

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044165.D
 Acq On : 17 Feb 2024 08:06
 Operator : MA/JU
 Sample : P1402-13
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Quant Time: Feb 18 23:55:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

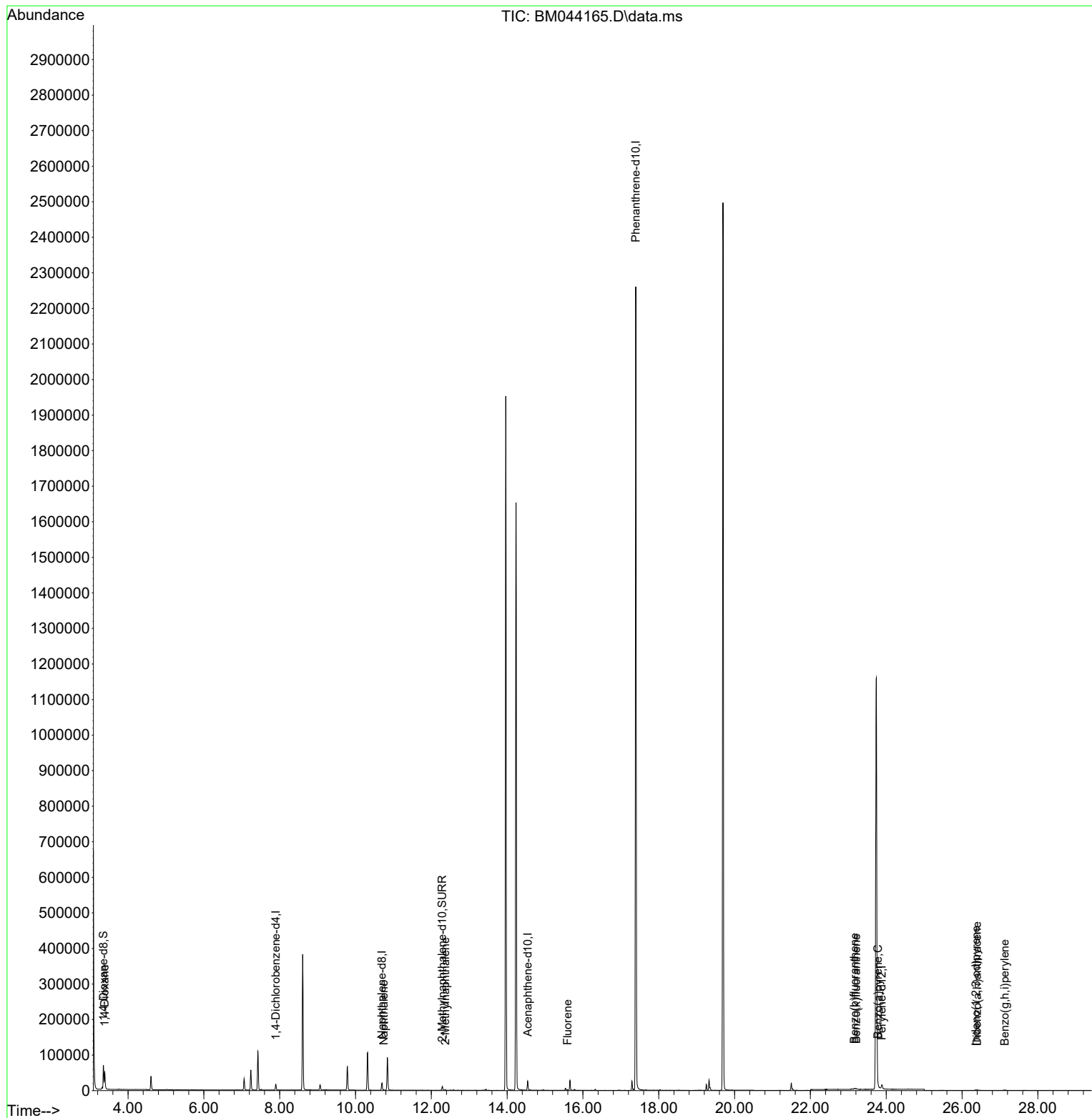
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8223	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	27225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	14168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	2542976	0.400	ng/ul	# 0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.50
23) Perylene-d12	23.885	264	22100	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	44451	3.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	15052	0.395	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	29977	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	33042	2.839	ng/ul#	74
5) Naphthalene	10.748	128	2139	0.026	ng/ul#	86
7) 2-Methylnaphthalene	12.365	142	1485	0.030	ng/ul	100
12) Fluorene	15.593	166	1321	0.021	ng/ul#	97
24) Benzo(b)fluoranthene	23.160	252	4712	0.052	ng/ul#	61
25) Benzo(k)fluoranthene	23.207	252	3273	0.033	ng/ul#	32
26) Benzo(a)pyrene	23.783	252	2596	0.031	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.363	276	3177	0.029	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.400	278	1975	0.023	ng/ul#	43
29) Benzo(g,h,i)perylene	27.124	276	2967	0.031	ng/ul#	79

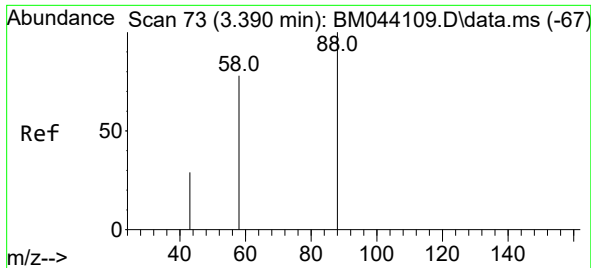
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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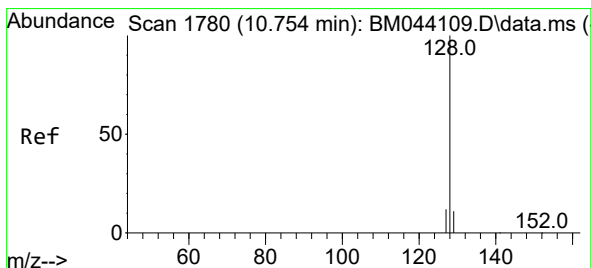
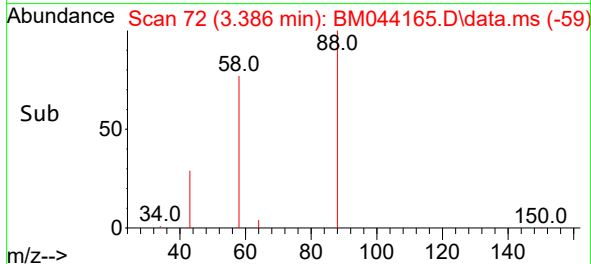
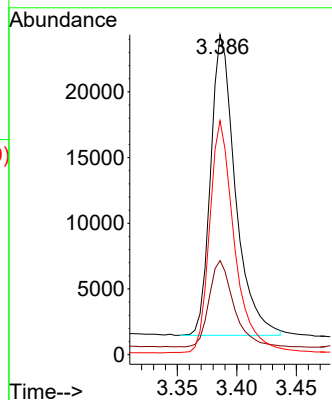
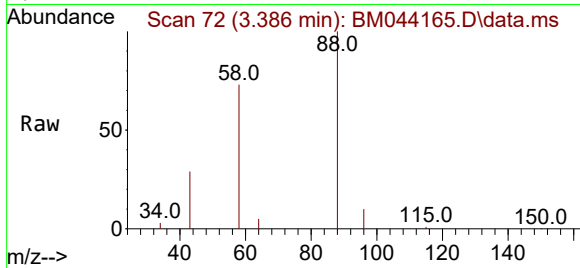




#2
1,4-Dioxane
Concen: 2.839 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

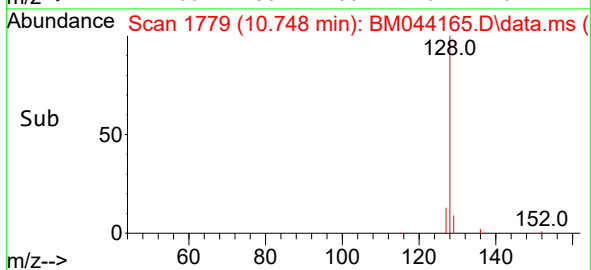
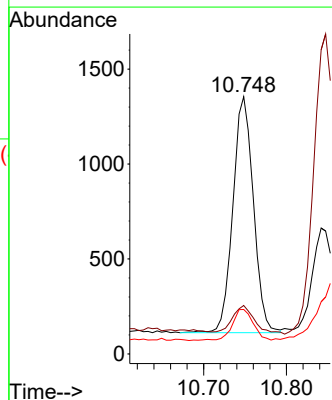
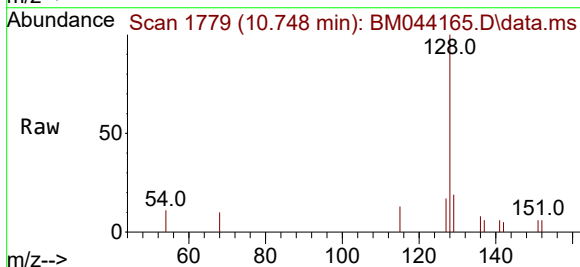
Instrument :
BNA_M
ClientSampleId :
C0AC8

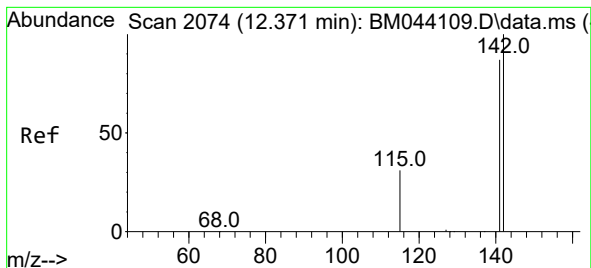
Tgt Ion: 88 Resp: 33042
Ion Ratio Lower Upper
88 100
43 29.4 32.2 48.2#
58 73.1 40.6 60.8#



#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

Tgt Ion: 128 Resp: 2139
Ion Ratio Lower Upper
128 100
129 18.8 9.5 14.3#
127 17.3 10.7 16.1#

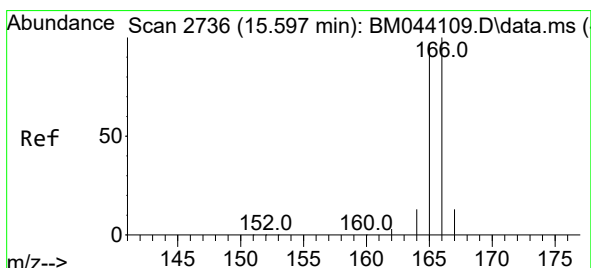
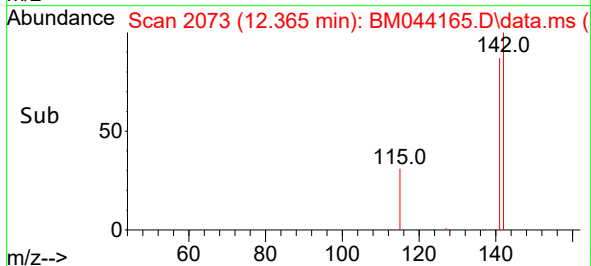
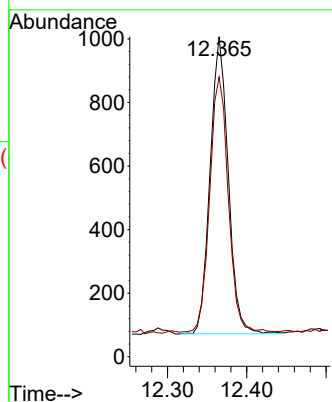
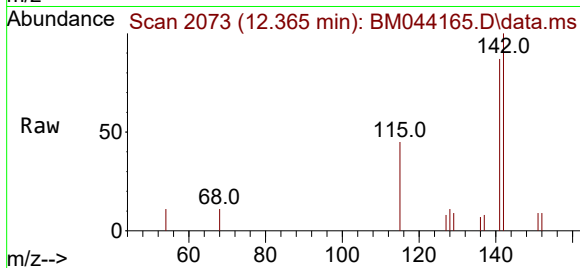




#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.365 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

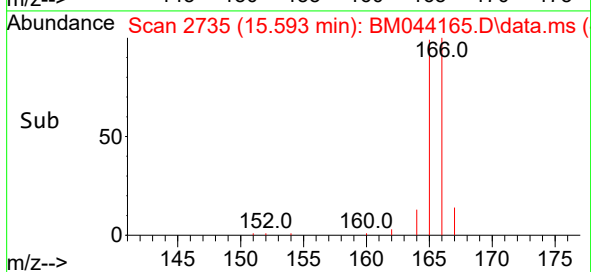
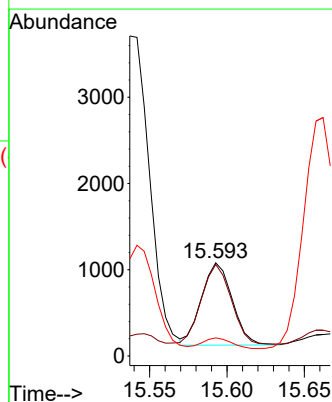
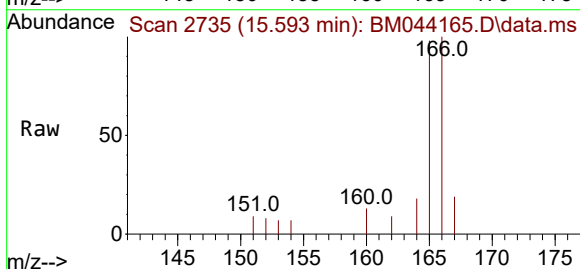
Instrument :
BNA_M
ClientSampleId :
C0AC8

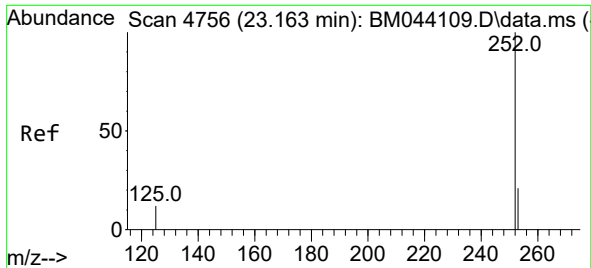
Tgt Ion:142 Resp: 1485
Ion Ratio Lower Upper
142 100
141 87.9 70.0 105.0



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.005 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

Tgt Ion:166 Resp: 1321
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.6
167 19.4 11.1 16.7#

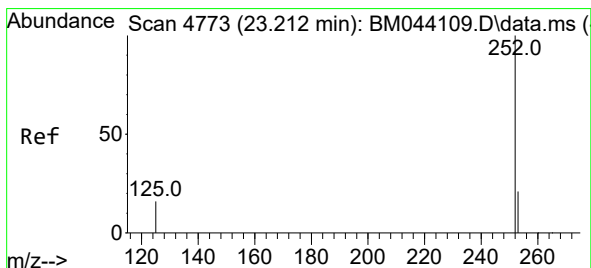
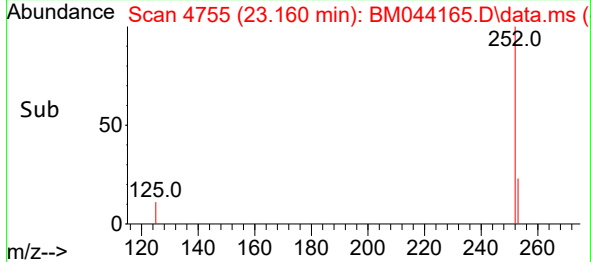
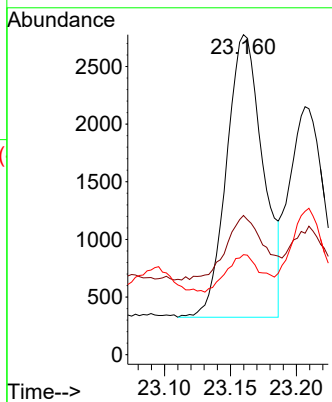
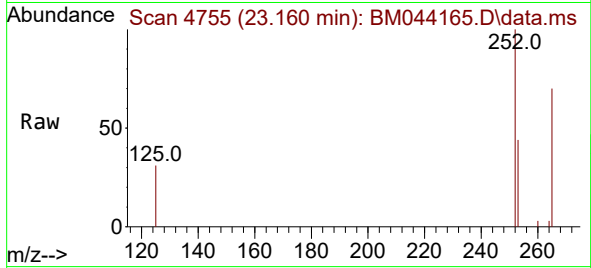




#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul
RT: 23.160 min Scan# 4756
Delta R.T. -0.003 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

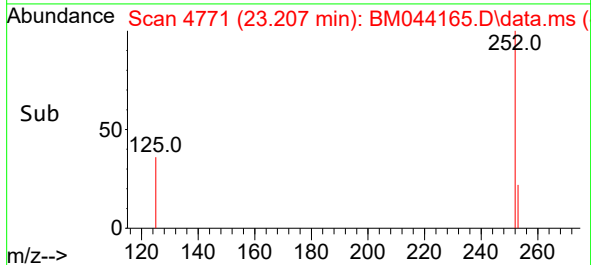
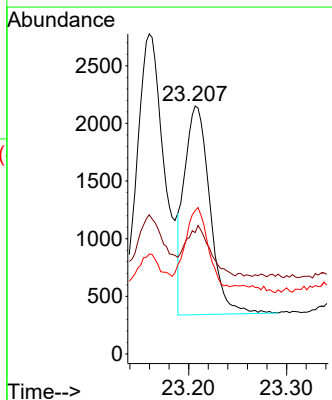
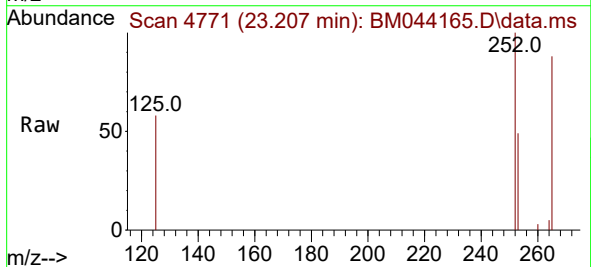
Instrument :
BNA_M
ClientSampleId :
C0AC8

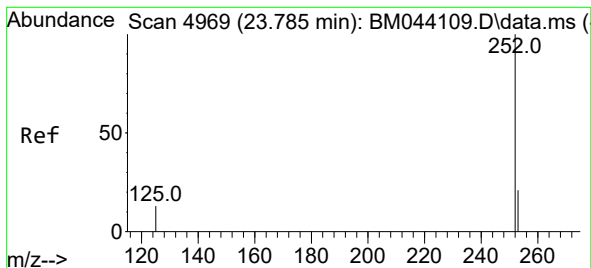
Tgt Ion:252 Resp: 4712
Ion Ratio Lower Upper
252 100
253 43.5 0.0 50.0
125 31.3 0.0 28.2#



#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

Tgt Ion:252 Resp: 3273
Ion Ratio Lower Upper
252 100
253 49.0 20.1 30.1#
125 57.8 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.783 min Scan# 4968

Delta R.T. -0.003 min

Lab File: BM044165.D

Acq: 17 Feb 2024 08:06

Instrument :

BNA_M

ClientSampleId :

C0AC8

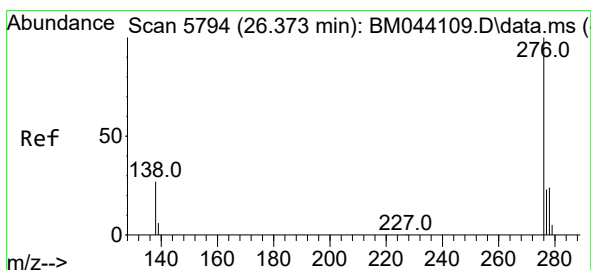
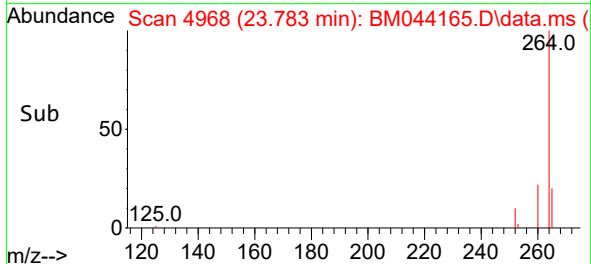
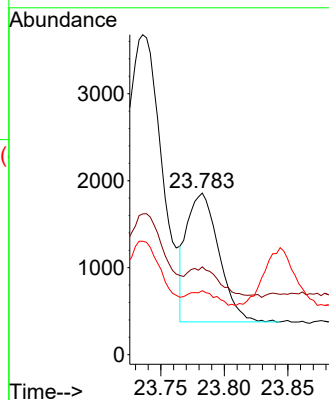
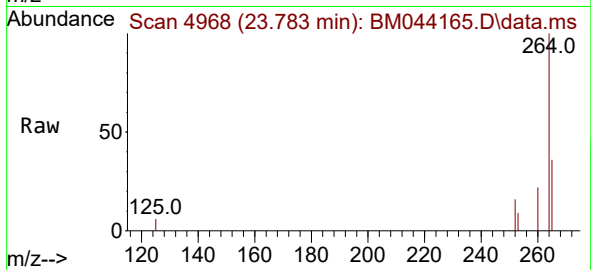
Tgt Ion:252 Resp: 2596

Ion Ratio Lower Upper

252 100

253 54.3 21.4 32.2#

125 39.6 13.3 19.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 26.363 min Scan# 5791

Delta R.T. -0.007 min

Lab File: BM044165.D

Acq: 17 Feb 2024 08:06

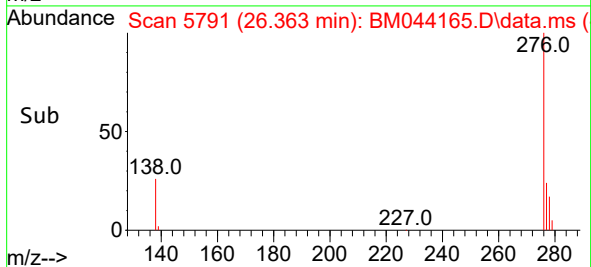
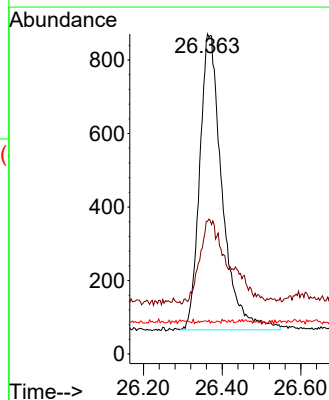
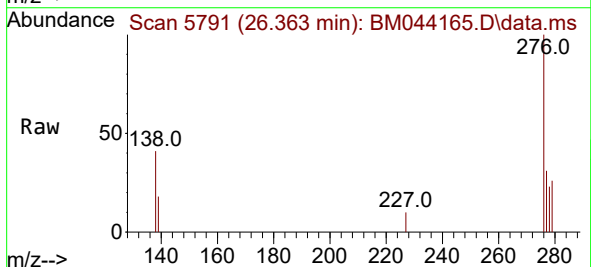
Tgt Ion:276 Resp: 3177

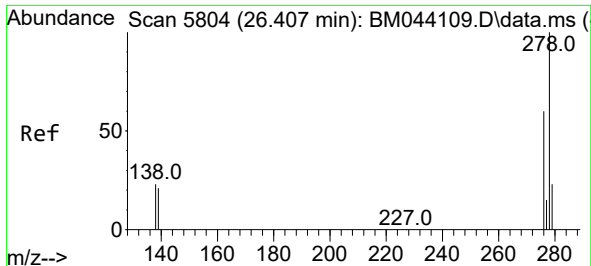
Ion Ratio Lower Upper

276 100

138 35.8 25.2 37.8

227 0.2 0.1 0.1#

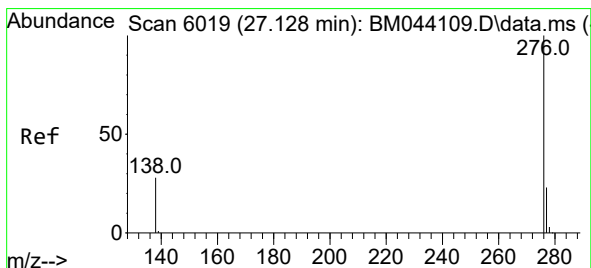
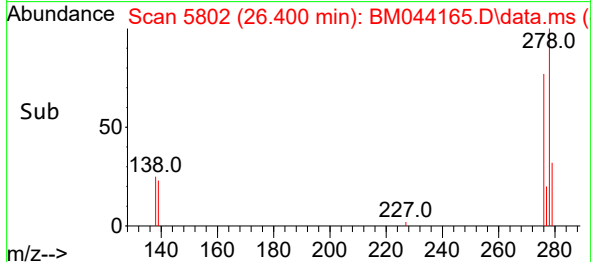
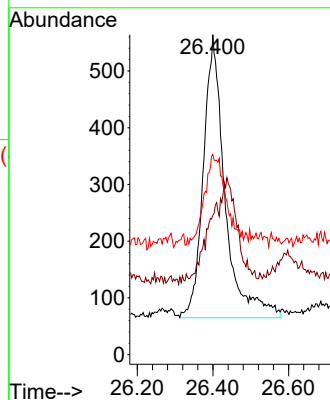
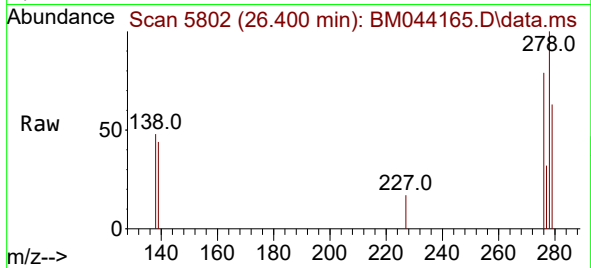




#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.400 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tgt Ion:278 Resp: 1975
Ion Ratio Lower Upper
278 100
139 43.6 17.8 26.8#
279 62.6 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044165.D
Acq: 17 Feb 2024 08:06

Tgt Ion:276 Resp: 2967
Ion Ratio Lower Upper
276 100
138 41.4 22.7 34.1#
277 32.5 19.0 28.6#

