

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041500.D
 Acq On : 25 Aug 2023 19:07
 Operator : MA/JU
 Sample : 04037-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE1

Quant Time: Aug 26 00:18:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

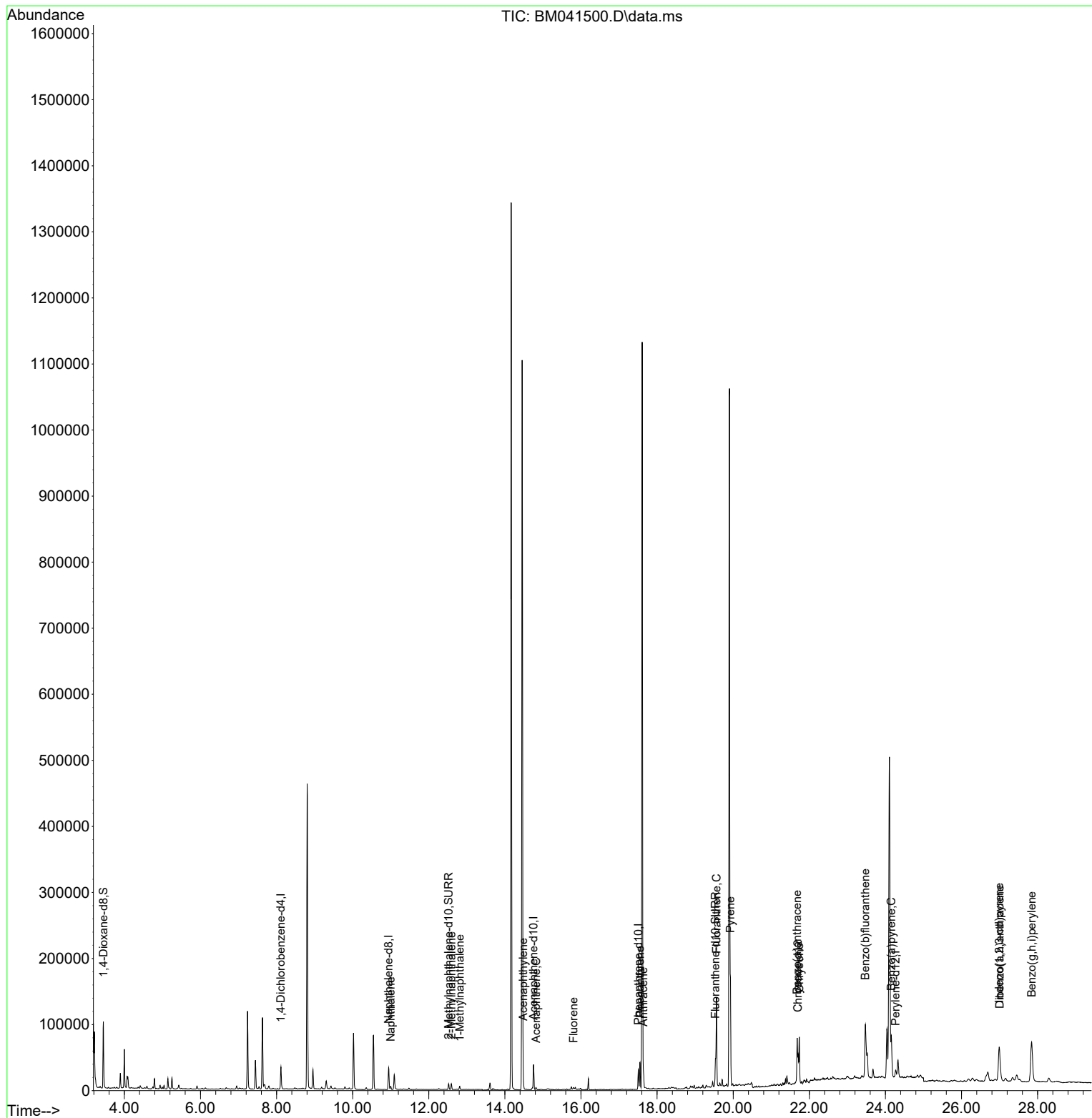
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	16200	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	43656	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	19505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	31666	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.699	240	13247	0.400	ng/ul	# 0.00
23) Perylene-d12	24.269	264	16071	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	58132	2.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	10716	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	12227	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	6847	0.053	ng/ul	96
7) 2-Methylnaphthalene	12.594	142	6158	0.079	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	3409	0.043	ng/ul	99
10) Acenaphthylene	14.481	152	19584	0.167	ng/ul	98
11) Acenaphthene	14.819	153	1967	0.024	ng/ul	95
12) Fluorene	15.804	166	2307	0.025	ng/ul#	90
15) Phenanthrene	17.552	178	42238	0.363	ng/ul	99
16) Anthracene	17.641	178	25050	0.237	ng/ul	97
19) Fluoranthene	19.561	202	105224	0.865	ng/ul#	93
20) Pyrene	19.929	202	130009	1.060	ng/ul	99
21) Benzo(a)anthracene	21.679	228	58567	0.679	ng/ul#	89
22) Chrysene	21.734	228	60832	0.653	ng/ul#	92
24) Benzo(b)fluoranthene	23.474	252	147718	1.342	ng/ul	87
26) Benzo(a)pyrene	24.155	252	90517	1.001	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.991	276	99709	0.882	ng/ul#	87
28) Dibenzo(a,h)anthracene	27.005	278	22229	0.257	ng/ul#	33
29) Benzo(g,h,i)perylene	27.843	276	145037	1.457	ng/ul	98

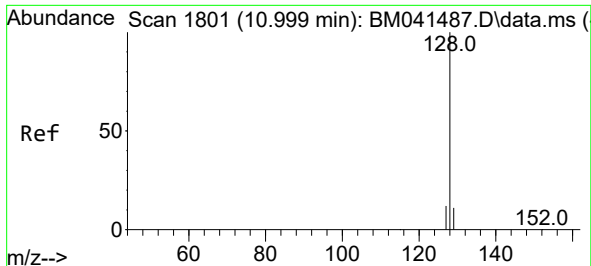
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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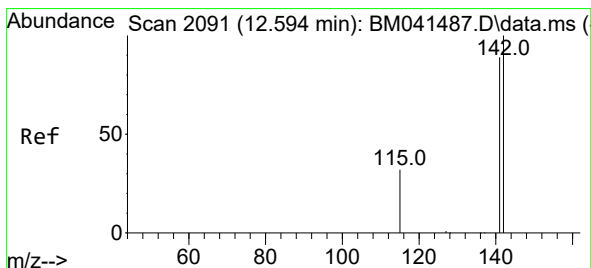
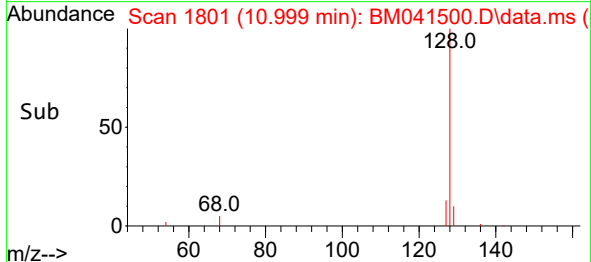
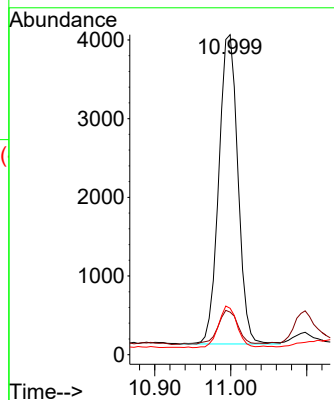
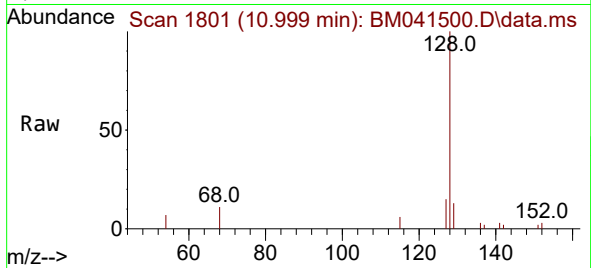




#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

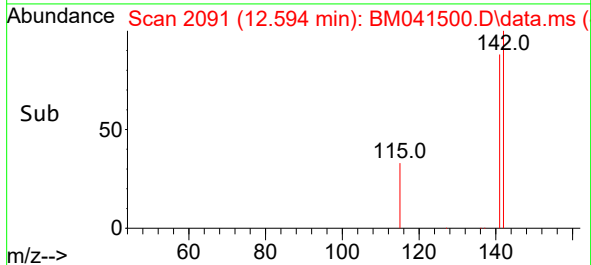
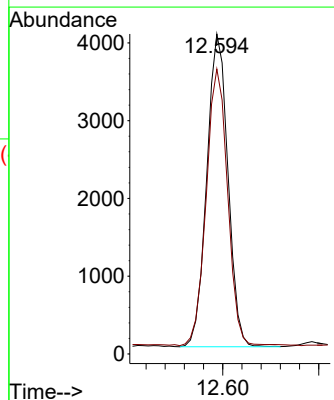
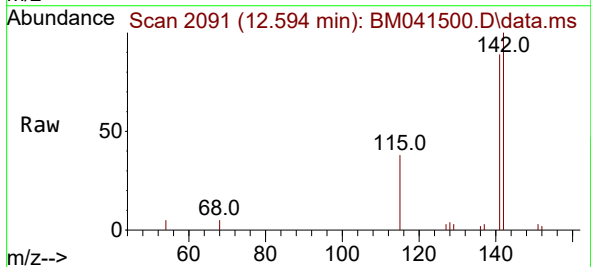
Instrument :
BNA_M
ClientSampleId :
EZY1

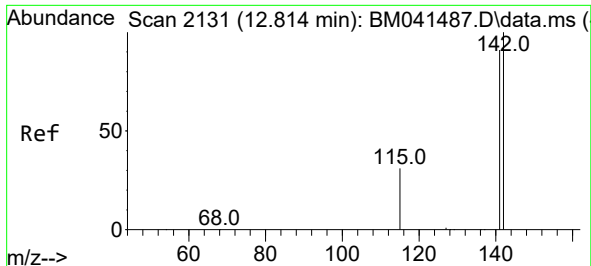
Tgt Ion:128 Resp: 6847
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Tgt Ion:142 Resp: 6158
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

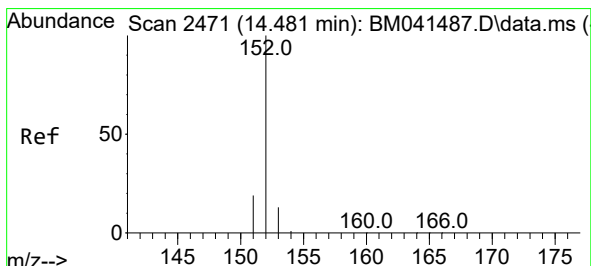
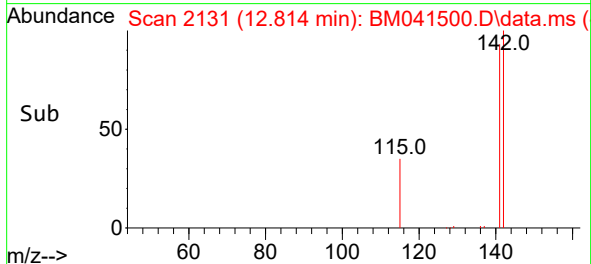
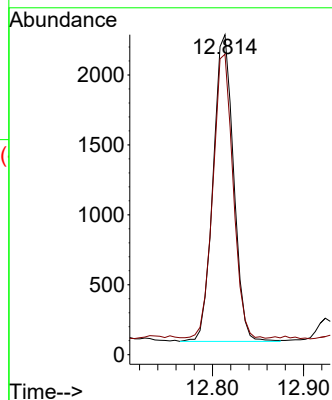
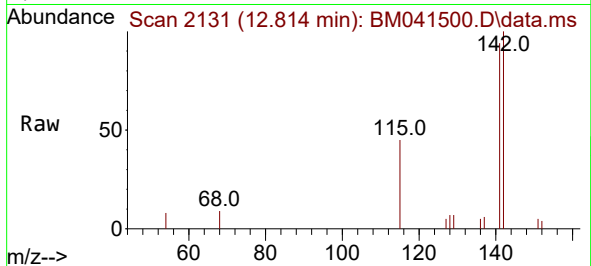




#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

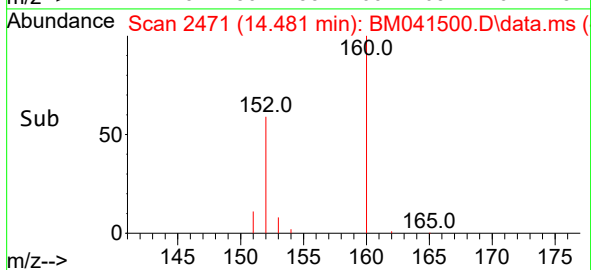
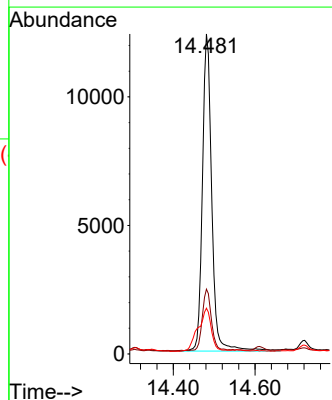
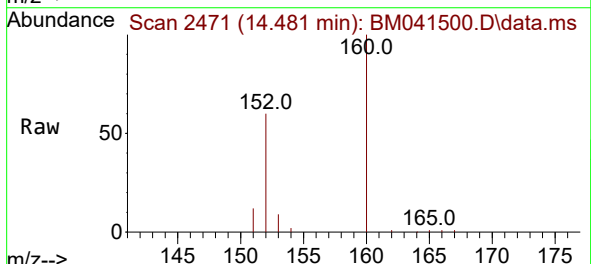
Instrument :
BNA_M
ClientSampleId :
EZY1

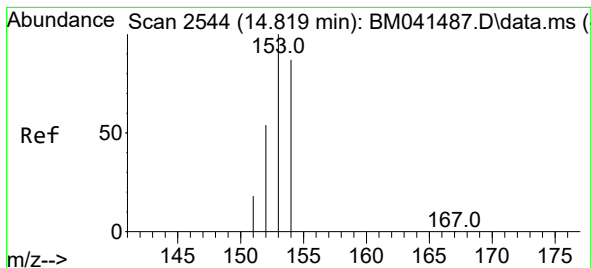
Tgt Ion:142 Resp: 3409
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2



#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Tgt Ion:152 Resp: 19584
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 14.3 10.6 15.8





#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.819 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

Instrument :

BNA_M

ClientSampleId :

EZY1

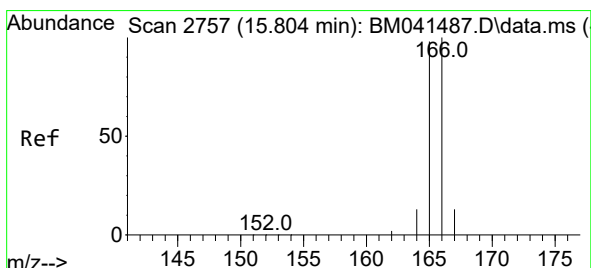
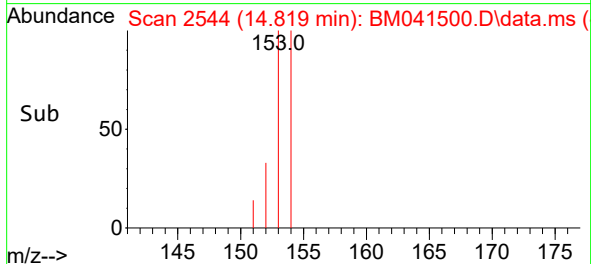
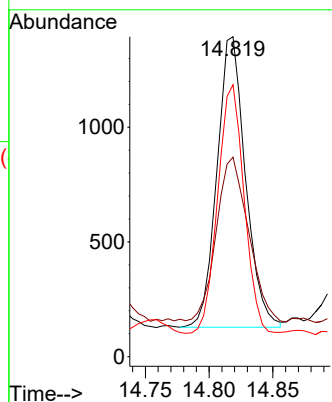
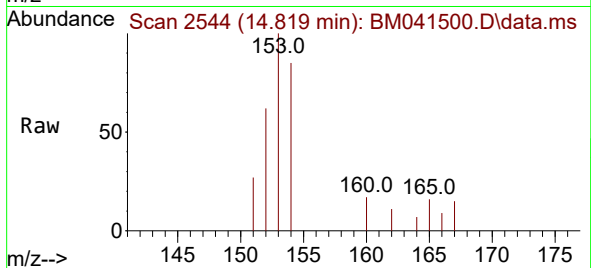
Tgt Ion:153 Resp: 1967

Ion Ratio Lower Upper

153 100

152 62.4 42.9 64.3

154 85.0 68.9 103.3



#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.804 min Scan# 2757

Delta R.T. -0.000 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

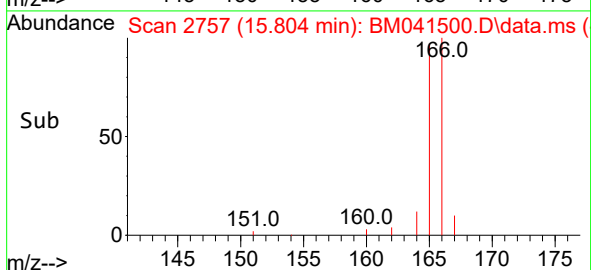
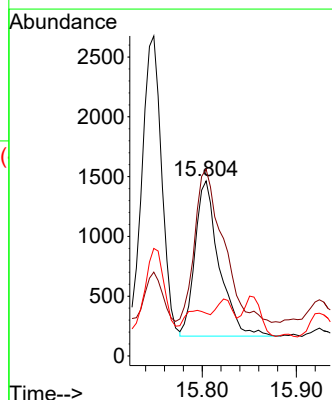
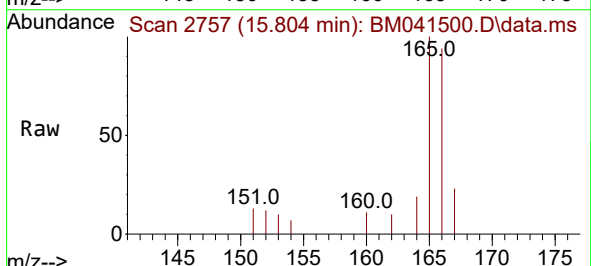
Tgt Ion:166 Resp: 2307

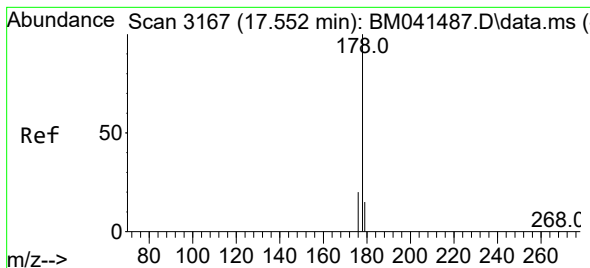
Ion Ratio Lower Upper

166 100

165 106.6 79.4 119.2

167 24.4 11.0 16.6#





#15

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

Instrument :

BNA_M

ClientSampleId :

EZYE1

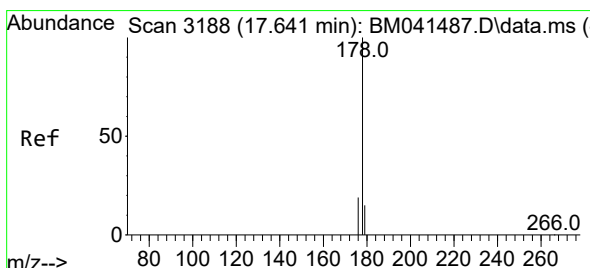
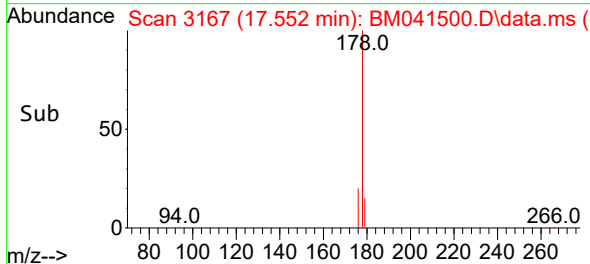
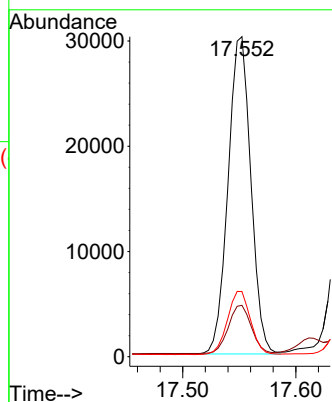
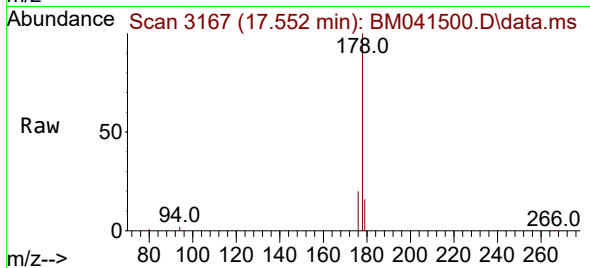
Tgt Ion:178 Resp: 42238

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

176 20.4 15.8 23.8



#16

Anthracene

Concen: 0.237 ng/ul

RT: 17.641 min Scan# 3188

Delta R.T. -0.004 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

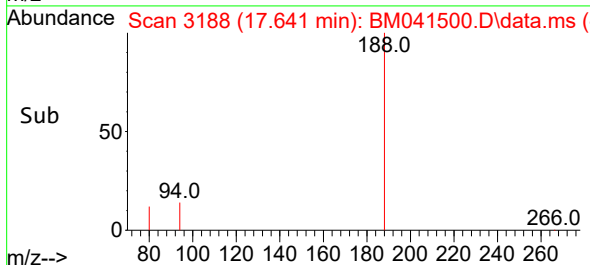
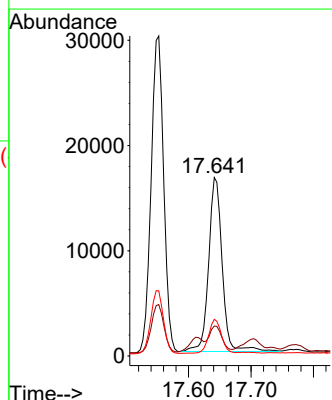
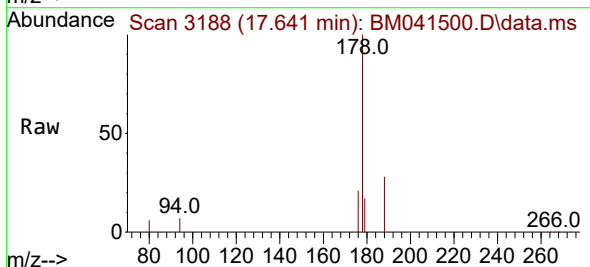
Tgt Ion:178 Resp: 25050

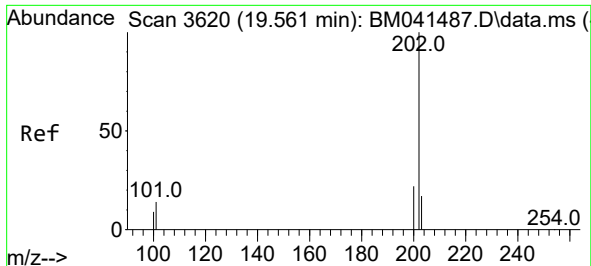
Ion Ratio Lower Upper

178 100

179 16.8 12.6 18.8

176 20.6 15.5 23.3

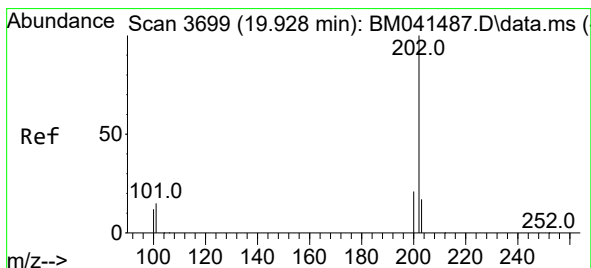
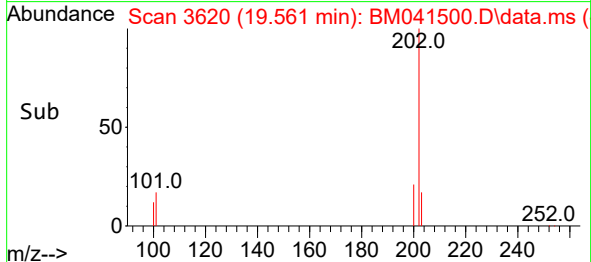
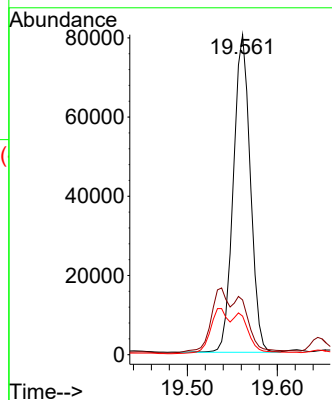
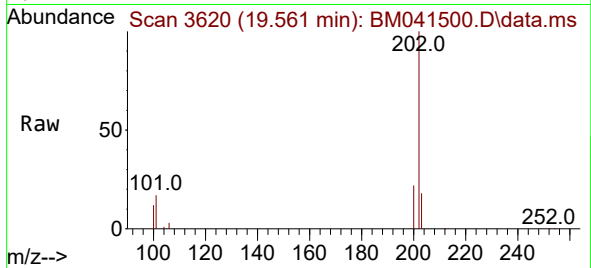




#19
Fluoranthene
Concen: 0.865 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

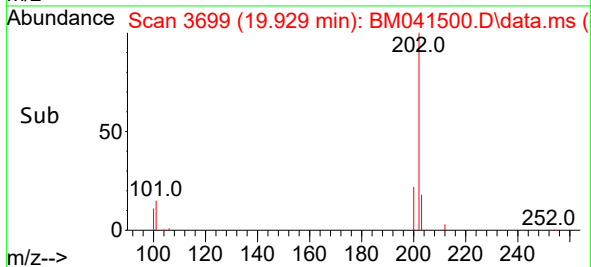
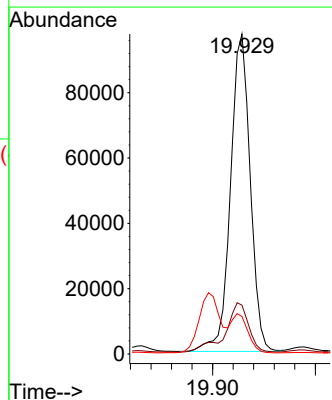
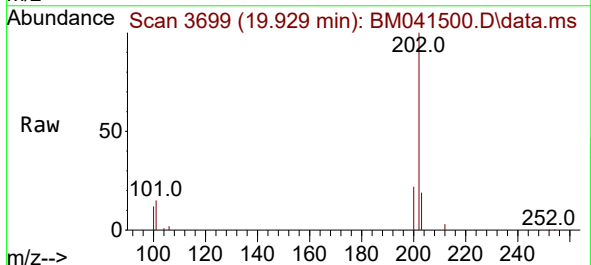
Instrument :
BNA_M
ClientSampleId :
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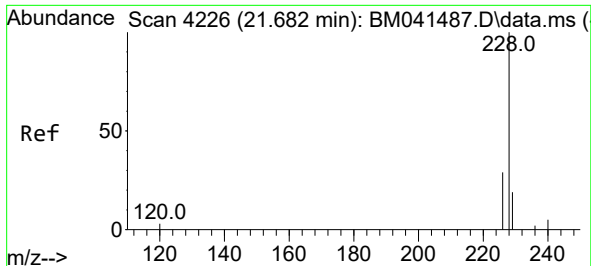
Tgt Ion:202 Resp: 105224
Ion Ratio Lower Upper
202 100
101 17.1 11.0 16.6#
100 12.1 7.9 11.9#



#20
Pyrene
Concen: 1.060 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Tgt Ion:202 Resp: 130009
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.2
100 11.7 9.8 14.8

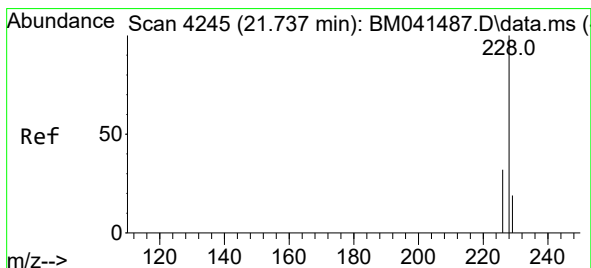
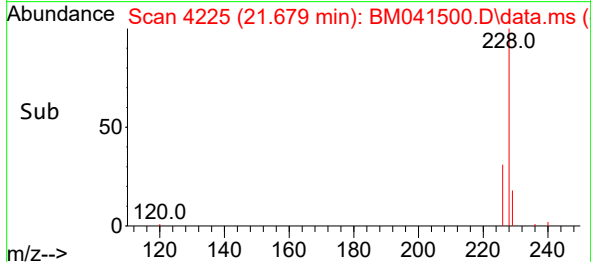
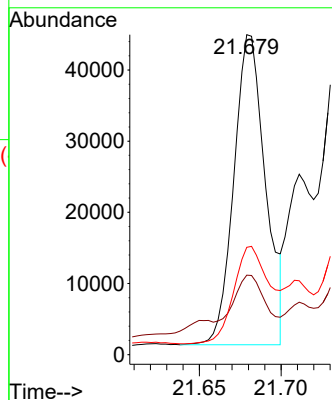
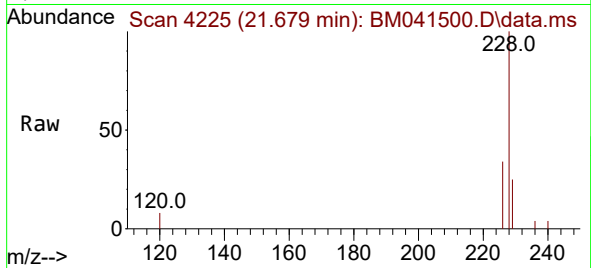




#21
Benzo(a)anthracene
Concen: 0.679 ng/ul
RT: 21.679 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

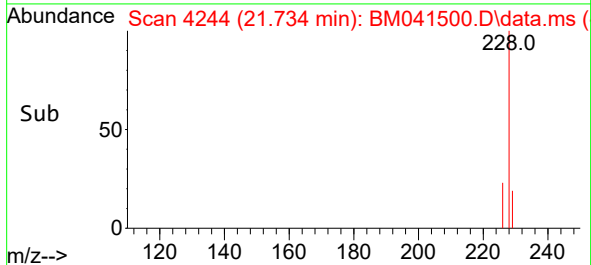
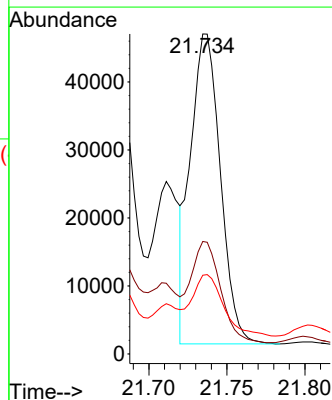
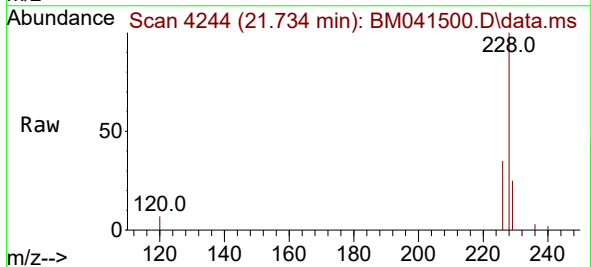
Instrument :
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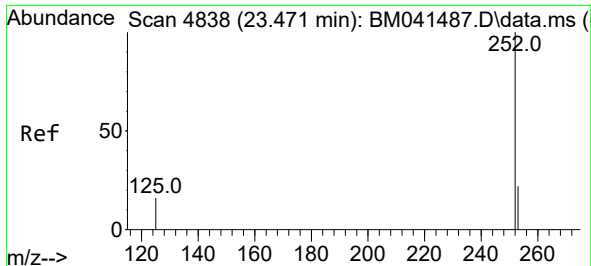
Tgt Ion:228 Resp: 58567
Ion Ratio Lower Upper
228 100
229 24.9 15.3 22.9#
226 33.5 22.7 34.1



#22
Chrysene
Concen: 0.653 ng/ul
RT: 21.734 min Scan# 4244
Delta R.T. -0.009 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

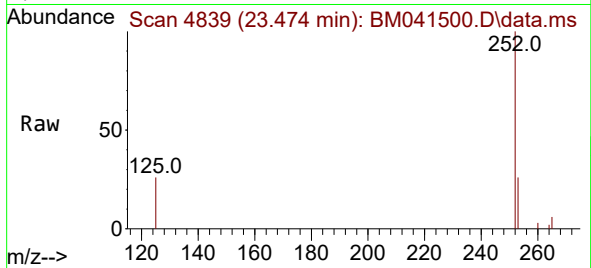
Tgt Ion:228 Resp: 60832
Ion Ratio Lower Upper
228 100
226 35.2 25.6 38.4
229 24.6 15.7 23.5#



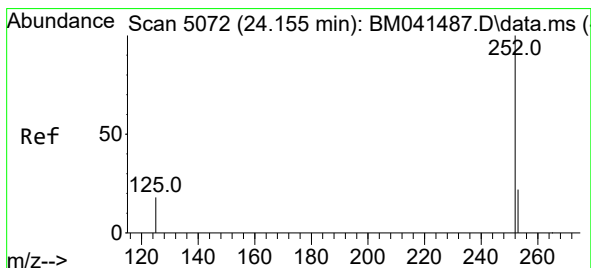
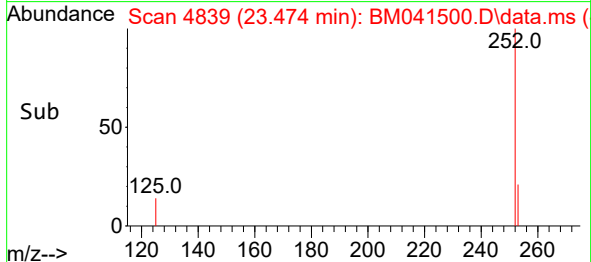
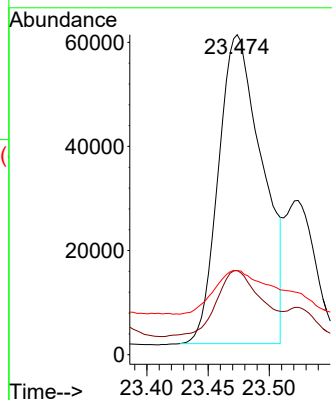


#24
Benzo(b)fluoranthene
Concen: 1.342 ng/ul
RT: 23.474 min Scan# 4838
Delta R.T. -0.009 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Instrument :
BNA_M
ClientSampleId :
EZY1

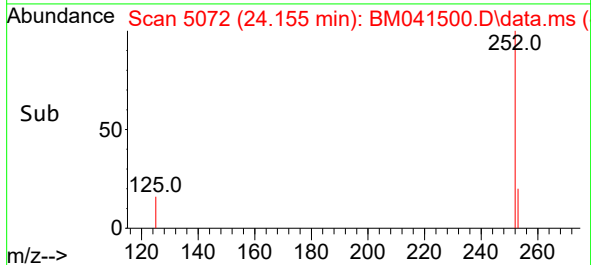
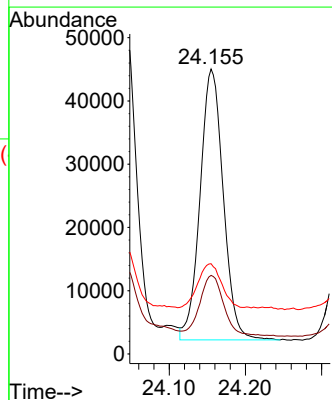
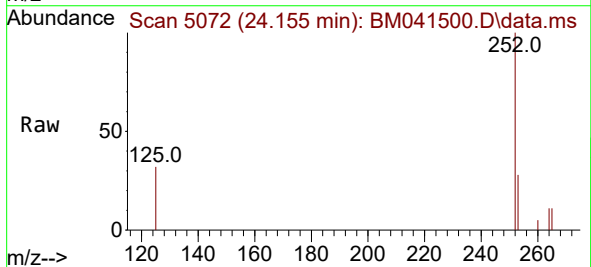


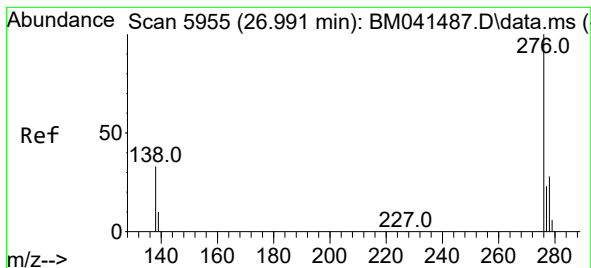
Tgt Ion:252 Resp: 147718
Ion Ratio Lower Upper
252 100
253 26.3 0.0 46.8
125 26.3 0.0 32.8



#26
Benzo(a)pyrene
Concen: 1.001 ng/ul
RT: 24.155 min Scan# 5072
Delta R.T. -0.009 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Tgt Ion:252 Resp: 90517
Ion Ratio Lower Upper
252 100
253 27.6 19.5 29.3
125 31.7 16.0 24.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.882 ng/ul

RT: 26.991 min Scan# 5955

Delta R.T. -0.013 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

Instrument :

BNA_M

ClientSampleId :

EZY1

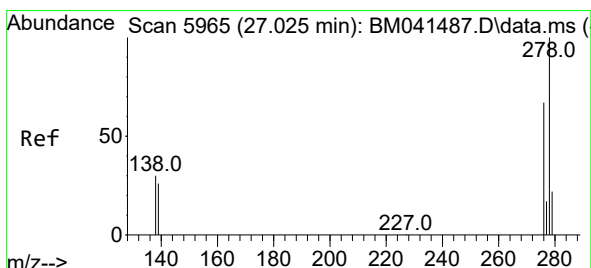
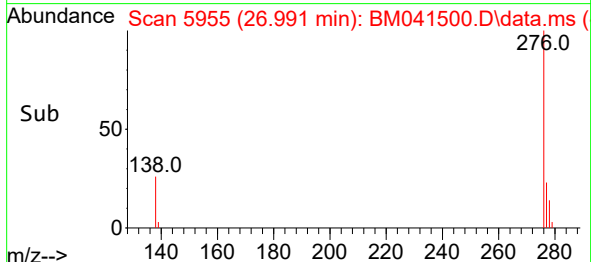
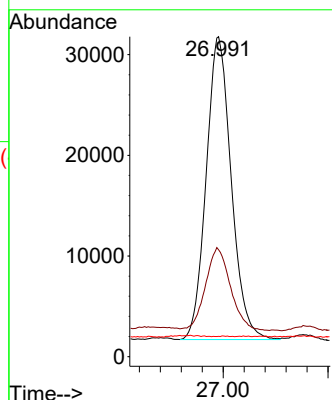
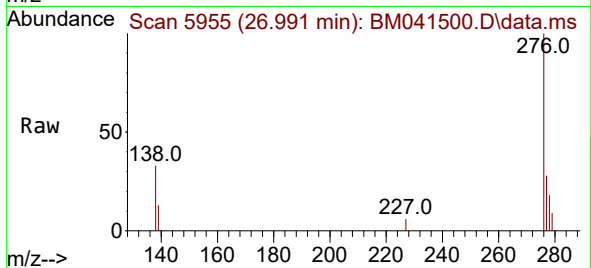
Tgt Ion:276 Resp: 99709

Ion Ratio Lower Upper

276 100

138 27.3 27.8 41.6#

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.257 ng/ul

RT: 27.005 min Scan# 5959

Delta R.T. -0.040 min

Lab File: BM041500.D

Acq: 25 Aug 2023 19:07

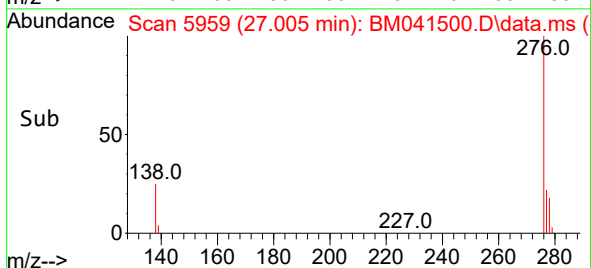
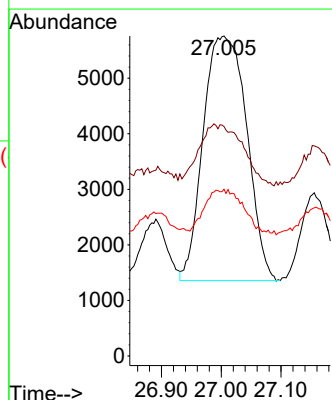
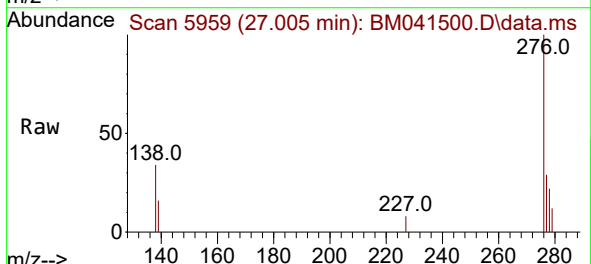
Tgt Ion:278 Resp: 22229

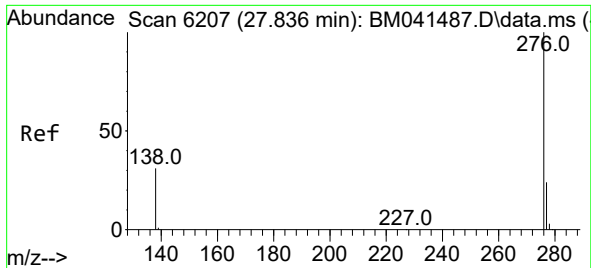
Ion Ratio Lower Upper

278 100

139 71.7 21.9 32.9#

279 52.1 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 1.457 ng/ul
RT: 27.843 min Scan# 61
Delta R.T. -0.010 min
Lab File: BM041500.D
Acq: 25 Aug 2023 19:07

Instrument :
BNA_M
ClientSampleId :
EZY1

Tgt Ion:276 Resp: 145037
Ion Ratio Lower Upper
276 100
138 32.6 25.9 38.9
277 26.2 19.4 29.2

