

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041533.D
 Acq On : 28 Aug 2023 22:08
 Operator : MA/JU
 Sample : 04037-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH2DL

Quant Time: Aug 29 02:49:50 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)

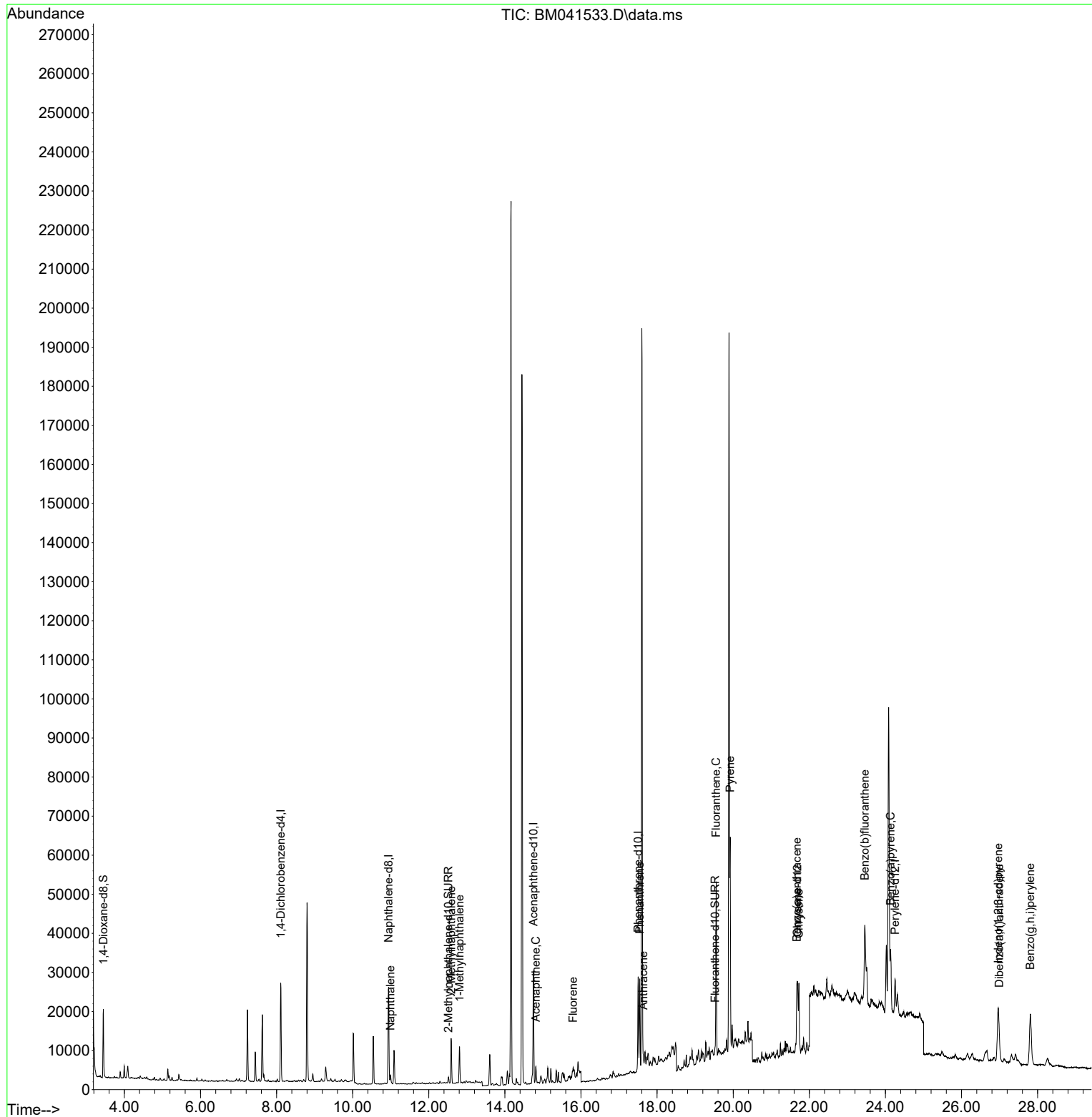
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	32136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	14445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	25215	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	10573	0.400	ng/ul	# 0.00
23) Perylene-d12	24.254	264	12670	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	10382	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1719	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	1968	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	3100	0.030	ng/ul#	90
7) 2-Methylnaphthalene	12.588	142	7945	0.127	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	6034	0.096	ng/ul	100
11) Acenaphthene	14.814	153	2705	0.040	ng/ul	94
12) Fluorene	15.795	166	2274	0.031	ng/ul#	84
15) Phenanthrene	17.544	178	23802	0.230	ng/ul#	94
16) Anthracene	17.637	178	2866	0.030	ng/ul#	63
19) Fluoranthene	19.552	202	35916	0.367	ng/ul	96
20) Pyrene	19.919	202	43411	0.438	ng/ul#	93
21) Benzo(a)anthracene	21.670	228	13896	0.184	ng/ul#	85
22) Chrysene	21.726	228	14969	0.201	ng/ul#	86
24) Benzo(b)fluoranthene	23.459	252	35266	0.438	ng/ul#	1
26) Benzo(a)pyrene	24.137	252	22160	0.304	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.964	276	26718	0.273	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.991	278	5905	0.084	ng/ul#	1
29) Benzo(g,h,i)perylene	27.810	276	30789	0.376	ng/ul#	83

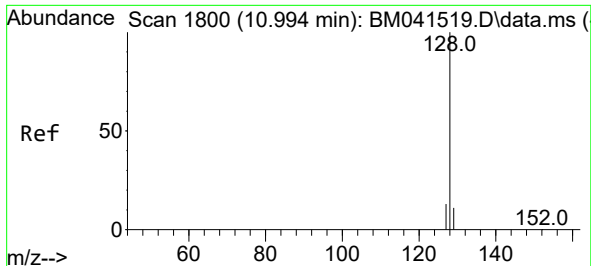
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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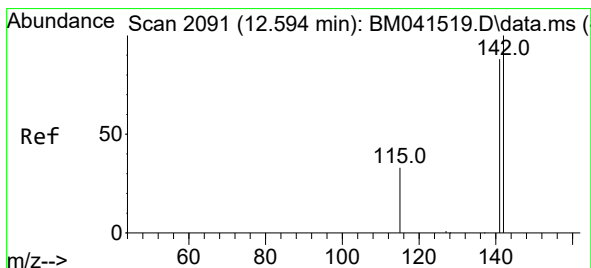
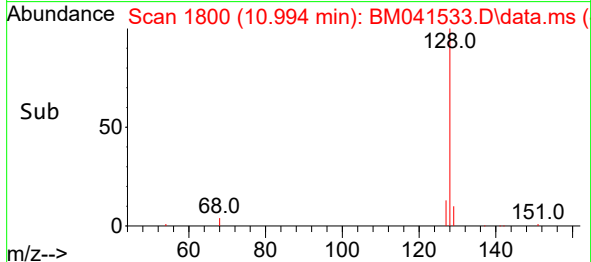
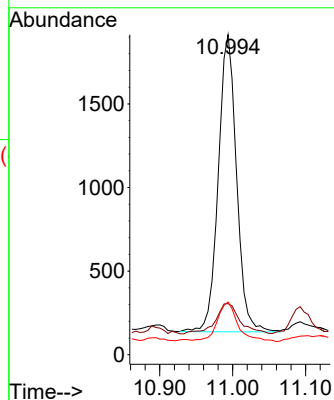
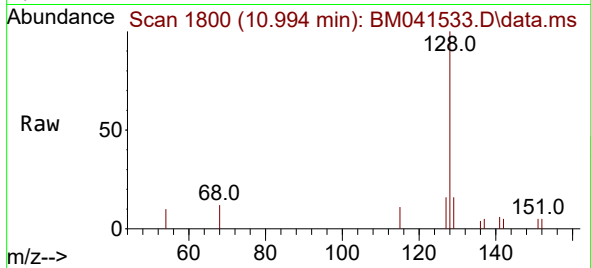




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

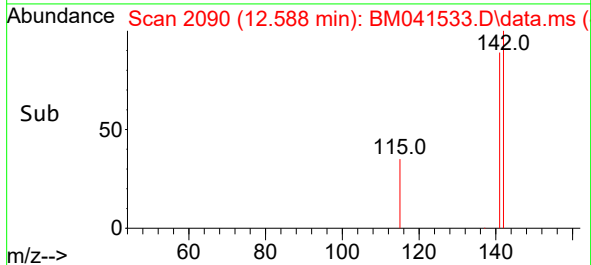
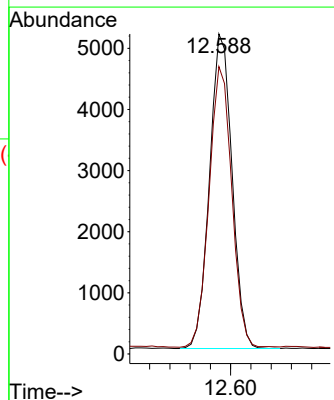
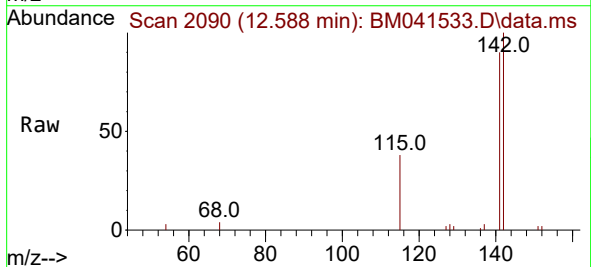
Instrument :
BNA_M
ClientSampleId :
EZYH2DL

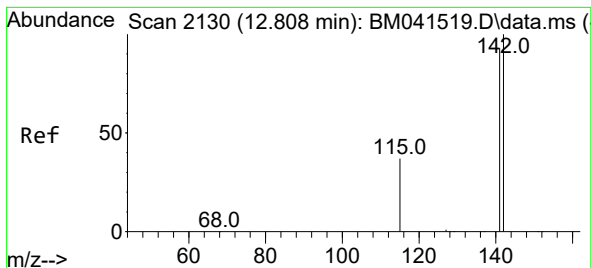
Tgt Ion:128 Resp: 3100
Ion Ratio Lower Upper
128 100
129 16.0 8.9 13.3#
127 16.5 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Tgt Ion:142 Resp: 7945
Ion Ratio Lower Upper
142 100
141 89.7 71.0 106.6





#8

1-Methylnaphthalene

Concen: 0.096 ng/ul

RT: 12.808 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

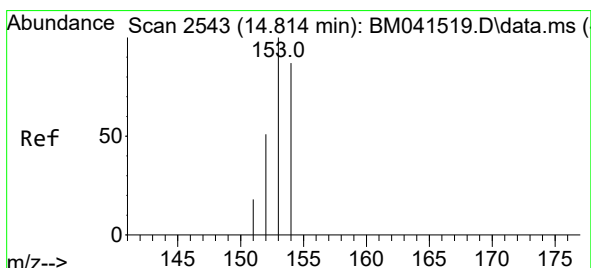
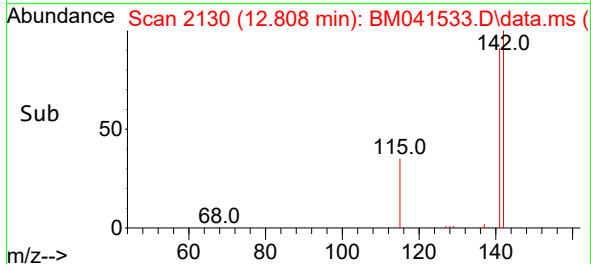
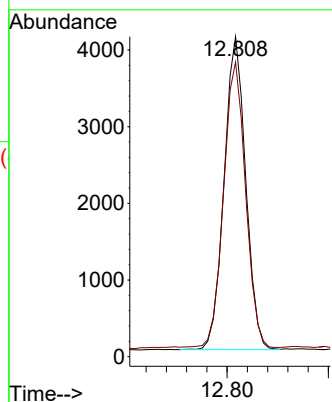
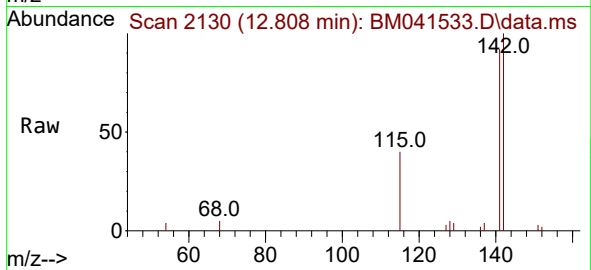
EZYH2DL

Tgt Ion:142 Resp: 6034

Ion Ratio Lower Upper

142 100

141 92.8 73.9 110.9



#11

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.814 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

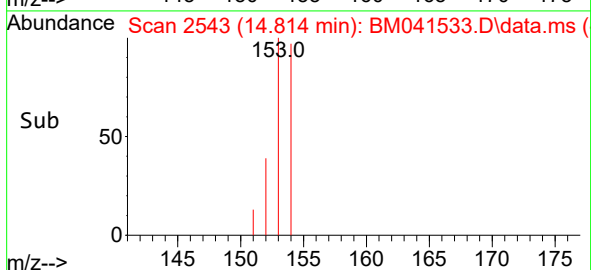
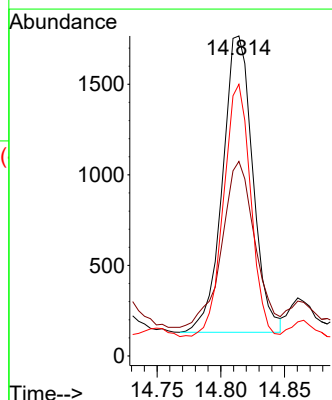
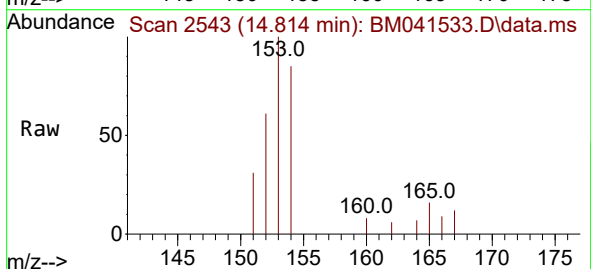
Tgt Ion:153 Resp: 2705

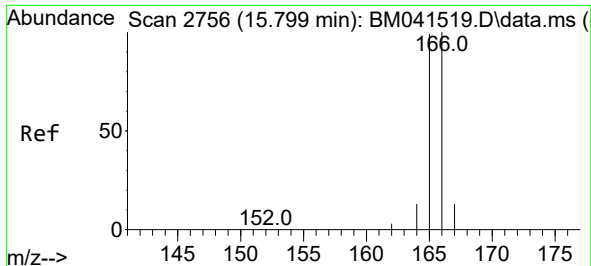
Ion Ratio Lower Upper

153 100

152 60.8 41.1 61.7

154 84.9 69.4 104.0

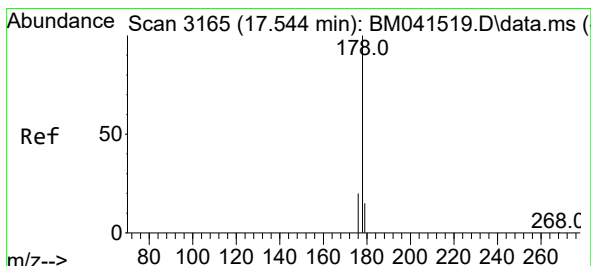
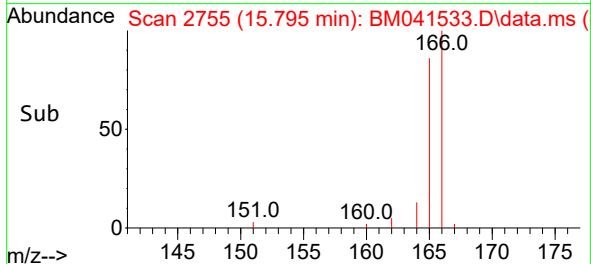
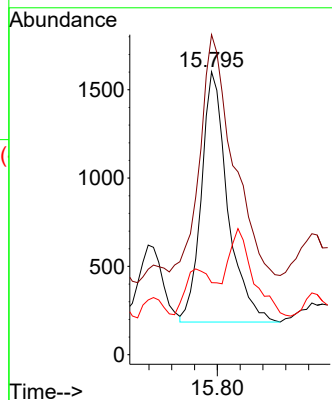
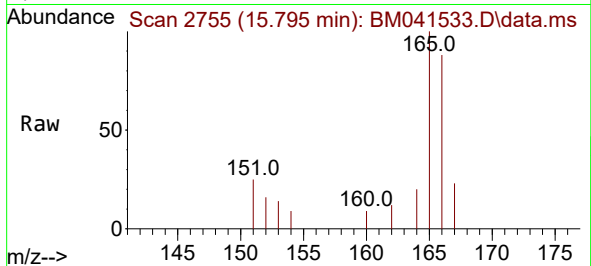




#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.795 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

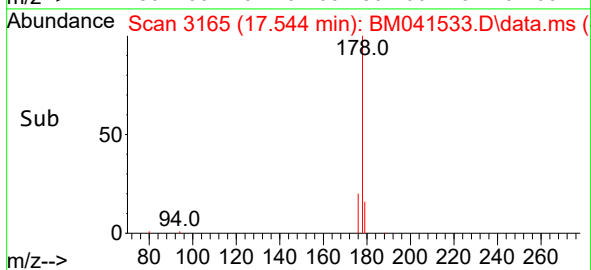
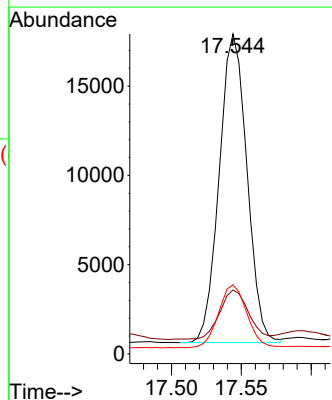
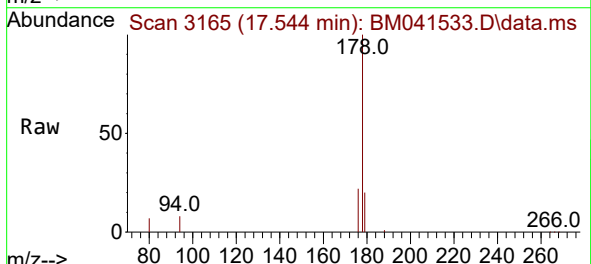
Instrument :
BNA_M
ClientSampleId :
EZYH2DL

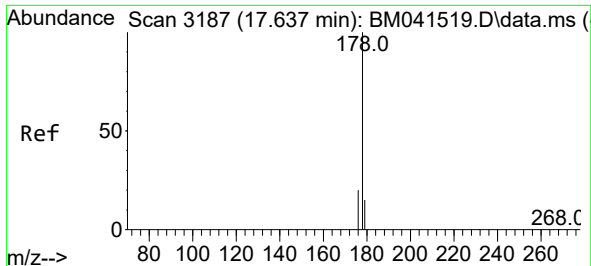
Tgt Ion:166 Resp: 2274
Ion Ratio Lower Upper
166 100
165 113.1 79.2 118.8
167 25.5 10.8 16.2#



#15
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Tgt Ion:178 Resp: 23802
Ion Ratio Lower Upper
178 100
179 20.0 12.6 18.8#
176 21.6 16.3 24.5

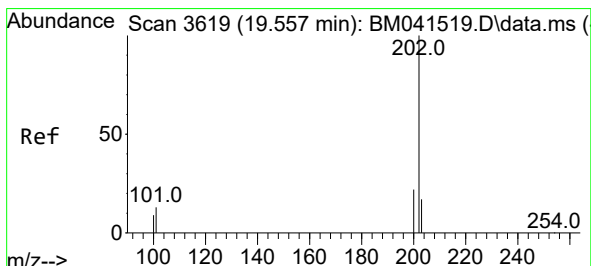
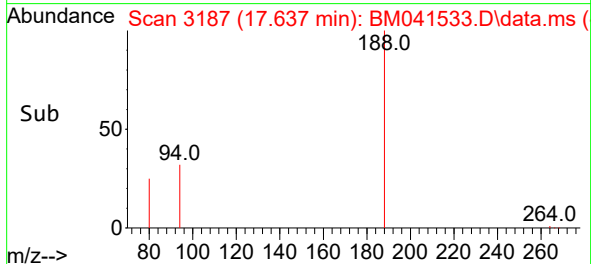
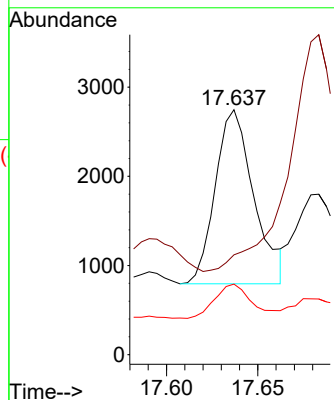
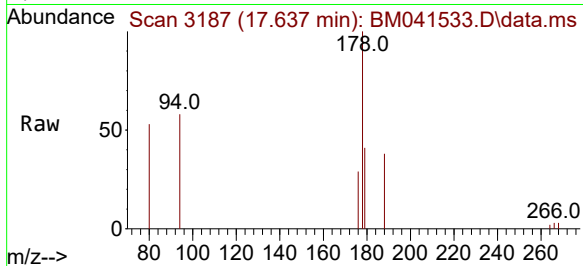




#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.637 min Scan# 3187
 Delta R.T. 0.000 min
 Lab File: BM041533.D
 Acq: 28 Aug 2023 22:08

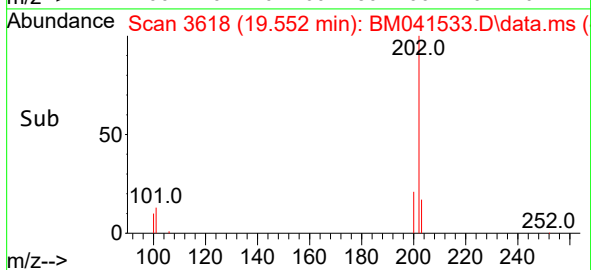
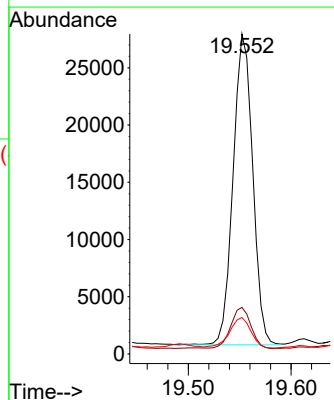
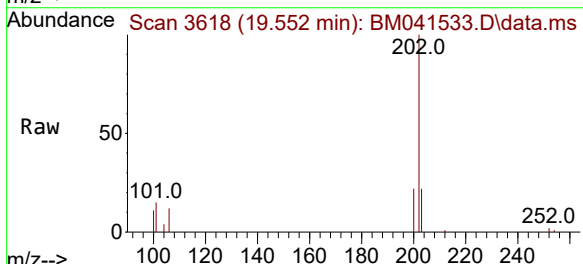
Instrument :
 BNA_M
 ClientSampleId :
 EZYH2DL

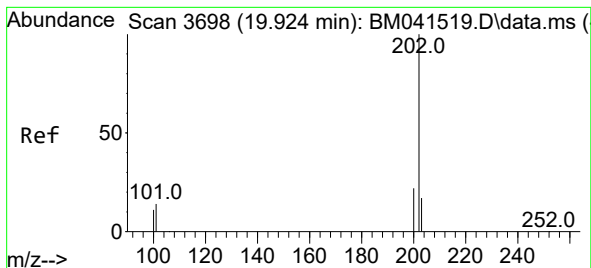
Tgt Ion:178 Resp: 2866
 Ion Ratio Lower Upper
 178 100
 179 40.8 12.6 19.0#
 176 28.8 15.9 23.9#



#19
 Fluoranthene
 Concen: 0.367 ng/ul
 RT: 19.552 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BM041533.D
 Acq: 28 Aug 2023 22:08

Tgt Ion:202 Resp: 35916
 Ion Ratio Lower Upper
 202 100
 101 14.5 10.5 15.7
 100 11.4 7.8 11.6





#20

Pyrene

Concen: 0.438 ng/ul

RT: 19.919 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL

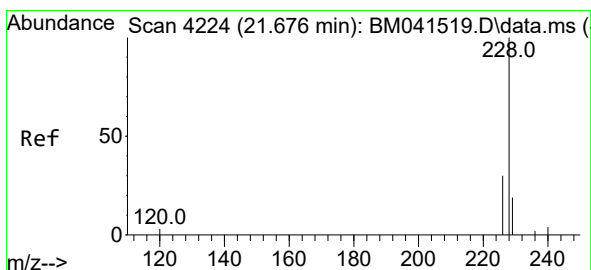
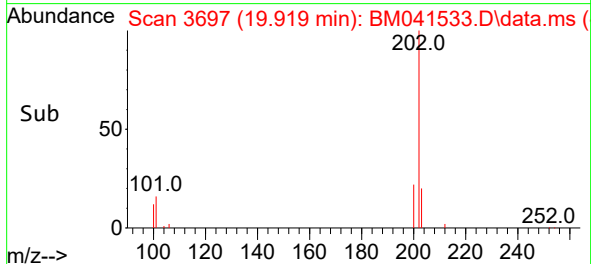
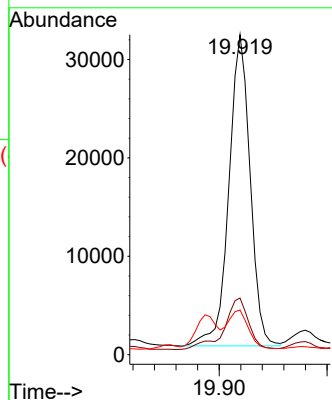
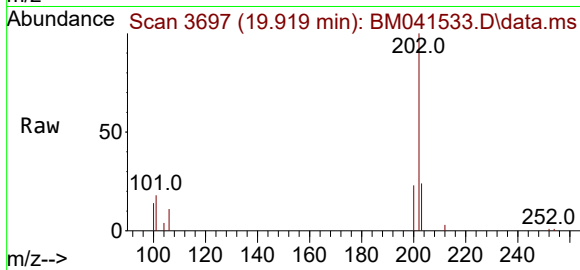
Tgt Ion:202 Resp: 43411

Ion Ratio Lower Upper

202 100

101 17.7 11.6 17.4#

100 13.9 9.1 13.7#



#21

Benzo(a)anthracene

Concen: 0.184 ng/ul

RT: 21.670 min Scan# 4222

Delta R.T. -0.006 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

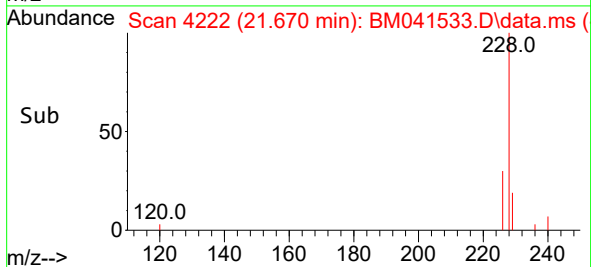
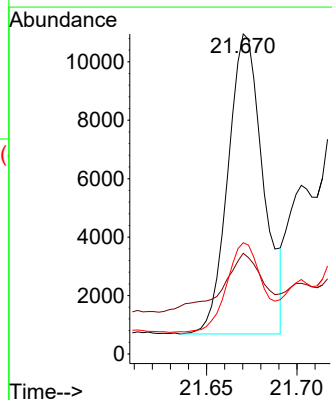
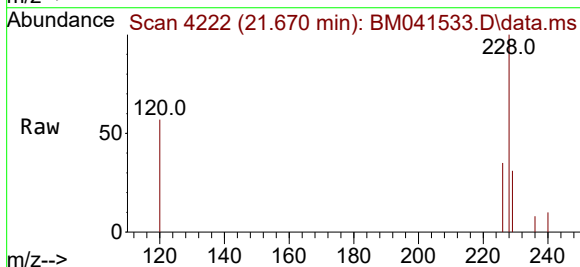
Tgt Ion:228 Resp: 13896

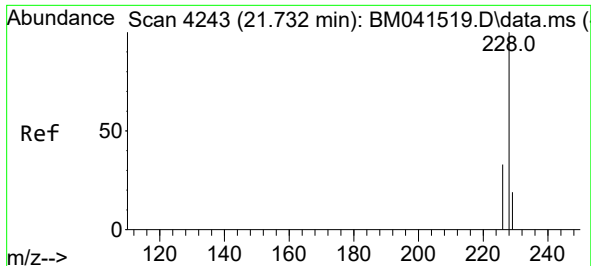
Ion Ratio Lower Upper

228 100

229 31.4 15.8 23.6#

226 34.7 24.0 36.0





#22

Chrysene

Concen: 0.201 ng/ul

RT: 21.726 min Scan# 4241

Delta R.T. -0.006 min

Lab File: BM041533.D

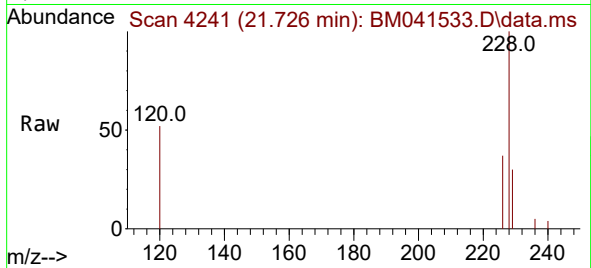
Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL



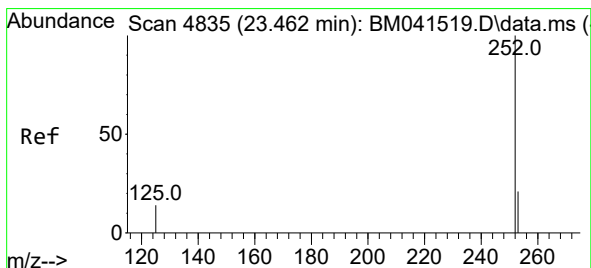
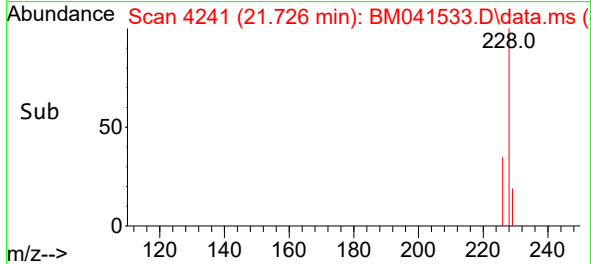
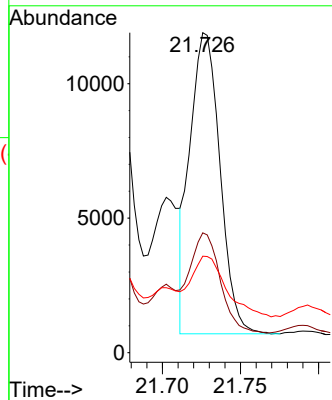
Tgt Ion:228 Resp: 14969

Ion Ratio Lower Upper

228 100

226 37.4 26.3 39.5

229 30.2 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.438 ng/ul

RT: 23.459 min Scan# 4834

Delta R.T. -0.003 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

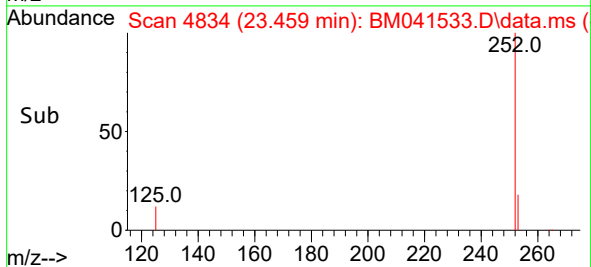
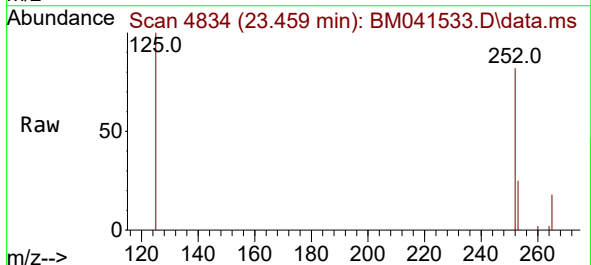
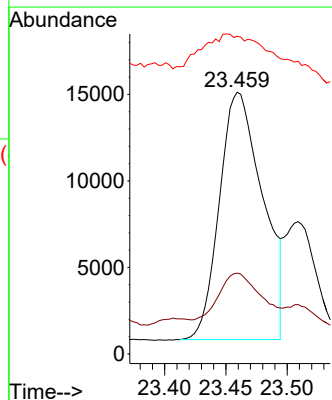
Tgt Ion:252 Resp: 35266

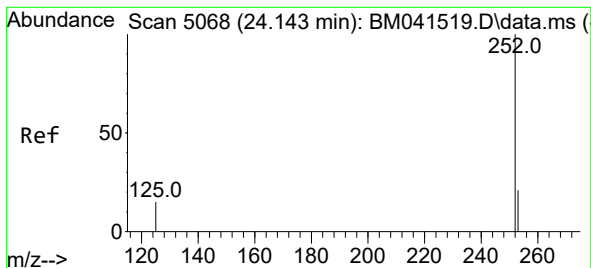
Ion Ratio Lower Upper

252 100

253 30.9 0.0 47.0

125 121.4 0.0 37.2#





#26

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 24.137 min Scan# 5066

Delta R.T. -0.006 min

Lab File: BM041533.D

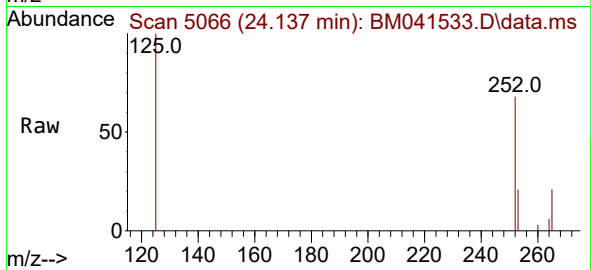
Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL



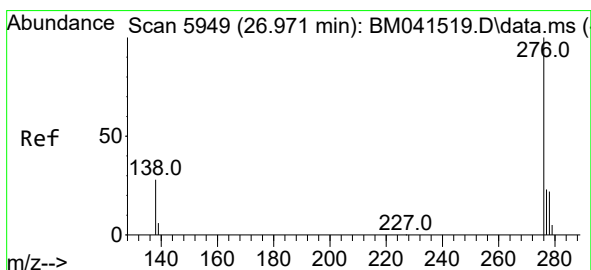
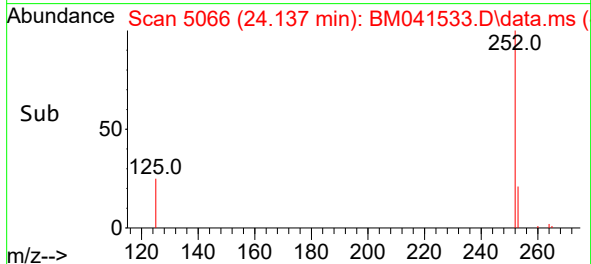
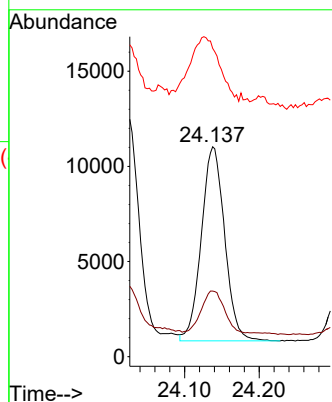
Tgt Ion:252 Resp: 22160

Ion Ratio Lower Upper

252 100

253 31.2 20.0 30.0#

125 146.9 17.1 25.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.273 ng/ul

RT: 26.964 min Scan# 5947

Delta R.T. -0.007 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

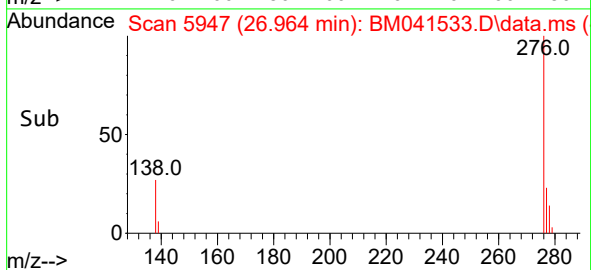
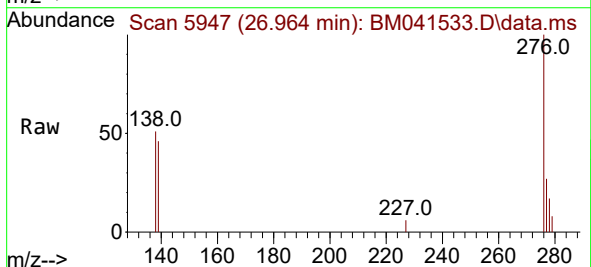
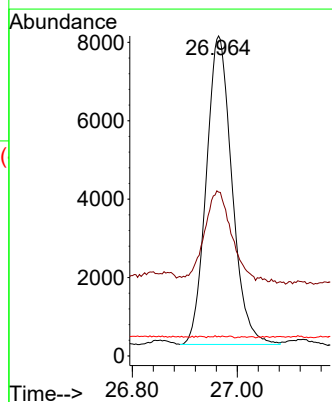
Tgt Ion:276 Resp: 26718

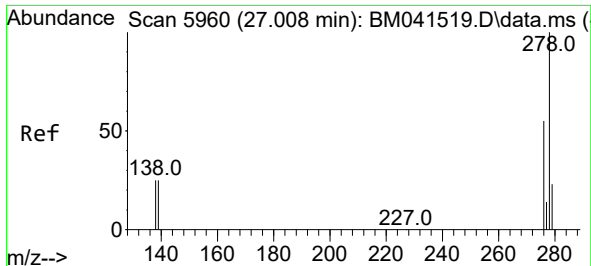
Ion Ratio Lower Upper

276 100

138 30.0 27.3 40.9

227 0.2 0.0 0.0#

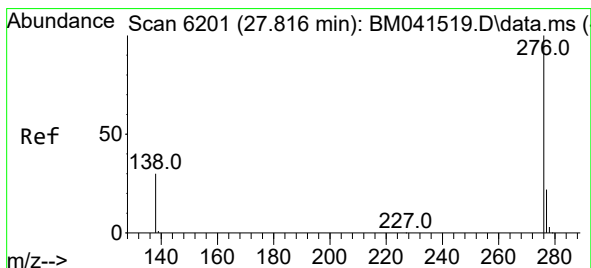
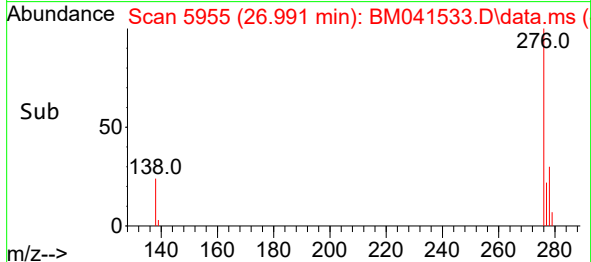
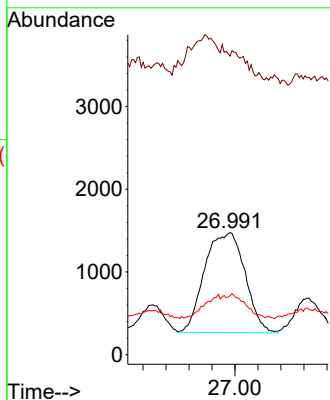
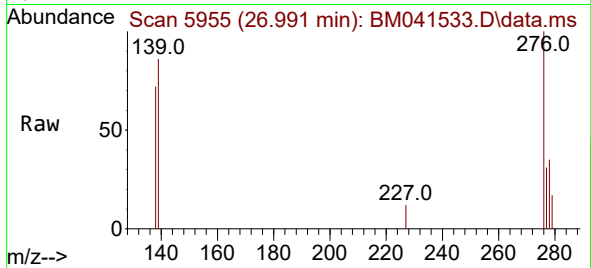




#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.991 min Scan# 5905
Delta R.T. -0.017 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Instrument :
BNA_M
ClientSampleId :
EZYH2DL

Tgt Ion:278 Resp: 5905
Ion Ratio Lower Upper
278 100
139 244.7 22.2 33.2#
279 48.2 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.810 min Scan# 6199
Delta R.T. -0.007 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Tgt Ion:276 Resp: 30789
Ion Ratio Lower Upper
276 100
138 46.8 25.9 38.9#
277 26.1 19.1 28.7

