

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042014.D
 Acq On : 23 Sep 2023 08:13
 Operator : MA/JU
 Sample : 04386-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Quant Time: Sep 25 01:03:55 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)

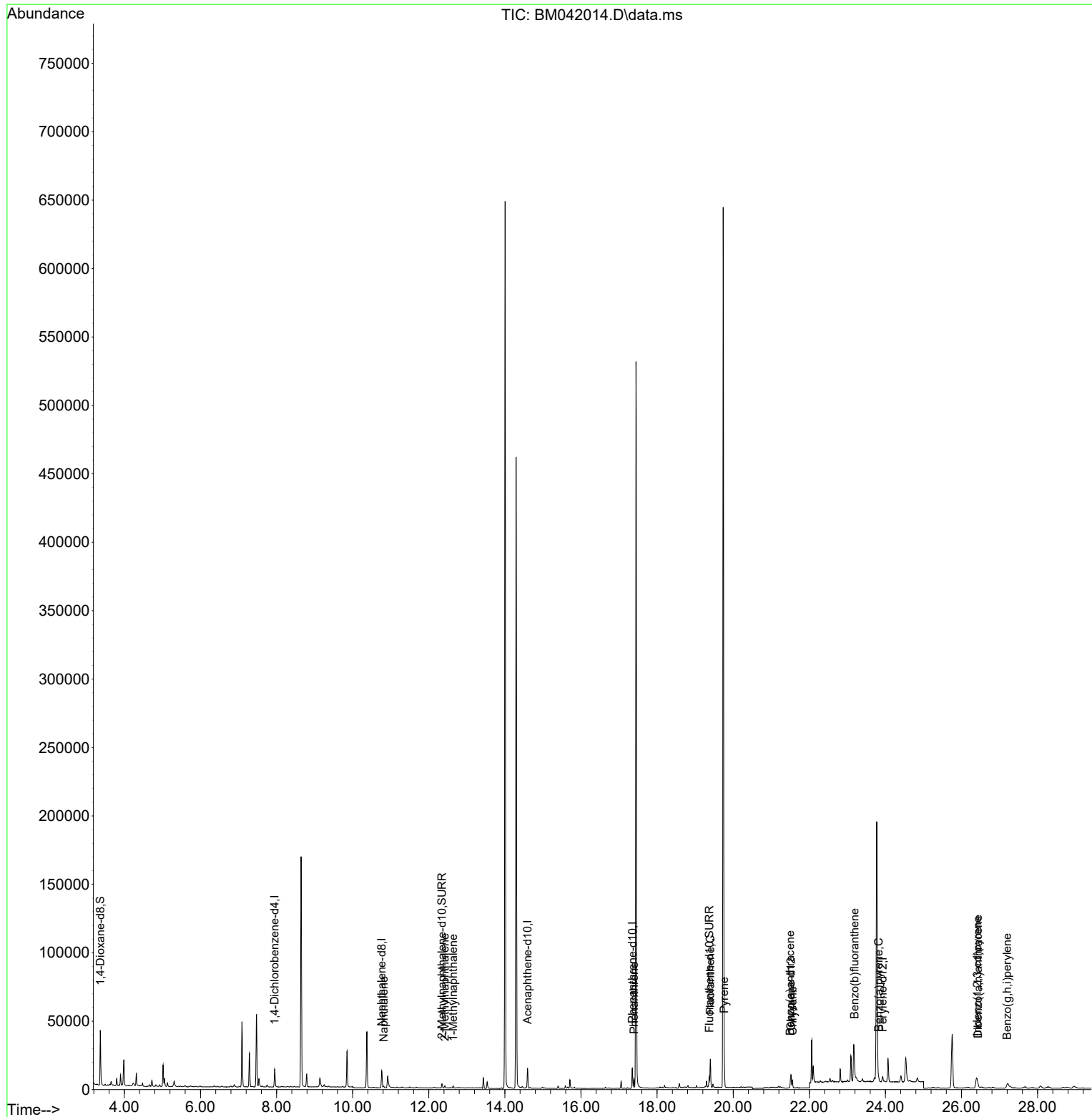
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	6332	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	15950	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	7259	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	15275	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	6217	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	5475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	23206	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	3723	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	5176	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	1551	0.029	ng/ul#	79
7) 2-Methylnaphthalene	12.423	142	1134	0.036	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	998	0.031	ng/ul	96
15) Phenanthrene	17.392	178	7026	0.099	ng/ul	96
19) Fluoranthene	19.399	202	16717	0.238	ng/ul	96
20) Pyrene	19.766	202	14193	0.205	ng/ul	97
21) Benzo(a)anthracene	21.501	228	4450	0.094	ng/ul	95
22) Chrysene	21.556	228	5719	0.117	ng/ul#	95
24) Benzo(b)fluoranthene	23.187	252	7554	0.179	ng/ul#	1
26) Benzo(a)pyrene	23.822	252	3745	0.108	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.418	276	3627	0.076	ng/ul#	35
28) Dibenzo(a,h)anthracene	26.431	278	798	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	27.199	276	3401	0.085	ng/ul#	14

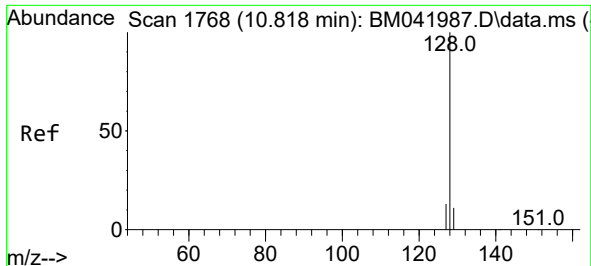
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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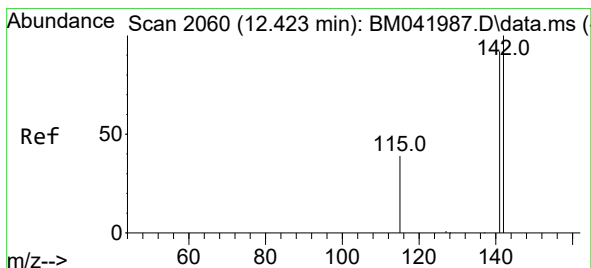
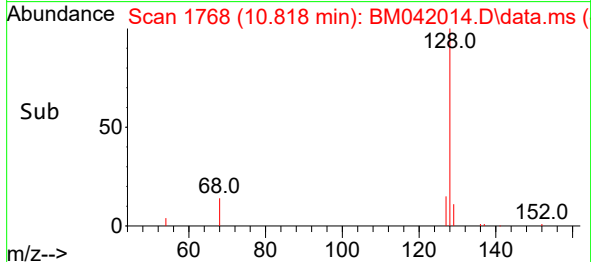
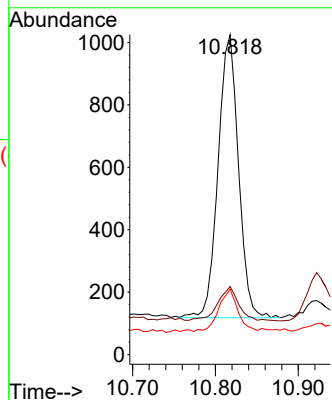
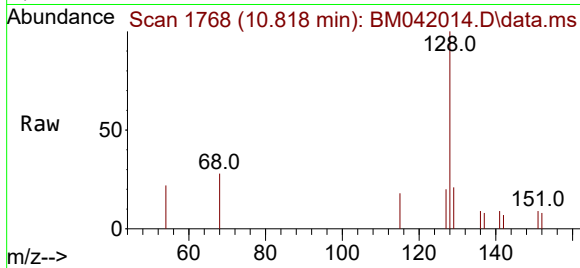




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

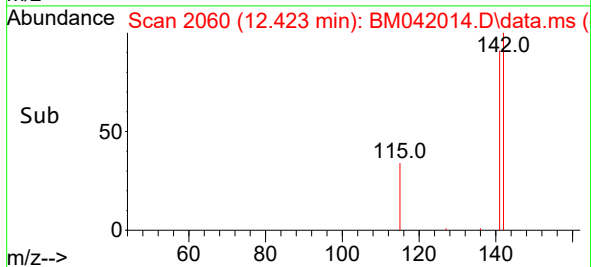
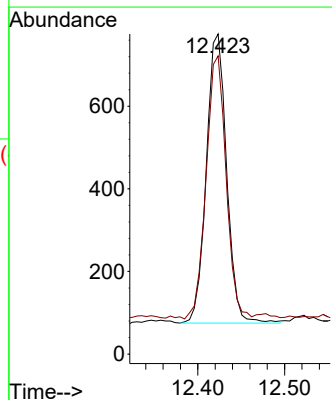
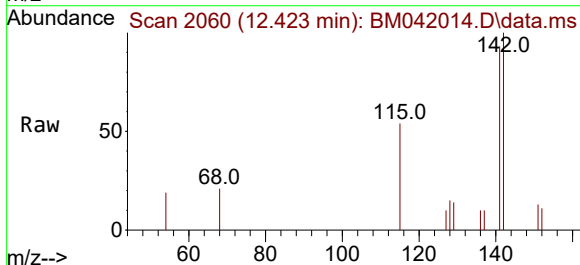
Instrument :
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C0AF9

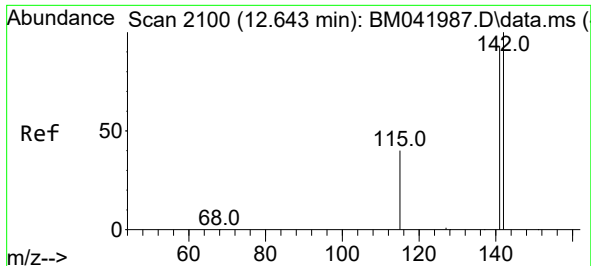
Tgt Ion:128 Resp: 1551
Ion Ratio Lower Upper
128 100
129 21.3 9.2 13.8#
127 20.5 10.8 16.2#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

Tgt Ion:142 Resp: 1134
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1

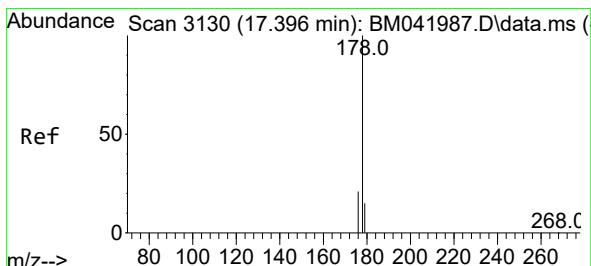
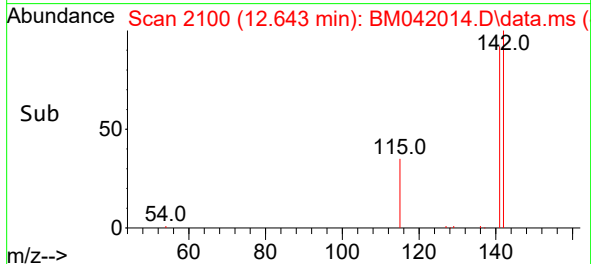
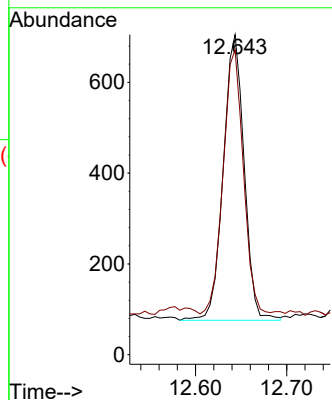
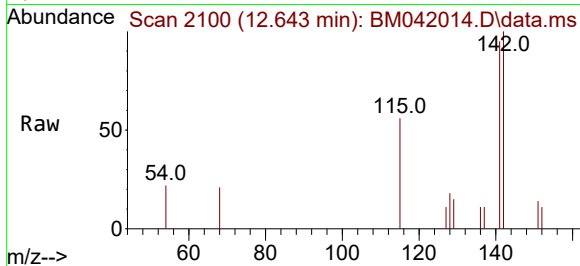




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

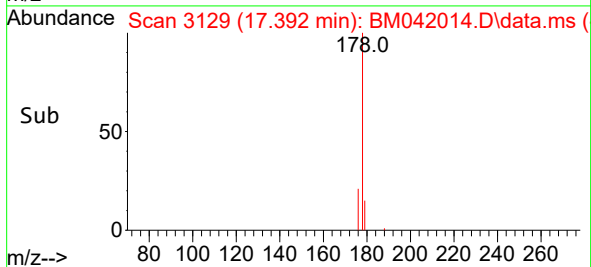
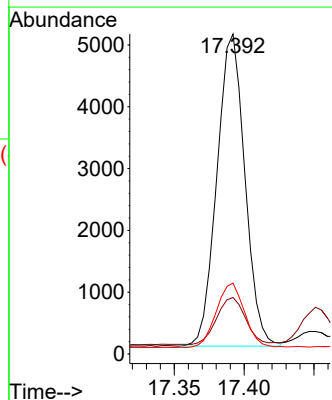
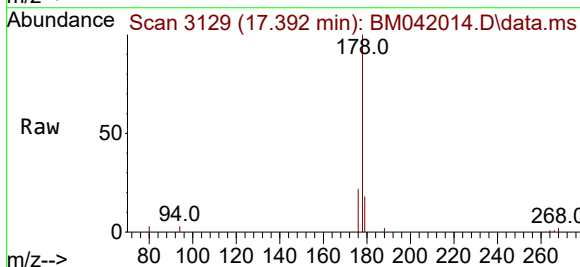
Instrument :
BNA_M
ClientSampleId :
C0AF9

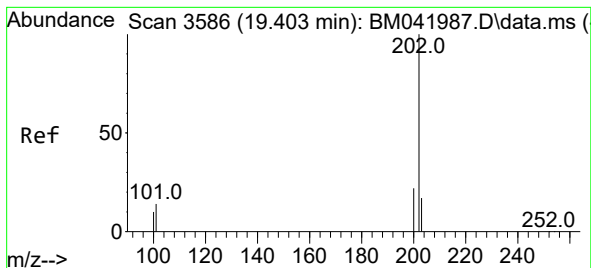
Tgt Ion:142 Resp: 998
Ion Ratio Lower Upper
142 100
141 89.8 75.1 112.7



#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

Tgt Ion:178 Resp: 7026
Ion Ratio Lower Upper
178 100
179 17.6 12.7 19.1
176 22.1 16.6 24.8





#19

Fluoranthene

Concen: 0.238 ng/ul

RT: 19.399 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM042014.D

Acq: 23 Sep 2023 08:13

Instrument :

BNA_M

ClientSampleId :

C0AF9

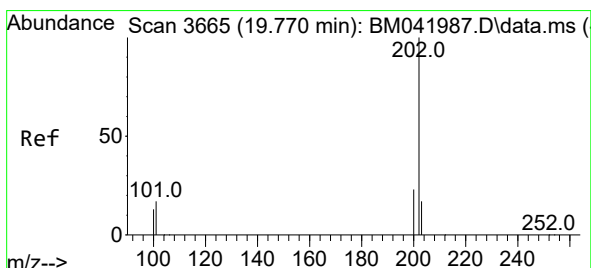
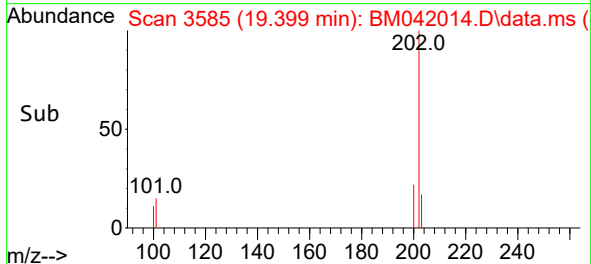
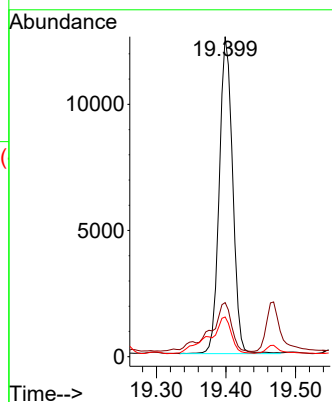
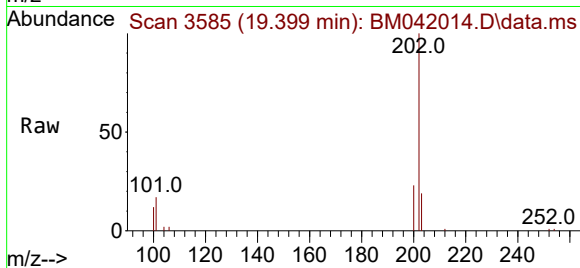
Tgt Ion:202 Resp: 16717

Ion Ratio Lower Upper

202 100

101 16.9 11.8 17.6

100 12.4 9.1 13.7



#20

Pyrene

Concen: 0.205 ng/ul

RT: 19.766 min Scan# 3664

Delta R.T. -0.005 min

Lab File: BM042014.D

Acq: 23 Sep 2023 08:13

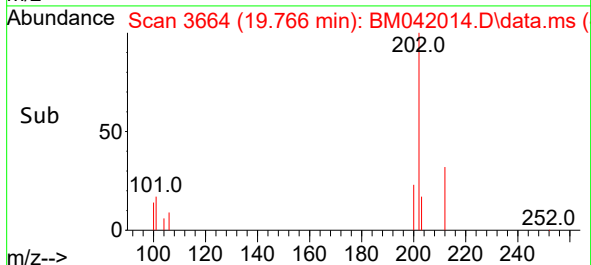
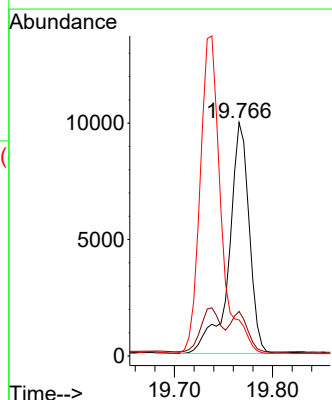
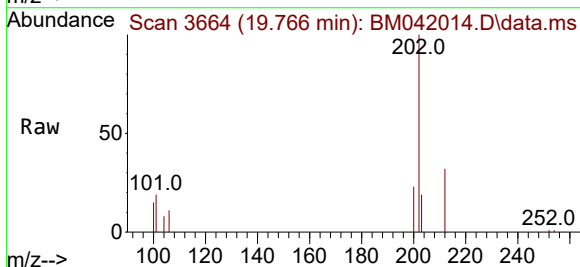
Tgt Ion:202 Resp: 14193

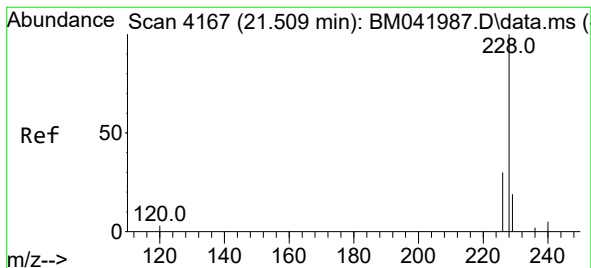
Ion Ratio Lower Upper

202 100

101 19.0 14.1 21.1

100 15.4 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.094 ng/ul

RT: 21.501 min Scan# 4164

Delta R.T. -0.006 min

Lab File: BM042014.D

Acq: 23 Sep 2023 08:13

Instrument :

BNA_M

ClientSampleId :

C0AF9

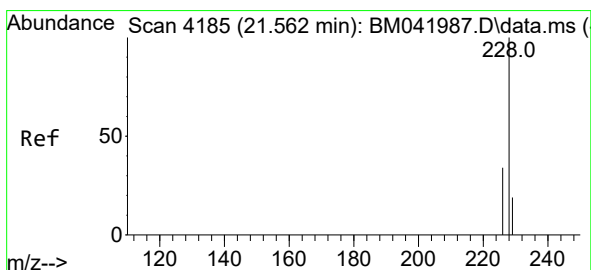
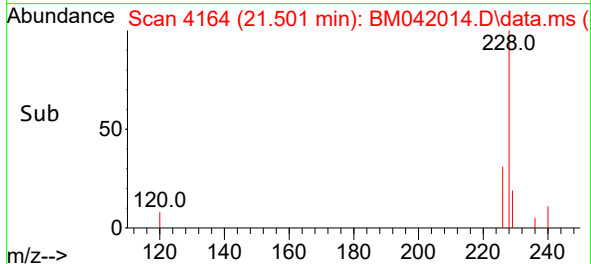
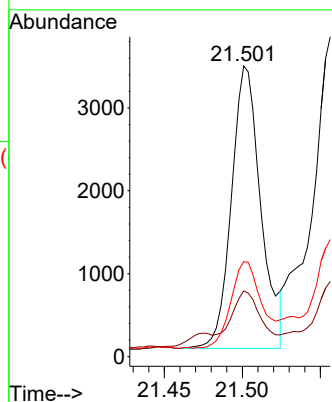
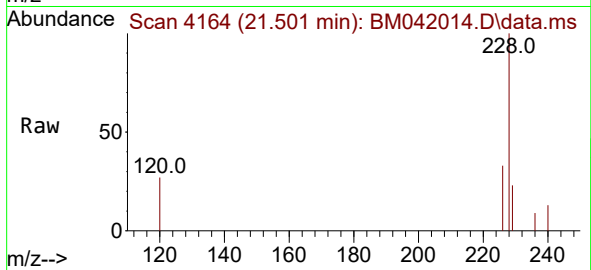
Tgt Ion:228 Resp: 4450

Ion Ratio Lower Upper

228 100

229 22.6 15.5 23.3

226 32.7 24.8 37.2



#22

Chrysene

Concen: 0.117 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.006 min

Lab File: BM042014.D

Acq: 23 Sep 2023 08:13

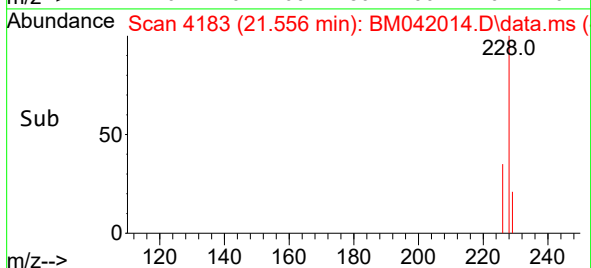
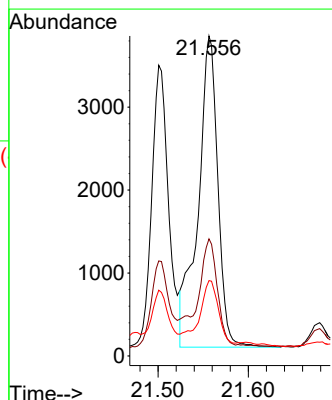
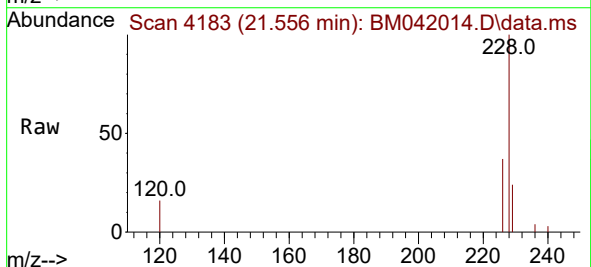
Tgt Ion:228 Resp: 5719

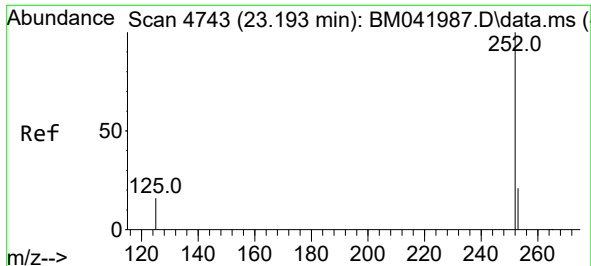
Ion Ratio Lower Upper

228 100

226 36.6 27.8 41.6

229 23.6 15.6 23.4#

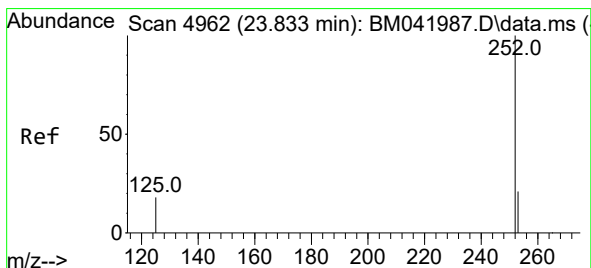
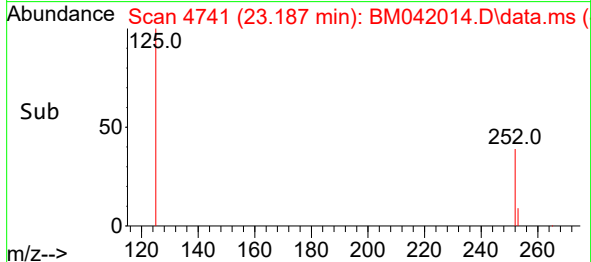
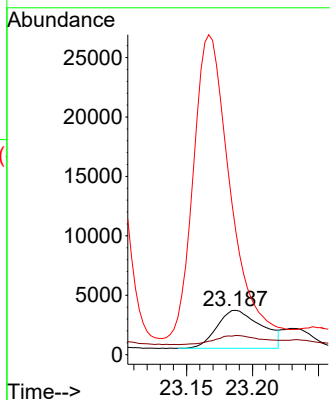
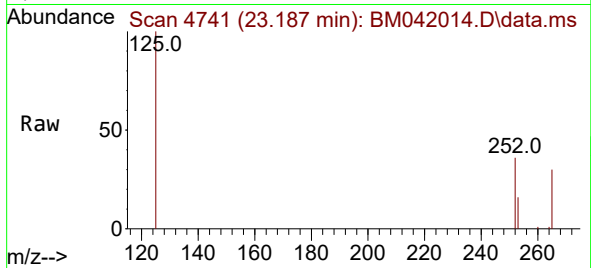




#24
Benzo(b)fluoranthene
Concen: 0.179 ng/ul
RT: 23.187 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

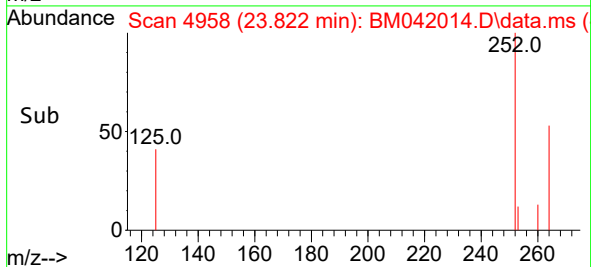
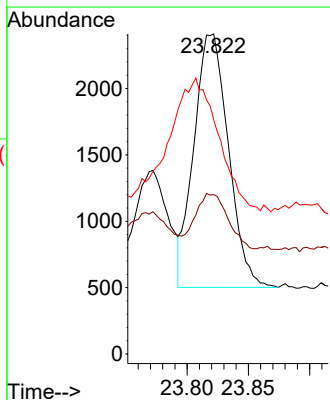
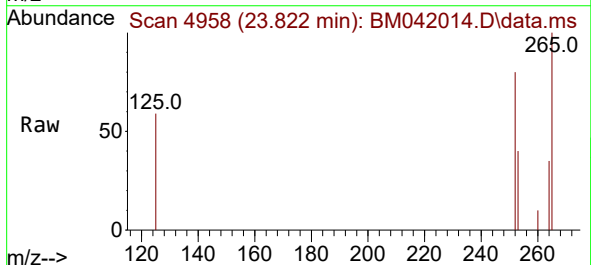
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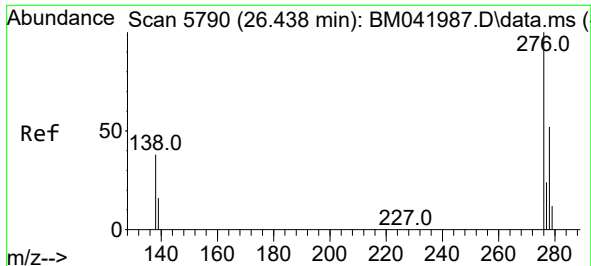
Tgt Ion:252 Resp: 7554
Ion Ratio Lower Upper
252 100
253 43.5 0.0 54.4
125 278.7 0.0 46.2#



#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM042014.D
Acq: 23 Sep 2023 08:13

Tgt Ion:252 Resp: 3745
Ion Ratio Lower Upper
252 100
253 49.8 23.2 34.8#
125 73.2 22.5 33.7#

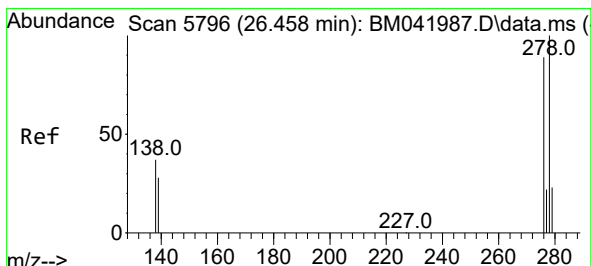
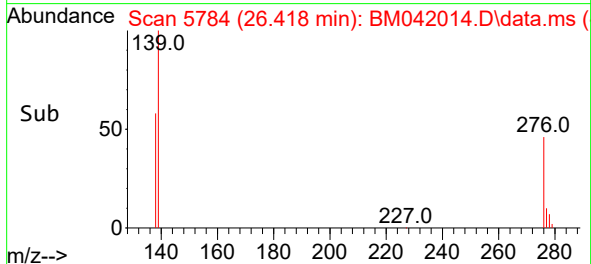
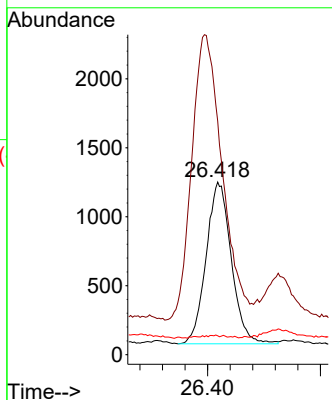
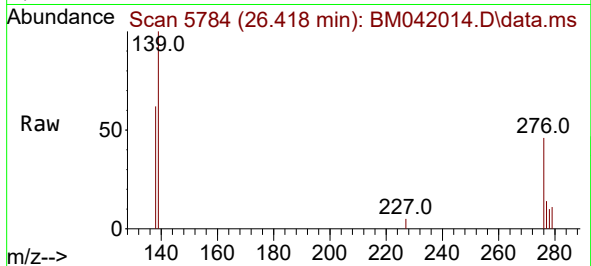




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng/ul
 RT: 26.418 min Scan# 5784
 Delta R.T. -0.013 min
 Lab File: BM042014.D
 Acq: 23 Sep 2023 08:13

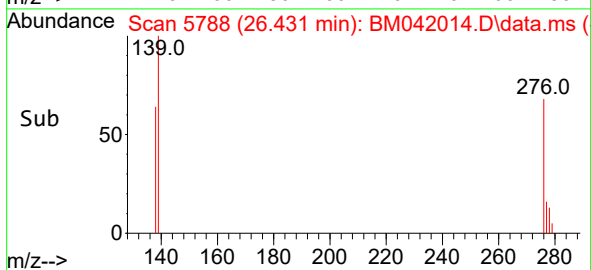
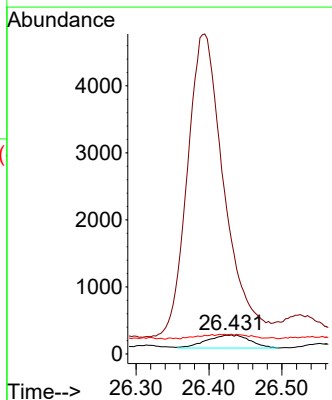
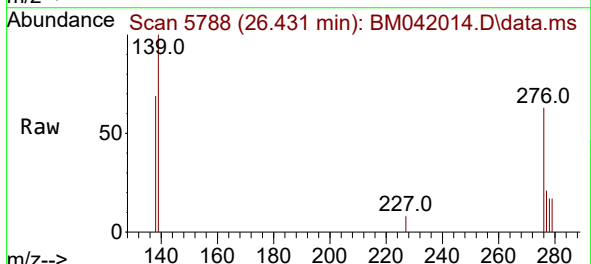
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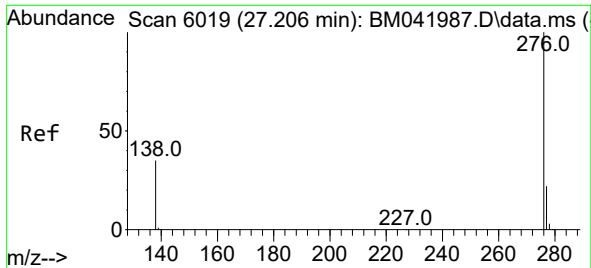
Tgt Ion:276 Resp: 3627
 Ion Ratio Lower Upper
 276 100
 138 0.0 32.1 48.1#
 227 0.3 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 26.431 min Scan# 5788
 Delta R.T. -0.020 min
 Lab File: BM042014.D
 Acq: 23 Sep 2023 08:13

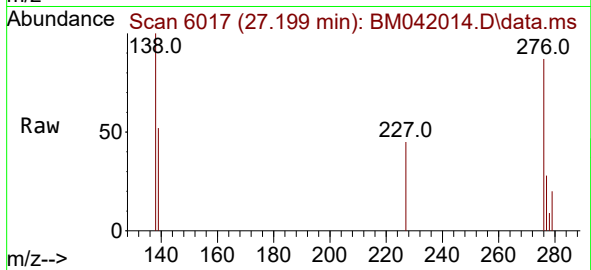
Tgt Ion:278 Resp: 798
 Ion Ratio Lower Upper
 278 100
 139 590.2 25.0 37.6#
 279 102.8 21.7 32.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.085 ng/ul
 RT: 27.199 min Scan# 6017
 Delta R.T. -0.010 min
 Lab File: BM042014.D
 Acq: 23 Sep 2023 08:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9



Tgt Ion:276 Resp: 3401
 Ion Ratio Lower Upper
 276 100
 138 115.1 29.0 43.4#
 277 32.1 19.6 29.4#

