

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041799.D
 Acq On : 12 Sep 2023 04:11
 Operator : MA/JU
 Sample : 04235-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK1

Quant Time: Sep 12 04:53:35 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)

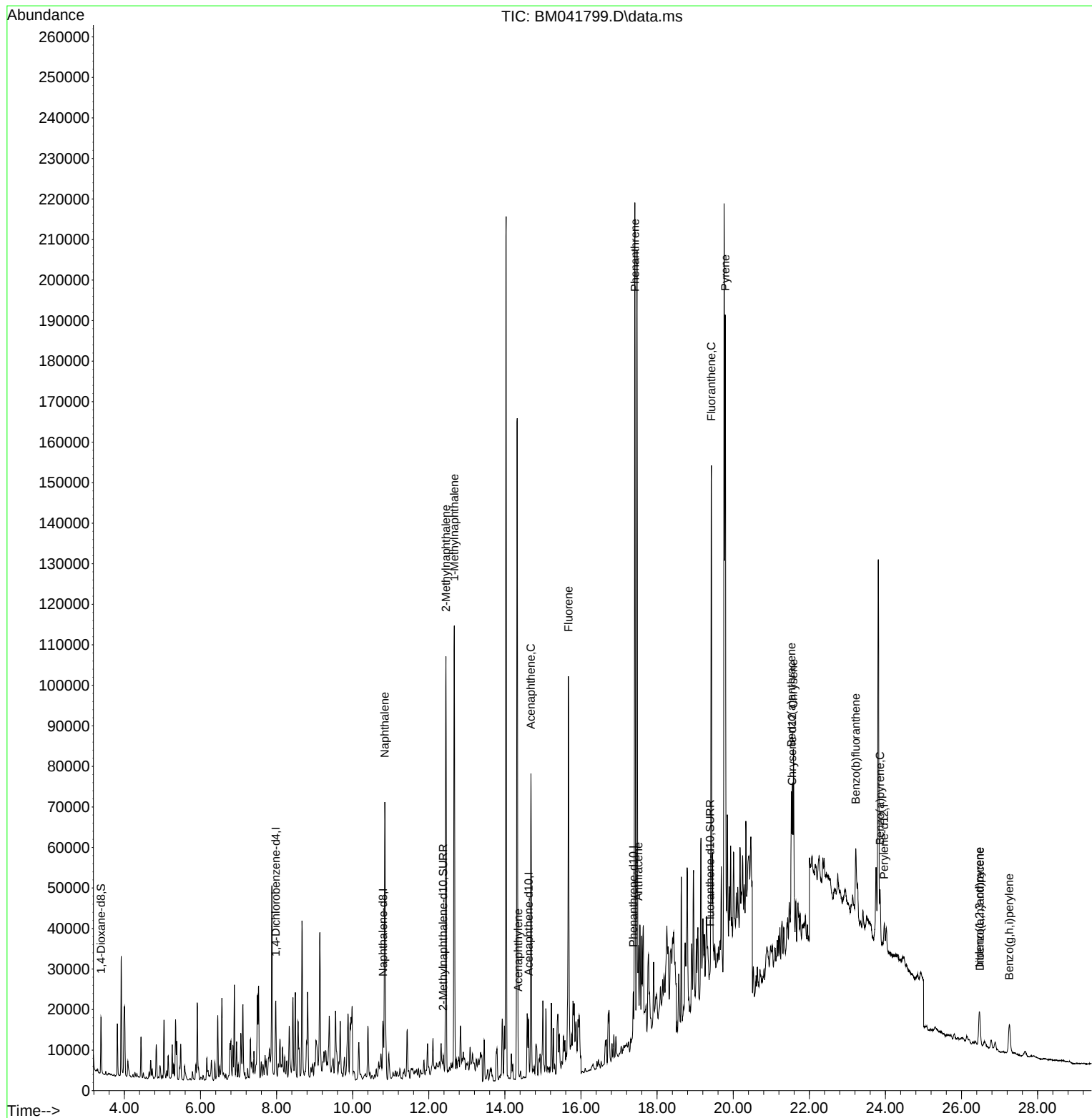
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	6606	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.796	136	16190	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.624	164	7742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	13543	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	6632	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	7468	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	7730	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	1510	0.072	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	2051	0.064	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.845	128	93714	1.763	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	69632	2.307	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	70100	2.312	ng/ul	100
10) Acenaphthylene	14.347	152	5212	0.109	ng/ul#	55
11) Acenaphthene	14.685	153	41781	1.123	ng/ul	98
12) Fluorene	15.670	166	58740	1.408	ng/ul	98
15) Phenanthrene	17.417	178	215896	3.775	ng/ul	98
16) Anthracene	17.506	178	24073	0.491	ng/ul#	87
19) Fluoranthene	19.427	202	114976	1.469	ng/ul	98
20) Pyrene	19.794	202	127880	1.645	ng/ul#	95
21) Benzo(a)anthracene	21.527	228	27896	0.516	ng/ul#	57
22) Chrysene	21.583	228	34084	0.584	ng/ul#	62
24) Benzo(b)fluoranthene	23.222	252	30217	0.452	ng/ul#	1
26) Benzo(a)pyrene	23.860	252	19555	0.360	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	13894	0.187	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.481	278	3982	0.076	ng/ul#	1
29) Benzo(g,h,i)perylene	27.256	276	15322	0.232	ng/ul#	51

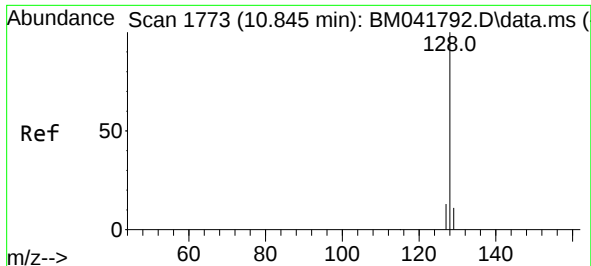
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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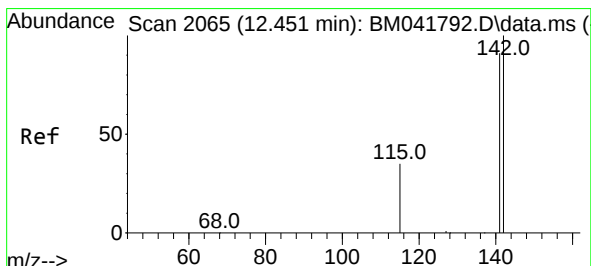
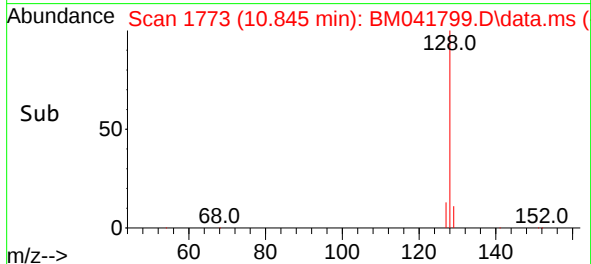
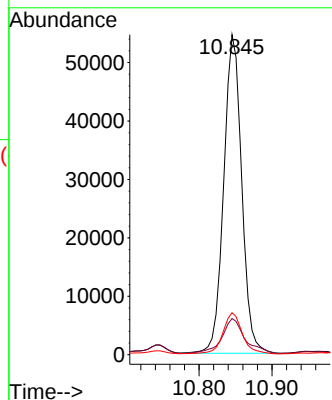
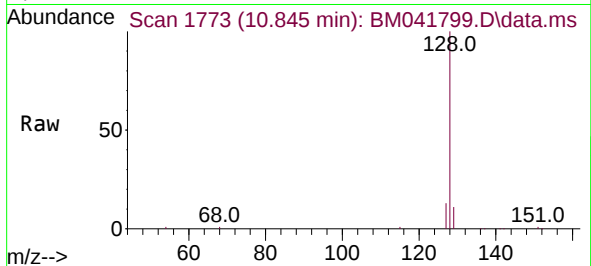




#5
Naphthalene
Concen: 1.763 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

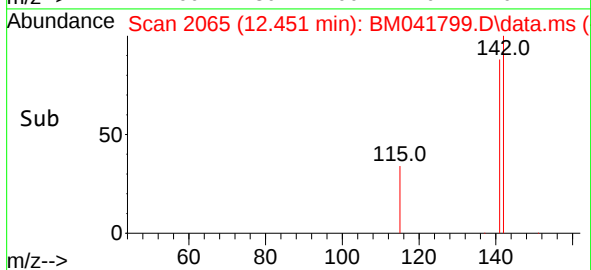
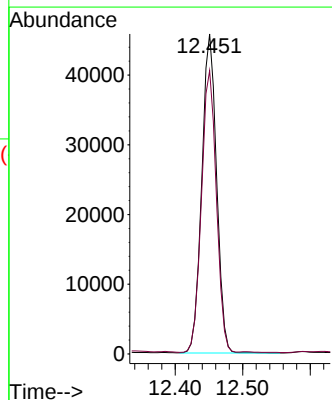
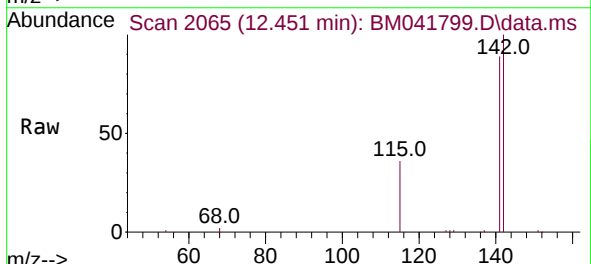
Instrument :
BNA_M
ClientSampleId :
EZYK1

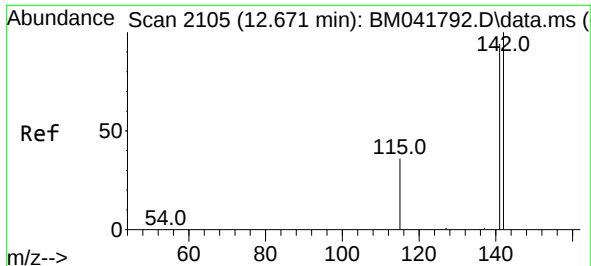
Tgt Ion:128 Resp: 93714
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.1 11.0 16.6



#7
2-Methylnaphthalene
Concen: 2.307 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

Tgt Ion:142 Resp: 69632
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2

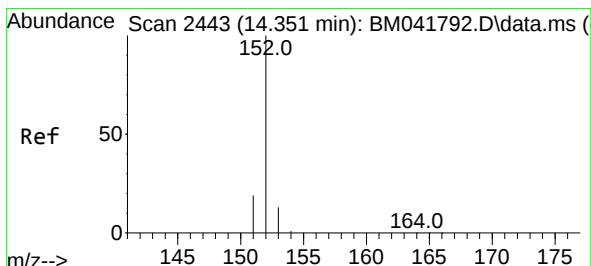
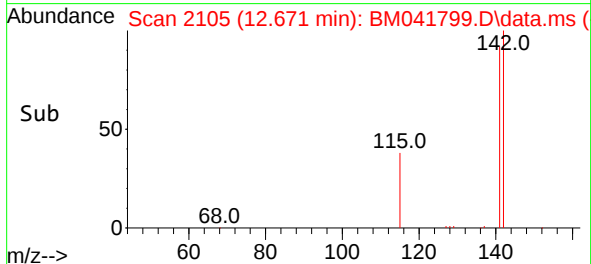
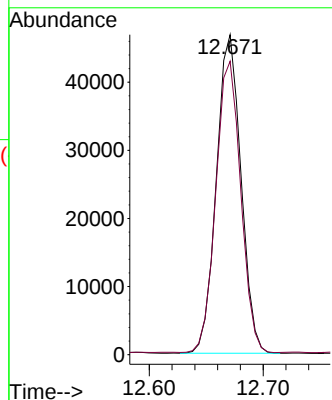
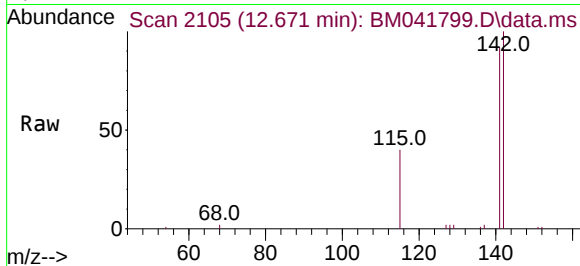




#8
1-Methylnaphthalene
Concen: 2.312 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

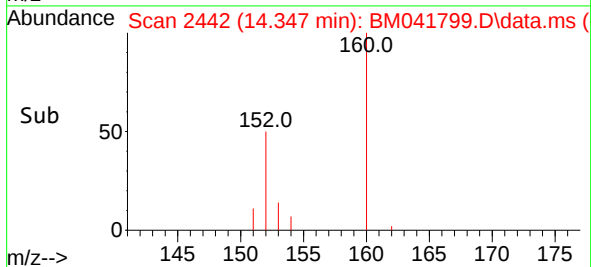
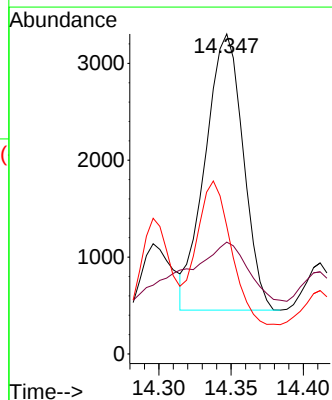
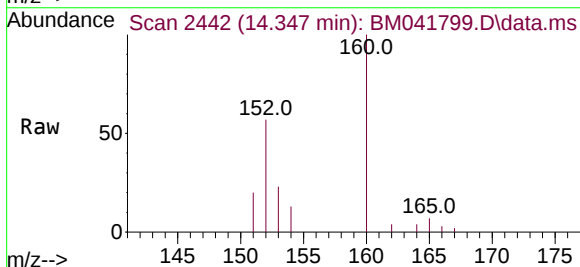
Instrument :
BNA_M
ClientSampleId :
EZYK1

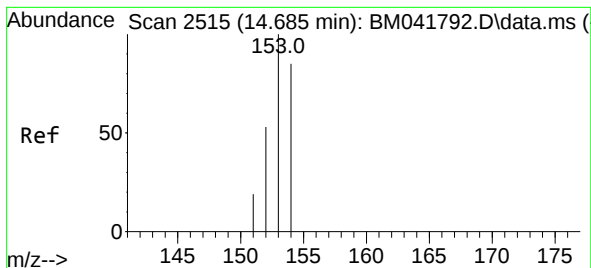
Tgt Ion:142 Resp: 70100
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

Tgt Ion:152 Resp: 5212
Ion Ratio Lower Upper
152 100
151 35.0 16.4 24.6#
153 39.9 11.1 16.7#





#11

Acenaphthene

Concen: 1.123 ng/ul

RT: 14.685 min Scan# 2515

Delta R.T. 0.000 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

Instrument :

BNA_M

ClientSampleId :

EZYK1

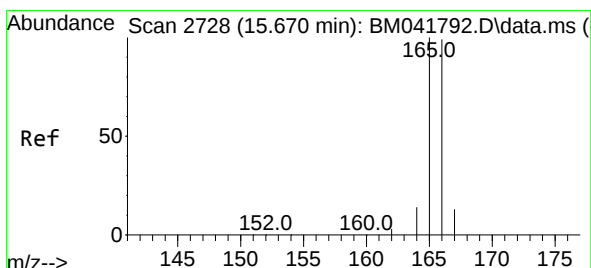
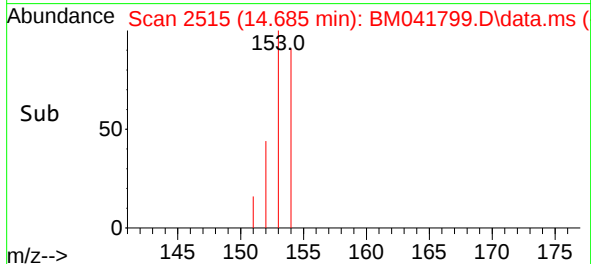
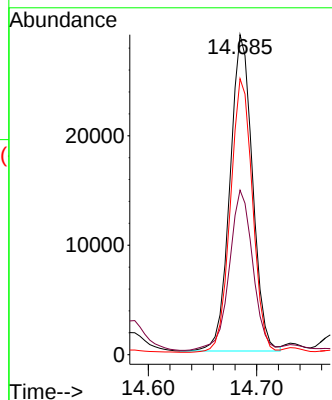
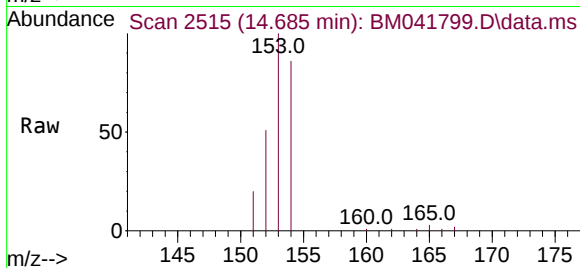
Tgt Ion:153 Resp: 41781

Ion Ratio Lower Upper

153 100

152 51.4 43.4 65.2

154 86.3 69.4 104.0



#12

Fluorene

Concen: 1.408 ng/ul

RT: 15.670 min Scan# 2728

Delta R.T. 0.000 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

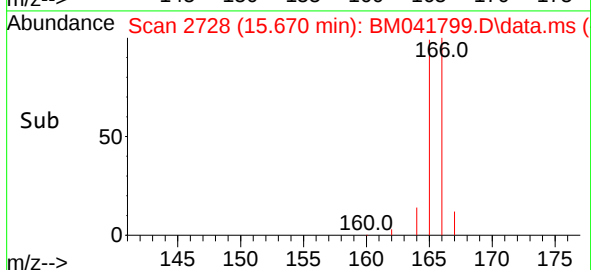
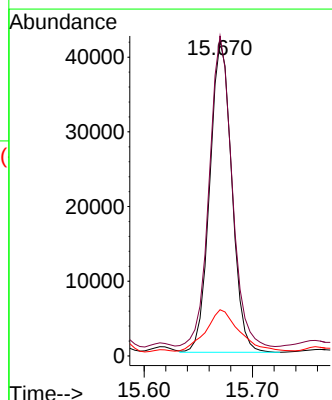
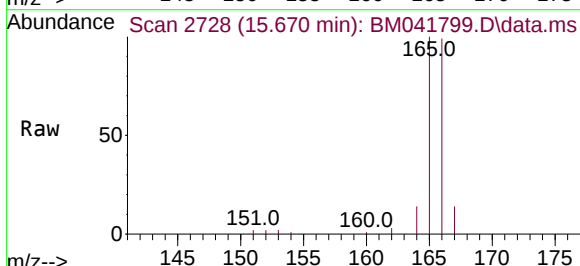
Tgt Ion:166 Resp: 58740

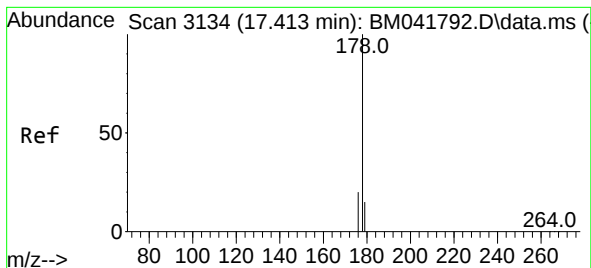
Ion Ratio Lower Upper

166 100

165 101.5 79.4 119.2

167 14.7 11.3 16.9





#15

Phenanthrene

Concen: 3.775 ng/ul

RT: 17.417 min Scan# 3134

Delta R.T. 0.004 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

Instrument :

BNA_M

ClientSampleId :

EZYK1

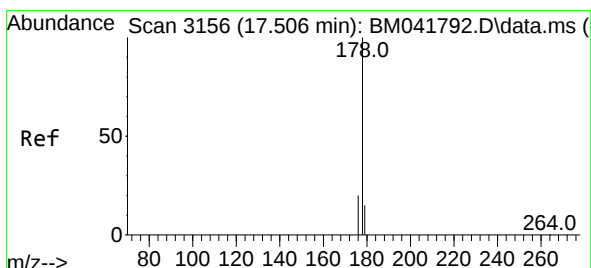
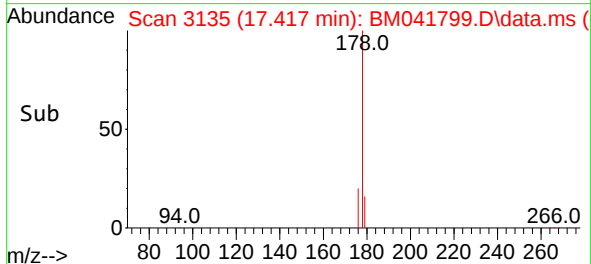
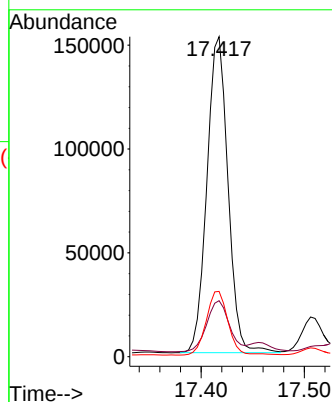
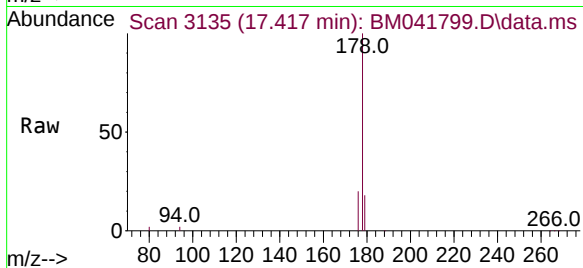
Tgt Ion:178 Resp: 215896

Ion Ratio Lower Upper

178 100

179 17.5 12.9 19.3

176 20.4 16.9 25.3



#16

Anthracene

Concen: 0.491 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

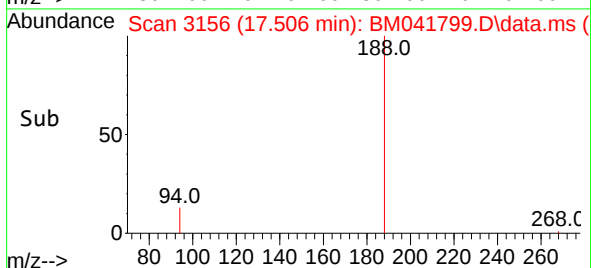
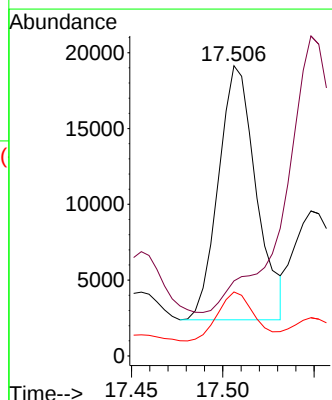
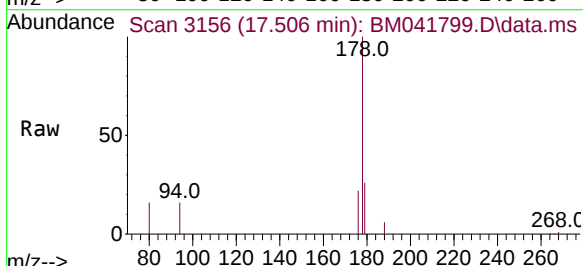
Tgt Ion:178 Resp: 24073

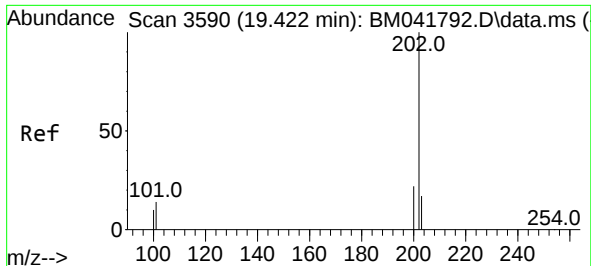
Ion Ratio Lower Upper

178 100

179 25.9 12.9 19.3#

176 22.0 15.8 23.8

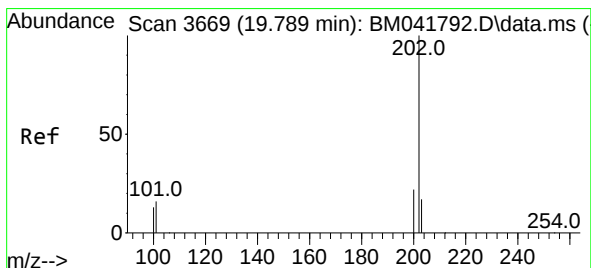
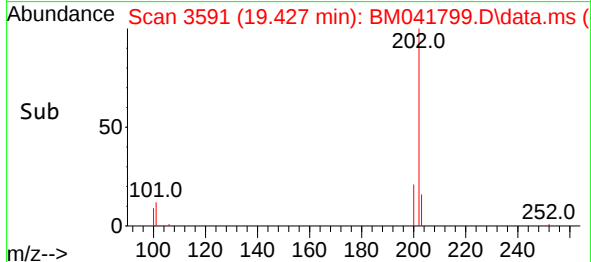
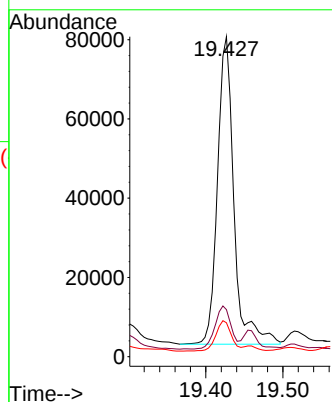
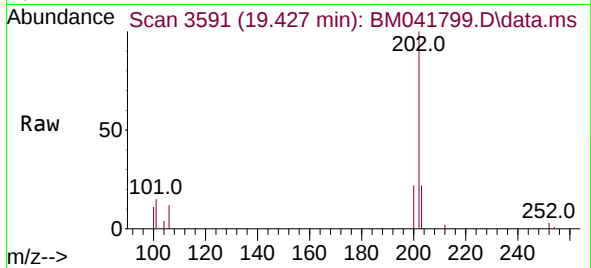




#19
Fluoranthene
Concen: 1.469 ng/ul
RT: 19.427 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

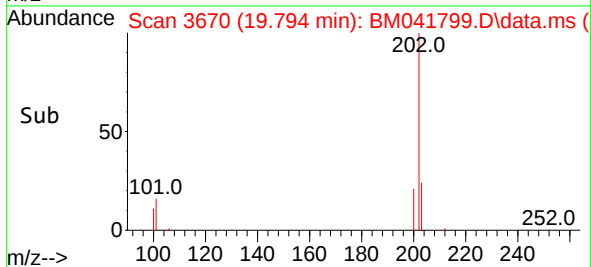
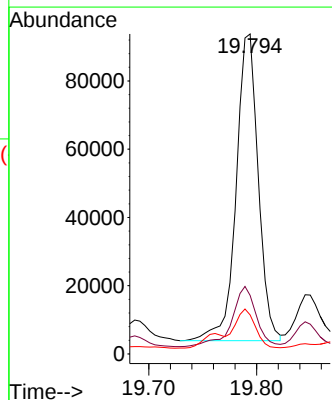
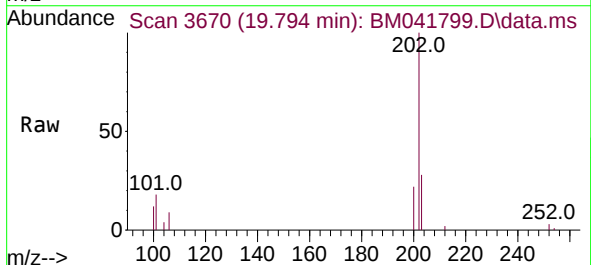
Instrument :
BNA_M
ClientSampleId :
EZYK1

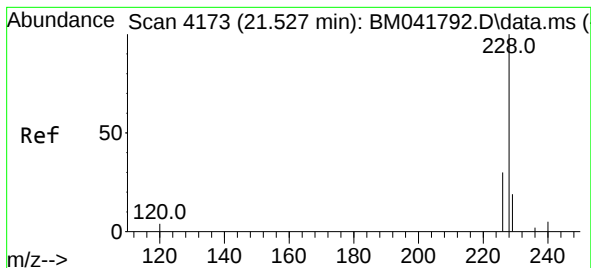
Tgt Ion:202 Resp: 114976
Ion Ratio Lower Upper
202 100
101 14.7 10.5 15.7
100 10.6 8.4 12.6



#20
Pyrene
Concen: 1.645 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. 0.005 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

Tgt Ion:202 Resp: 127880
Ion Ratio Lower Upper
202 100
101 18.3 11.8 17.8#
100 12.2 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.516 ng/ul

RT: 21.527 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BM041799.D

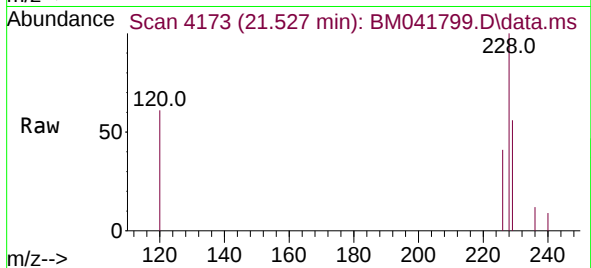
Acq: 12 Sep 2023 04:11

Instrument :

BNA_M

ClientSampleId :

EZYK1



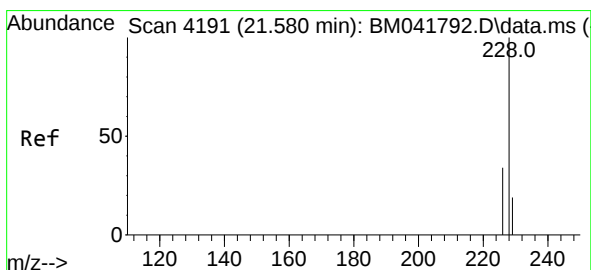
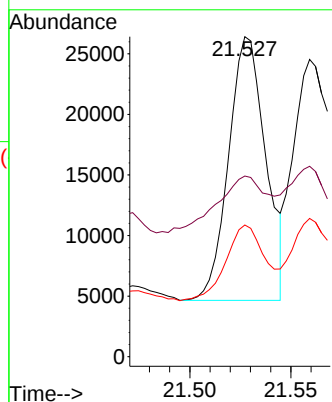
Tgt Ion:228 Resp: 27896

Ion Ratio Lower Upper

228 100

229 56.5 15.8 23.6#

226 41.1 24.8 37.2#



#22

Chrysene

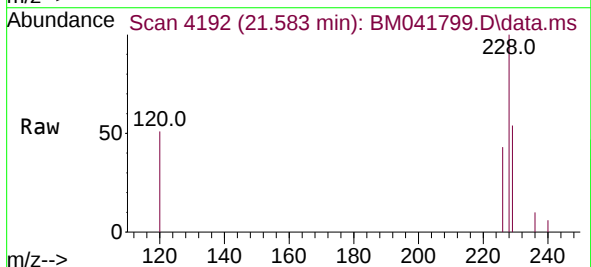
Concen: 0.584 ng/ul

RT: 21.583 min Scan# 4192

Delta R.T. 0.003 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11



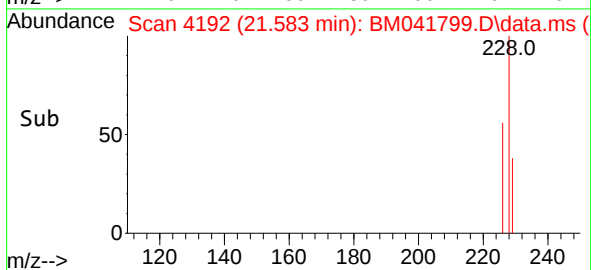
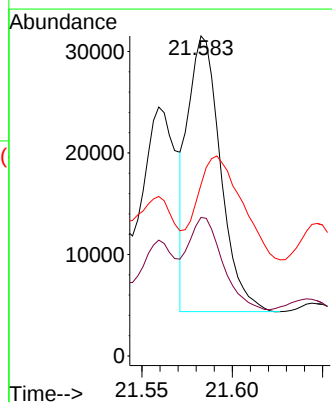
Tgt Ion:228 Resp: 34084

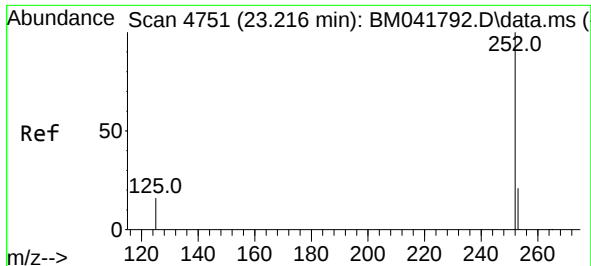
Ion Ratio Lower Upper

228 100

226 43.3 27.0 40.6#

229 53.5 15.4 23.2#

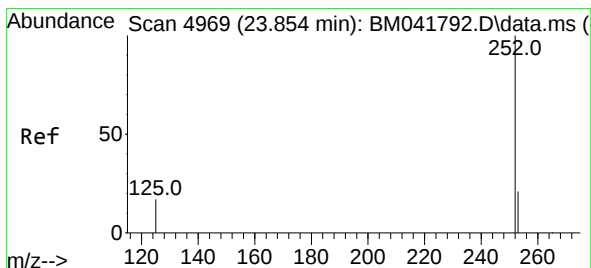
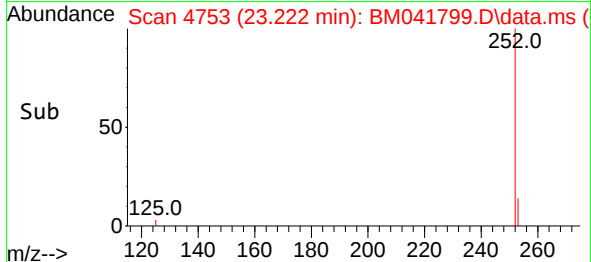
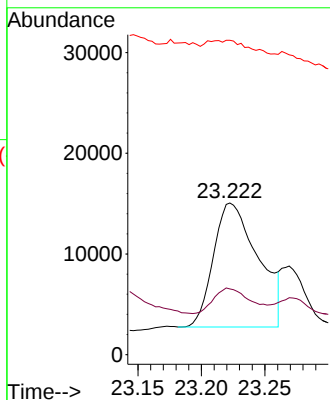
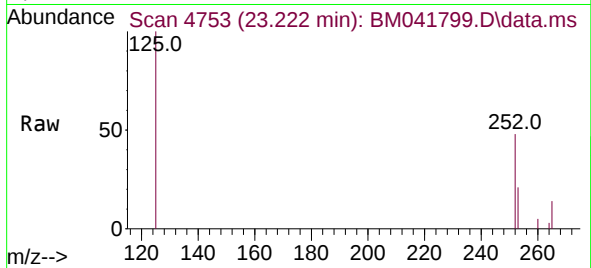




#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.222 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

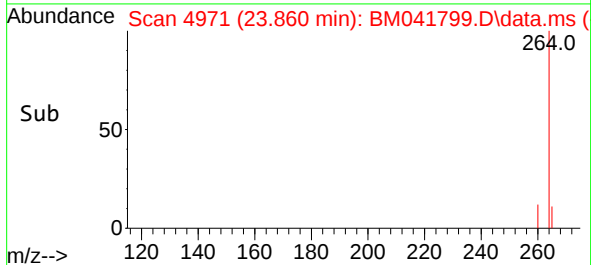
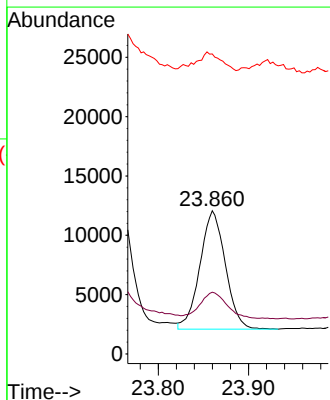
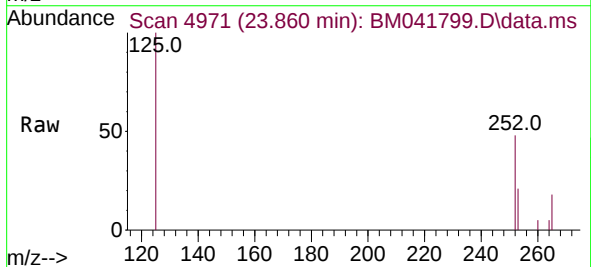
Instrument :
BNA_M
ClientSampleId :
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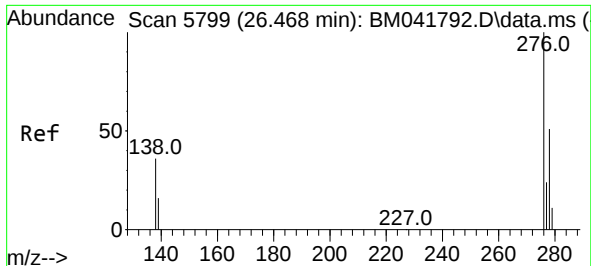
Tgt Ion:252 Resp: 30217
Ion Ratio Lower Upper
252 100
253 43.3 0.0 52.4
125 207.2 0.0 42.8#



#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.860 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM041799.D
Acq: 12 Sep 2023 04:11

Tgt Ion:252 Resp: 19555
Ion Ratio Lower Upper
252 100
253 43.2 22.4 33.6#
125 209.6 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.187 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. 0.003 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

Instrument :

BNA_M

ClientSampleId :

EZYK1

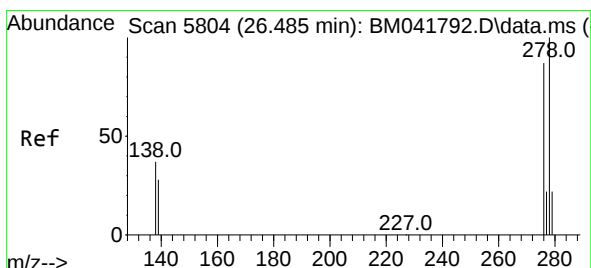
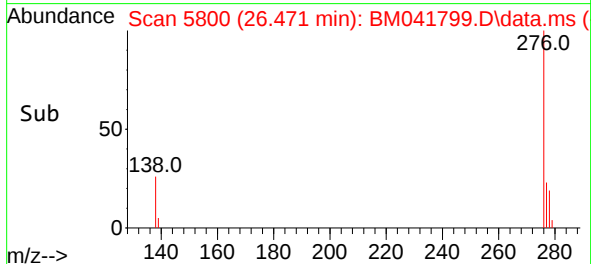
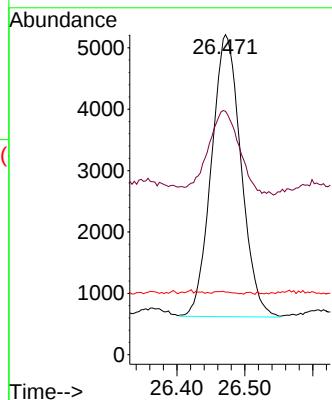
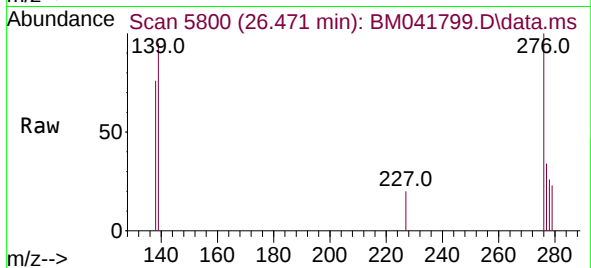
Tgt Ion:276 Resp: 13894

Ion Ratio Lower Upper

276 100

138 32.2 26.4 39.6

227 0.5 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.076 ng/ul

RT: 26.481 min Scan# 5803

Delta R.T. -0.003 min

Lab File: BM041799.D

Acq: 12 Sep 2023 04:11

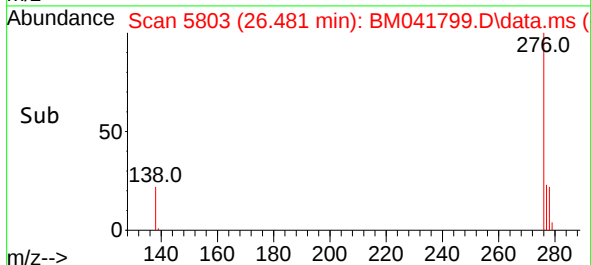
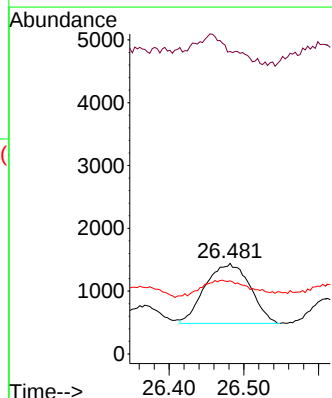
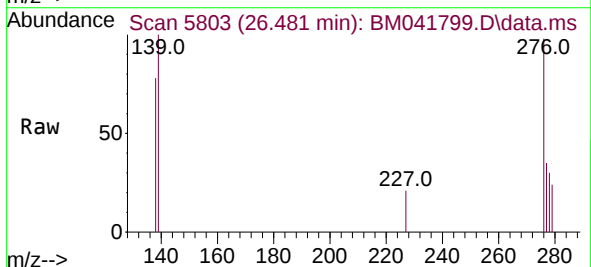
Tgt Ion:278 Resp: 3982

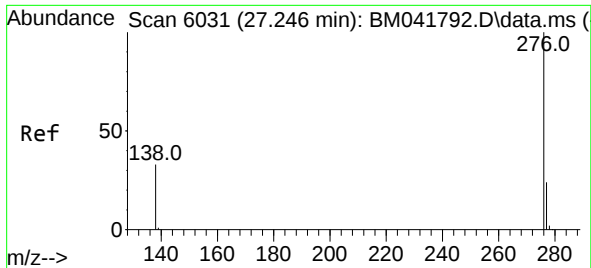
Ion Ratio Lower Upper

278 100

139 334.0 23.0 34.6#

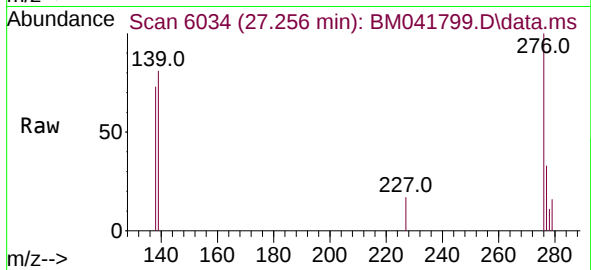
279 80.7 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.232 ng/ul
 RT: 27.256 min Scan# 6034
 Delta R.T. 0.010 min
 Lab File: BM041799.D
 Acq: 12 Sep 2023 04:11

Instrument :
 BNA_M
 ClientSampleId :
 EZYK1



Tgt Ion:276 Resp: 15322
 Ion Ratio Lower Upper
 276 100
 138 73.3 25.0 37.4#
 277 33.2 20.2 30.2#

