

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041702.D
 Acq On : 07 Sep 2023 19:35
 Operator : MA/JU
 Sample : 04113-05DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYL2DL

Quant Time: Sep 08 02:54:33 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 : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

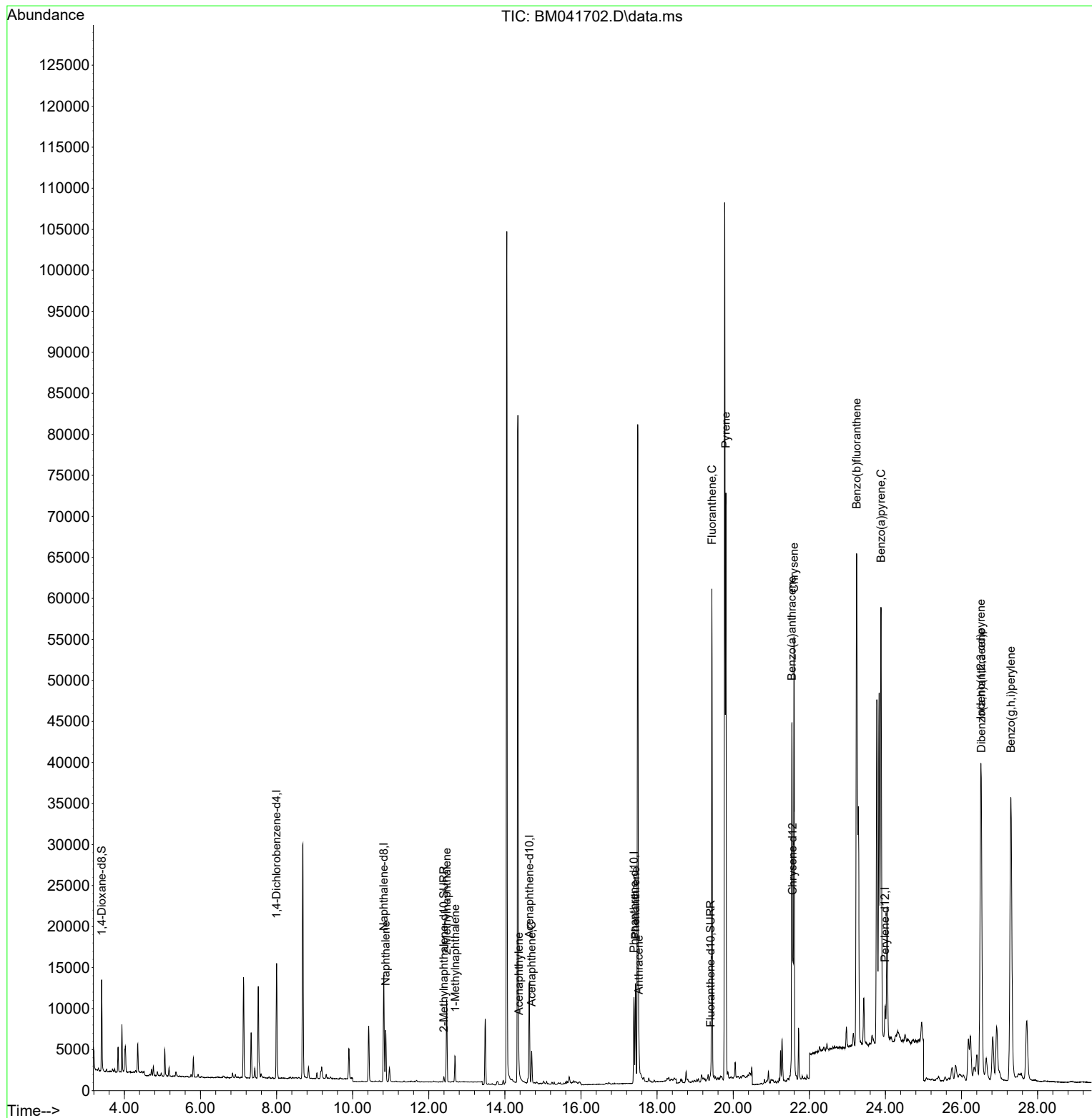
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	16248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	6432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	11571	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	4835	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	5367	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6224	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	760	0.036	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	863	0.037	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.867	128	8339	0.156	ng/ul	98
7) 2-Methylnaphthalene	12.473	142	7001	0.231	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	2124	0.070	ng/ul	100
10) Acenaphthylene	14.370	152	906	0.023	ng/ul#	75
11) Acenaphthene	14.703	153	2244	0.073	ng/ul	98
15) Phenanthrene	17.434	178	13493	0.276	ng/ul	99
16) Anthracene	17.523	178	2486	0.059	ng/ul#	87
19) Fluoranthene	19.441	202	48738	0.854	ng/ul	99
20) Pyrene	19.808	202	57609	1.016	ng/ul	99
21) Benzo(a)anthracene	21.542	228	38075	0.966	ng/ul	99
22) Chrysene	21.597	228	51910	1.220	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	104076	2.167	ng/ul	93
26) Benzo(a)pyrene	23.883	252	77804	1.994	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.508	276	71404	1.334	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.522	278	13102	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.296	276	79023	1.666	ng/ul	98

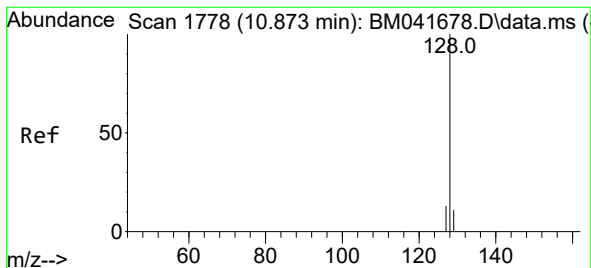
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.156 ng/ul

RT: 10.867 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

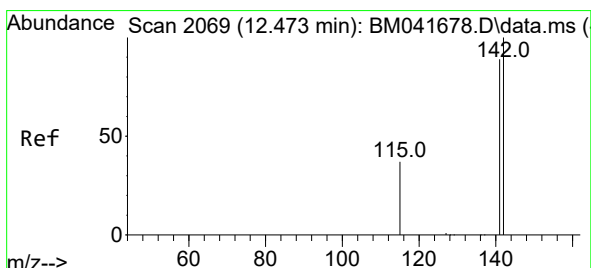
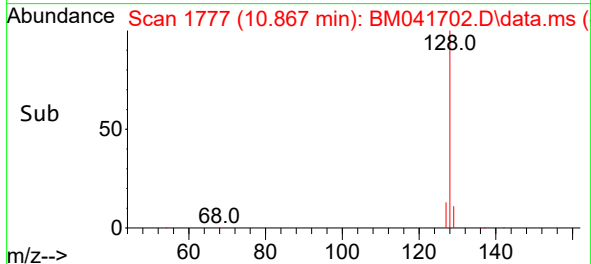
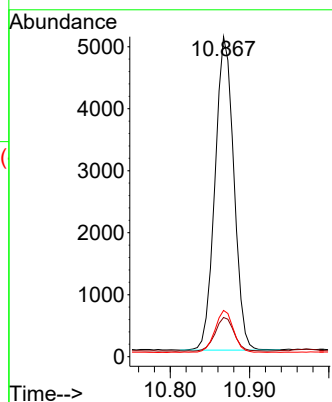
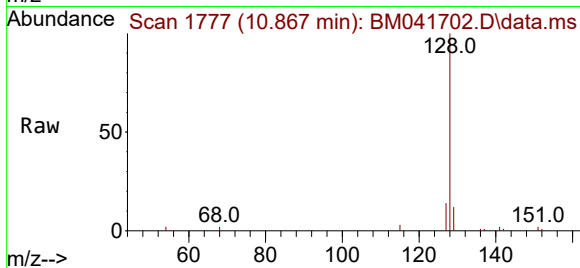
Tgt Ion:128 Resp: 8339

Ion Ratio Lower Upper

128 100

129 12.2 9.4 14.0

127 14.5 11.0 16.6



#7

2-Methylnaphthalene

Concen: 0.231 ng/ul

RT: 12.473 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BM041702.D

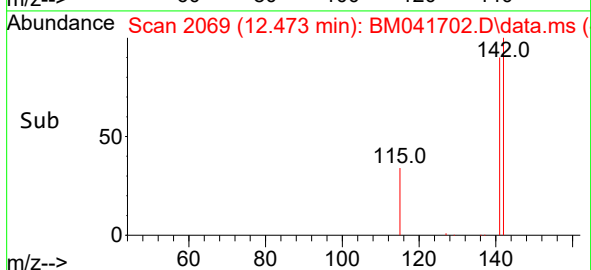
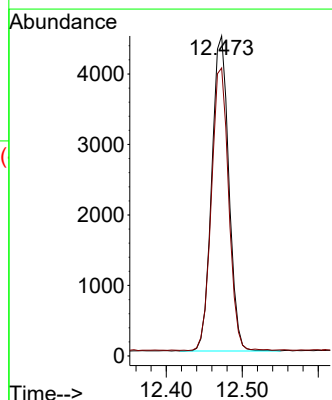
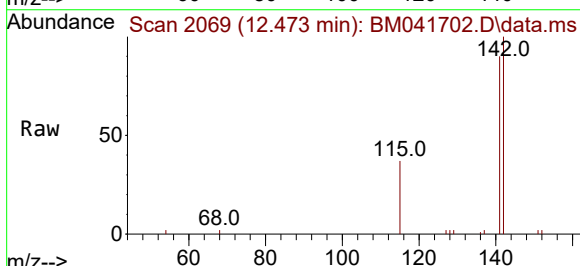
Acq: 07 Sep 2023 19:35

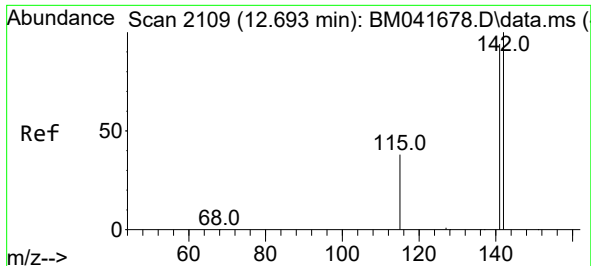
Tgt Ion:142 Resp: 7001

Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.2

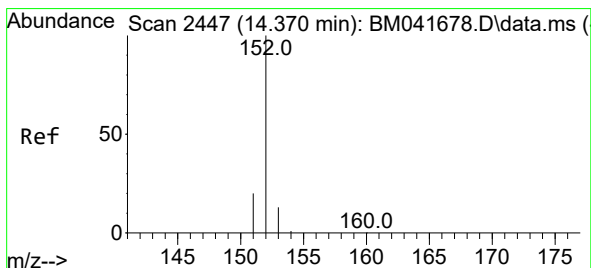
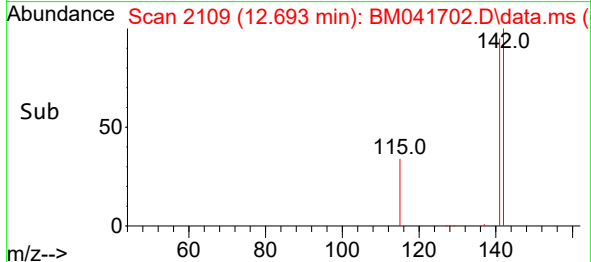
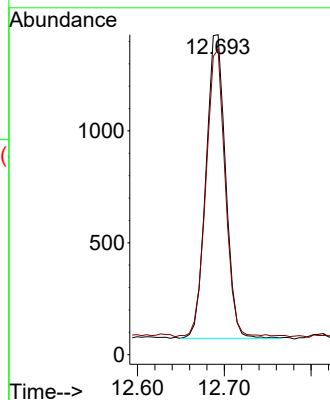
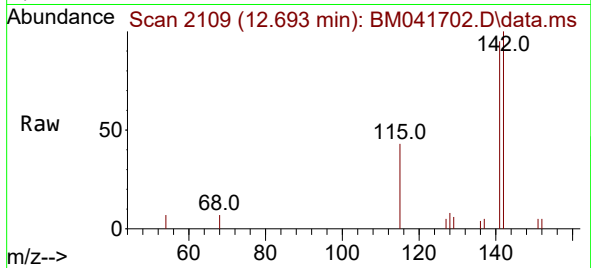




#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

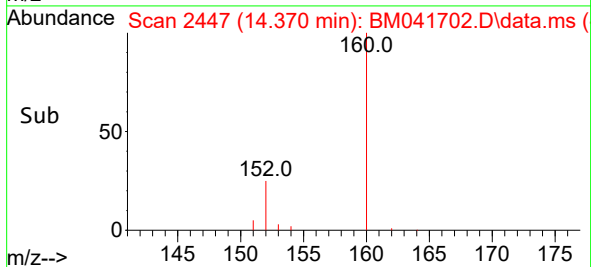
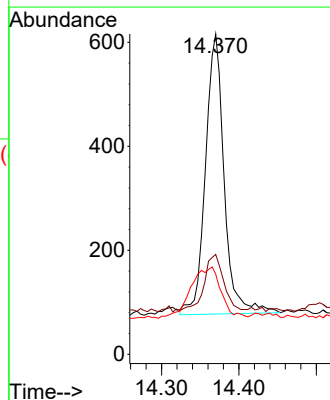
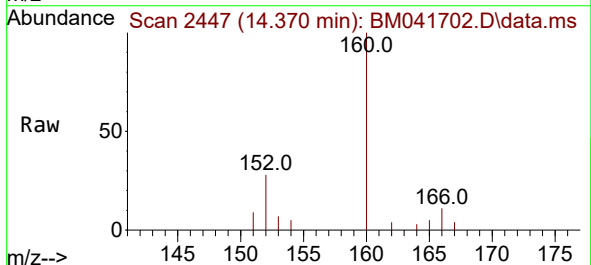
Instrument :
BNA_M
ClientSampleId :
EZYLDL

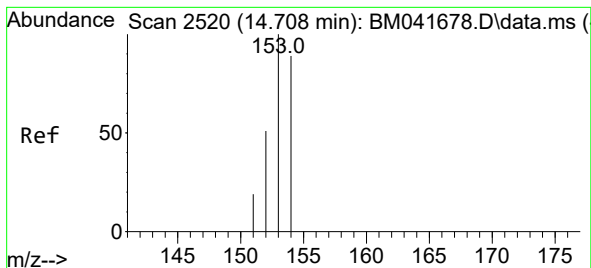
Tgt Ion:142 Resp: 2124
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

Tgt Ion:152 Resp: 906
Ion Ratio Lower Upper
152 100
151 31.2 16.4 24.6#
153 25.0 11.1 16.7#





#11

Acenaphthene

Concen: 0.073 ng/ul

RT: 14.703 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

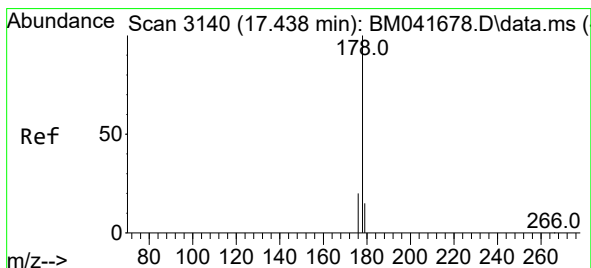
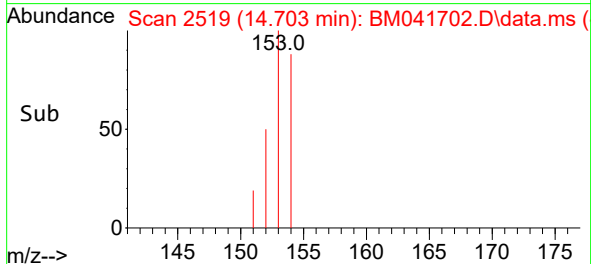
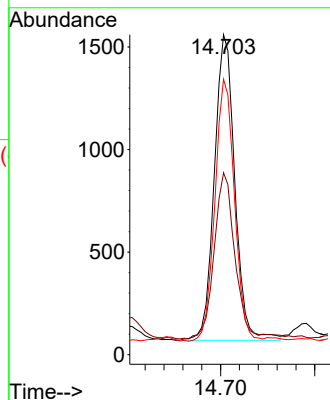
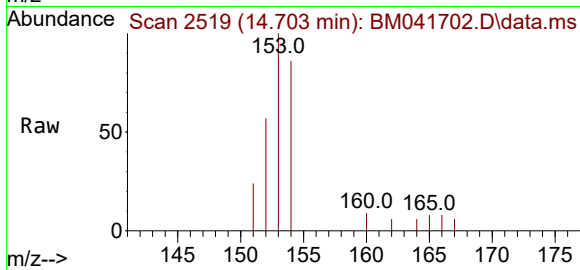
Tgt Ion:153 Resp: 2244

Ion Ratio Lower Upper

153 100

152 56.9 43.4 65.2

154 86.1 69.4 104.0



#15

Phenanthrene

Concen: 0.276 ng/ul

RT: 17.434 min Scan# 3139

Delta R.T. -0.008 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

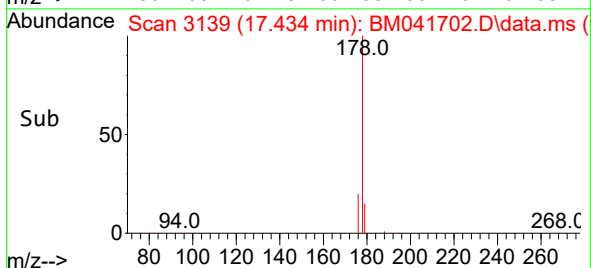
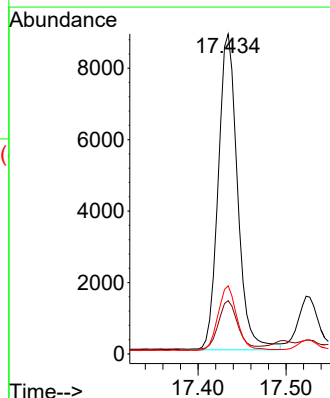
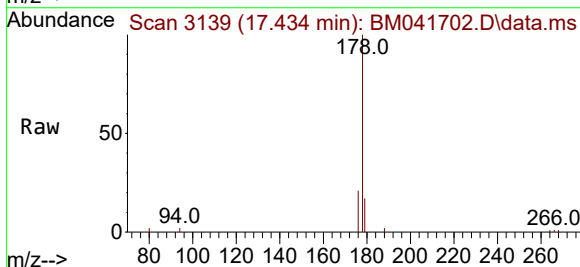
Tgt Ion:178 Resp: 13493

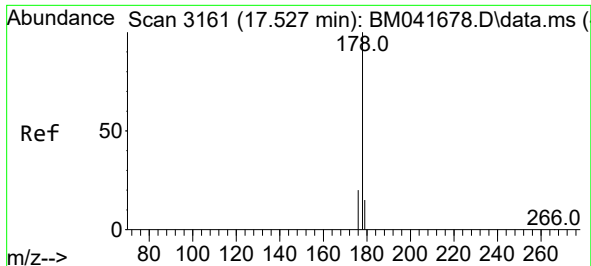
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 21.3 16.9 25.3

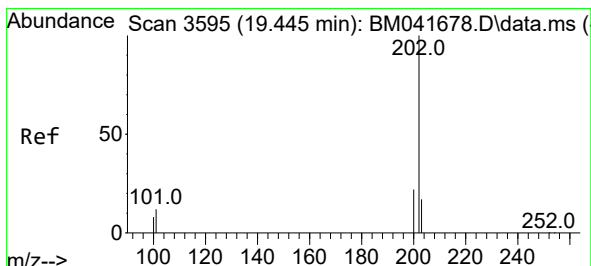
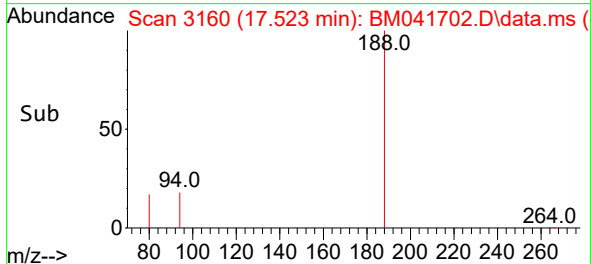
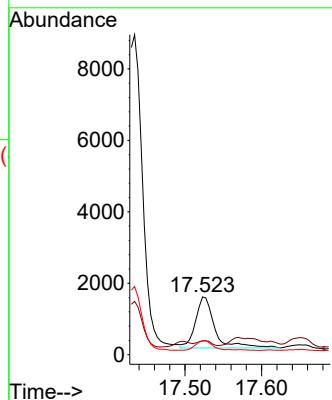
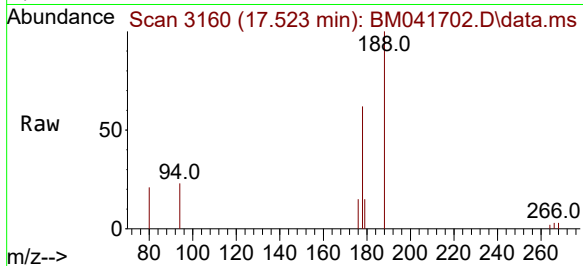




#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.523 min Scan# 3161
 Delta R.T. -0.013 min
 Lab File: BM041702.D
 Acq: 07 Sep 2023 19:35

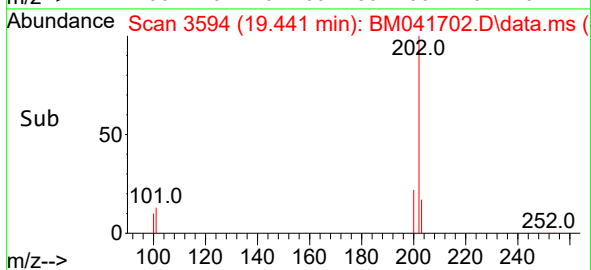
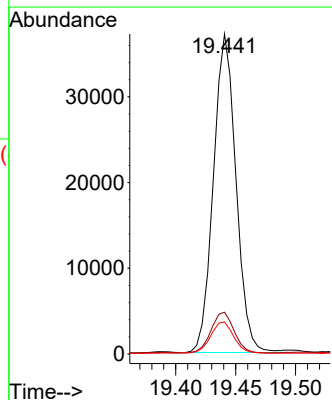
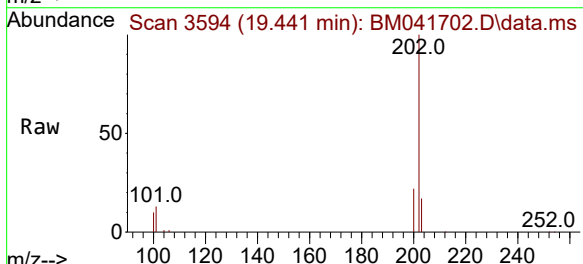
Instrument :
 BNA_M
 ClientSampleId :
 EZYL2DL

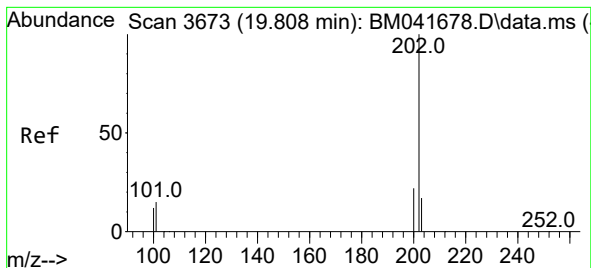
Tgt Ion:178 Resp: 2486
 Ion Ratio Lower Upper
 178 100
 179 23.7 12.9 19.3#
 176 24.0 15.8 23.8#



#19
 Fluoranthene
 Concen: 0.854 ng/ul
 RT: 19.441 min Scan# 3594
 Delta R.T. -0.009 min
 Lab File: BM041702.D
 Acq: 07 Sep 2023 19:35

Tgt Ion:202 Resp: 48738
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.5 15.7
 100 10.0 8.4 12.6





#20

Pyrene

Concen: 1.016 ng/ul

RT: 19.808 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

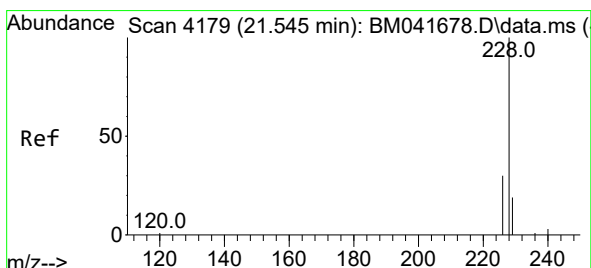
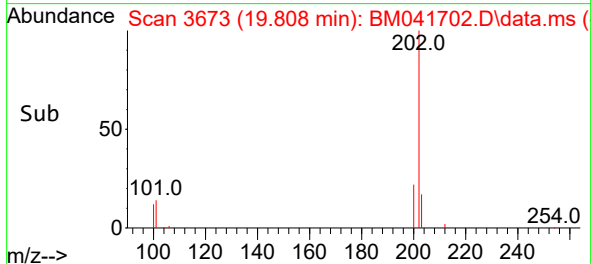
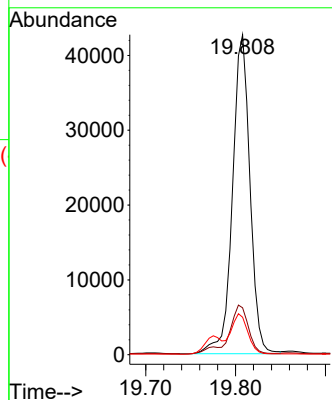
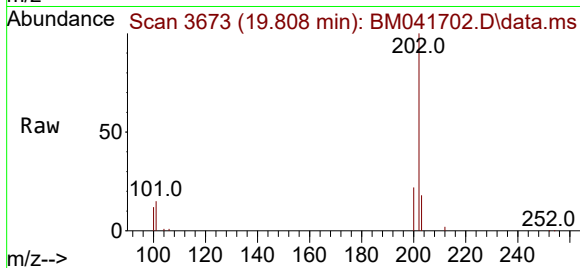
Tgt Ion:202 Resp: 57609

Ion Ratio Lower Upper

202 100

101 14.6 11.8 17.8

100 11.7 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.966 ng/ul

RT: 21.542 min Scan# 4178

Delta R.T. -0.012 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

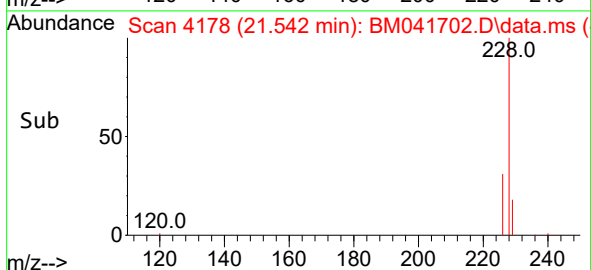
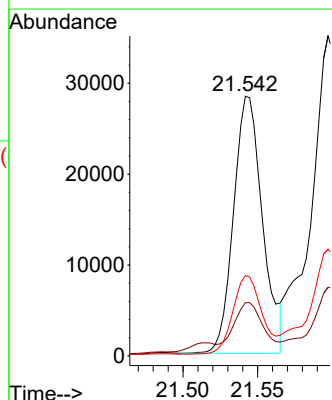
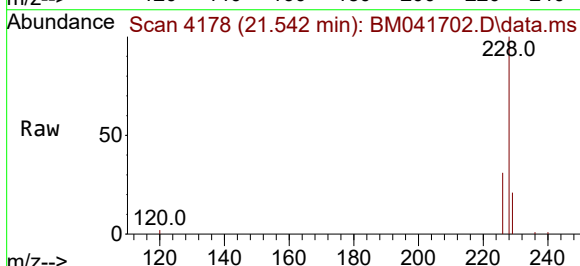
Tgt Ion:228 Resp: 38075

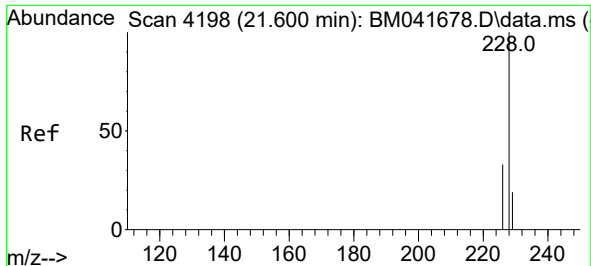
Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

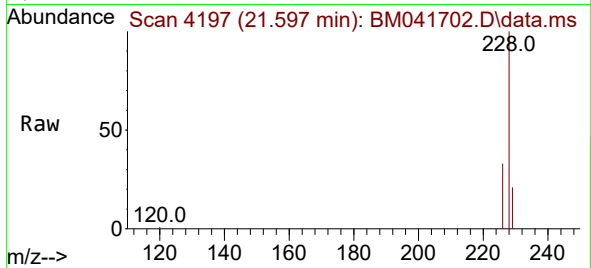
226 31.0 24.8 37.2



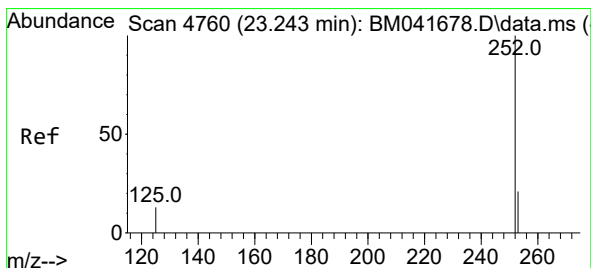
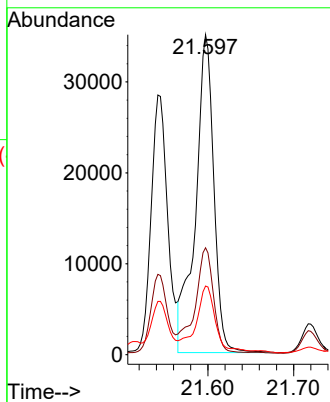
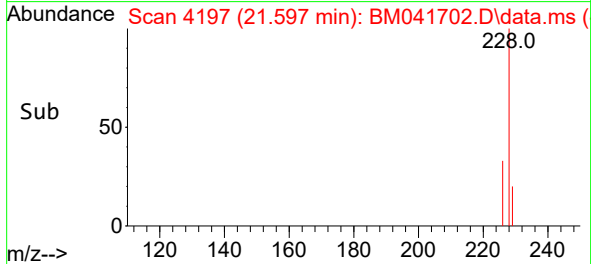


#22
Chrysene
Concen: 1.220 ng/ul
RT: 21.597 min Scan# 4197
Delta R.T. -0.012 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

Instrument :
BNA_M
ClientSampleId :
EZYLDL

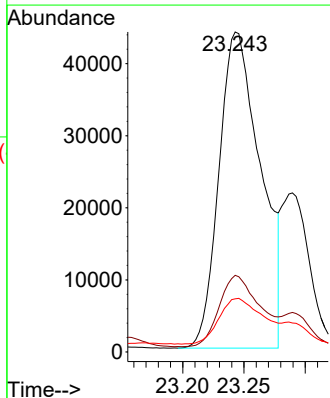
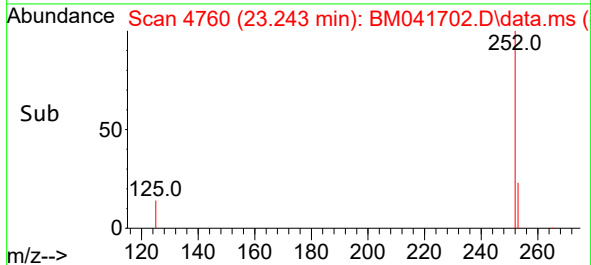
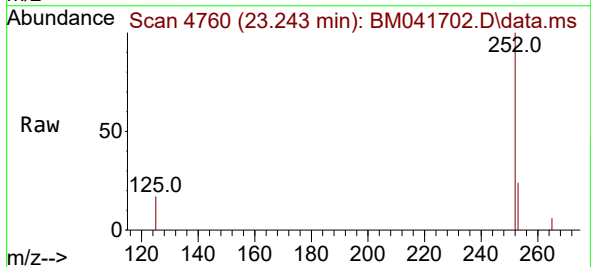


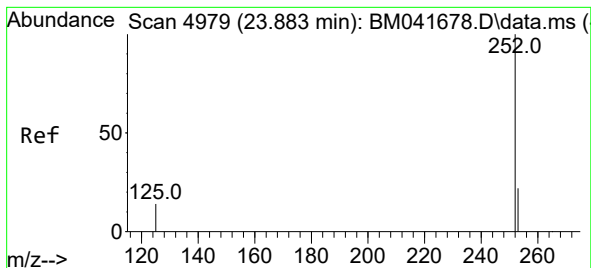
Tgt Ion:228 Resp: 51910
Ion Ratio Lower Upper
228 100
226 33.4 27.0 40.6
229 21.4 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 2.167 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

Tgt Ion:252 Resp: 104076
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.4
125 16.6 0.0 42.8





#26

Benzo(a)pyrene

Concen: 1.994 ng/ul

RT: 23.883 min Scan# 4979

Delta R.T. -0.015 min

Lab File: BM041702.D

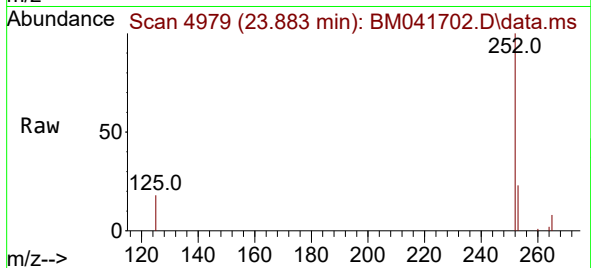
Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL



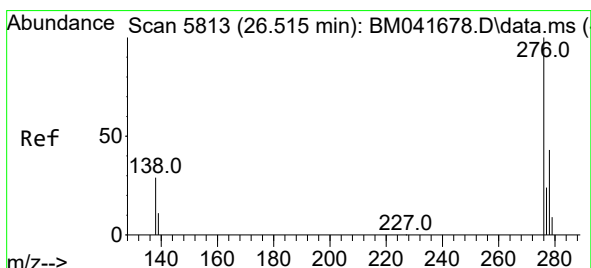
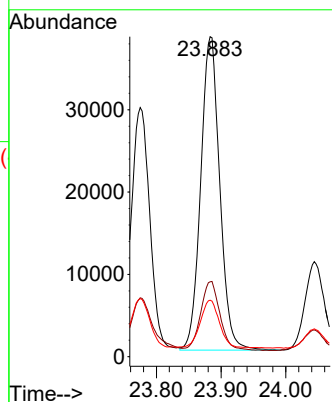
Tgt Ion:252 Resp: 77804

Ion Ratio Lower Upper

252 100

253 23.4 22.4 33.6

125 17.6 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.334 ng/ul

RT: 26.508 min Scan# 5811

Delta R.T. -0.023 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

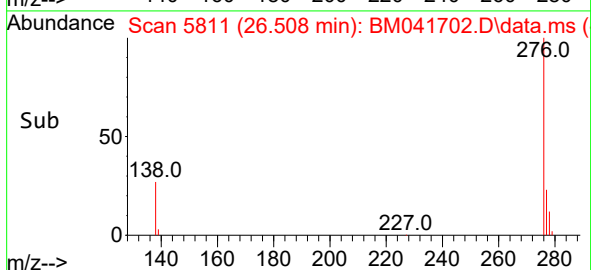
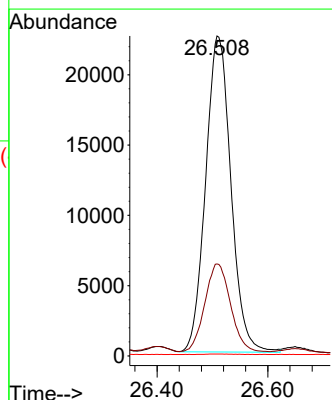
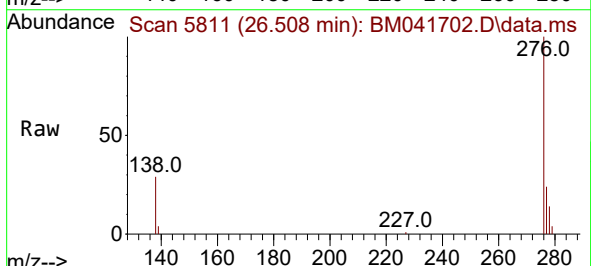
Tgt Ion:276 Resp: 71404

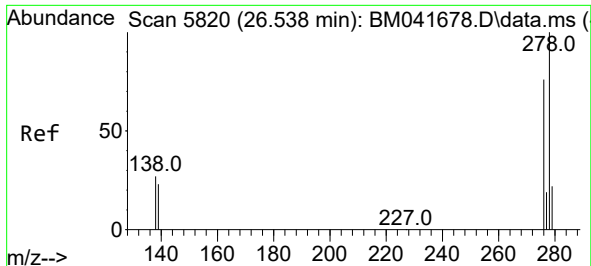
Ion Ratio Lower Upper

276 100

138 28.2 26.4 39.6

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 26.522 min Scan# 5815

Delta R.T. -0.030 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

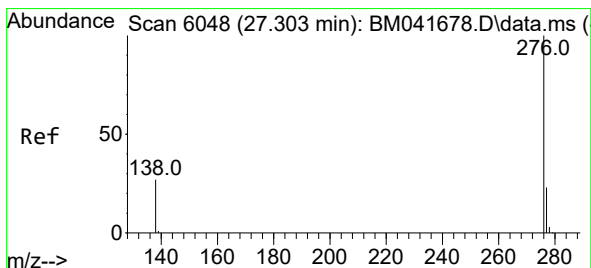
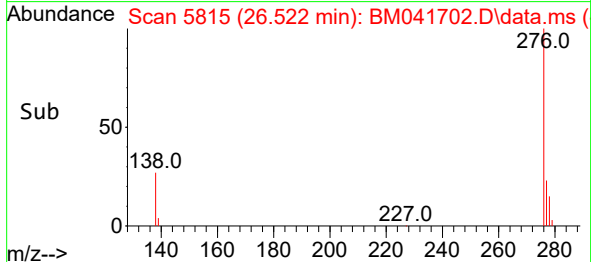
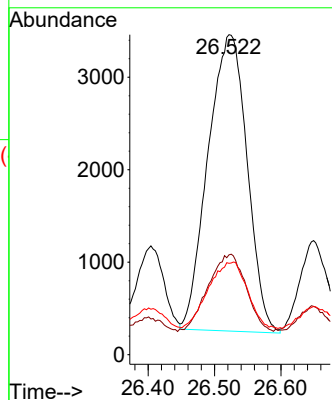
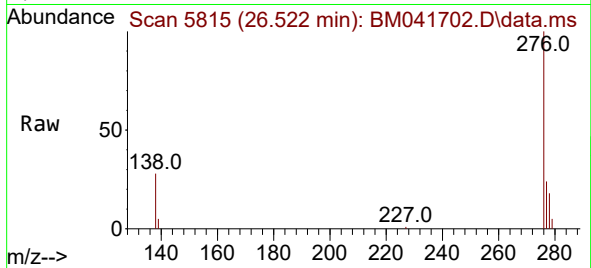
Tgt Ion:278 Resp: 13102

Ion Ratio Lower Upper

278 100

139 31.2 23.0 34.6

279 28.5 22.9 34.3



#29

Benzo(g,h,i)perylene

Concen: 1.666 ng/ul

RT: 27.296 min Scan# 6046

Delta R.T. -0.020 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Tgt Ion:276 Resp: 79023

Ion Ratio Lower Upper

276 100

138 30.2 25.0 37.4

277 23.7 20.2 30.2

