

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042246.D
 Acq On : 10 Oct 2023 04:36
 Operator : MA/JU
 Sample : PB156171BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS171

Quant Time: Oct 10 05:07:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 23:59:28 2023
 Response via : Initial Calibration

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

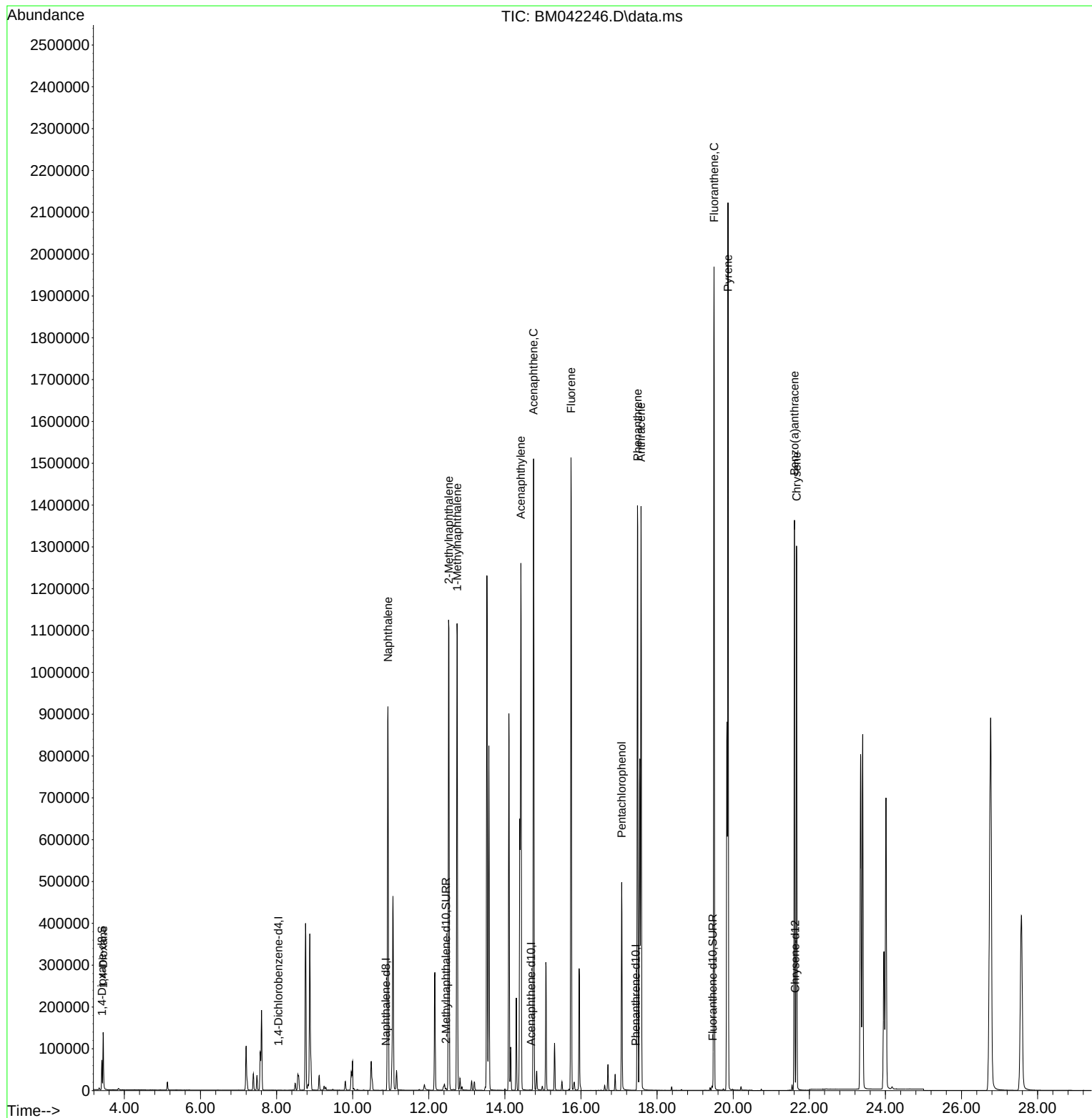
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	4	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.873	136	97	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.689	164	304	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.443	188	420	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.626	240	177	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	37926	7119.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	5378	40.425	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	7554	11.367	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	80108	14401.031	ng/ul#	73
5) Naphthalene	10.928	128	1260841	3896.207	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	787020	4061.868	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	751187	3848.770	ng/ul	99
10) Acenaphthylene	14.421	152	1328499	691.794	ng/ul	99
11) Acenaphthene	14.754	153	855488	588.512	ng/ul	98
12) Fluorene	15.739	166	950084	580.157	ng/ul	99
14) Pentachlorophenol	17.071	266	292982	1538.759	ng/ul	98
15) Phenanthrene	17.485	178	1462382	844.521	ng/ul	100
16) Anthracene	17.578	178	1429202	902.276	ng/ul	100
19) Fluoranthene	19.496	202	1619818	1204.743	ng/ul	100
20) Pyrene	19.864	202	1559868	1091.531	ng/ul	98
21) Benzo(a)anthracene	21.609	228	1196690	1047.286	ng/ul	98
22) Chrysene	21.664	228	1082075	972.938	ng/ul	99

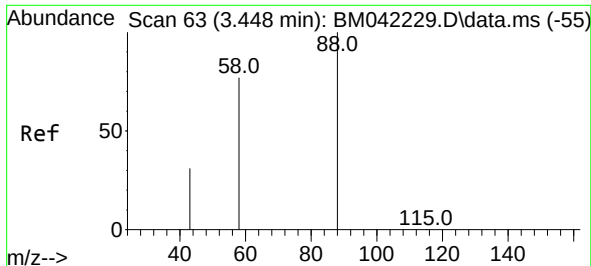
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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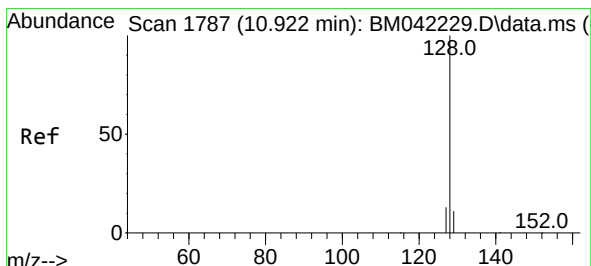
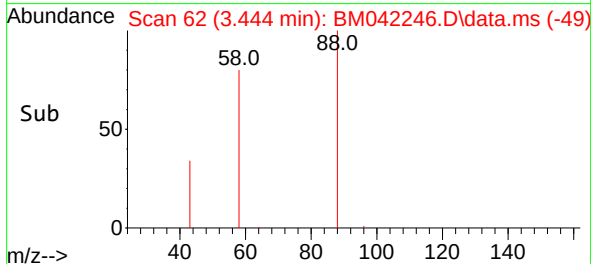
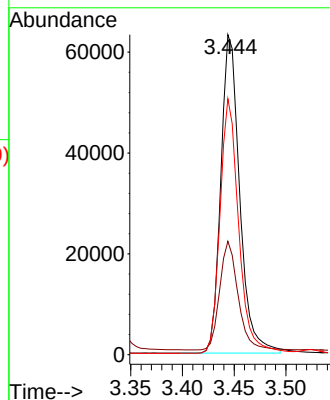
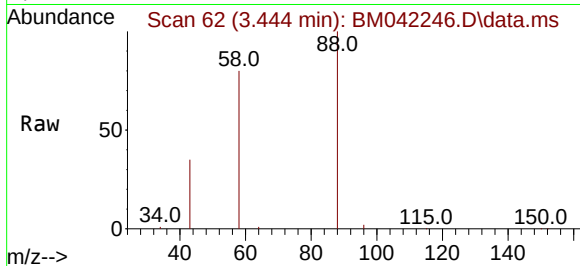




#2
1,4-Dioxane
Concen: 14401.031 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

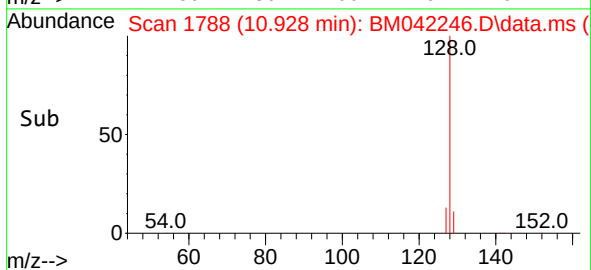
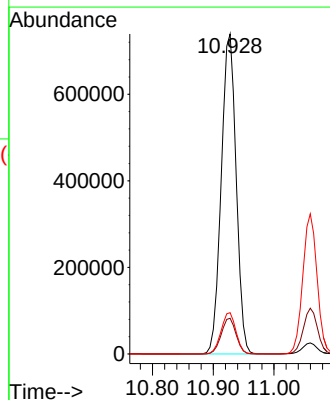
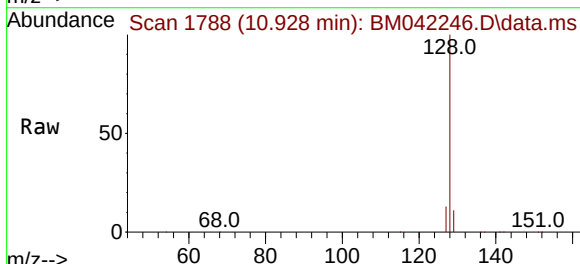
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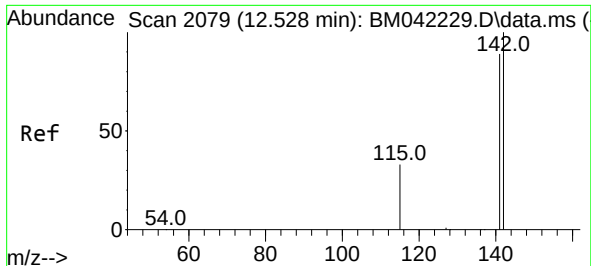
Tgt Ion: 88 Resp: 80108
Ion Ratio Lower Upper
88 100
43 35.4 52.1 78.1#
58 80.0 53.8 80.6



#5
Naphthalene
Concen: 3896.207 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

Tgt Ion:128 Resp: 1260841
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.9 11.0 16.4

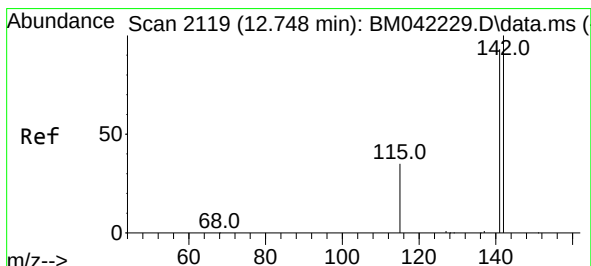
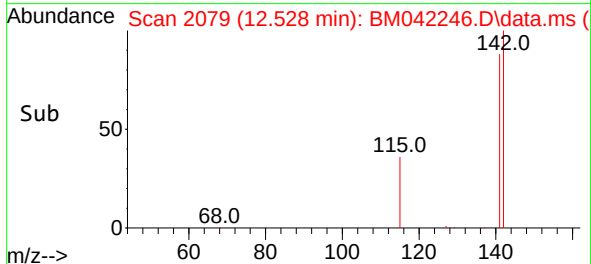
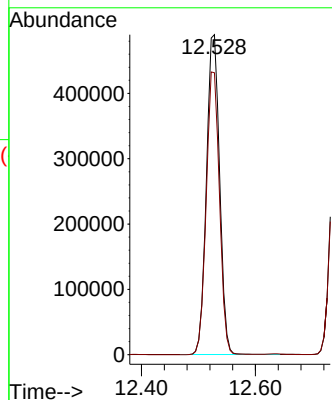
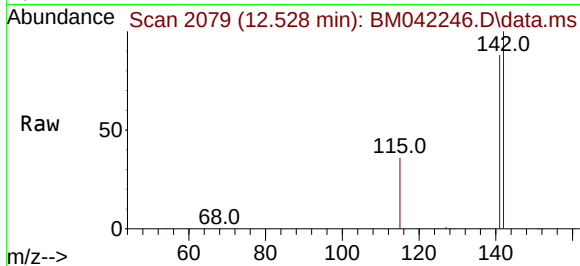




#7
2-Methylnaphthalene
Concen: 4061.868 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

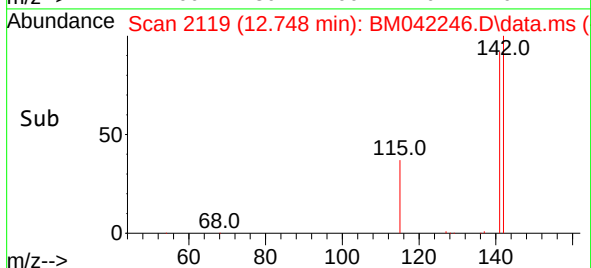
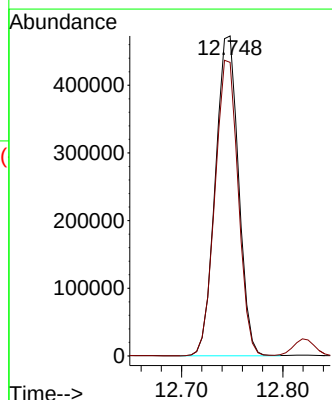
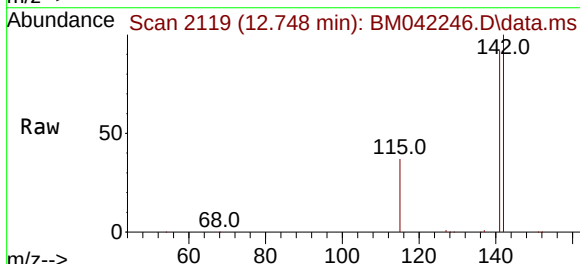
Instrument :
BNA_M
ClientSampleId :
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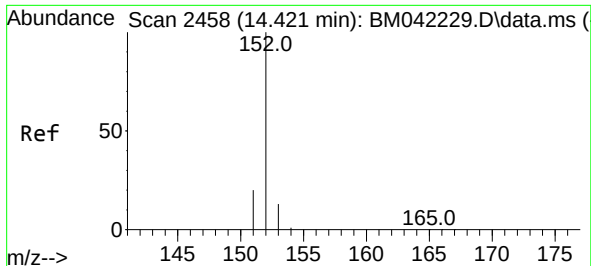
Tgt Ion:142 Resp: 787020
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4



#8
1-Methylnaphthalene
Concen: 3848.770 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

Tgt Ion:142 Resp: 751187
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3

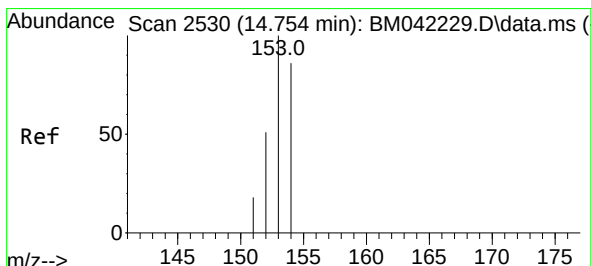
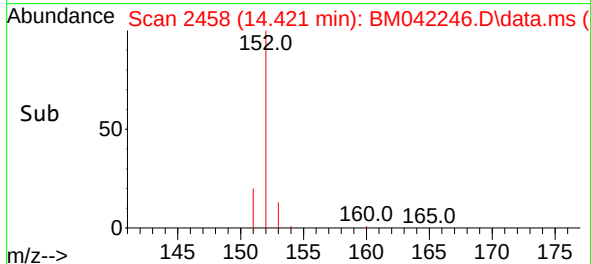
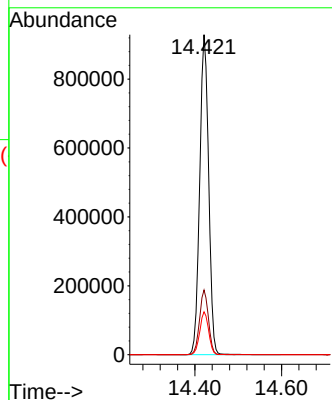
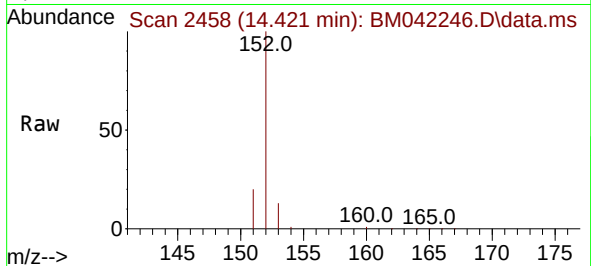




#10
Acenaphthylene
Concen: 691.794 ng/ul
RT: 14.421 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

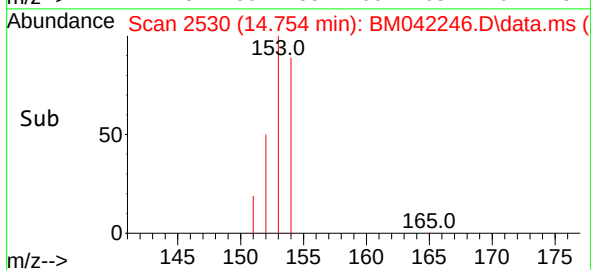
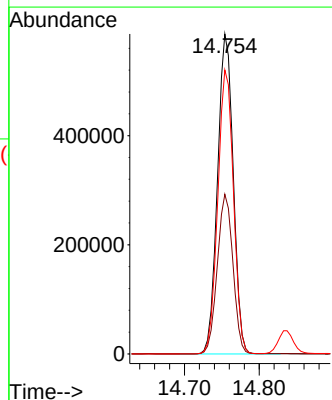
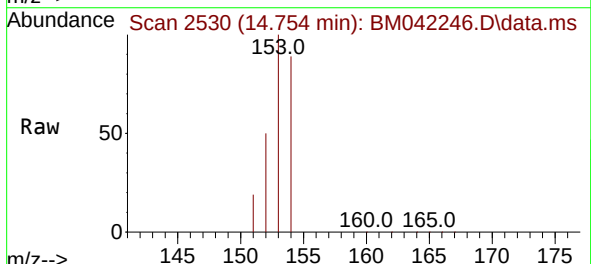
Instrument :
BNA_M
ClientSampleId :
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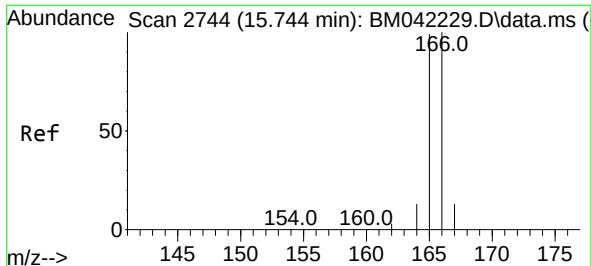
Tgt Ion:152 Resp: 1328499
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 588.512 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

Tgt Ion:153 Resp: 855488
Ion Ratio Lower Upper
153 100
152 49.9 41.1 61.7
154 88.7 69.5 104.3

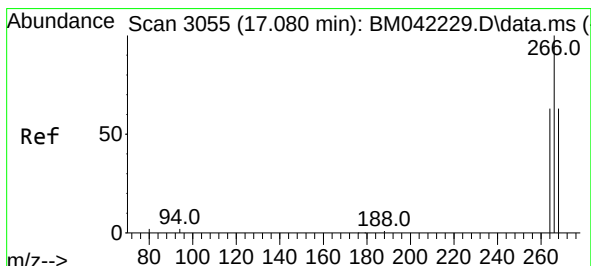
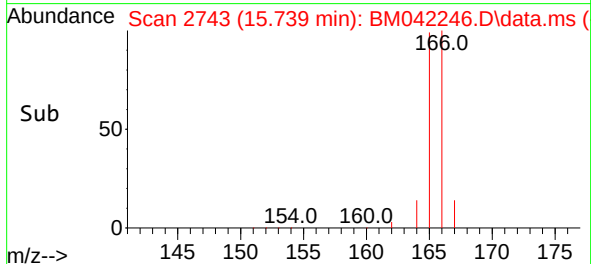
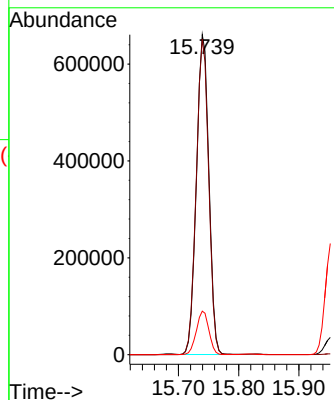
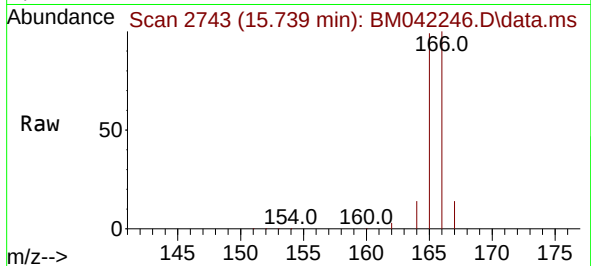




#12
 Fluorene
 Concen: 580.157 ng/ul
 RT: 15.739 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042246.D
 Acq: 10 Oct 2023 04:36

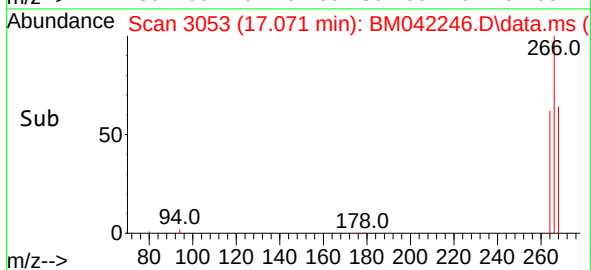
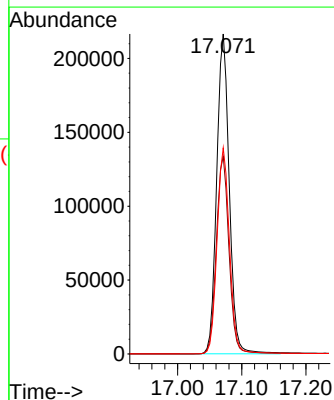
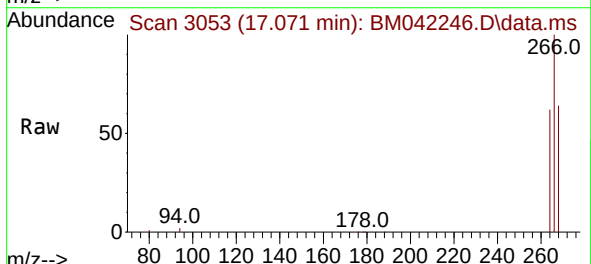
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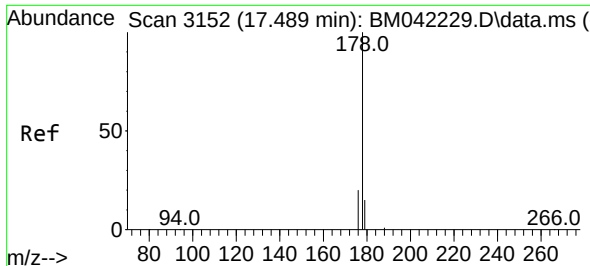
Tgt Ion:166 Resp: 950084
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.4 117.6
 167 13.6 11.5 17.3



#14
 Pentachlorophenol
 Concen: 1538.759 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. -0.009 min
 Lab File: BM042246.D
 Acq: 10 Oct 2023 04:36

Tgt Ion:266 Resp: 292982
 Ion Ratio Lower Upper
 266 100
 264 62.4 51.1 76.7
 268 64.1 52.1 78.1

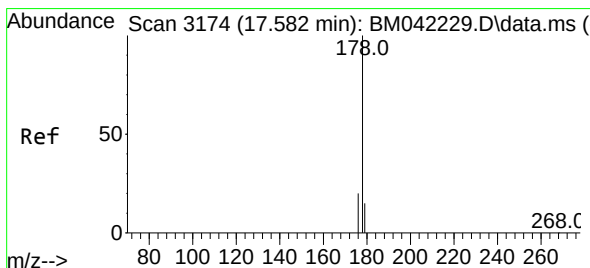
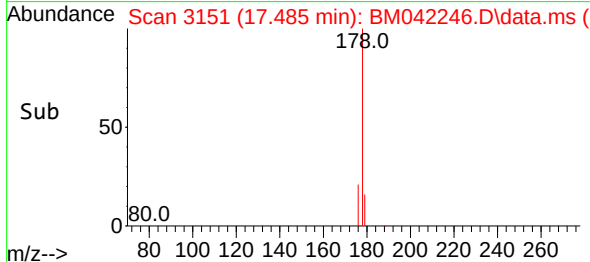
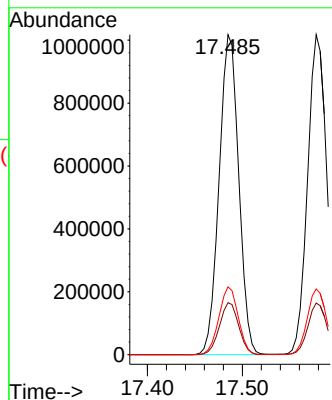
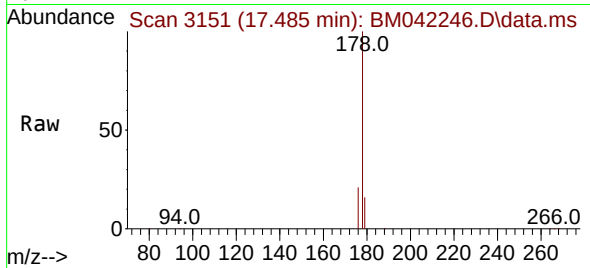




#15
Phenanthrene
Concen: 844.521 ng/ul
RT: 17.485 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

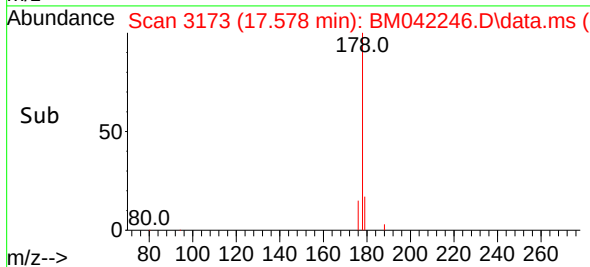
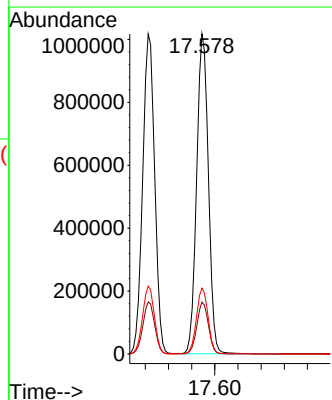
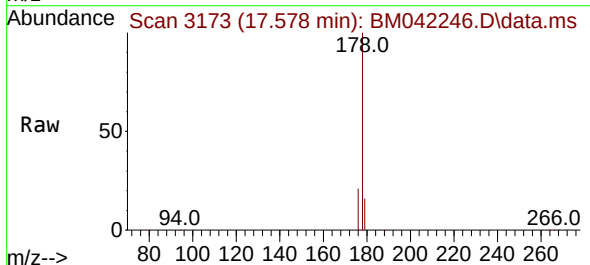
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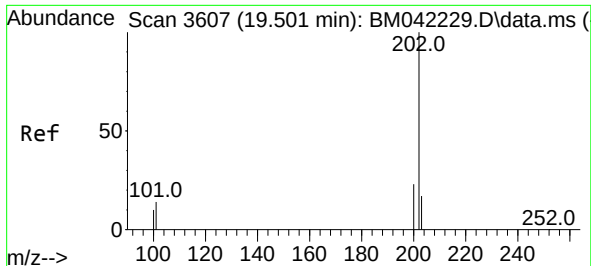
Tgt Ion:178 Resp: 1462382
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 21.2 16.8 25.2



#16
Anthracene
Concen: 902.276 ng/ul
RT: 17.578 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

Tgt Ion:178 Resp: 1429202
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.5 16.3 24.5

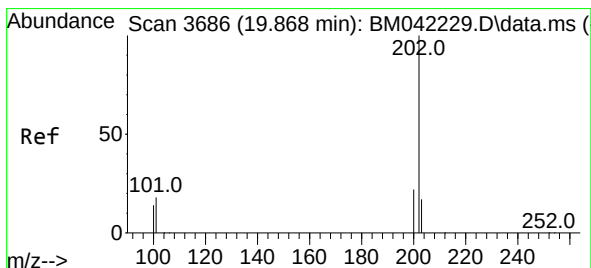
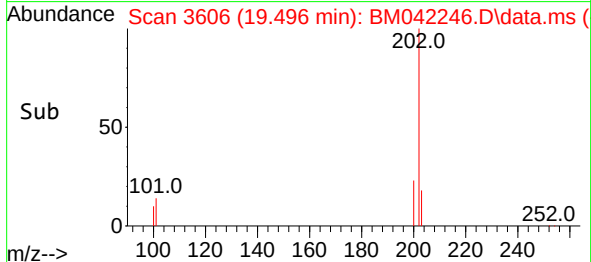
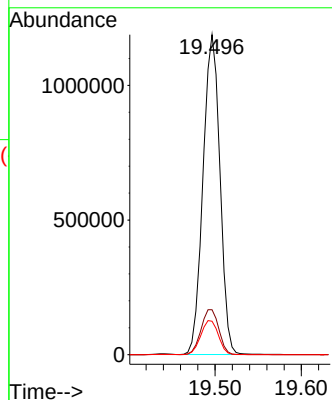
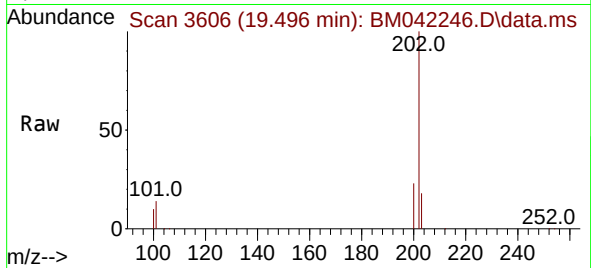




#19
Fluoranthene
Concen: 1204.743 ng/ul
RT: 19.496 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

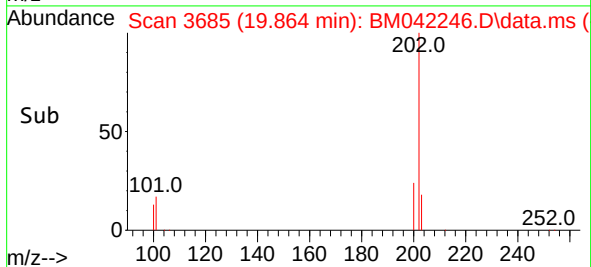
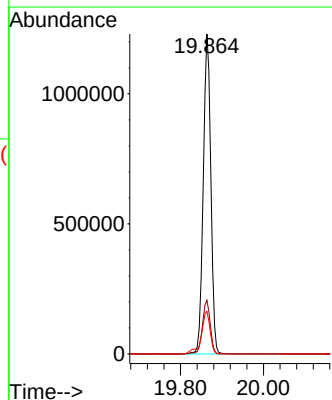
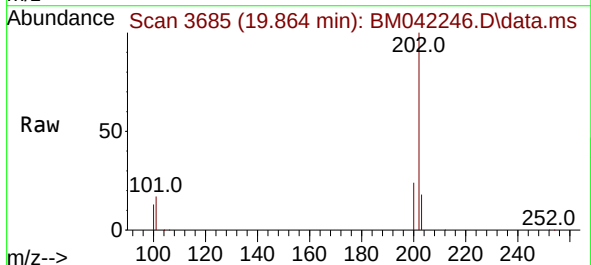
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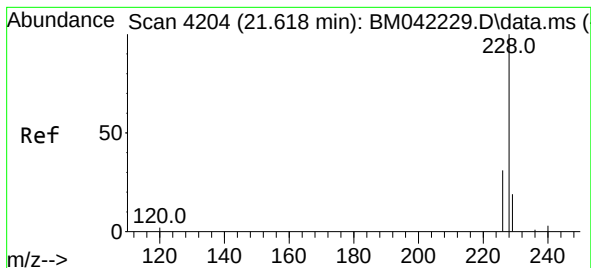
Tgt Ion:202 Resp: 1619818
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 10.5 8.2 12.2



#20
Pyrene
Concen: 1091.531 ng/ul
RT: 19.864 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BM042246.D
Acq: 10 Oct 2023 04:36

Tgt Ion:202 Resp: 1559868
Ion Ratio Lower Upper
202 100
101 16.7 12.7 19.1
100 13.3 9.9 14.9





#21

Benzo(a)anthracene

Concen: 1047.286 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM042246.D

Acq: 10 Oct 2023 04:36

Instrument :

BNA_M

ClientSampleId :

SLCS171

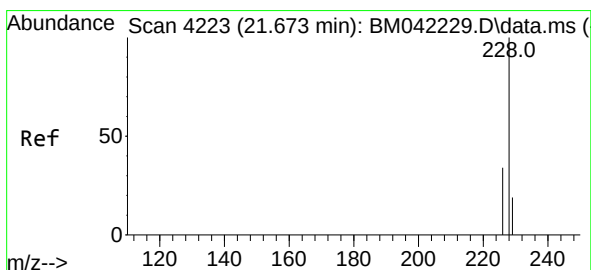
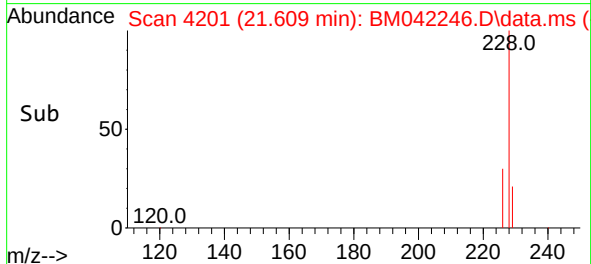
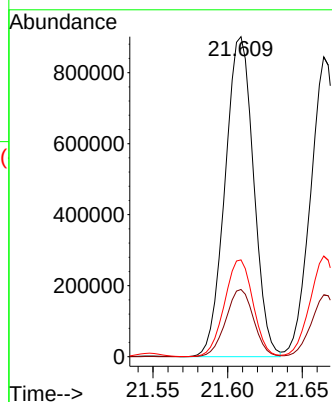
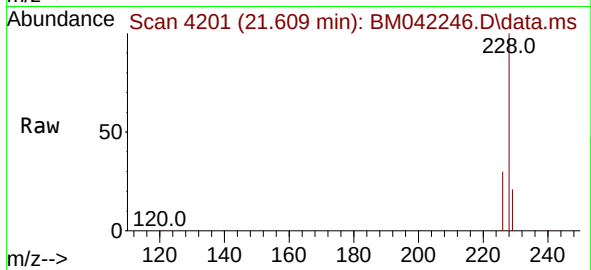
Tgt Ion:228 Resp: 1196690

Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.8

226 30.3 24.6 37.0



#22

Chrysene

Concen: 972.938 ng/ul

RT: 21.664 min Scan# 4220

Delta R.T. -0.009 min

Lab File: BM042246.D

Acq: 10 Oct 2023 04:36

Tgt Ion:228 Resp: 1082075

Ion Ratio Lower Upper

228 100

226 33.5 26.7 40.1

229 20.6 15.8 23.8

