

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041798.D
 Acq On : 12 Sep 2023 03:34
 Operator : MA/JU
 Sample : 04235-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK0

Quant Time: Sep 12 04:53:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

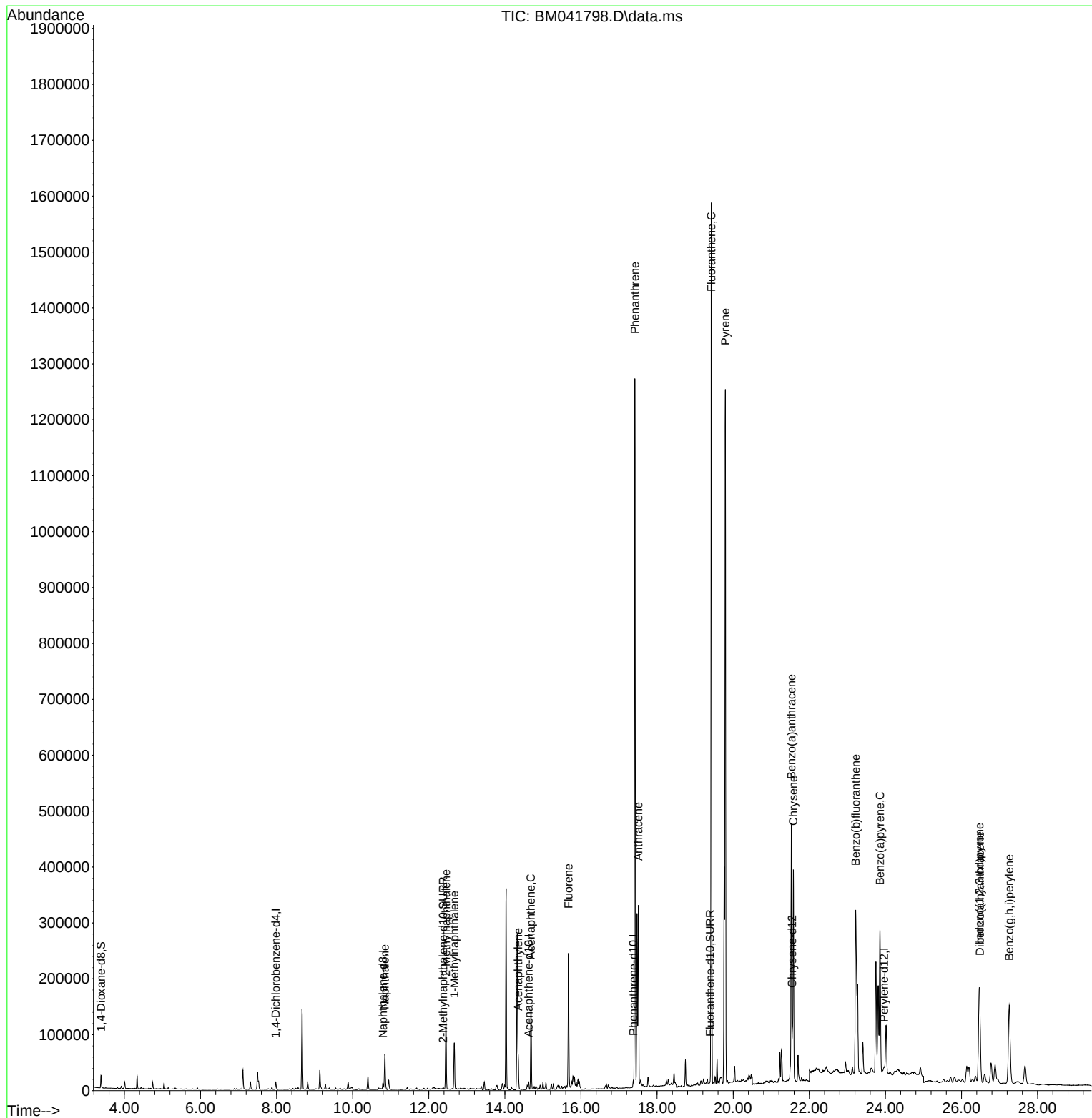
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	6024	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	14989	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	7193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	13556	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	5980	0.400	ng/ul	# 0.00
23) Perylene-d12	23.965	264	7804	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	12109	1.315	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	2191	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3344	0.115	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.845	128	84864	1.724	ng/ul	98
7) 2-Methylnaphthalene	12.451	142	81716	2.925	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	54539	1.943	ng/ul	100
10) Acenaphthylene	14.352	152	65860	1.482	ng/ul	99
11) Acenaphthene	14.685	153	86079	2.491	ng/ul	97
12) Fluorene	15.670	166	145733	3.760	ng/ul	99
15) Phenanthrene	17.417	178	1317343	23.015	ng/ul	99
16) Anthracene	17.506	178	342611	6.985	ng/ul	99
19) Fluoranthene	19.427	202	1273554	18.044	ng/ul	99
20) Pyrene	19.794	202	1005454	14.342	ng/ul	99
21) Benzo(a)anthracene	21.527	228	388927	7.975	ng/ul	98
22) Chrysene	21.580	228	370893	7.049	ng/ul	97
24) Benzo(b)fluoranthene	23.219	252	524265	7.508	ng/ul	95
26) Benzo(a)pyrene	23.857	252	377684	6.656	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.471	276	301179	3.869	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.481	278	69516	1.274	ng/ul#	74
29) Benzo(g,h,i)perylene	27.253	276	304627	4.417	ng/ul	97

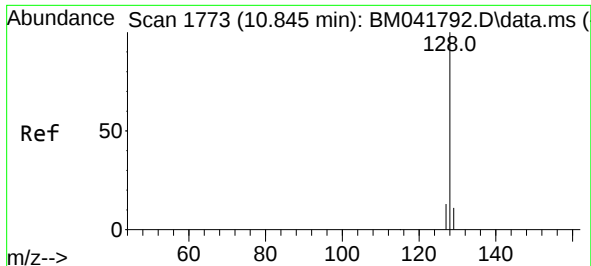
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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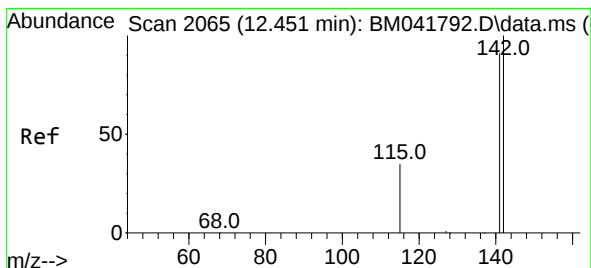
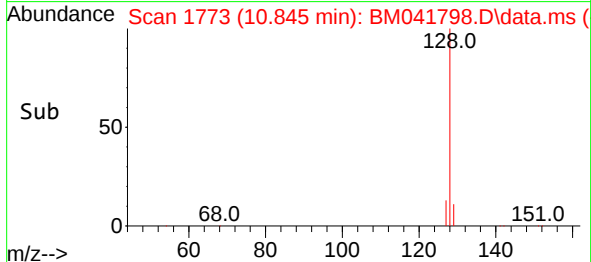
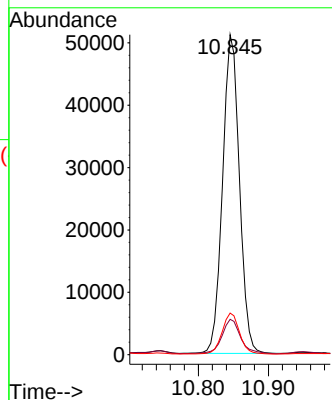
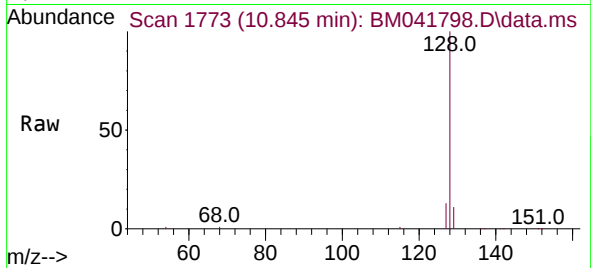




#5
Naphthalene
Concen: 1.724 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

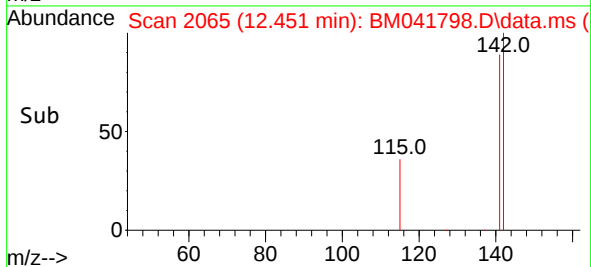
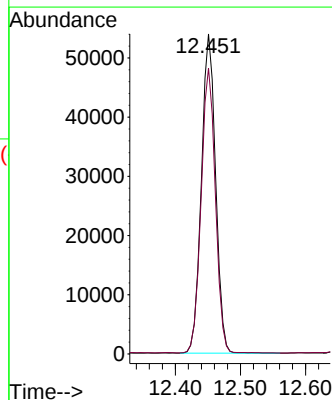
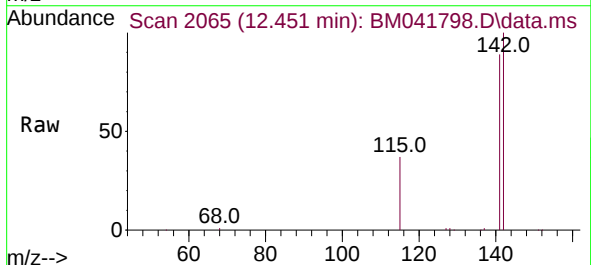
Instrument :
BNA_M
ClientSampleId :
EZYK0

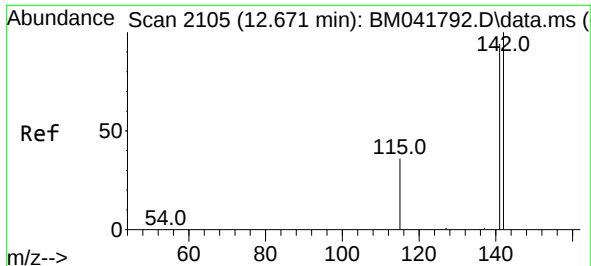
Tgt Ion:128 Resp: 84864
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.0 11.0 16.6



#7
2-Methylnaphthalene
Concen: 2.925 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

Tgt Ion:142 Resp: 81716
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2

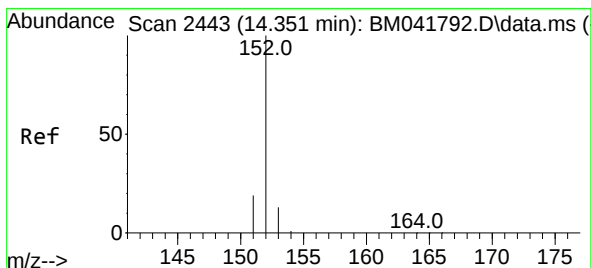
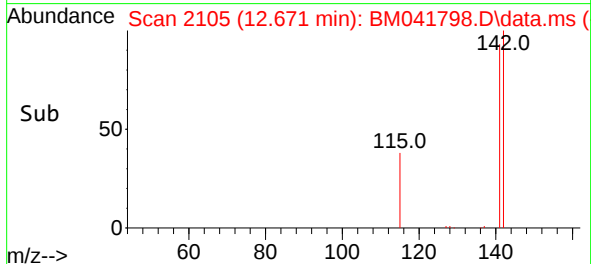
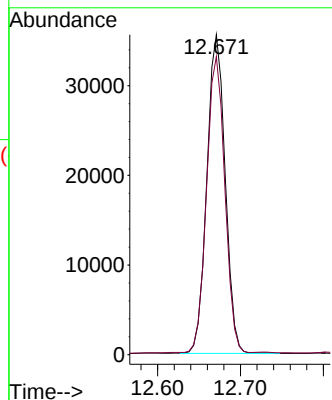
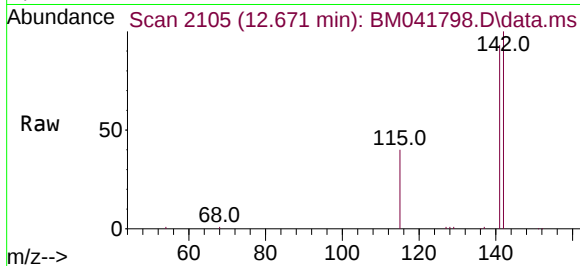




#8
1-Methylnaphthalene
Concen: 1.943 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

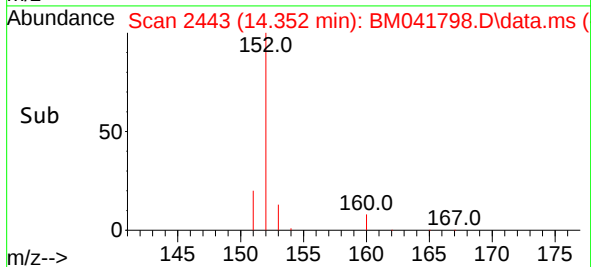
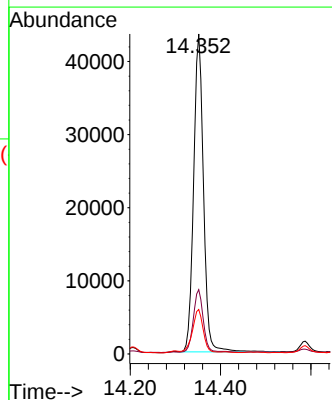
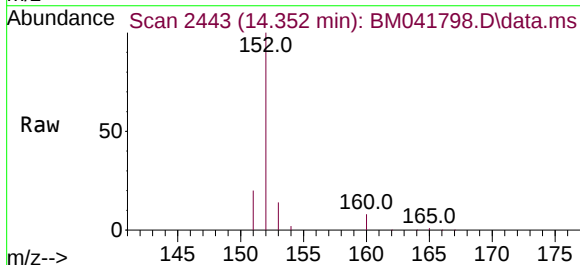
Instrument :
BNA_M
ClientSampleId :
EZYK0

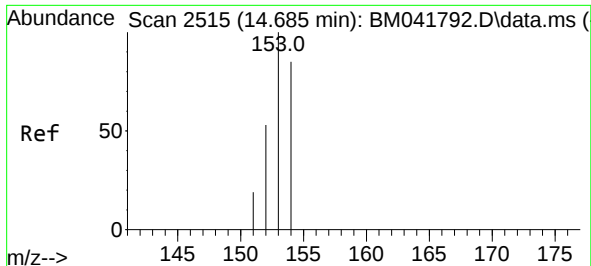
Tgt Ion:142 Resp: 54539
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6



#10
Acenaphthylene
Concen: 1.482 ng/ul
RT: 14.352 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

Tgt Ion:152 Resp: 65860
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.9 11.1 16.7

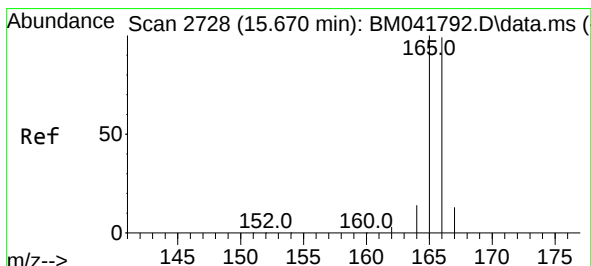
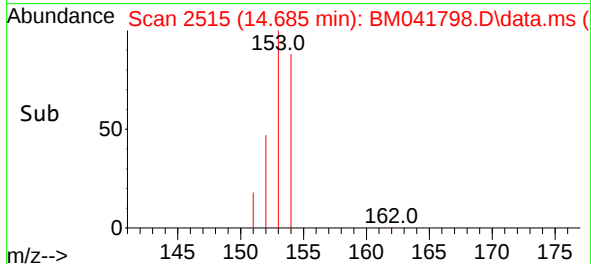
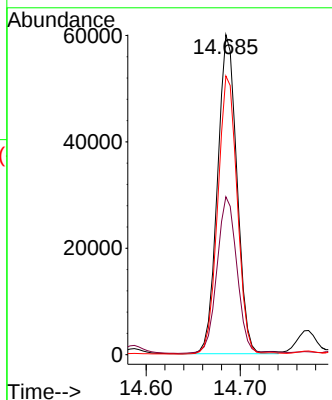
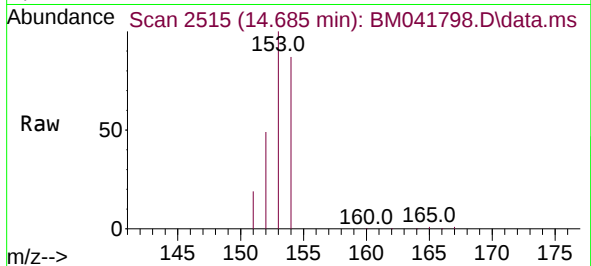




#11
Acenaphthene
Concen: 2.491 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

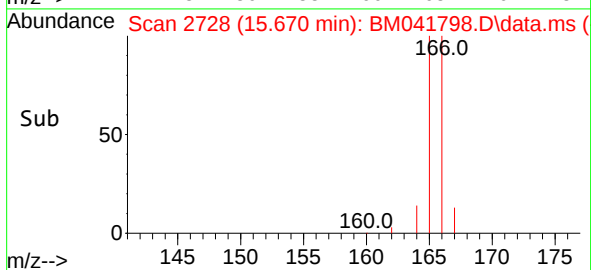
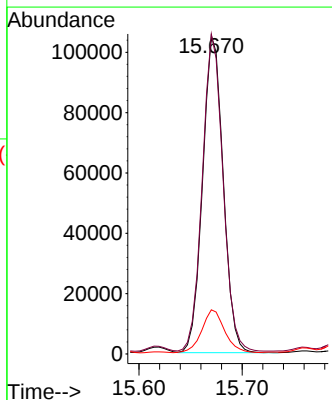
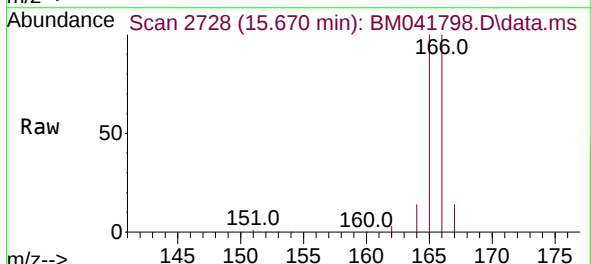
Instrument :
BNA_M
ClientSampleId :
EZYK0

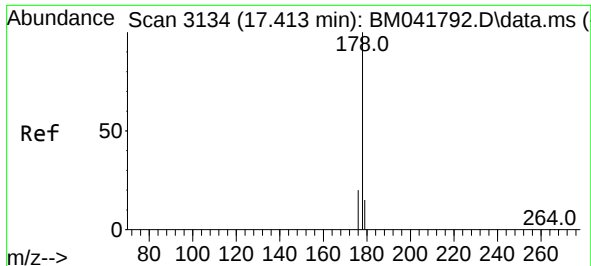
Tgt Ion:153 Resp: 86079
Ion Ratio Lower Upper
153 100
152 49.4 43.4 65.2
154 87.1 69.4 104.0



#12
Fluorene
Concen: 3.760 ng/ul
RT: 15.670 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

Tgt Ion:166 Resp: 145733
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 13.8 11.3 16.9

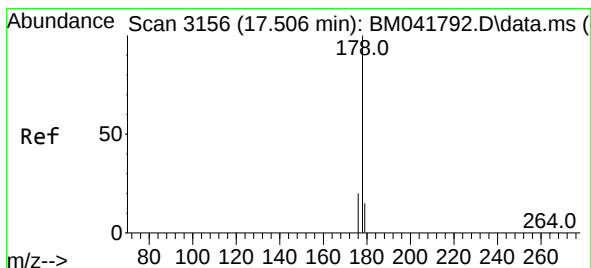
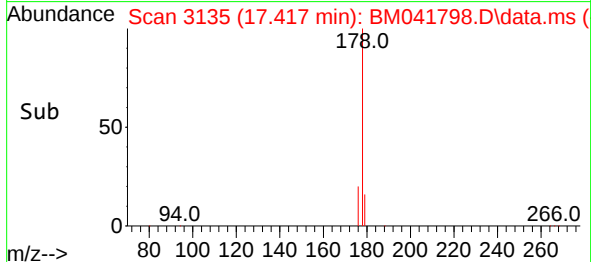
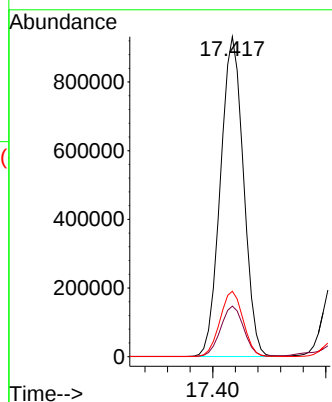
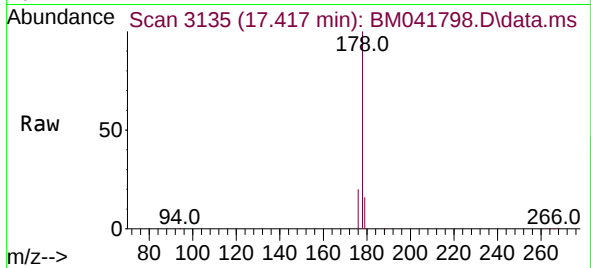




#15
Phenanthrene
Concen: 23.015 ng/ul
RT: 17.417 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

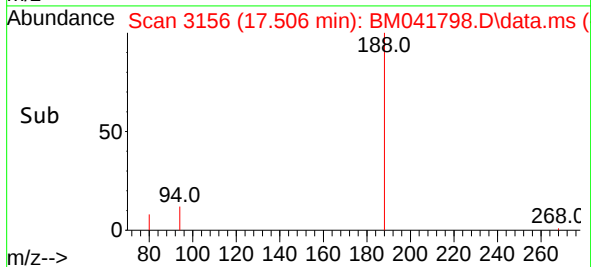
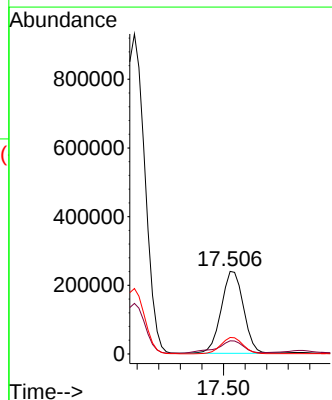
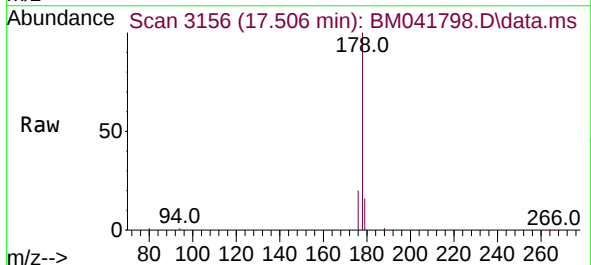
Instrument :
BNA_M
ClientSampleId :
EZYK0

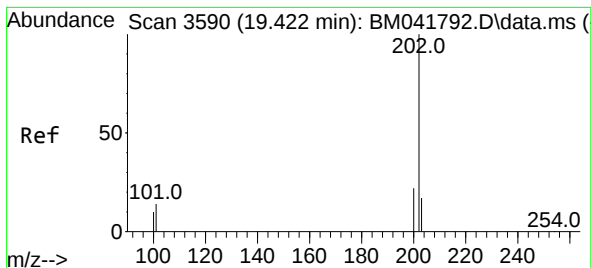
Tgt Ion:178 Resp: 1317343
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 20.5 16.9 25.3



#16
Anthracene
Concen: 6.985 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

Tgt Ion:178 Resp: 342611
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 20.0 15.8 23.8





#19

Fluoranthene

Concen: 18.044 ng/u1

RT: 19.427 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM041798.D

Acq: 12 Sep 2023 03:34

Instrument :

BNA_M

ClientSampleId :

EZYK0

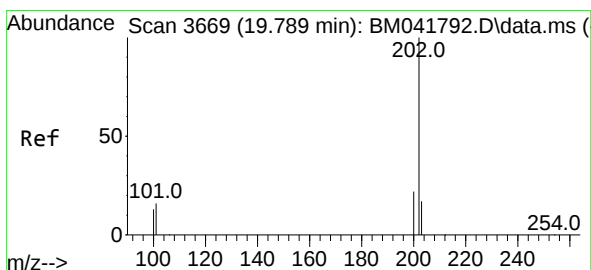
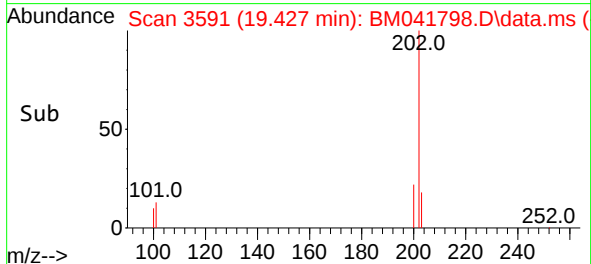
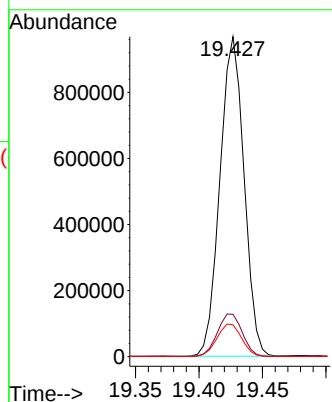
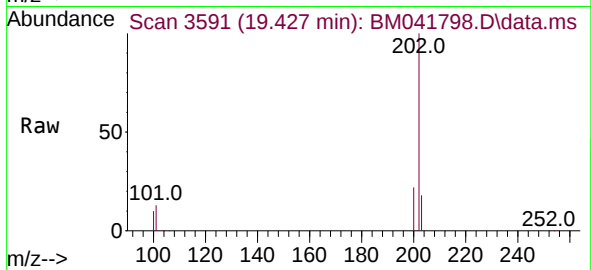
Tgt Ion:202 Resp: 1273554

Ion Ratio Lower Upper

202 100

101 13.3 10.5 15.7

100 10.0 8.4 12.6



#20

Pyrene

Concen: 14.342 ng/u1

RT: 19.794 min Scan# 3670

Delta R.T. 0.005 min

Lab File: BM041798.D

Acq: 12 Sep 2023 03:34

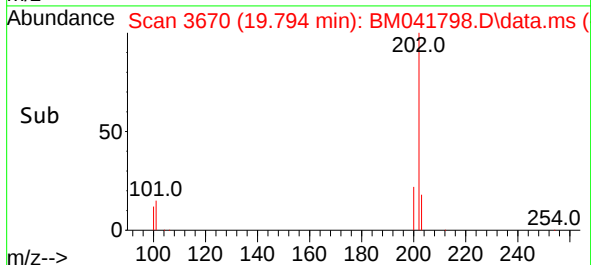
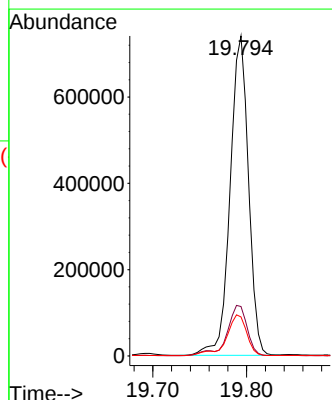
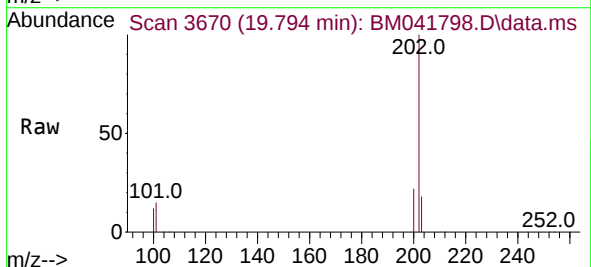
Tgt Ion:202 Resp: 1005454

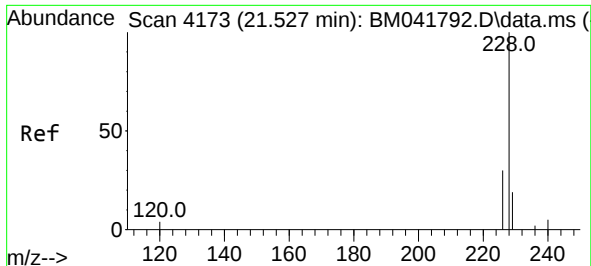
Ion Ratio Lower Upper

202 100

101 15.4 11.8 17.8

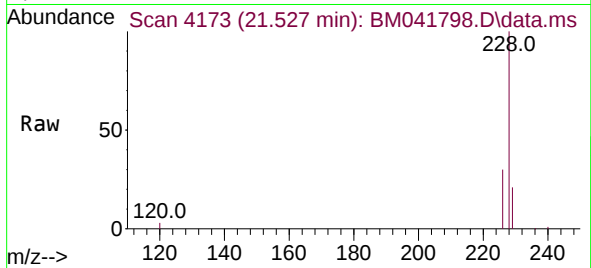
100 12.2 9.8 14.6



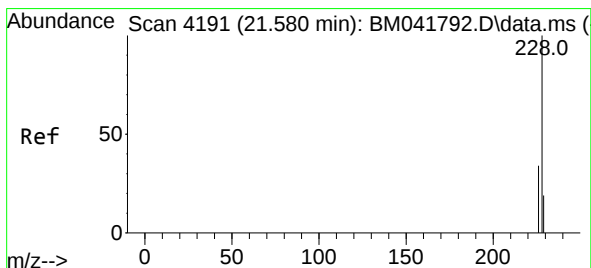
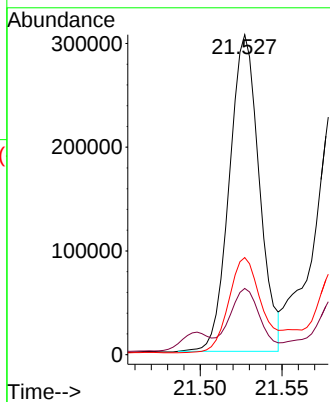
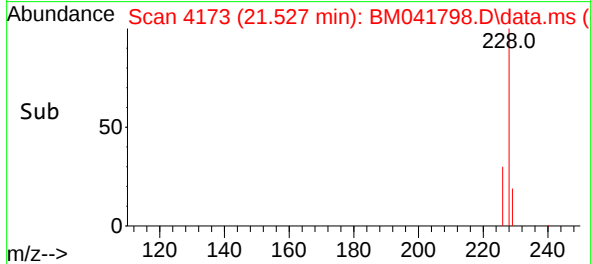


#21
Benzo(a)anthracene
Concen: 7.975 ng/u1
RT: 21.527 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

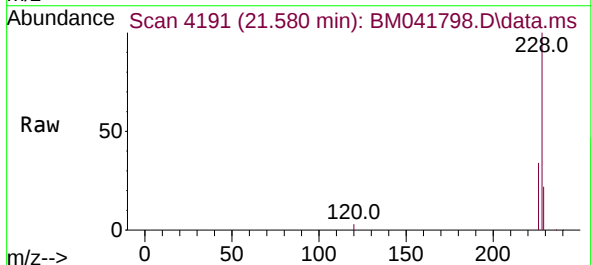
Instrument :
BNA_M
ClientSampleId :
EZYK0



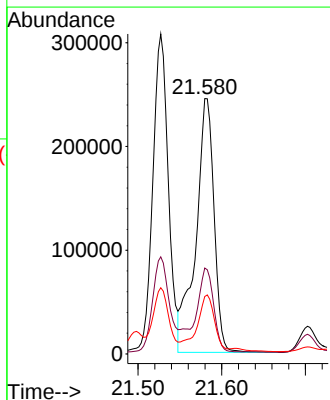
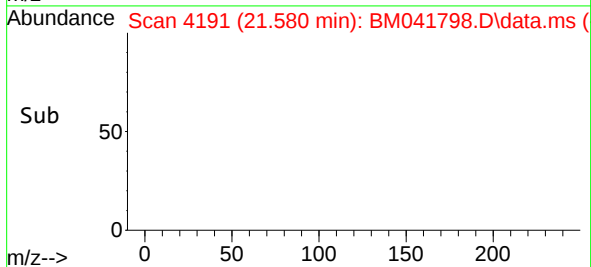
Tgt Ion:228 Resp: 388927
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 30.3 24.8 37.2

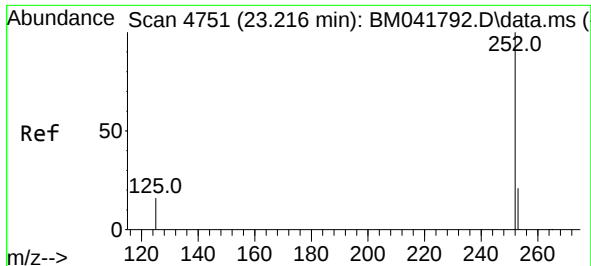


#22
Chrysene
Concen: 7.049 ng/u1
RT: 21.580 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34



Tgt Ion:228 Resp: 370893
Ion Ratio Lower Upper
228 100
226 33.6 27.0 40.6
229 22.5 15.4 23.2

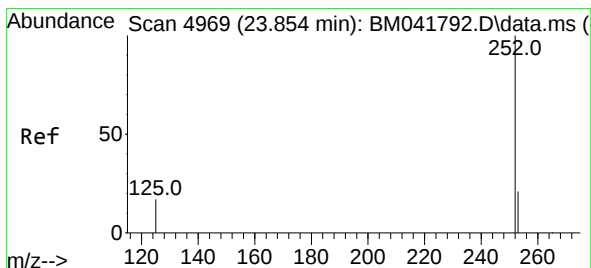
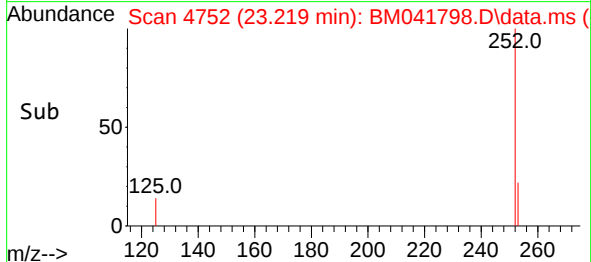
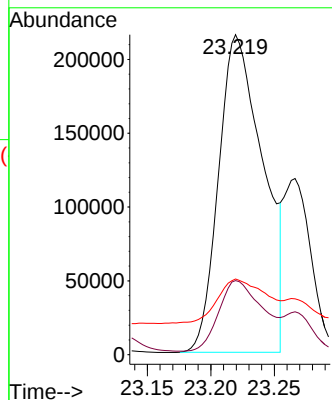
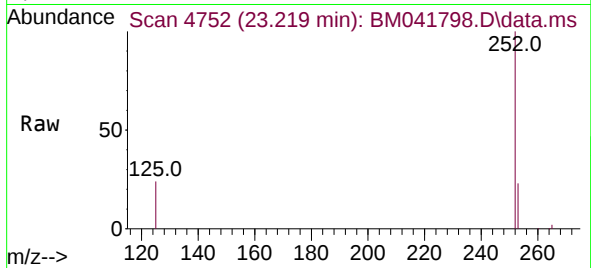




#24
Benzo(b)fluoranthene
Concen: 7.508 ng/u1
RT: 23.219 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

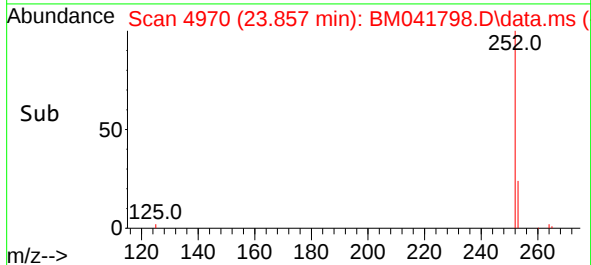
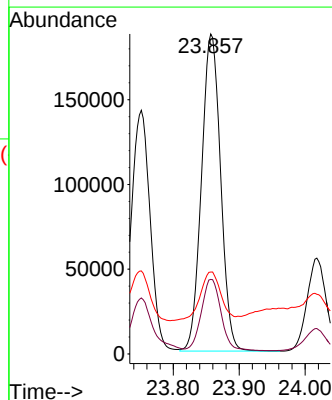
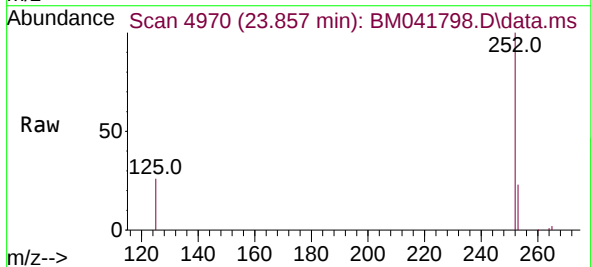
Instrument :
BNA_M
ClientSampleId :
EZYK0

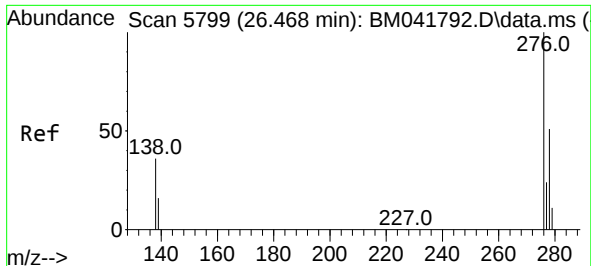
Tgt Ion:252 Resp: 524265
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.4
125 23.7 0.0 42.8



#26
Benzo(a)pyrene
Concen: 6.656 ng/u1
RT: 23.857 min Scan# 4970
Delta R.T. 0.003 min
Lab File: BM041798.D
Acq: 12 Sep 2023 03:34

Tgt Ion:252 Resp: 377684
Ion Ratio Lower Upper
252 100
253 23.3 22.4 33.6
125 25.6 21.0 31.4

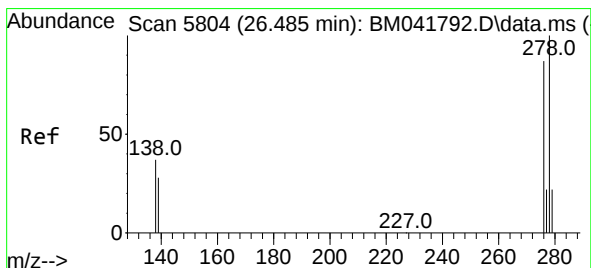
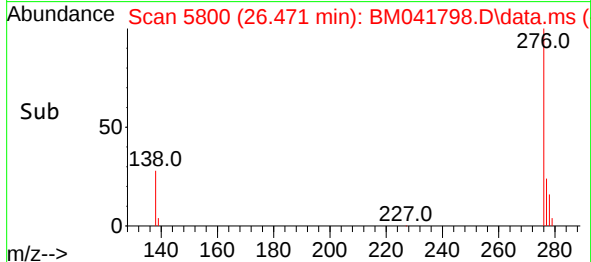
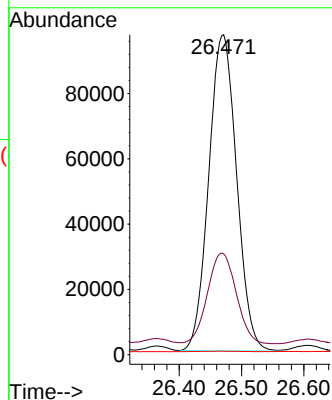
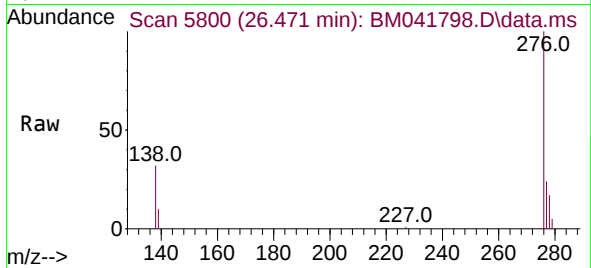




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.869 ng/ul
 RT: 26.471 min Scan# 5799
 Delta R.T. 0.003 min
 Lab File: BM041798.D
 Acq: 12 Sep 2023 03:34

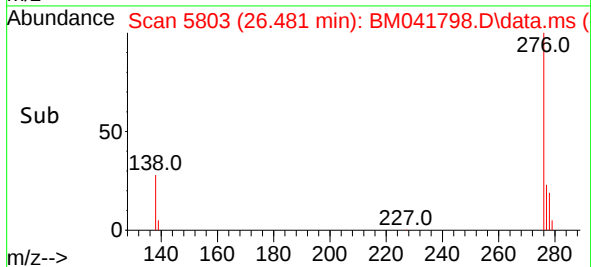
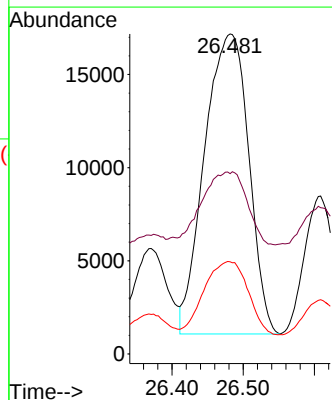
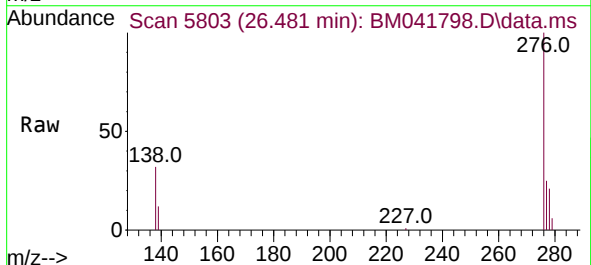
Instrument :
 BNA_M
 ClientSampleId :
 EZYK0

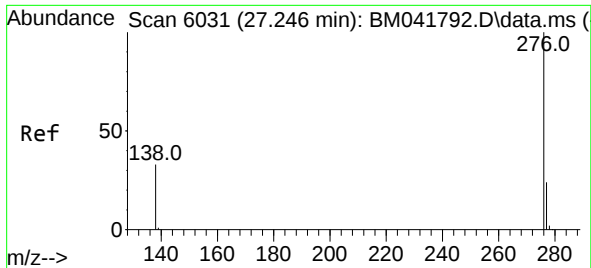
Tgt Ion:276 Resp: 301179
 Ion Ratio Lower Upper
 276 100
 138 29.5 26.4 39.6
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.274 ng/ul
 RT: 26.481 min Scan# 5803
 Delta R.T. -0.003 min
 Lab File: BM041798.D
 Acq: 12 Sep 2023 03:34

Tgt Ion:278 Resp: 69516
 Ion Ratio Lower Upper
 278 100
 139 56.4 23.0 34.6#
 279 28.8 22.9 34.3





#29
 Benzo(g,h,i)perylene
 Concen: 4.417 ng/ul
 RT: 27.253 min Scan# 6033
 Delta R.T. 0.007 min
 Lab File: BM041798.D
 Acq: 12 Sep 2023 03:34

Instrument :
 BNA_M
 ClientSampleId :
 EZYK0

Tgt Ion:276 Resp: 304627
 Ion Ratio Lower Upper
 276 100
 138 33.3 25.0 37.4
 277 24.2 20.2 30.2

