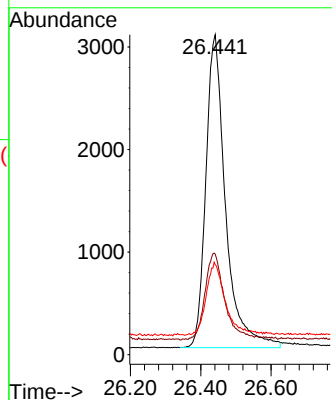
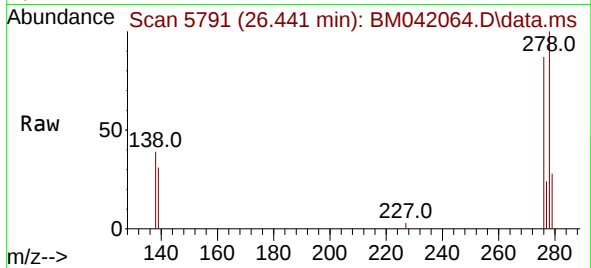




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Instrument :
BNA_M
ClientSampleId :
SLCS718

Tgt Ion:278 Resp: 11884
Ion Ratio Lower Upper
278 100
139 31.4 25.0 37.6
279 28.1 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.193 min Scan# 6015
Delta R.T. -0.017 min
Lab File: BM042064.D
Acq: 26 Sep 2023 10:51

Tgt Ion:276 Resp: 13975
Ion Ratio Lower Upper
276 100
138 36.2 29.0 43.4
277 25.2 19.6 29.4

