

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045935.D
 Acq On : 09 Jun 2024 03:10
 Operator : MA/JU
 Sample : P2640-13DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C33DL

Quant Time: Jun 10 01:31:36 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)

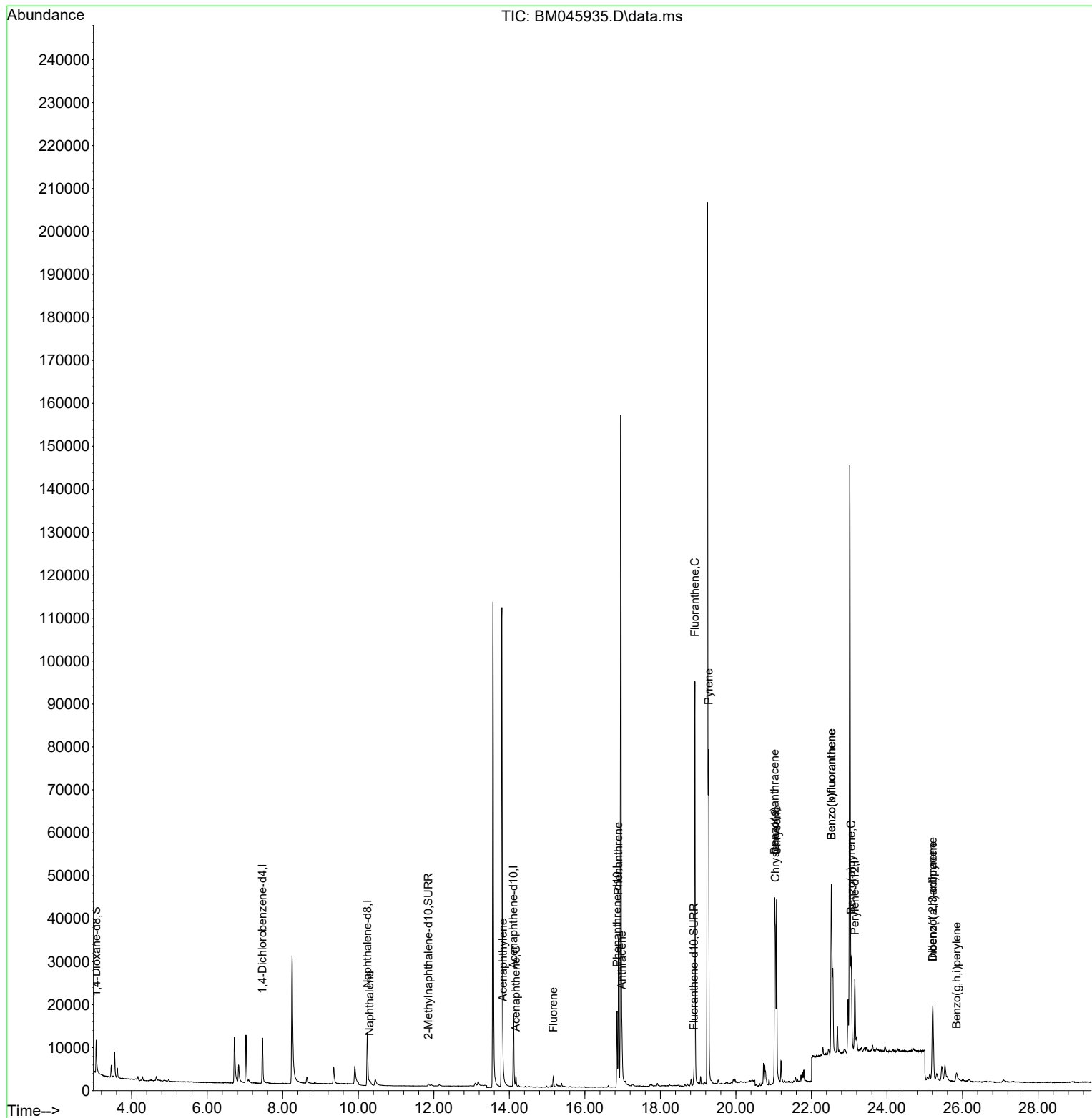
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	5862	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	18537	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10198	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	20676	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	17375	0.400	ng/ul	# 0.00
23) Perylene-d12	23.148	264	21489	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4963	0.743	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.854	152	1103	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	2386	0.046	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.292	128	1274	0.026	ng/ul#	80
10) Acenaphthylene	13.830	152	2970	0.064	ng/ul#	94
11) Acenaphthene	14.172	153	1488	0.044	ng/ul	96
12) Fluorene	15.162	166	1636	0.043	ng/ul#	94
15) Phenanthrene	16.891	178	36352	0.626	ng/ul	100
16) Anthracene	16.984	178	7339	0.148	ng/ul#	95
19) Fluoranthene	18.913	202	84323	1.217	ng/ul	98
20) Pyrene	19.275	202	66229	0.916	ng/ul	97
21) Benzo(a)anthracene	21.026	228	34829	0.546	ng/ul	96
22) Chrysene	21.079	228	43048	0.620	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	80787	1.133	ng/ul	92
25) Benzo(k)fluoranthene	22.528	252	80787	1.031	ng/ul	93
26) Benzo(a)pyrene	23.055	252	25518	0.360	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.212	276	24197	0.264	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.212	278	6808	0.093	ng/ul#	77
29) Benzo(g,h,i)perylene	25.843	276	4258	0.054	ng/ul#	74

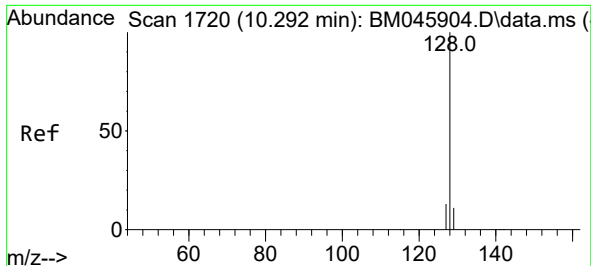
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045935.D
Acq On : 09 Jun 2024 03:10
Operator : MA/JU
Sample : P2640-13DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33DL

Quant Time: Jun 10 01:31:36 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

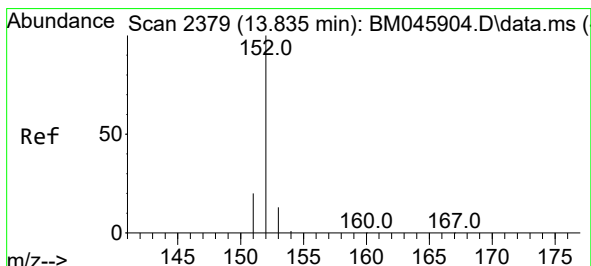
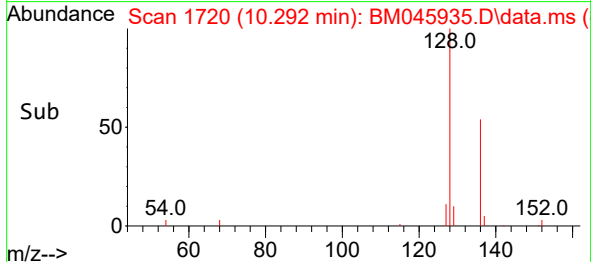
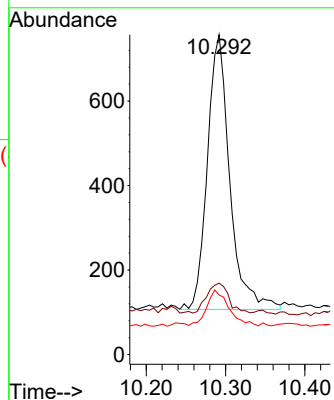
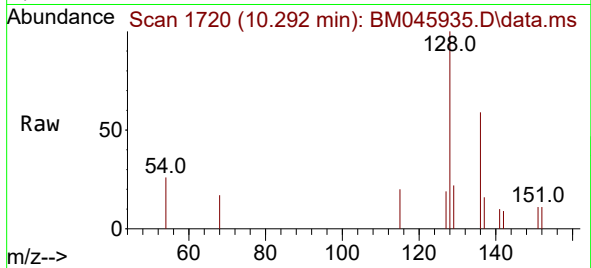




#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.292 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

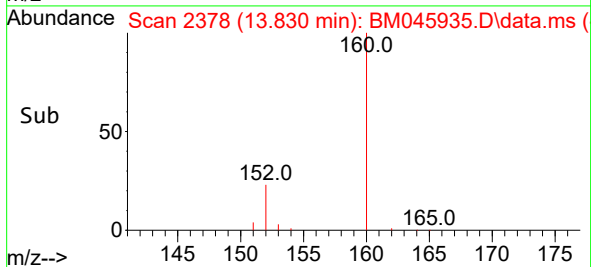
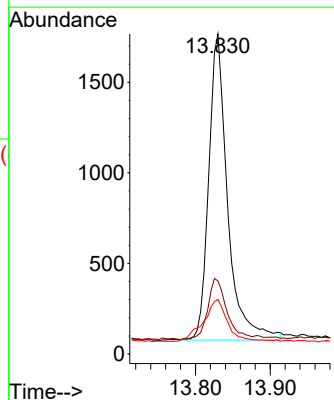
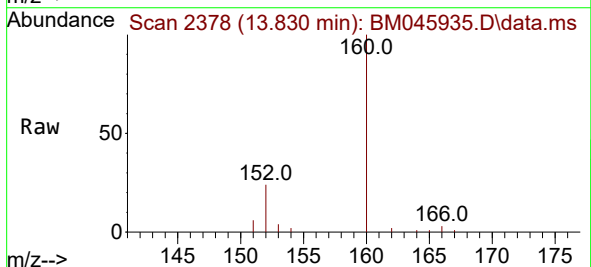
Instrument :
BNA_M
ClientSampleId :
A4C33DL

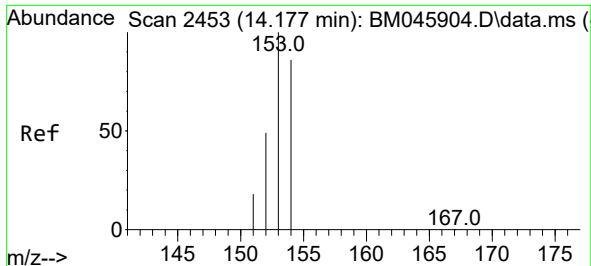
Tgt Ion:128 Resp: 1274
Ion Ratio Lower Upper
128 100
129 22.3 9.4 14.0#
127 18.6 10.6 15.8#



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:152 Resp: 2970
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6
153 17.0 11.1 16.7#

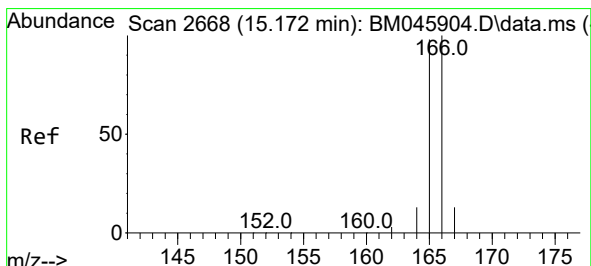
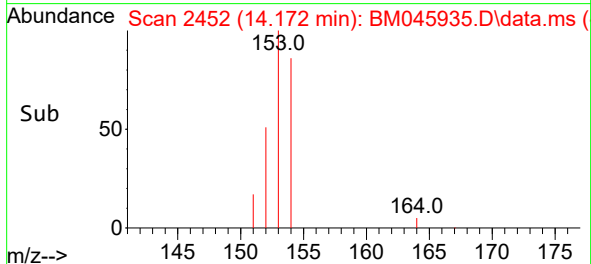
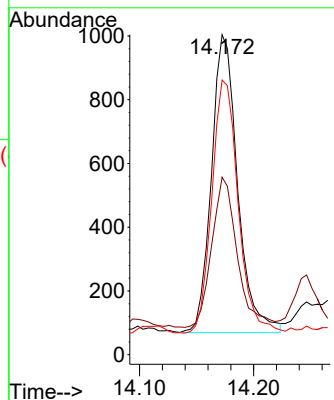
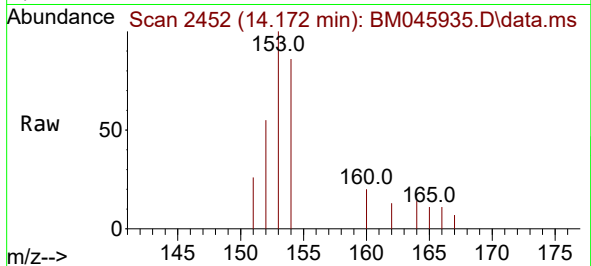




#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

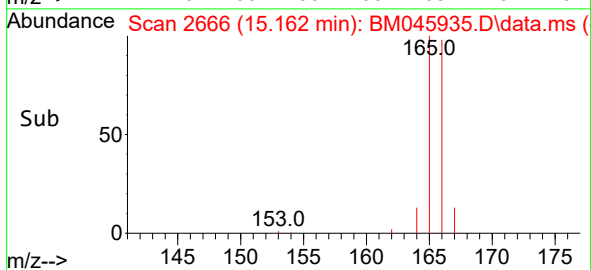
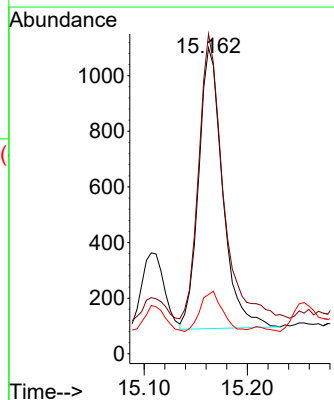
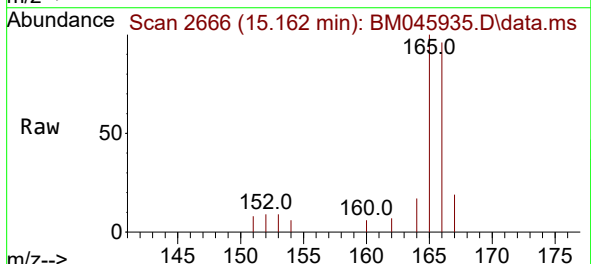
Instrument :
BNA_M
ClientSampleId :
A4C33DL

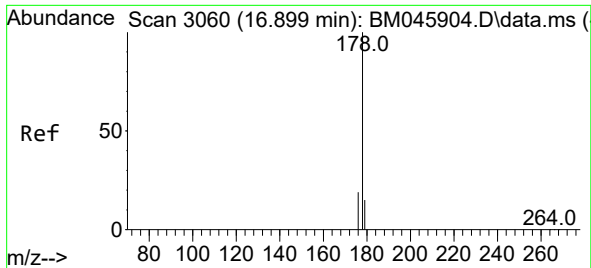
Tgt Ion:153 Resp: 1488
Ion Ratio Lower Upper
153 100
152 55.5 39.0 58.4
154 85.9 69.4 104.2



#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:166 Resp: 1636
Ion Ratio Lower Upper
166 100
165 104.5 79.7 119.5
167 19.4 11.3 16.9#

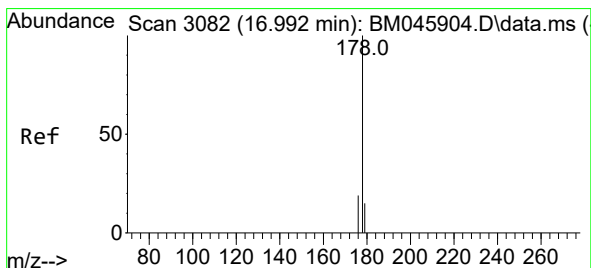
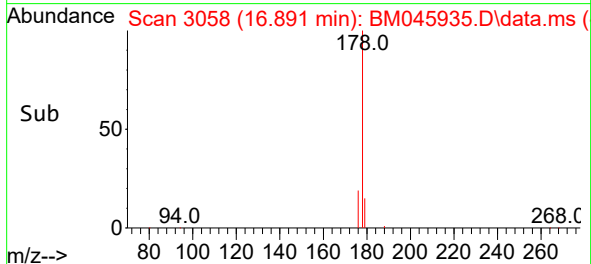
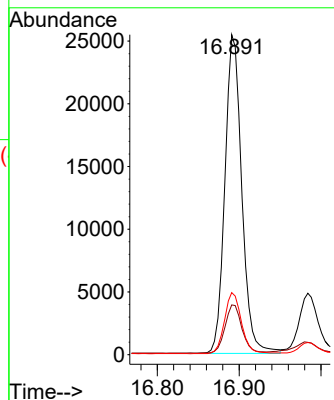
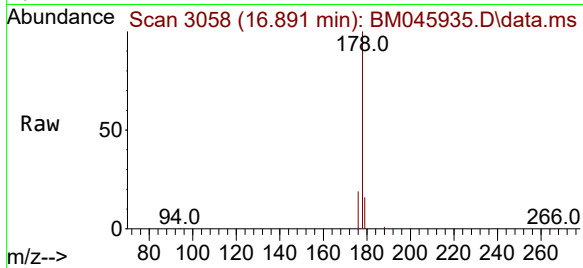




#15
Phenanthrene
Concen: 0.626 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

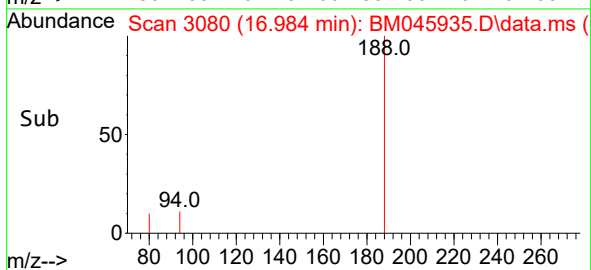
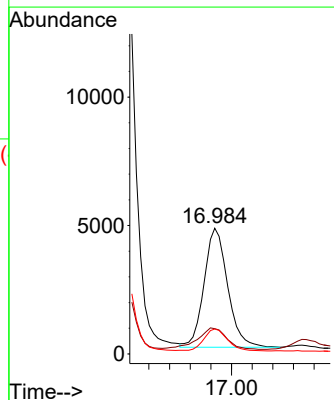
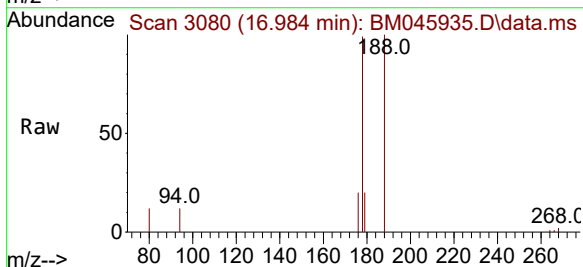
Instrument :
BNA_M
ClientSampleId :
A4C33DL

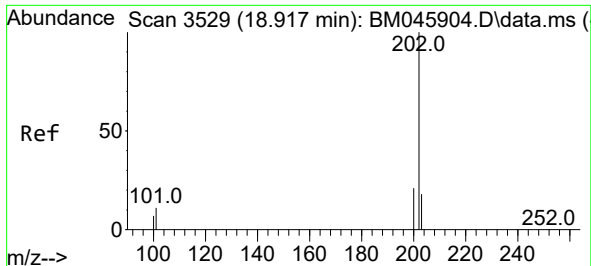
Tgt Ion:178 Resp: 36352
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.148 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:178 Resp: 7339
Ion Ratio Lower Upper
178 100
179 20.1 13.1 19.7#
176 19.8 15.5 23.3

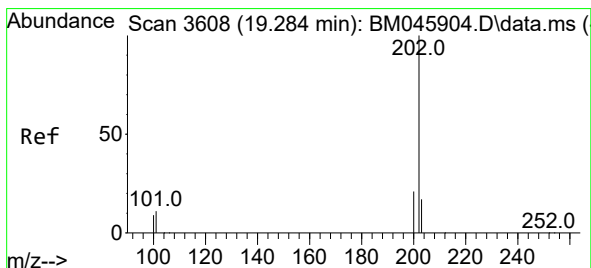
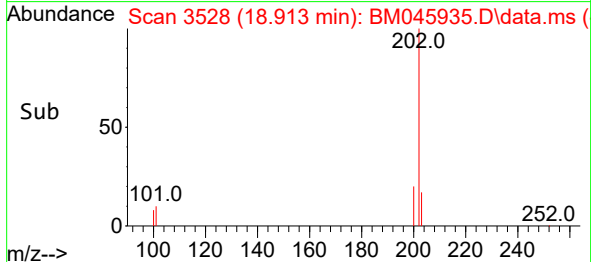
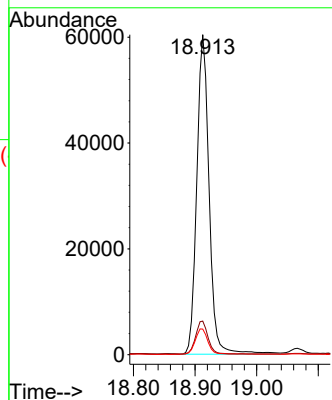
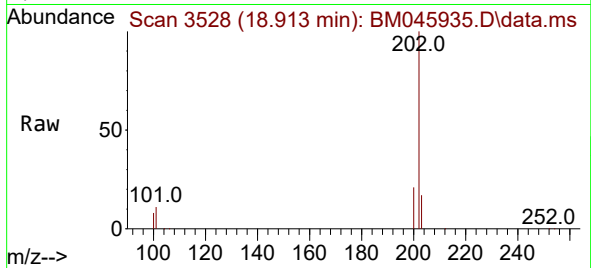




#19
Fluoranthene
Concen: 1.217 ng/ul
RT: 18.913 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

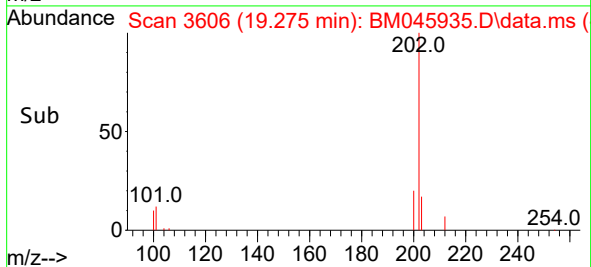
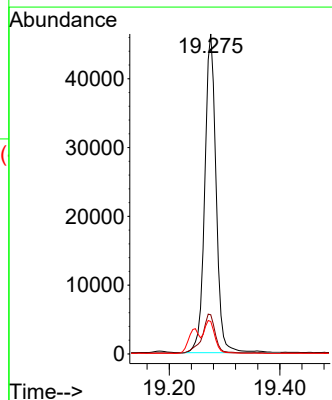
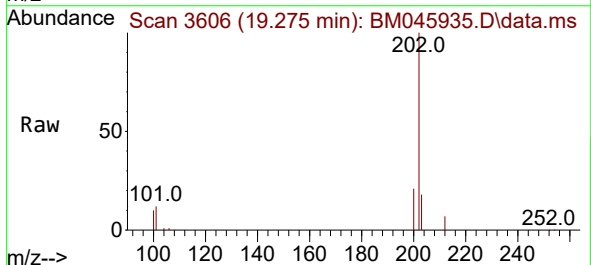
Instrument :
BNA_M
ClientSampleId :
A4C33DL

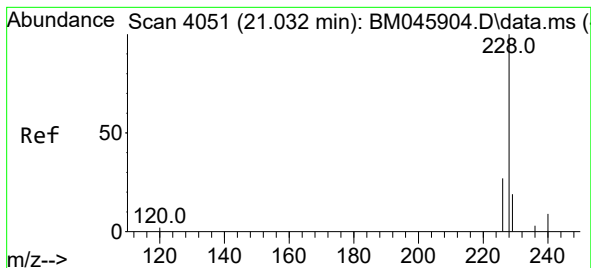
Tgt Ion:202 Resp: 84323
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.0 7.0 10.6



#20
Pyrene
Concen: 0.916 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:202 Resp: 66229
Ion Ratio Lower Upper
202 100
101 12.2 10.6 16.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.546 ng/ul

RT: 21.026 min Scan# 4049

Delta R.T. -0.009 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Instrument :

BNA_M

ClientSampleId :

A4C33DL

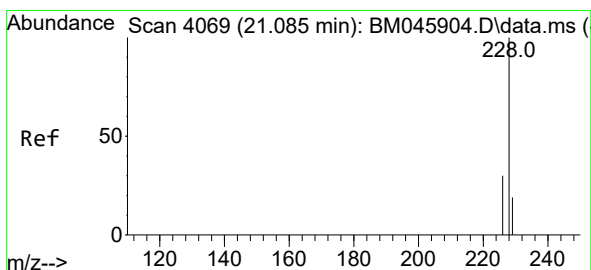
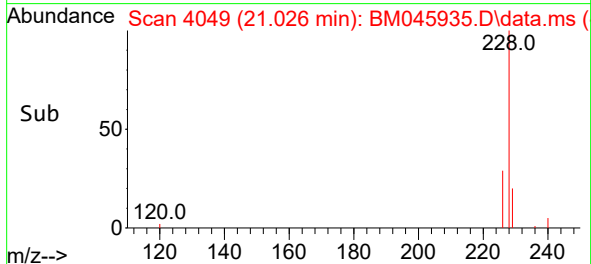
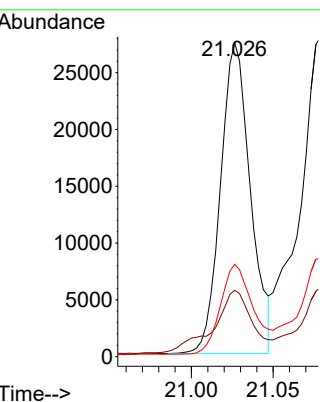
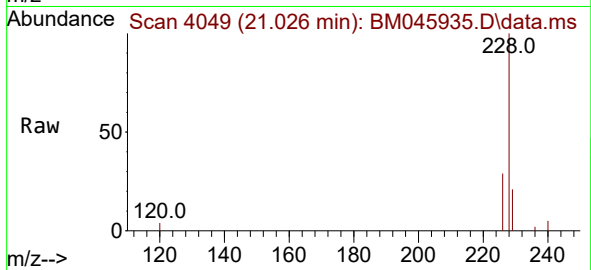
Tgt Ion:228 Resp: 34829

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

226 29.4 22.0 33.0



#22

Chrysene

Concen: 0.620 ng/ul

RT: 21.079 min Scan# 4067

Delta R.T. -0.009 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

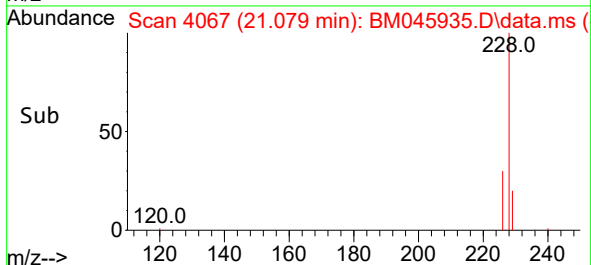
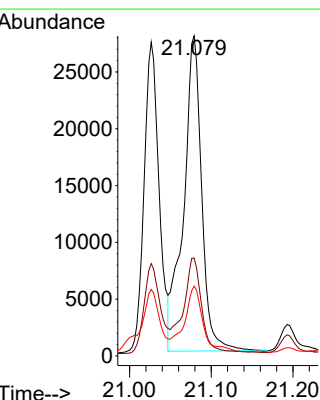
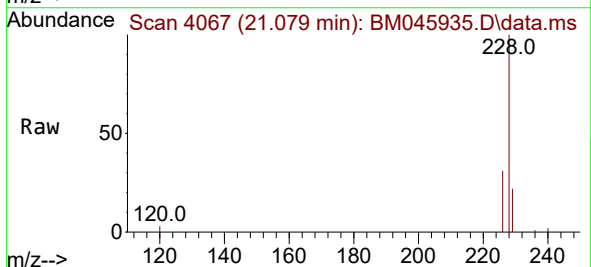
Tgt Ion:228 Resp: 43048

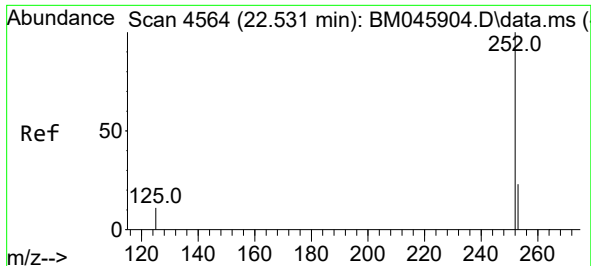
Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 21.8 16.2 24.2

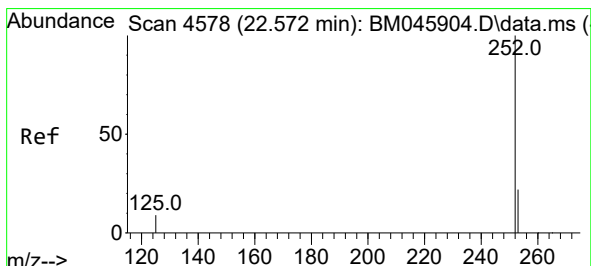
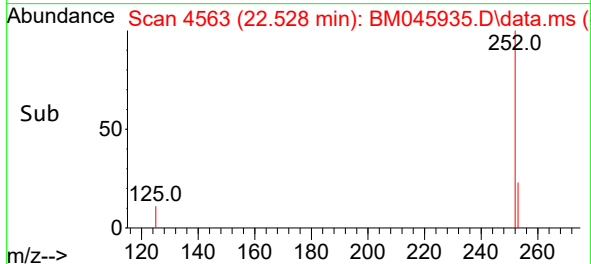
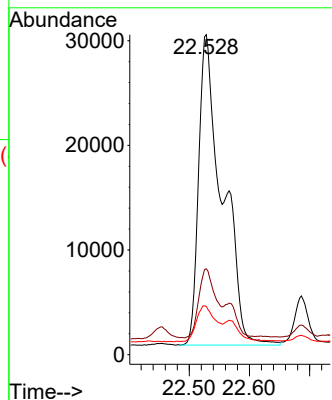
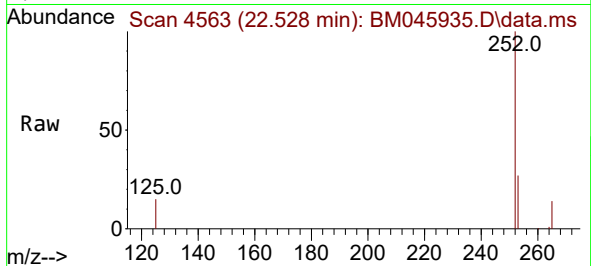




#24
Benzo(b)fluoranthene
Concen: 1.133 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

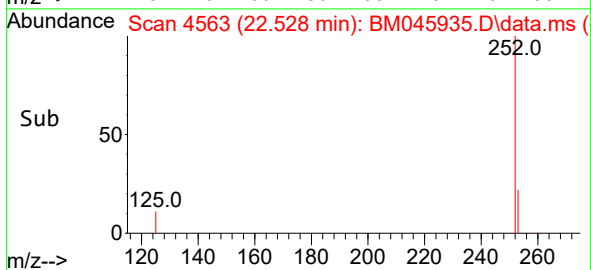
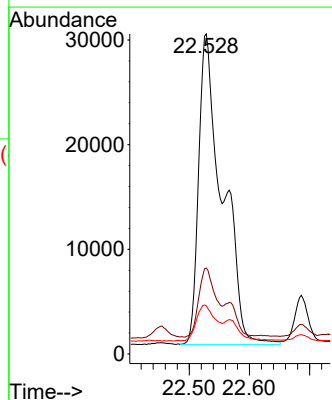
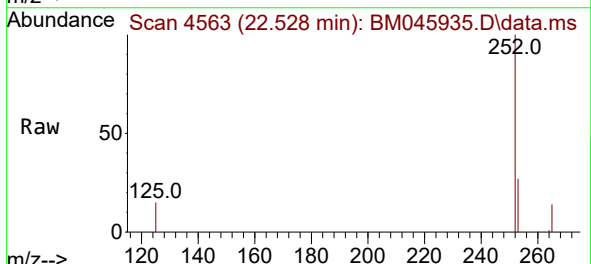
Instrument :
BNA_M
ClientSampleId :
A4C33DL

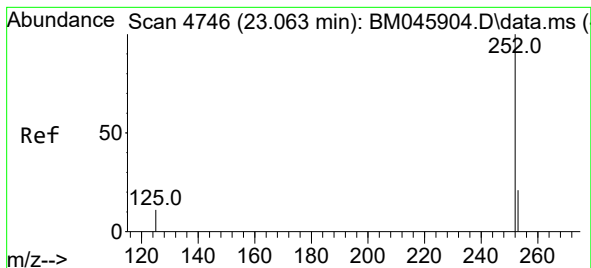
Tgt Ion:252 Resp: 80787
Ion Ratio Lower Upper
252 100
253 26.9 0.0 63.6
125 15.0 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 1.031 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:252 Resp: 80787
Ion Ratio Lower Upper
252 100
253 26.9 25.0 37.6
125 15.0 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.055 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

Instrument :

BNA_M

ClientSampleId :

A4C33DL

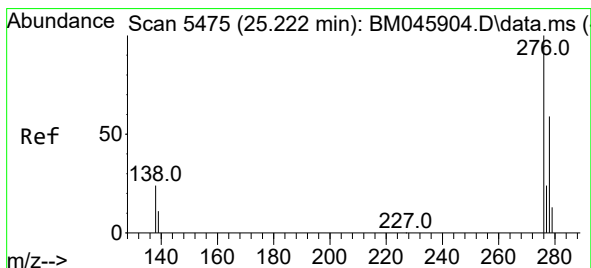
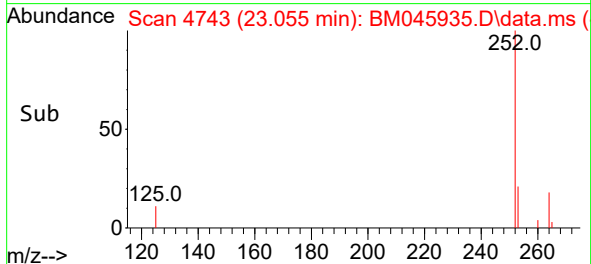
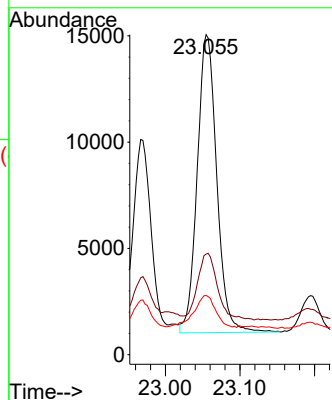
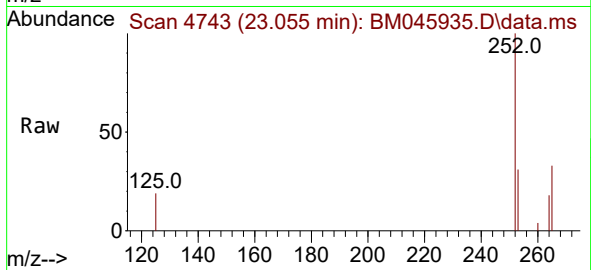
Tgt Ion:252 Resp: 25518

Ion Ratio Lower Upper

252 100

253 31.5 28.8 43.2

125 18.5 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 25.212 min Scan# 5472

Delta R.T. -0.020 min

Lab File: BM045935.D

Acq: 09 Jun 2024 03:10

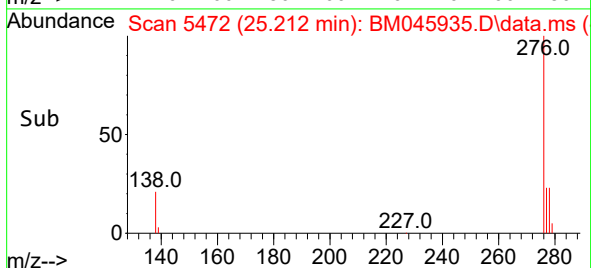
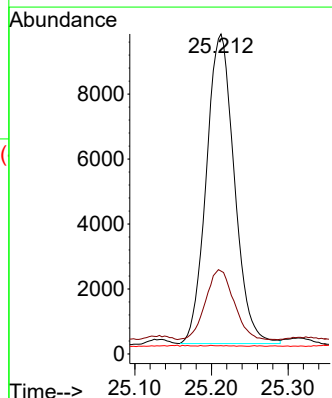
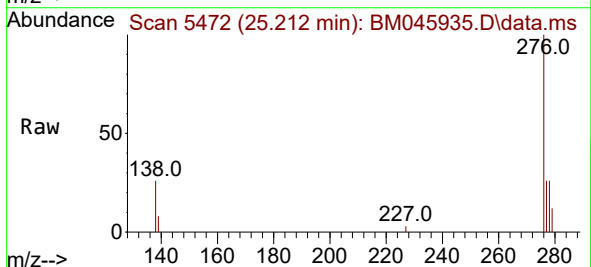
Tgt Ion:276 Resp: 24197

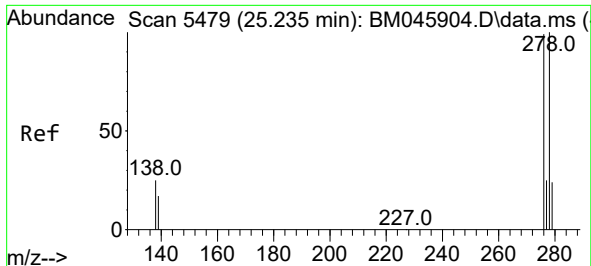
Ion Ratio Lower Upper

276 100

138 23.3 20.7 31.1

227 0.2 0.2 0.2#

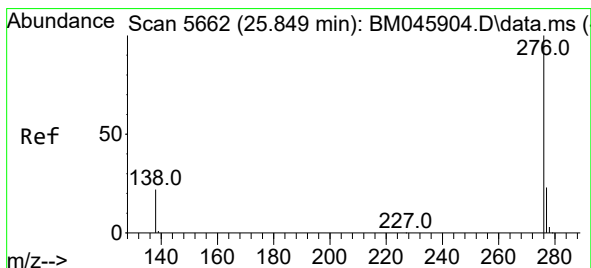
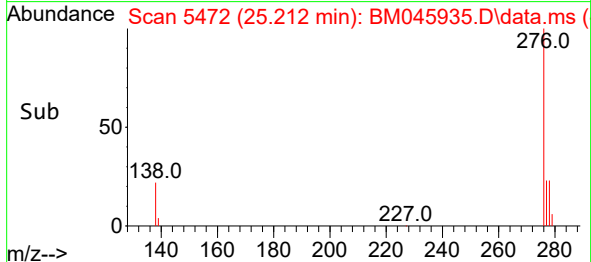
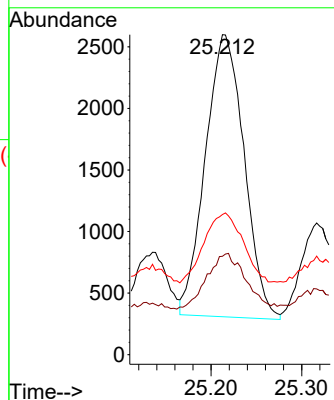
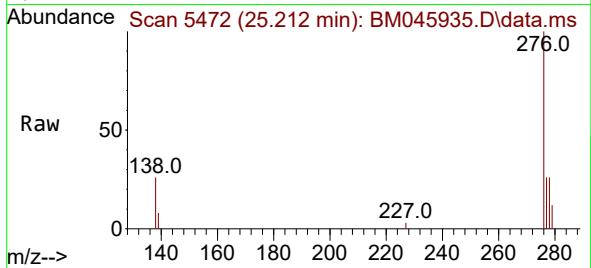




#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.036 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Instrument :
BNA_M
ClientSampleId :
A4C33DL

Tgt Ion:278 Resp: 6808
Ion Ratio Lower Upper
278 100
139 30.7 16.6 25.0#
279 43.8 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 25.843 min Scan# 5660
Delta R.T. -0.020 min
Lab File: BM045935.D
Acq: 09 Jun 2024 03:10

Tgt Ion:276 Resp: 4258
Ion Ratio Lower Upper
276 100
138 41.6 21.0 31.4#
277 36.5 20.5 30.7#

