

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045939.D
 Acq On : 09 Jun 2024 05:37
 Operator : MA/JU
 Sample : P2640-22DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C35DL

Quant Time: Jun 10 01:32:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

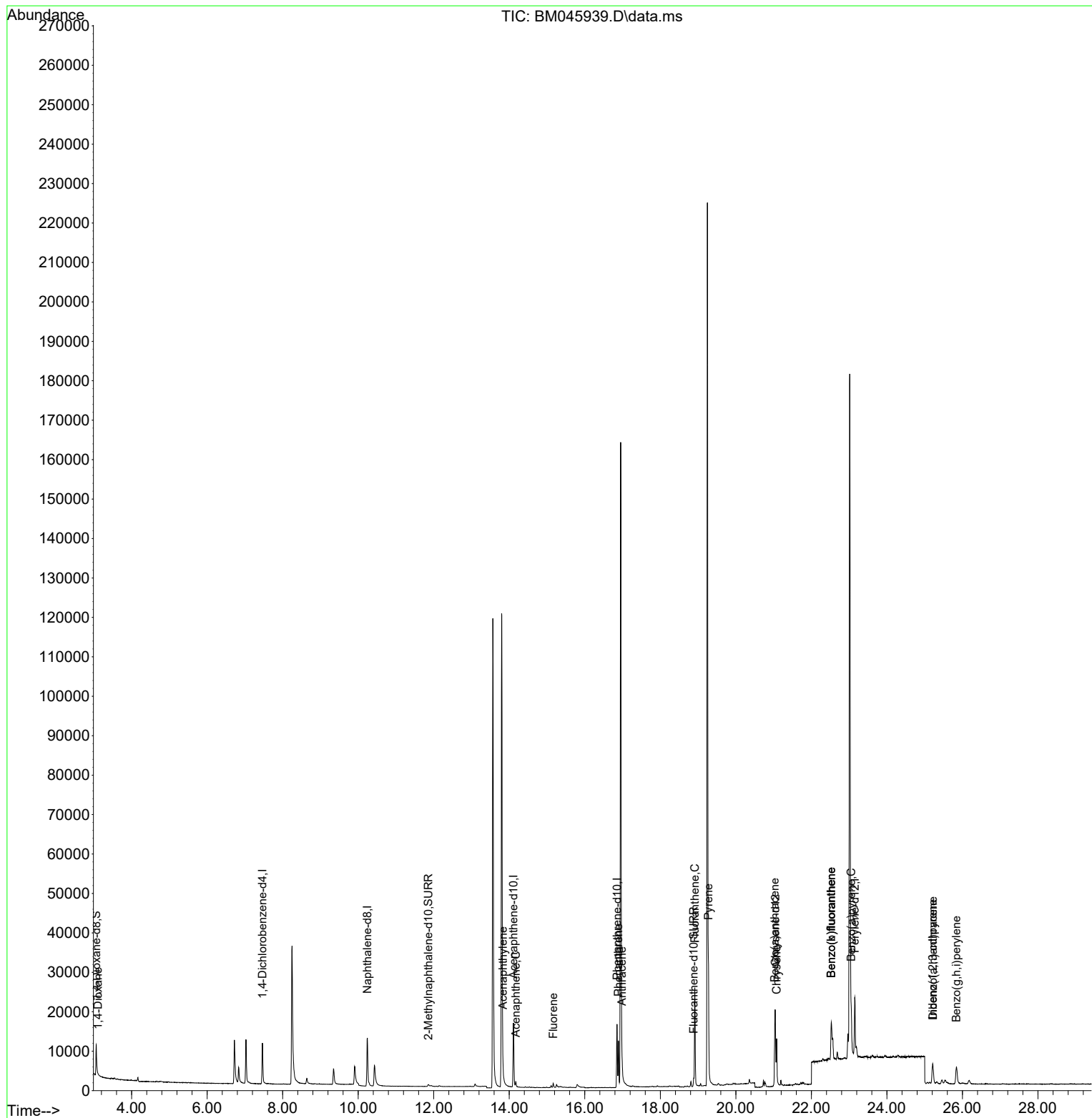
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5631	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	17843	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9697	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	19033	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	15416	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	20101	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5037	0.785	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.859	152	1137	0.044	ng/ul	0.01
18) Fluoranthene-d10	18.885	212	2400	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	320	0.044	ng/ul#	69
10) Acenaphthylene	13.830	152	1169	0.027	ng/ul#	84
11) Acenaphthene	14.172	153	774	0.024	ng/ul	93
12) Fluorene	15.162	166	798	0.022	ng/ul#	93
15) Phenanthrene	16.891	178	12904	0.241	ng/ul	98
16) Anthracene	16.984	178	2832	0.062	ng/ul#	87
19) Fluoranthene	18.912	202	23303	0.379	ng/ul	99
20) Pyrene	19.275	202	22291	0.348	ng/ul	98
21) Benzo(a)anthracene	21.029	228	10512	0.186	ng/ul	95
22) Chrysene	21.079	228	11902	0.193	ng/ul	96
24) Benzo(b)fluoranthene	22.528	252	21169	0.318	ng/ul	88
25) Benzo(k)fluoranthene	22.528	252	21220	0.290	ng/ul#	87
26) Benzo(a)pyrene	23.054	252	10570	0.159	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.212	276	8202	0.096	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.219	278	1887	0.028	ng/ul#	19
29) Benzo(g,h,i)perylene	25.843	276	8459	0.114	ng/ul	93

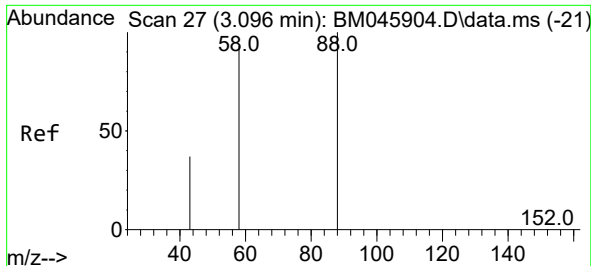
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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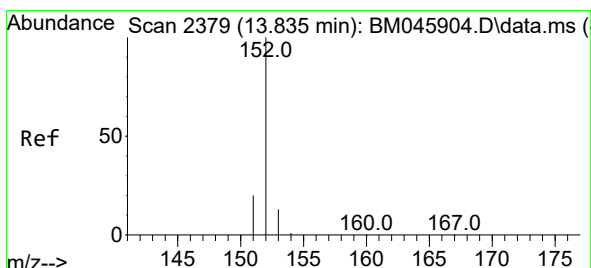
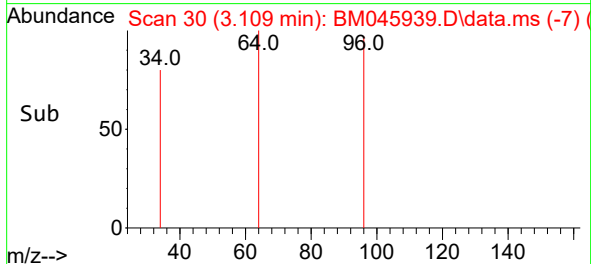
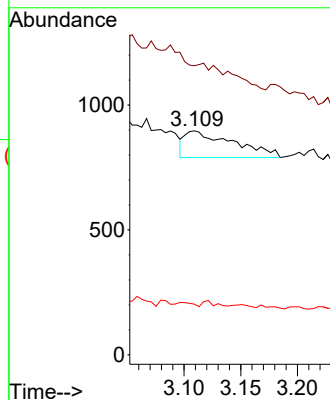
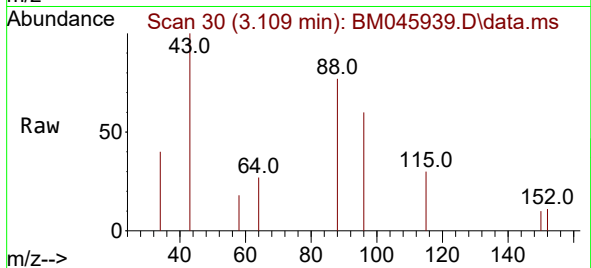




#2
1,4-Dioxane
Concen: 0.044 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

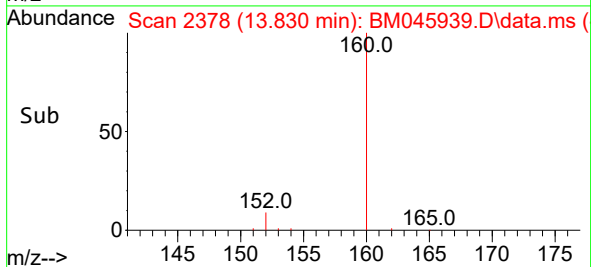
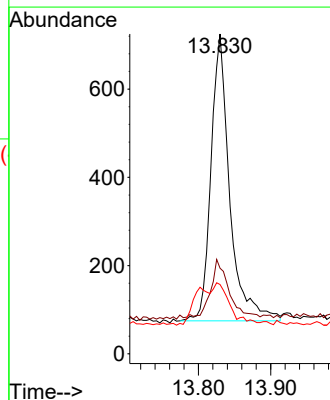
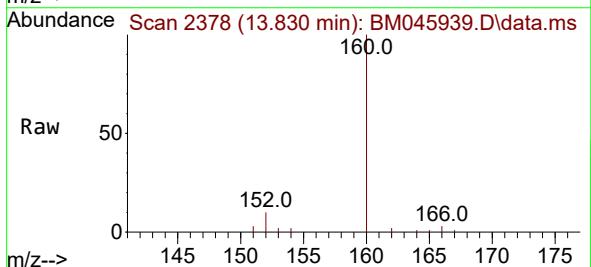
Instrument :
BNA_M
ClientSampleId :
A4C35DL

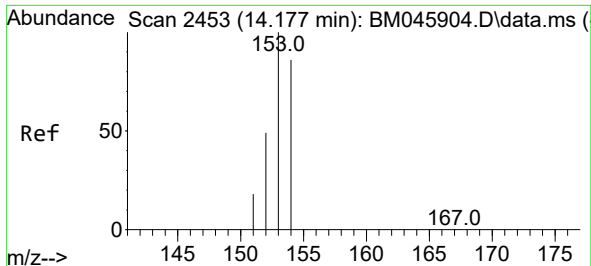
Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 129.1 87.4 131.2
58 22.6 51.1 76.7#



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Tgt Ion: 152 Resp: 1169
Ion Ratio Lower Upper
152 100
151 26.8 16.4 24.6#
153 21.7 11.1 16.7#

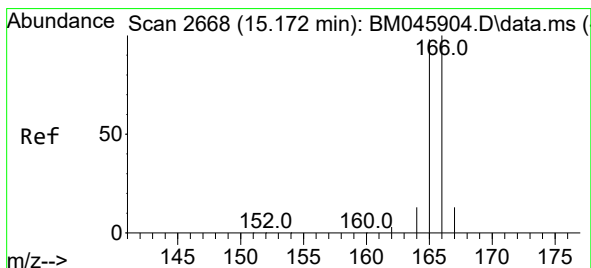
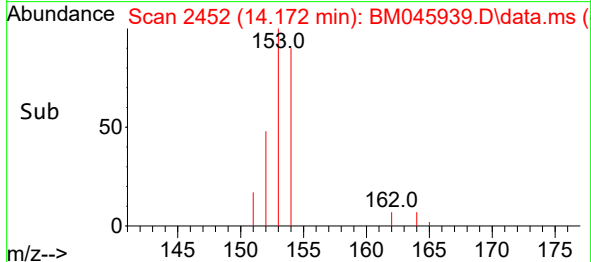
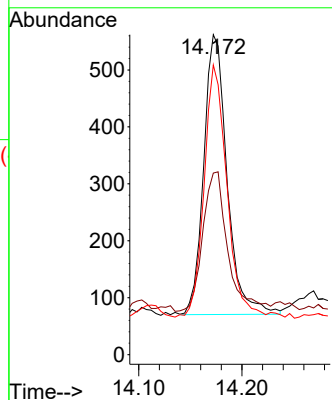
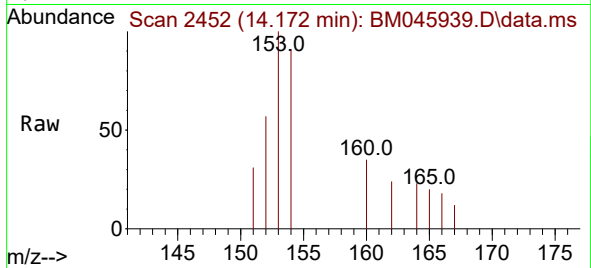




#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

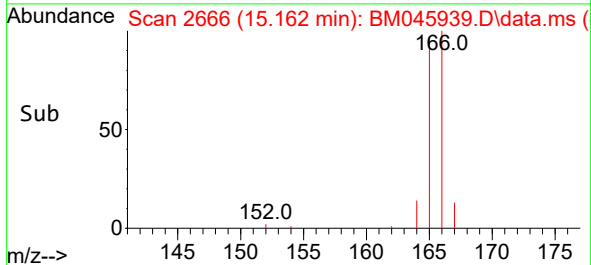
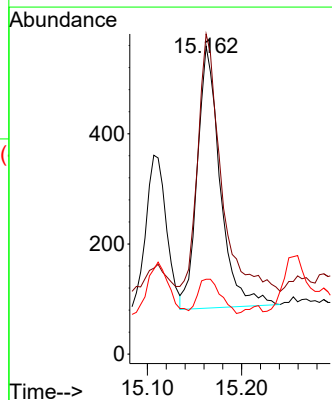
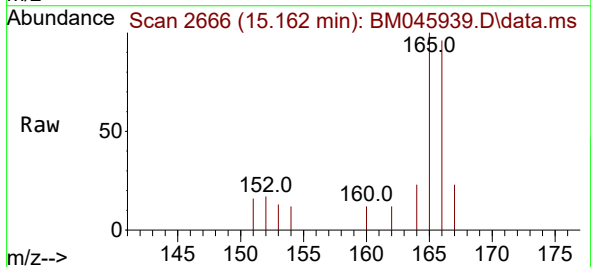
Instrument :
BNA_M
ClientSampleId :
A4C35DL

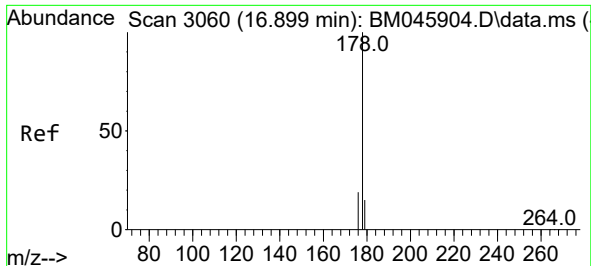
Tgt Ion:153 Resp: 774
Ion Ratio Lower Upper
153 100
152 56.8 39.0 58.4
154 90.6 69.4 104.2



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

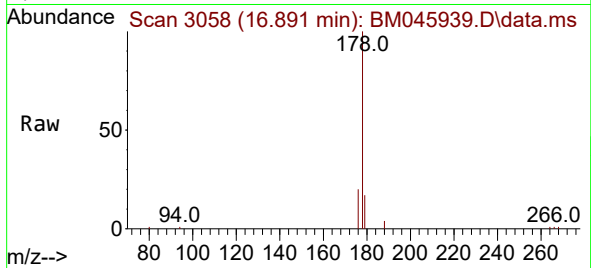
Tgt Ion:166 Resp: 798
Ion Ratio Lower Upper
166 100
165 103.9 79.7 119.5
167 24.3 11.3 16.9#



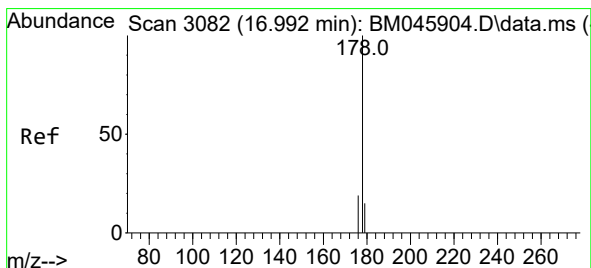
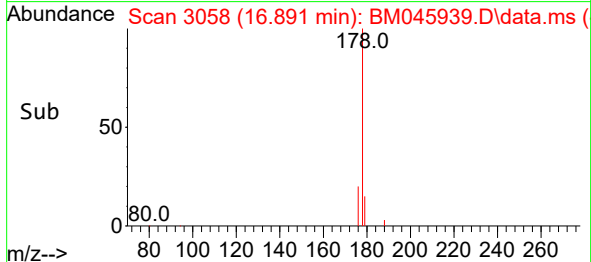
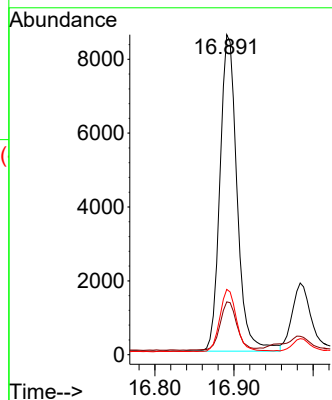


#15
Phenanthrene
Concen: 0.241 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Instrument :
BNA_M
ClientSampleId :
A4C35DL

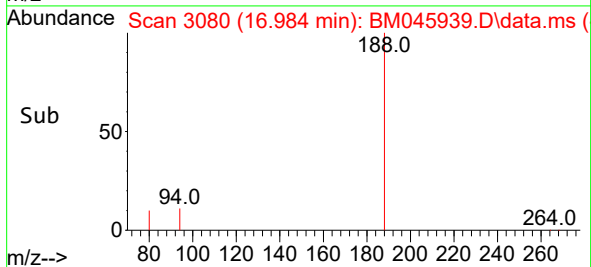
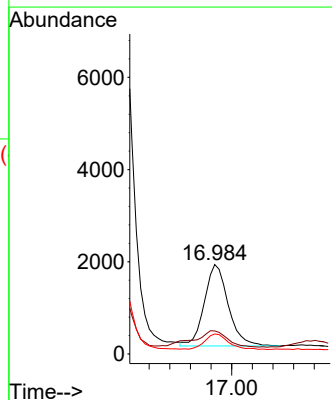
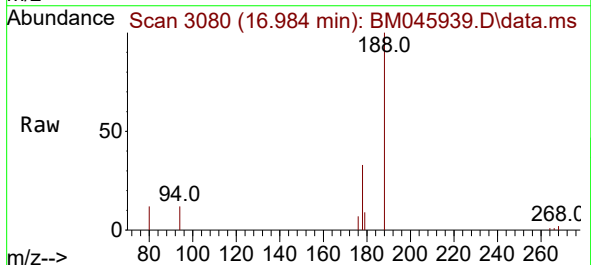


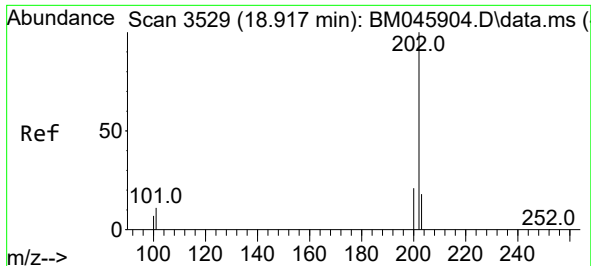
Tgt Ion:178 Resp: 12904
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 20.4 15.6 23.4



#16
Anthracene
Concen: 0.062 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Tgt Ion:178 Resp: 2832
Ion Ratio Lower Upper
178 100
179 25.7 13.1 19.7#
176 22.3 15.5 23.3

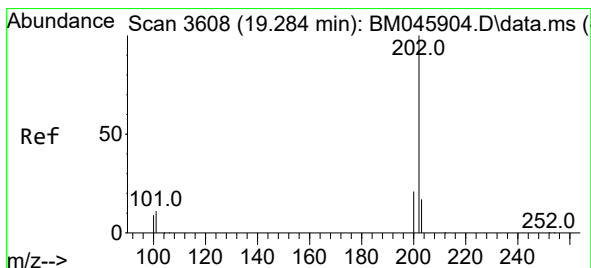
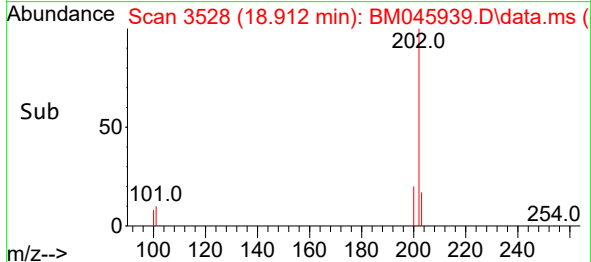
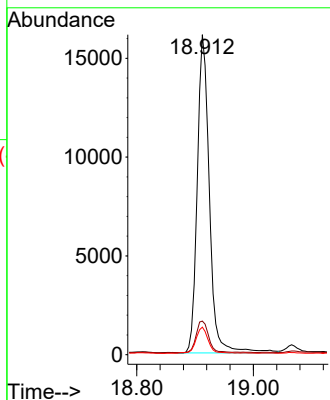
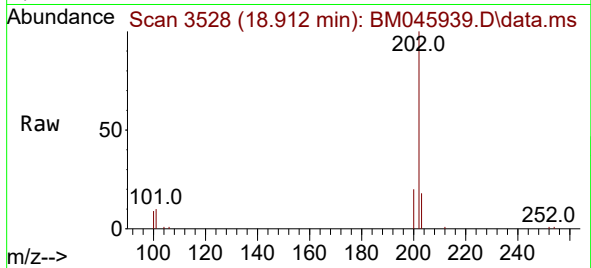




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 18.912 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

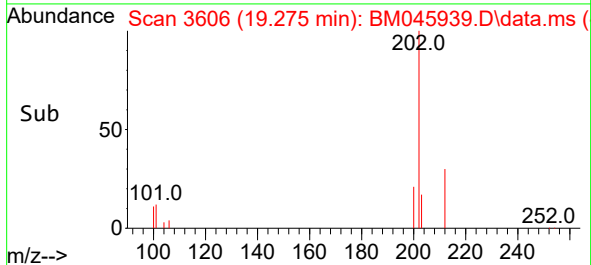
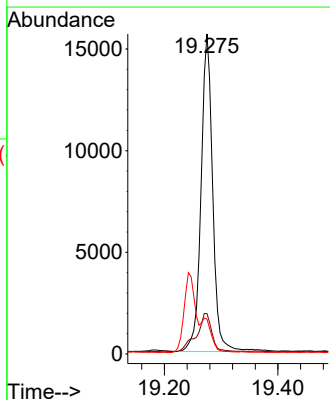
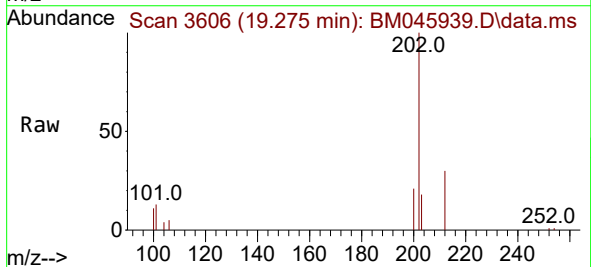
Instrument :
BNA_M
ClientSampleId :
A4C35DL

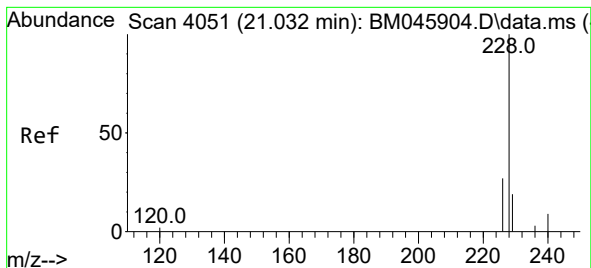
Tgt Ion:202 Resp: 23303
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.6 7.0 10.6



#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Tgt Ion:202 Resp: 22291
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 10.9 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.186 ng/ul

RT: 21.029 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BM045939.D

Acq: 09 Jun 2024 05:37

Instrument :

BNA_M

ClientSampleId :

A4C35DL

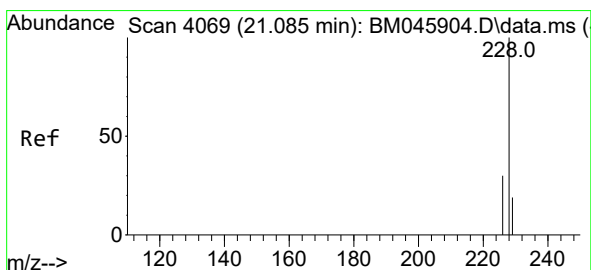
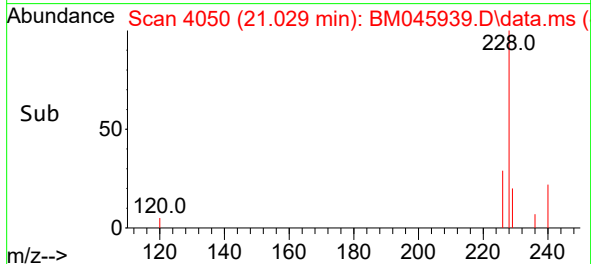
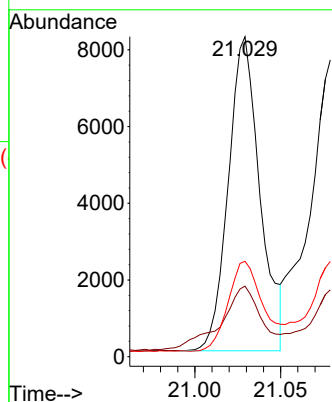
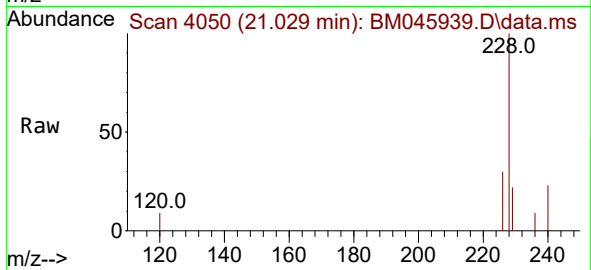
Tgt Ion:228 Resp: 10512

Ion Ratio Lower Upper

228 100

229 22.1 15.7 23.5

226 29.8 22.0 33.0



#22

Chrysene

Concen: 0.193 ng/ul

RT: 21.079 min Scan# 4067

Delta R.T. -0.009 min

Lab File: BM045939.D

Acq: 09 Jun 2024 05:37

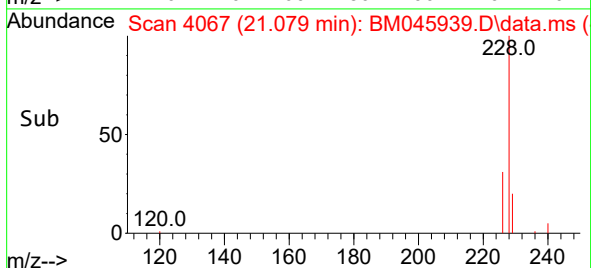
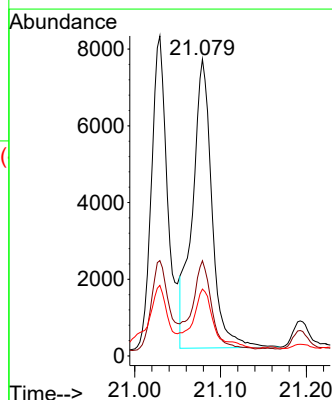
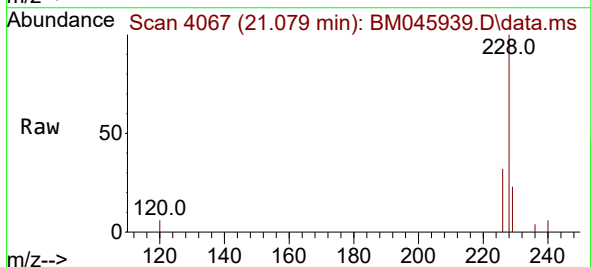
Tgt Ion:228 Resp: 11902

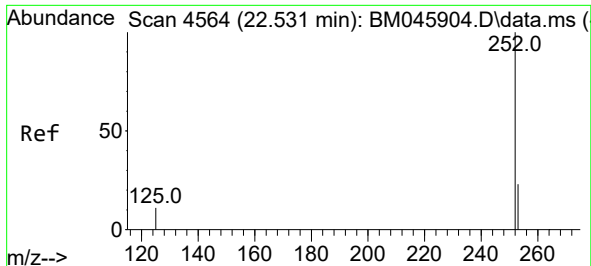
Ion Ratio Lower Upper

228 100

226 32.1 24.5 36.7

229 22.5 16.2 24.2

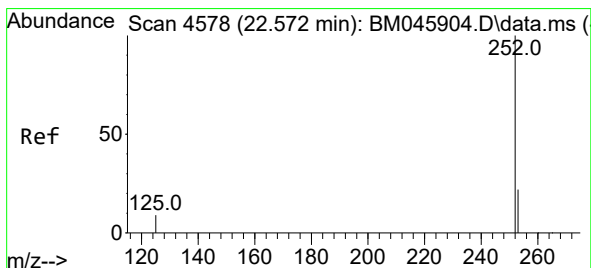
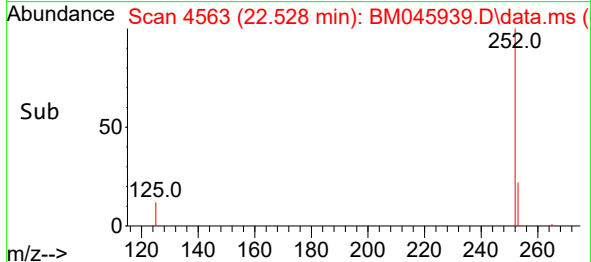
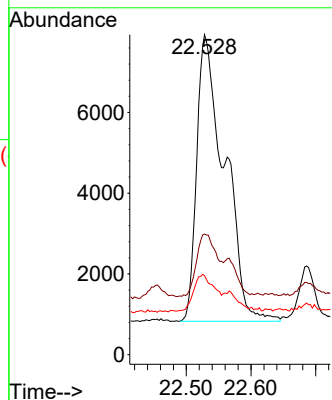
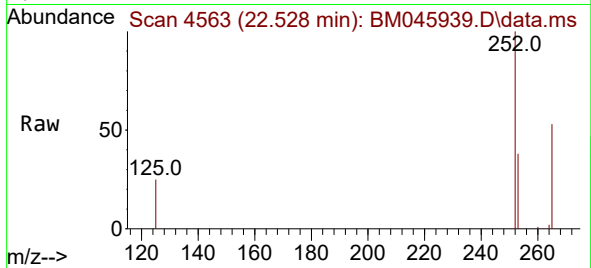




#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

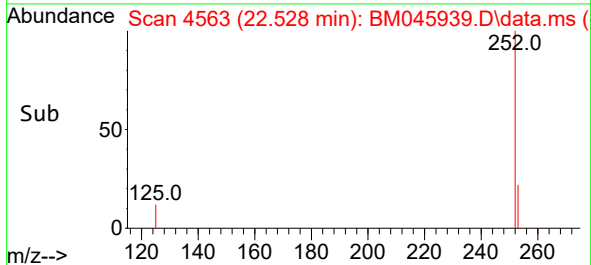
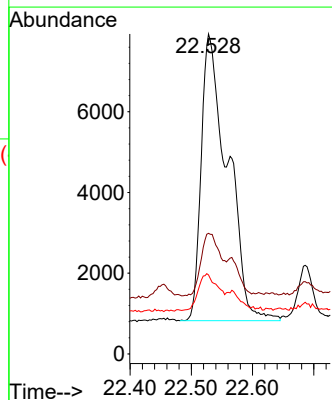
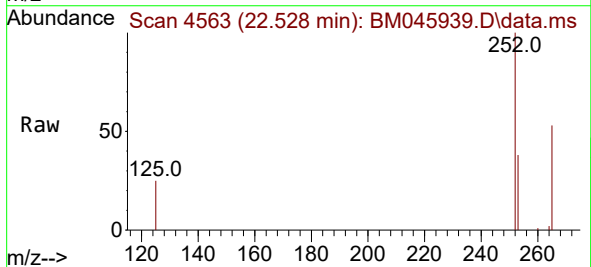
Instrument :
BNA_M
ClientSampleId :
A4C35DL

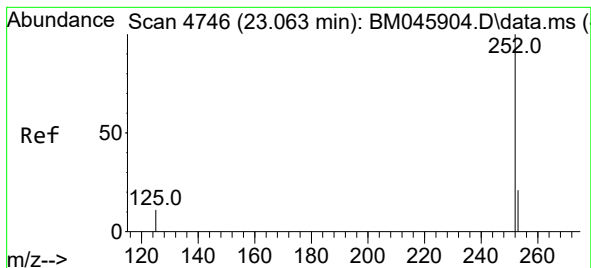
Tgt Ion:252 Resp: 21169
Ion Ratio Lower Upper
252 100
253 37.7 0.0 63.6
125 24.7 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Tgt Ion:252 Resp: 21220
Ion Ratio Lower Upper
252 100
253 37.7 25.0 37.6#
125 24.7 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.159 ng/ul

RT: 23.054 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM045939.D

Acq: 09 Jun 2024 05:37

Instrument :

BNA_M

ClientSampleId :

A4C35DL

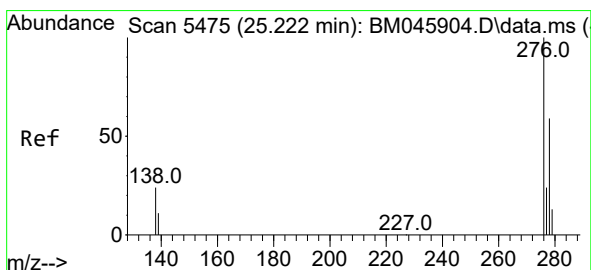
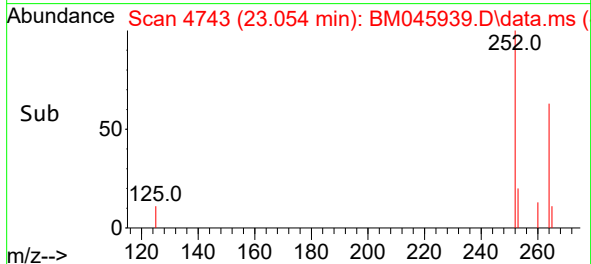
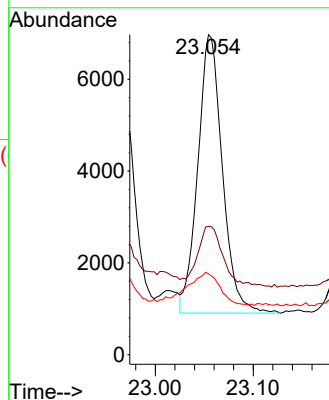
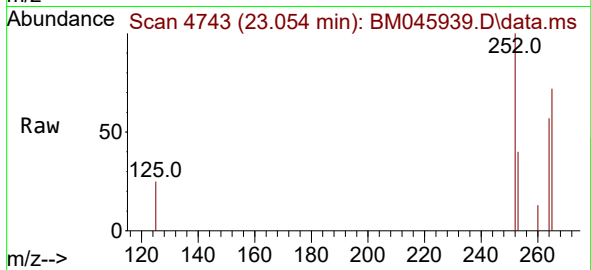
Tgt Ion:252 Resp: 10570

Ion Ratio Lower Upper

252 100

253 40.1 28.8 43.2

125 25.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng/ul

RT: 25.212 min Scan# 5472

Delta R.T. -0.020 min

Lab File: BM045939.D

Acq: 09 Jun 2024 05:37

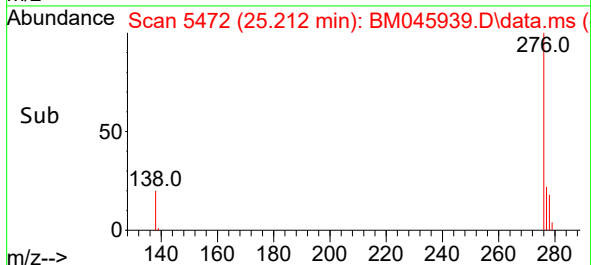
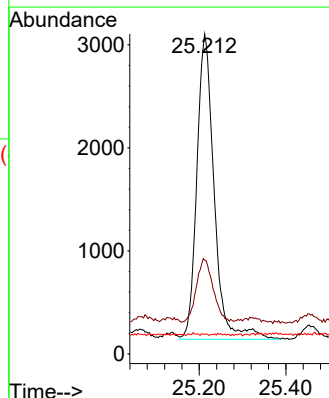
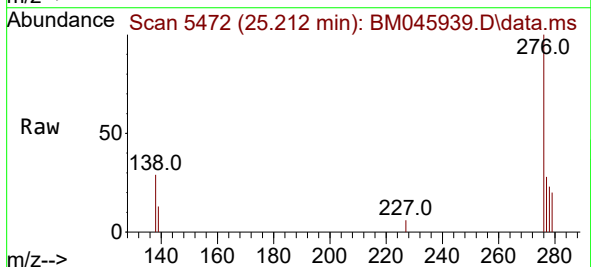
Tgt Ion:276 Resp: 8202

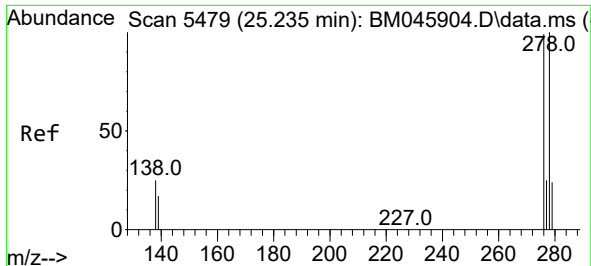
Ion Ratio Lower Upper

276 100

138 20.3 20.7 31.1#

227 0.1 0.2 0.2#

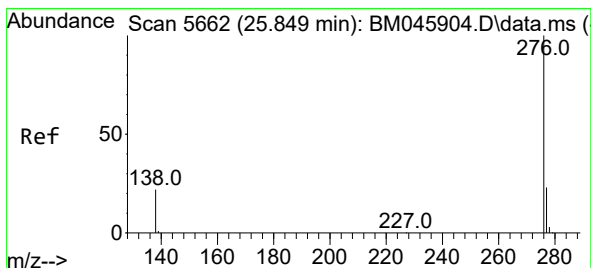
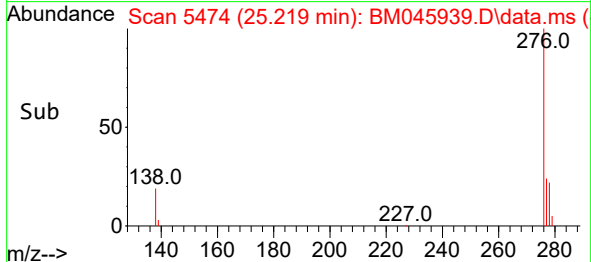
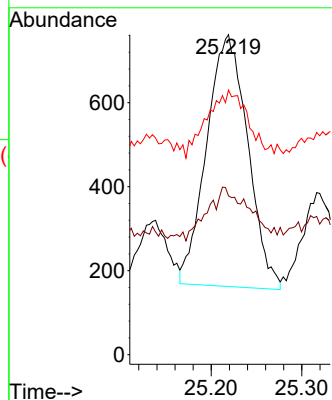
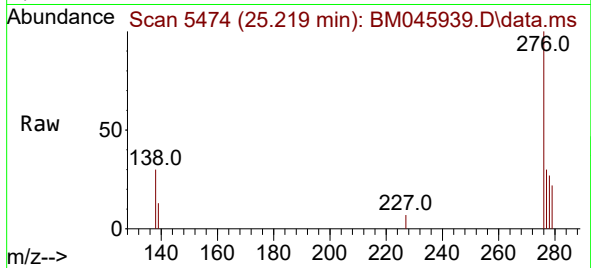




#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.219 min Scan# 5479
Delta R.T. -0.030 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Instrument :
BNA_M
ClientSampleId :
A4C35DL

Tgt Ion:278 Resp: 1887
Ion Ratio Lower Upper
278 100
139 49.6 16.6 25.0#
279 82.7 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 25.843 min Scan# 5660
Delta R.T. -0.020 min
Lab File: BM045939.D
Acq: 09 Jun 2024 05:37

Tgt Ion:276 Resp: 8459
Ion Ratio Lower Upper
276 100
138 30.1 21.0 31.4
277 28.7 20.5 30.7

