

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040585.D
 Acq On : 03 Jul 2023 21:17
 Operator : MA/JU
 Sample : 03161-10DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW6DL

Quant Time: Jul 04 01:30:19 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)

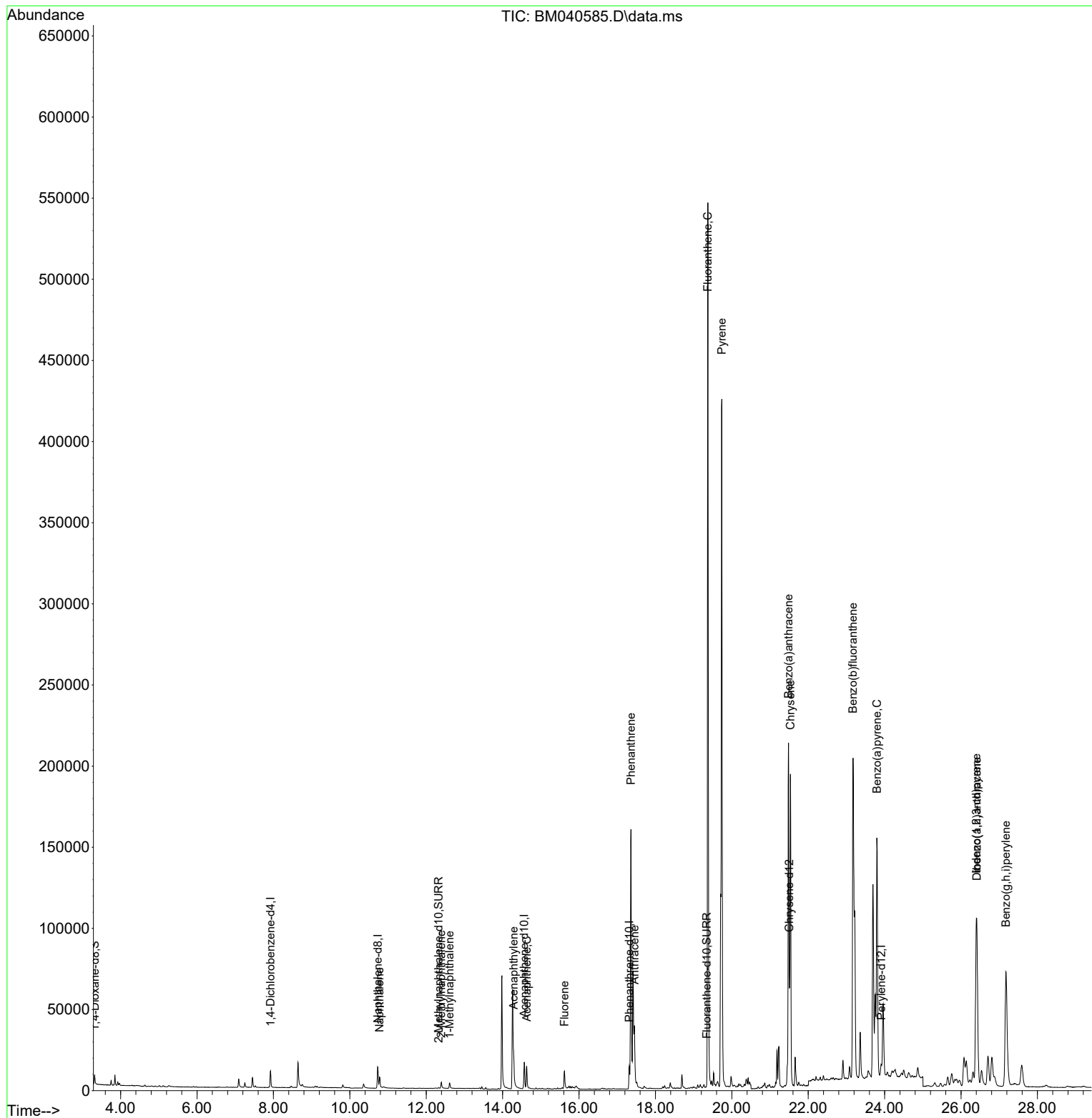
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	5726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	21449	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	10287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	19559	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	11297	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	12569	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	3507	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	768	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1176	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	10231	0.173	ng/ul	96
7) 2-Methylnaphthalene	12.395	142	3497	0.101	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	2705	0.078	ng/ul	99
10) Acenaphthylene	14.290	152	22706	0.494	ng/ul	99
11) Acenaphthene	14.628	153	8859	0.228	ng/ul	98
12) Fluorene	15.618	166	8624	0.208	ng/ul	99
15) Phenanthrene	17.358	178	200961	3.308	ng/ul	98
16) Anthracene	17.450	178	44432	0.870	ng/ul	99
19) Fluoranthene	19.370	202	504717	10.518	ng/ul	96
20) Pyrene	19.737	202	394176	7.662	ng/ul	96
21) Benzo(a)anthracene	21.483	228	213565	5.589	ng/ul	99
22) Chrysene	21.535	228	196962	4.519	ng/ul	98
24) Benzo(b)fluoranthene	23.172	252	381764	7.848	ng/ul	88
26) Benzo(a)pyrene	23.798	252	236558	5.399	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.404	276	203097	3.328	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.414	278	48834	1.022	ng/ul	96
29) Benzo(g,h,i)perylene	27.175	276	177306	3.315	ng/ul	94

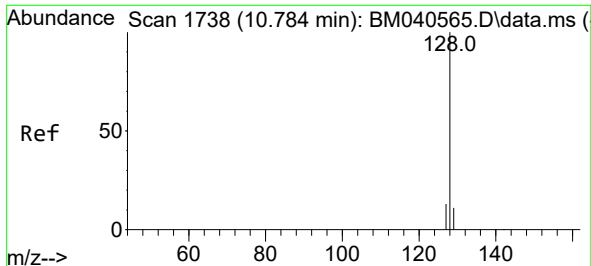
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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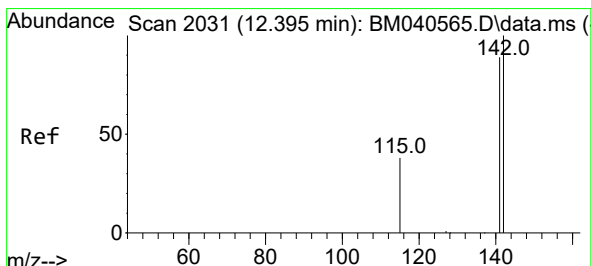
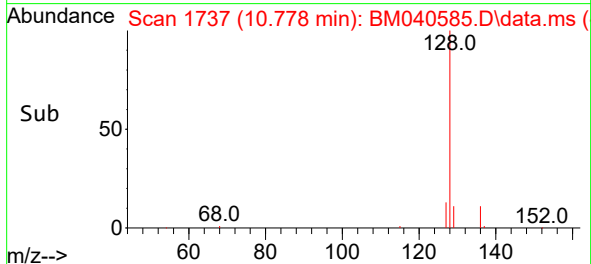
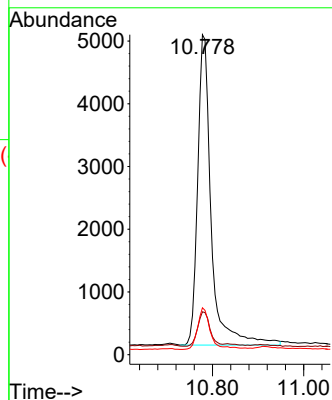
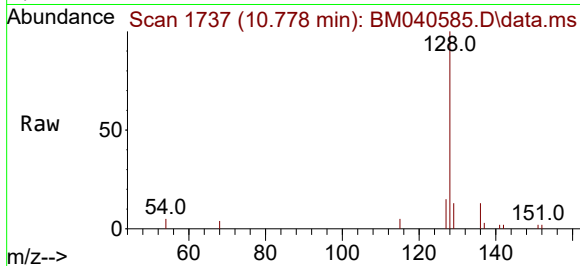




#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

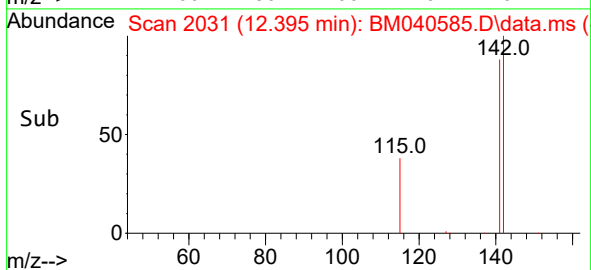
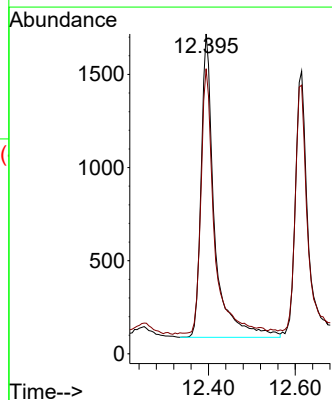
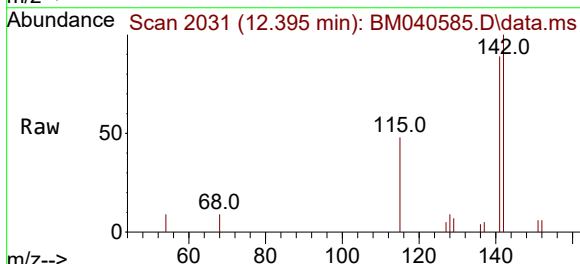
Instrument :
BNA_M
ClientSampleId :
DCFV6DL

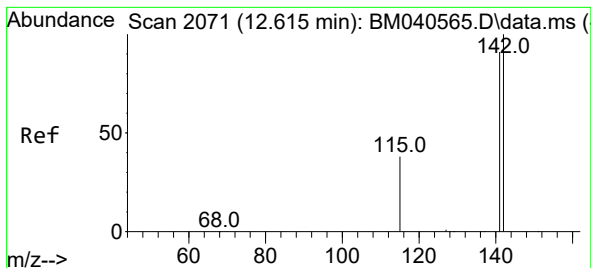
Tgt Ion:128 Resp: 10231
Ion Ratio Lower Upper
128 100
129 13.4 9.2 13.8
127 14.6 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Tgt Ion:142 Resp: 3497
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

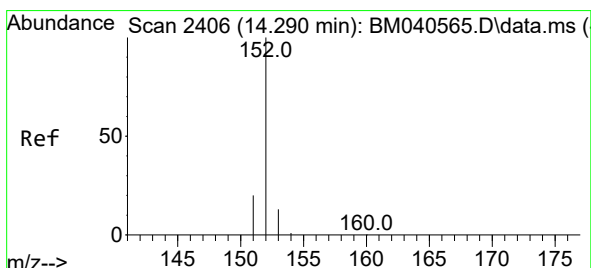
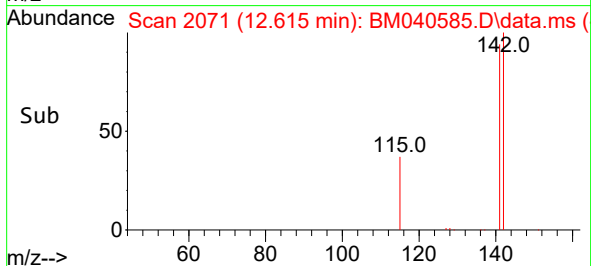
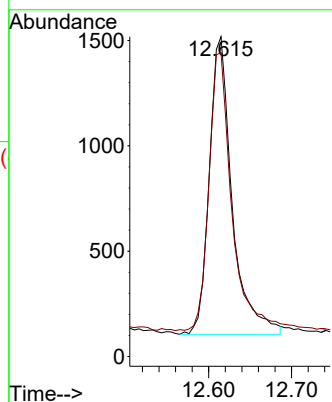
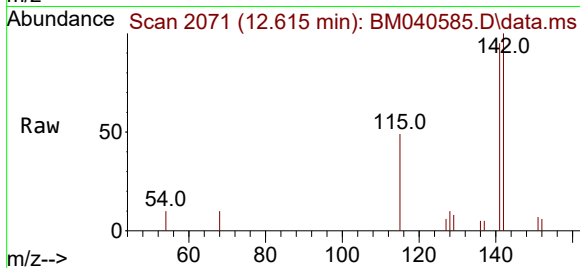




#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

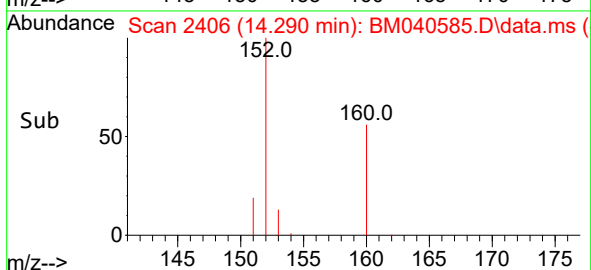
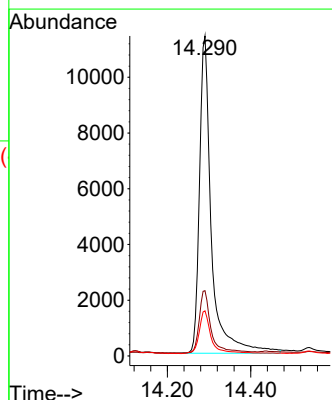
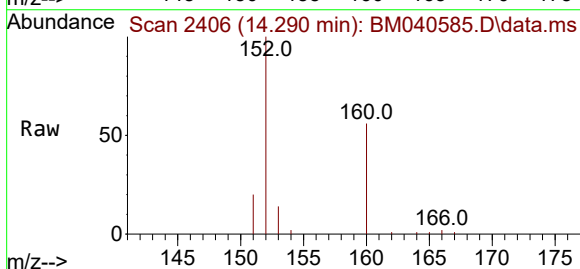
Instrument :
BNA_M
ClientSampleId :
DCFW6DL

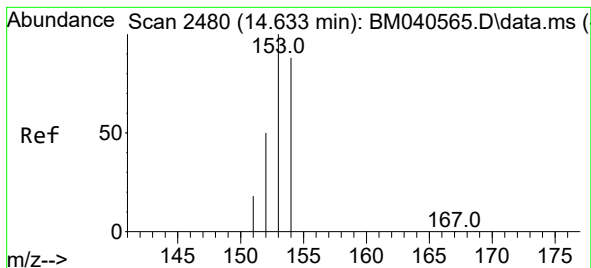
Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
141 92.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.494 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Tgt Ion:152 Resp: 22706
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.1 10.9 16.3





#11

Acenaphthene

Concen: 0.228 ng/ul

RT: 14.628 min Scan# 2480

Delta R.T. -0.005 min

Lab File: BM040585.D

Acq: 03 Jul 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCFV6DL

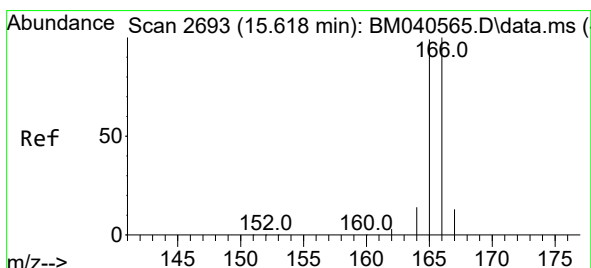
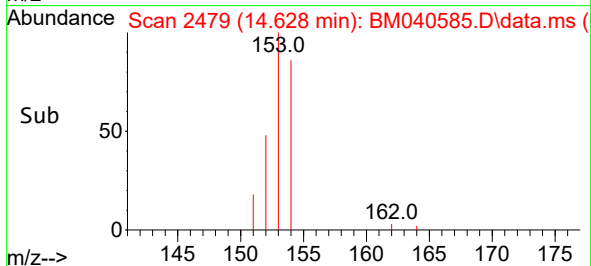
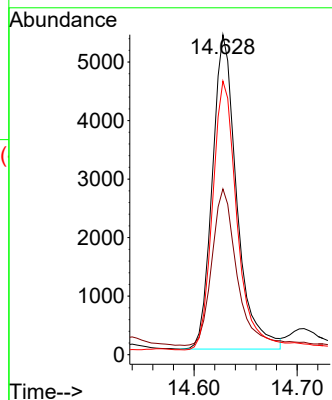
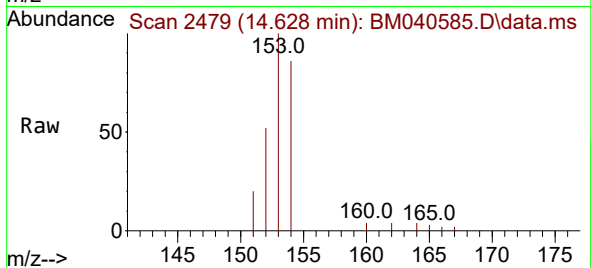
Tgt Ion:153 Resp: 8859

Ion Ratio Lower Upper

153 100

152 51.8 41.0 61.4

154 85.5 70.8 106.2



#12

Fluorene

Concen: 0.208 ng/ul

RT: 15.618 min Scan# 2693

Delta R.T. -0.000 min

Lab File: BM040585.D

Acq: 03 Jul 2023 21:17

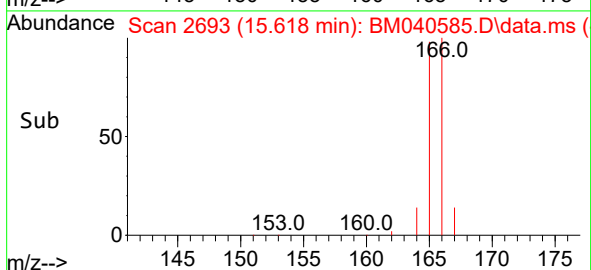
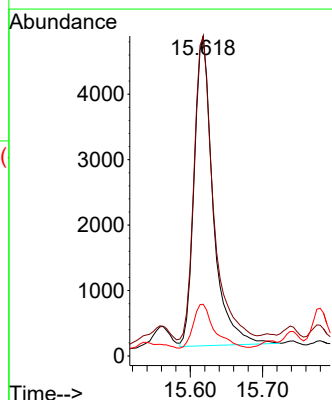
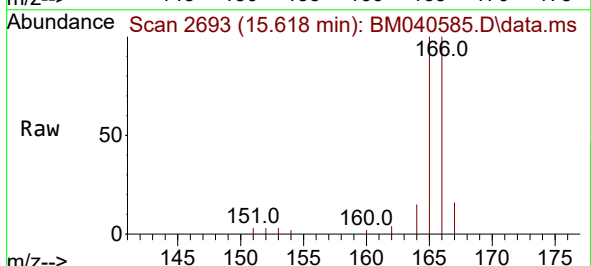
Tgt Ion:166 Resp: 8624

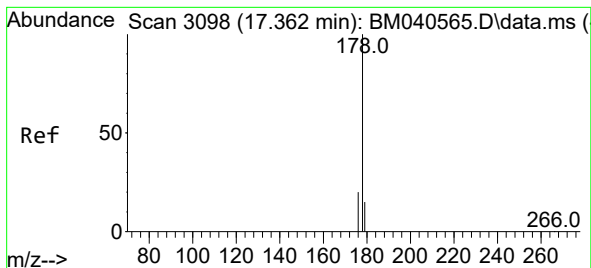
Ion Ratio Lower Upper

166 100

165 99.9 79.6 119.4

167 16.2 11.4 17.0





#15

Phenanthrene

Concen: 3.308 ng/ul

RT: 17.358 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BM040585.D

Acq: 03 Jul 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCFV6DL

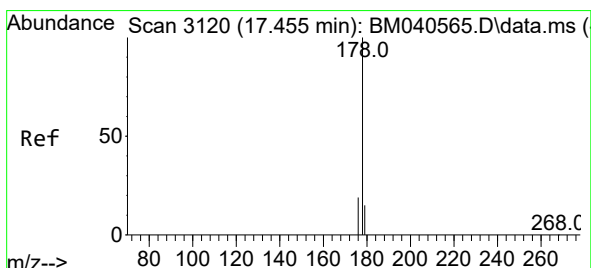
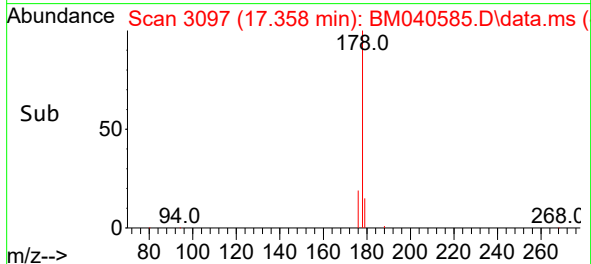
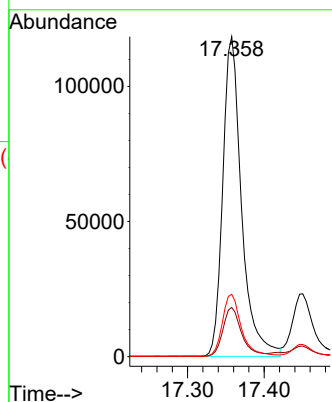
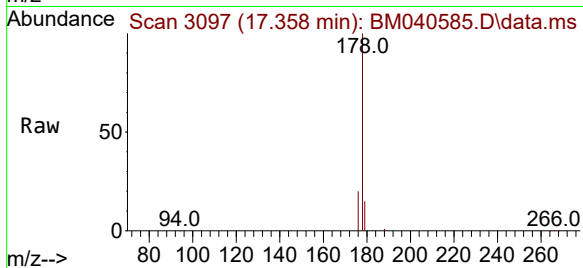
Tgt Ion:178 Resp: 200961

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

176 19.5 16.4 24.6



#16

Anthracene

Concen: 0.870 ng/ul

RT: 17.450 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BM040585.D

Acq: 03 Jul 2023 21:17

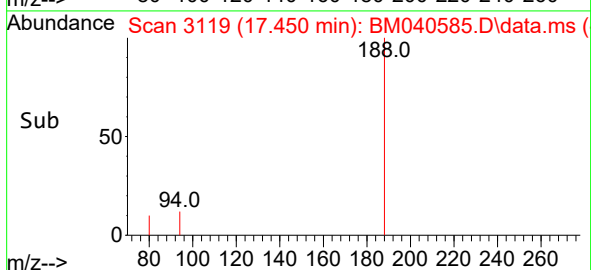
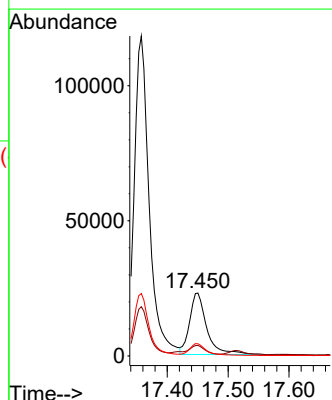
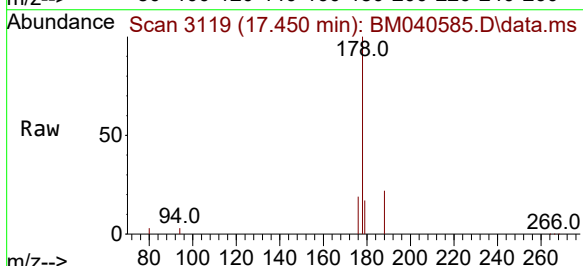
Tgt Ion:178 Resp: 44432

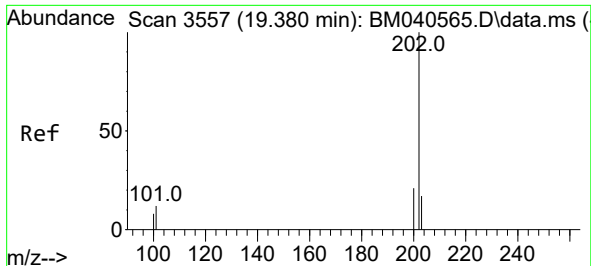
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 19.3 15.8 23.6

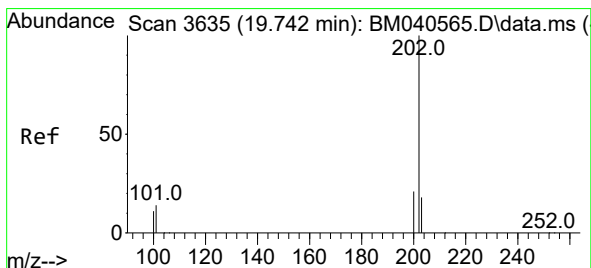
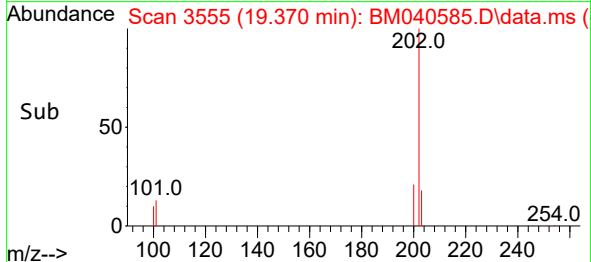
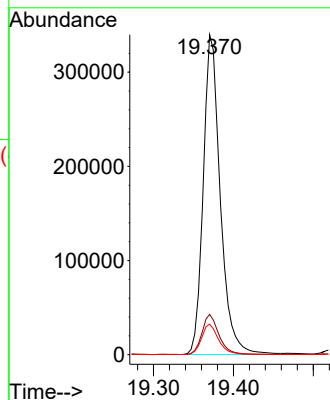
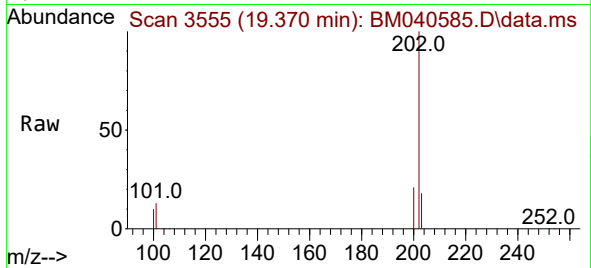




#19
Fluoranthene
Concen: 10.518 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

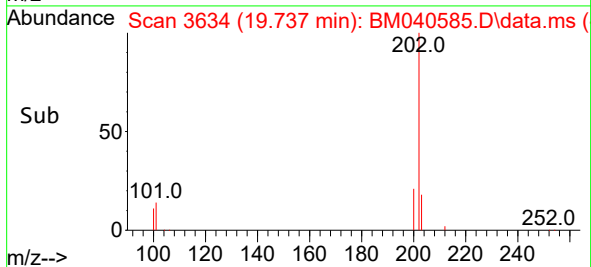
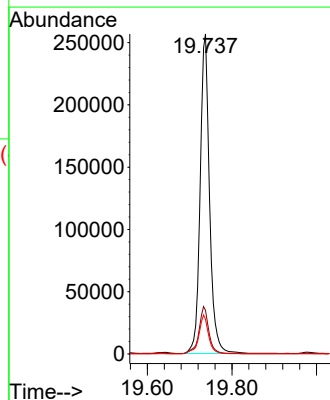
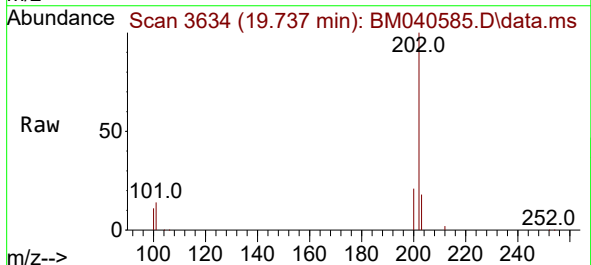
Instrument :
BNA_M
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DCFW6DL

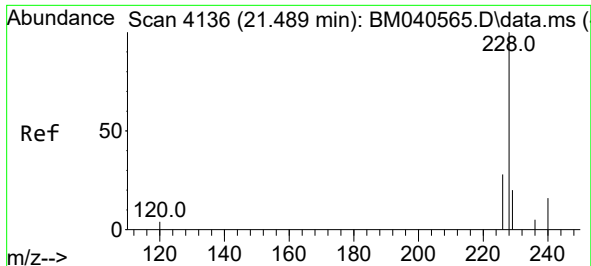
Tgt Ion:202 Resp: 504717
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.6 8.7 13.1



#20
Pyrene
Concen: 7.662 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

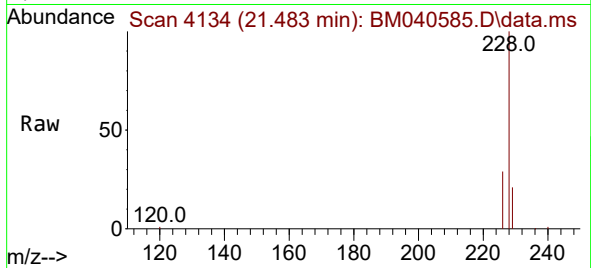
Tgt Ion:202 Resp: 394176
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 10.9 9.8 14.6



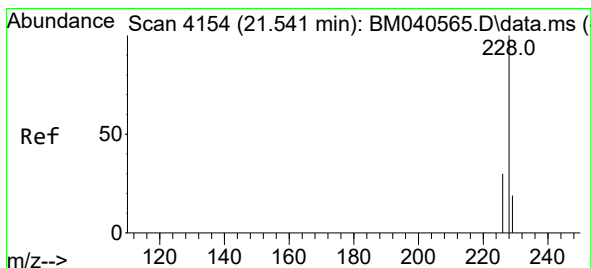
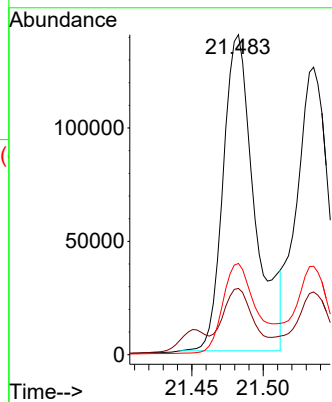
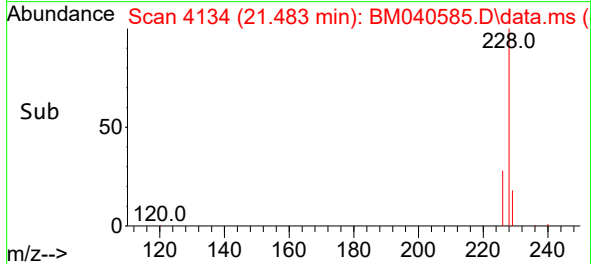


#21
Benzo(a)anthracene
Concen: 5.589 ng/ul
RT: 21.483 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Instrument :
BNA_M
ClientSampleId :
DCFV6DL

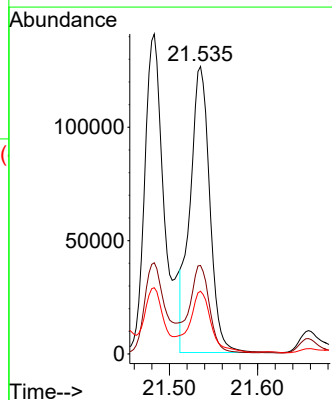
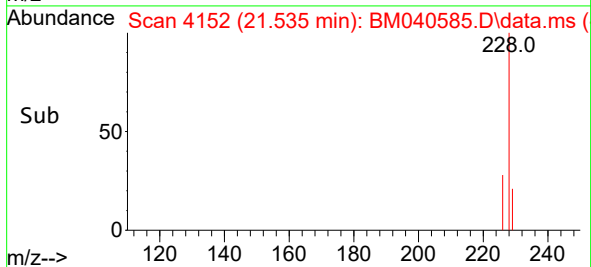
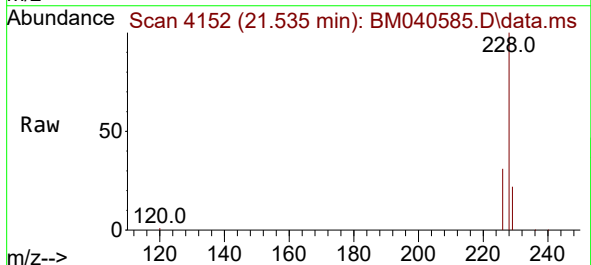


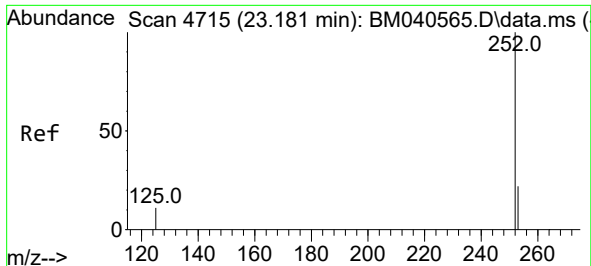
Tgt Ion:228 Resp: 213565
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 4.519 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.006 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Tgt Ion:228 Resp: 196962
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.8 15.8 23.6

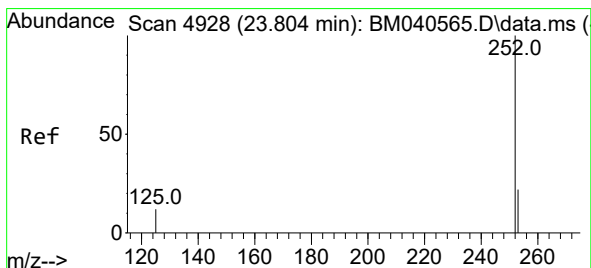
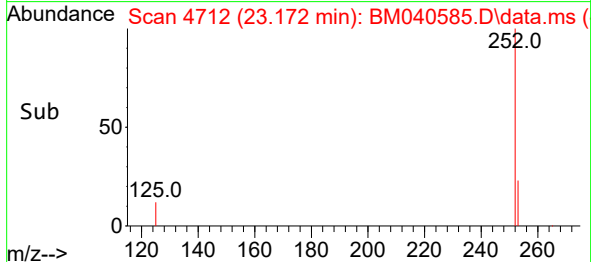
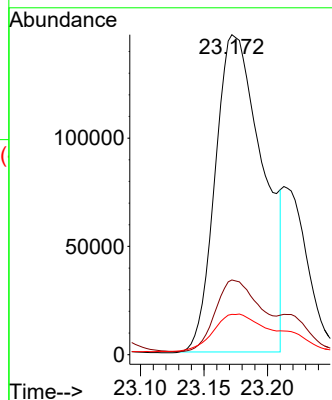
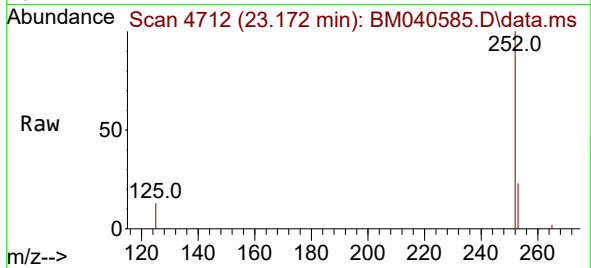




#24
Benzo(b)fluoranthene
Concen: 7.848 ng/ul
RT: 23.172 min Scan# 4712
Delta R.T. -0.009 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

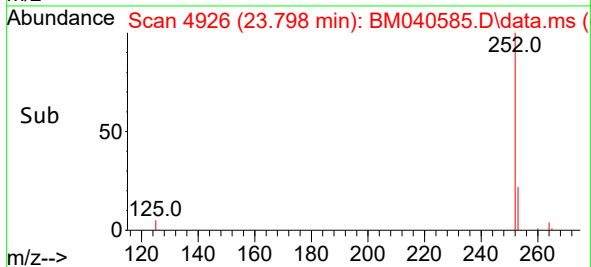
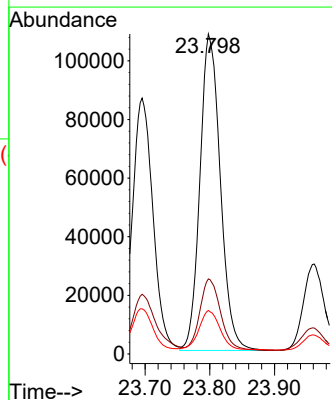
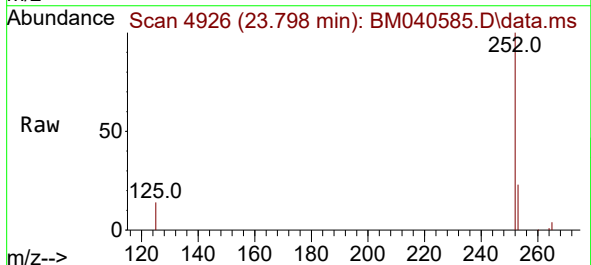
Instrument :
BNA_M
ClientSampleId :
DCFV6DL

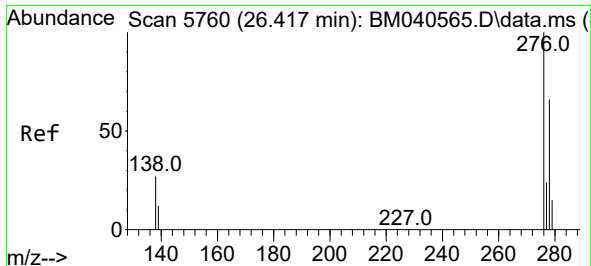
Tgt Ion:252 Resp: 381764
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 12.6 0.0 43.0



#26
Benzo(a)pyrene
Concen: 5.399 ng/ul
RT: 23.798 min Scan# 4926
Delta R.T. -0.006 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Tgt Ion:252 Resp: 236558
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 13.6 21.0 31.4#

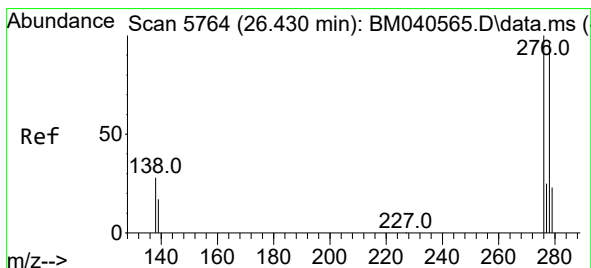
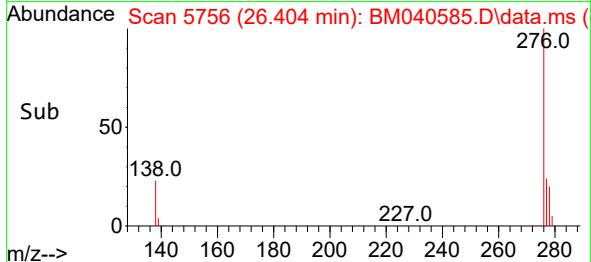
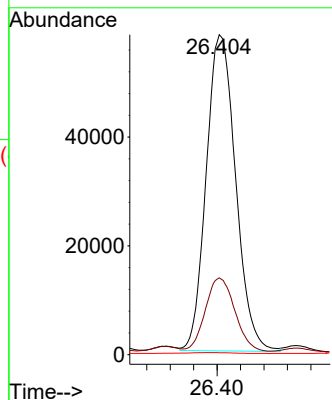
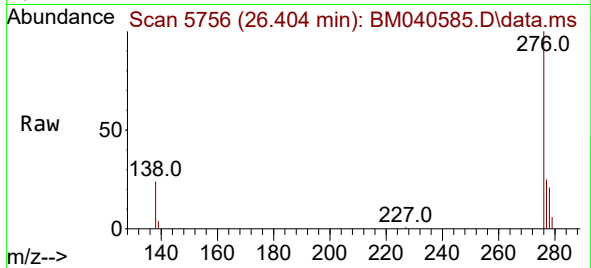




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.328 ng/ul
 RT: 26.404 min Scan# 5756
 Delta R.T. -0.014 min
 Lab File: BM040585.D
 Acq: 03 Jul 2023 21:17

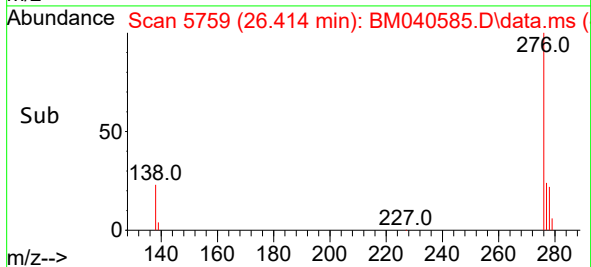
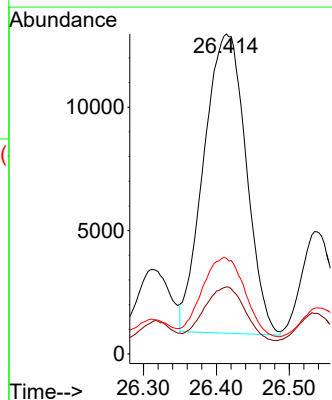
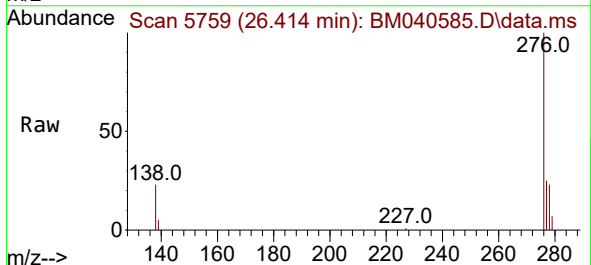
Instrument :
 BNA_M
 ClientSampleId :
 DCFW6DL

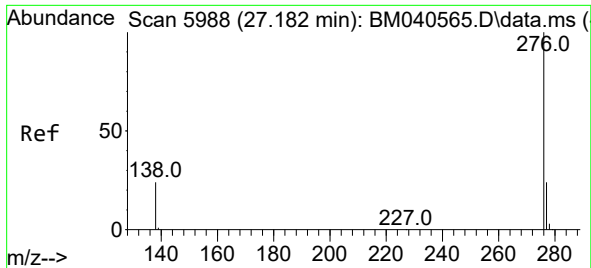
Tgt Ion:276 Resp: 203097
 Ion Ratio Lower Upper
 276 100
 138 23.2 24.5 36.7#
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.022 ng/ul
 RT: 26.414 min Scan# 5759
 Delta R.T. -0.017 min
 Lab File: BM040585.D
 Acq: 03 Jul 2023 21:17

Tgt Ion:278 Resp: 48834
 Ion Ratio Lower Upper
 278 100
 139 21.0 17.9 26.9
 279 29.9 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 3.315 ng/ul
RT: 27.175 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM040585.D
Acq: 03 Jul 2023 21:17

Instrument :
BNA_M
ClientSampleId :
DCFW6DL

Tgt Ion:276 Resp: 177306
Ion Ratio Lower Upper
276 100
138 24.5 23.0 34.6
277 24.1 20.3 30.5

