

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040594.D
 Acq On : 04 Jul 2023 02:55
 Operator : MA/JU
 Sample : 03242-01DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ8DL

Quant Time: Jul 04 04:18:04 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)

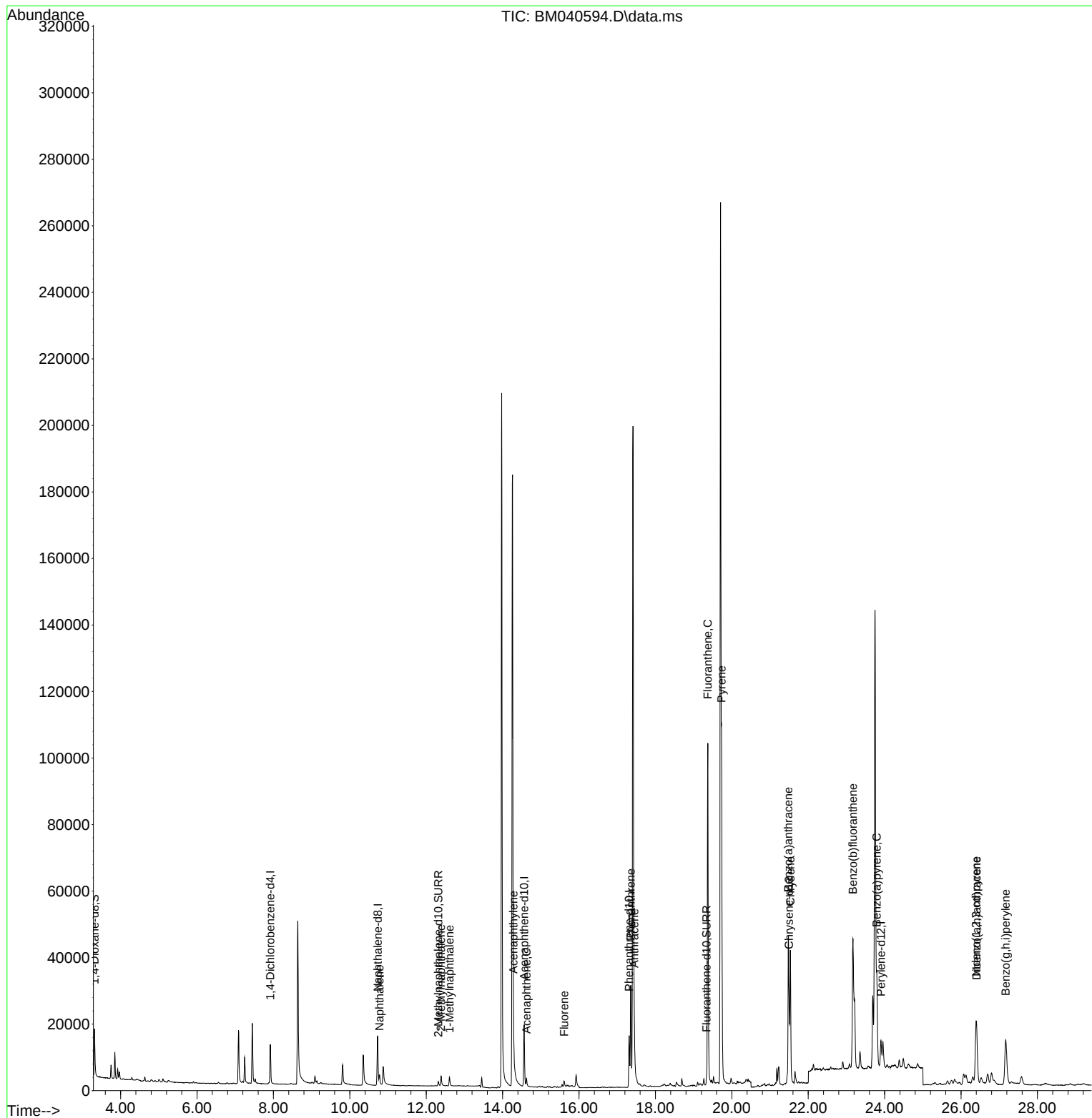
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	23707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	21714	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12977	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12346	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	8869	0.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	2209	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	3143	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	4238	0.065	ng/ul#	89
7) 2-Methylnaphthalene	12.389	142	2775	0.072	ng/ul	98
8) 1-Methylnaphthalene	12.609	142	2002	0.052	ng/ul	98
10) Acenaphthylene	14.286	152	6764	0.135	ng/ul#	95
11) Acenaphthene	14.623	153	1418	0.034	ng/ul	96
12) Fluorene	15.613	166	1342	0.030	ng/ul#	89
15) Phenanthrene	17.353	178	37153	0.551	ng/ul	99
16) Anthracene	17.446	178	8428	0.149	ng/ul#	94
19) Fluoranthene	19.370	202	102035	1.851	ng/ul	96
20) Pyrene	19.733	202	80926	1.369	ng/ul	99
21) Benzo(a)anthracene	21.480	228	45169	1.029	ng/ul	97
22) Chrysene	21.532	228	41760	0.834	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	73300	1.534	ng/ul	94
26) Benzo(a)pyrene	23.795	252	41770	0.971	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.397	276	39090	0.652	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	9039	0.193	ng/ul#	80
29) Benzo(g,h,i)perylene	27.168	276	34981	0.666	ng/ul	98

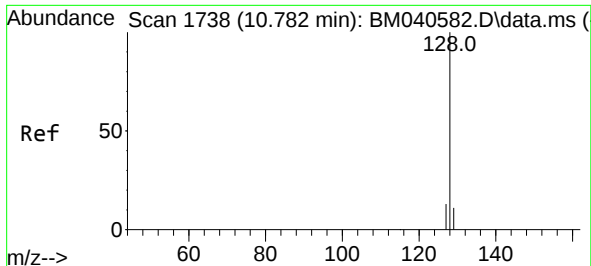
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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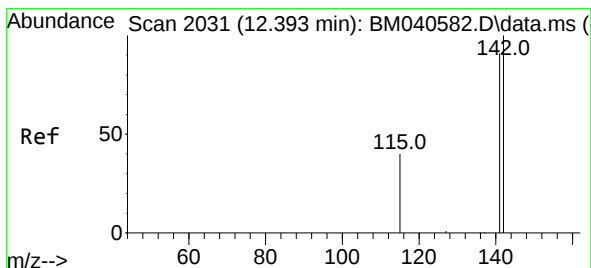
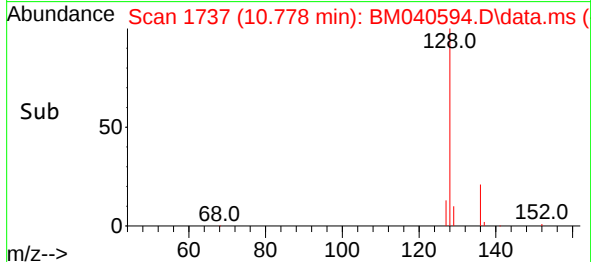
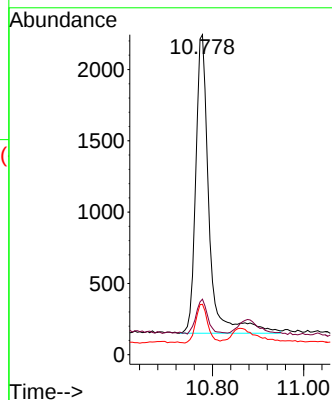
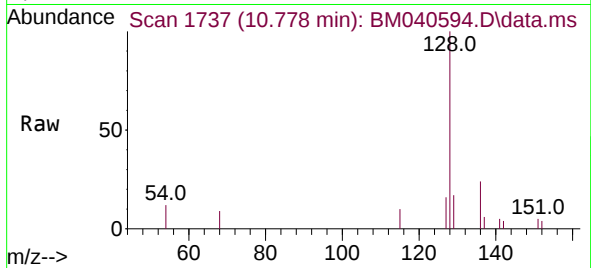




#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.778 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

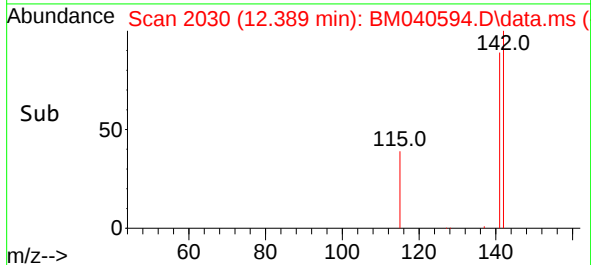
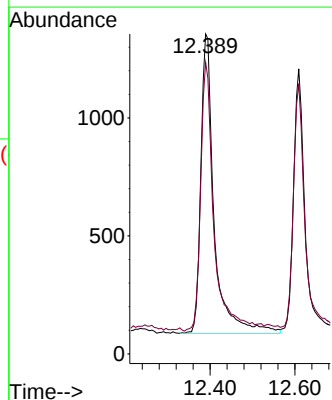
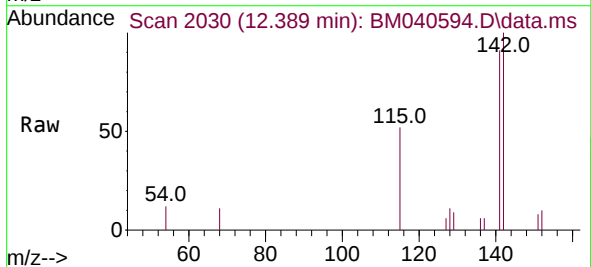
Instrument :
BNA_N
ClientSampleId :
DCFZ8DL

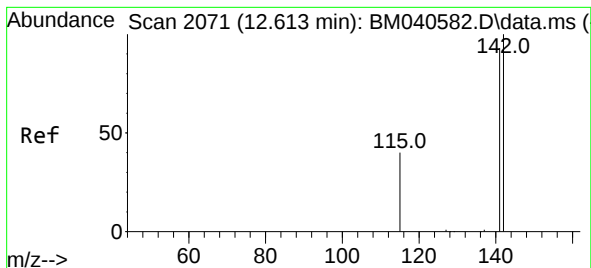
Tgt Ion:128 Resp: 4238
Ion Ratio Lower Upper
128 100
129 17.4 9.2 13.8#
127 15.8 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:142 Resp: 2775
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.609 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BM040594.D

Acq: 04 Jul 2023 02:55

Instrument :

BNA_N

ClientSampleId :

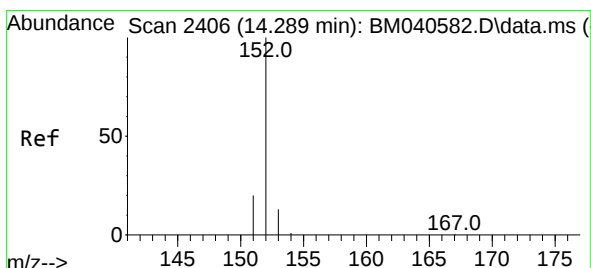
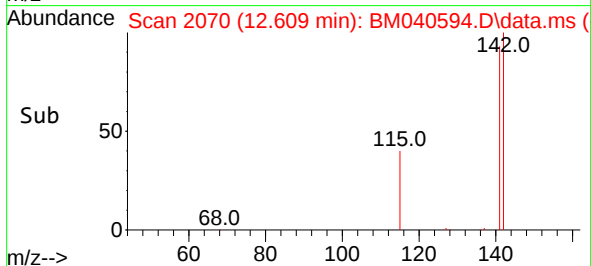
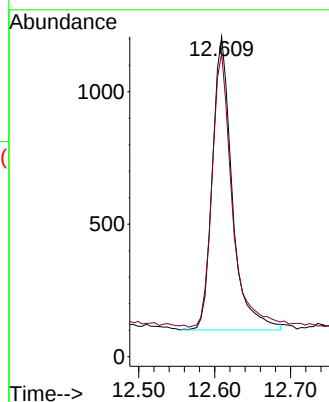
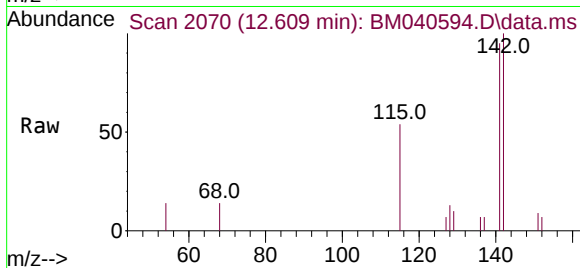
DCFZ8DL

Tgt Ion:142 Resp: 2002

Ion Ratio Lower Upper

142 100

141 94.3 73.7 110.5



#10

Acenaphthylene

Concen: 0.135 ng/ul

RT: 14.286 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BM040594.D

Acq: 04 Jul 2023 02:55

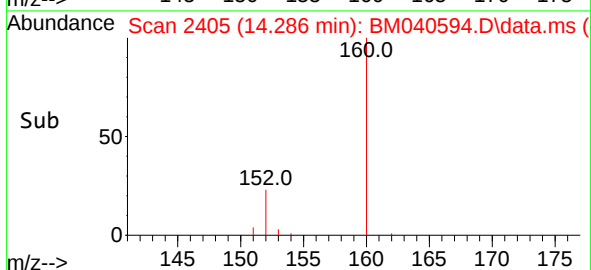
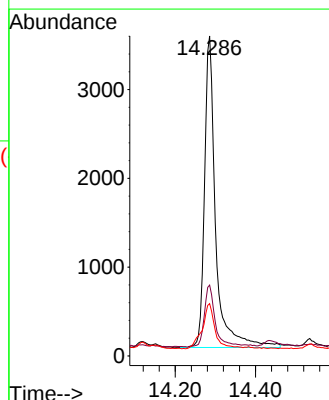
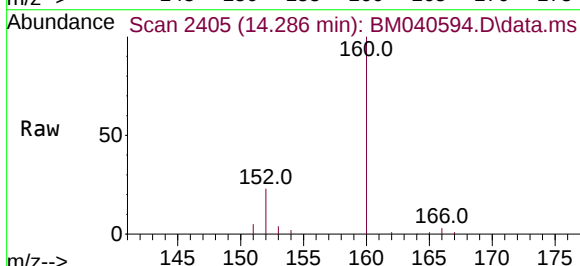
Tgt Ion:152 Resp: 6764

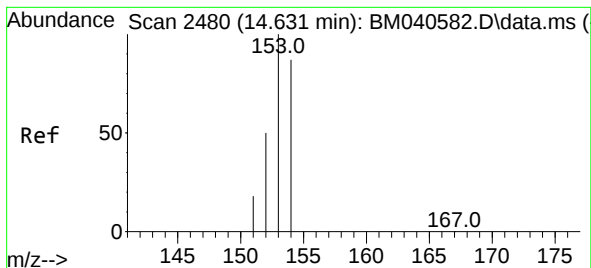
Ion Ratio Lower Upper

152 100

151 22.2 16.2 24.2

153 16.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.623 min Scan# 2478

Delta R.T. -0.009 min

Lab File: BM040594.D

Acq: 04 Jul 2023 02:55

Instrument :

BNA_N

ClientSampleId :

DCFZ8DL

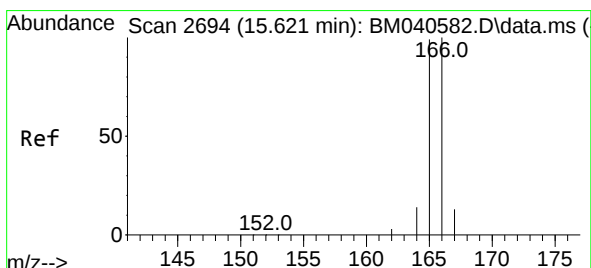
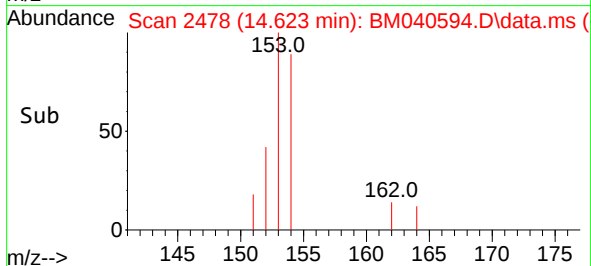
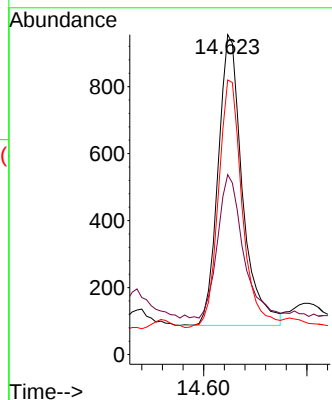
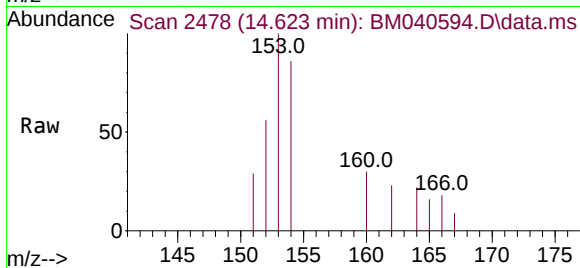
Tgt Ion:153 Resp: 1418

Ion Ratio Lower Upper

153 100

152 56.2 41.0 61.4

154 85.9 70.8 106.2



#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.613 min Scan# 2692

Delta R.T. -0.005 min

Lab File: BM040594.D

Acq: 04 Jul 2023 02:55

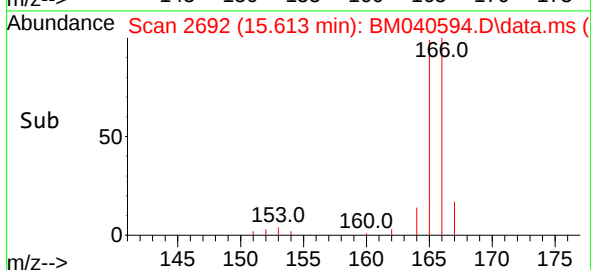
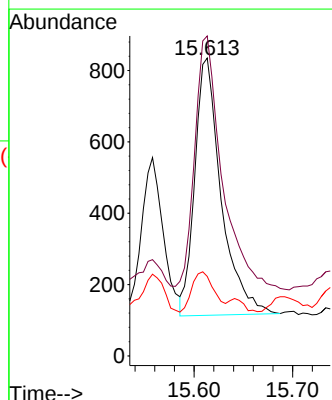
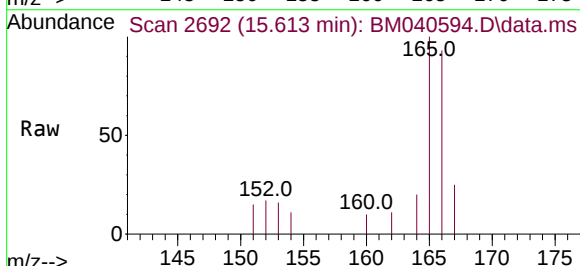
Tgt Ion:166 Resp: 1342

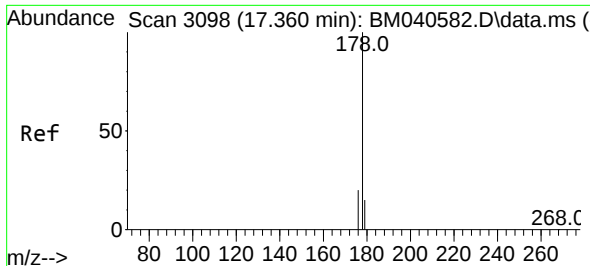
Ion Ratio Lower Upper

166 100

165 107.4 79.6 119.4

167 26.7 11.4 17.0#

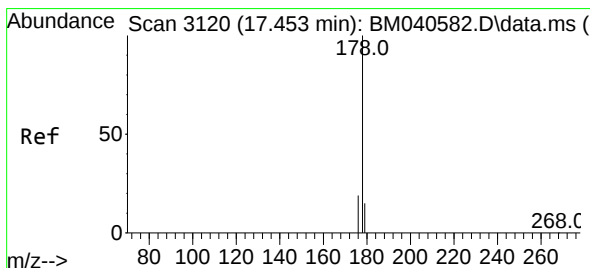
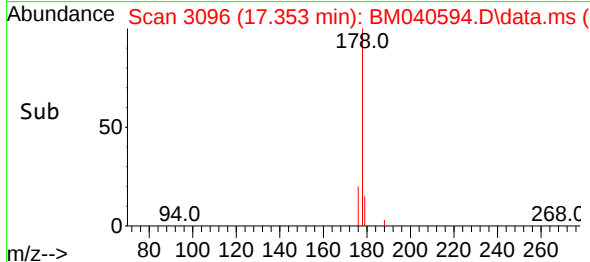
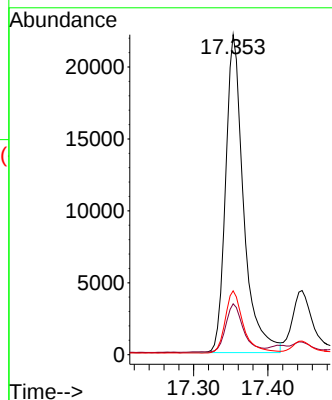
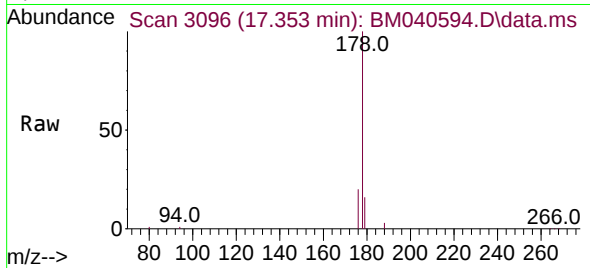




#15
Phenanthrene
Concen: 0.551 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

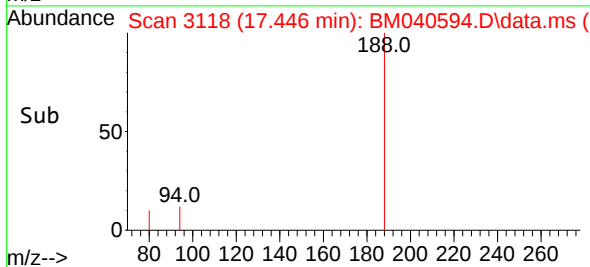
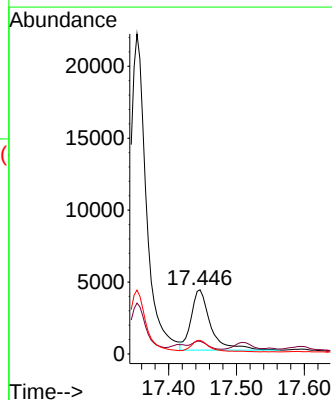
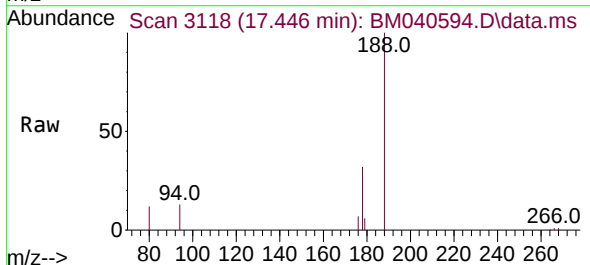
Instrument :
BNA_N
ClientSampleId :
DCFZ8DL

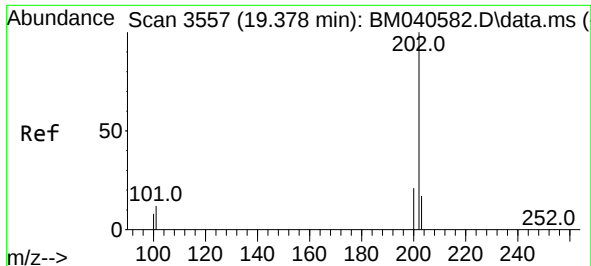
Tgt Ion:178 Resp: 37153
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.0 16.4 24.6



#16
Anthracene
Concen: 0.149 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:178 Resp: 8428
Ion Ratio Lower Upper
178 100
179 19.9 12.9 19.3#
176 21.2 15.8 23.6

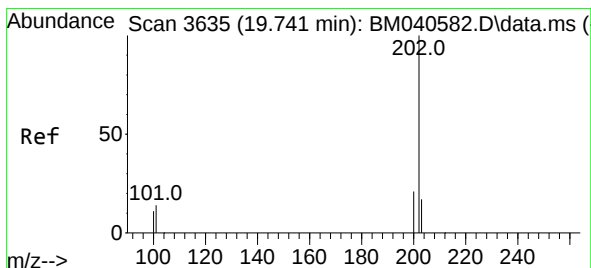
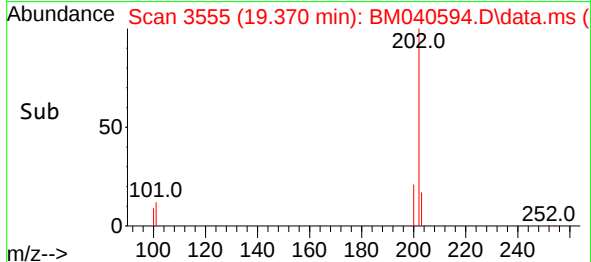
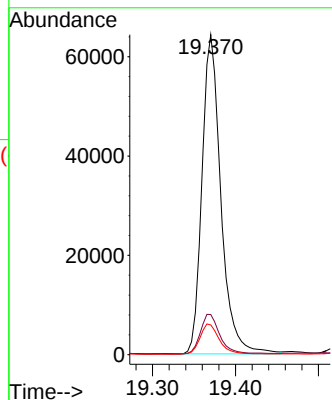
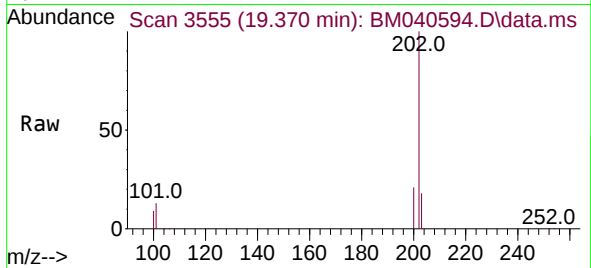




#19
Fluoranthene
Concen: 1.851 ng/ul
RT: 19.370 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

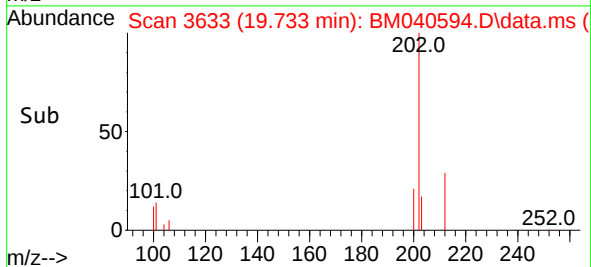
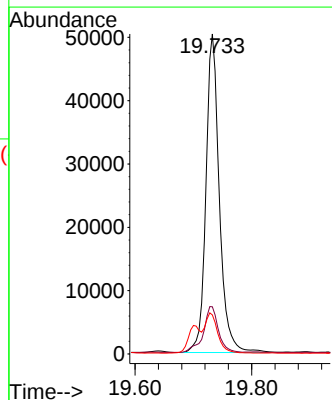
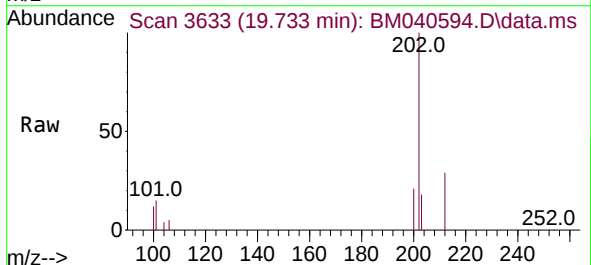
Instrument :
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ClientSampleId :
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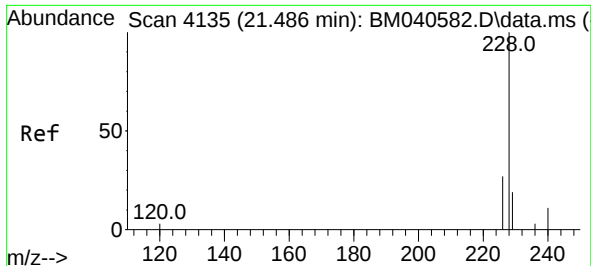
Tgt Ion:202 Resp: 102035
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.3 8.7 13.1



#20
Pyrene
Concen: 1.369 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:202 Resp: 80926
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.8 14.6

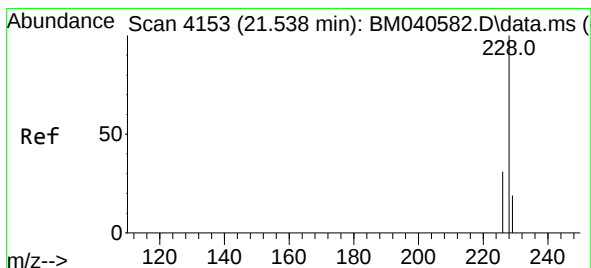
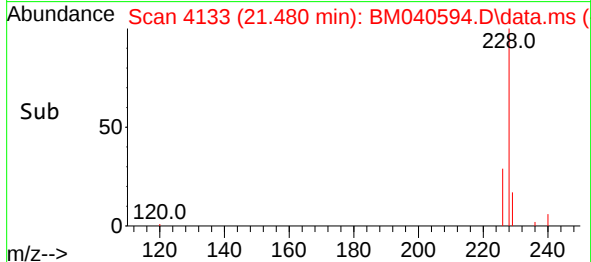
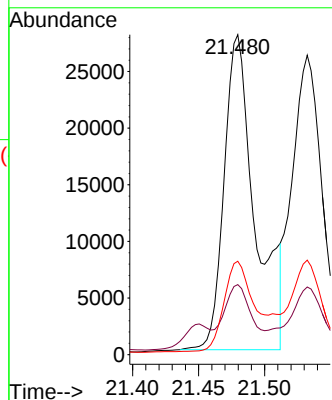
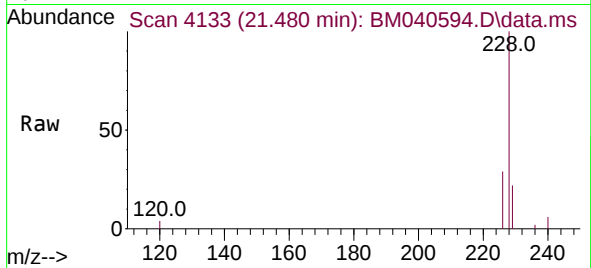




#21
Benzo(a)anthracene
Concen: 1.029 ng/ul
RT: 21.480 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

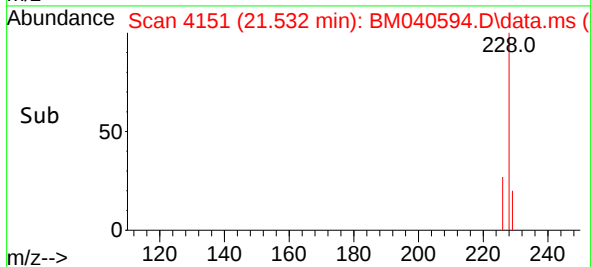
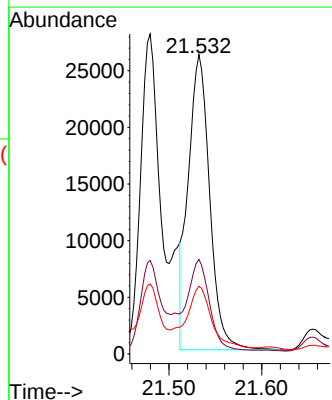
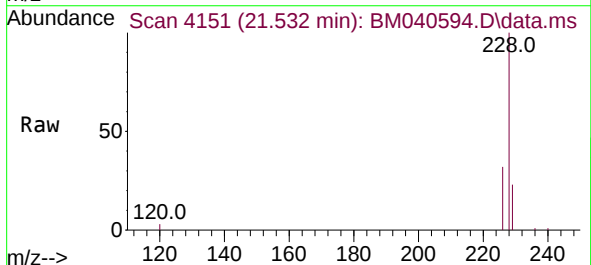
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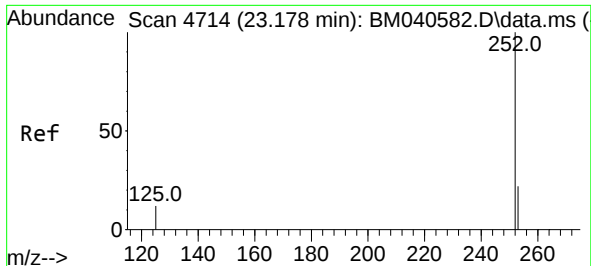
Tgt Ion:228 Resp: 45169
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.2 22.3 33.5



#22
Chrysene
Concen: 0.834 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:228 Resp: 41760
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.6 15.8 23.6

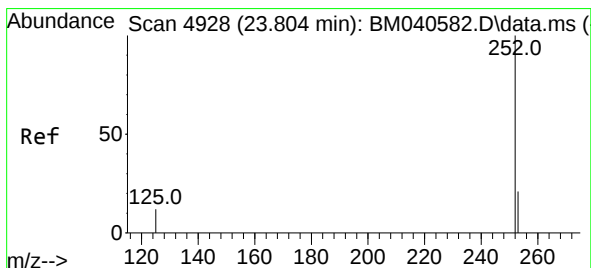
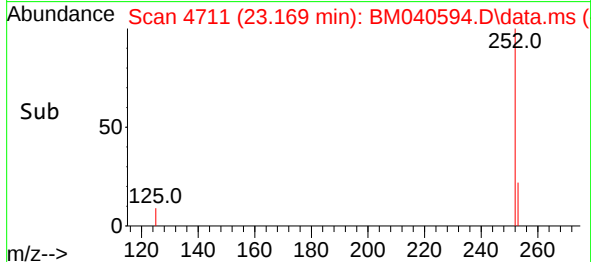
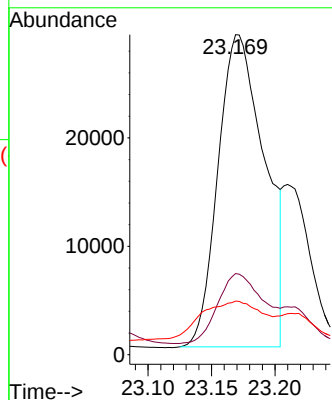
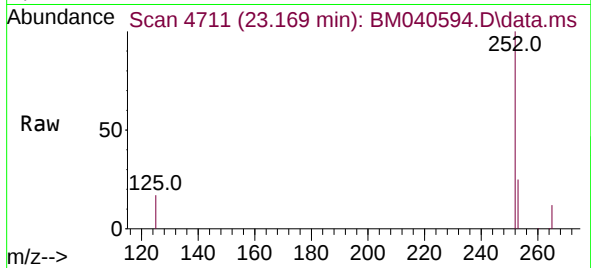




#24
Benzo(b)fluoranthene
Concen: 1.534 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

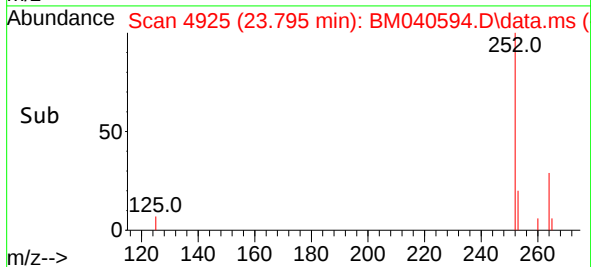
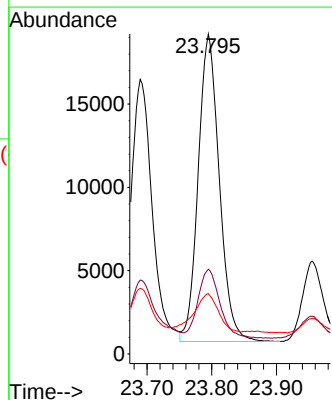
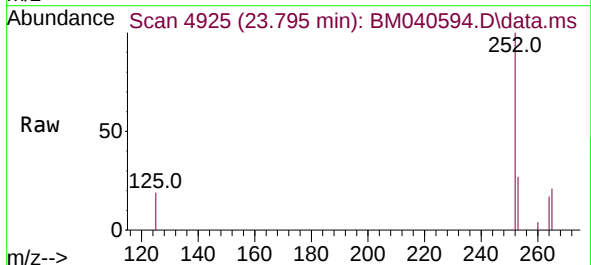
Instrument :
BNA_N
ClientSampleId :
DCFZ8DL

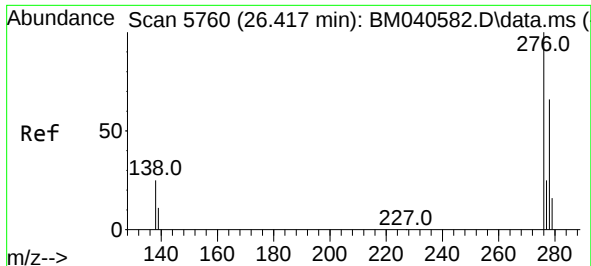
Tgt Ion:252 Resp: 73300
Ion Ratio Lower Upper
252 100
253 25.4 0.0 52.8
125 16.7 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.971 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:252 Resp: 41770
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 18.8 21.0 31.4#

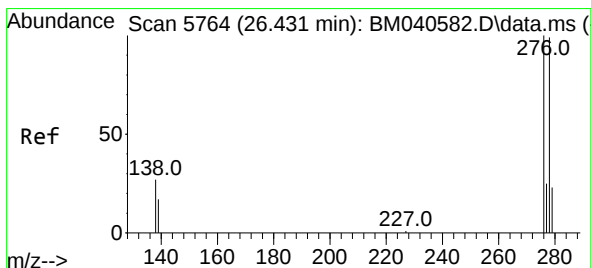
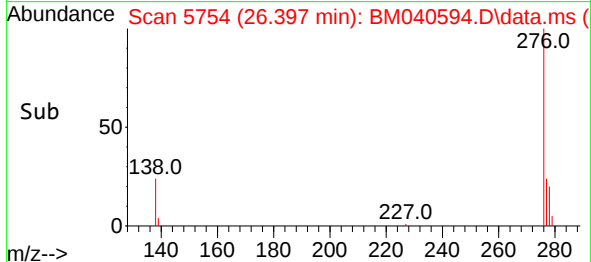
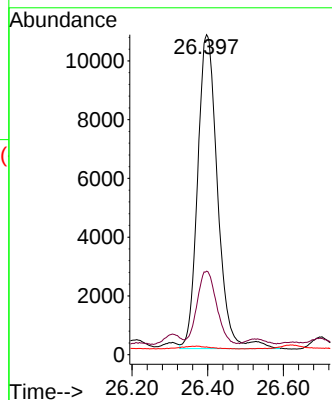
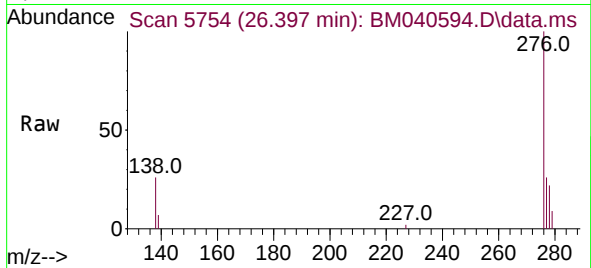




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.652 ng/ul
RT: 26.397 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

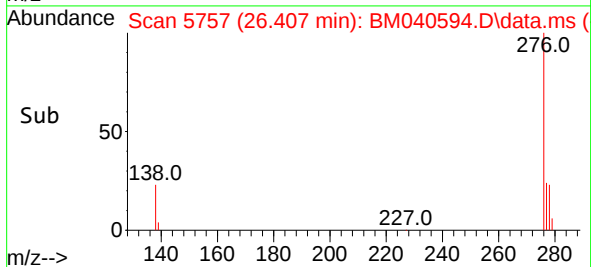
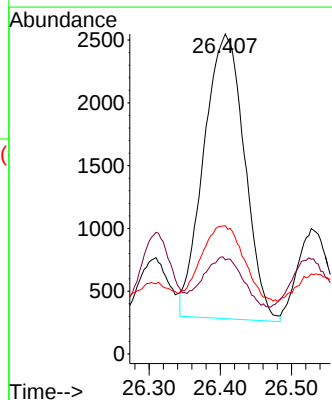
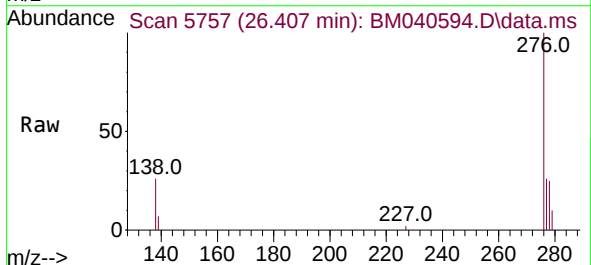
Instrument :
BNA_N
ClientSampleId :
DCFZ8DL

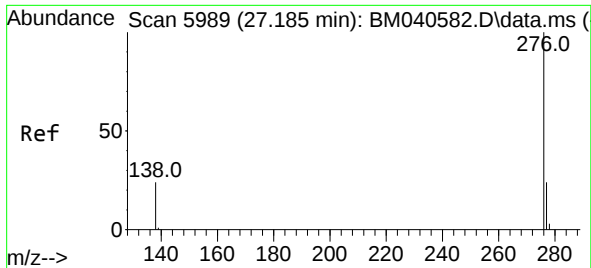
Tgt Ion:276 Resp: 39090
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:278 Resp: 9039
Ion Ratio Lower Upper
278 100
139 29.4 17.9 26.9#
279 40.1 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.666 ng/ul
 RT: 27.168 min Scan# 5984
 Delta R.T. -0.014 min
 Lab File: BM040594.D
 Acq: 04 Jul 2023 02:55

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ8DL

Tgt Ion:	276	Resp:	34981
Ion Ratio	Lower	Upper	
276	100		
138	26.9	23.0	34.6
277	25.3	20.3	30.5

