

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040595.D
 Acq On : 04 Jul 2023 03:32
 Operator : MA/JU
 Sample : 03243-01DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA5DL

Quant Time: Jul 04 04:18:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

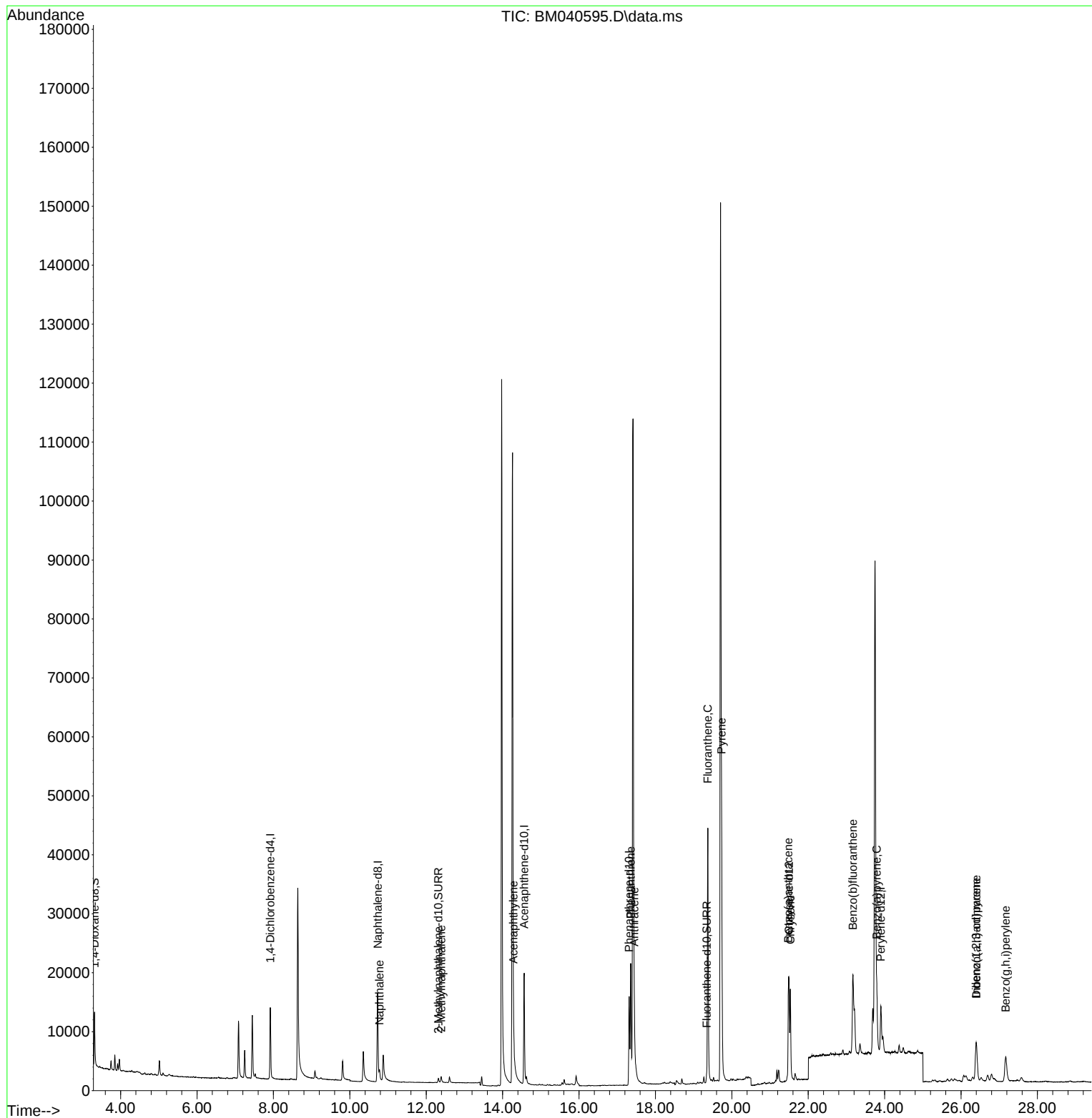
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	24604	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	21474	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12358	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	12296	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5389	0.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1330	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1861	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2157	0.032	ng/ul#	81
7) 2-Methylnaphthalene	12.395	142	1078	0.027	ng/ul	94
10) Acenaphthylene	14.286	152	2995	0.058	ng/ul#	89
15) Phenanthrene	17.353	178	26247	0.393	ng/ul	100
16) Anthracene	17.446	178	4648	0.083	ng/ul#	90
19) Fluoranthene	19.370	202	43902	0.836	ng/ul	98
20) Pyrene	19.733	202	34133	0.606	ng/ul	99
21) Benzo(a)anthracene	21.480	228	14940	0.357	ng/ul	95
22) Chrysene	21.532	228	16656	0.349	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	25866	0.544	ng/ul	95
26) Benzo(a)pyrene	23.795	252	14420	0.336	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.397	276	13434	0.225	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.400	278	3081	0.066	ng/ul#	45
29) Benzo(g,h,i)perylene	27.168	276	11208	0.214	ng/ul	94

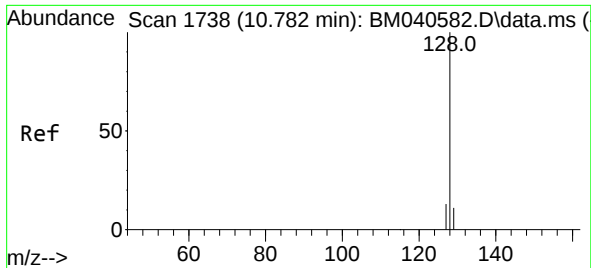
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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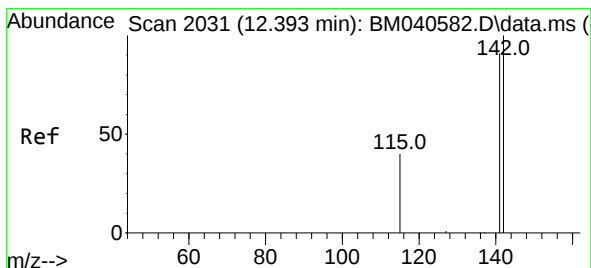
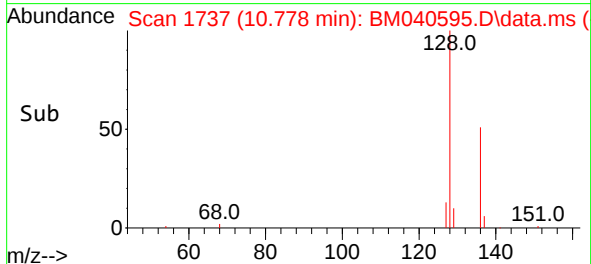
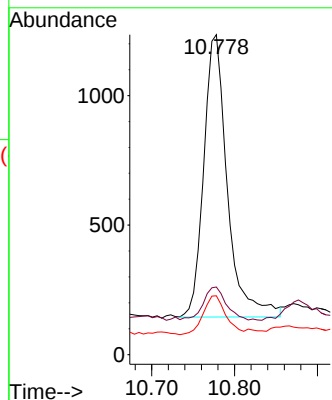
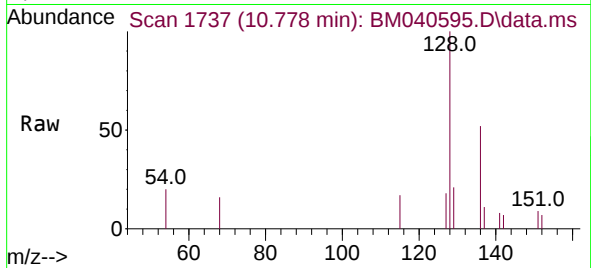




#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

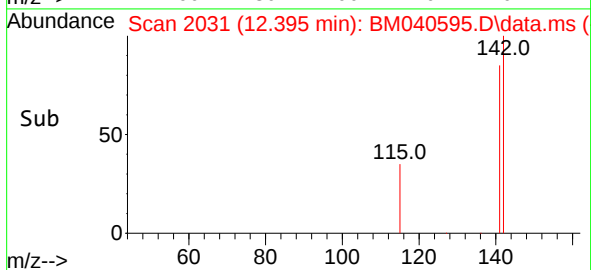
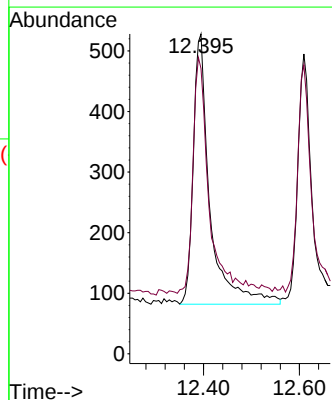
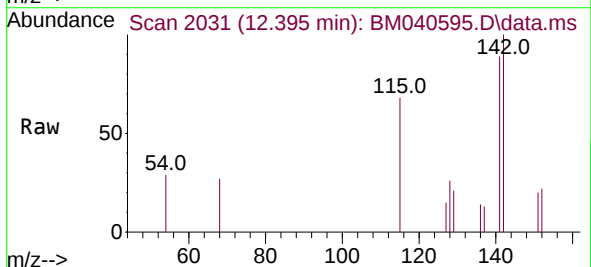
Instrument :
BNA_N
ClientSampleId :
DCGA5DL

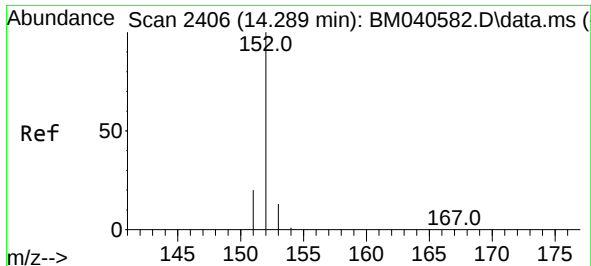
Tgt Ion:128 Resp: 2157
Ion Ratio Lower Upper
128 100
129 21.1 9.2 13.8#
127 18.4 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 84.0 71.9 107.9

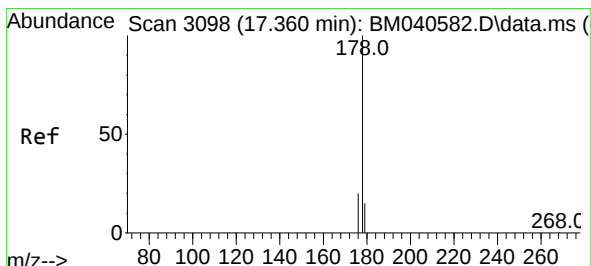
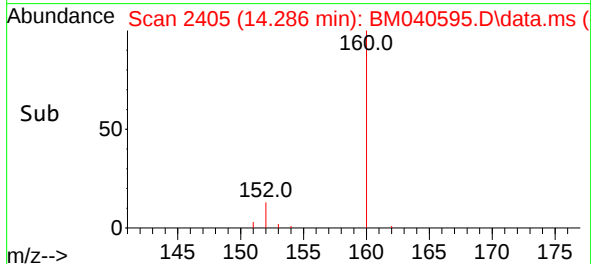
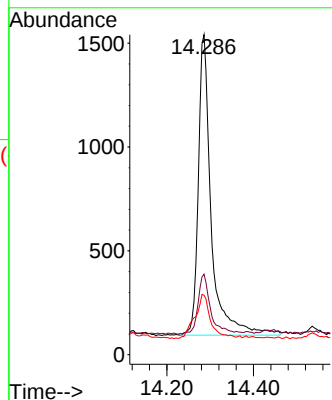
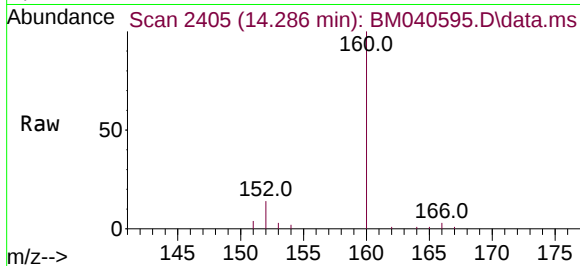




#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

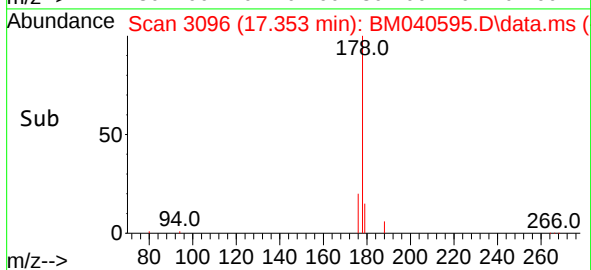
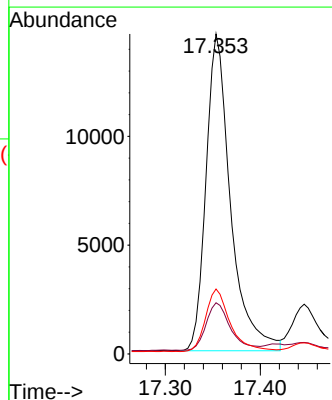
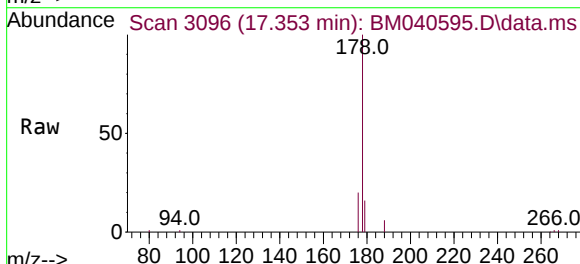
Instrument :
BNA_N
ClientSampleId :
DCGA5DL

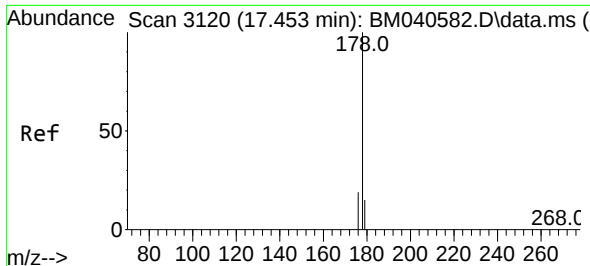
Tgt Ion:152 Resp: 2995
Ion Ratio Lower Upper
152 100
151 25.2 16.2 24.2#
153 18.6 10.9 16.3#



#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.009 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

Tgt Ion:178 Resp: 26247
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.3 16.4 24.6

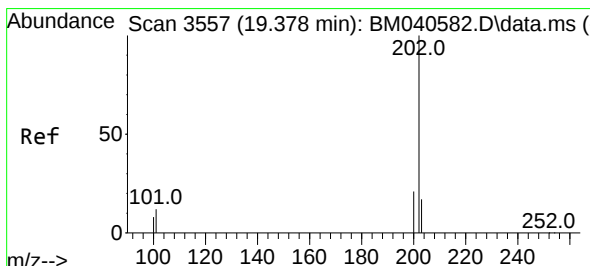
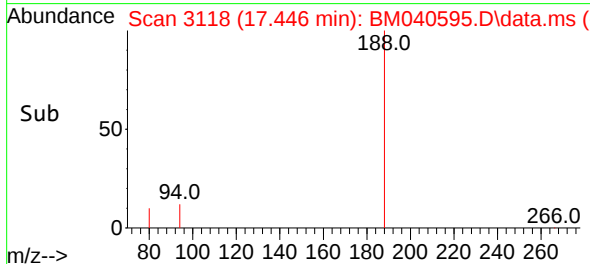
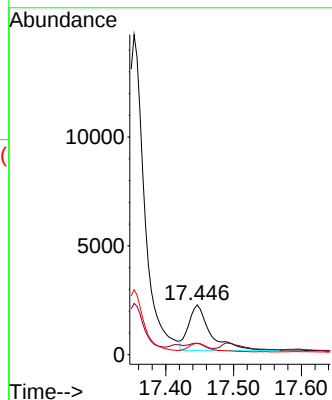
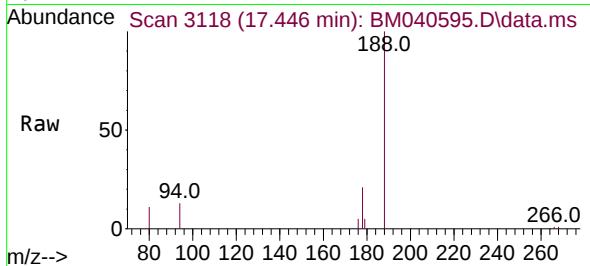




#16
 Anthracene
 Concen: 0.083 ng/ul
 RT: 17.446 min Scan# 3118
 Delta R.T. -0.009 min
 Lab File: BM040595.D
 Acq: 04 Jul 2023 03:32

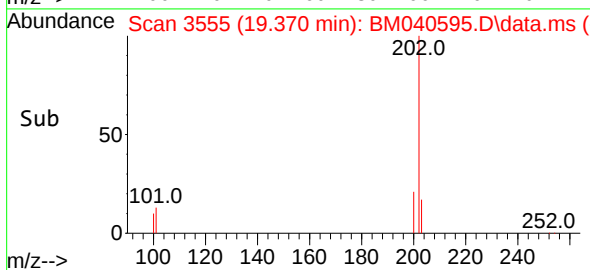
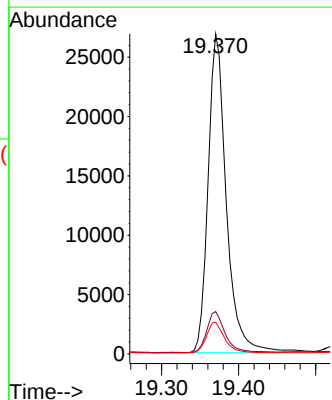
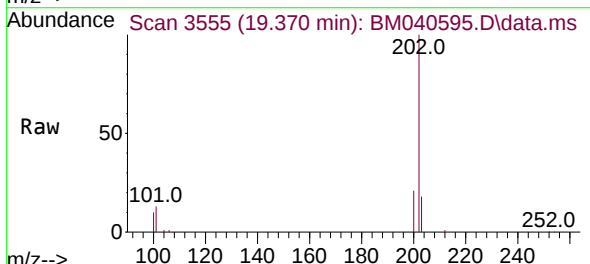
Instrument :
 BNA_N
 ClientSampleId :
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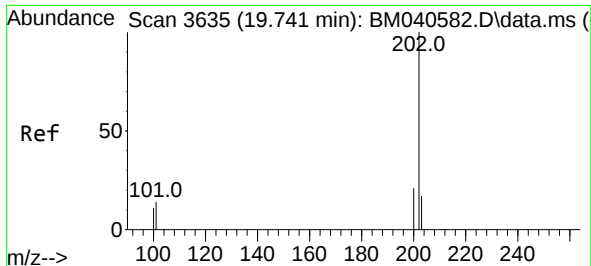
Tgt Ion:178 Resp: 4648
 Ion Ratio Lower Upper
 178 100
 179 23.1 12.9 19.3#
 176 22.2 15.8 23.6



#19
 Fluoranthene
 Concen: 0.836 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040595.D
 Acq: 04 Jul 2023 03:32

Tgt Ion:202 Resp: 43902
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.4 17.0
 100 9.9 8.7 13.1





#20

Pyrene

Concen: 0.606 ng/ul

RT: 19.733 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040595.D

Acq: 04 Jul 2023 03:32

Instrument :

BNA_N

ClientSampleId :

DCGA5DL

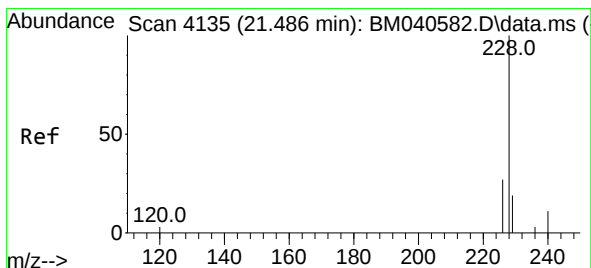
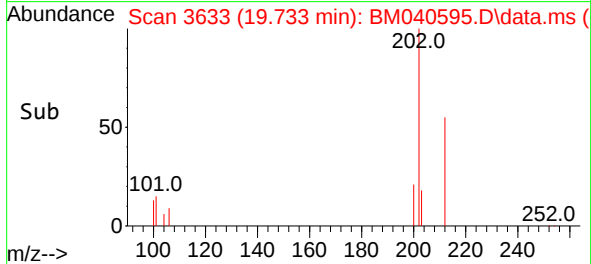
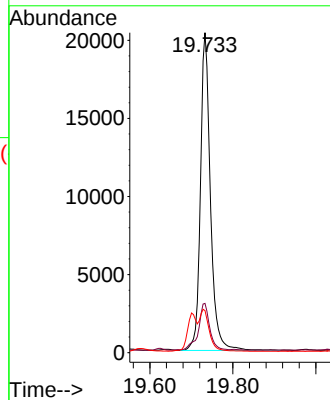
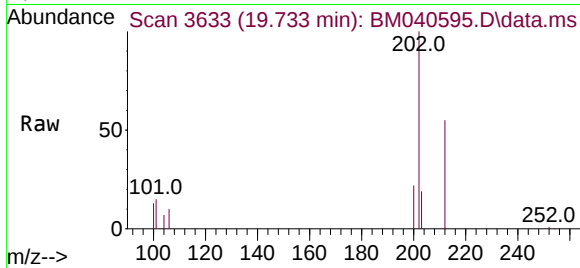
Tgt Ion:202 Resp: 34133

Ion Ratio Lower Upper

202 100

101 15.4 12.6 18.8

100 13.2 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.357 ng/ul

RT: 21.480 min Scan# 4133

Delta R.T. -0.009 min

Lab File: BM040595.D

Acq: 04 Jul 2023 03:32

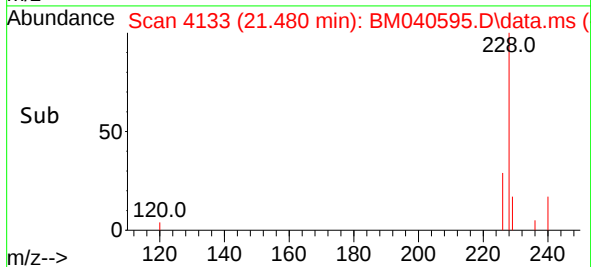
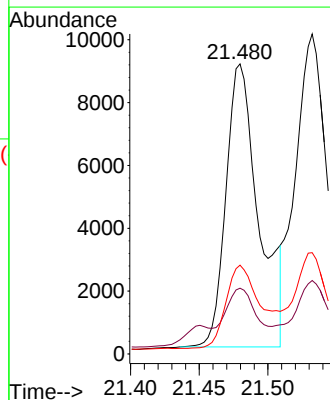
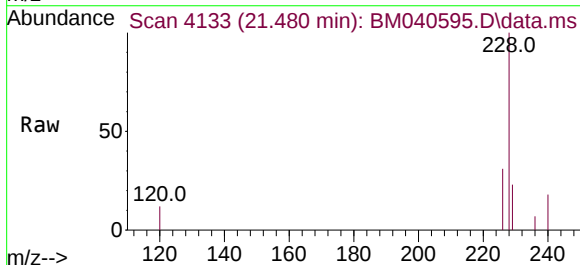
Tgt Ion:228 Resp: 14940

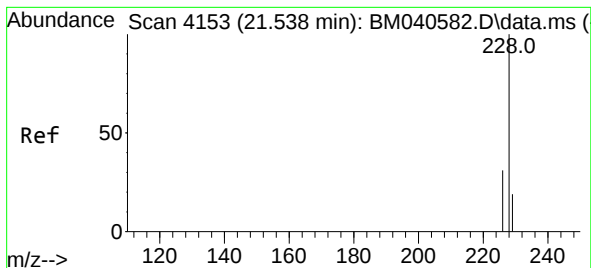
Ion Ratio Lower Upper

228 100

229 22.7 16.0 24.0

226 30.6 22.3 33.5





#22

Chrysene

Concen: 0.349 ng/ul

RT: 21.532 min Scan# 4153

Delta R.T. -0.009 min

Lab File: BM040595.D

Acq: 04 Jul 2023 03:32

Instrument :

BNA_N

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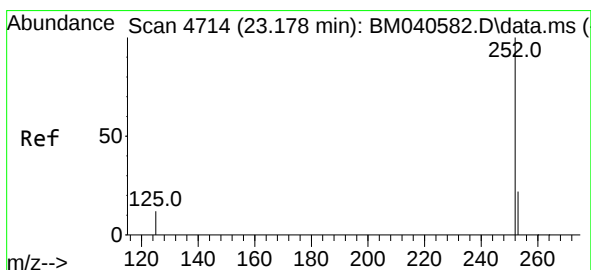
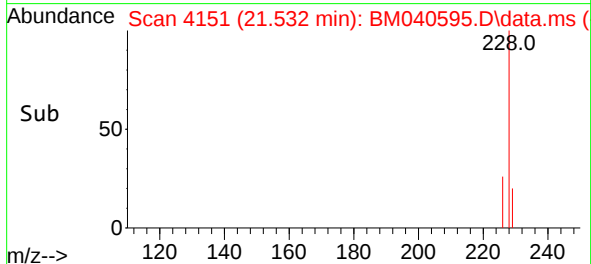
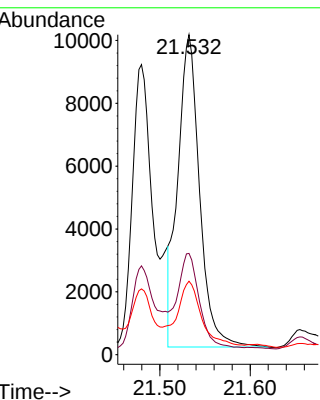
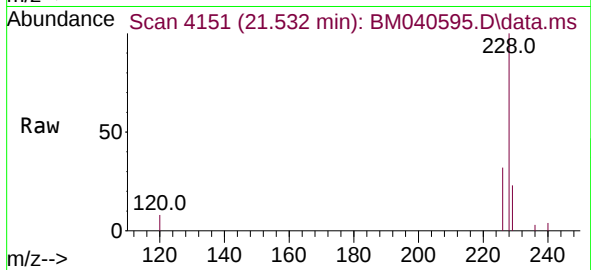
Tgt Ion:228 Resp: 16656

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 22.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.544 ng/ul

RT: 23.169 min Scan# 4711

Delta R.T. -0.012 min

Lab File: BM040595.D

Acq: 04 Jul 2023 03:32

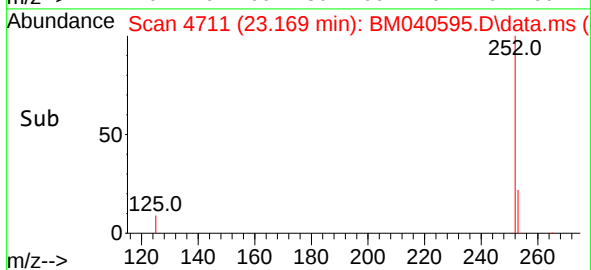
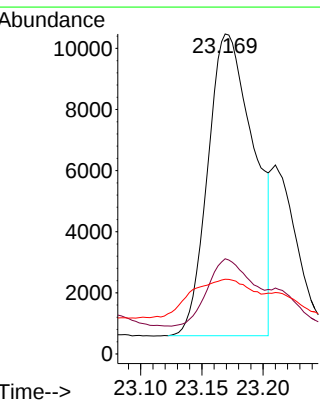
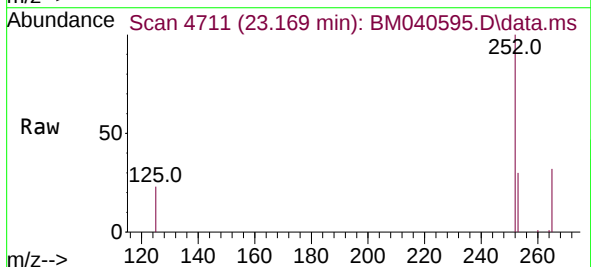
Tgt Ion:252 Resp: 25866

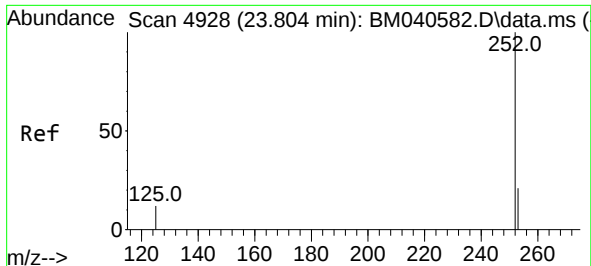
Ion Ratio Lower Upper

252 100

253 29.7 0.0 52.8

125 23.4 0.0 43.0

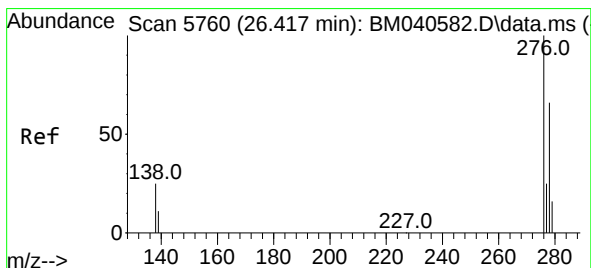
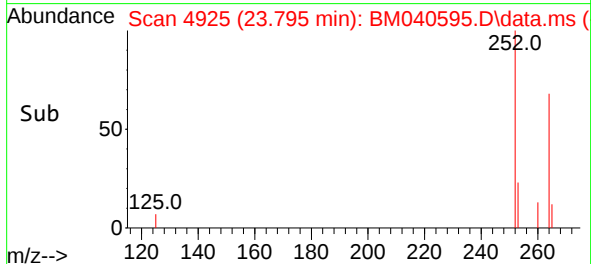
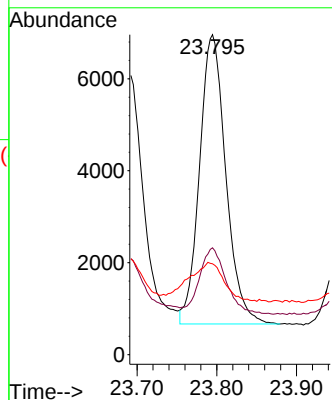
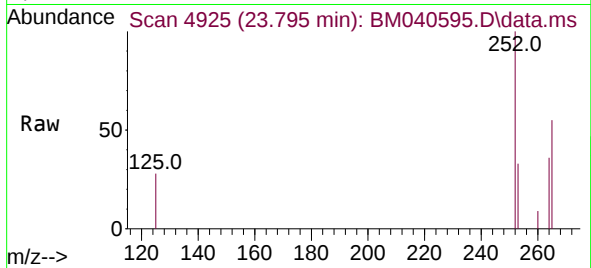




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

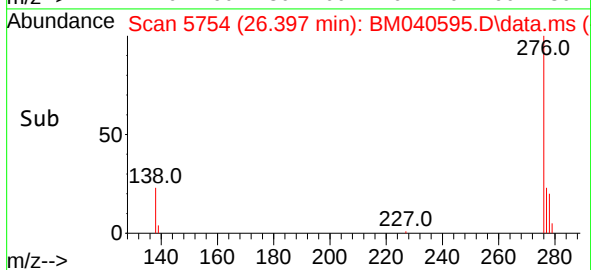
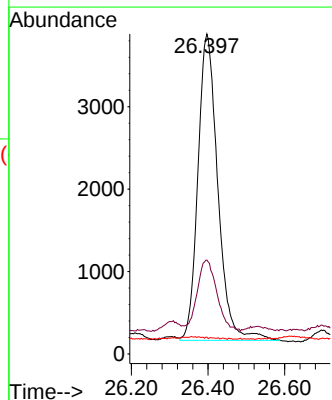
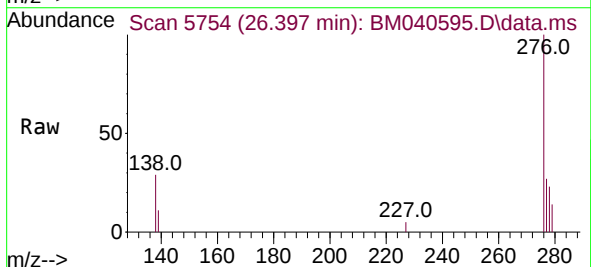
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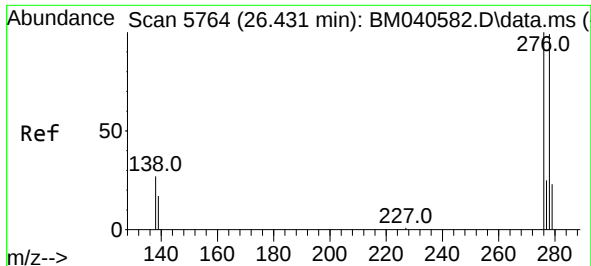
Tgt Ion:252 Resp: 14420
Ion Ratio Lower Upper
252 100
253 33.4 22.9 34.3
125 28.4 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040595.D
Acq: 04 Jul 2023 03:32

Tgt Ion:276 Resp: 13434
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.1 0.1#

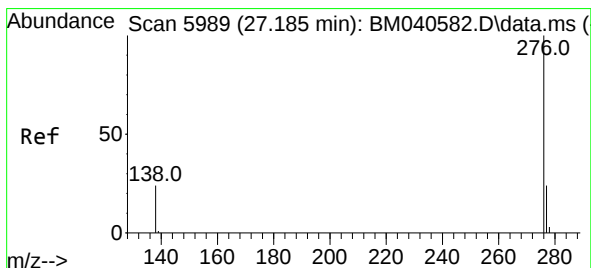
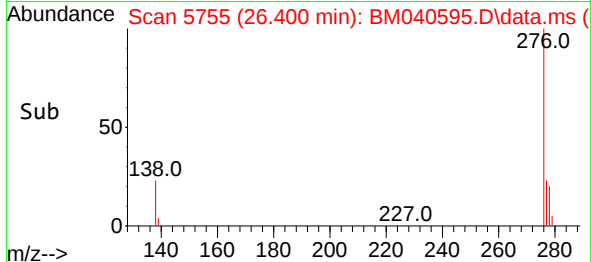
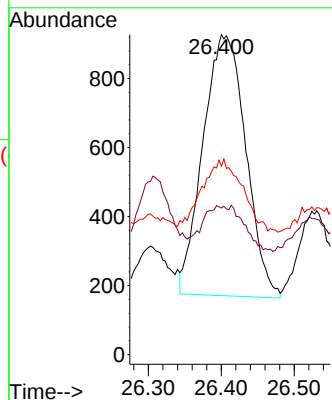
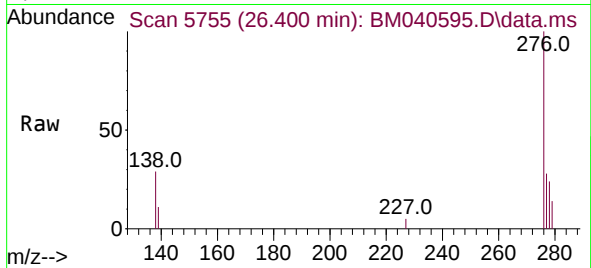




#28
 Dibenzo(a,h)anthracene
 Concen: 0.066 ng/ul
 RT: 26.400 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BM040595.D
 Acq: 04 Jul 2023 03:32

Instrument :
 BNA_N
 ClientSampleId :
 DCGA5DL

Tgt Ion:278 Resp: 3081
 Ion Ratio Lower Upper
 278 100
 139 45.8 17.9 26.9#
 279 58.9 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.214 ng/ul
 RT: 27.168 min Scan# 5984
 Delta R.T. -0.014 min
 Lab File: BM040595.D
 Acq: 04 Jul 2023 03:32

Tgt Ion:276 Resp: 11208
 Ion Ratio Lower Upper
 276 100
 138 32.1 23.0 34.6
 277 28.5 20.3 30.5

