

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045593.D
 Acq On : 26 Apr 2024 18:25
 Operator : MA/JU
 Sample : P2203-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CW8

Quant Time: Apr 26 23:52:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

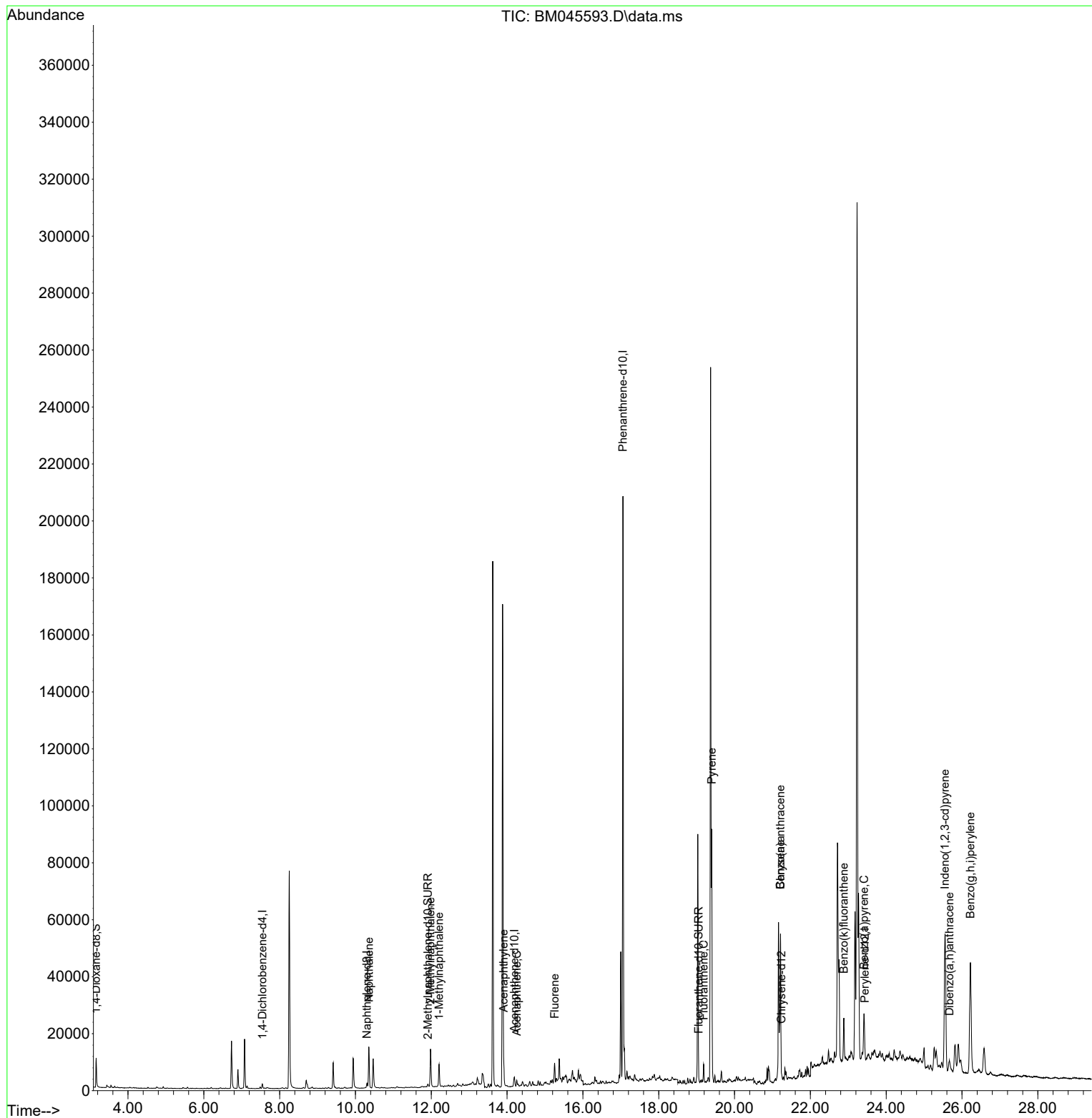
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	903	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2516	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.191	164	1433	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.056	188	225190	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.231	240	71	0.400	ng/ul	# 0.04
23) Perylene-d12	23.438	264	464	0.400	ng/ul	# 0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	6345	5.242	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1396	0.421	ng/ul	-0.02
18) Fluoranthene-d10	19.057	212	126	0.564	ng/ul	0.04
Target Compounds					Qvalue	
5) Naphthalene	10.353	128	19698	2.915	ng/ul#	87
7) 2-Methylnaphthalene	11.980	142	9919	2.570	ng/ul	98
8) 1-Methylnaphthalene	12.206	142	5575	1.288	ng/ul	100
10) Acenaphthylene	13.909	152	7772	1.100	ng/ul	98
11) Acenaphthene	14.256	153	1414	0.269	ng/ul	96
12) Fluorene	15.255	166	4011	0.715	ng/ul#	90
19) Fluoranthene	19.182	202	5488	16.750	ng/ul	99
20) Pyrene	19.396	202	73115	217.100	ng/ul#	91
21) Benzo(a)anthracene	21.211	228	52269	230.312	ng/ul	99
22) Chrysene	21.211	228	53225	152.533	ng/ul	98
25) Benzo(k)fluoranthene	22.882	252	18419	9.340	ng/ul#	52
26) Benzo(a)pyrene	23.414	252	20036	12.377	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	25.551	276	72904	30.986	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.666	278	6041	3.238	ng/ul#	28
29) Benzo(g,h,i)perylene	26.219	276	79130	37.430	ng/ul	96

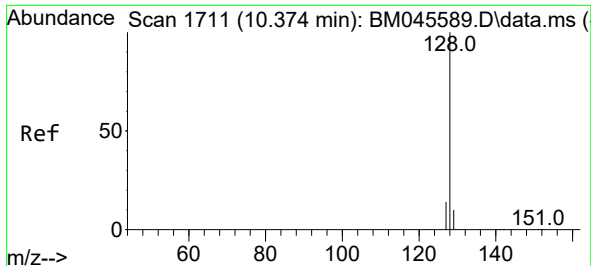
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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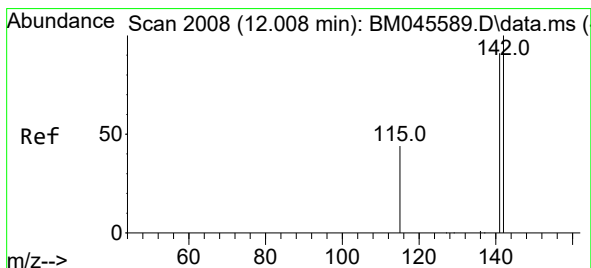
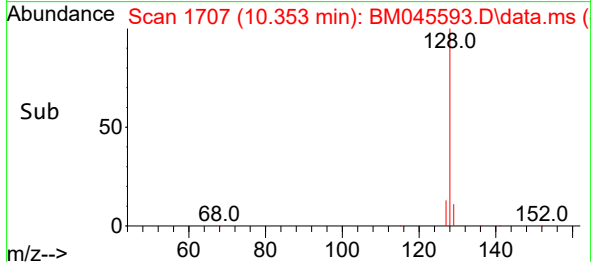
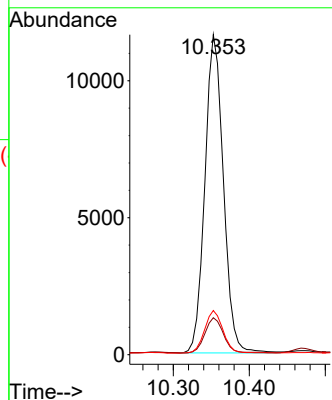
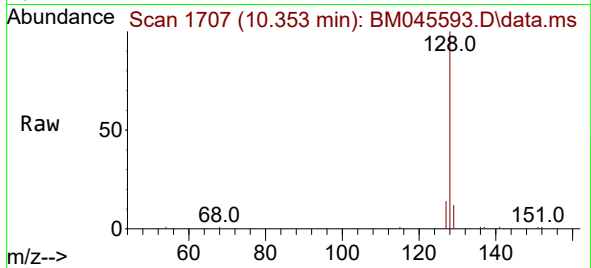




#5
Naphthalene
Concen: 2.915 ng/ul
RT: 10.353 min Scan# 1707
Delta R.T. -0.027 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

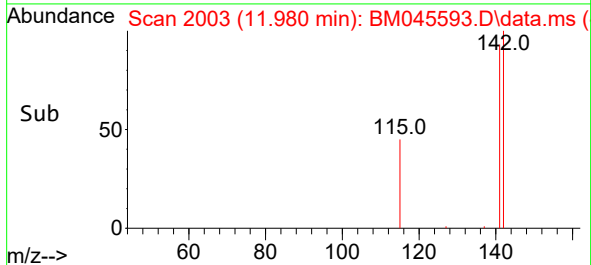
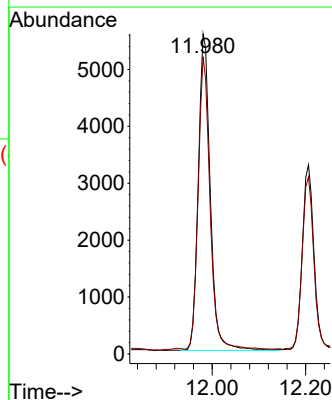
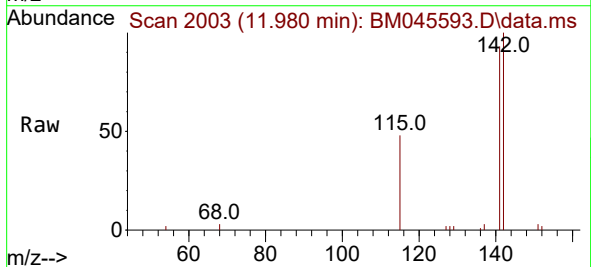
Instrument :
BNA_N
ClientSampleId :
E1CW8

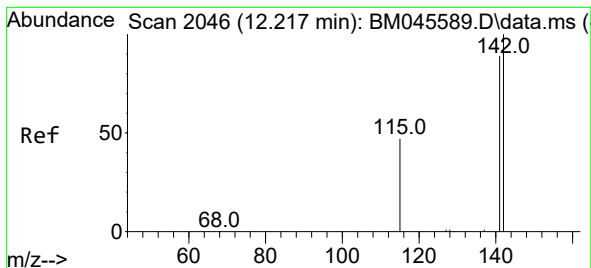
Tgt Ion:128 Resp: 19698
Ion Ratio Lower Upper
128 100
129 11.6 14.0 21.0#
127 13.8 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 2.570 ng/ul
RT: 11.980 min Scan# 2003
Delta R.T. -0.027 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Tgt Ion:142 Resp: 9919
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#8

1-Methylnaphthalene

Concen: 1.288 ng/ul

RT: 12.206 min Scan# 2044

Delta R.T. -0.016 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_N

ClientSampleId :

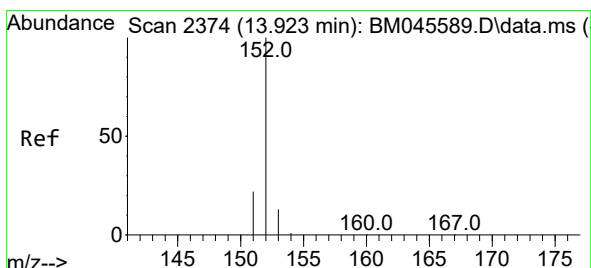
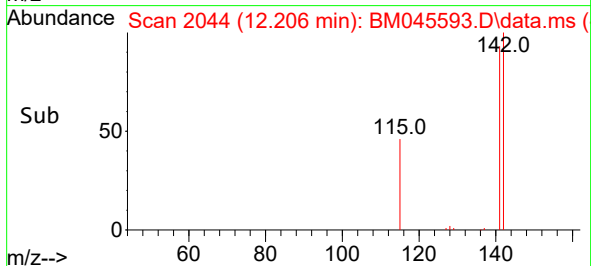
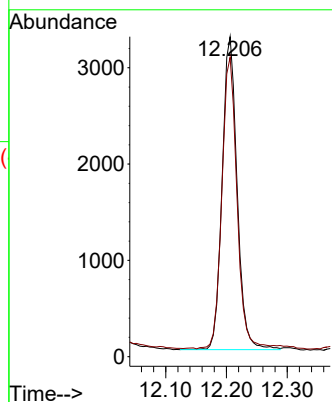
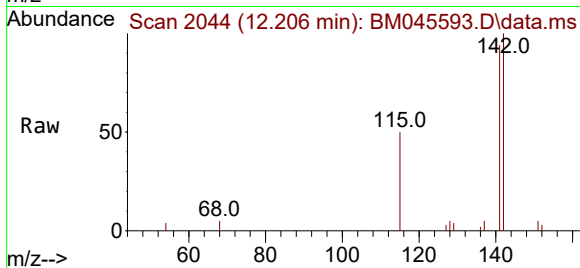
E1CW8

Tgt Ion:142 Resp: 5575

Ion Ratio Lower Upper

142 100

141 95.0 76.1 114.1



#10

Acenaphthylene

Concen: 1.100 ng/ul

RT: 13.909 min Scan# 2371

Delta R.T. -0.018 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

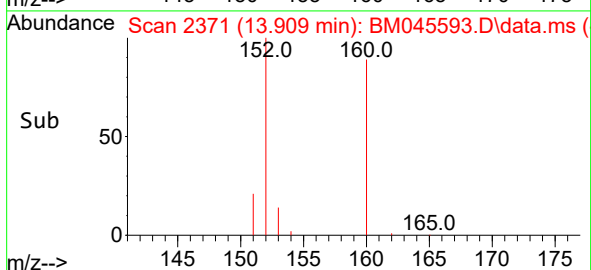
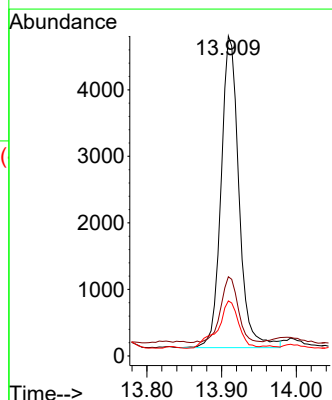
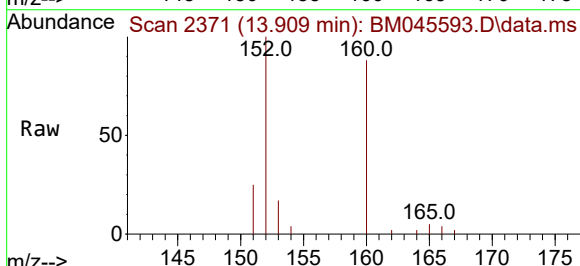
Tgt Ion:152 Resp: 7772

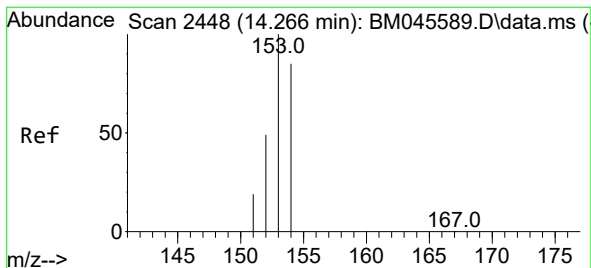
Ion Ratio Lower Upper

152 100

151 24.7 18.6 28.0

153 17.2 14.1 21.1





#11

Acenaphthene

Concen: 0.269 ng/ul

RT: 14.256 min Scan# 2446

Delta R.T. -0.014 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_N

ClientSampleId :

E1CW8

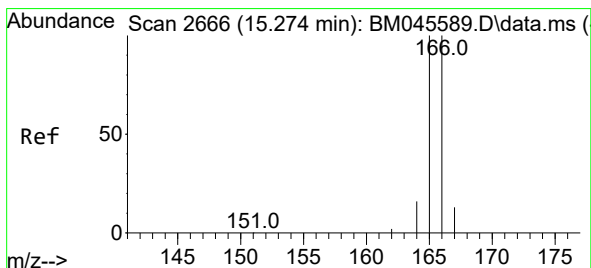
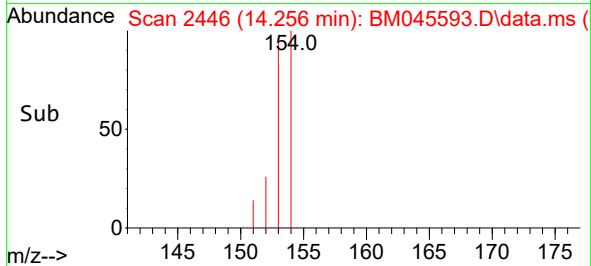
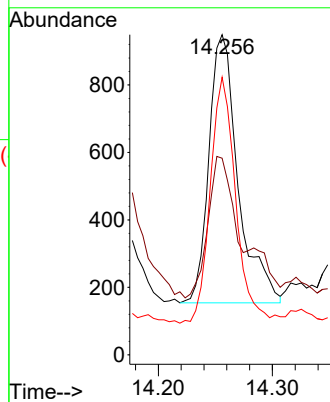
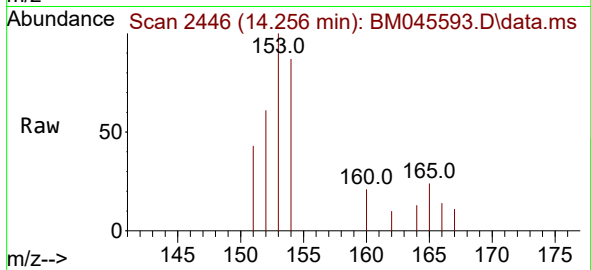
Tgt Ion:153 Resp: 1414

Ion Ratio Lower Upper

153 100

152 61.4 43.4 65.2

154 86.7 69.0 103.6



#12

Fluorene

Concen: 0.715 ng/ul

RT: 15.255 min Scan# 2662

Delta R.T. -0.023 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

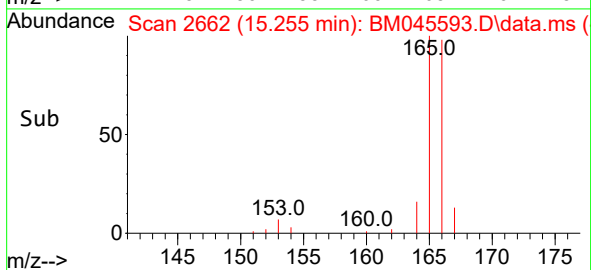
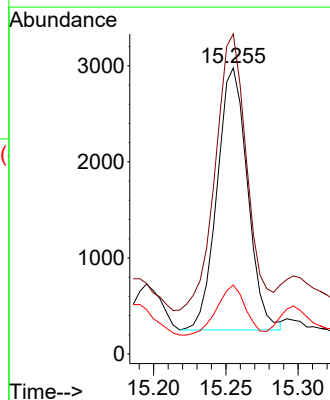
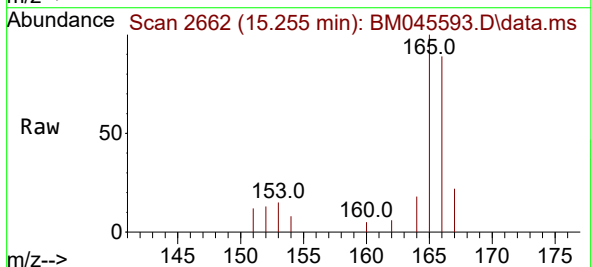
Tgt Ion:166 Resp: 4011

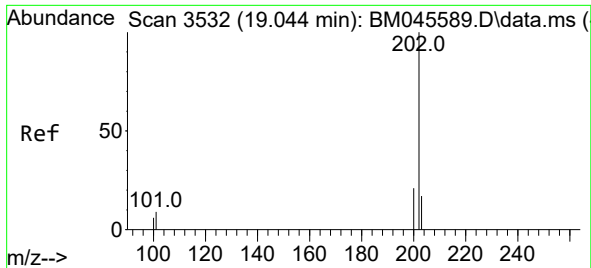
Ion Ratio Lower Upper

166 100

165 111.9 82.2 123.2

167 24.1 14.8 22.2#

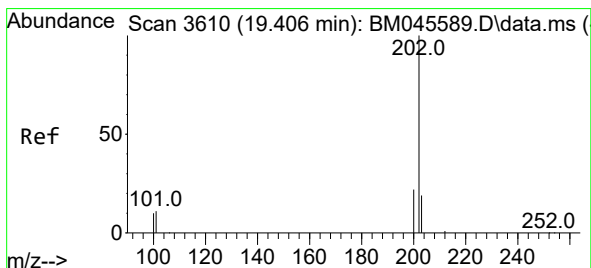
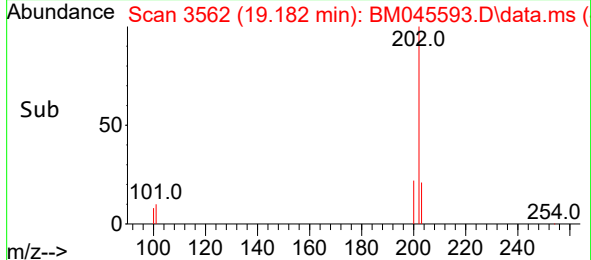
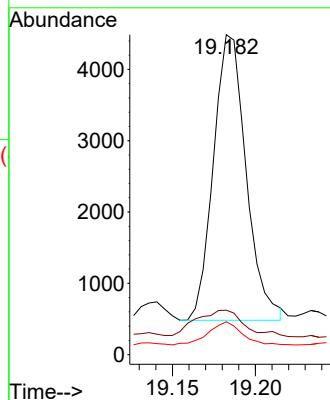
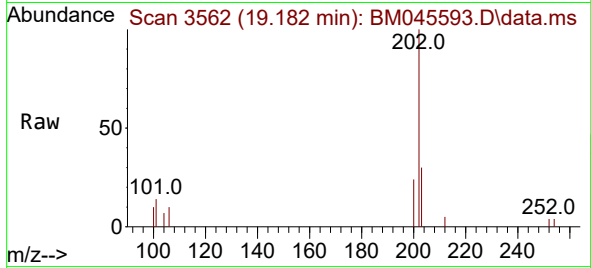




#19
Fluoranthene
Concen: 16.750 ng/ul
RT: 19.182 min Scan# 3562
Delta R.T. 0.135 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

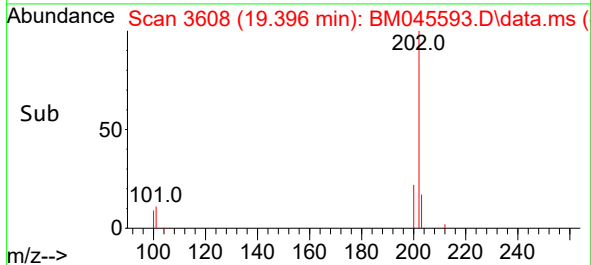
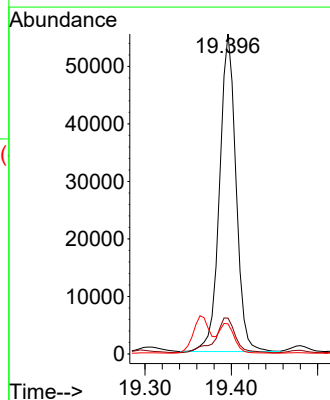
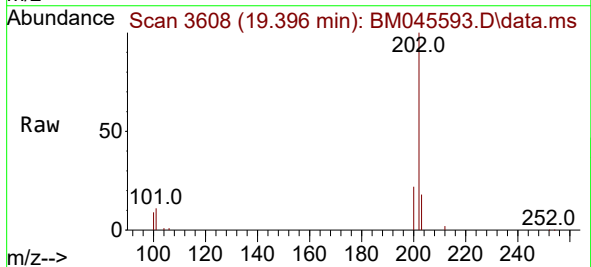
Instrument :
BNA_N
ClientSampleId :
E1CW8

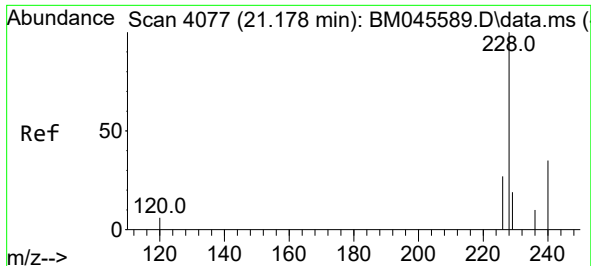
Tgt Ion:202 Resp: 5488
Ion Ratio Lower Upper
202 100
101 13.9 11.2 16.8
100 10.3 9.1 13.7



#20
Pyrene
Concen: 217.100 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Tgt Ion:202 Resp: 73115
Ion Ratio Lower Upper
202 100
101 11.2 11.5 17.3#
100 9.4 10.6 15.8#

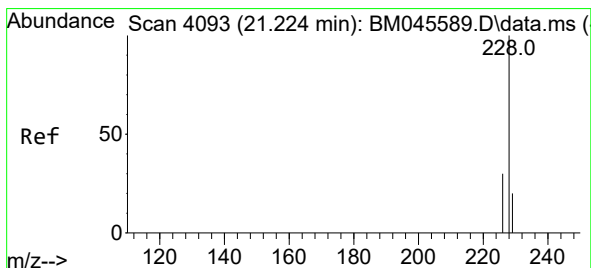
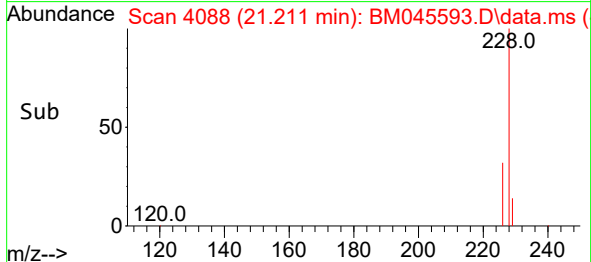
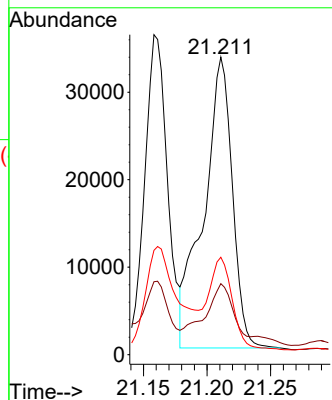
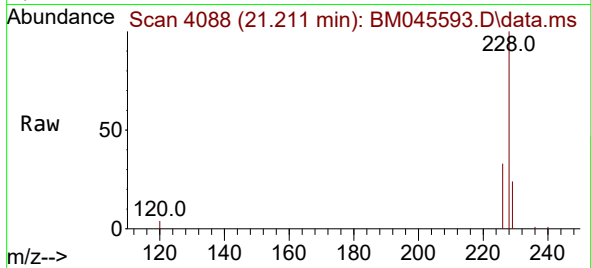




#21
Benzo(a)anthracene
Concen: 230.312 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. 0.029 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

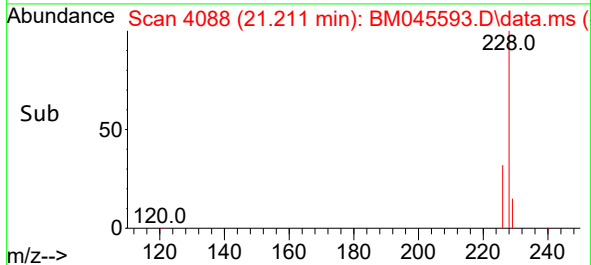
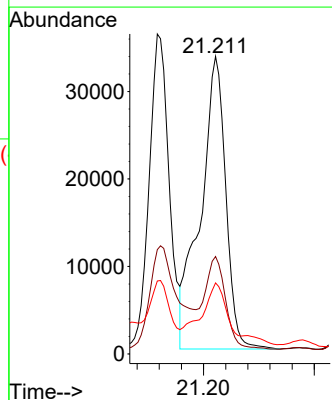
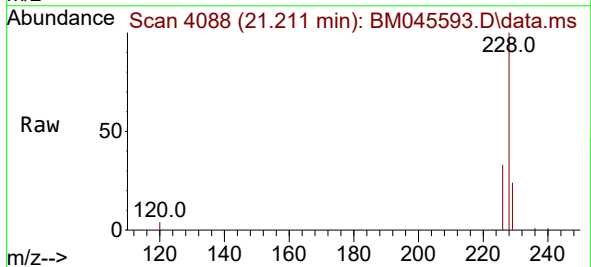
Instrument :
BNA_N
ClientSampleId :
E1CW8

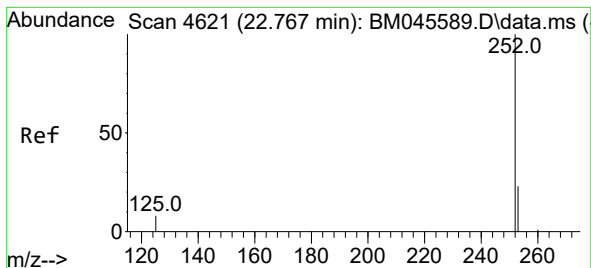
Tgt Ion:228 Resp: 52269
Ion Ratio Lower Upper
228 100
229 23.9 19.4 29.2
226 32.7 26.3 39.5



#22
Chrysene
Concen: 152.533 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.017 min
Lab File: BM045593.D
Acq: 26 Apr 2024 18:25

Tgt Ion:228 Resp: 53225
Ion Ratio Lower Upper
228 100
226 32.7 26.3 39.5
229 23.9 17.8 26.8





#25

Benzo(k)fluoranthene

Concen: 9.340 ng/ul

RT: 22.882 min Scan# 4

Delta R.T. 0.111 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_N

ClientSampleId :

E1CW8

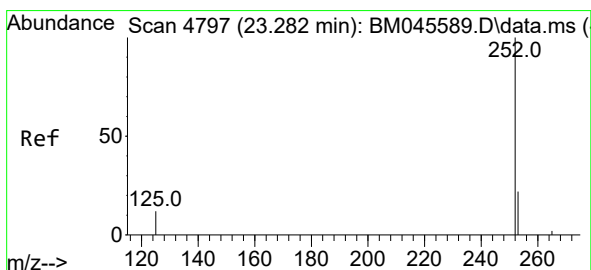
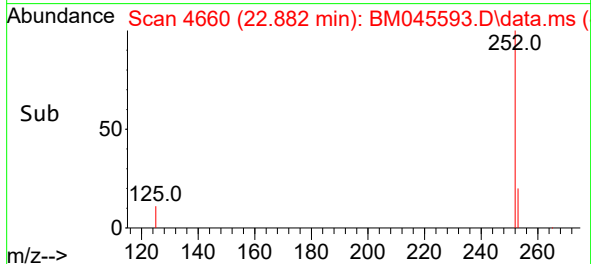
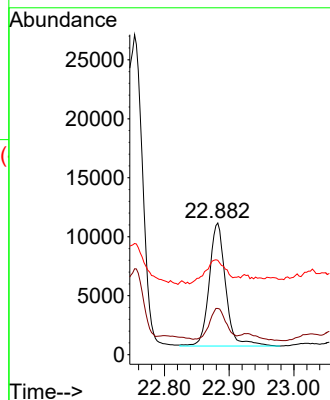
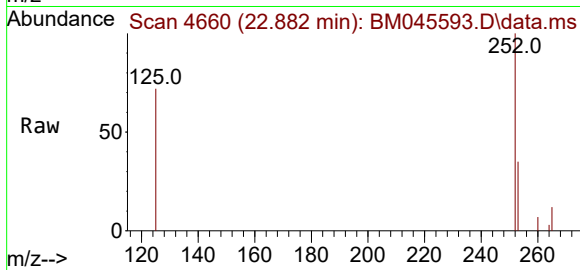
Tgt Ion:252 Resp: 18419

Ion Ratio Lower Upper

252 100

253 35.2 25.4 38.0

125 71.7 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 12.377 ng/ul

RT: 23.414 min Scan# 4842

Delta R.T. 0.123 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

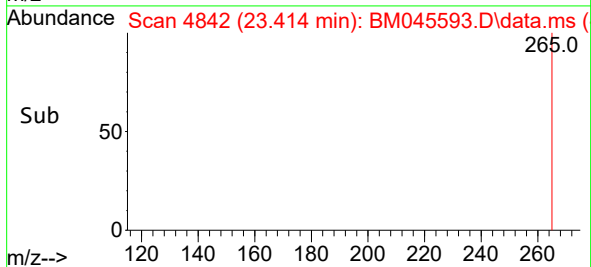
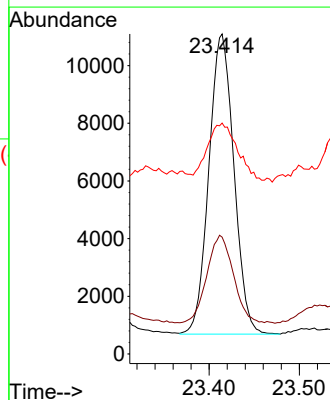
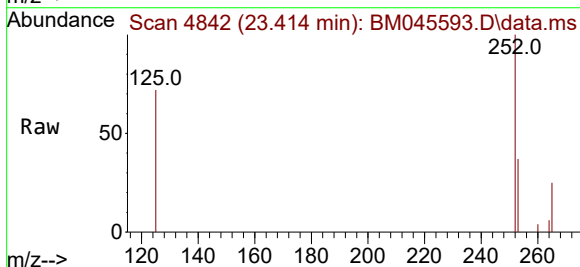
Tgt Ion:252 Resp: 20036

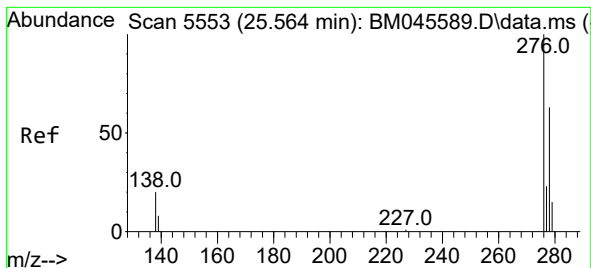
Ion Ratio Lower Upper

252 100

253 36.5 31.6 47.4

125 72.2 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 30.986 ng/ul

RT: 25.551 min Scan# 5

Delta R.T. -0.020 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_N

ClientSampleId :

E1CW8

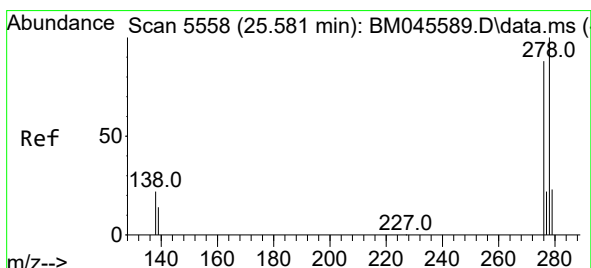
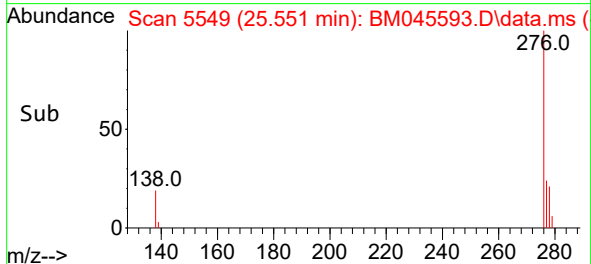
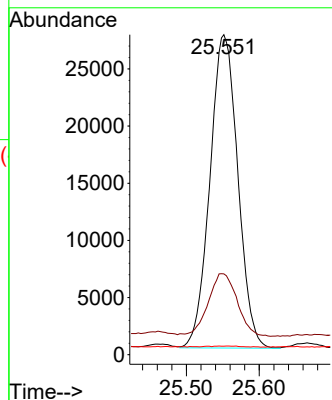
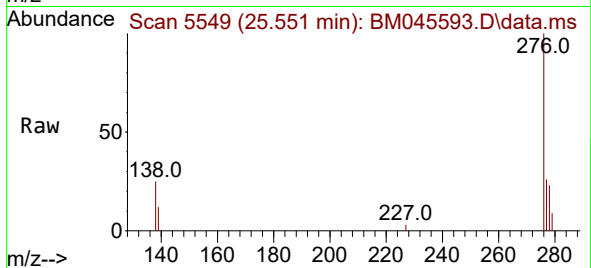
Tgt Ion:276 Resp: 72904

Ion Ratio Lower Upper

276 100

138 20.6 19.8 29.6

227 0.2 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 3.238 ng/ul

RT: 25.666 min Scan# 5583

Delta R.T. 0.077 min

Lab File: BM045593.D

Acq: 26 Apr 2024 18:25

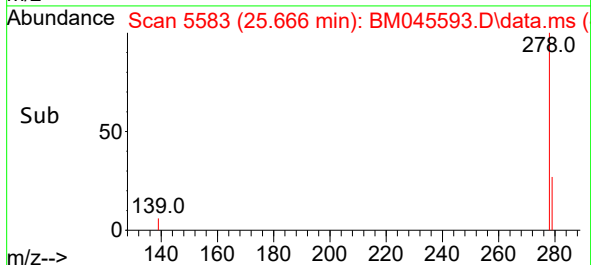
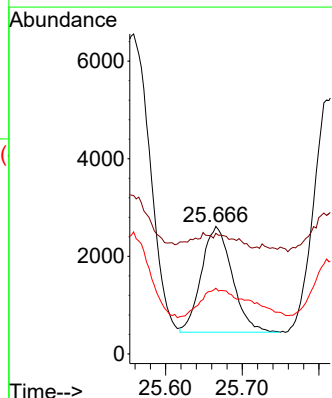
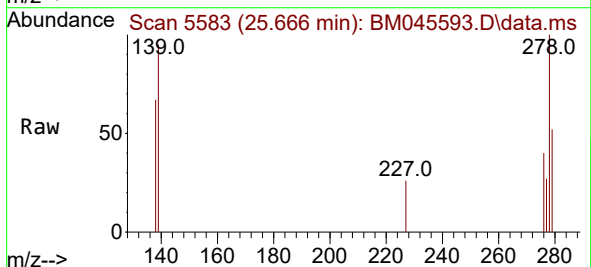
Tgt Ion:278 Resp: 6041

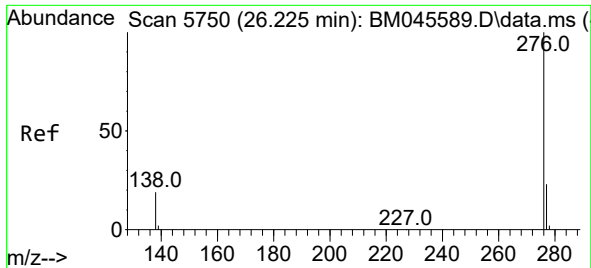
Ion Ratio Lower Upper

278 100

139 94.7 19.0 28.6#

279 51.6 29.4 44.2#





#29
 Benzo(g,h,i)perylene
 Concen: 37.430 ng/ul
 RT: 26.219 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BM045593.D
 Acq: 26 Apr 2024 18:25

Instrument :
 BNA_N
 ClientSampleId :
 E1CW8

Tgt Ion:276 Resp: 79130
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.8 31.2
 277 24.9 21.8 32.8

