

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049184.D
 Acq On : 24 Dec 2024 14:44
 Operator : RC/JU
 Sample : P5333-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

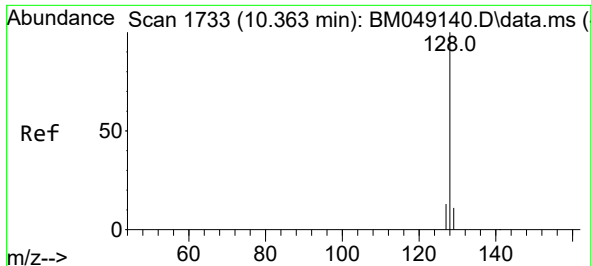
Instrument :
 BNA_M
 ClientSampleId :
 E2916

Quant Time: Dec 24 21:40:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

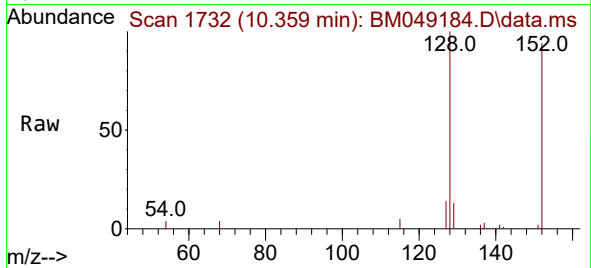
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7325	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	22693	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	12752	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.036	188	1181365	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.388	240	169	0.400	ng/ul	# 0.24
23) Perylene-d12	23.542	264	2942	0.400	ng/ul	# 0.24
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30420	3.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7006	0.230	ng/ul	-0.02
18) Fluoranthene-d10	19.337	212	1333956	2781.987	ng/ul	0.35
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	11658	0.205	ng/ul	98
7) 2-Methylnaphthalene	11.987	142	8447	0.235	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	3622	0.098	ng/ul	98
10) Acenaphthylene	13.901	152	5746	0.109	ng/ul#	93
11) Acenaphthene	14.248	153	3037	0.079	ng/ul	98
12) Fluorene	15.242	166	3000	0.069	ng/ul#	95
19) Fluoranthene	19.365	202	189996	310.938	ng/ul	97
20) Pyrene	19.611	202	2297	3.525	ng/ul#	71
21) Benzo(a)anthracene	21.374	228	624	1.061	ng/ul#	1
22) Chrysene	21.435	228	57	0.090	ng/ul#	1
24) Benzo(b)fluoranthene	22.817	252	28236	3.004	ng/ul	88
25) Benzo(k)fluoranthene	23.036	252	3820	0.370	ng/ul#	1
26) Benzo(a)pyrene	23.341	252	48822	5.416	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.682	276	6293	0.493	ng/ul#	56
28) Dibenzo(a,h)anthracene	25.765	278	29159	2.942	ng/ul	94
29) Benzo(g,h,i)perylene	26.419	276	37698	3.675	ng/ul#	93

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

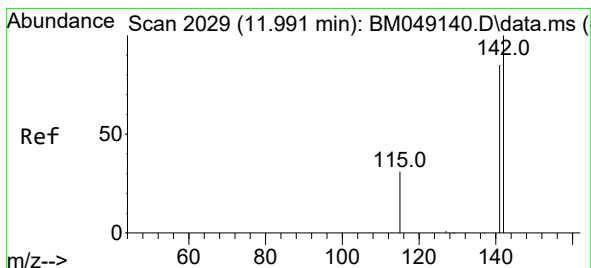
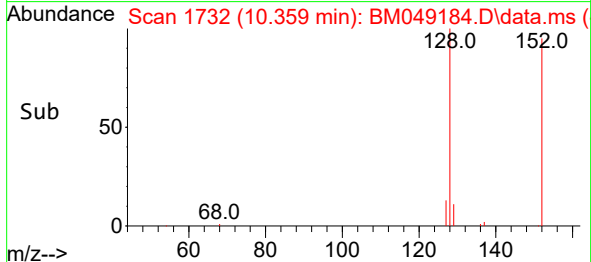
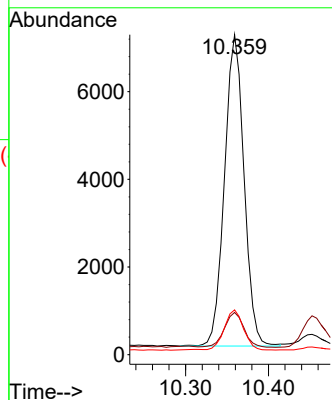


#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

Instrument :
BNA_M
ClientSampleId :
E2916

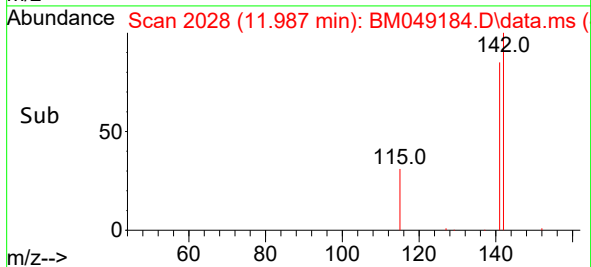
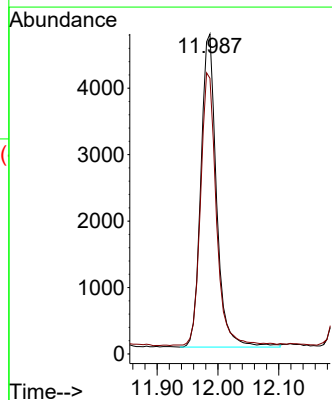
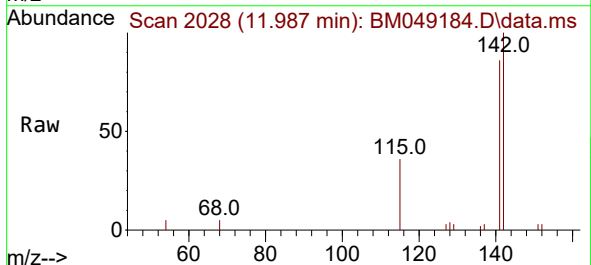


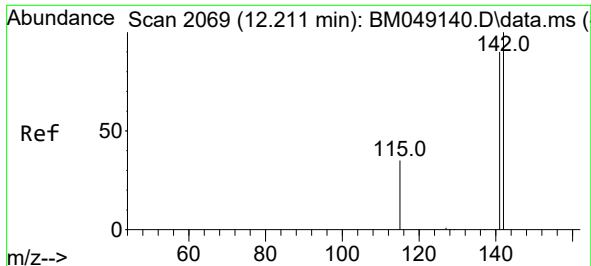
Tgt Ion:128 Resp: 11658
Ion Ratio Lower Upper
128 100
129 13.2 9.7 14.5
127 14.0 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. -0.015 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

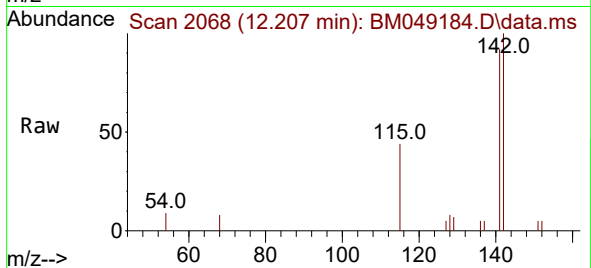
Tgt Ion:142 Resp: 8447
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5



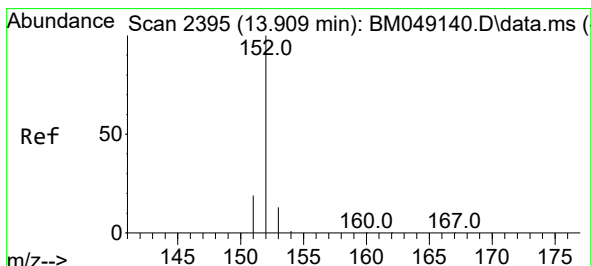
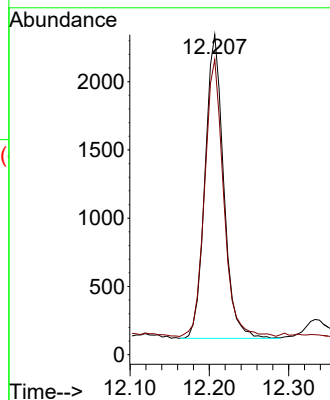
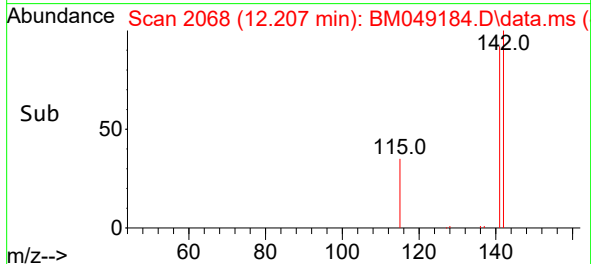


#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

Instrument :
BNA_M
ClientSampleId :
E2916

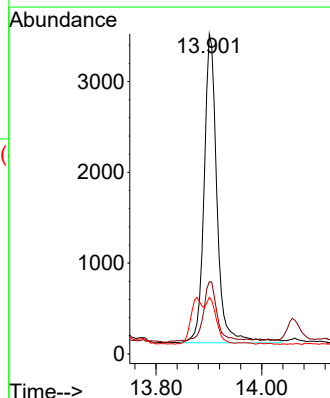
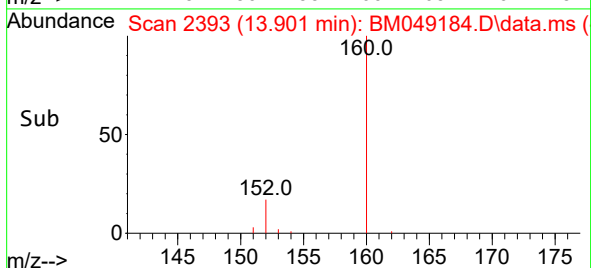
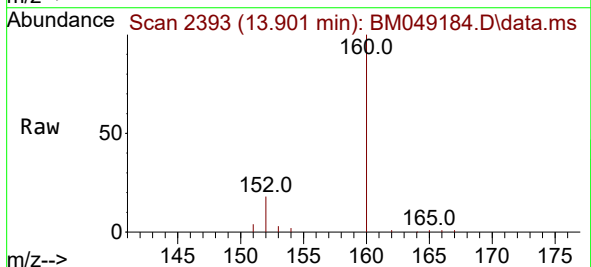


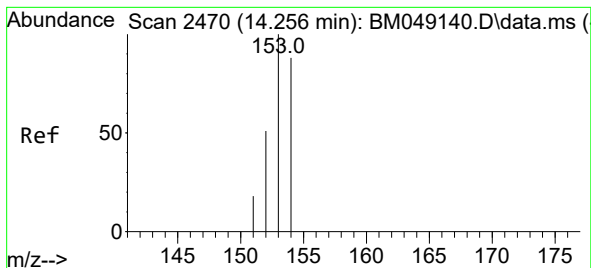
Tgt Ion:142 Resp: 3622
Ion Ratio Lower Upper
142 100
141 92.8 72.7 109.1



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

Tgt Ion:152 Resp: 5746
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 17.7 11.0 16.6#





#11

Acenaphthene

Concen: 0.079 ng/ul

RT: 14.248 min Scan# 2470

Delta R.T. -0.017 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

Instrument :

BNA_M

ClientSampleId :

E2916

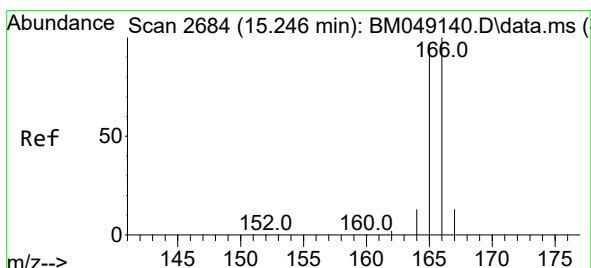
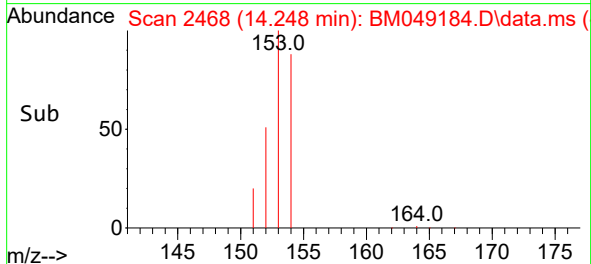
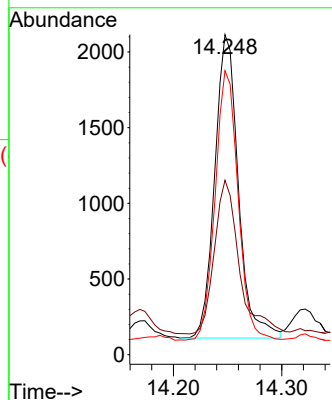
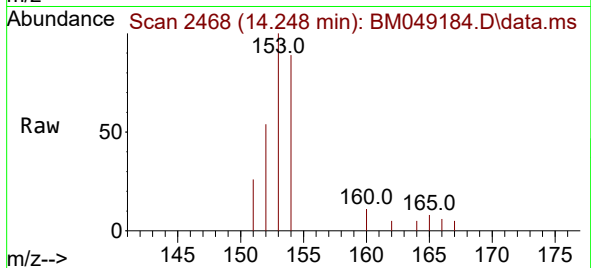
Tgt Ion:153 Resp: 3037

Ion Ratio Lower Upper

153 100

152 54.5 40.7 61.1

154 88.7 70.8 106.2



#12

Fluorene

Concen: 0.069 ng/ul

RT: 15.242 min Scan# 2683

Delta R.T. -0.013 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

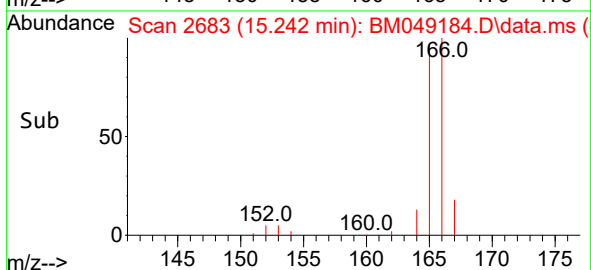
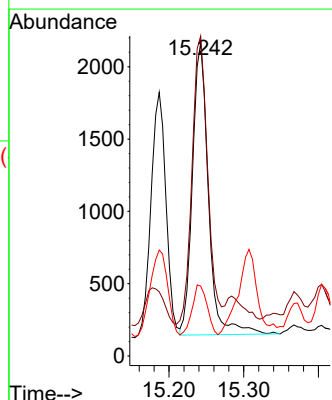
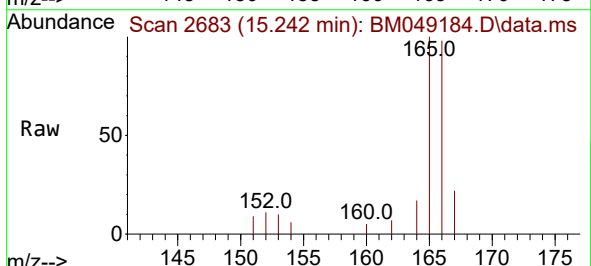
Tgt Ion:166 Resp: 3000

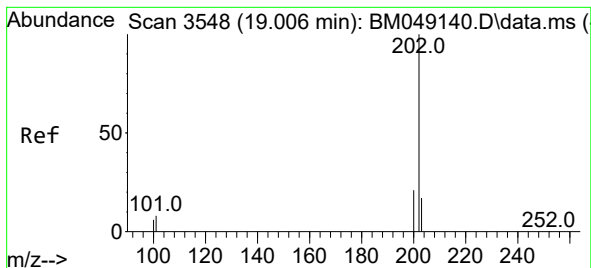
Ion Ratio Lower Upper

166 100

165 102.2 79.7 119.5

167 22.4 11.4 17.0#





#19

Fluoranthene

Concen: 310.938 ng/ul

RT: 19.365 min Scan# 3

Delta R.T. 0.350 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

Instrument :

BNA_M

ClientSampleId :

E2916

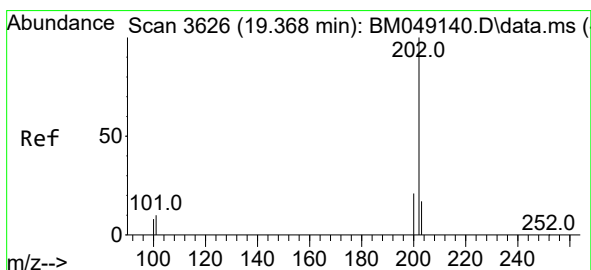
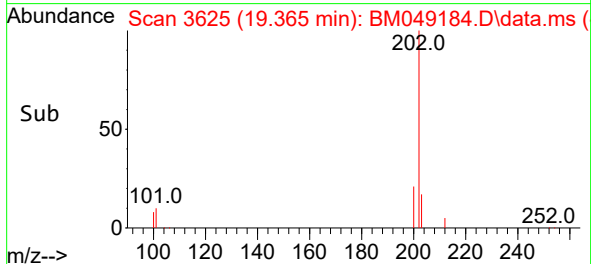
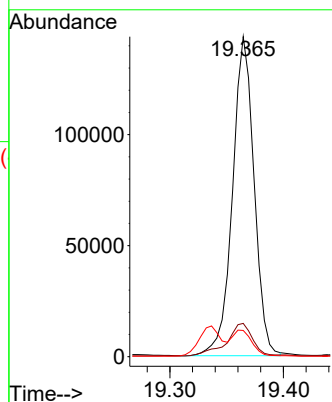
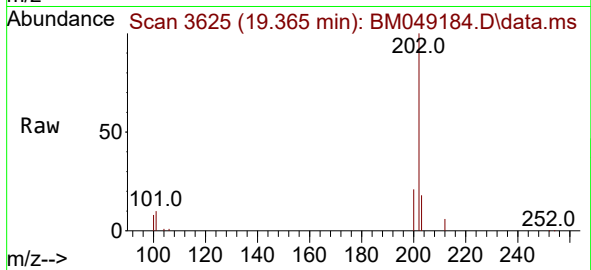
Tgt Ion:202 Resp: 189996

Ion Ratio Lower Upper

202 100

101 10.4 7.6 11.4

100 8.2 5.5 8.3



#20

Pyrene

Concen: 3.525 ng/ul

RT: 19.611 min Scan# 3678

Delta R.T. 0.234 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

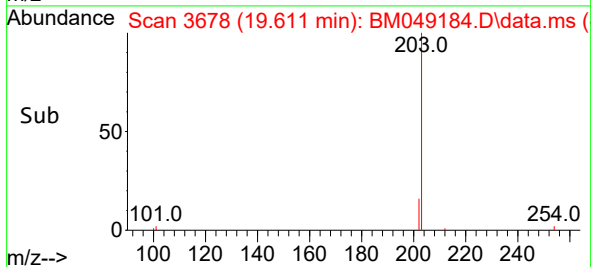
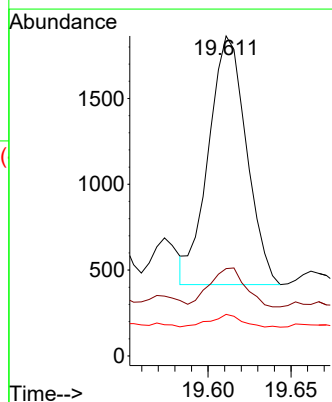
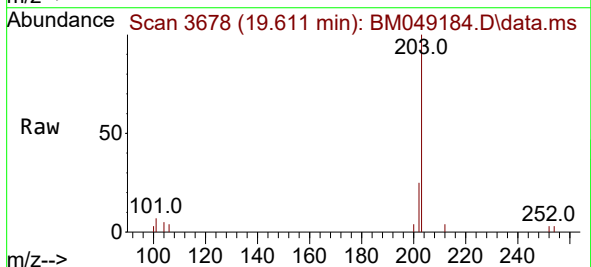
Tgt Ion:202 Resp: 2297

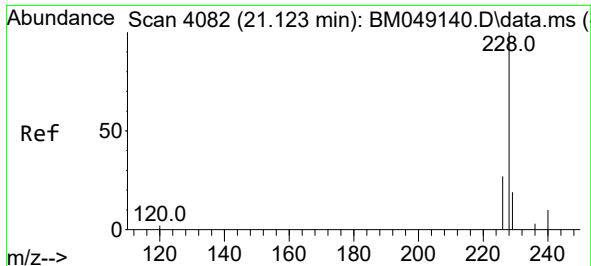
Ion Ratio Lower Upper

202 100

101 27.3 8.9 13.3#

100 13.0 6.9 10.3#

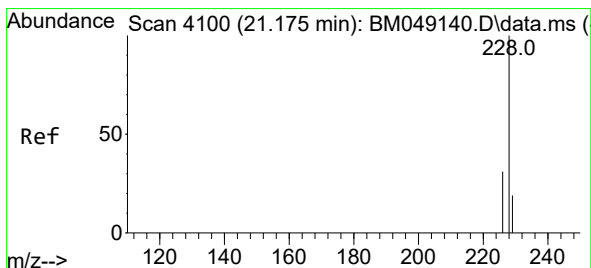
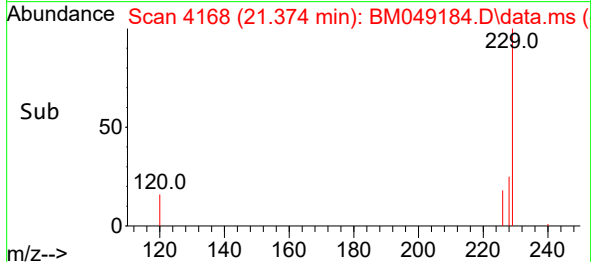
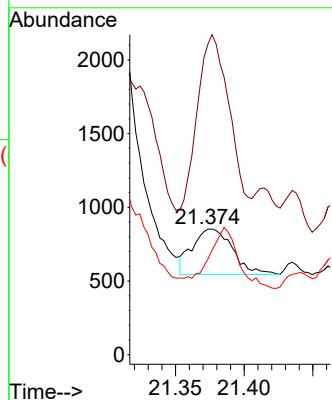
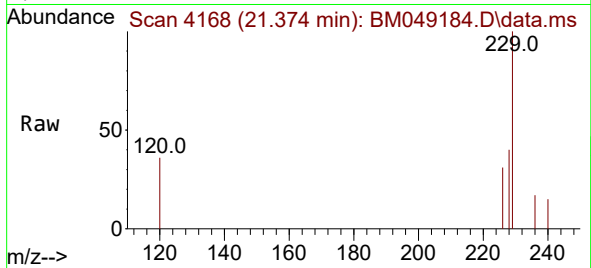




#21
Benzo(a)anthracene
Concen: 1.061 ng/ul
RT: 21.374 min Scan# 4118
Delta R.T. 0.242 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

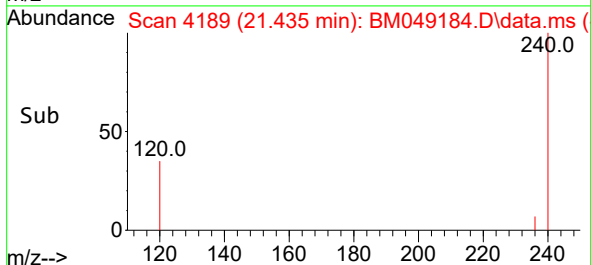
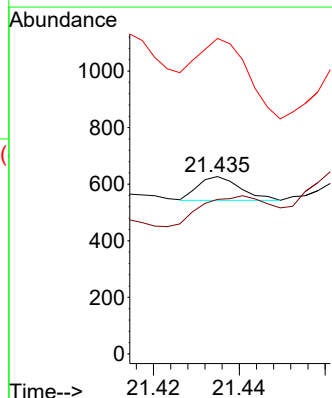
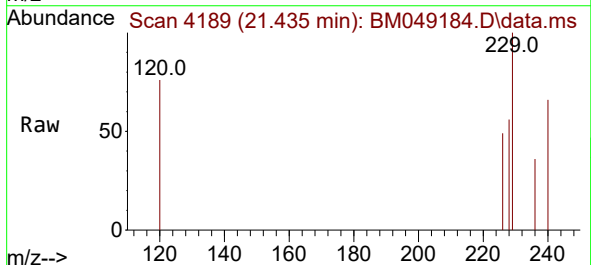
Instrument :
BNA_M
ClientSampleId :
E2916

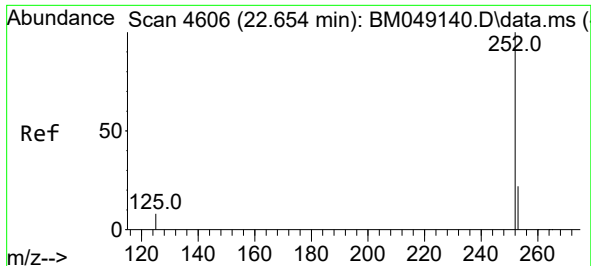
Tgt Ion:228 Resp: 624
Ion Ratio Lower Upper
228 100
229 247.4 15.9 23.9#
226 76.3 22.6 34.0#



#22
Chrysene
Concen: 0.090 ng/ul
RT: 21.435 min Scan# 4189
Delta R.T. 0.251 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

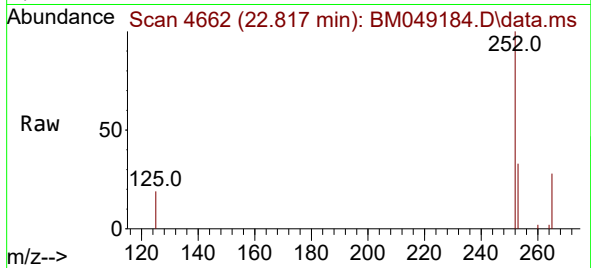
Tgt Ion:228 Resp: 57
Ion Ratio Lower Upper
228 100
226 87.1 24.1 36.1#
229 177.8 15.8 23.8#



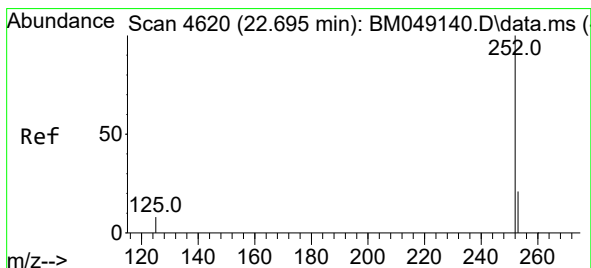
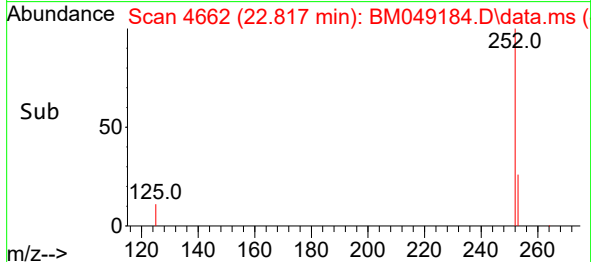
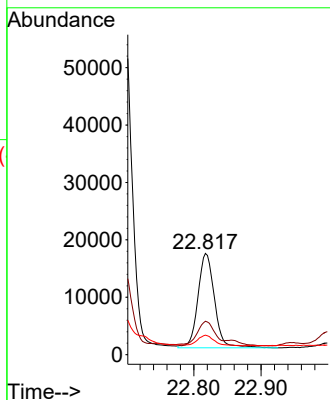


#24
Benzo(b)fluoranthene
Concen: 3.004 ng/ul
RT: 22.817 min Scan# 4
Delta R.T. 0.155 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

Instrument :
BNA_M
ClientSampleId :
E2916

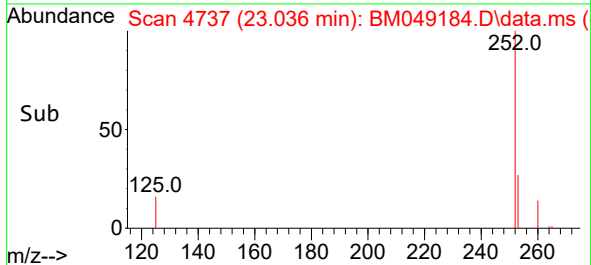
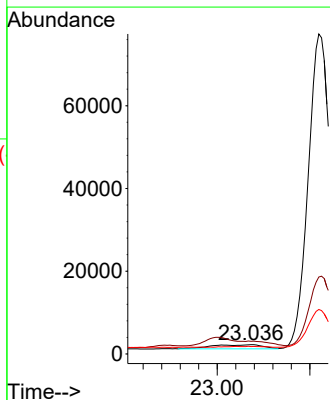
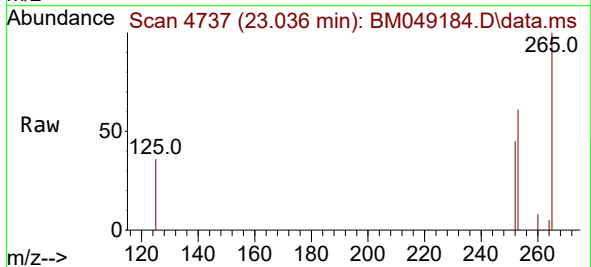


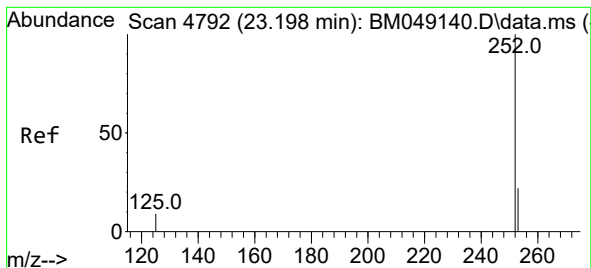
Tgt Ion:252 Resp: 28236
Ion Ratio Lower Upper
252 100
253 33.0 0.0 52.6
125 19.3 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.036 min Scan# 4737
Delta R.T. 0.330 min
Lab File: BM049184.D
Acq: 24 Dec 2024 14:44

Tgt Ion:252 Resp: 3820
Ion Ratio Lower Upper
252 100
253 135.0 21.3 31.9#
125 79.7 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 5.416 ng/ul

RT: 23.341 min Scan# 41

Delta R.T. 0.131 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

Instrument :

BNA_M

ClientSampleId :

E2916

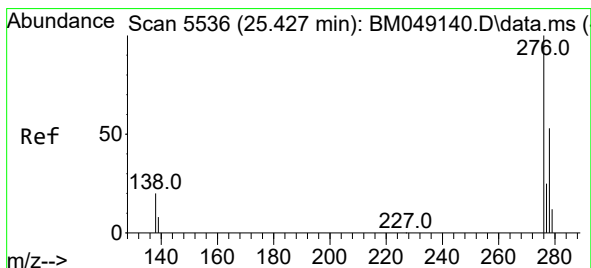
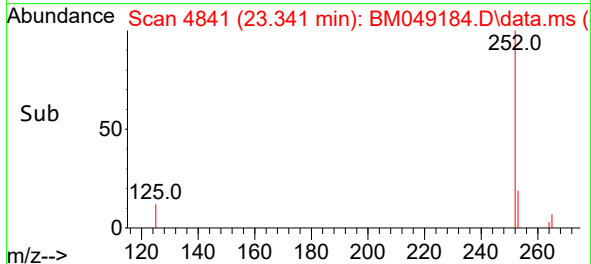
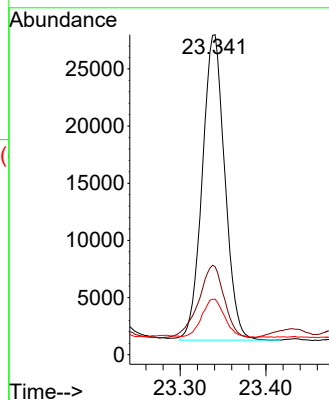
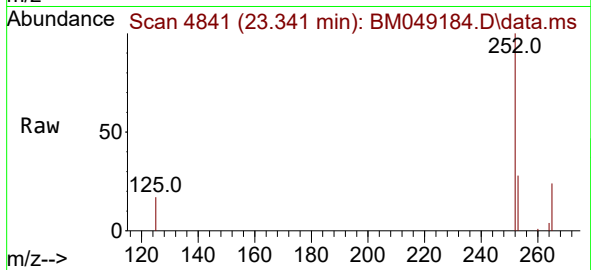
Tgt Ion:252 Resp: 48822

Ion Ratio Lower Upper

252 100

253 27.5 22.4 33.6

125 17.4 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.493 ng/ul

RT: 25.682 min Scan# 5612

Delta R.T. 0.234 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

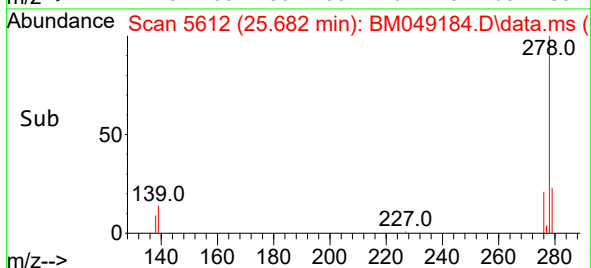
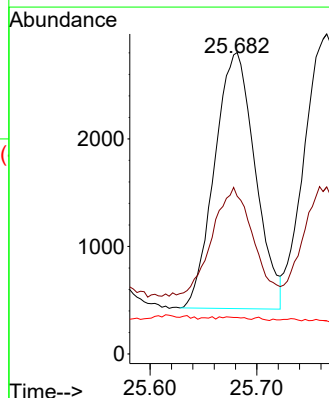
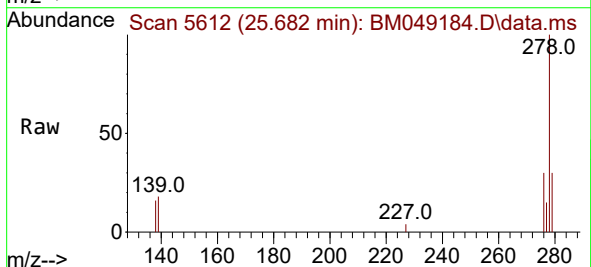
Tgt Ion:276 Resp: 6293

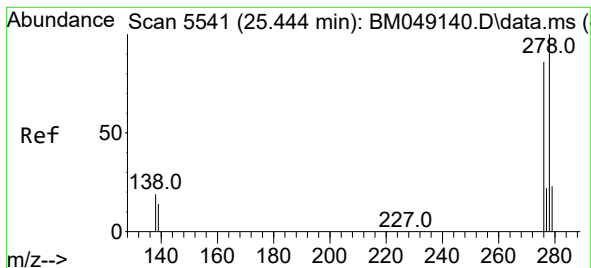
Ion Ratio Lower Upper

276 100

138 42.9 17.4 26.2#

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 2.942 ng/ul

RT: 25.765 min Scan# 5

Delta R.T. 0.298 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

Instrument :

BNA_M

ClientSampleId :

E2916

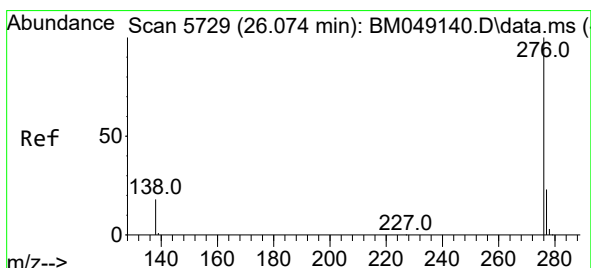
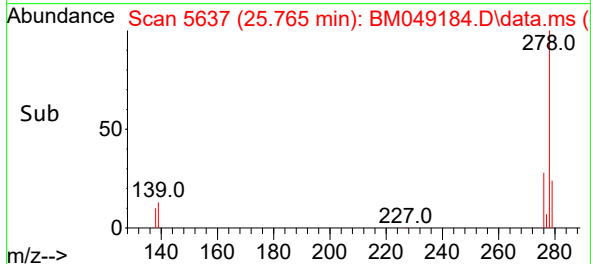
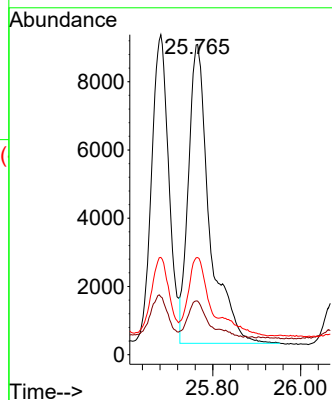
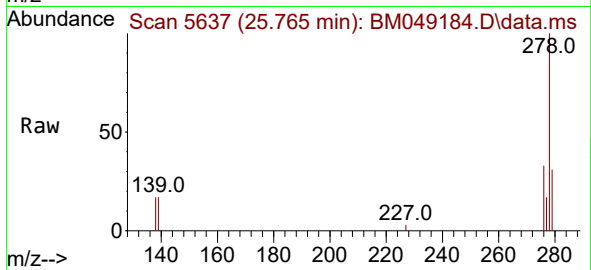
Tgt Ion:278 Resp: 29159

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

279 31.3 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 3.675 ng/ul

RT: 26.419 min Scan# 5832

Delta R.T. 0.325 min

Lab File: BM049184.D

Acq: 24 Dec 2024 14:44

Tgt Ion:276 Resp: 37698

Ion Ratio Lower Upper

276 100

138 22.1 16.7 25.1

277 30.7 19.9 29.9#

