

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040381.D
 Acq On : 23 Jun 2023 18:34
 Operator : MA/JU
 Sample : 03084-11DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM8DL

Quant Time: Jun 24 01:38:06 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

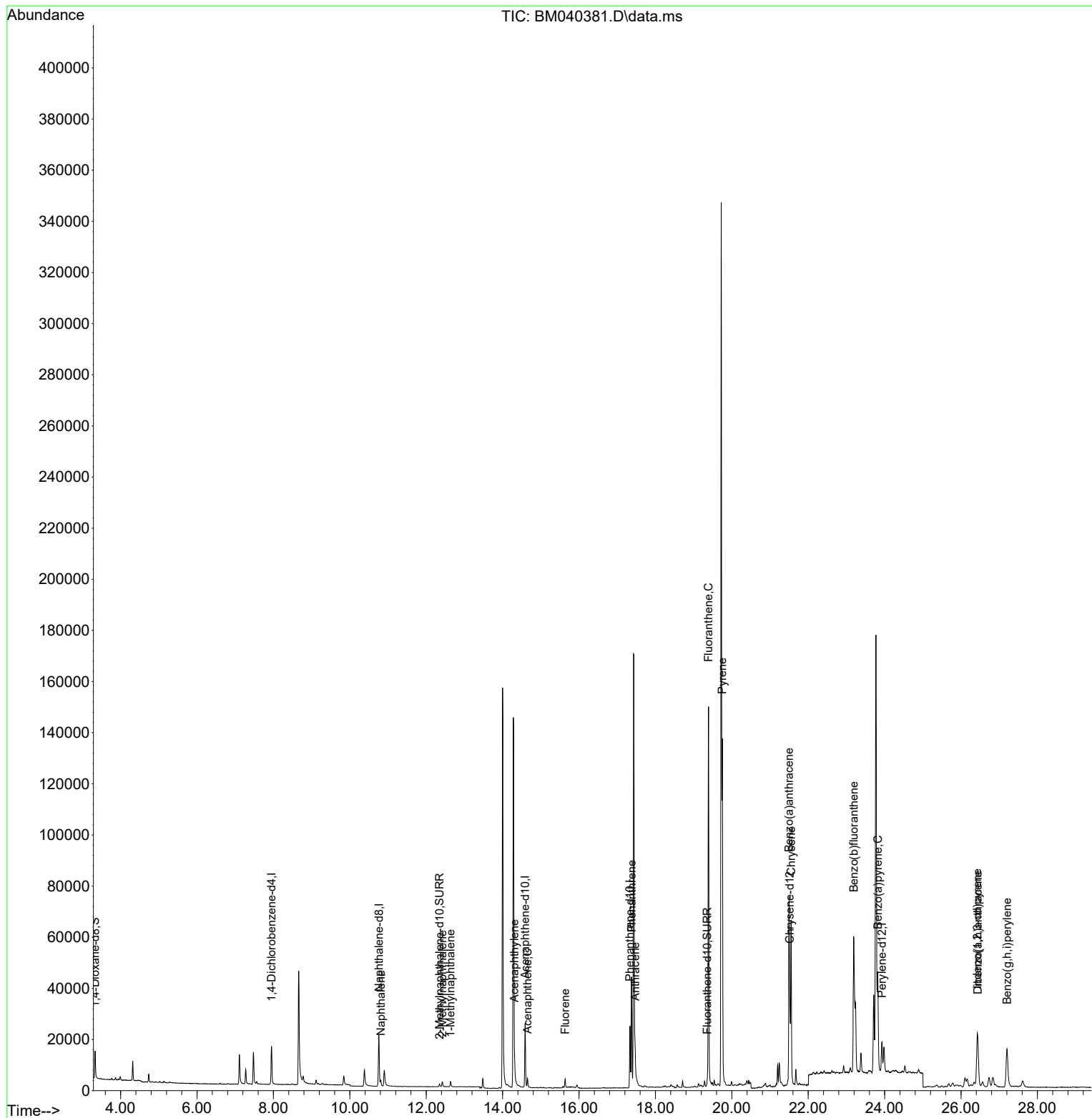
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	8209	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	29557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	14616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	28695	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	20323	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	16342	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6828	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1623	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	3317	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	3012	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.422	142	1619	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	1512	0.032	ng/ul	100
10) Acenaphthylene	14.309	152	6594	0.101	ng/ul	95
11) Acenaphthene	14.651	153	2096	0.038	ng/ul	97
12) Fluorene	15.636	166	2239	0.038	ng/ul#	96
15) Phenanthrene	17.374	178	47151	0.529	ng/ul	99
16) Anthracene	17.467	178	10643	0.142	ng/ul	96
19) Fluoranthene	19.389	202	127181	1.473	ng/ul	96
20) Pyrene	19.751	202	107381	1.160	ng/ul	98
21) Benzo(a)anthracene	21.497	228	62135	0.904	ng/ul	98
22) Chrysene	21.550	228	68110	0.869	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	91877	1.453	ng/ul	93
26) Benzo(a)pyrene	23.821	252	51924	0.911	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.427	276	36718	0.463	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.440	278	9335	0.150	ng/ul#	88
29) Benzo(g,h,i)perylene	27.202	276	33716	0.485	ng/ul	98

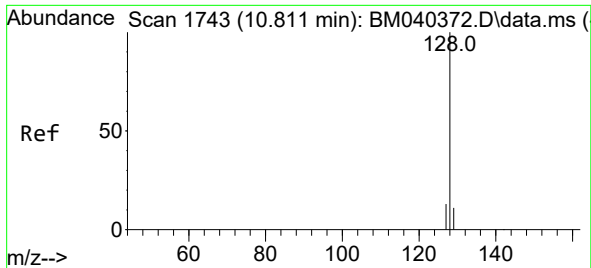
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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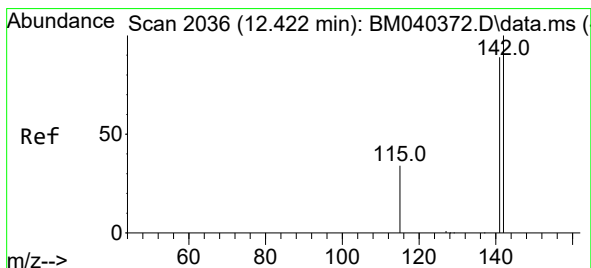
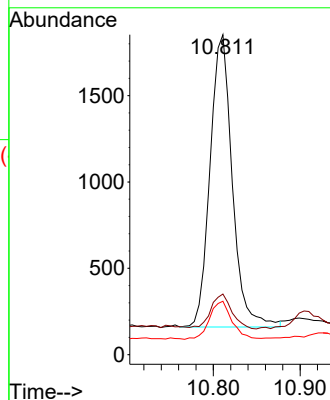
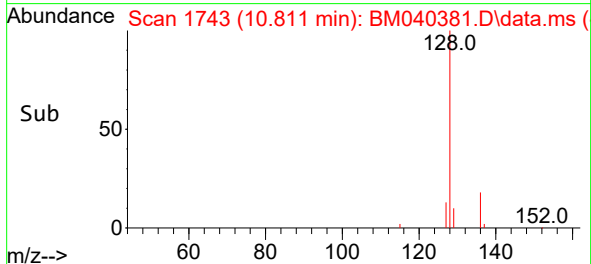
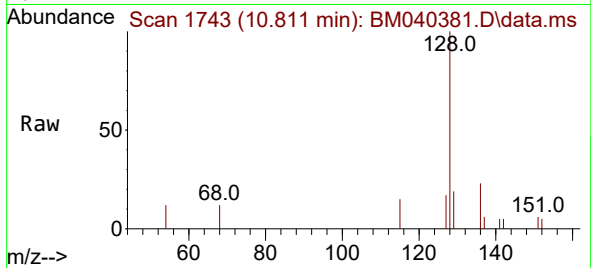




#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

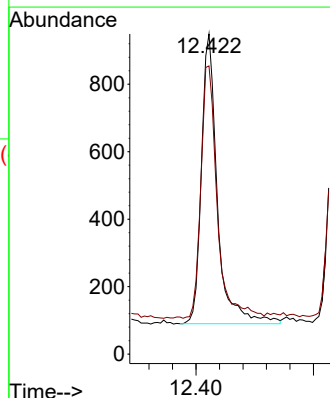
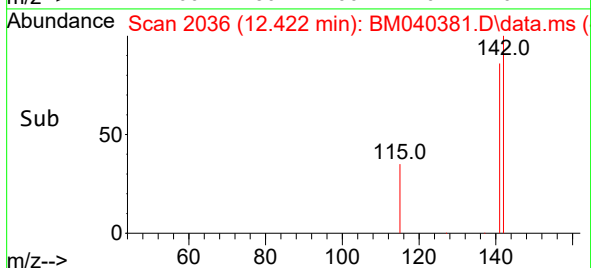
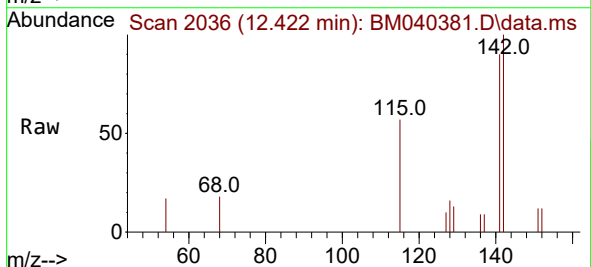
Instrument :
BNA_M
ClientSampleId :
DCFM8DL

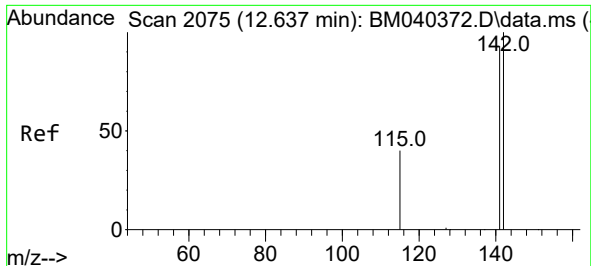
Tgt Ion:128 Resp: 3012
Ion Ratio Lower Upper
128 100
129 18.9 9.2 13.8#
127 16.7 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:142 Resp: 1619
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9

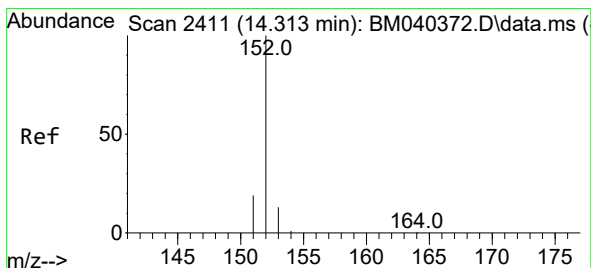
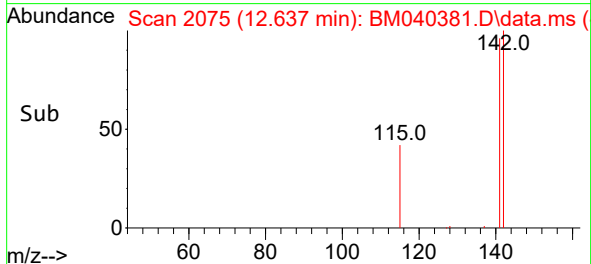
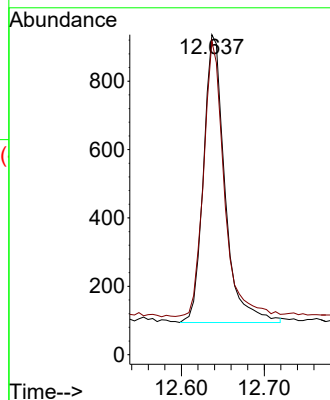
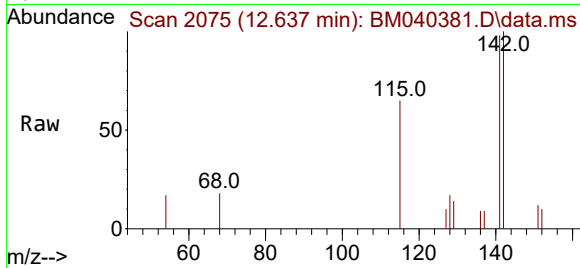




#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

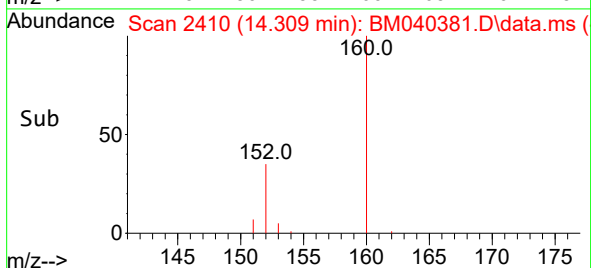
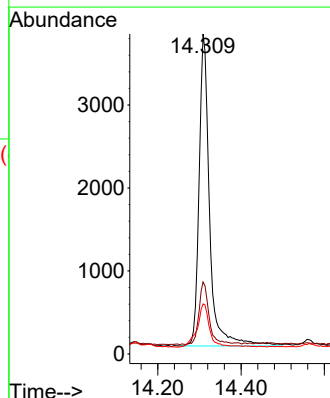
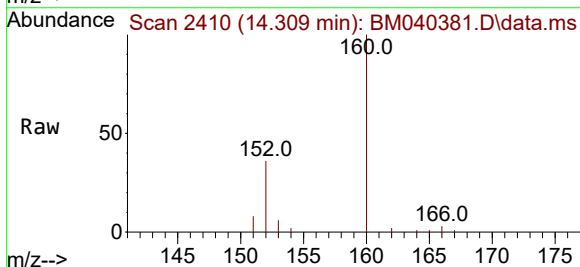
Instrument :
BNA_M
ClientSampleId :
DCFM8DL

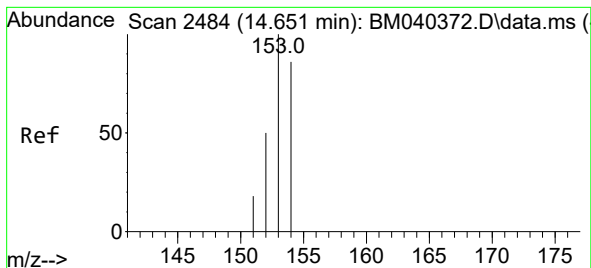
Tgt Ion:142 Resp: 1512
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:152 Resp: 6594
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2
153 15.6 10.9 16.3





#11

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.651 min Scan# 2484

Delta R.T. -0.005 min

Lab File: BM040381.D

Acq: 23 Jun 2023 18:34

Instrument :

BNA_M

ClientSampleId :

DCFM8DL

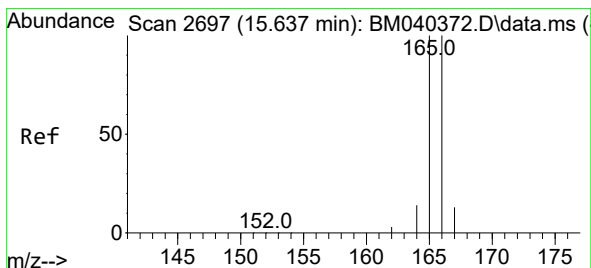
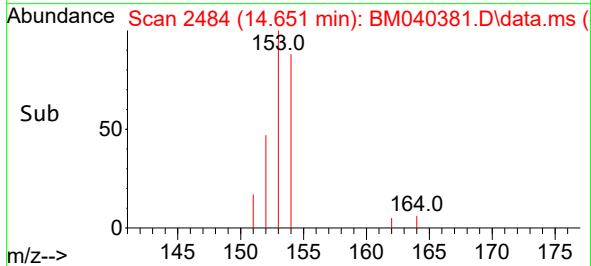
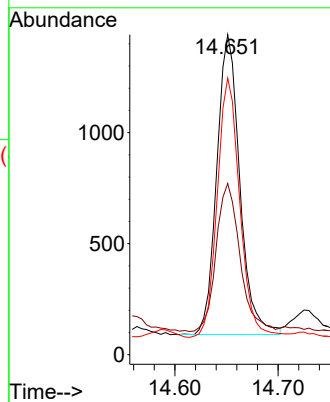
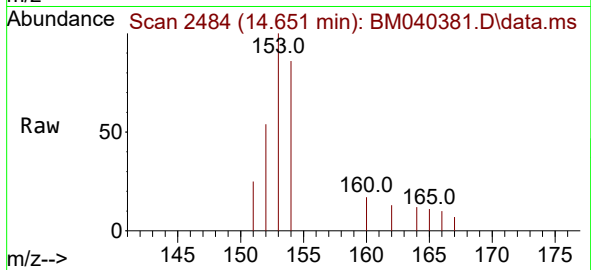
Tgt Ion:153 Resp: 2096

Ion Ratio Lower Upper

153 100

152 53.5 41.0 61.4

154 86.5 70.8 106.2



#12

Fluorene

Concen: 0.038 ng/ul

RT: 15.636 min Scan# 2697

Delta R.T. -0.005 min

Lab File: BM040381.D

Acq: 23 Jun 2023 18:34

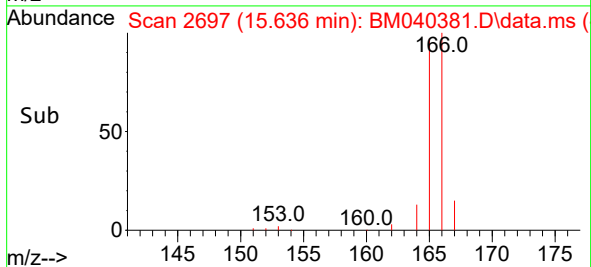
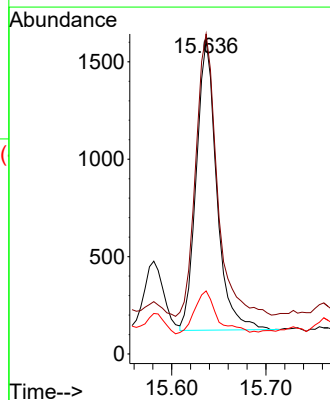
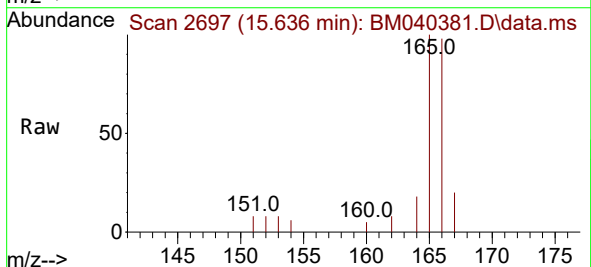
Tgt Ion:166 Resp: 2239

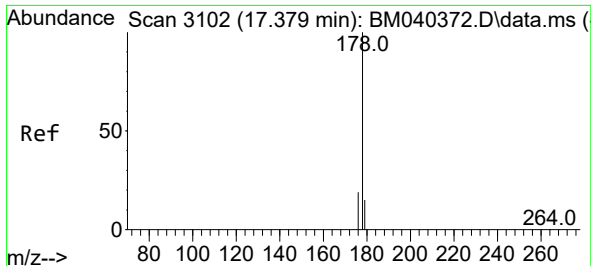
Ion Ratio Lower Upper

166 100

165 102.0 79.6 119.4

167 20.1 11.4 17.0#

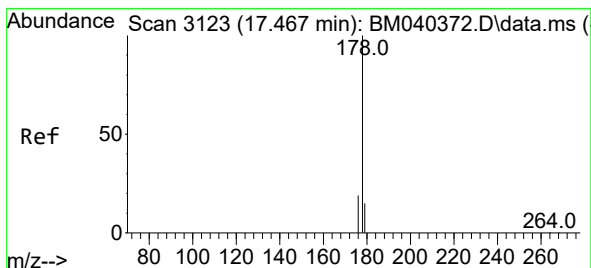
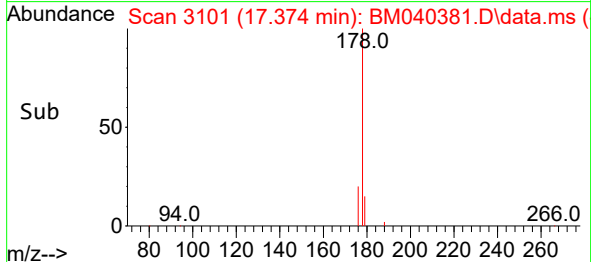
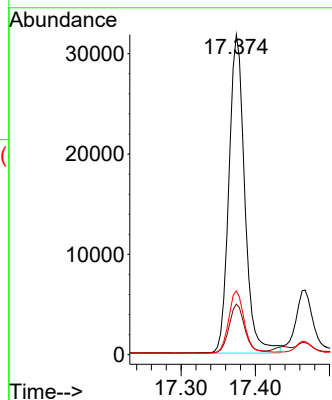
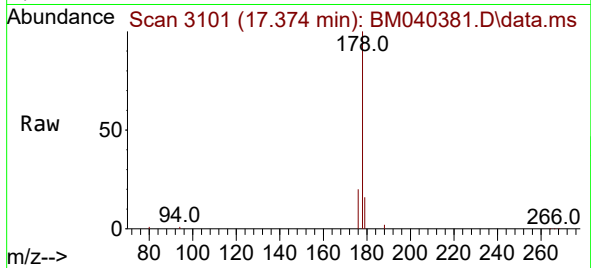




#15
Phenanthrene
Concen: 0.529 ng/ul
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

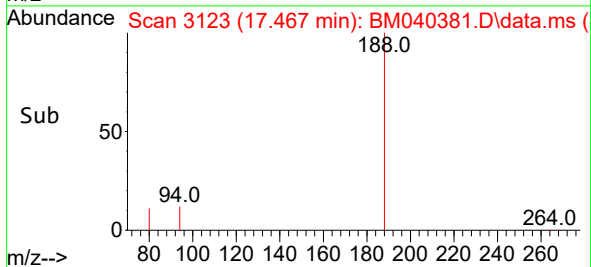
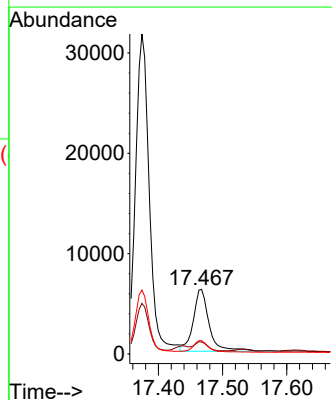
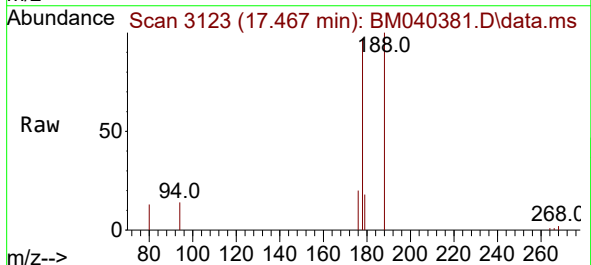
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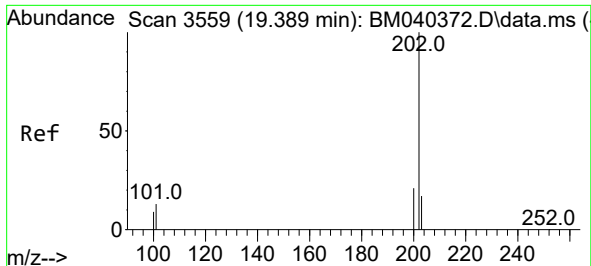
Tgt Ion:178 Resp: 47151
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.0 16.4 24.6



#16
Anthracene
Concen: 0.142 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:178 Resp: 10643
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 20.5 15.8 23.6

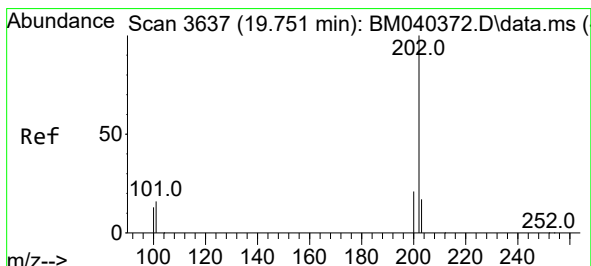
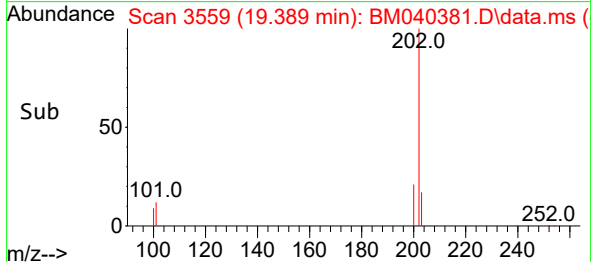
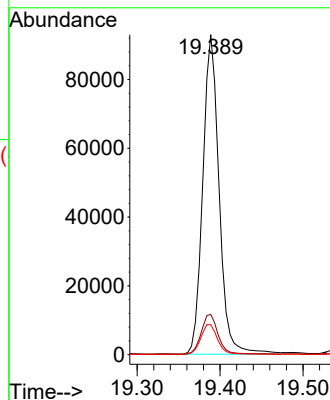
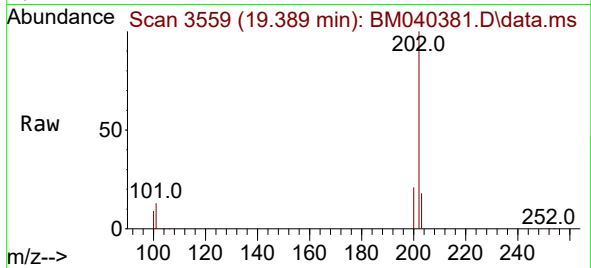




#19
Fluoranthene
Concen: 1.473 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

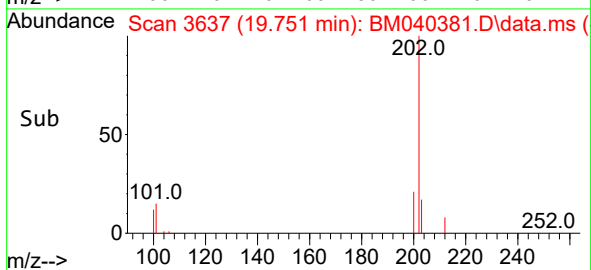
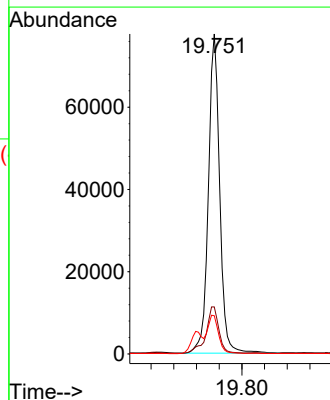
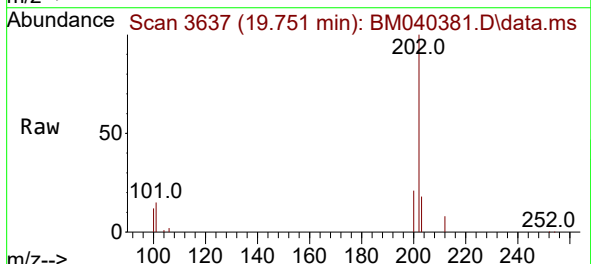
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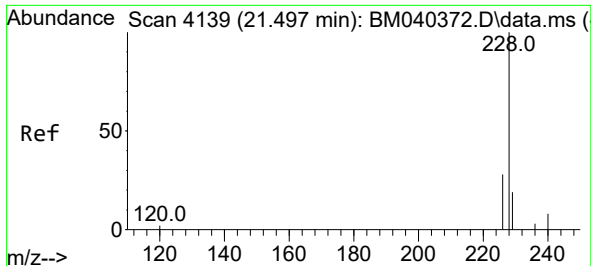
Tgt Ion:202 Resp: 127181
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.4 8.7 13.1



#20
Pyrene
Concen: 1.160 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:202 Resp: 107381
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.0 9.8 14.6

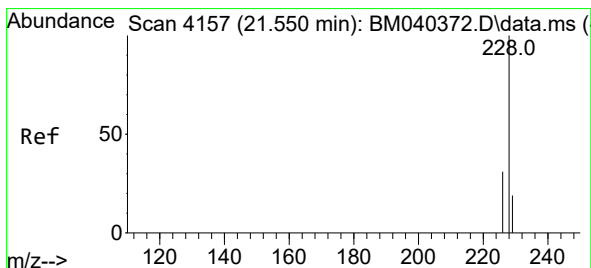
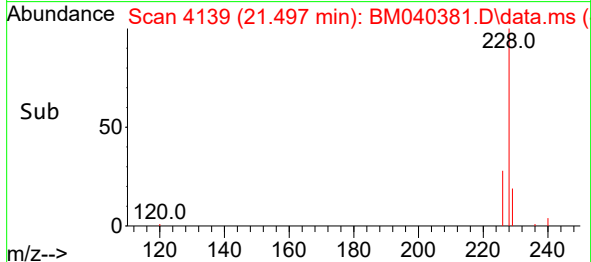
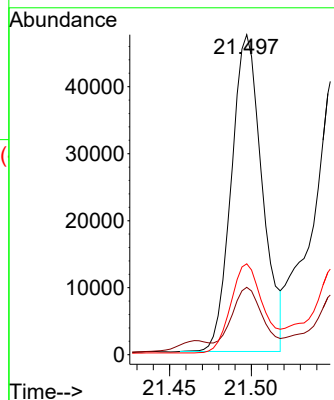
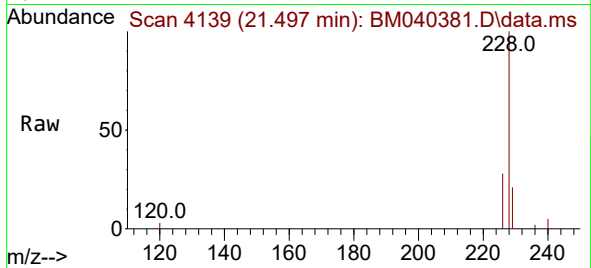




#21
Benzo(a)anthracene
Concen: 0.904 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

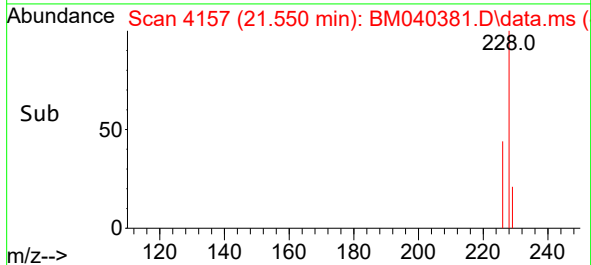
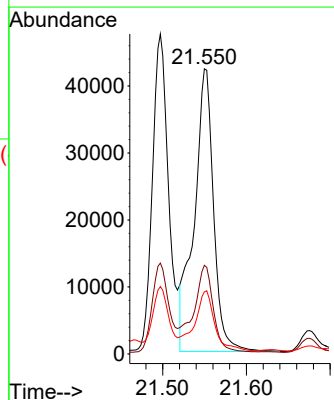
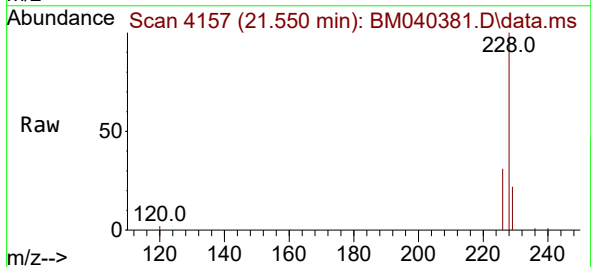
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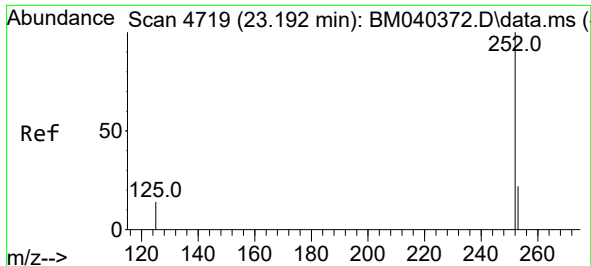
Tgt Ion:228 Resp: 62135
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.869 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:228 Resp: 68110
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 21.8 15.8 23.6

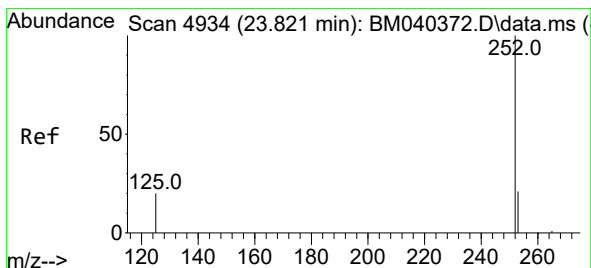
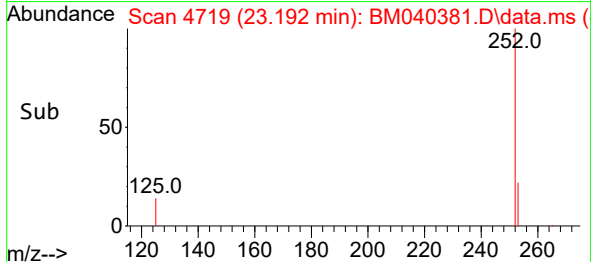
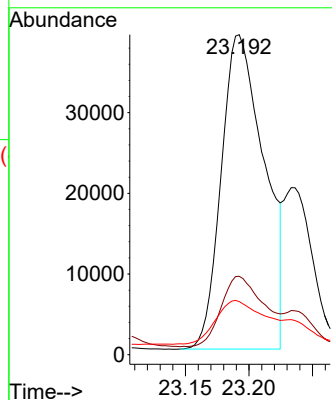
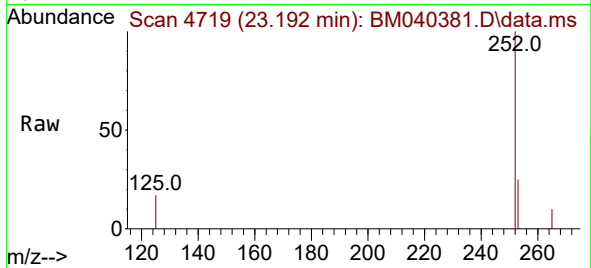




#24
Benzo(b)fluoranthene
Concen: 1.453 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

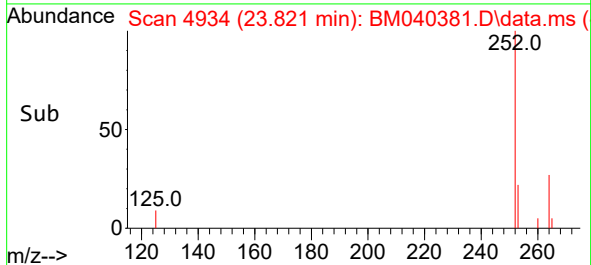
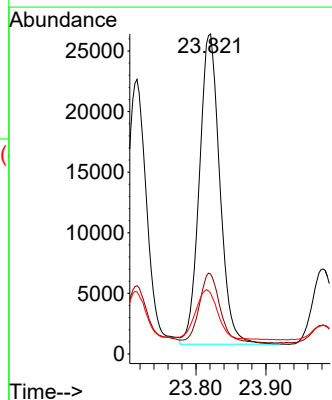
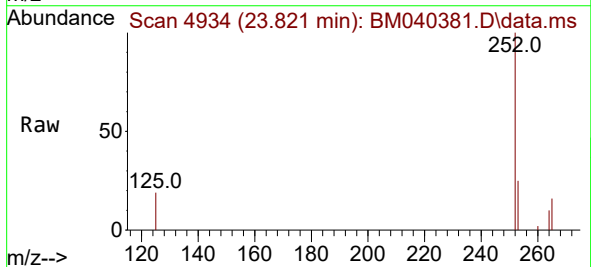
Instrument :
BNA_M
ClientSampleId :
DCFM8DL

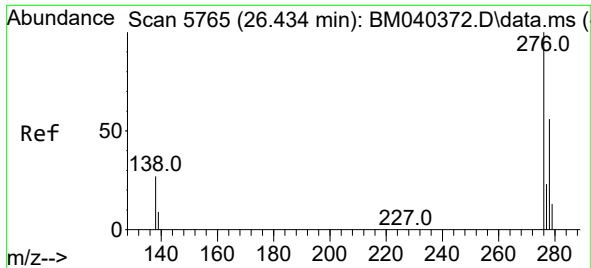
Tgt Ion:252 Resp: 91877
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 16.6 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.911 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Tgt Ion:252 Resp: 51924
Ion Ratio Lower Upper
252 100
253 25.0 22.9 34.3
125 19.0 21.0 31.4#

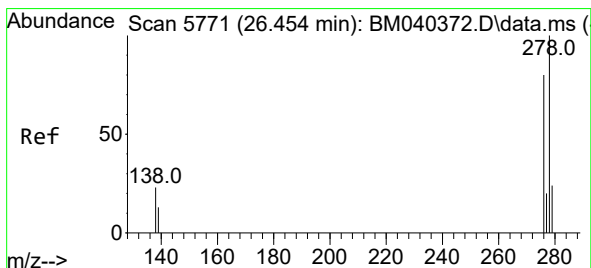
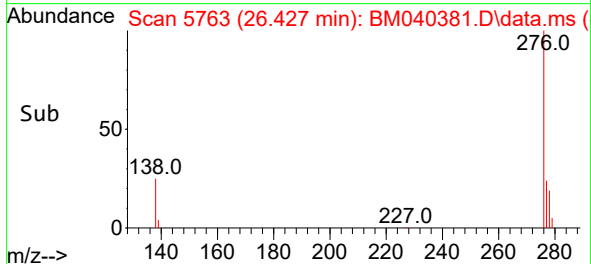
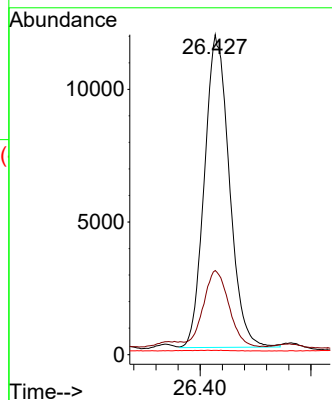
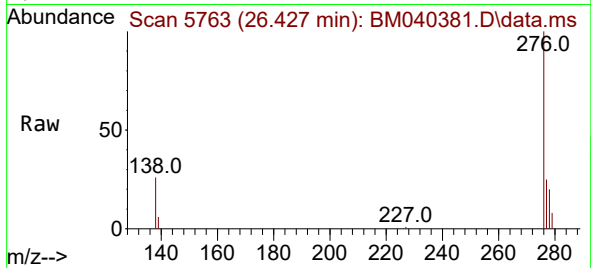




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.463 ng/ul
 RT: 26.427 min Scan# 5763
 Delta R.T. -0.007 min
 Lab File: BM040381.D
 Acq: 23 Jun 2023 18:34

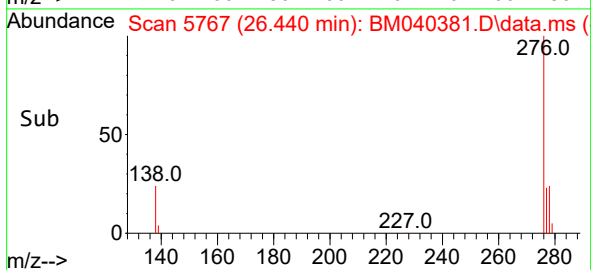
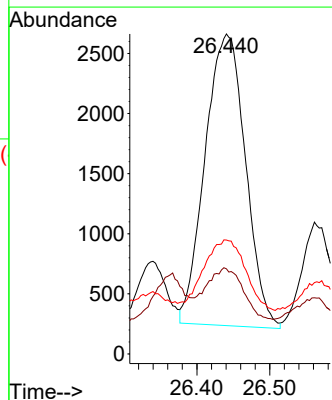
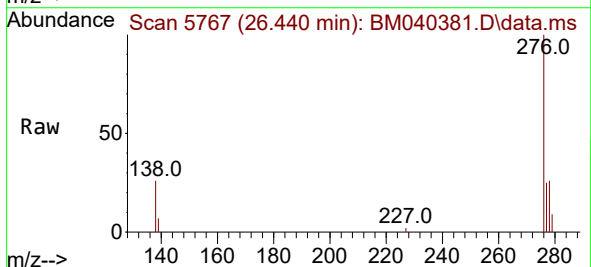
Instrument :
 BNA_M
 ClientSampleId :
 DCFM8DL

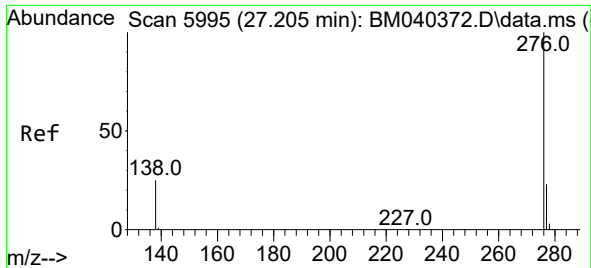
Tgt Ion:276 Resp: 36718
 Ion Ratio Lower Upper
 276 100
 138 25.5 24.5 36.7
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.150 ng/ul
 RT: 26.440 min Scan# 5767
 Delta R.T. -0.014 min
 Lab File: BM040381.D
 Acq: 23 Jun 2023 18:34

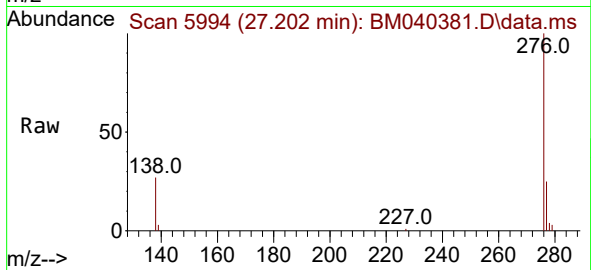
Tgt Ion:278 Resp: 9335
 Ion Ratio Lower Upper
 278 100
 139 26.6 17.9 26.9
 279 35.6 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.485 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040381.D
Acq: 23 Jun 2023 18:34

Instrument :
BNA_M
ClientSampleId :
DCFM8DL



Tgt Ion:276 Resp: 33716
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 25.0 20.3 30.5

