

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042245.D
 Acq On : 10 Oct 2023 04:00
 Operator : MA/JU
 Sample : PB156201BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS201

Quant Time: Oct 10 05:06:43 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)

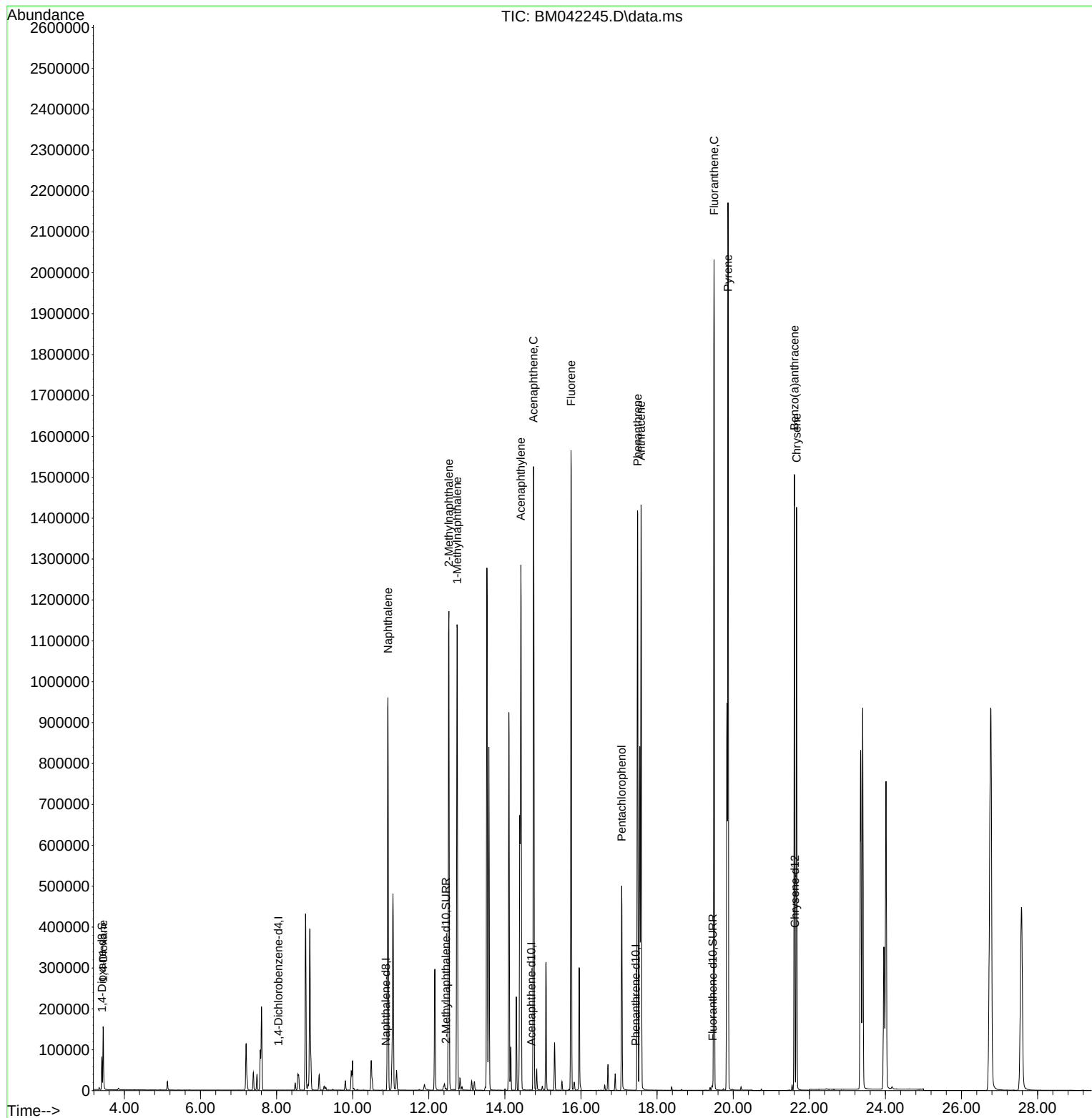
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.873	136	103	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.694	164	318	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.443	188	444	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.623	240	190	0.400	ng/ul	#-0.01
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	43098	6472.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	4907	34.736	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	7829	10.975	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	90291	12985.305	ng/ul#	73
5) Naphthalene	10.928	128	1326727	3860.982	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	818532	3978.416	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	782855	3777.372	ng/ul	99
10) Acenaphthylene	14.421	152	1382725	688.332	ng/ul	100
11) Acenaphthene	14.754	153	892297	586.810	ng/ul	99
12) Fluorene	15.739	166	990577	578.254	ng/ul	100
14) Pentachlorophenol	17.071	266	302609	1503.412	ng/ul	99
15) Phenanthrene	17.485	178	1532706	837.288	ng/ul	100
16) Anthracene	17.578	178	1508795	901.037	ng/ul	99
19) Fluoranthene	19.496	202	1714370	1187.825	ng/ul	97
20) Pyrene	19.863	202	1660315	1082.327	ng/ul	96
21) Benzo(a)anthracene	21.609	228	1295505	1056.190	ng/ul	99
22) Chrysene	21.664	228	1173526	982.970	ng/ul	99

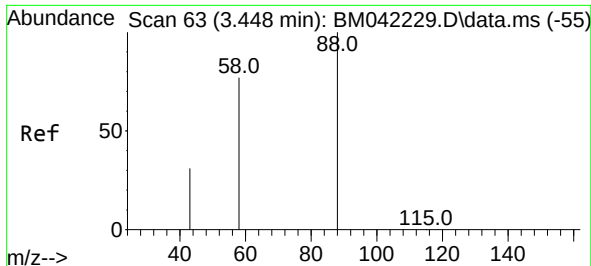
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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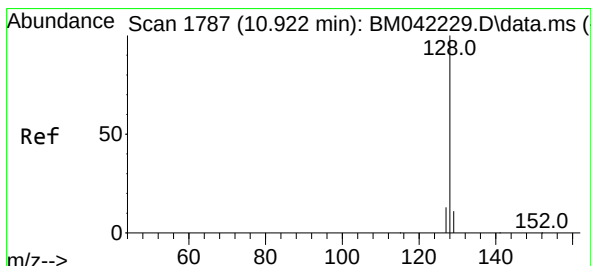
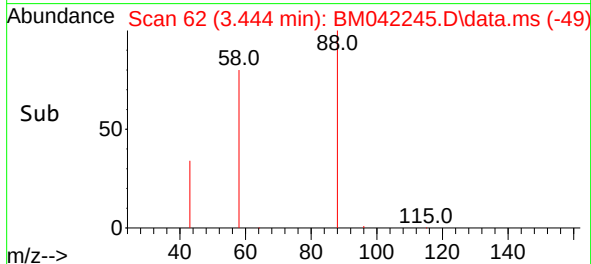
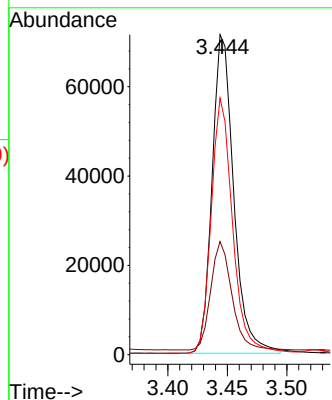
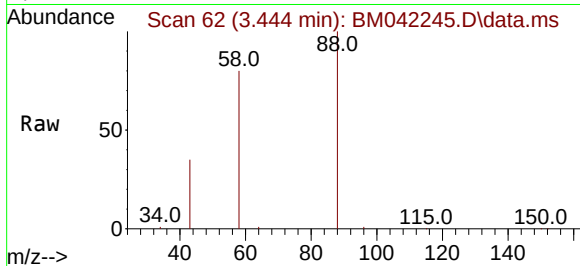




#2
1,4-Dioxane
Concen: 12985.305 ng/u1
RT: 3.444 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

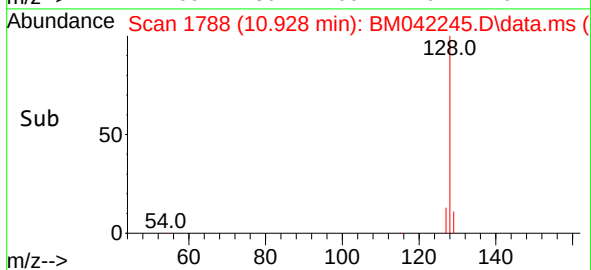
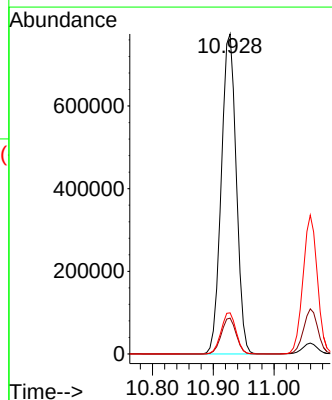
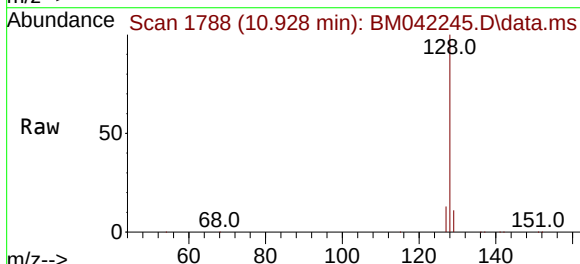
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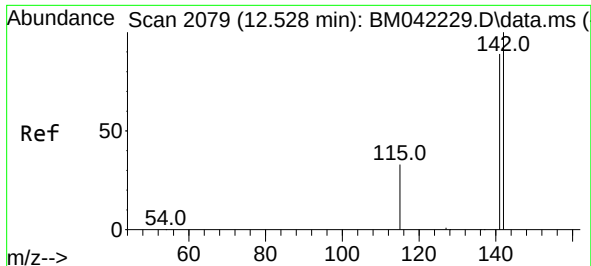
Tgt Ion: 88 Resp: 90291
Ion Ratio Lower Upper
88 100
43 35.4 52.1 78.1#
58 80.2 53.8 80.6



#5
Naphthalene
Concen: 3860.982 ng/u1
RT: 10.928 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:128 Resp: 1326727
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.8 11.0 16.4

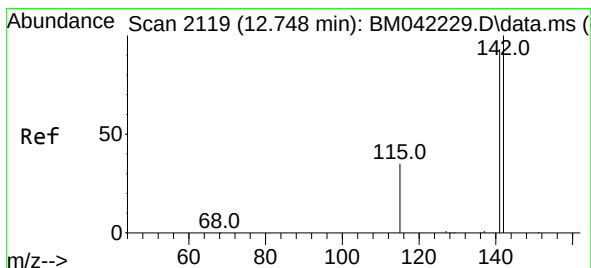
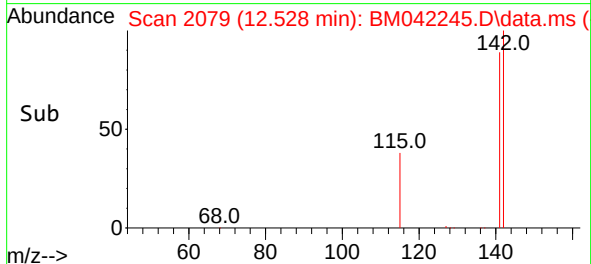
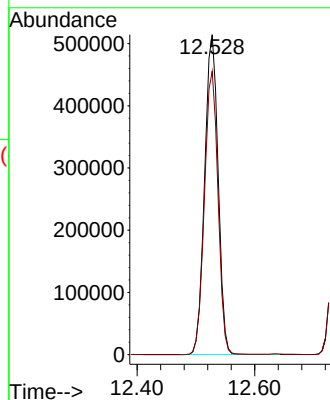
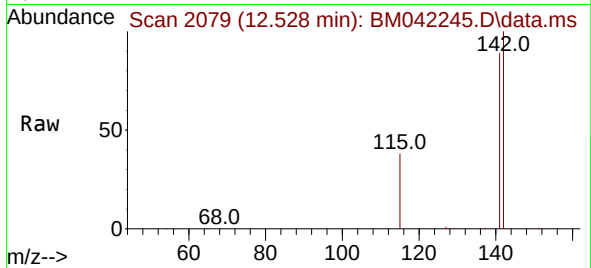




#7
2-Methylnaphthalene
Concen: 3978.416 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

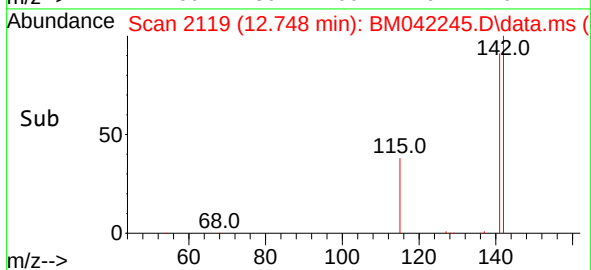
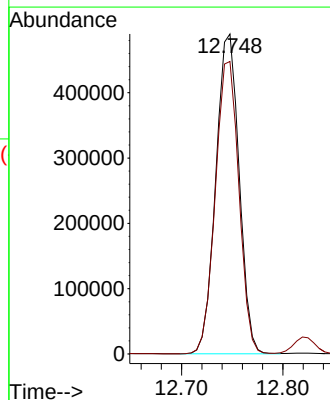
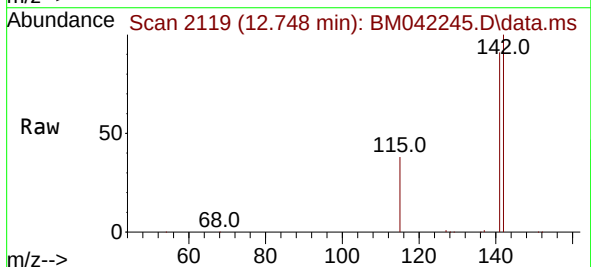
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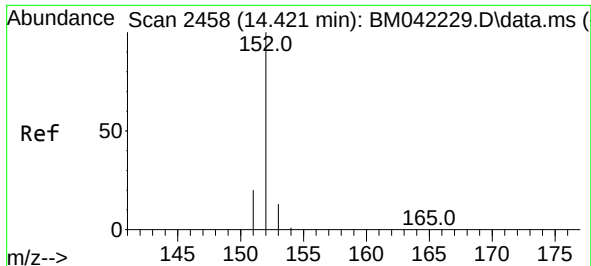
Tgt Ion:142 Resp: 818532
Ion Ratio Lower Upper
142 100
141 89.0 70.2 105.4



#8
1-Methylnaphthalene
Concen: 3777.372 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:142 Resp: 782855
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3

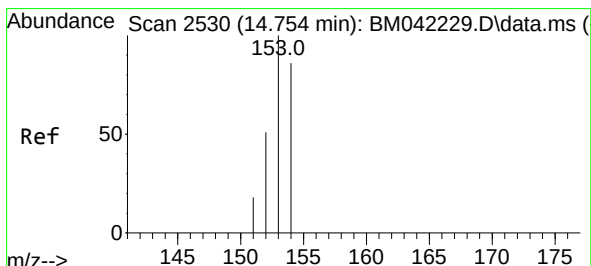
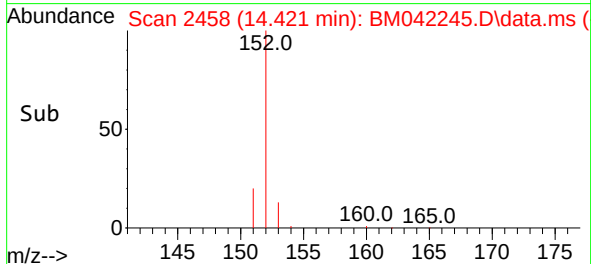
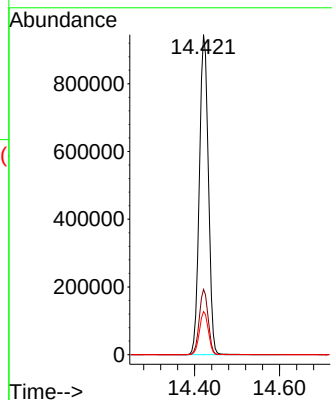
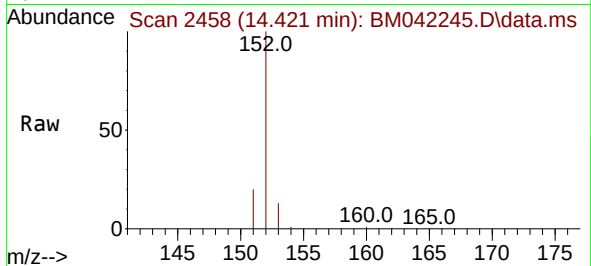




#10
Acenaphthylene
Concen: 688.332 ng/ul
RT: 14.421 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

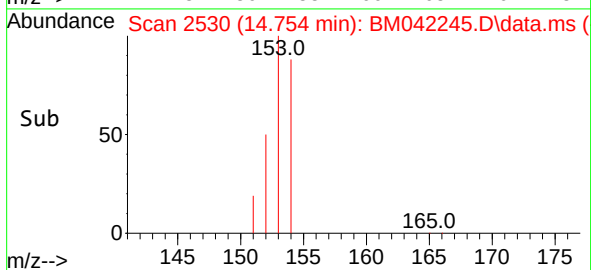
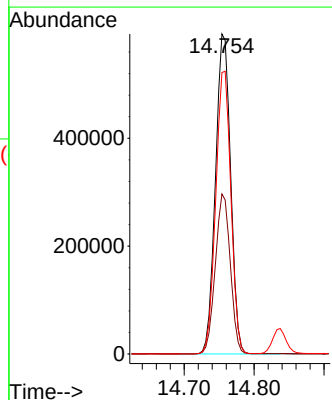
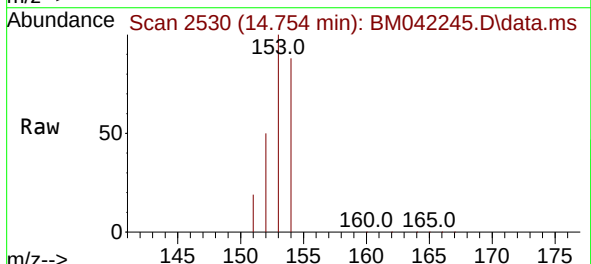
Instrument :
BNA_M
ClientSampleId :
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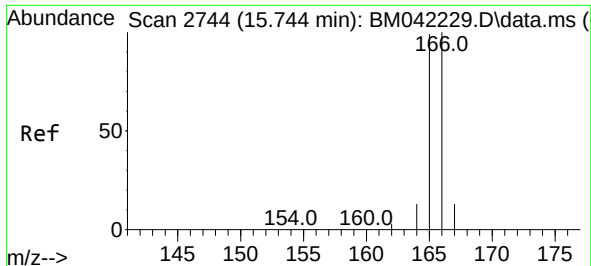
Tgt Ion:152 Resp: 1382725
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 586.810 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:153 Resp: 892297
Ion Ratio Lower Upper
153 100
152 50.0 41.1 61.7
154 87.9 69.5 104.3

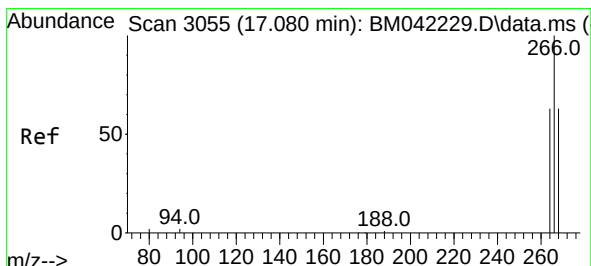
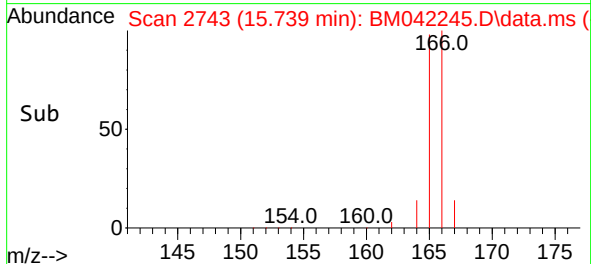
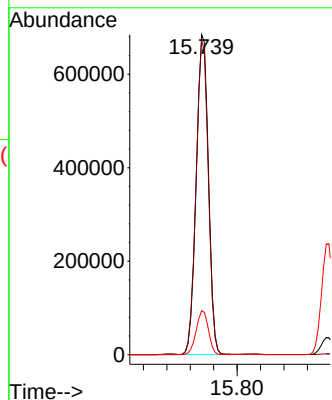
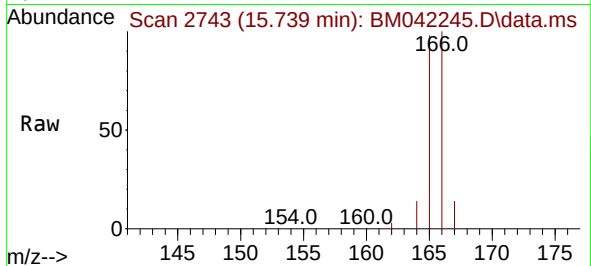




#12
Fluorene
Concen: 578.254 ng/ul
RT: 15.739 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

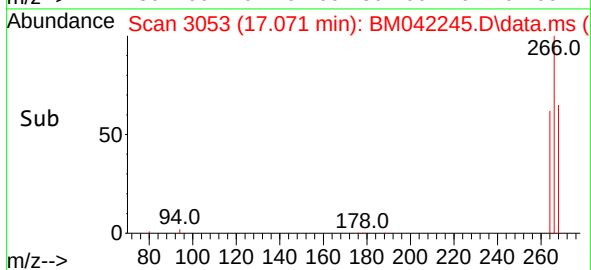
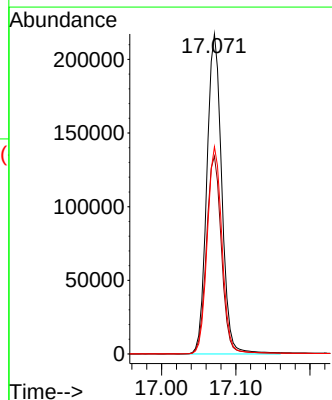
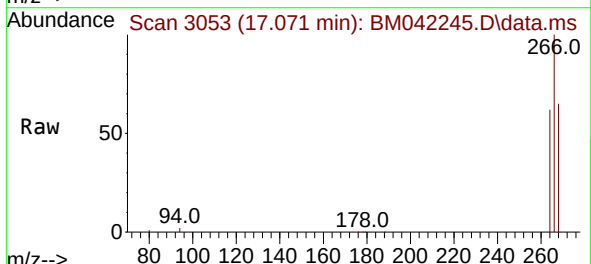
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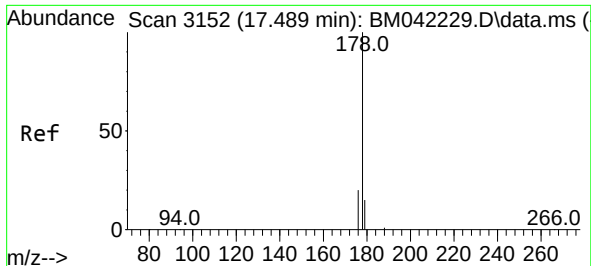
Tgt Ion:166 Resp: 990577
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.7 11.5 17.3



#14
Pentachlorophenol
Concen: 1503.412 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.009 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:266 Resp: 302609
Ion Ratio Lower Upper
266 100
264 62.3 51.1 76.7
268 64.4 52.1 78.1

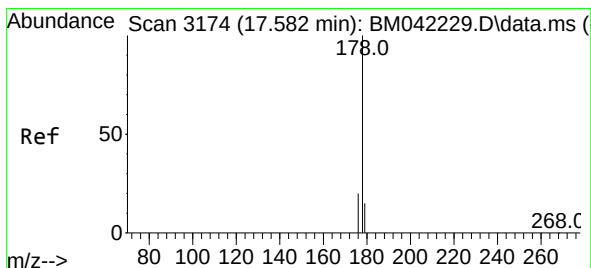
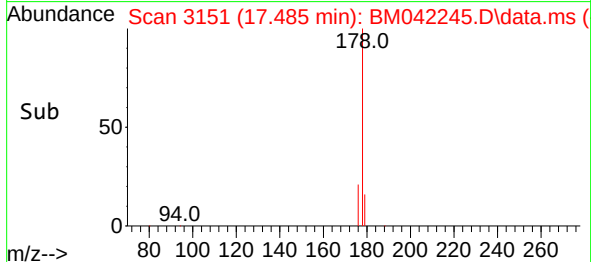
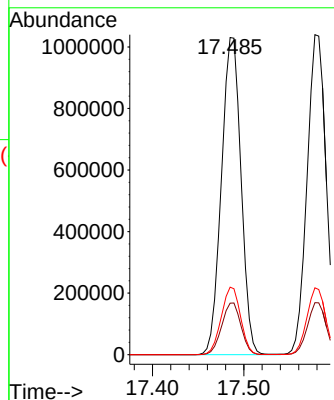
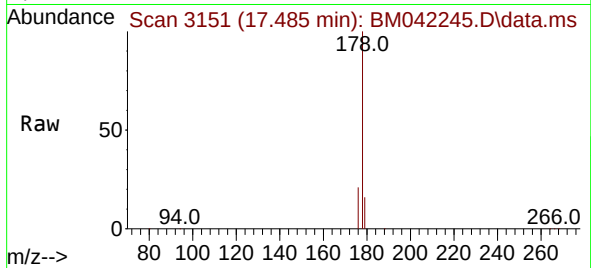




#15
Phenanthrene
Concen: 837.288 ng/ul
RT: 17.485 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

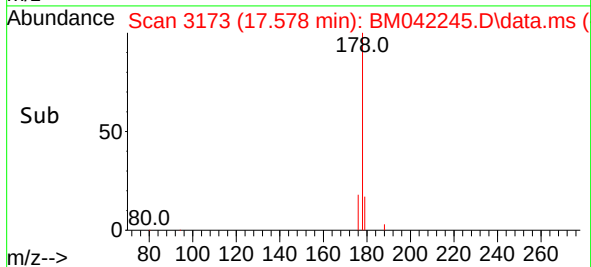
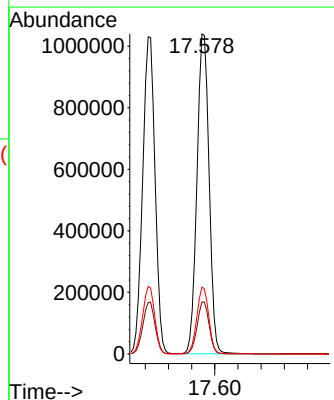
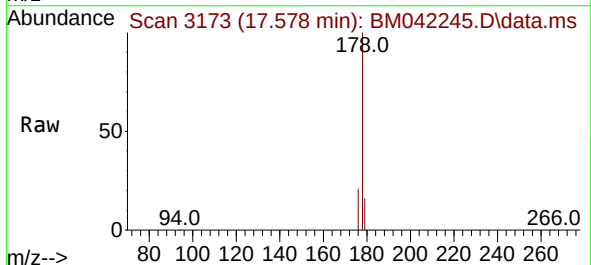
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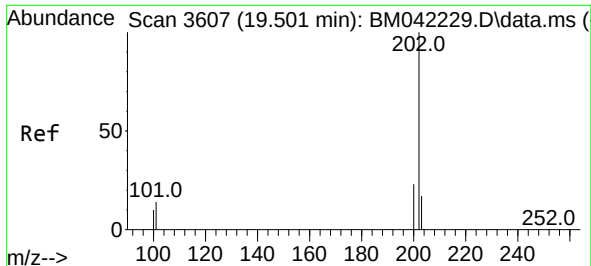
Tgt Ion:178 Resp: 1532706
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 21.3 16.8 25.2



#16
Anthracene
Concen: 901.037 ng/ul
RT: 17.578 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:178 Resp: 1508795
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.9 16.3 24.5

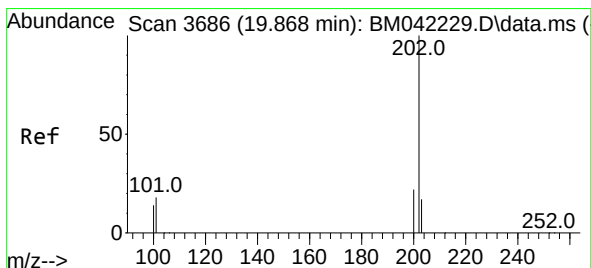
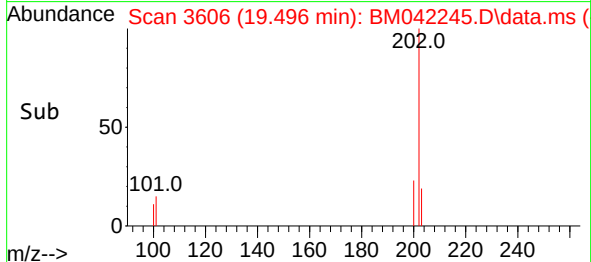
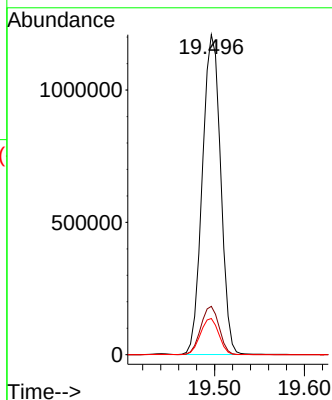
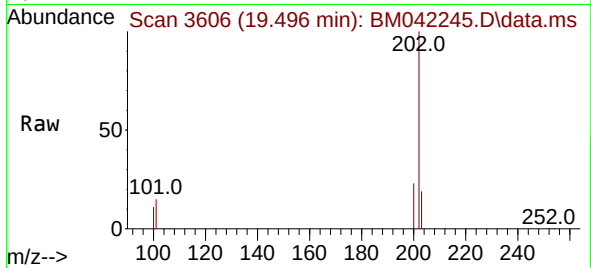




#19
Fluoranthene
Concen: 1187.825 ng/ul
RT: 19.496 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

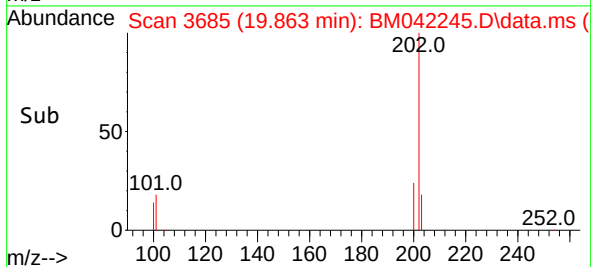
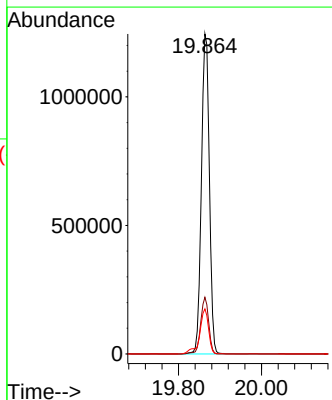
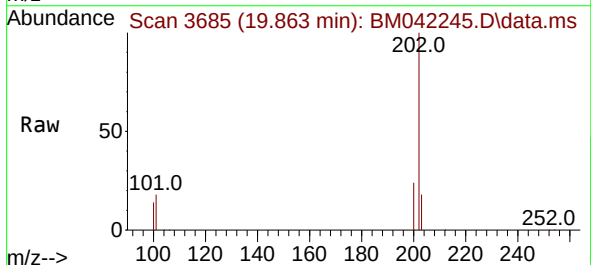
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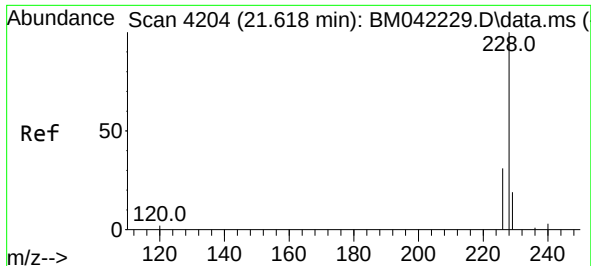
Tgt Ion:202 Resp: 1714370
Ion Ratio Lower Upper
202 100
101 15.1 11.1 16.7
100 11.3 8.2 12.2



#20
Pyrene
Concen: 1082.327 ng/ul
RT: 19.863 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:202 Resp: 1660315
Ion Ratio Lower Upper
202 100
101 17.7 12.7 19.1
100 14.1 9.9 14.9

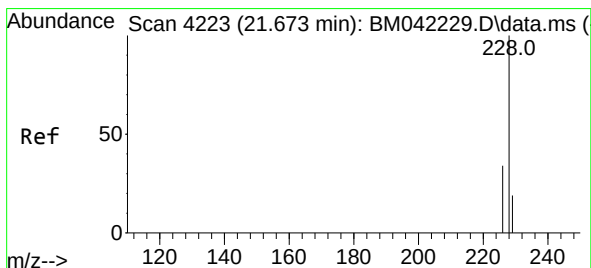
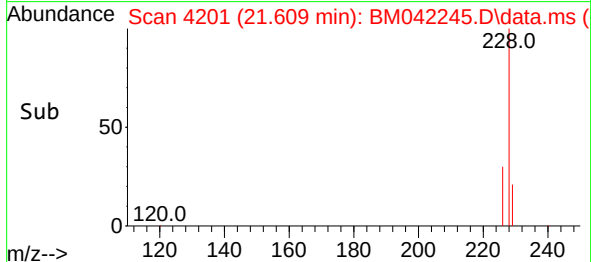
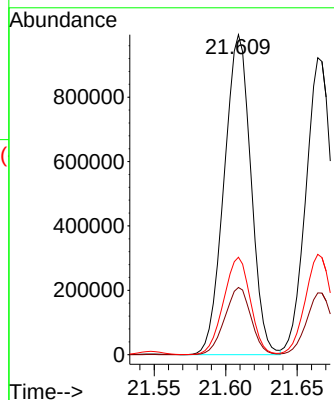
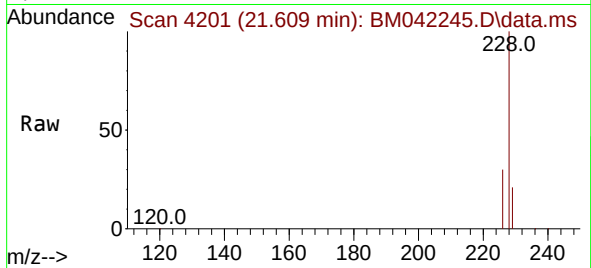




#21
Benzo(a)anthracene
Concen: 1056.190 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

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Tgt Ion:228 Resp: 1295505
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 30.5 24.6 37.0



#22
Chrysene
Concen: 982.970 ng/ul
RT: 21.664 min Scan# 4220
Delta R.T. -0.009 min
Lab File: BM042245.D
Acq: 10 Oct 2023 04:00

Tgt Ion:228 Resp: 1173526
Ion Ratio Lower Upper
228 100
226 33.8 26.7 40.1
229 20.8 15.8 23.8

