

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040579.D
 Acq On : 03 Jul 2023 17:28
 Operator : MA/JU
 Sample : 03242-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ9DL

Quant Time: Jul 03 18:35:30 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)

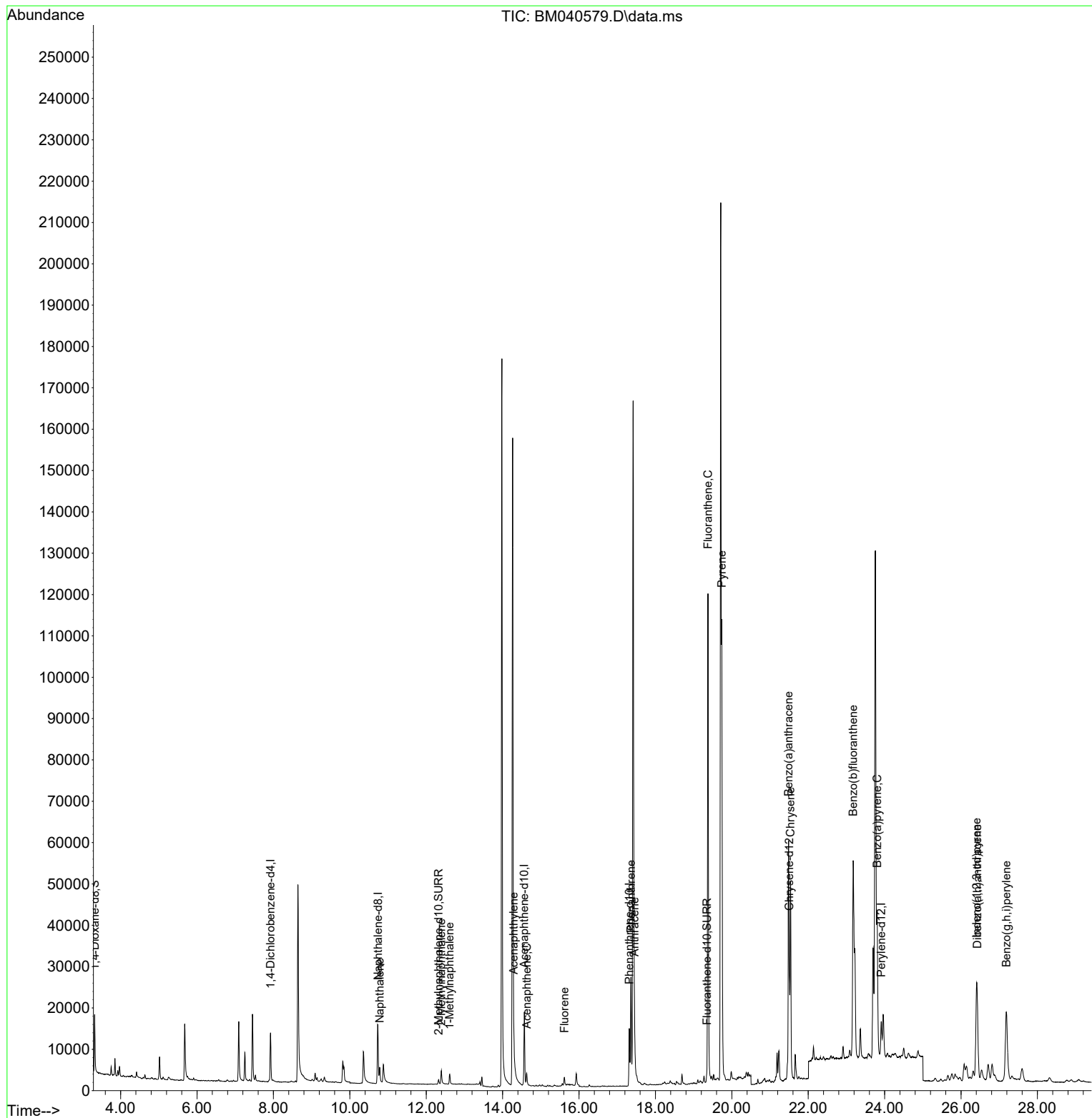
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	6233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	22819	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	10427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	19619	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	11520	0.400	ng/ul	0.00
23) Perylene-d12	23.911	264	12250	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	8126	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1841	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	2502	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.783	128	5448	0.087	ng/ul#	93
7) 2-Methylnaphthalene	12.395	142	3058	0.083	ng/ul	99
8) 1-Methylnaphthalene	12.614	142	1946	0.053	ng/ul	99
10) Acenaphthylene	14.290	152	4155	0.089	ng/ul#	90
11) Acenaphthene	14.628	153	1815	0.046	ng/ul	96
12) Fluorene	15.618	166	1544	0.037	ng/ul#	90
15) Phenanthrene	17.357	178	32764	0.538	ng/ul	100
16) Anthracene	17.450	178	8428	0.165	ng/ul#	95
19) Fluoranthene	19.375	202	113808	2.326	ng/ul	96
20) Pyrene	19.737	202	94675	1.805	ng/ul	98
21) Benzo(a)anthracene	21.485	228	59427	1.525	ng/ul	97
22) Chrysene	21.535	228	48471	1.090	ng/ul	97
24) Benzo(b)fluoranthene	23.178	252	91813	1.937	ng/ul	94
26) Benzo(a)pyrene	23.803	252	53084	1.243	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.410	276	45672	0.768	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.423	278	10955	0.235	ng/ul#	79
29) Benzo(g,h,i)perylene	27.185	276	43337	0.831	ng/ul	99

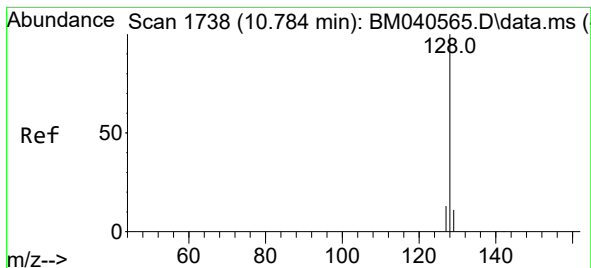
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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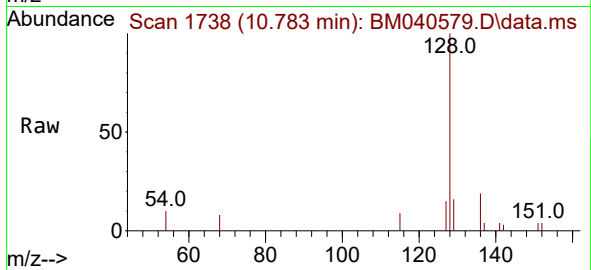
Quant Time: Jul 03 18:35:30 2023
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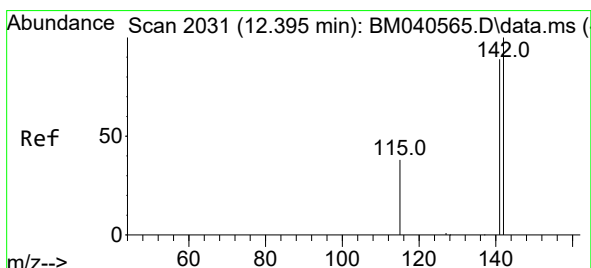
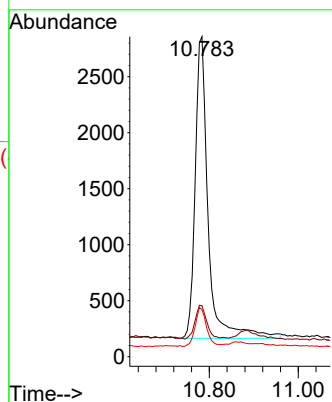
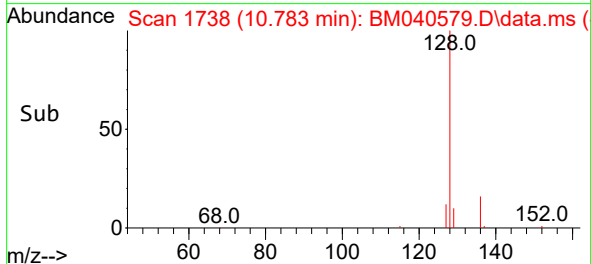


#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_M
ClientSampleId :
DCFZ9DL

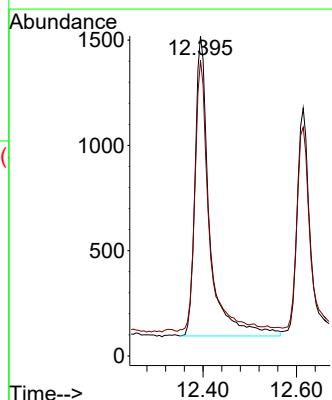
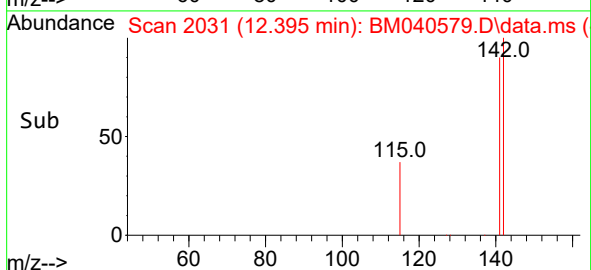
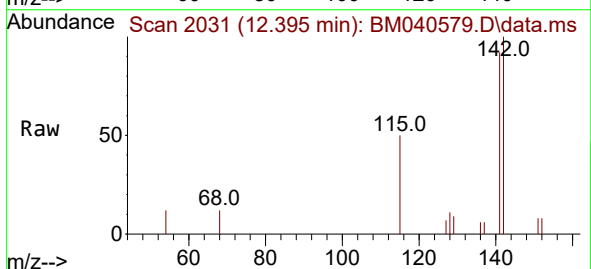


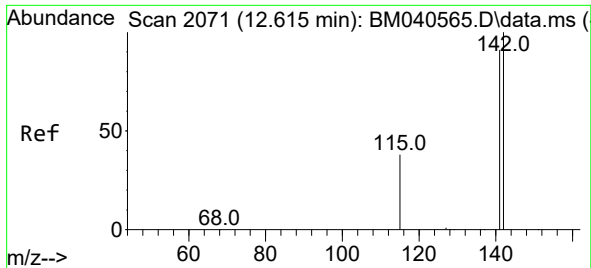
Tgt Ion:128 Resp: 5448
Ion Ratio Lower Upper
128 100
129 15.9 9.2 13.8#
127 14.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Tgt Ion:142 Resp: 3058
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9

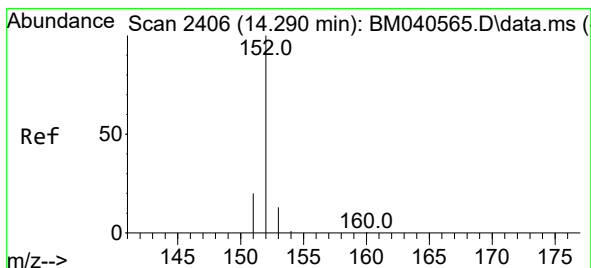
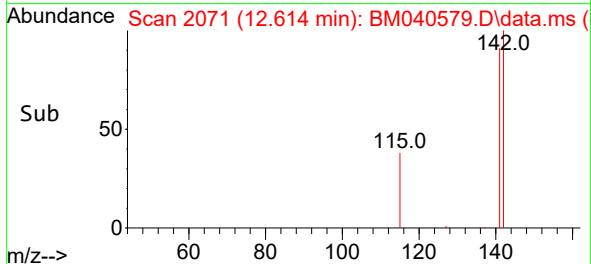
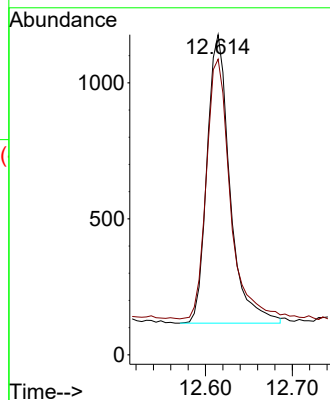
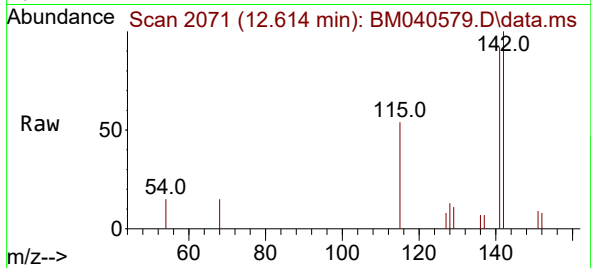




#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.614 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

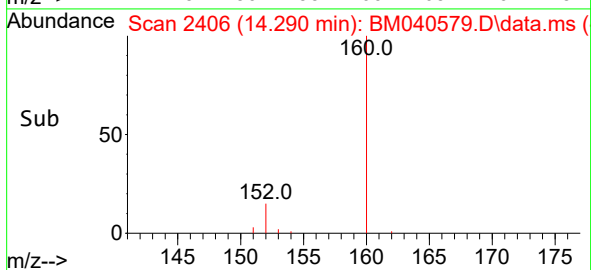
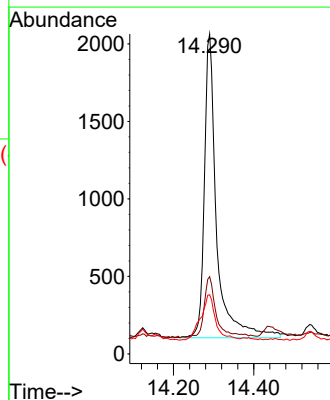
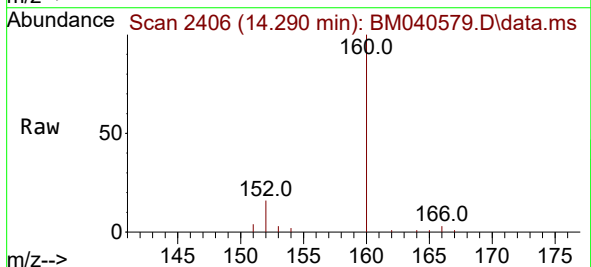
Instrument :
BNA_M
ClientSampleId :
DCFZ9DL

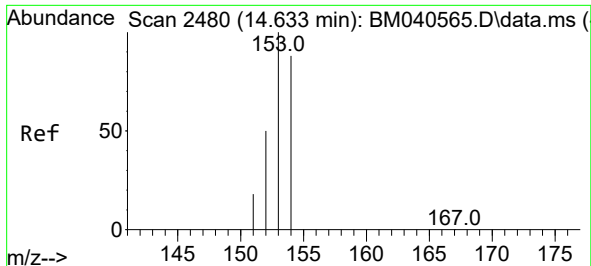
Tgt Ion:142 Resp: 1946
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Tgt Ion:152 Resp: 4155
Ion Ratio Lower Upper
152 100
151 24.1 16.2 24.2
153 18.5 10.9 16.3#

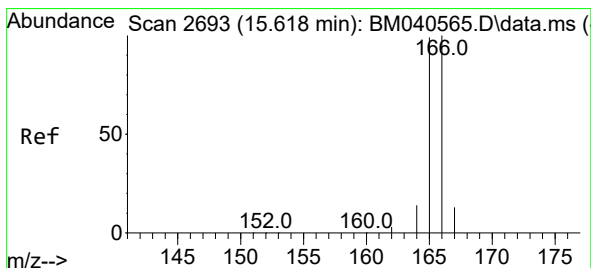
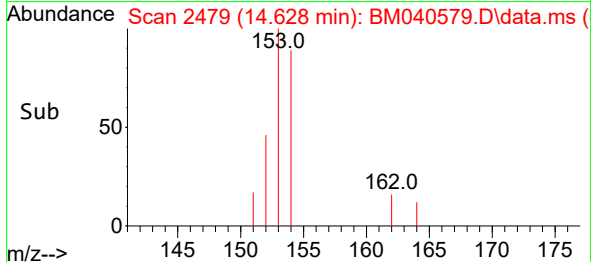
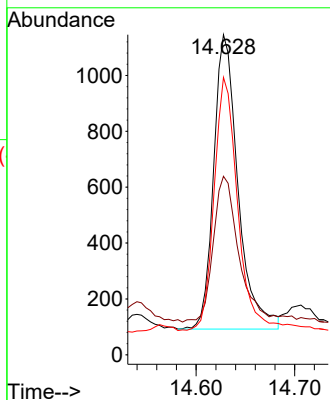
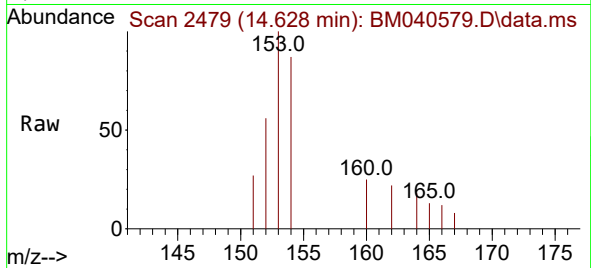




#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.628 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

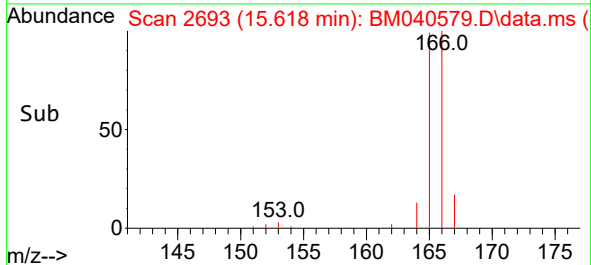
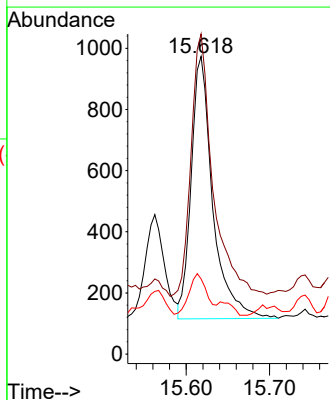
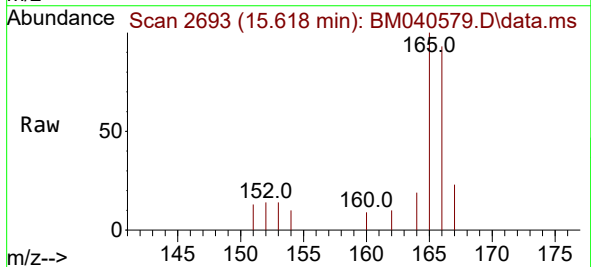
Instrument :
BNA_M
ClientSampleId :
DCFZ9DL

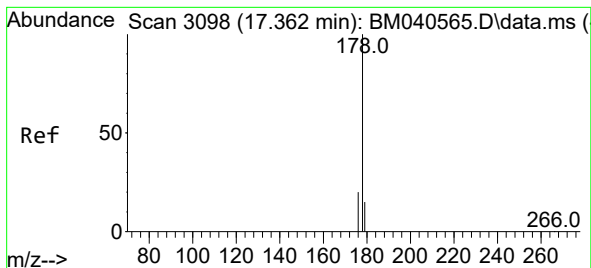
Tgt Ion:153 Resp: 1815
Ion Ratio Lower Upper
153 100
152 55.8 41.0 61.4
154 86.6 70.8 106.2



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Tgt Ion:166 Resp: 1544
Ion Ratio Lower Upper
166 100
165 107.5 79.6 119.4
167 25.3 11.4 17.0#





#15

Phenanthrene

Concen: 0.538 ng/ul

RT: 17.357 min Scan# 3098

Delta R.T. -0.005 min

Lab File: BM040579.D

Acq: 03 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

DCFZ9DL

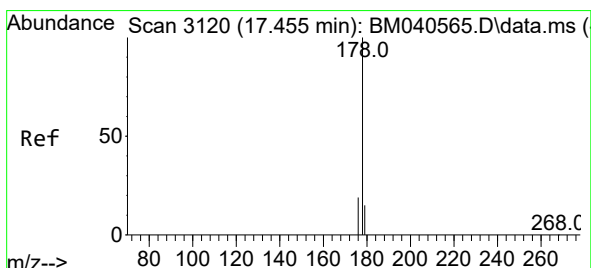
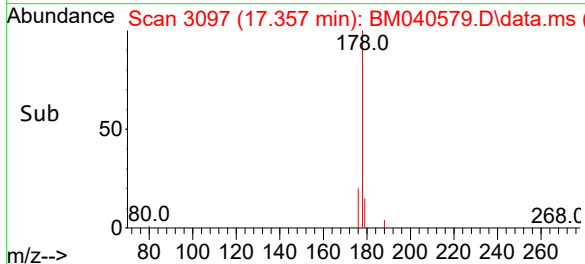
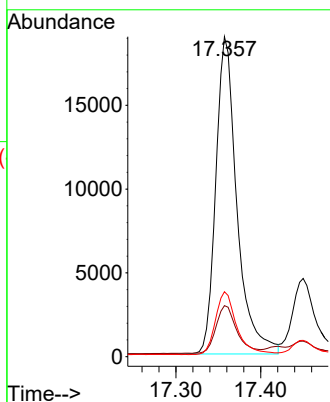
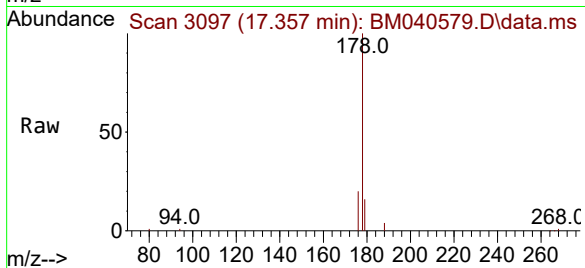
Tgt Ion:178 Resp: 32764

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 20.3 16.4 24.6



#16

Anthracene

Concen: 0.165 ng/ul

RT: 17.450 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BM040579.D

Acq: 03 Jul 2023 17:28

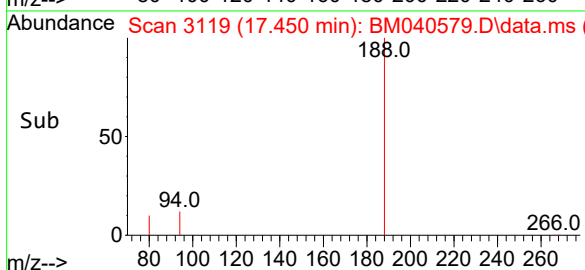
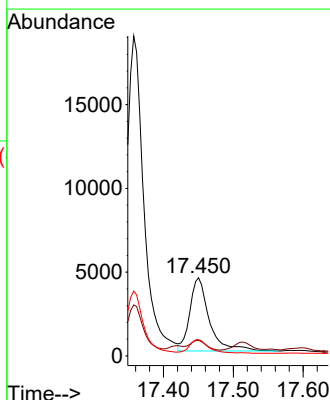
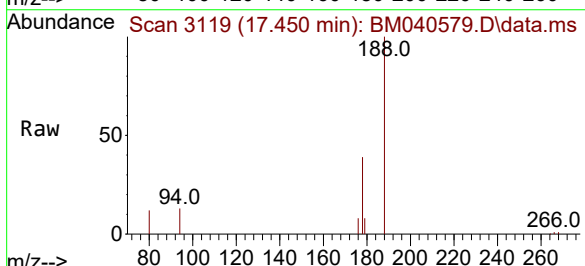
Tgt Ion:178 Resp: 8428

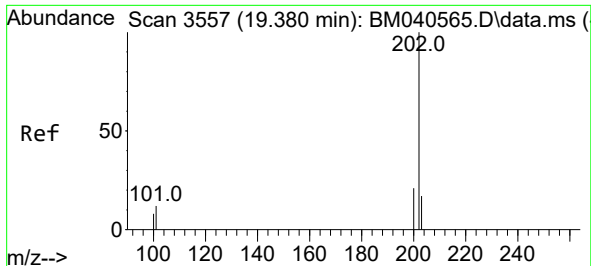
Ion Ratio Lower Upper

178 100

179 19.8 12.9 19.3#

176 20.9 15.8 23.6

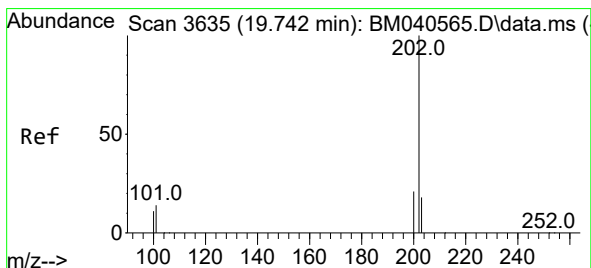
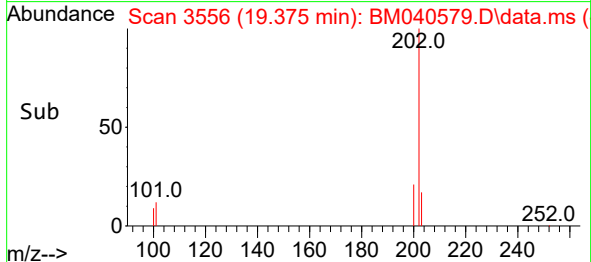
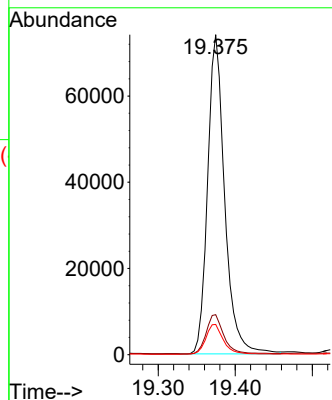
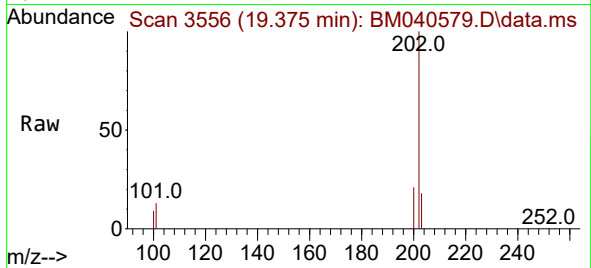




#19
Fluoranthene
Concen: 2.326 ng/ul
RT: 19.375 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

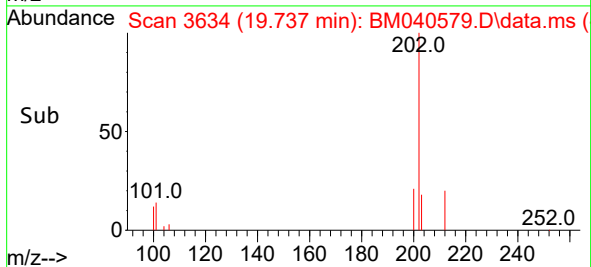
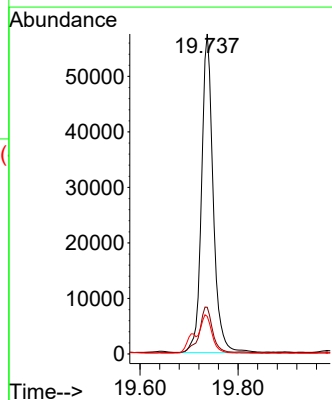
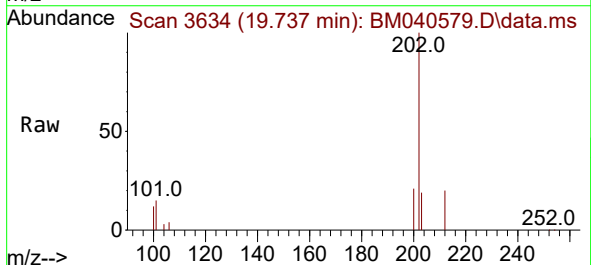
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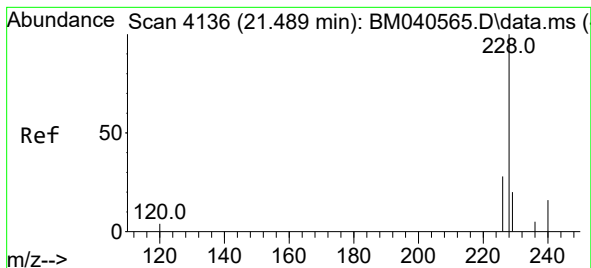
Tgt Ion:202 Resp: 113808
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.5 8.7 13.1



#20
Pyrene
Concen: 1.805 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Tgt Ion:202 Resp: 94675
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.8 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.525 ng/ul

RT: 21.485 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040579.D

Acq: 03 Jul 2023 17:28

Instrument :

BNA_M

ClientSampleId :

DCFZ9DL

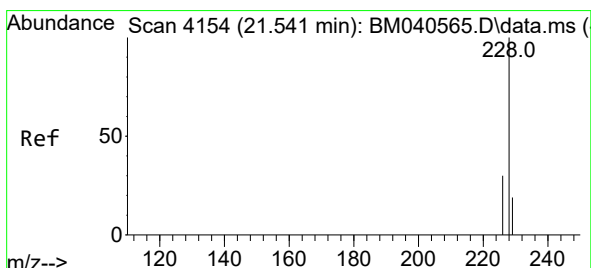
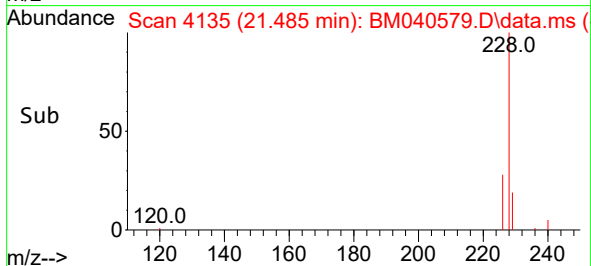
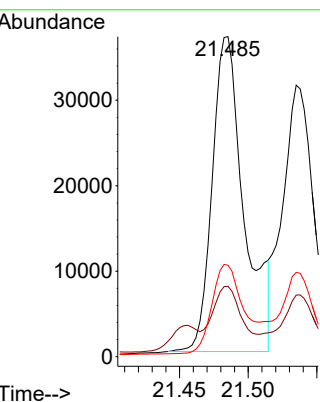
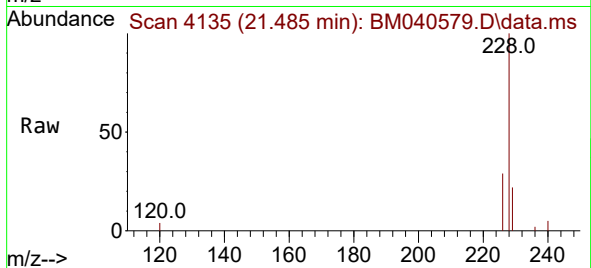
Tgt Ion:228 Resp: 59427

Ion Ratio Lower Upper

228 100

229 22.0 16.0 24.0

226 28.5 22.3 33.5



#22

Chrysene

Concen: 1.090 ng/ul

RT: 21.535 min Scan# 4152

Delta R.T. -0.006 min

Lab File: BM040579.D

Acq: 03 Jul 2023 17:28

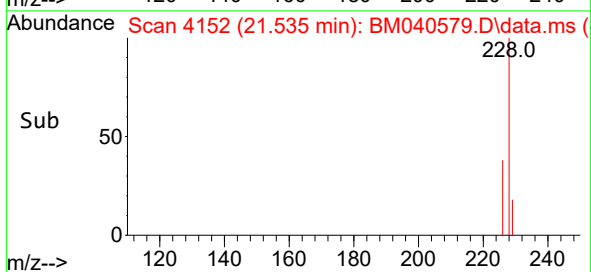
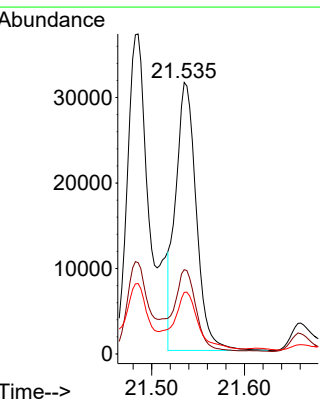
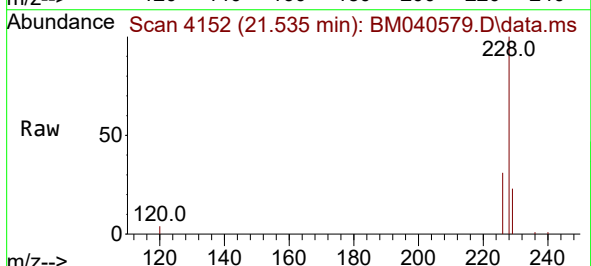
Tgt Ion:228 Resp: 48471

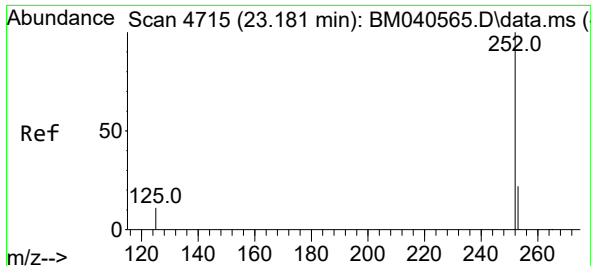
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 22.7 15.8 23.6

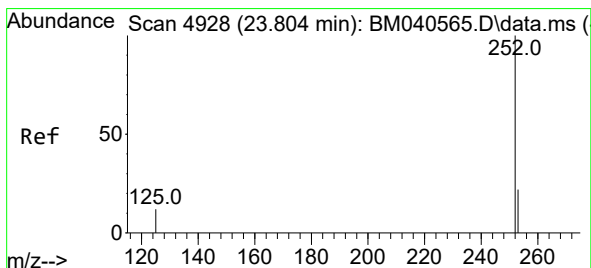
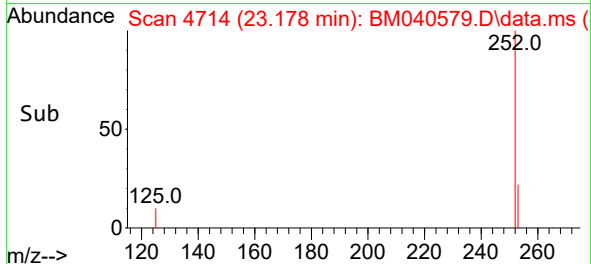
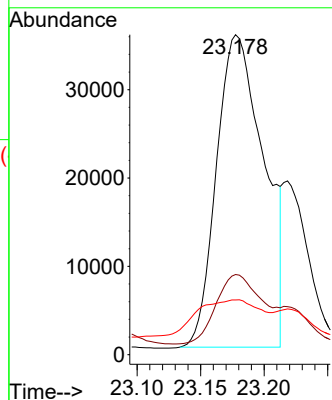
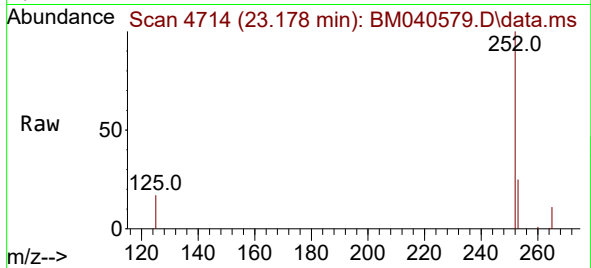




#24
Benzo(b)fluoranthene
Concen: 1.937 ng/ul
RT: 23.178 min Scan# 4715
Delta R.T. -0.003 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

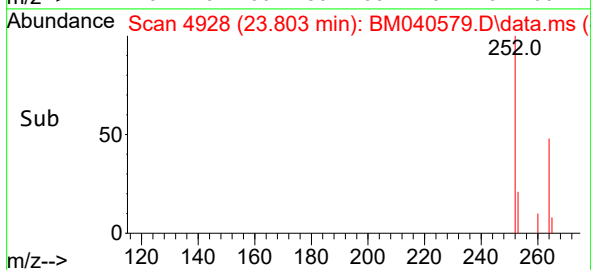
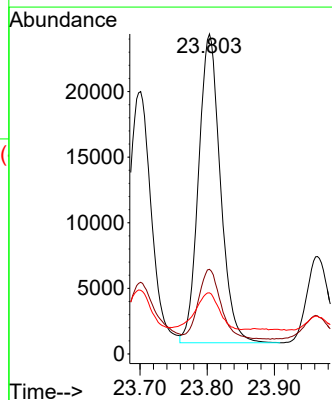
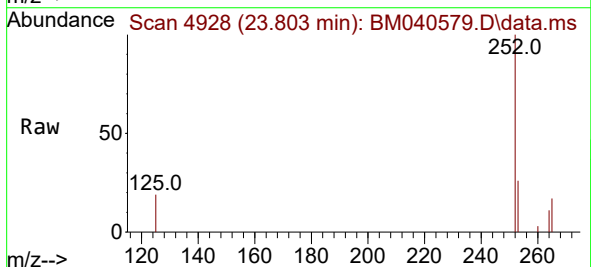
Instrument :
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ClientSampleId :
DCFZ9DL

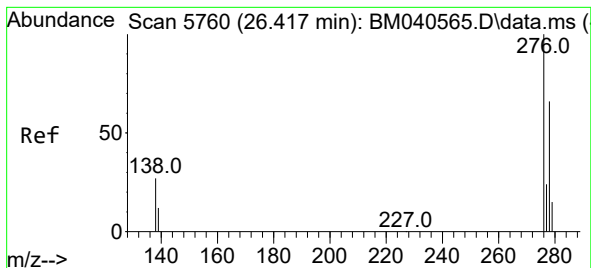
Tgt Ion:252 Resp: 91813
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 17.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.243 ng/ul
RT: 23.803 min Scan# 4928
Delta R.T. -0.000 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

Tgt Ion:252 Resp: 53084
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 19.1 21.0 31.4#

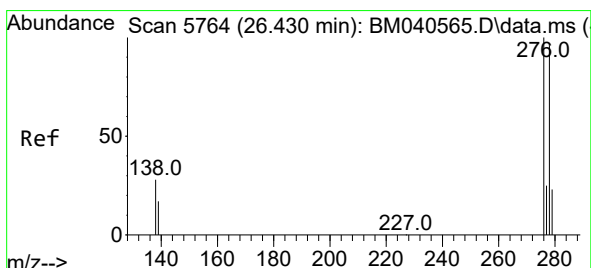
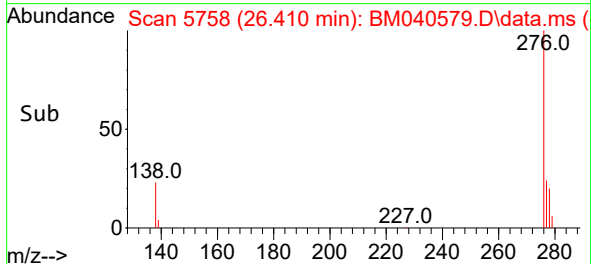
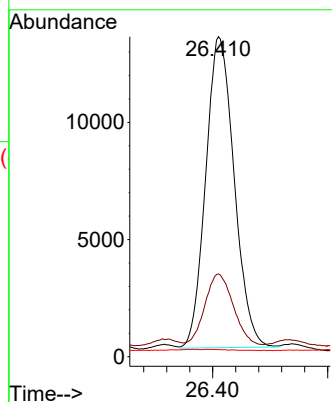
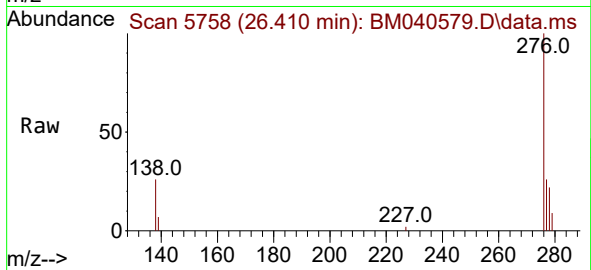




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.768 ng/ul
RT: 26.410 min Scan# 5758
Delta R.T. -0.007 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

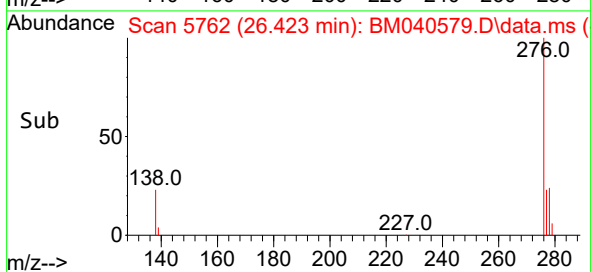
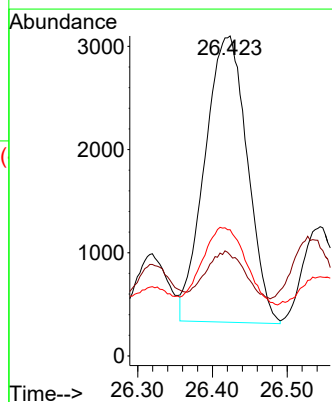
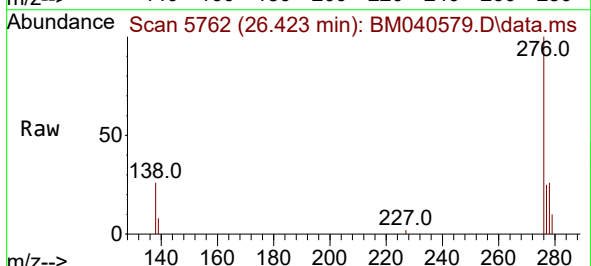
Instrument :
BNA_M
ClientSampleId :
DCFZ9DL

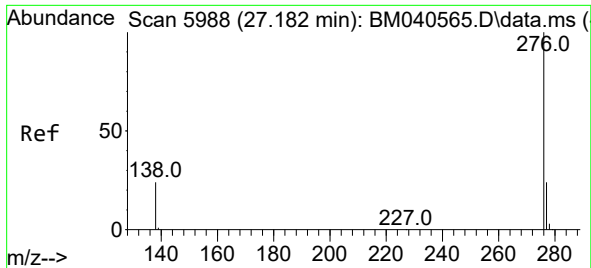
Tgt Ion:276 Resp: 45672
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.235 ng/ul
RT: 26.423 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BM040579.D
Acq: 03 Jul 2023 17:28

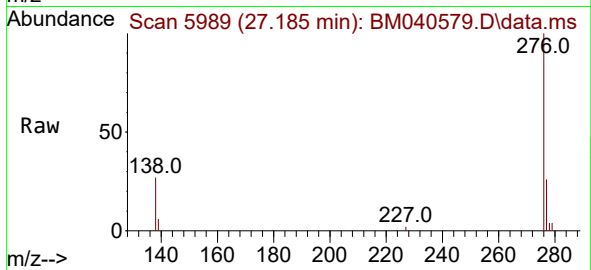
Tgt Ion:278 Resp: 10955
Ion Ratio Lower Upper
278 100
139 31.5 17.9 26.9#
279 39.5 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.831 ng/ul
 RT: 27.185 min Scan# 5989
 Delta R.T. 0.003 min
 Lab File: BM040579.D
 Acq: 03 Jul 2023 17:28

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ9DL



Tgt Ion:276 Resp: 43337
 Ion Ratio Lower Upper
 276 100
 138 27.5 23.0 34.6
 277 25.6 20.3 30.5

