

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042100.D
 Acq On : 28 Sep 2023 01:01
 Operator : MA/JU
 Sample : PB155815BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS815

Quant Time: Sep 28 01:36:37 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

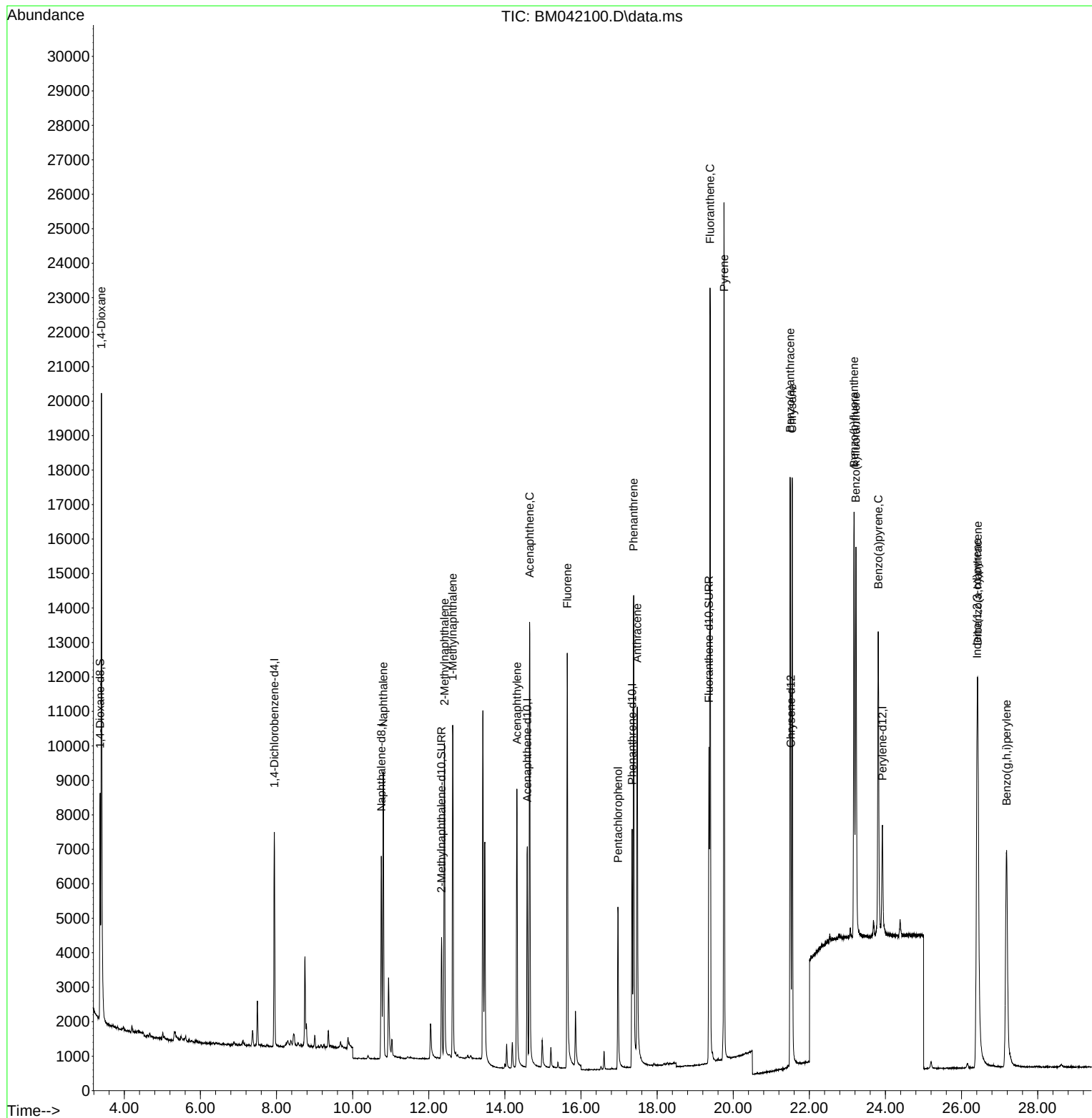
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3226	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.753	136	7713	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.588	164	3505	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.342	188	7759	0.400	ng/ul	-0.01
17) Chrysene-d12	21.514	240	4086	0.400	ng/ul	-0.01
23) Perylene-d12	23.919	264	4551	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	4050	0.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	4755	0.492	ng/ul	-0.01
18) Fluoranthene-d10	19.363	212	7892	0.469	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	12008	2.596	ng/ul#	86
5) Naphthalene	10.803	128	11612	0.449	ng/ul	100
7) 2-Methylnaphthalene	12.414	142	6893	0.448	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	6727	0.430	ng/ul	100
10) Acenaphthylene	14.315	152	10784	0.459	ng/ul	99
11) Acenaphthene	14.648	153	8047	0.447	ng/ul	99
12) Fluorene	15.638	166	9103	0.449	ng/ul	97
14) Pentachlorophenol	16.971	266	3495	0.852	ng/ul	99
15) Phenanthrene	17.384	178	15653	0.435	ng/ul	99
16) Anthracene	17.477	178	13517	0.435	ng/ul	99
19) Fluoranthene	19.391	202	18783	0.407	ng/ul	97
20) Pyrene	19.758	202	19728	0.434	ng/ul	98
21) Benzo(a)anthracene	21.496	228	14454	0.467	ng/ul	100
22) Chrysene	21.549	228	14989	0.468	ng/ul	100
24) Benzo(b)fluoranthene	23.174	252	15701	0.448	ng/ul	98
25) Benzo(k)fluoranthene	23.223	252	15492	0.455	ng/ul	97
26) Benzo(a)pyrene	23.811	252	13931	0.484	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.409	276	17605	0.445	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.426	278	12658	0.443	ng/ul	97
29) Benzo(g,h,i)perylene	27.184	276	14966	0.450	ng/ul	99

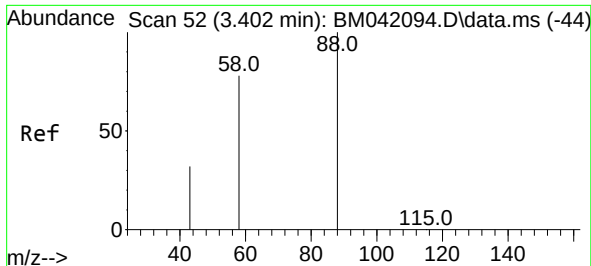
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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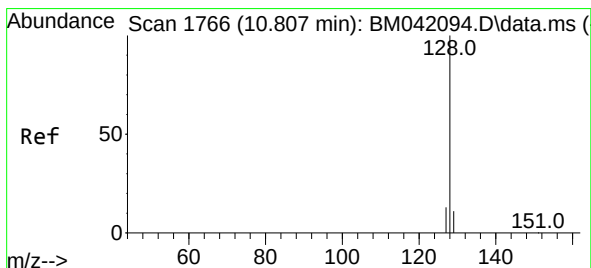
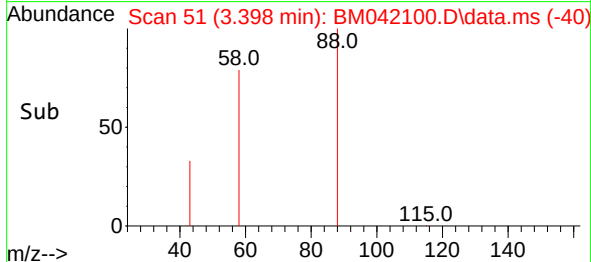
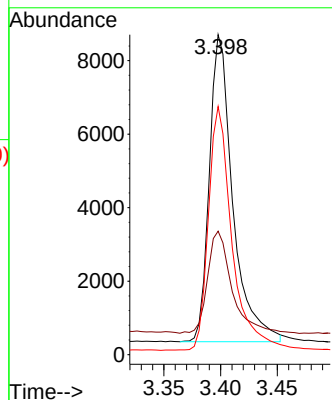
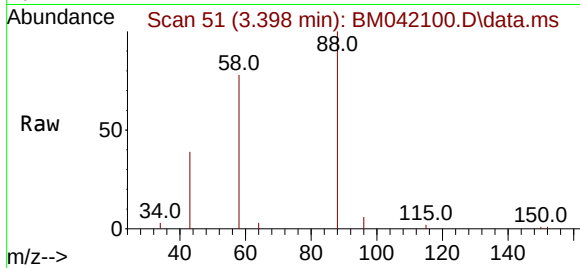




#2
1,4-Dioxane
Concen: 2.596 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

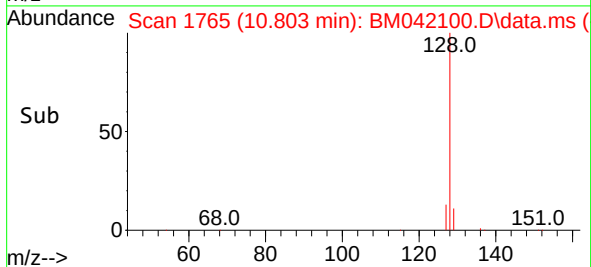
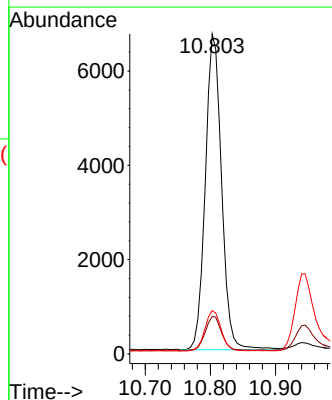
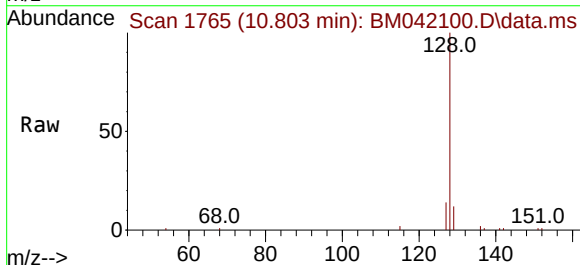
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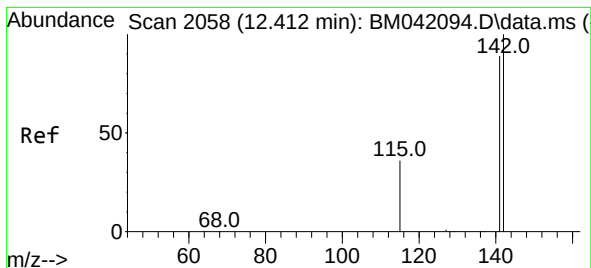
Tgt Ion: 88 Resp: 12008
Ion Ratio Lower Upper
88 100
43 38.6 42.9 64.3#
58 77.5 56.4 84.6



#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.015 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion: 128 Resp: 11612
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.8 16.2

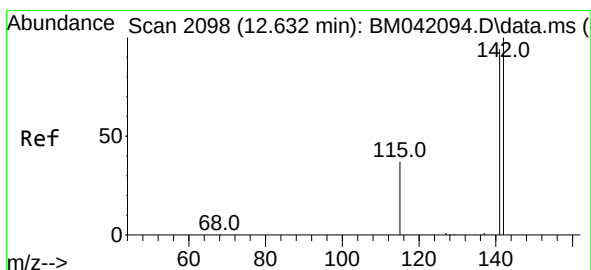
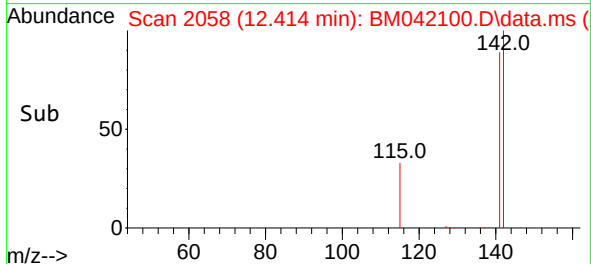
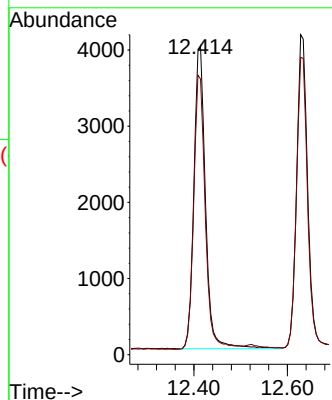
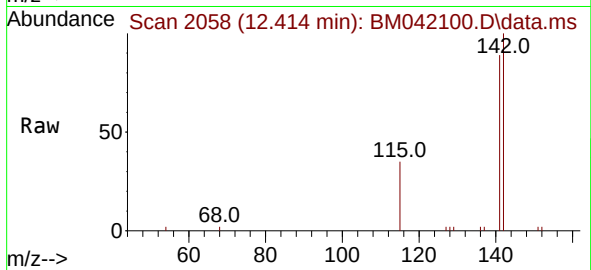




#7
2-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

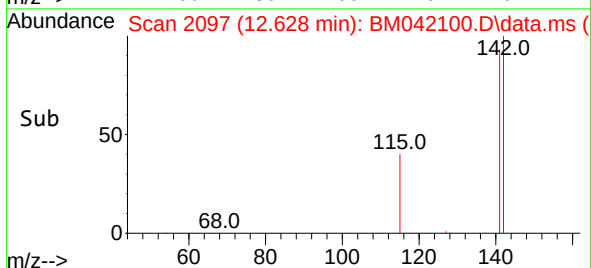
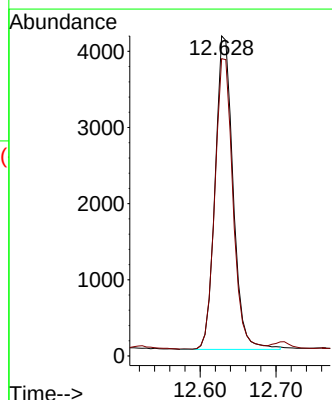
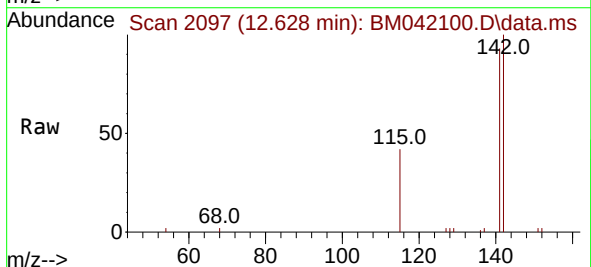
Instrument :
BNA_M
ClientSampleId :
SLCS815

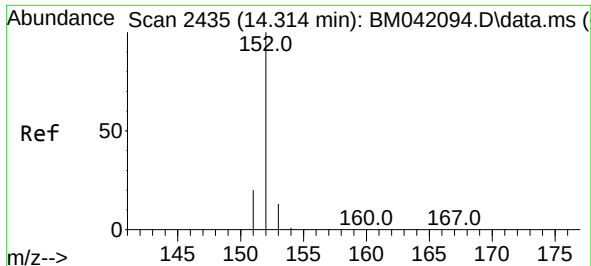
Tgt Ion:142 Resp: 6893
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.015 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:142 Resp: 6727
Ion Ratio Lower Upper
142 100
141 93.4 75.1 112.7

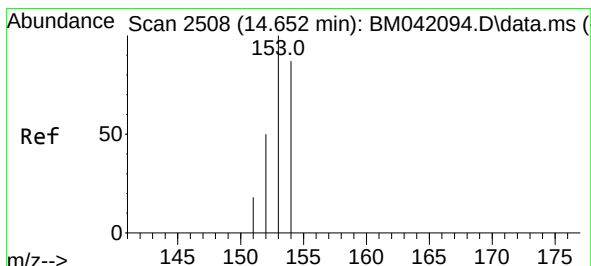
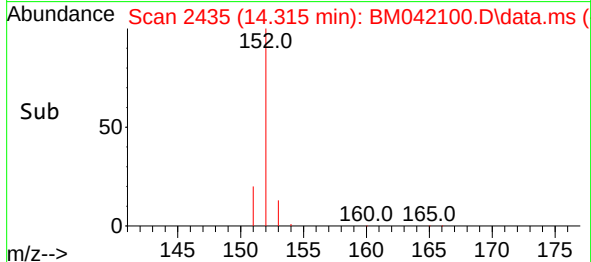
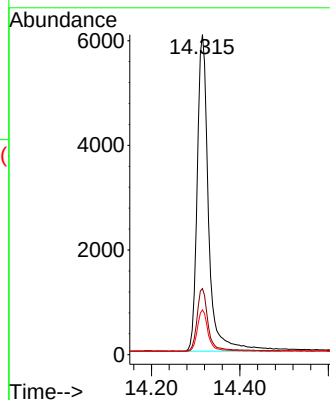
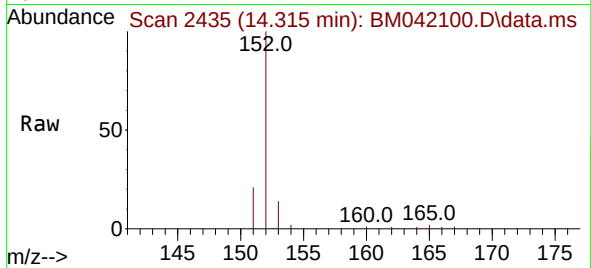




#10
Acenaphthylene
Concen: 0.459 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.013 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

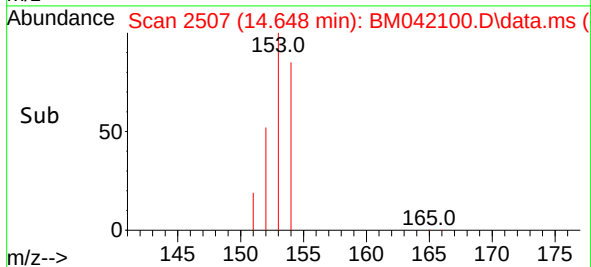
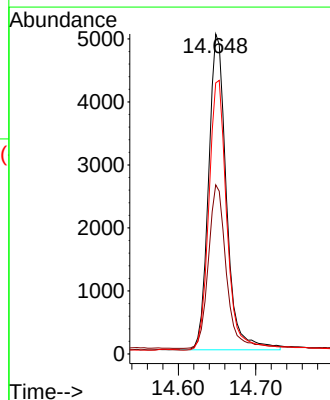
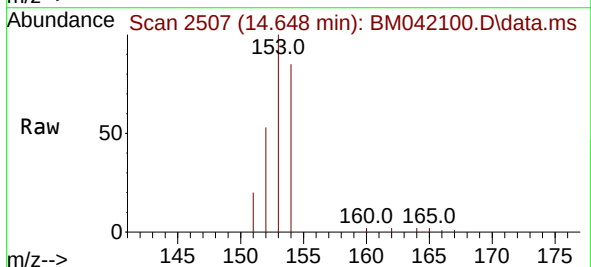
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BNA_M
ClientSampleId :
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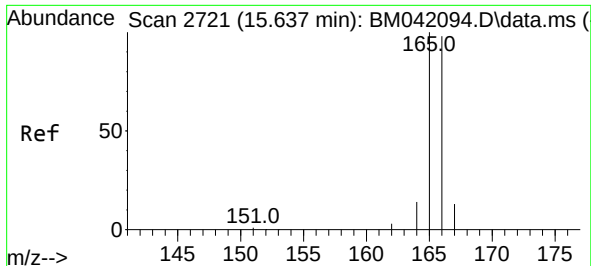
Tgt Ion:152 Resp: 10784
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. -0.013 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:153 Resp: 8047
Ion Ratio Lower Upper
153 100
152 52.8 41.8 62.8
154 84.7 69.0 103.6

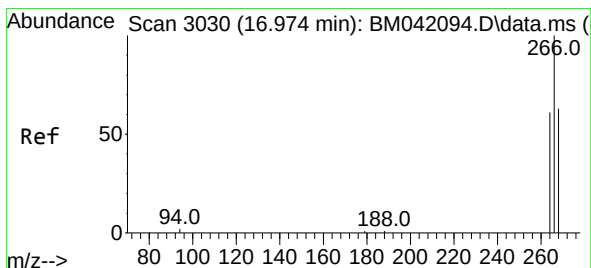
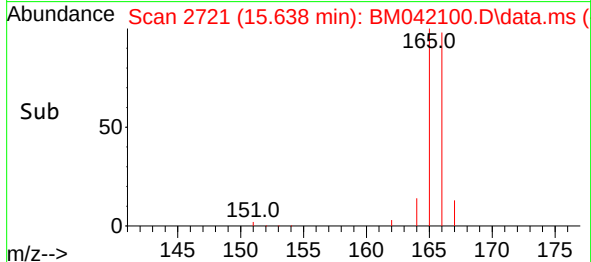
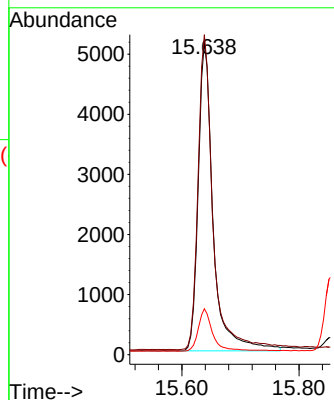
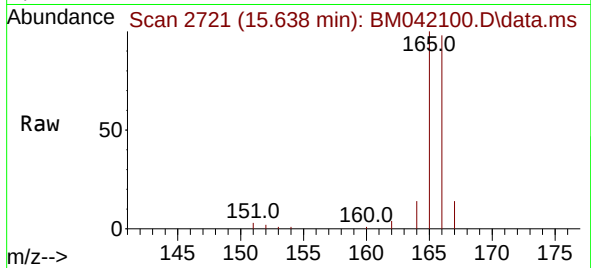




#12
 Fluorene
 Concen: 0.449 ng/ul
 RT: 15.638 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BM042100.D
 Acq: 28 Sep 2023 01:01

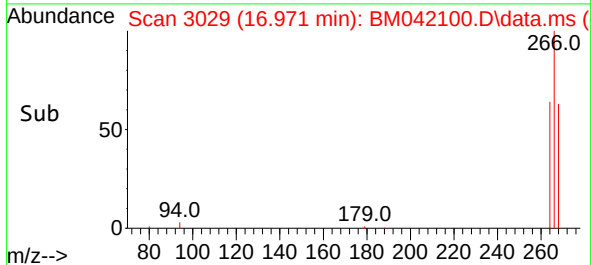
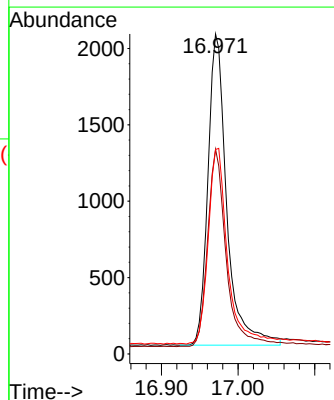
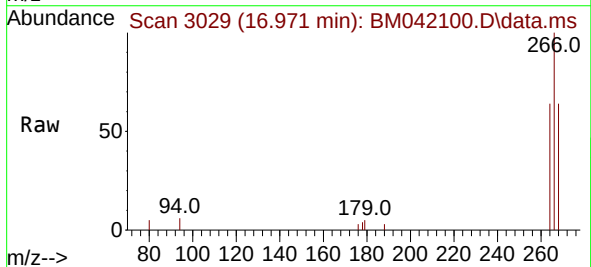
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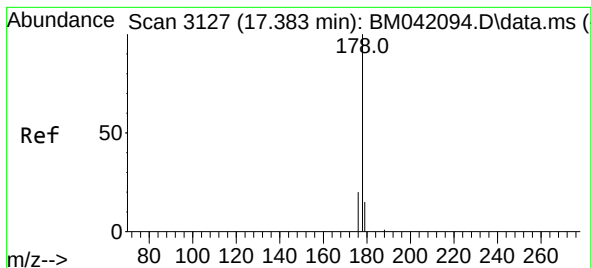
Tgt Ion:166 Resp: 9103
 Ion Ratio Lower Upper
 166 100
 165 102.4 79.8 119.8
 167 14.7 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.852 ng/ul
 RT: 16.971 min Scan# 3029
 Delta R.T. -0.012 min
 Lab File: BM042100.D
 Acq: 28 Sep 2023 01:01

Tgt Ion:266 Resp: 3495
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.2 75.4
 268 64.4 51.0 76.4





#15

Phenanthrene

Concen: 0.435 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM042100.D

Acq: 28 Sep 2023 01:01

Instrument :

BNA_M

ClientSampleId :

SLCS815

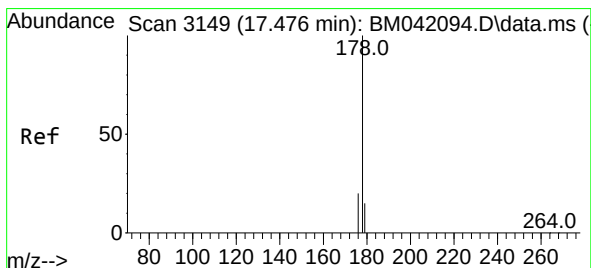
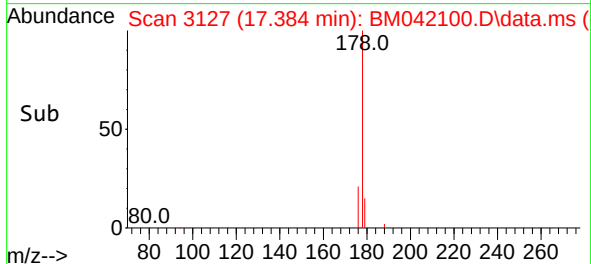
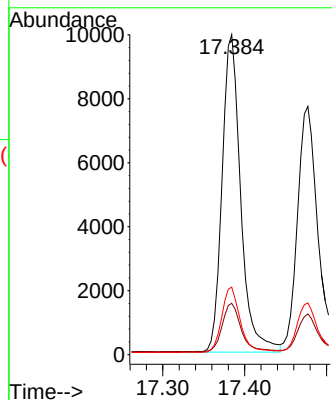
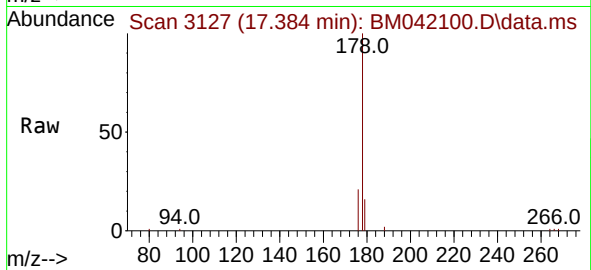
Tgt Ion:178 Resp: 15653

Ion Ratio Lower Upper

178 100

179 16.1 12.7 19.1

176 21.1 16.6 24.8



#16

Anthracene

Concen: 0.435 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.012 min

Lab File: BM042100.D

Acq: 28 Sep 2023 01:01

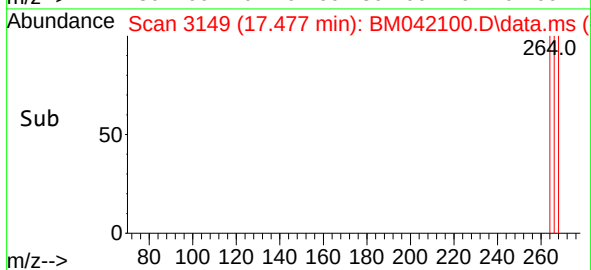
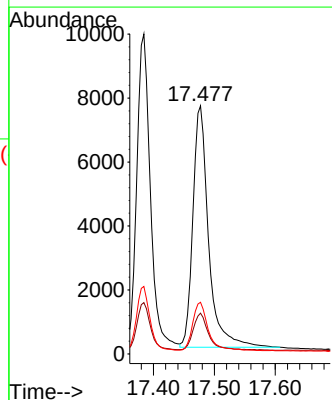
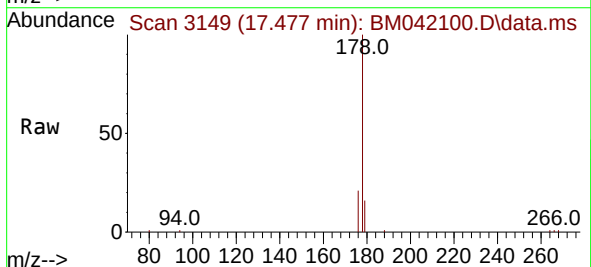
Tgt Ion:178 Resp: 13517

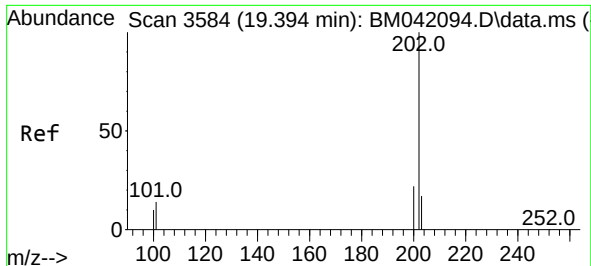
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 20.8 16.2 24.2

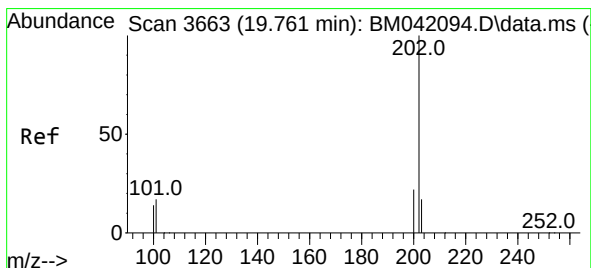
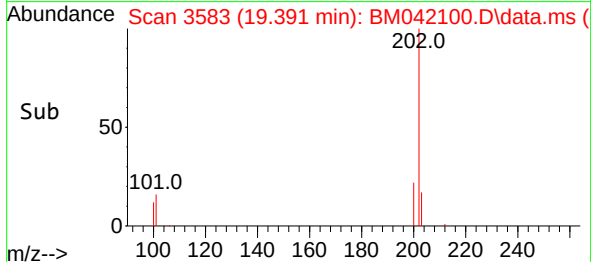
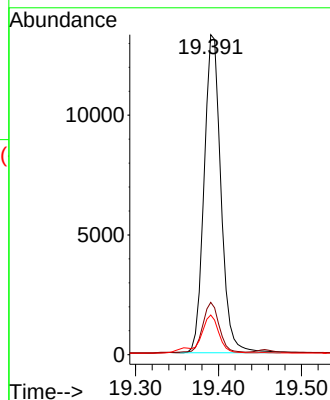
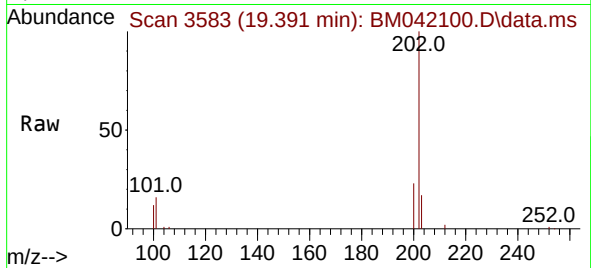




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.013 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

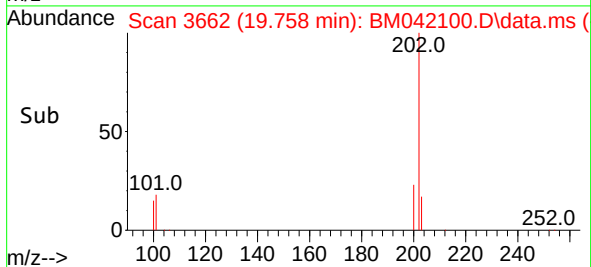
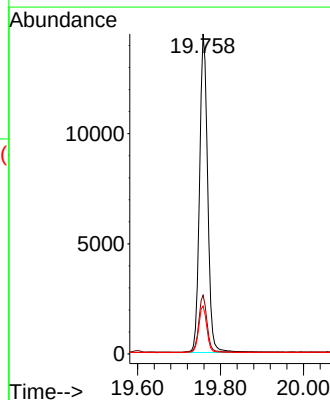
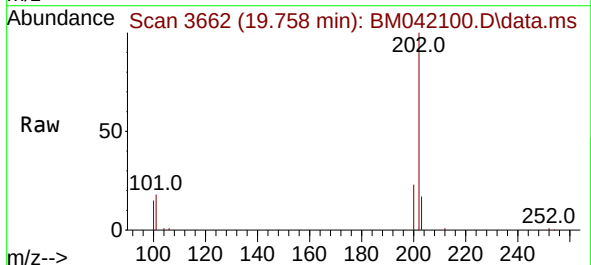
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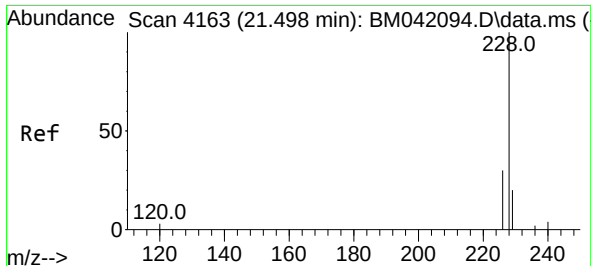
Tgt Ion:202 Resp: 18783
Ion Ratio Lower Upper
202 100
101 16.4 11.8 17.6
100 12.4 9.1 13.7



#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.013 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:202 Resp: 19728
Ion Ratio Lower Upper
202 100
101 18.4 14.1 21.1
100 14.9 11.4 17.0

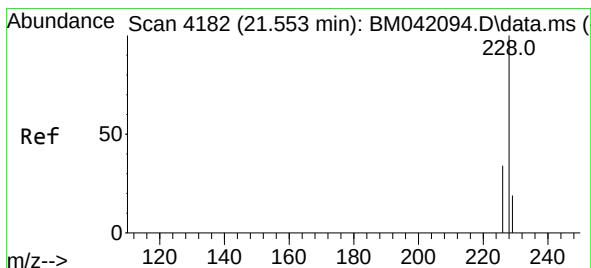
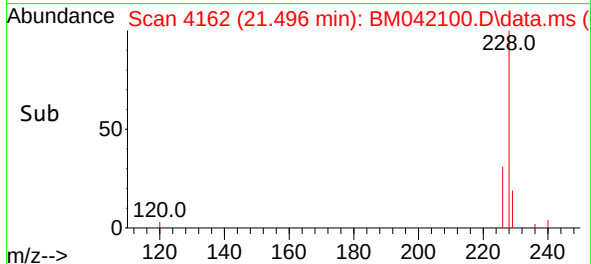
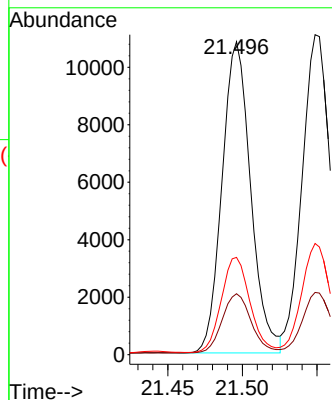
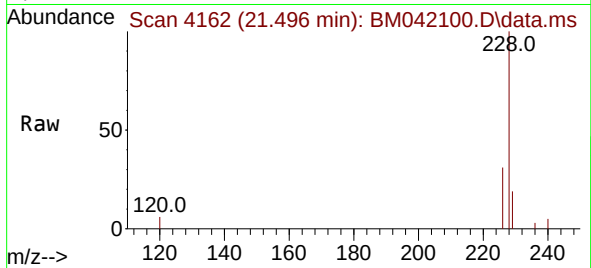




#21
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. -0.010 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

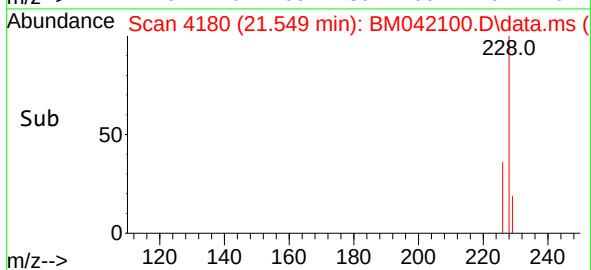
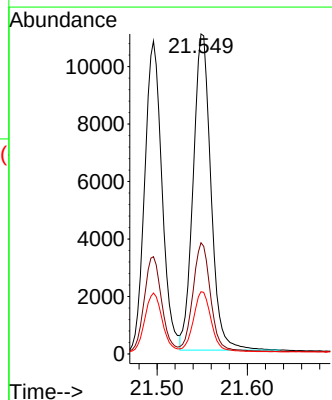
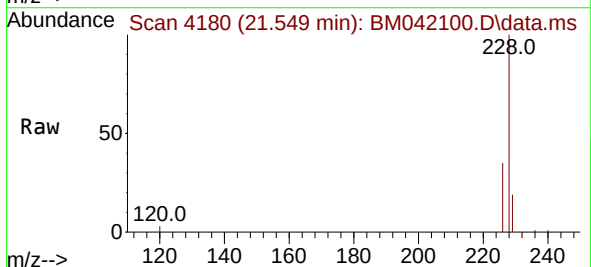
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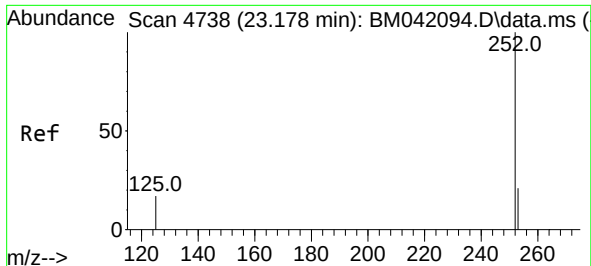
Tgt Ion:228 Resp: 14454
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 31.1 24.8 37.2



#22
Chrysene
Concen: 0.468 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.013 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:228 Resp: 14989
Ion Ratio Lower Upper
228 100
226 34.7 27.8 41.6
229 19.4 15.6 23.4

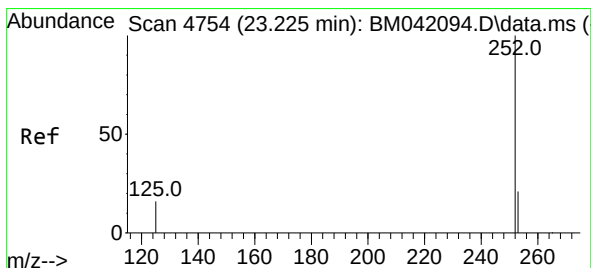
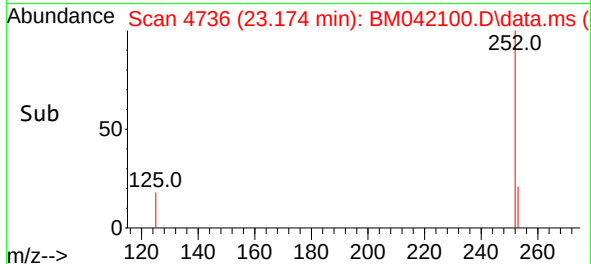
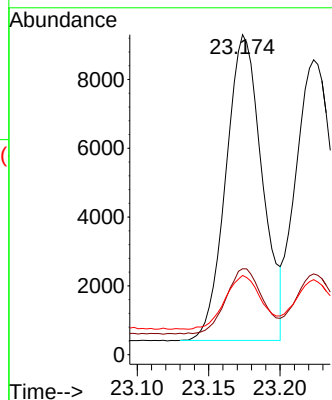
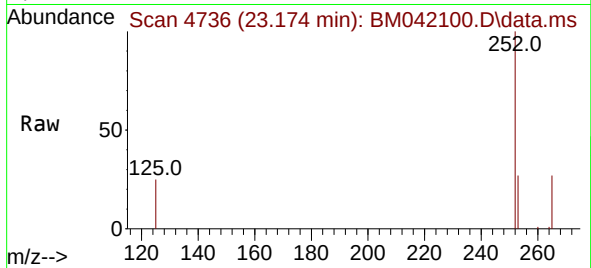




#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 23.174 min Scan# 4736
Delta R.T. -0.016 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

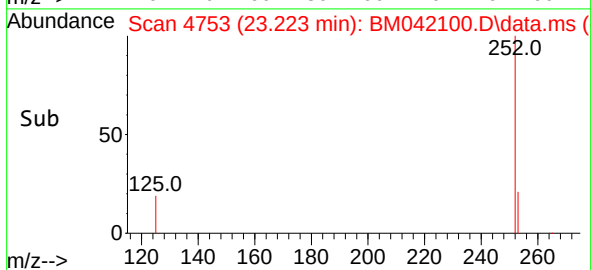
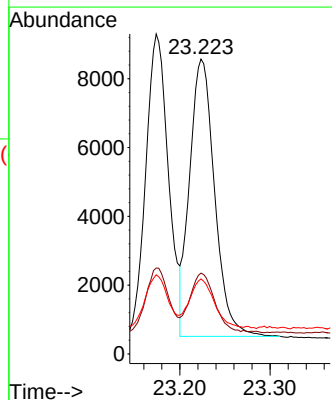
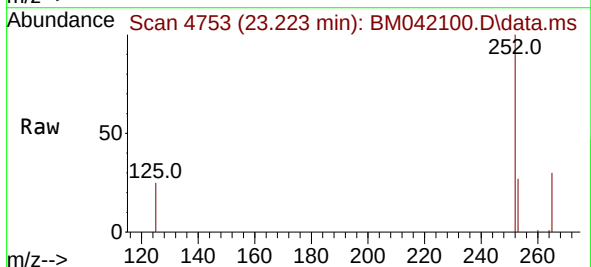
Instrument :
BNA_M
ClientSampleId :
SLCS815

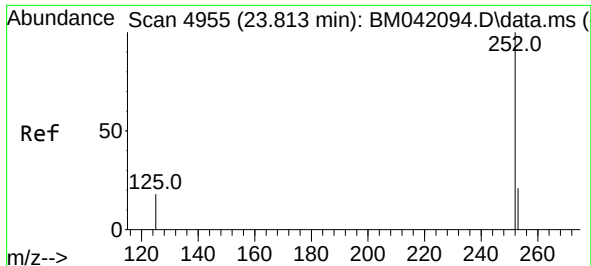
Tgt Ion:252 Resp: 15701
Ion Ratio Lower Upper
252 100
253 26.9 0.0 54.4
125 24.7 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 23.223 min Scan# 4753
Delta R.T. -0.016 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:252 Resp: 15492
Ion Ratio Lower Upper
252 100
253 27.4 21.0 31.6
125 25.5 19.0 28.6

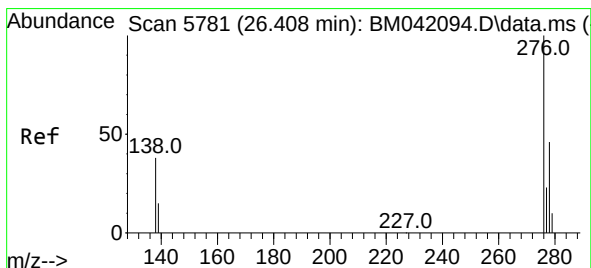
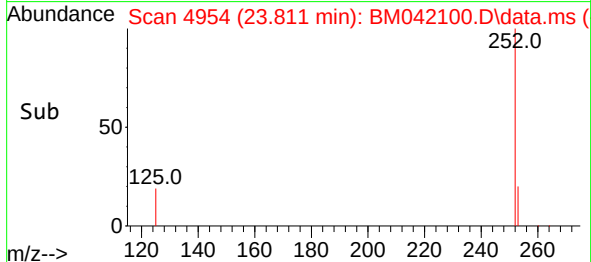
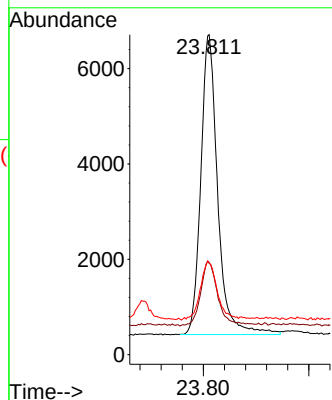
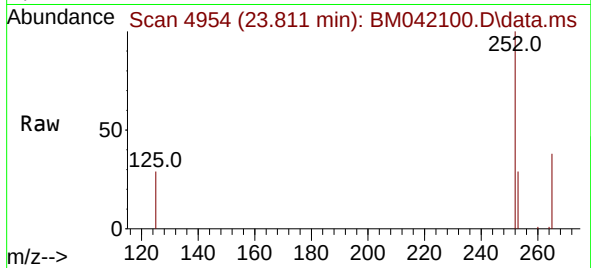




#26
Benzo(a)pyrene
Concen: 0.484 ng/ul
RT: 23.811 min Scan# 4955
Delta R.T. -0.016 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

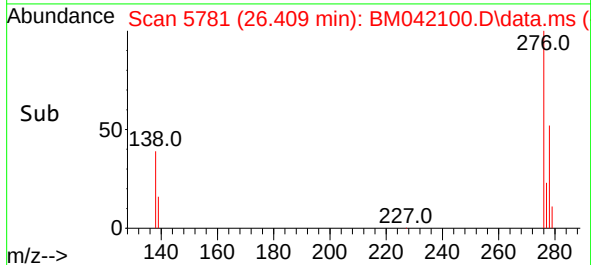
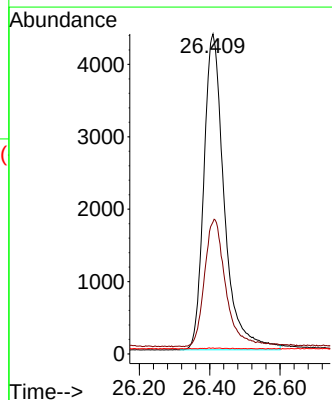
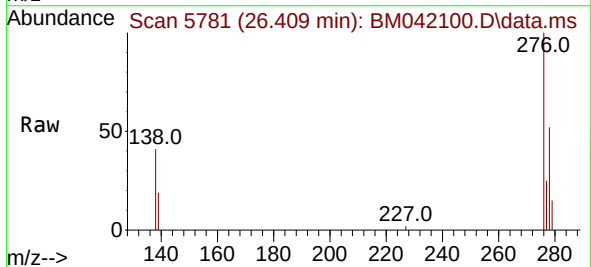
Instrument :
BNA_M
ClientSampleId :
SLCS815

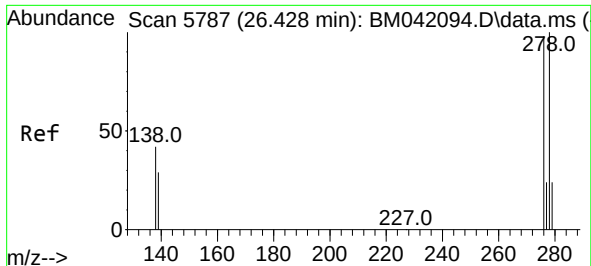
Tgt Ion:252 Resp: 13931
Ion Ratio Lower Upper
252 100
253 28.6 23.2 34.8
125 28.8 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.409 min Scan# 5781
Delta R.T. -0.022 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:276 Resp: 17605
Ion Ratio Lower Upper
276 100
138 41.9 32.1 48.1
227 0.1 0.2 0.2#

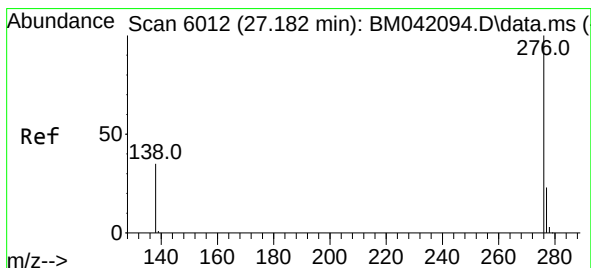
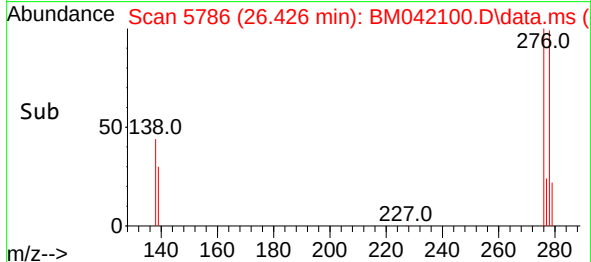
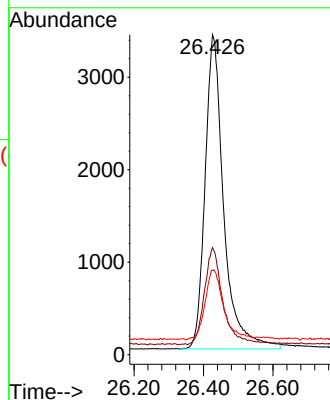
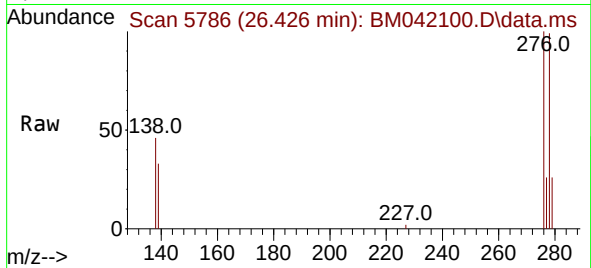




#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.426 min Scan# 51
Delta R.T. -0.025 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Instrument :
BNA_M
ClientSampleId :
SLCS815

Tgt Ion:278 Resp: 12658
Ion Ratio Lower Upper
278 100
139 33.5 25.0 37.6
279 26.3 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.184 min Scan# 6012
Delta R.T. -0.025 min
Lab File: BM042100.D
Acq: 28 Sep 2023 01:01

Tgt Ion:276 Resp: 14966
Ion Ratio Lower Upper
276 100
138 37.1 29.0 43.4
277 24.6 19.6 29.4

