

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041531.D
 Acq On : 28 Aug 2023 20:54
 Operator : MA/JU
 Sample : 04037-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYE3DL

Quant Time: Aug 29 02:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

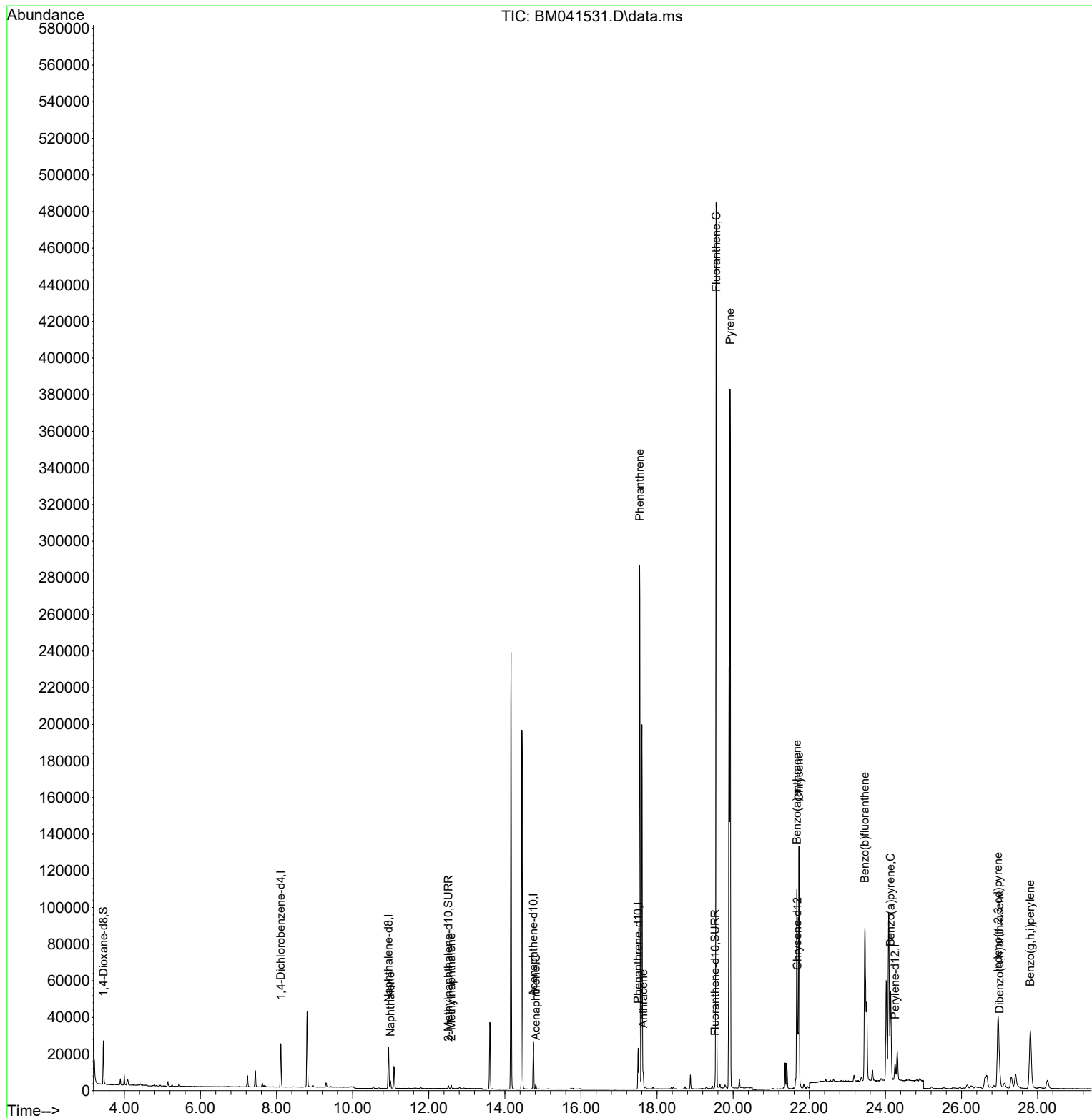
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	11683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	29414	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	12848	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	22777	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	10971	0.400	ng/ul	0.00
23) Perylene-d12	24.254	264	12708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	13875	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1711	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	2157	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	5135	0.055	ng/ul	96
7) 2-Methylnaphthalene	12.588	142	1240	0.022	ng/ul	100
11) Acenaphthene	14.814	153	1485	0.025	ng/ul	97
15) Phenanthrene	17.544	178	288639	3.088	ng/ul	100
16) Anthracene	17.637	178	7845	0.091	ng/ul	96
19) Fluoranthene	19.557	202	395377	3.890	ng/ul	98
20) Pyrene	19.919	202	295118	2.870	ng/ul	97
21) Benzo(a)anthracene	21.673	228	93161	1.192	ng/ul	99
22) Chrysene	21.729	228	128873	1.664	ng/ul	98
24) Benzo(b)fluoranthene	23.462	252	152285	1.885	ng/ul	97
26) Benzo(a)pyrene	24.137	252	72127	0.988	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.961	276	77505	0.790	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.998	278	16313	0.231	ng/ul	93
29) Benzo(g,h,i)perylene	27.810	276	75264	0.915	ng/ul	99

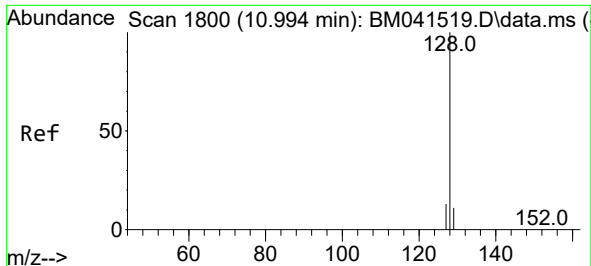
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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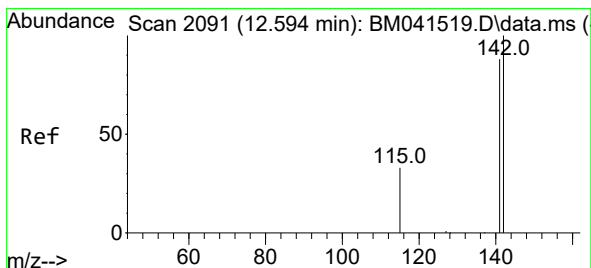
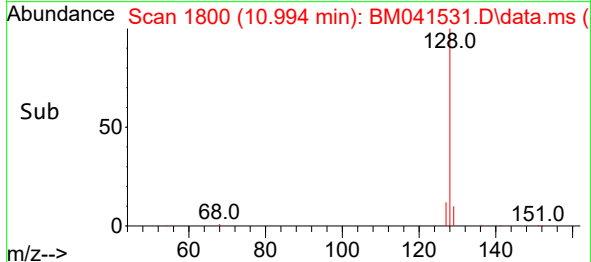
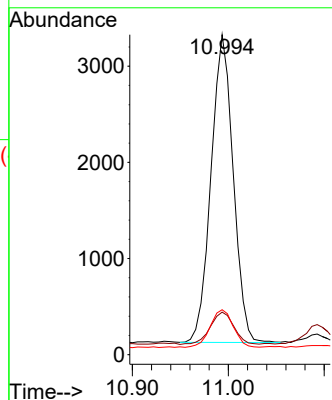
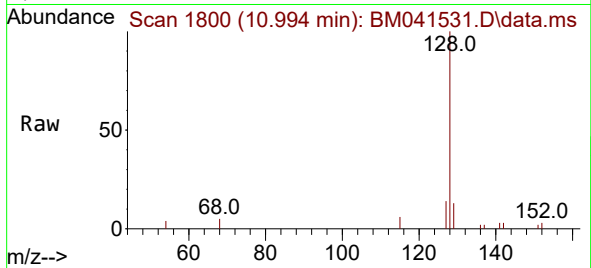




#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

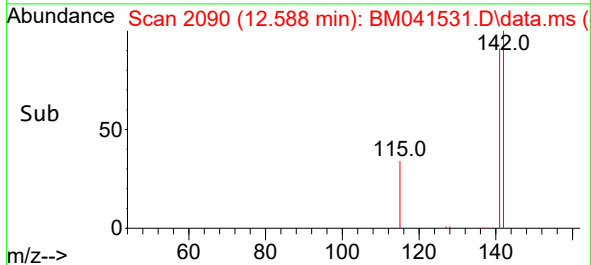
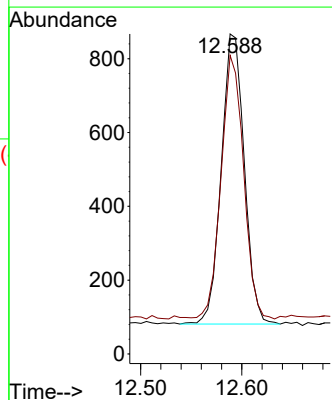
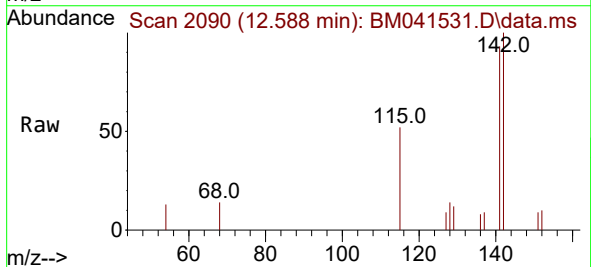
Instrument :
BNA_M
ClientSampleId :
EZY3DL

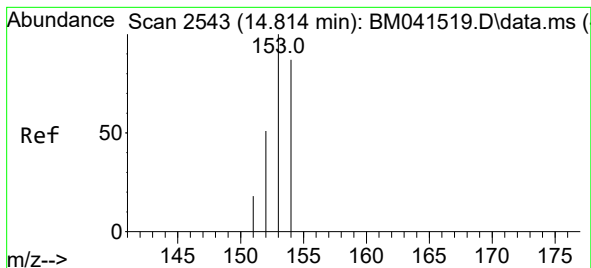
Tgt Ion:128 Resp: 5135
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3
127 14.1 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#11

Acenaphthene

Concen: 0.025 ng/uI

RT: 14.814 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZY3DL

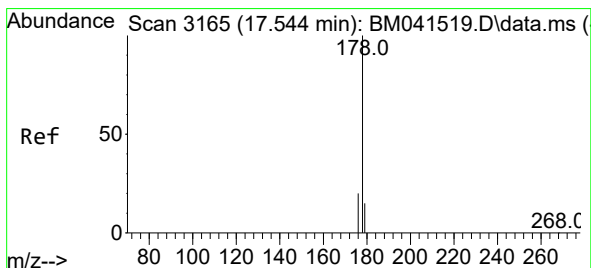
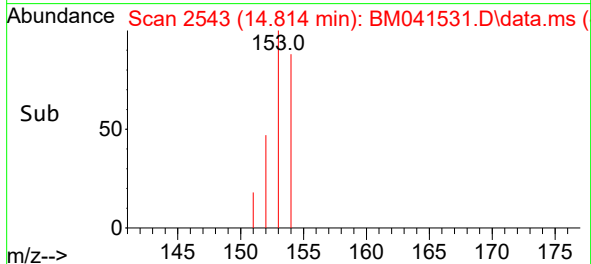
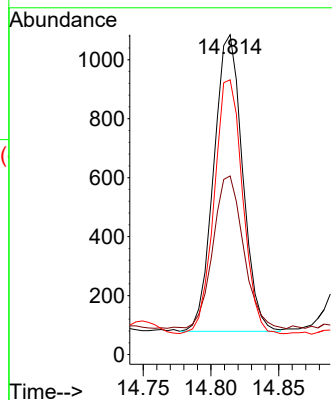
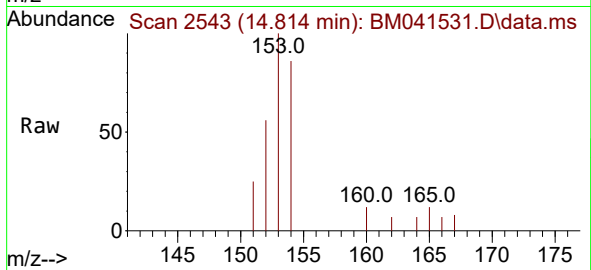
Tgt Ion:153 Resp: 1485

Ion Ratio Lower Upper

153 100

152 55.9 41.1 61.7

154 85.9 69.4 104.0



#15

Phenanthrene

Concen: 3.088 ng/uI

RT: 17.544 min Scan# 3165

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

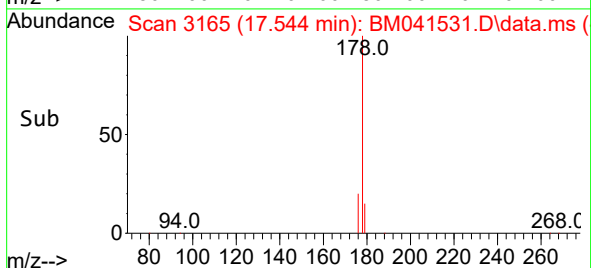
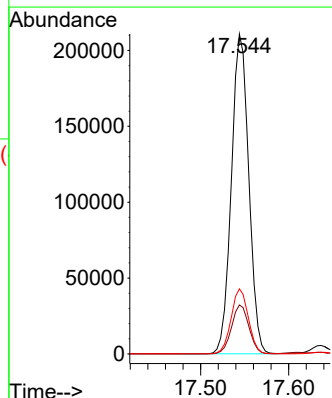
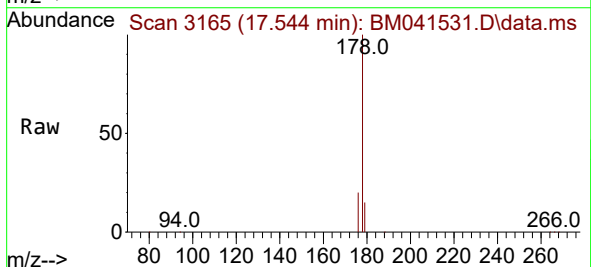
Tgt Ion:178 Resp: 288639

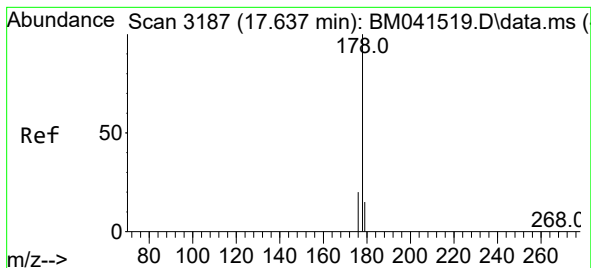
Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 20.4 16.3 24.5





#16

Anthracene

Concen: 0.091 ng/ul

RT: 17.637 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZY3DL

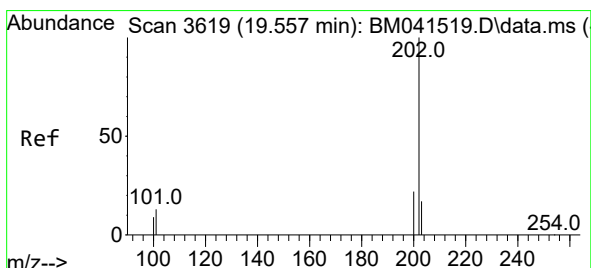
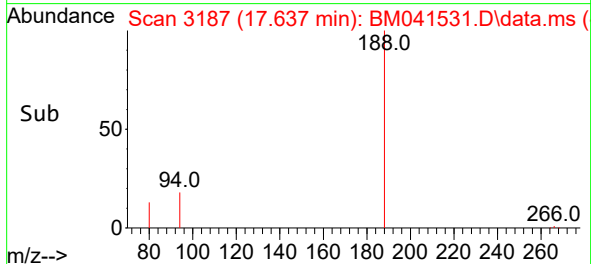
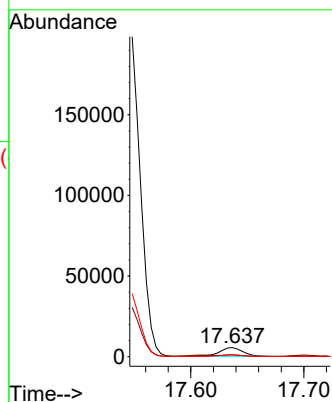
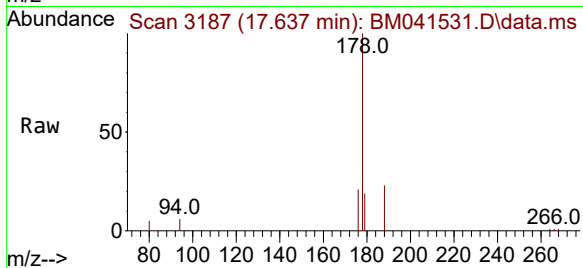
Tgt Ion:178 Resp: 7845

Ion Ratio Lower Upper

178 100

179 18.7 12.6 19.0

176 21.0 15.9 23.9



#19

Fluoranthene

Concen: 3.890 ng/ul

RT: 19.557 min Scan# 3619

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

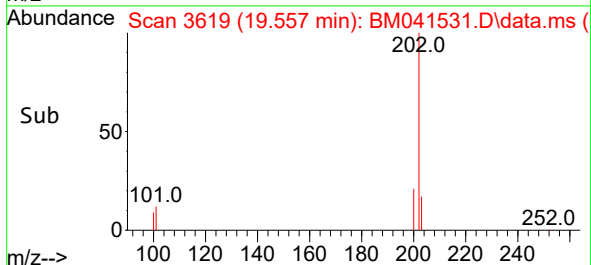
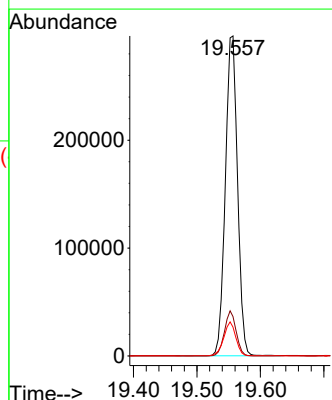
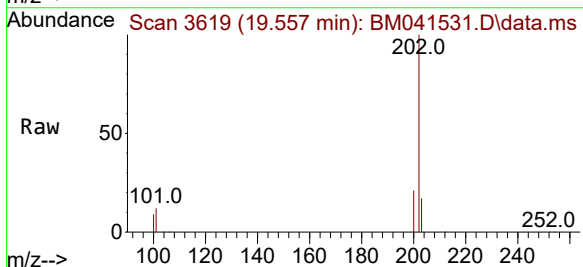
Tgt Ion:202 Resp: 395377

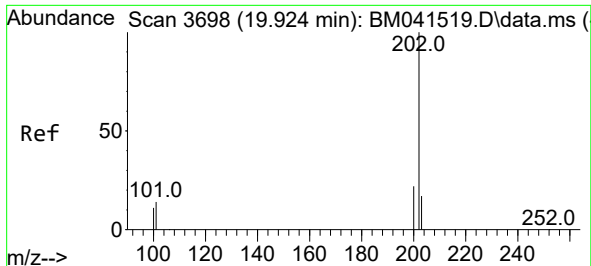
Ion Ratio Lower Upper

202 100

101 12.3 10.5 15.7

100 9.0 7.8 11.6

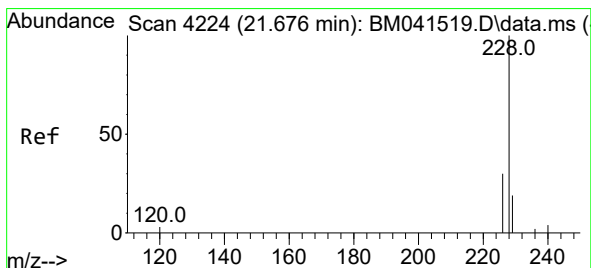
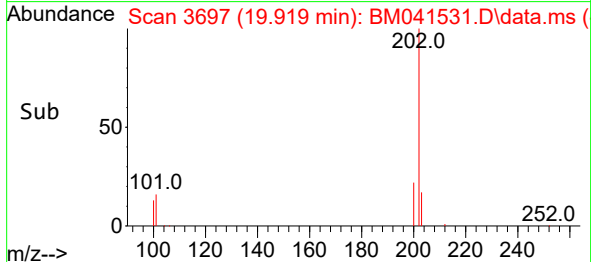
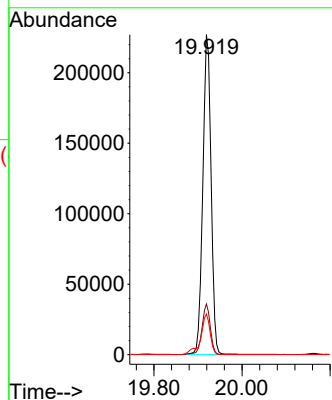
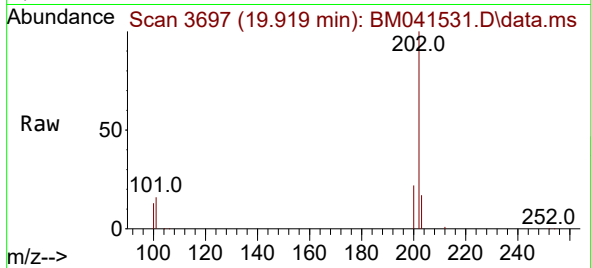




#20
Pyrene
Concen: 2.870 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

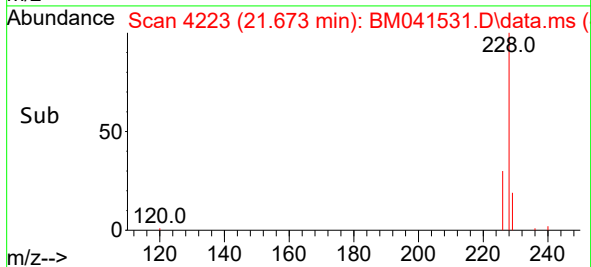
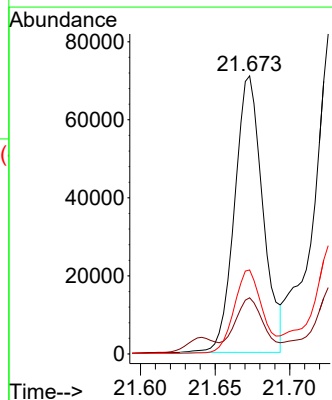
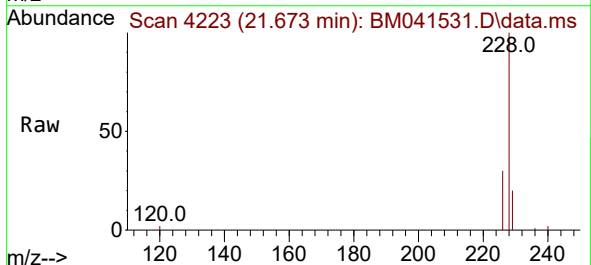
Instrument :
BNA_M
ClientSampleId :
EZY3DL

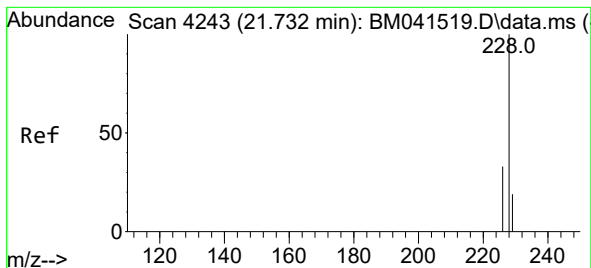
Tgt Ion:202 Resp: 295118
Ion Ratio Lower Upper
202 100
101 15.8 11.6 17.4
100 12.7 9.1 13.7



#21
Benzo(a)anthracene
Concen: 1.192 ng/ul
RT: 21.673 min Scan# 4223
Delta R.T. -0.003 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Tgt Ion:228 Resp: 93161
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 30.2 24.0 36.0





#22

Chrysene

Concen: 1.664 ng/ul

RT: 21.729 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZY3DL

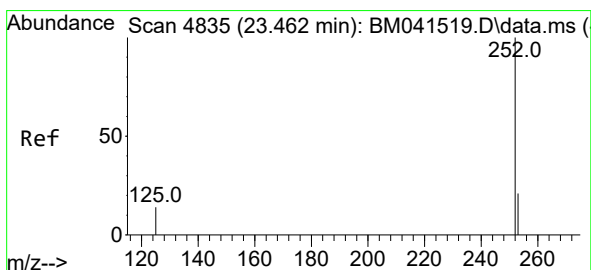
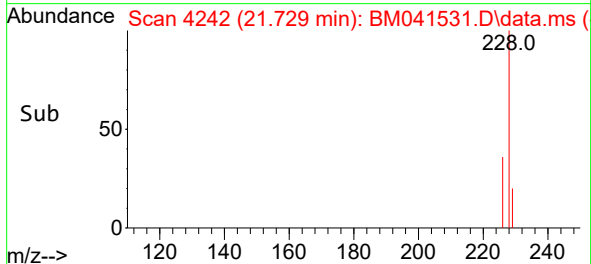
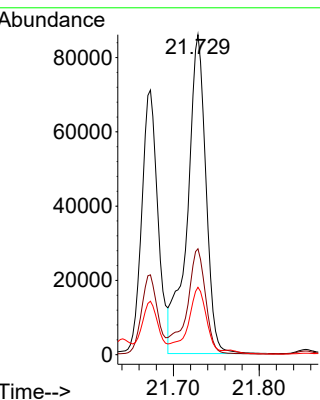
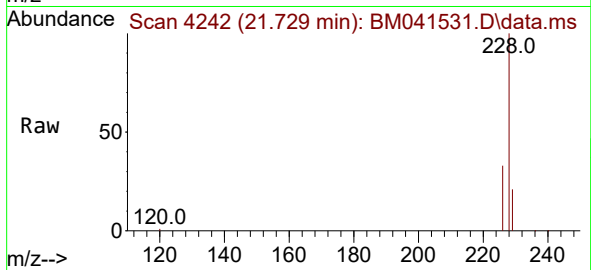
Tgt Ion:228 Resp: 128873

Ion Ratio Lower Upper

228 100

226 33.1 26.3 39.5

229 21.0 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 1.885 ng/ul

RT: 23.462 min Scan# 4835

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

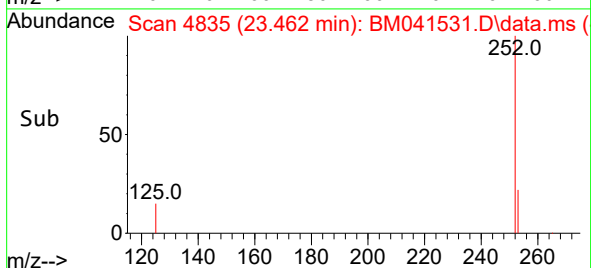
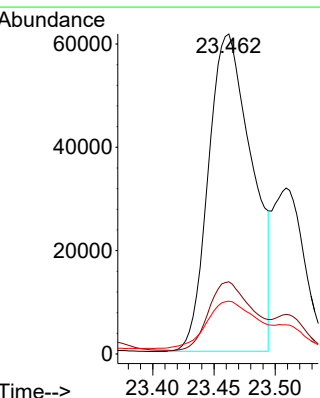
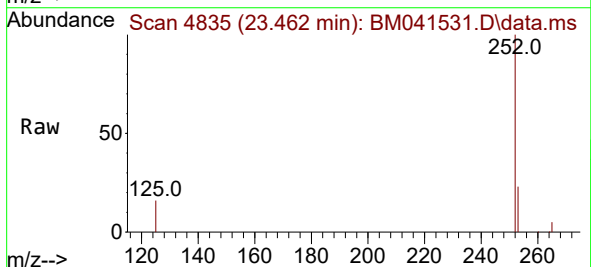
Tgt Ion:252 Resp: 152285

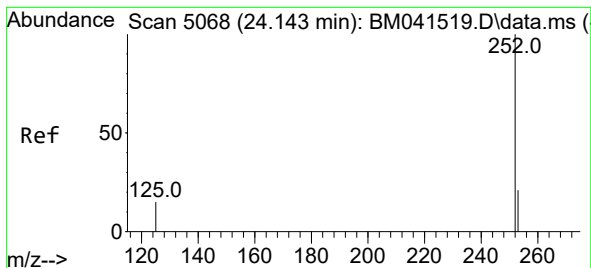
Ion Ratio Lower Upper

252 100

253 22.5 0.0 47.0

125 16.5 0.0 37.2





#26

Benzo(a)pyrene

Concen: 0.988 ng/ul

RT: 24.137 min Scan# 5066

Delta R.T. -0.006 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZYE3DL

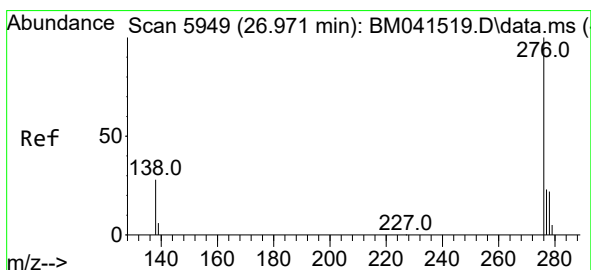
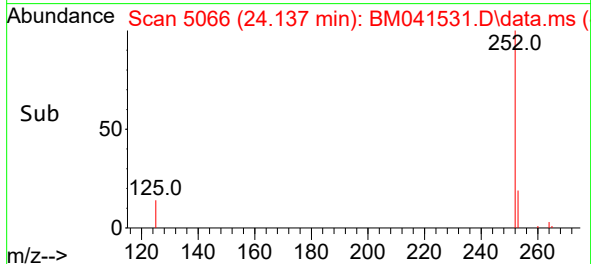
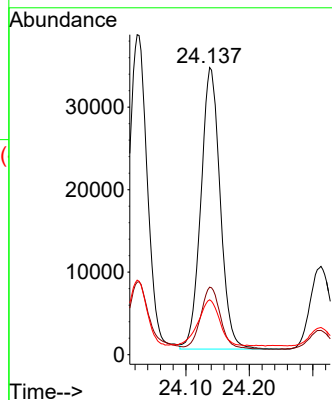
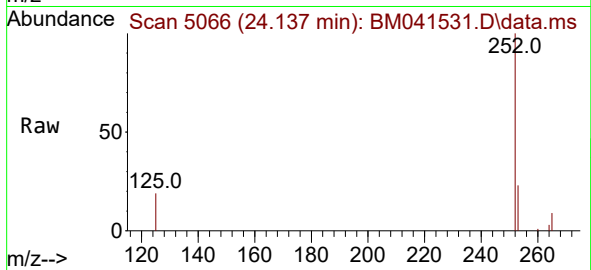
Tgt Ion:252 Resp: 72127

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

125 19.1 17.1 25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.790 ng/ul

RT: 26.961 min Scan# 5946

Delta R.T. -0.010 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

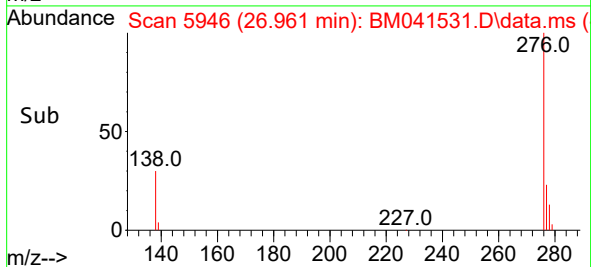
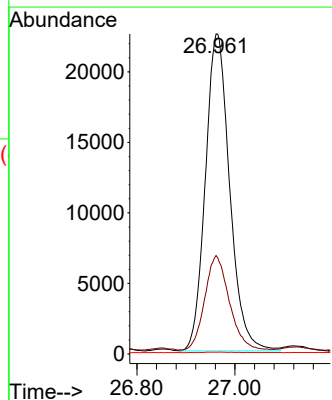
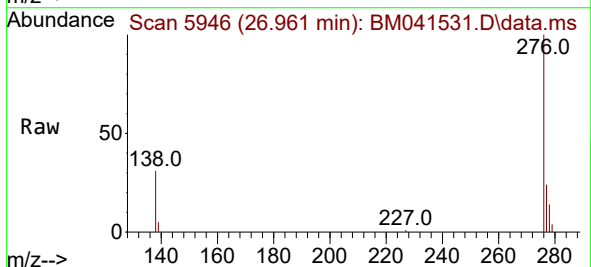
Tgt Ion:276 Resp: 77505

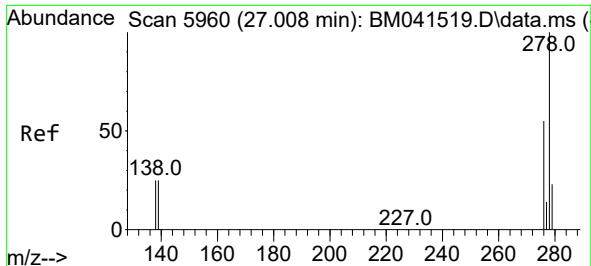
Ion Ratio Lower Upper

276 100

138 30.0 27.3 40.9

227 0.1 0.0 0.0#

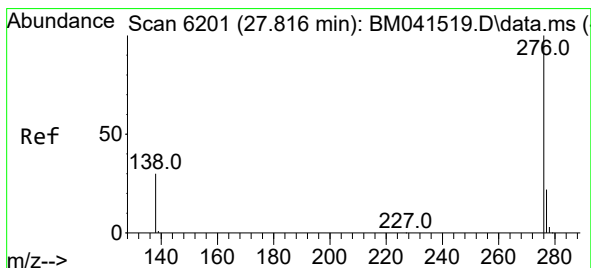
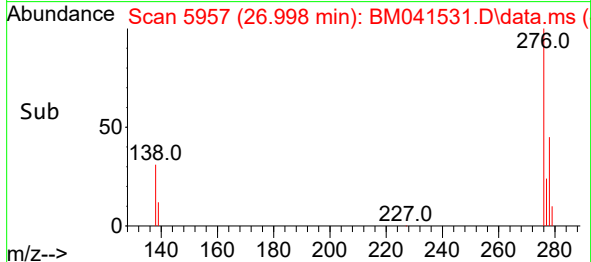
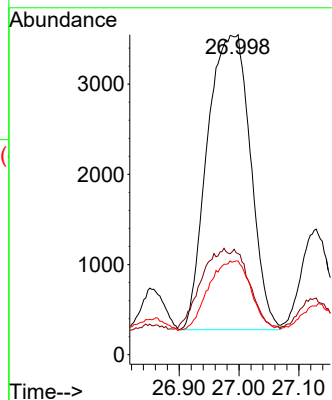
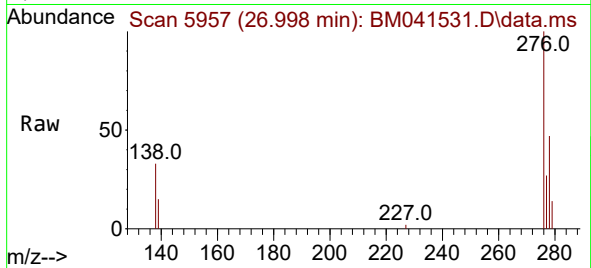




#28
Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 26.998 min Scan# 5957
Delta R.T. -0.010 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Instrument :
BNA_M
ClientSampleId :
EZY3DL

Tgt Ion:278 Resp: 16313
Ion Ratio Lower Upper
278 100
139 31.6 22.2 33.2
279 29.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.915 ng/ul
RT: 27.810 min Scan# 6199
Delta R.T. -0.006 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Tgt Ion:276 Resp: 75264
Ion Ratio Lower Upper
276 100
138 31.4 25.9 38.9
277 23.5 19.1 28.7

