

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040076.D
 Acq On : 31 May 2023 12:34
 Operator : CG/JU
 Sample : SSTD0.277
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2009

Quant Time: May 31 18:07:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 18:06:12 2023
 Response via : Initial Calibration

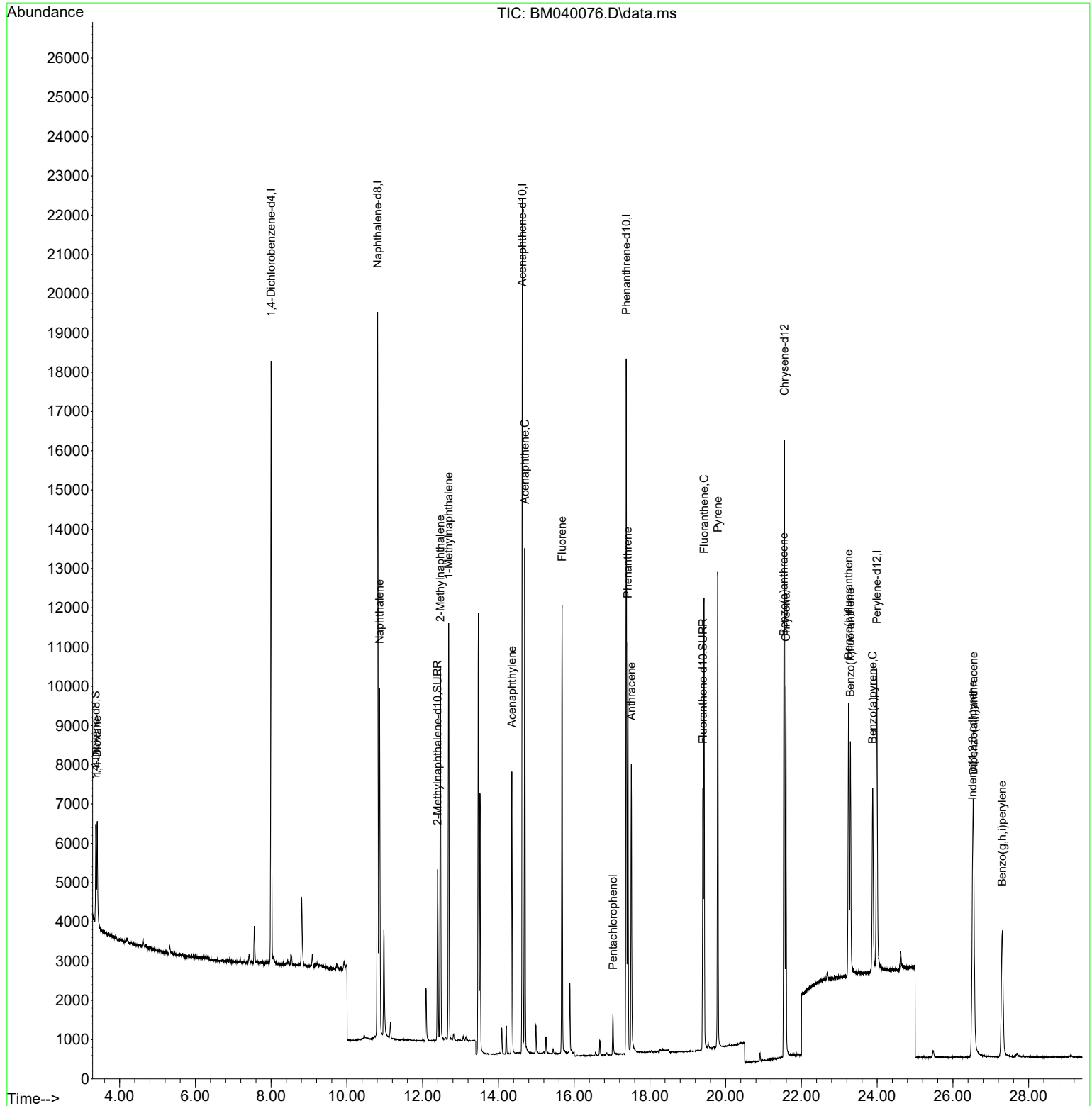
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	7725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	24899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	11293	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	19843	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	11999	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	10899	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	1775	0.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	5667	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	6614	0.189	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.409	88	1838	0.184	ng/ul#	43
5) Naphthalene	10.861	128	12812	0.193	ng/ul	98
7) 2-Methylnaphthalene	12.466	142	6789	0.184	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	7142	0.186	ng/ul	100
10) Acenaphthylene	14.355	152	8079	0.183	ng/ul	99
11) Acenaphthene	14.697	153	7028	0.185	ng/ul	99
12) Fluorene	15.683	166	7158	0.182	ng/ul	100
14) Pentachlorophenol	17.024	266	734	0.165	ng/ul	99
15) Phenanthrene	17.417	178	10657	0.187	ng/ul	99
16) Anthracene	17.510	178	8398	0.180	ng/ul	98
19) Fluoranthene	19.431	202	9612	0.186	ng/ul	98
20) Pyrene	19.793	202	9770	0.187	ng/ul	96
21) Benzo(a)anthracene	21.535	228	7295	0.185	ng/ul	99
22) Chrysene	21.591	228	7990	0.187	ng/ul	100
24) Benzo(b)fluoranthene	23.245	252	8458	0.184	ng/ul	89
25) Benzo(k)fluoranthene	23.292	252	8121	0.186	ng/ul#	92
26) Benzo(a)pyrene	23.882	252	7195	0.192	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.521	276	9087	0.188	ng/ul#	40
28) Dibenzo(a,h)anthracene	26.544	278	7124	0.186	ng/ul	95
29) Benzo(g,h,i)perylene	27.302	276	7223	0.184	ng/ul	96

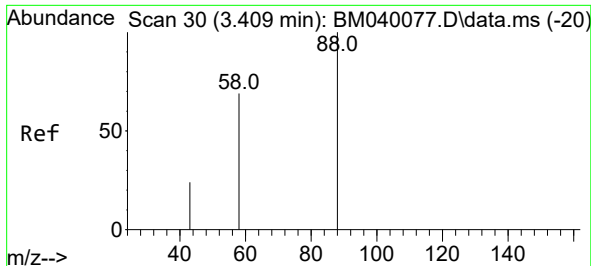
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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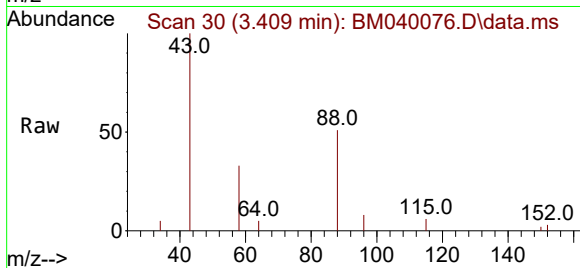
Quant Time: May 31 18:07:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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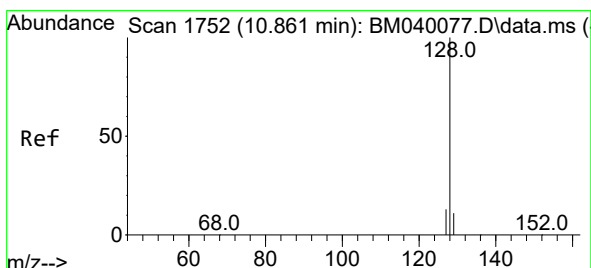
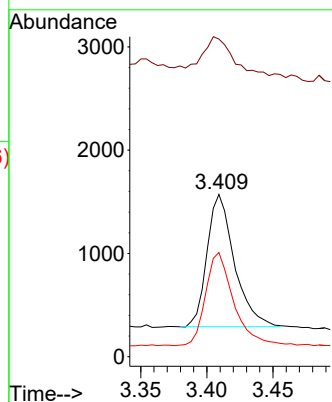
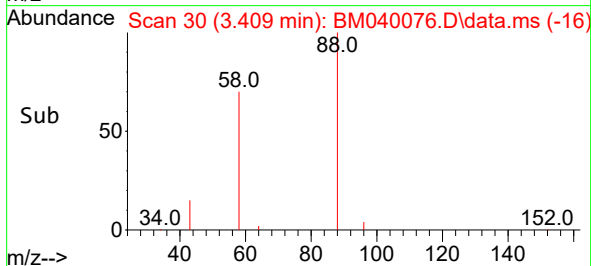


#2
1,4-Dioxane
Concen: 0.184 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

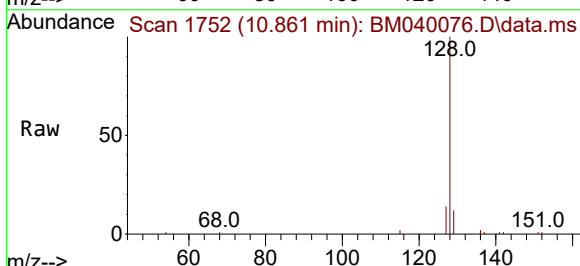
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BNA_M
ClientSampleId :
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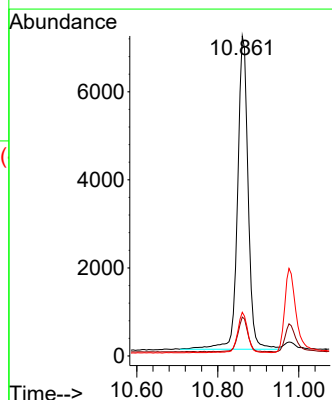
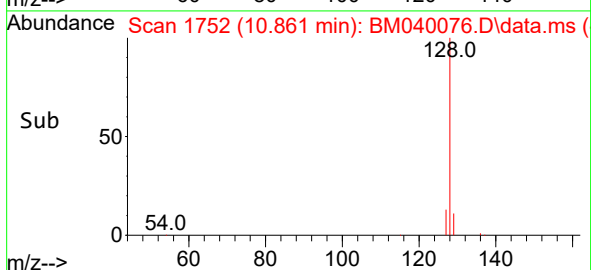
Tgt Ion: 88 Resp: 1838
Ion Ratio Lower Upper
88 100
43 195.7 81.3 121.9#
58 64.2 52.0 78.0

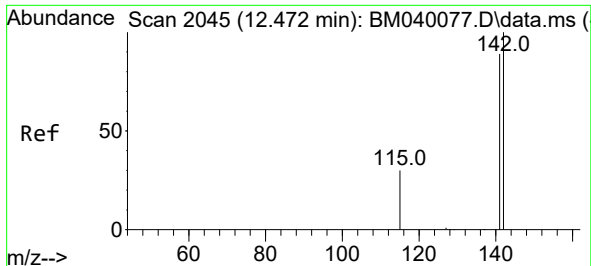


#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34



Tgt Ion: 128 Resp: 12812
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.7 10.5 15.7

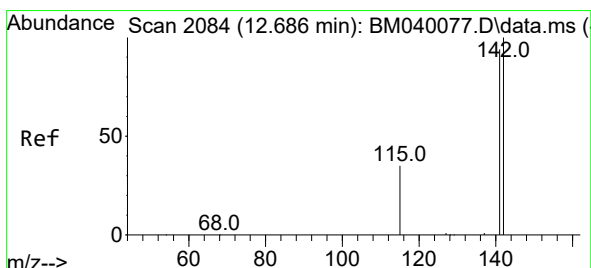
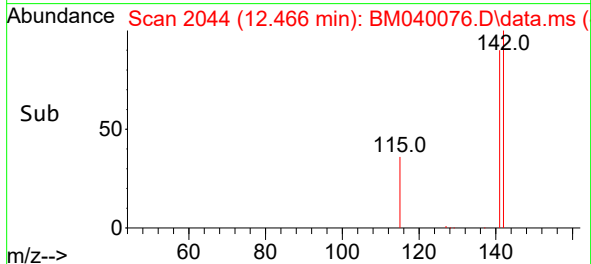
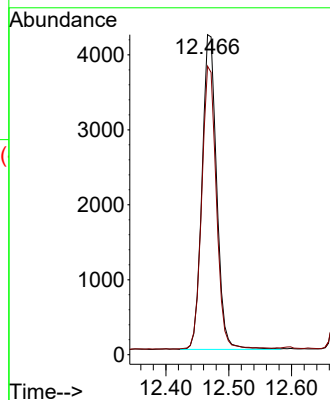
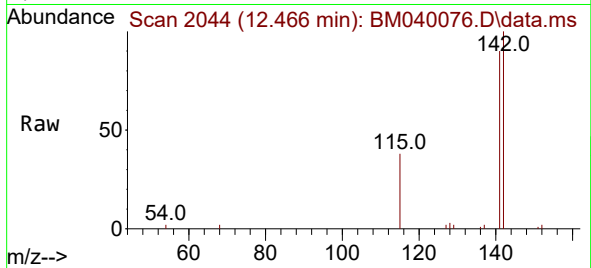




#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

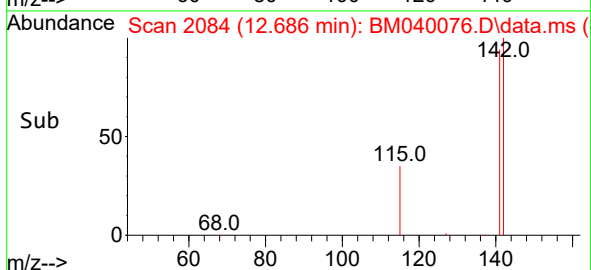
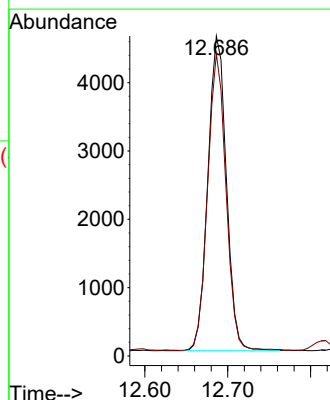
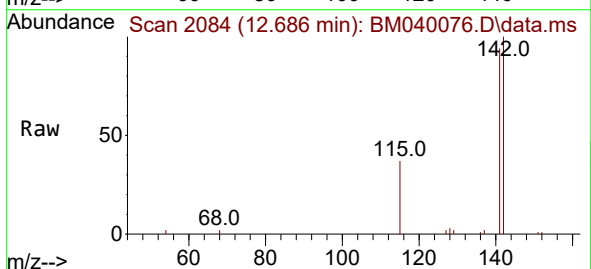
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

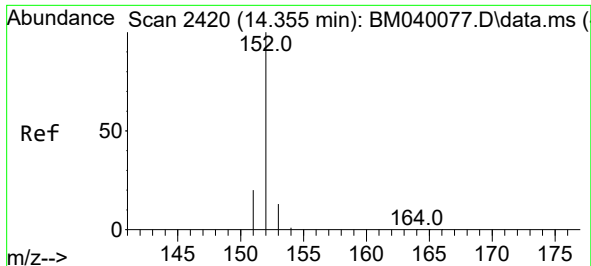
Tgt Ion:142 Resp: 6789
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:142 Resp: 7142
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1

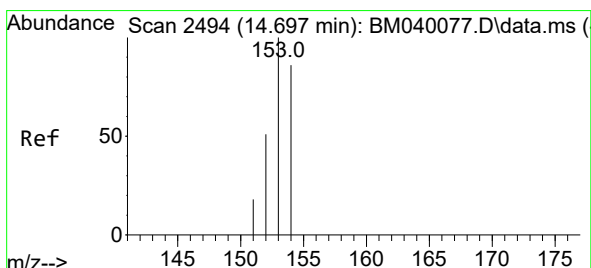
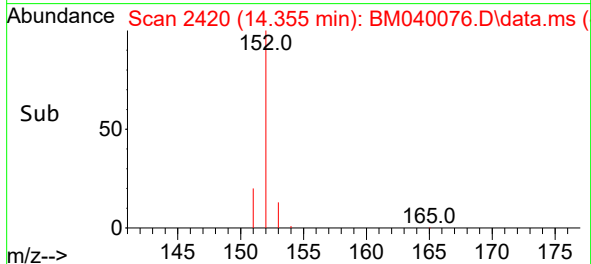
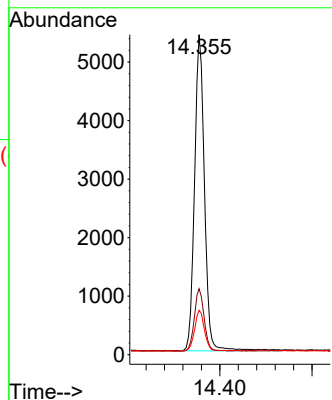
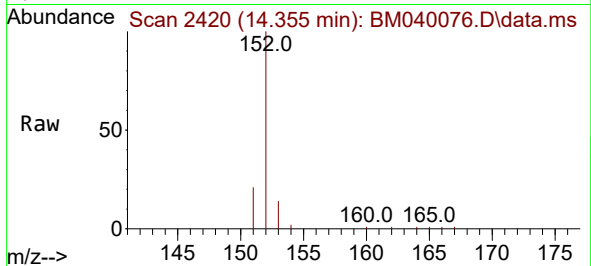




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

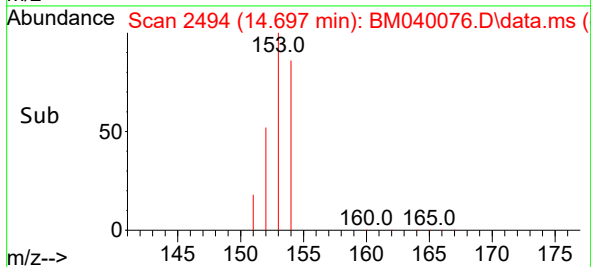
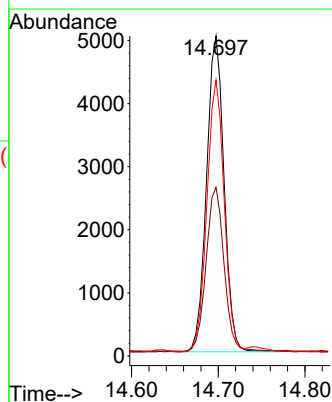
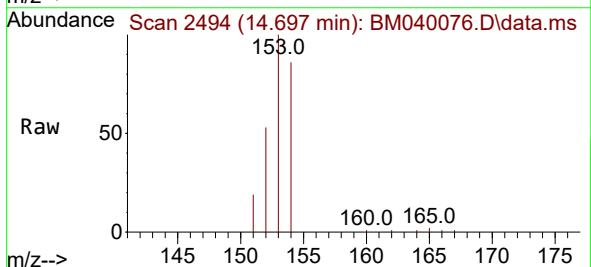
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ClientSampleId :
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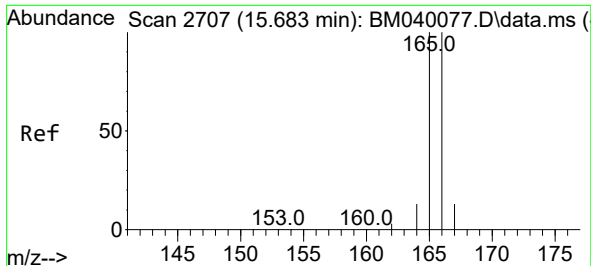
Tgt Ion:152 Resp: 8079
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.697 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:153 Resp: 7028
Ion Ratio Lower Upper
153 100
152 52.7 41.2 61.8
154 86.2 68.8 103.2

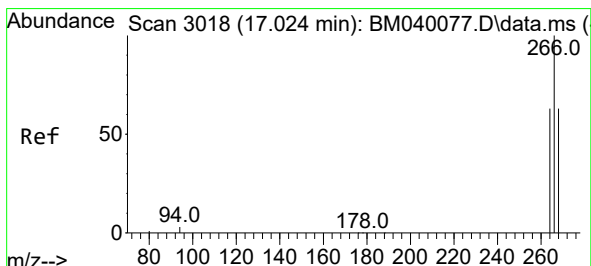
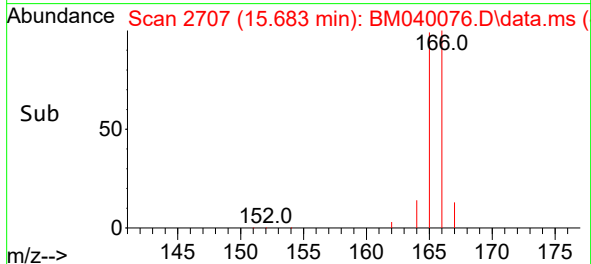
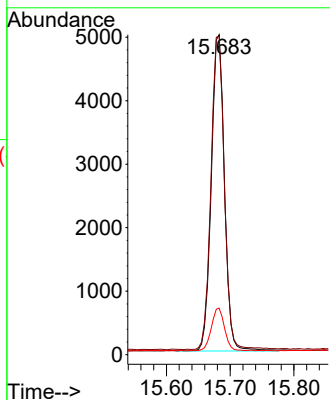
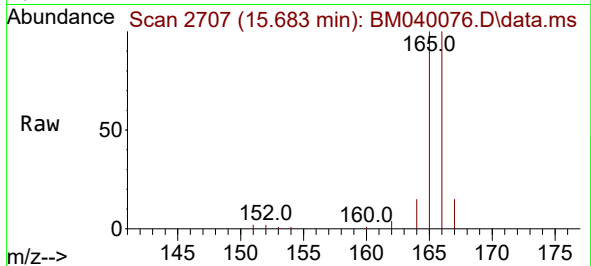




#12
Fluorene
Concen: 0.182 ng/ul
RT: 15.683 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

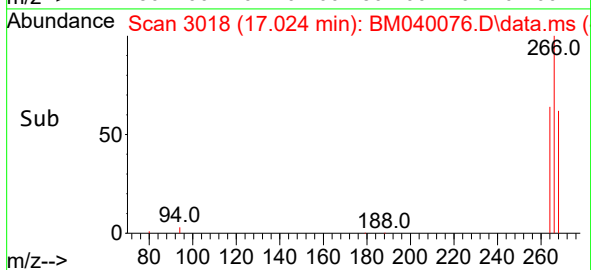
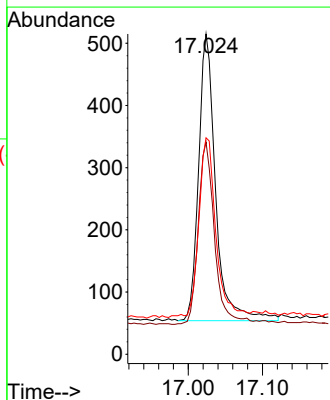
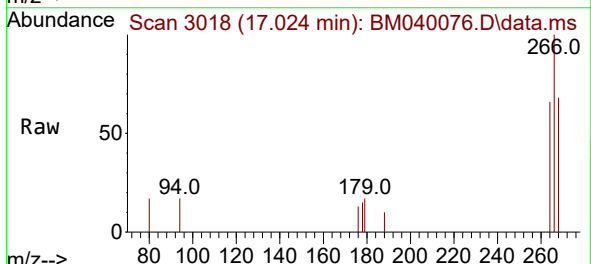
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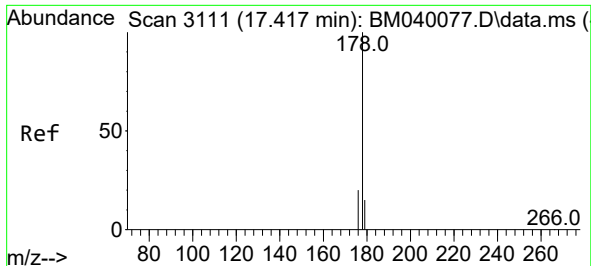
Tgt Ion:166 Resp: 7158
Ion Ratio Lower Upper
166 100
165 99.5 79.8 119.8
167 14.5 11.2 16.8



#14
Pentachlorophenol
Concen: 0.165 ng/ul
RT: 17.024 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:266 Resp: 734
Ion Ratio Lower Upper
266 100
264 62.3 49.9 74.9
268 63.6 51.5 77.3

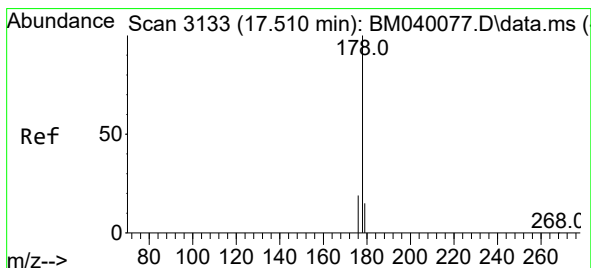
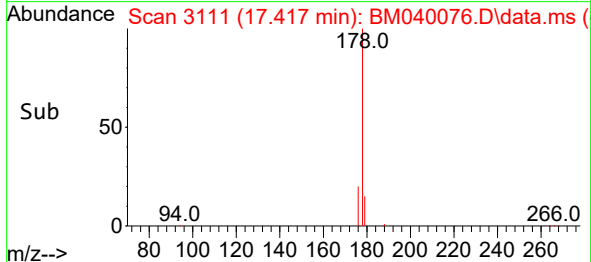
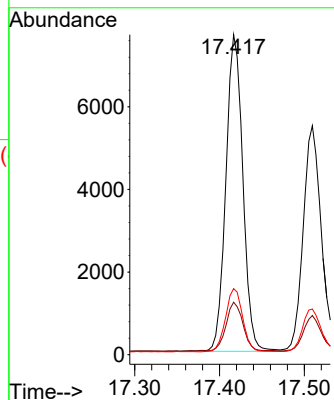
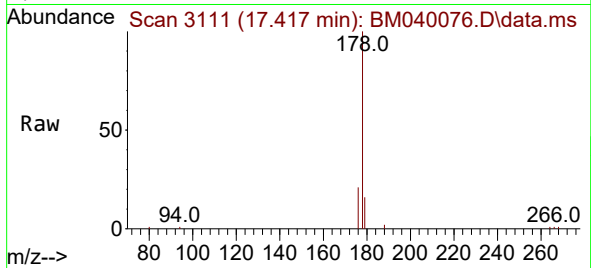




#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

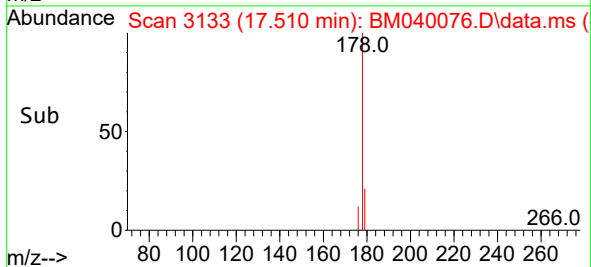
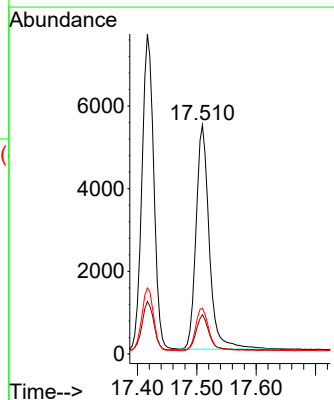
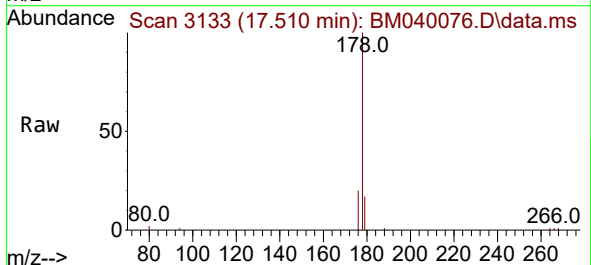
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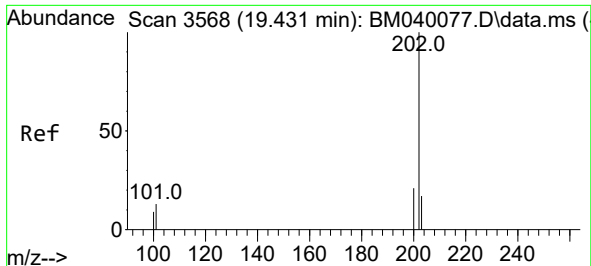
Tgt Ion:178 Resp: 10657
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.510 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:178 Resp: 8398
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.0 15.8 23.6

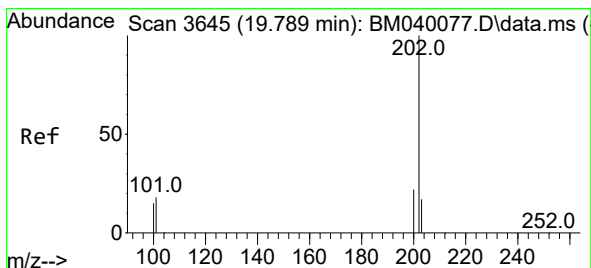
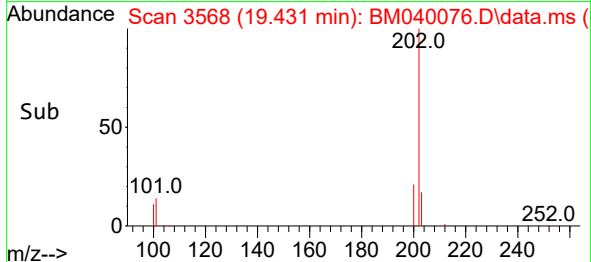
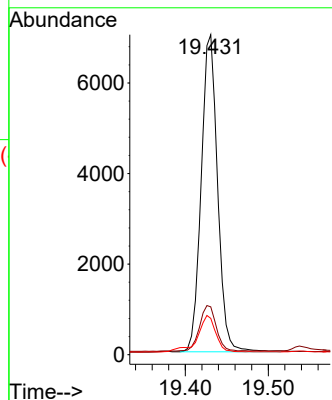
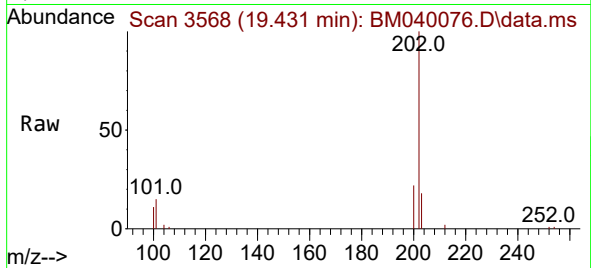




#19
Fluoranthene
Concen: 0.186 ng/ul
RT: 19.431 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

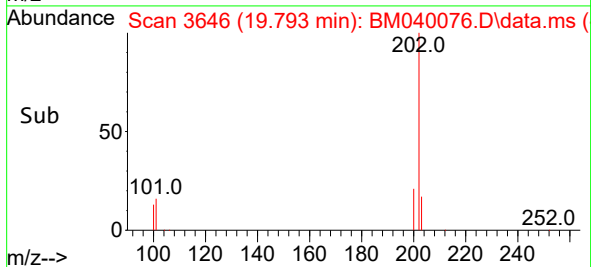
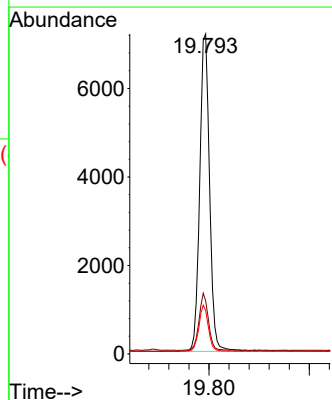
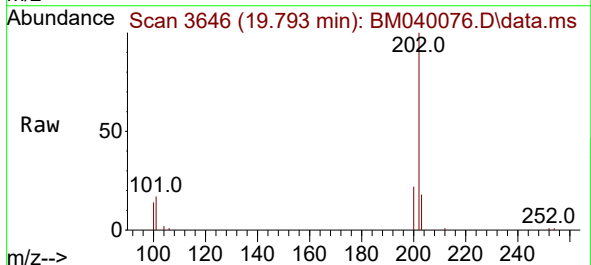
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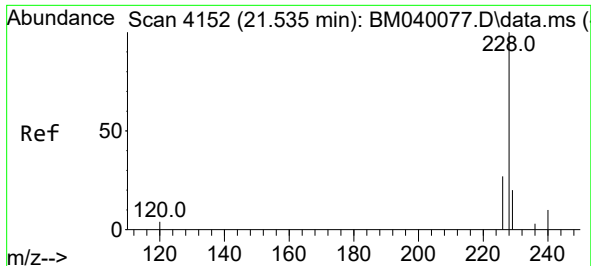
Tgt Ion:202 Resp: 9612
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 11.3 8.6 12.8



#20
Pyrene
Concen: 0.187 ng/ul
RT: 19.793 min Scan# 3646
Delta R.T. 0.005 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:202 Resp: 9770
Ion Ratio Lower Upper
202 100
101 16.7 14.7 22.1
100 13.6 12.2 18.2

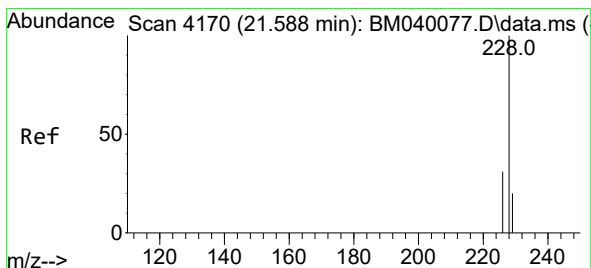
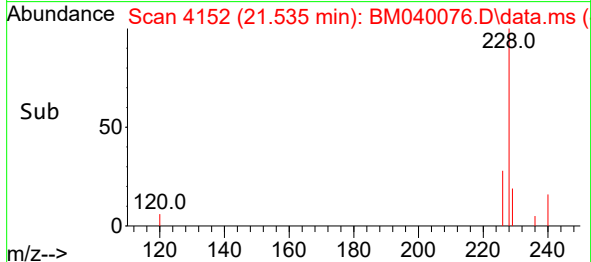
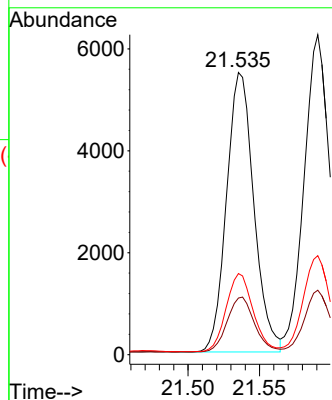
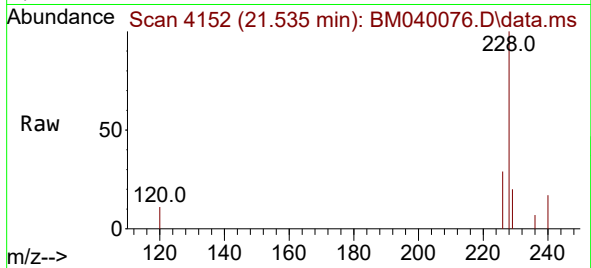




#21
Benzo(a)anthracene
Concen: 0.185 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

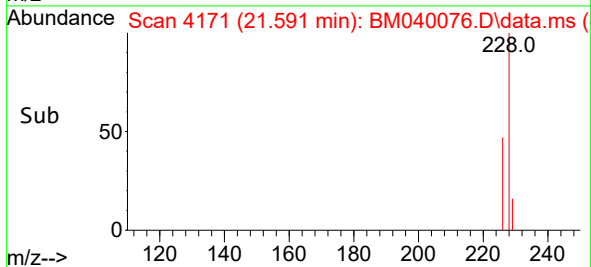
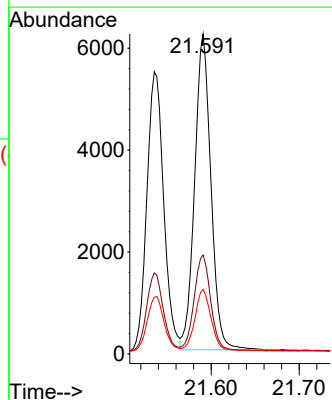
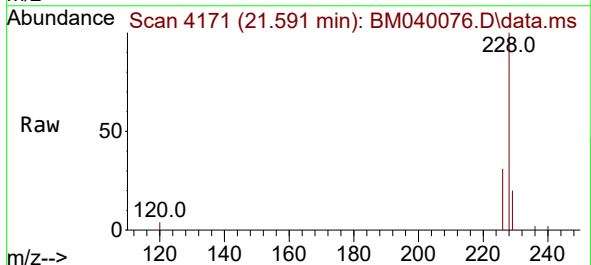
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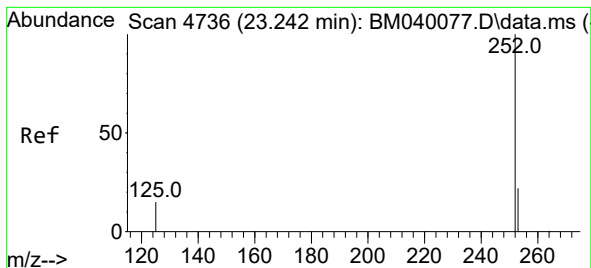
Tgt Ion:228 Resp: 7295
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 28.7 22.1 33.1



#22
Chrysene
Concen: 0.187 ng/ul
RT: 21.591 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:228 Resp: 7990
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 20.1 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.184 ng/ul

RT: 23.245 min Scan# 4737

Delta R.T. 0.003 min

Lab File: BM040076.D

Acq: 31 May 2023 12:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

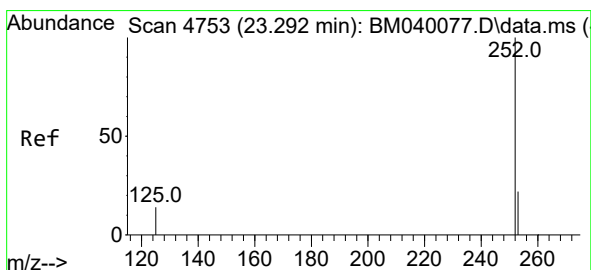
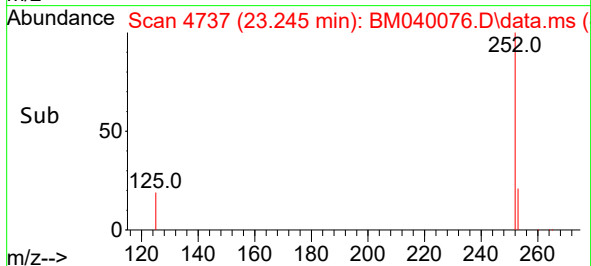
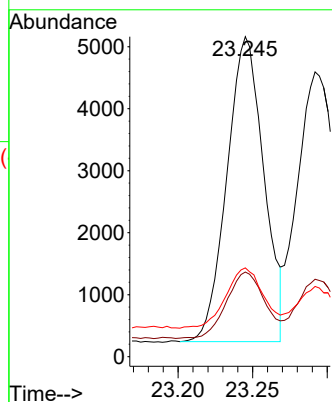
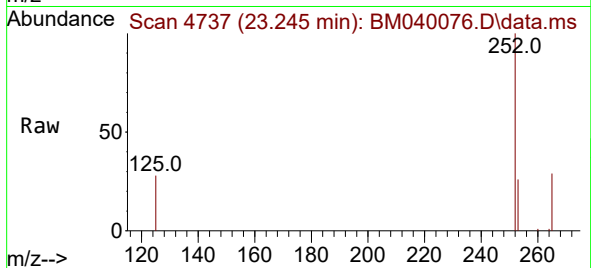
Tgt Ion:252 Resp: 8458

Ion Ratio Lower Upper

252 100

253 26.4 0.0 48.6

125 27.8 0.0 38.8



#25

Benzo(k)fluoranthene

Concen: 0.186 ng/ul

RT: 23.292 min Scan# 4753

Delta R.T. -0.000 min

Lab File: BM040076.D

Acq: 31 May 2023 12:34

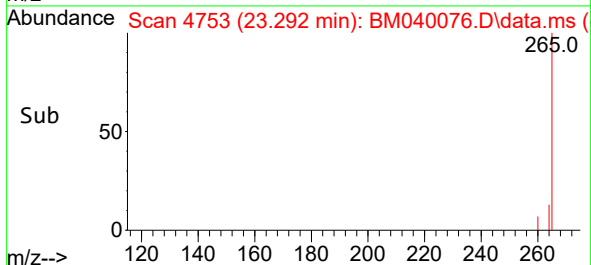
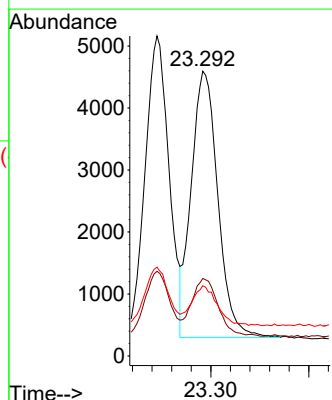
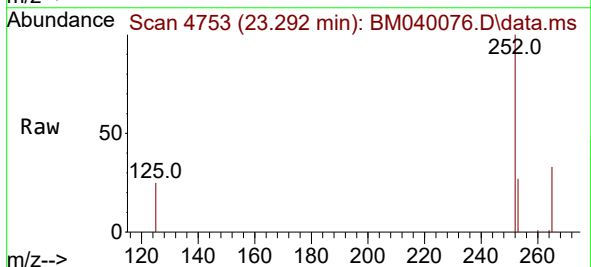
Tgt Ion:252 Resp: 8121

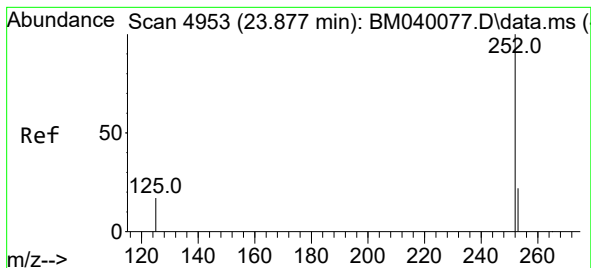
Ion Ratio Lower Upper

252 100

253 27.2 19.5 29.3

125 24.7 15.9 23.9#





#26

Benzo(a)pyrene

Concen: 0.192 ng/ul

RT: 23.882 min Scan# 4955

Delta R.T. 0.006 min

Lab File: BM040076.D

Acq: 31 May 2023 12:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

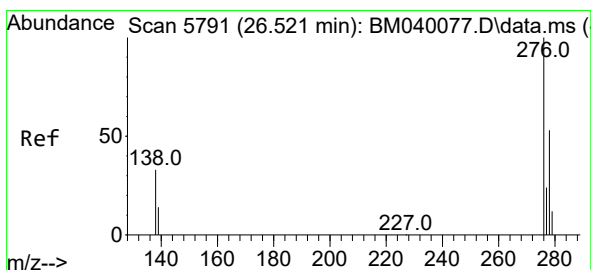
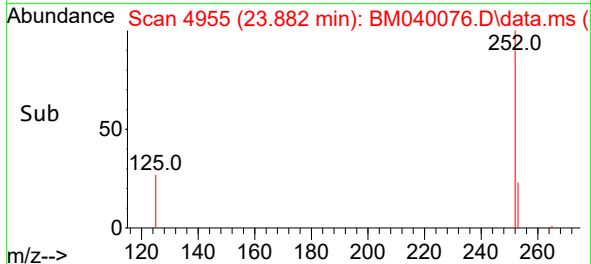
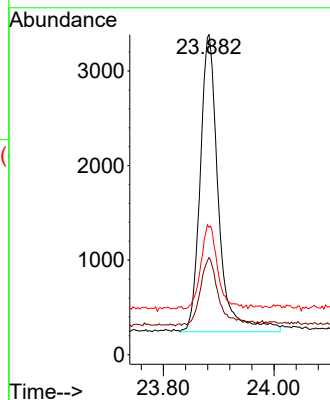
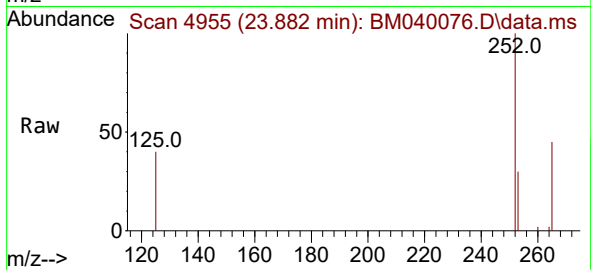
Tgt Ion:252 Resp: 7195

Ion Ratio Lower Upper

252 100

253 30.3 21.0 31.4

125 39.8 19.8 29.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.188 ng/ul

RT: 26.521 min Scan# 5791

Delta R.T. -0.000 min

Lab File: BM040076.D

Acq: 31 May 2023 12:34

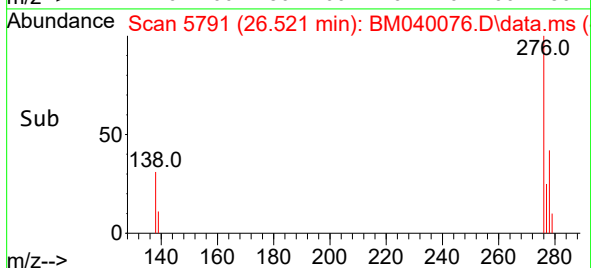
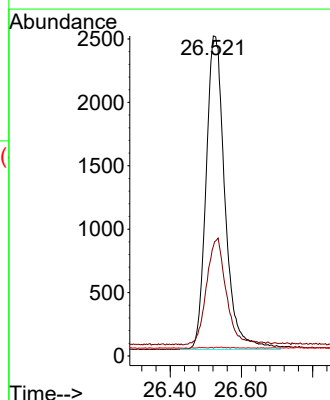
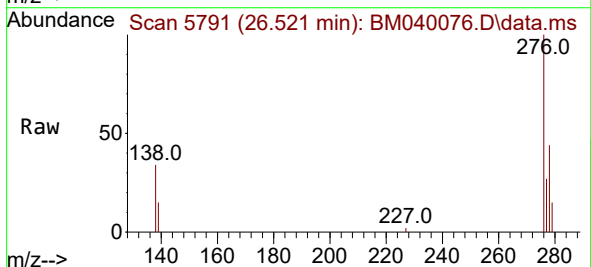
Tgt Ion:276 Resp: 9087

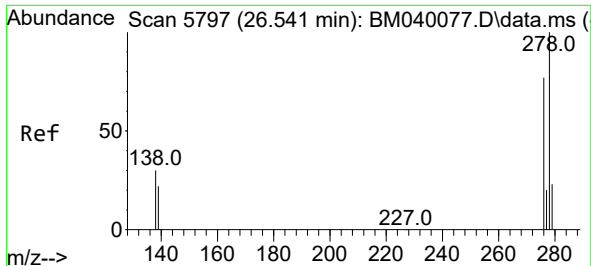
Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 0.1 0.1 0.1#

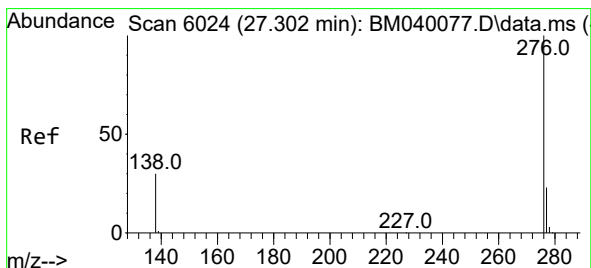
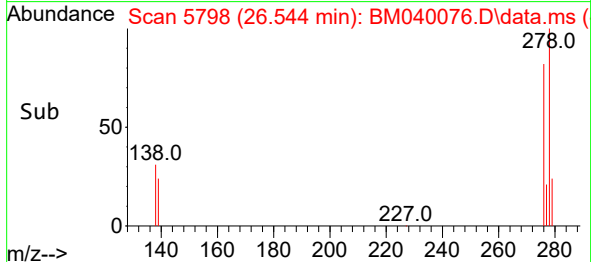
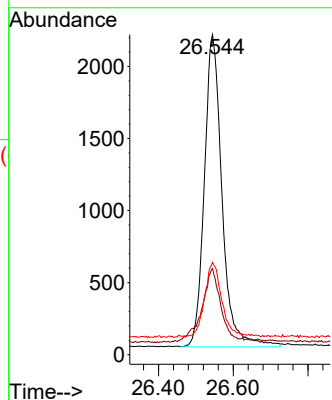
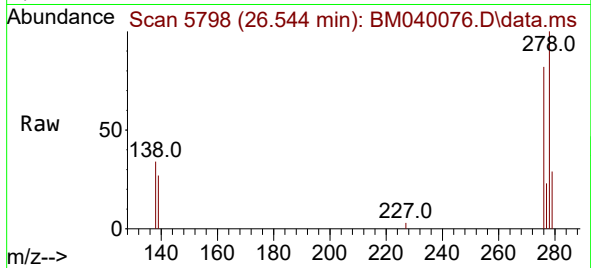




#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 26.544 min Scan# 5797
Delta R.T. 0.003 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 7124
Ion Ratio Lower Upper
278 100
139 26.9 19.6 29.4
279 28.9 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 27.302 min Scan# 6024
Delta R.T. -0.000 min
Lab File: BM040076.D
Acq: 31 May 2023 12:34

Tgt Ion:276 Resp: 7223
Ion Ratio Lower Upper
276 100
138 34.1 25.2 37.8
277 26.0 19.8 29.8

