

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046896.D
 Acq On : 29 Jul 2024 22:50
 Operator : MA/JU
 Sample : P3329-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E23

Quant Time: Jul 30 00:03:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

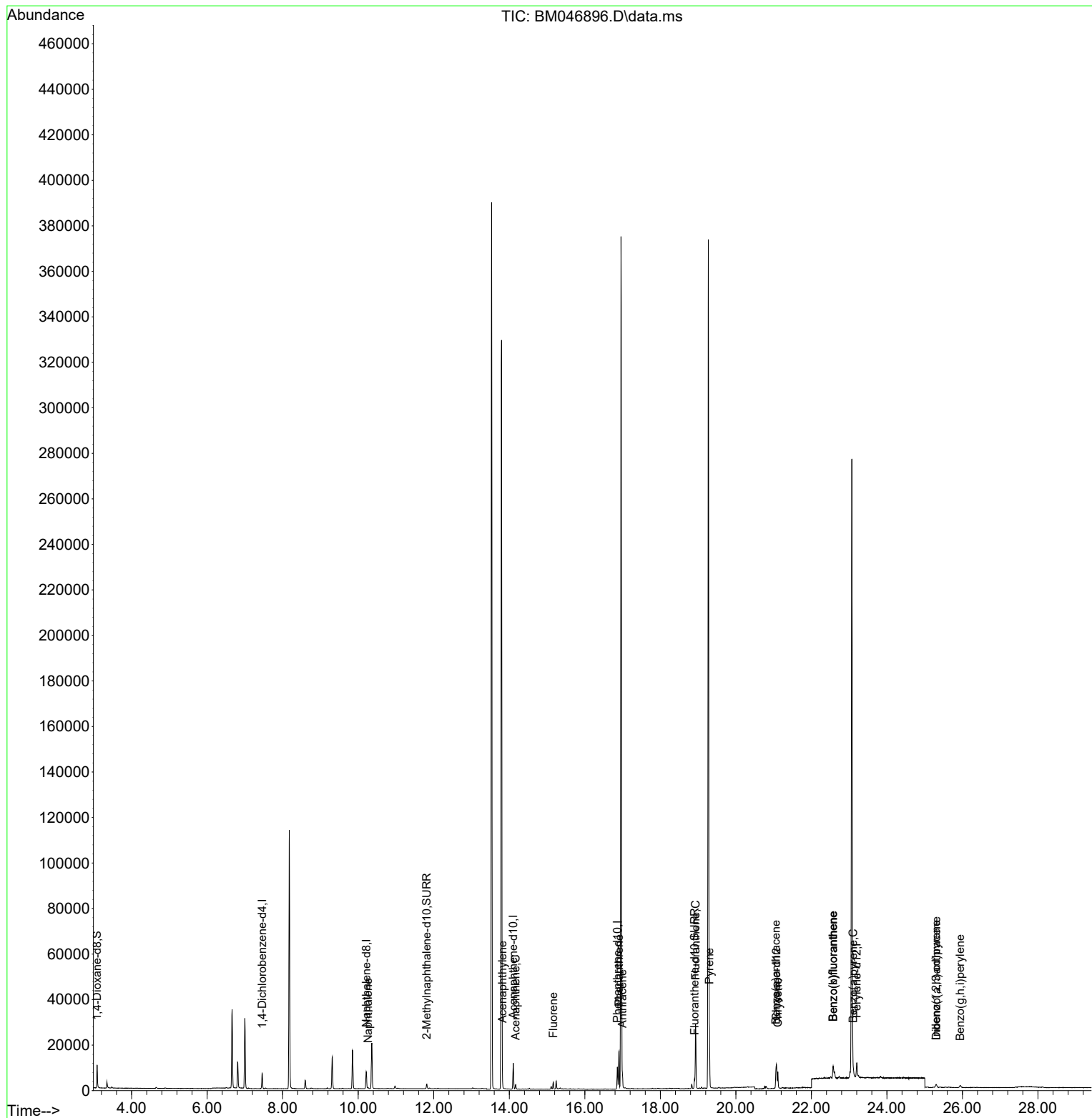
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3389	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.210	136	10081	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6263	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.862	188	11776	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7642	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264	8313	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5934	2.501	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2717	0.170	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212	4462	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	683	0.027	ng/ul#	74
10) Acenaphthylene	13.817	152	820	0.029	ng/ul#	79
11) Acenaphthene	14.169	153	1095	0.056	ng/ul	97
12) Fluorene	15.163	166	1850	0.076	ng/ul#	98
15) Phenanthrene	16.905	178	17057	0.504	ng/ul	98
16) Anthracene	16.993	178	5406	0.172	ng/ul	97
19) Fluoranthene	18.932	202	26397	0.787	ng/ul	100
20) Pyrene	19.299	202	21399	0.616	ng/ul	100
21) Benzo(a)anthracene	21.061	228	6677	0.210	ng/ul	96
22) Chrysene	21.111	228	7659	0.237	ng/ul	96
24) Benzo(b)fluoranthene	22.574	252	11120	0.305	ng/ul#	80
25) Benzo(k)fluoranthene	22.574	252	11120	0.302	ng/ul#	85
26) Benzo(a)pyrene	23.109	252	3304	0.126	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.302	276	2279	0.057	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.306	278	637	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	25.940	276	1968	0.055	ng/ul#	66

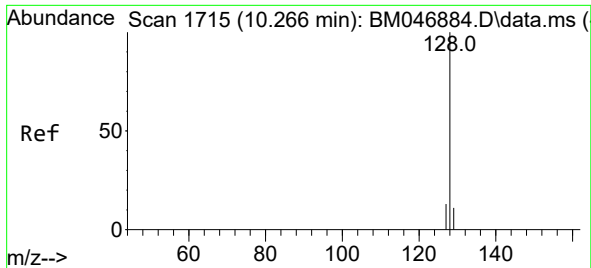
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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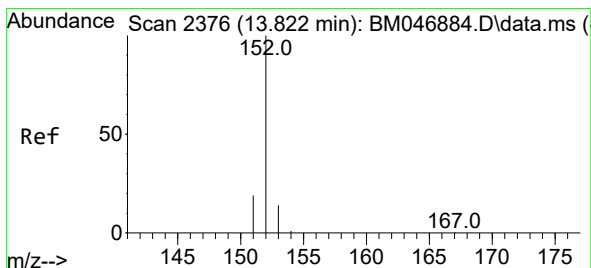
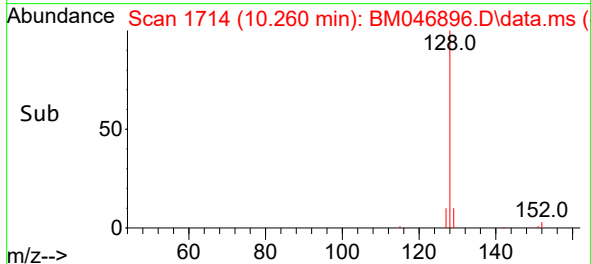
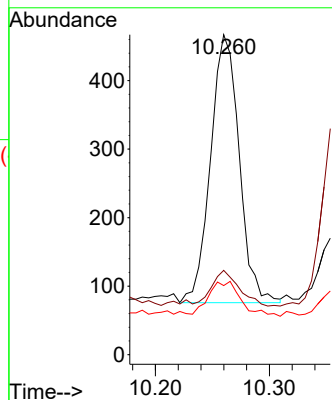
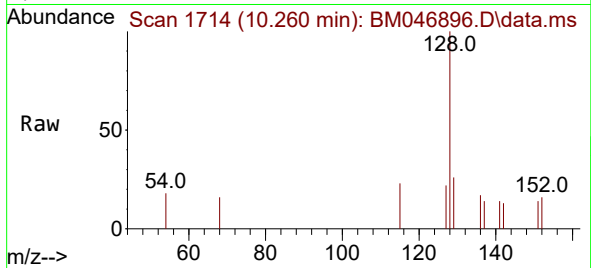




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.260 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

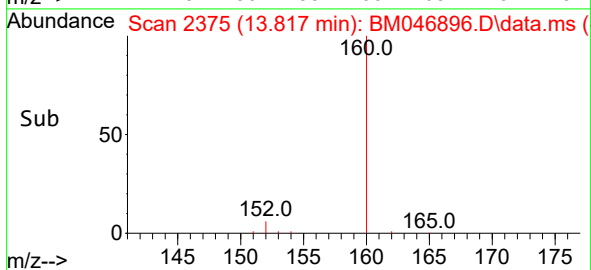
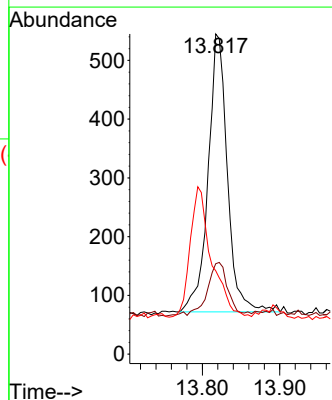
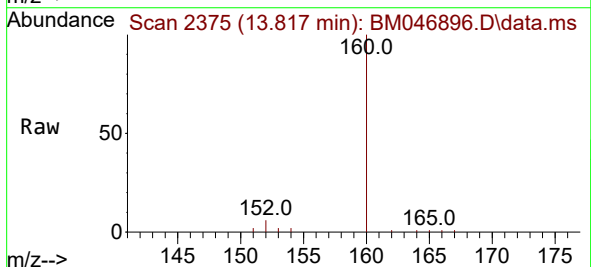
Instrument :
BNA_M
ClientSampleId :
F7E23

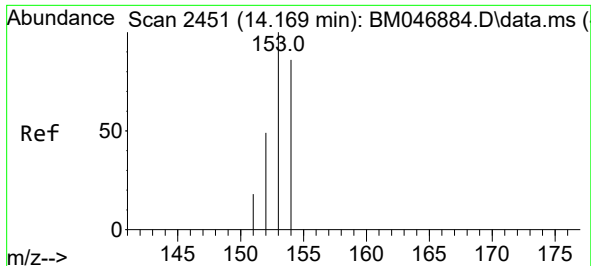
Tgt Ion:128 Resp: 683
Ion Ratio Lower Upper
128 100
129 26.3 10.1 15.1#
127 21.6 11.5 17.3#



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.817 min Scan# 2375
Delta R.T. -0.014 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Tgt Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
151 28.3 16.8 25.2#
153 26.1 11.0 16.6#

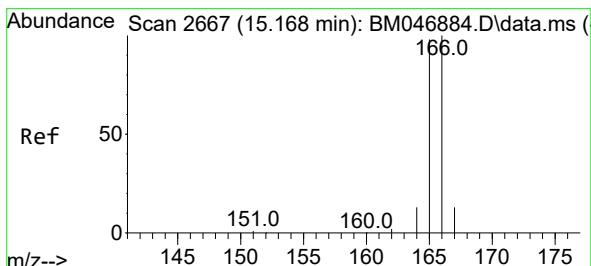
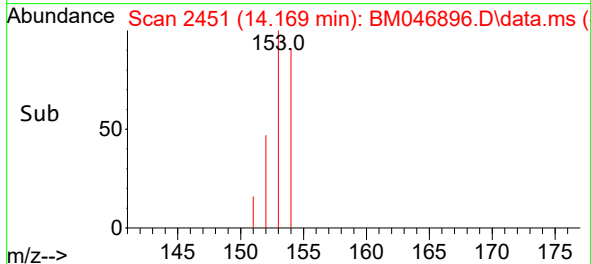
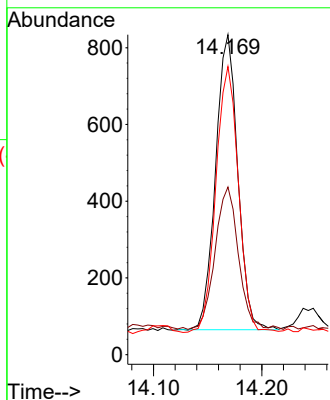
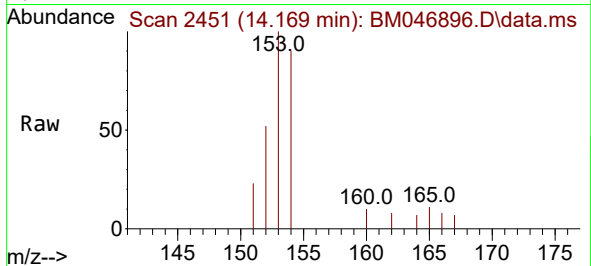




#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

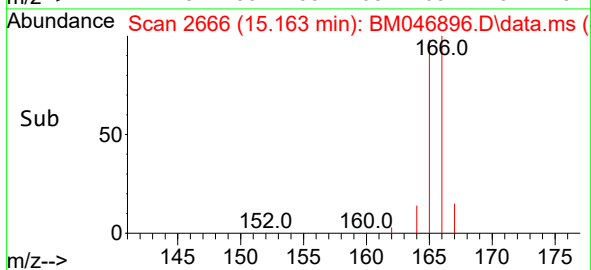
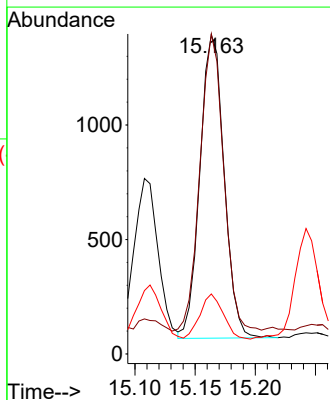
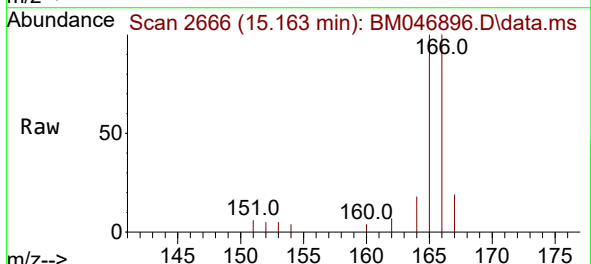
Instrument :
BNA_M
ClientSampleId :
F7E23

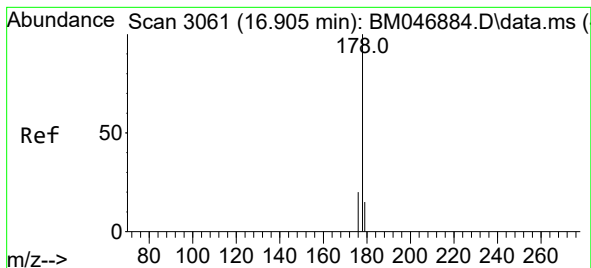
Tgt Ion:153 Resp: 1095
Ion Ratio Lower Upper
153 100
152 52.4 38.6 57.8
154 90.0 70.8 106.2



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.163 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Tgt Ion:166 Resp: 1850
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.6
167 18.8 12.3 18.5#





#15

Phenanthrene

Concen: 0.504 ng/ul

RT: 16.905 min Scan# 3061

Delta R.T. -0.009 min

Lab File: BM046896.D

Acq: 29 Jul 2024 22:50

Instrument :

BNA_M

ClientSampleId :

F7E23

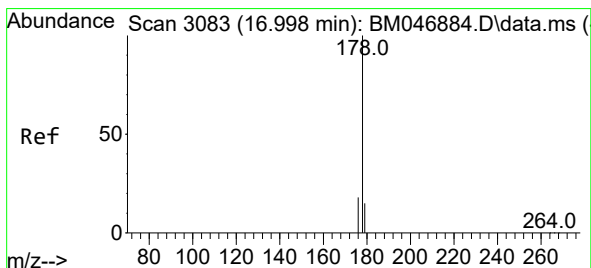
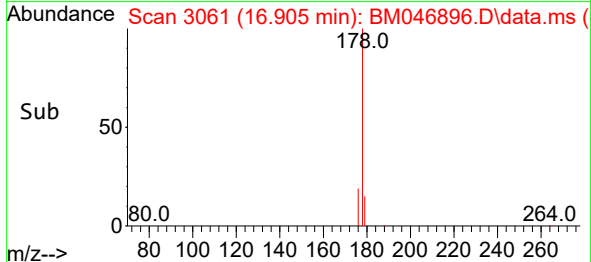
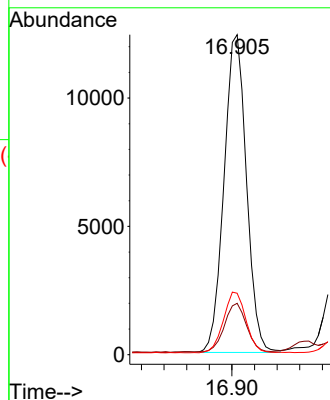
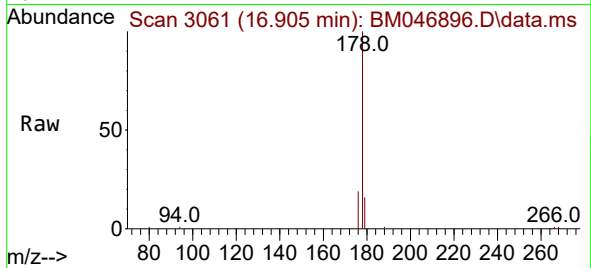
Tgt Ion:178 Resp: 17057

Ion Ratio Lower Upper

178 100

179 16.0 13.4 20.2

176 19.2 16.1 24.1



#16

Anthracene

Concen: 0.172 ng/ul

RT: 16.993 min Scan# 3082

Delta R.T. -0.013 min

Lab File: BM046896.D

Acq: 29 Jul 2024 22:50

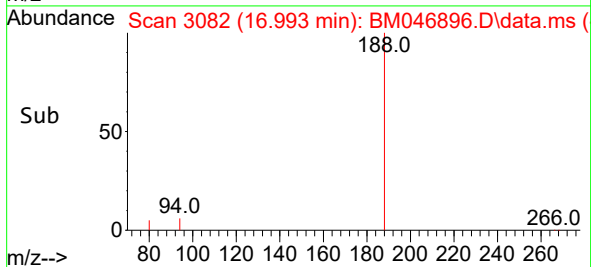
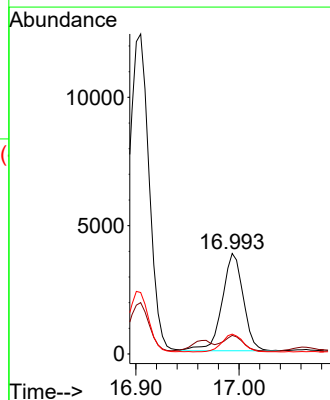
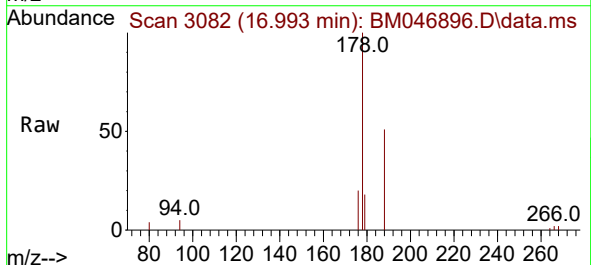
Tgt Ion:178 Resp: 5406

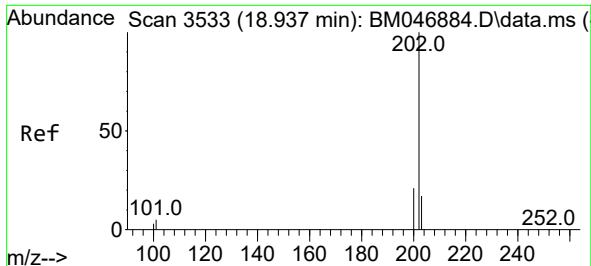
Ion Ratio Lower Upper

178 100

179 18.4 13.1 19.7

176 19.8 15.0 22.6

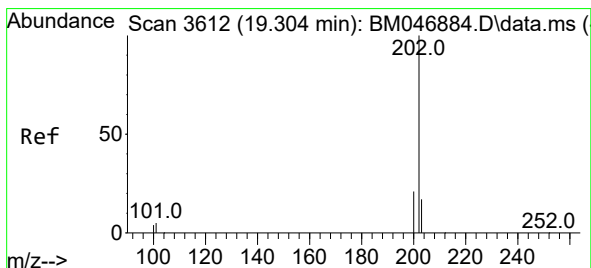
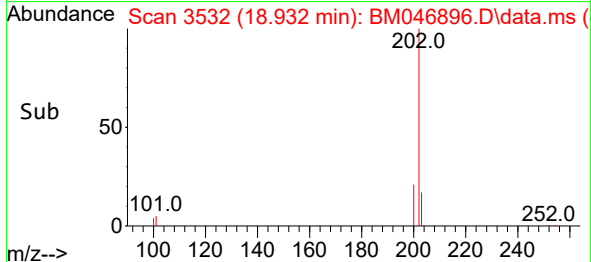
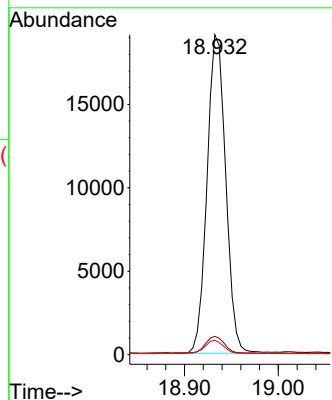
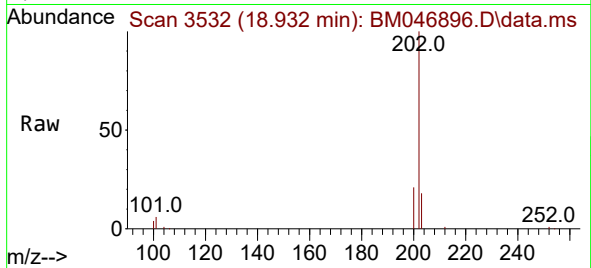




#19
Fluoranthene
Concen: 0.787 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

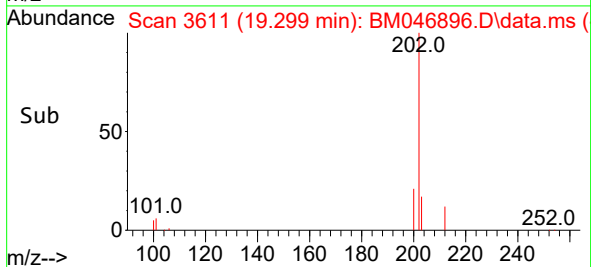
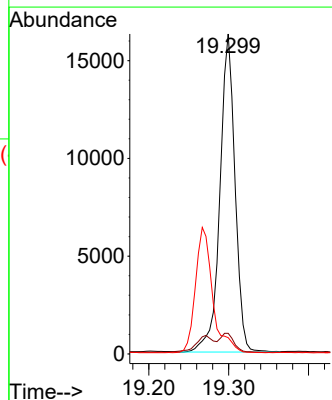
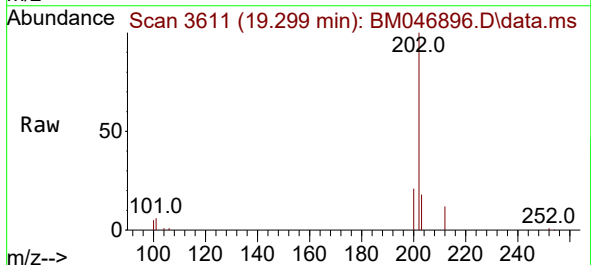
Instrument :
BNA_M
ClientSampleId :
F7E23

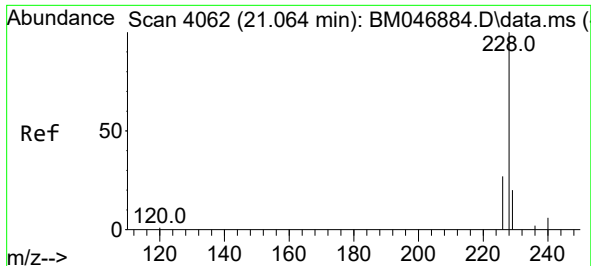
Tgt Ion:202 Resp: 26397
Ion Ratio Lower Upper
202 100
101 5.8 4.7 7.1
100 4.5 3.4 5.2



#20
Pyrene
Concen: 0.616 ng/ul
RT: 19.299 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

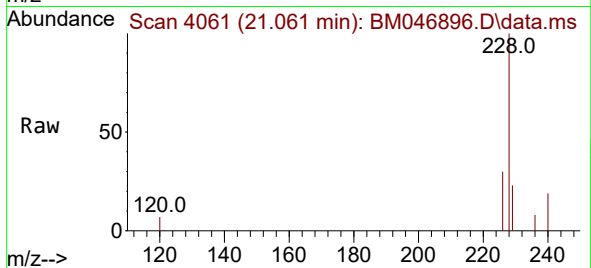
Tgt Ion:202 Resp: 21399
Ion Ratio Lower Upper
202 100
101 6.4 5.2 7.8
100 5.1 4.3 6.5



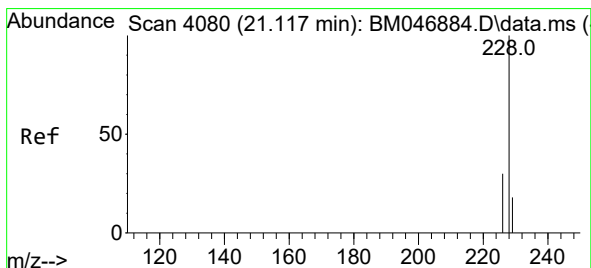
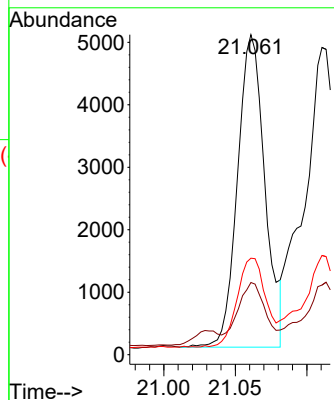
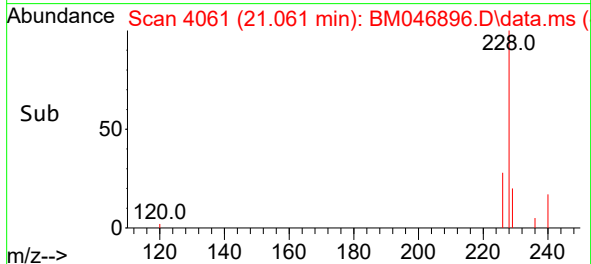


#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Instrument :
BNA_M
ClientSampleId :
F7E23

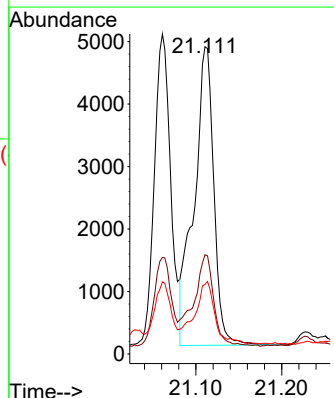
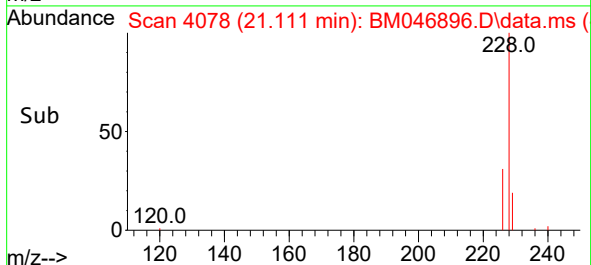
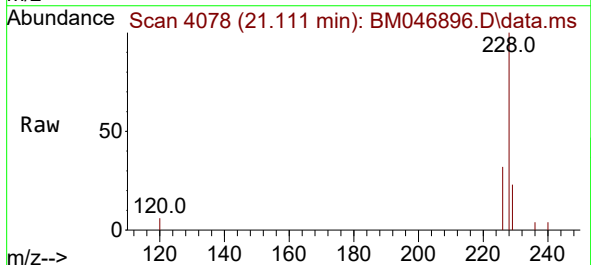


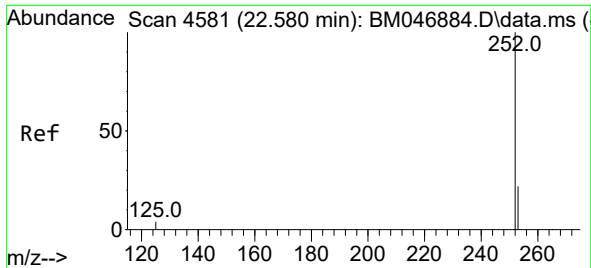
Tgt Ion:228 Resp: 6677
Ion Ratio Lower Upper
228 100
229 22.5 16.3 24.5
226 30.1 22.3 33.5



#22
Chrysene
Concen: 0.237 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Tgt Ion:228 Resp: 7659
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 22.7 16.2 24.2

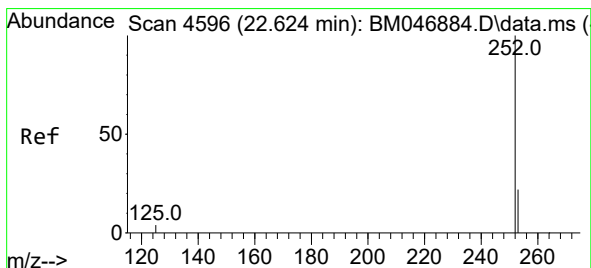
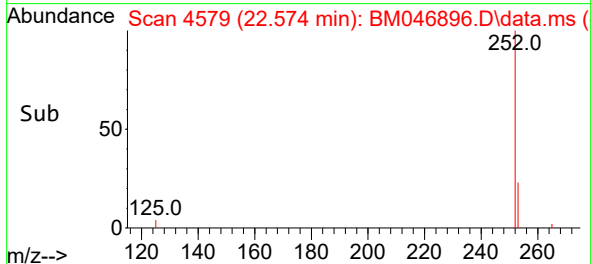
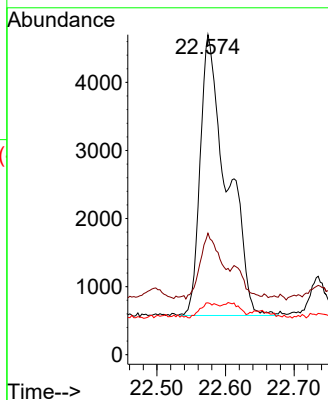
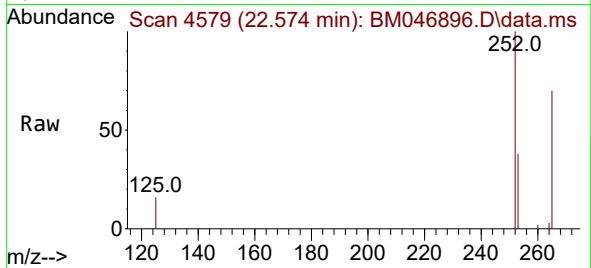




#24
Benzo(b)fluoranthene
Concen: 0.305 ng/ul
RT: 22.574 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

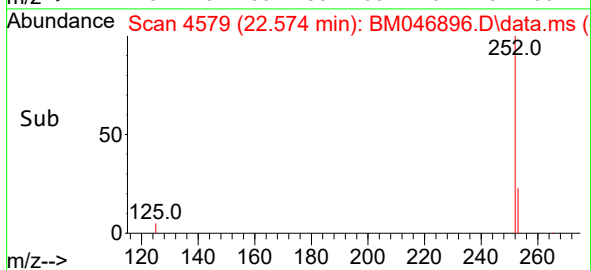
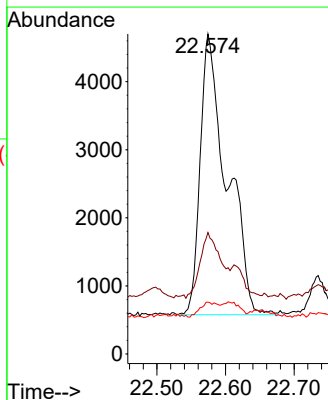
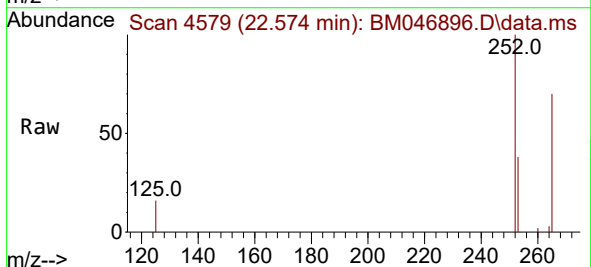
Instrument :
BNA_M
ClientSampleId :
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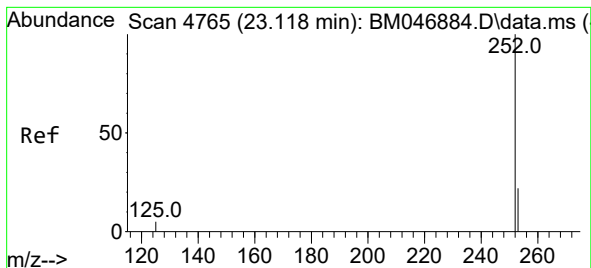
Tgt Ion:252 Resp: 11120
Ion Ratio Lower Upper
252 100
253 37.9 0.0 56.4
125 16.2 0.0 15.8#



#25
Benzo(k)fluoranthene
Concen: 0.302 ng/ul
RT: 22.574 min Scan# 4579
Delta R.T. -0.047 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Tgt Ion:252 Resp: 11120
Ion Ratio Lower Upper
252 100
253 37.9 23.5 35.3#
125 16.2 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.126 ng/ul

RT: 23.109 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM046896.D

Acq: 29 Jul 2024 22:50

Instrument :

BNA_M

ClientSampleId :

F7E23

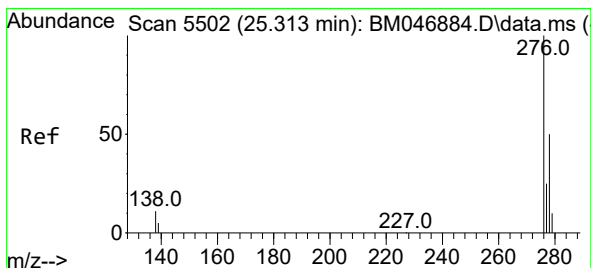
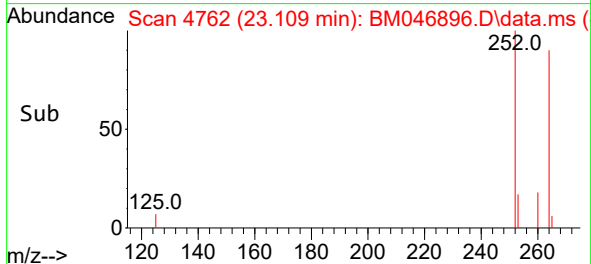
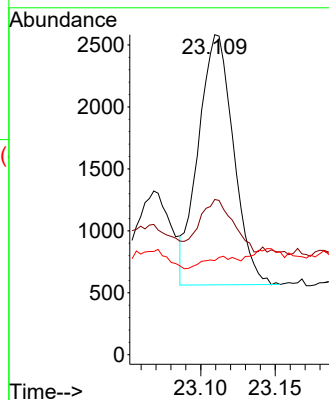
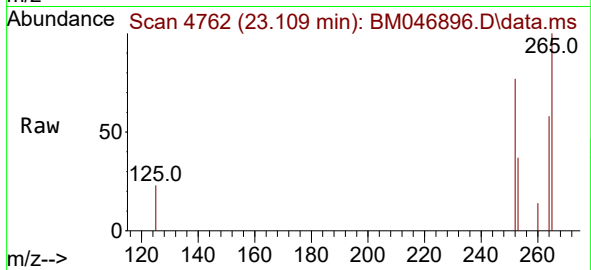
Tgt Ion:252 Resp: 3304

Ion Ratio Lower Upper

252 100

253 48.5 26.0 39.0#

125 29.4 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/ul

RT: 25.302 min Scan# 5499

Delta R.T. -0.014 min

Lab File: BM046896.D

Acq: 29 Jul 2024 22:50

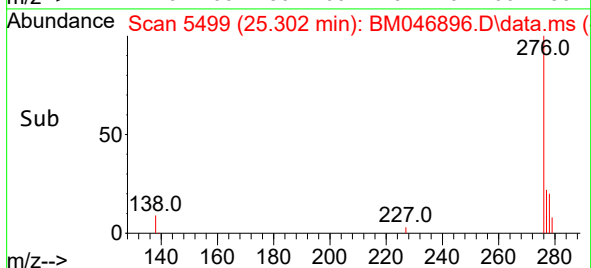
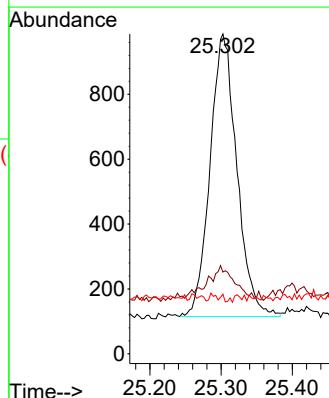
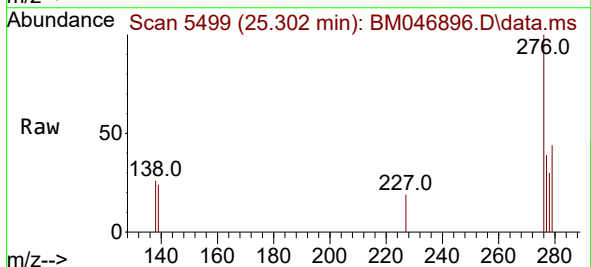
Tgt Ion:276 Resp: 2279

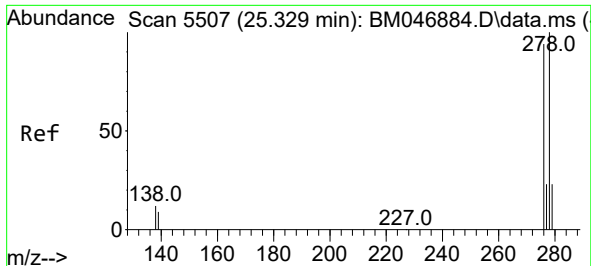
Ion Ratio Lower Upper

276 100

138 10.7 9.7 14.5

227 0.5 0.2 0.2#

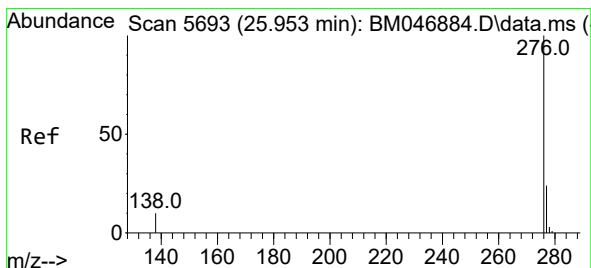
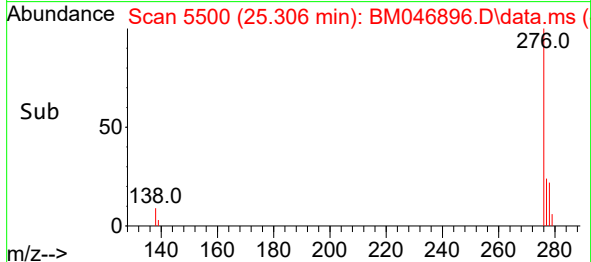
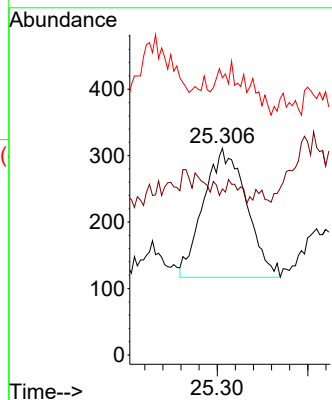
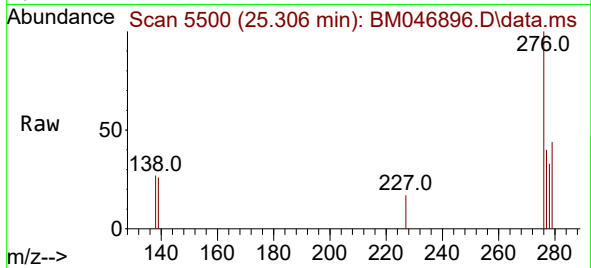




#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.306 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Instrument :
BNA_M
ClientSampleId :
F7E23

Tgt Ion:278 Resp: 637
Ion Ratio Lower Upper
278 100
139 80.4 9.8 14.8#
279 134.1 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 25.940 min Scan# 5689
Delta R.T. -0.014 min
Lab File: BM046896.D
Acq: 29 Jul 2024 22:50

Tgt Ion:276 Resp: 1968
Ion Ratio Lower Upper
276 100
138 28.0 9.5 14.3#
277 41.5 20.9 31.3#

