

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046893.D
 Acq On : 29 Jul 2024 21:00
 Operator : MA/JU
 Sample : P3329-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E13

Quant Time: Jul 30 00:02:28 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)

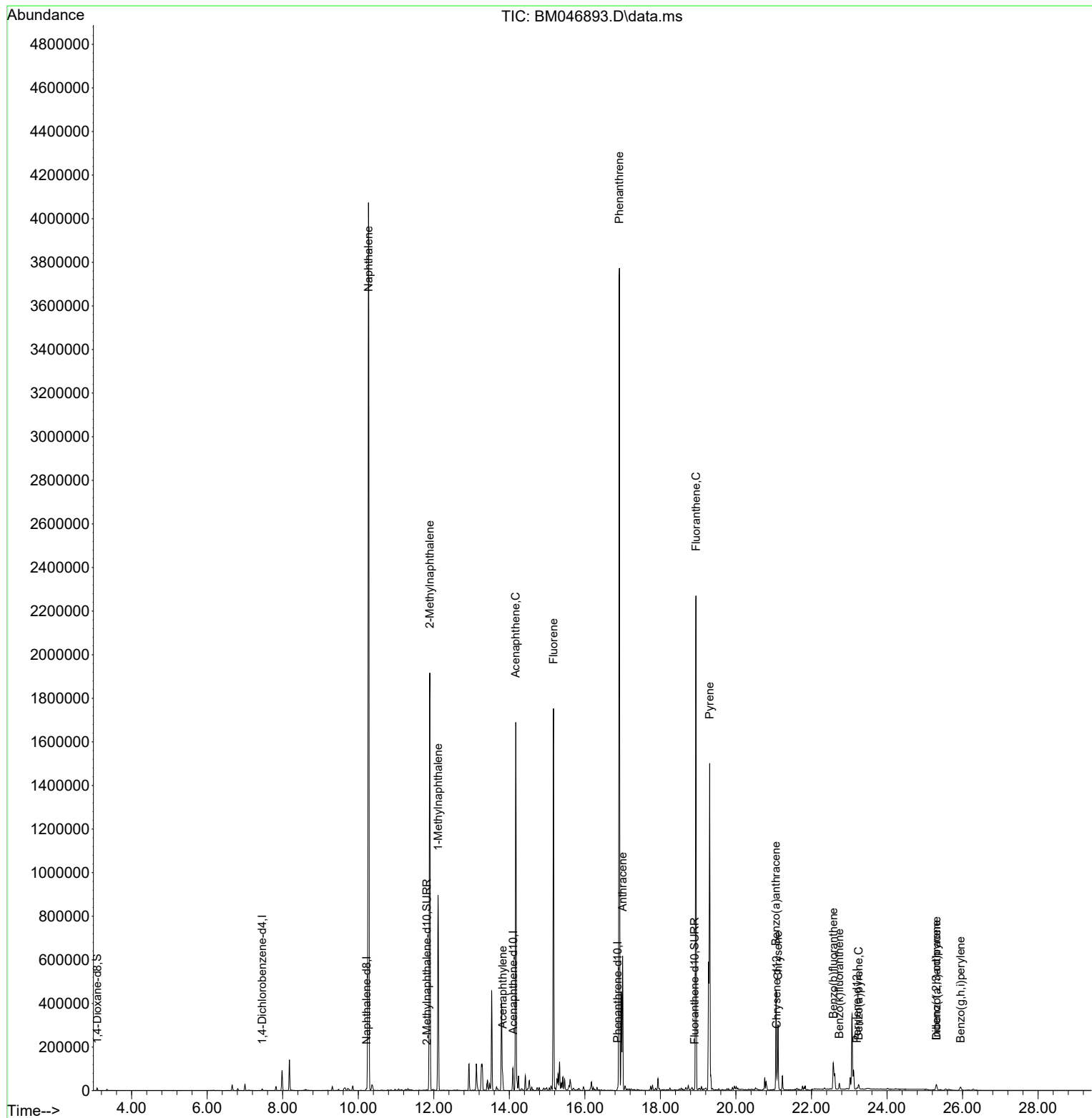
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3501	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.216	136	10466	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	9377	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.867	188	13008	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	7345	0.400	ng/ul	# 0.00
23) Perylene-d12	23.203	264	7820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	6538	2.667	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	3496	0.210	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	6185	0.259	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.271	128	5541799	209.345	ng/ul	97
7) 2-Methylnaphthalene	11.893	142	1314223	72.135	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	582318	30.947	ng/ul	99
10) Acenaphthylene	13.822	152	79490	1.851	ng/ul#	96
11) Acenaphthene	14.169	153	942002	32.315	ng/ul	100
12) Fluorene	15.168	166	1062639	29.165	ng/ul	97
15) Phenanthrene	16.913	178	3971612	106.227	ng/ul	98
16) Anthracene	16.998	178	602280	17.305	ng/ul	99
19) Fluoranthene	18.942	202	2113493	65.519	ng/ul	99
20) Pyrene	19.304	202	1330517	39.873	ng/ul	99
21) Benzo(a)anthracene	21.061	228	380556	12.433	ng/ul	100
22) Chrysene	21.114	228	279535	8.991	ng/ul	99
24) Benzo(b)fluoranthene	22.577	252	270728	7.886	ng/ul	91
25) Benzo(k)fluoranthene	22.735	252	31446	0.909	ng/ul	95
26) Benzo(a)pyrene	23.247	252	17133	0.695	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.306	276	40641	1.071	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.313	278	11108	0.400	ng/ul#	92
29) Benzo(g,h,i)perylene	25.947	276	31779	0.951	ng/ul	98

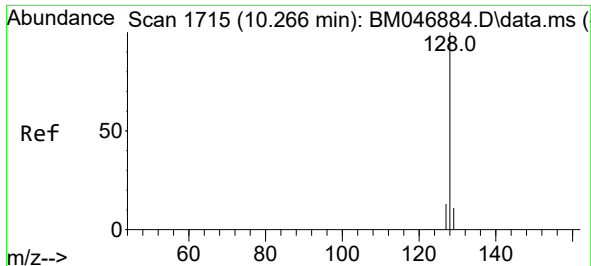
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046893.D
Acq On : 29 Jul 2024 21:00
Operator : MA/JU
Sample : P3329-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13

Quant Time: Jul 30 00:02:28 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

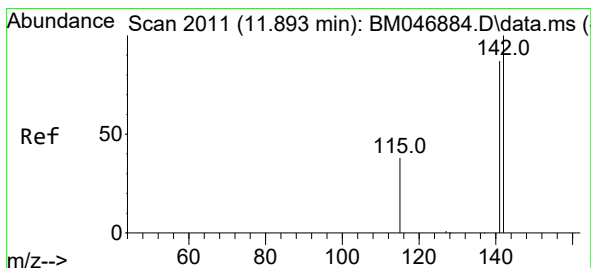
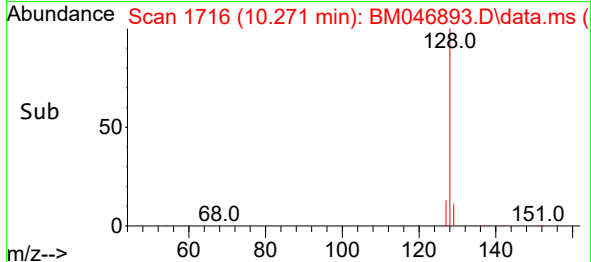
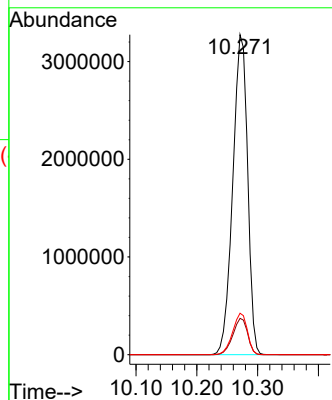
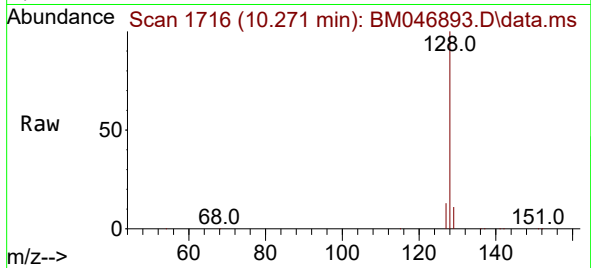




#5
Naphthalene
Concen: 209.345 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

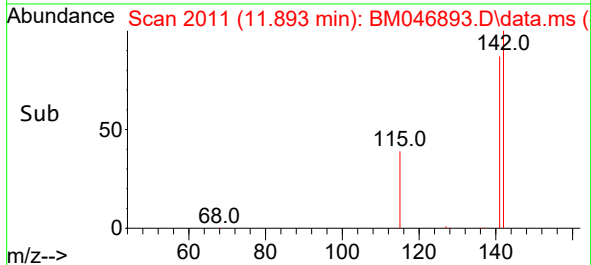
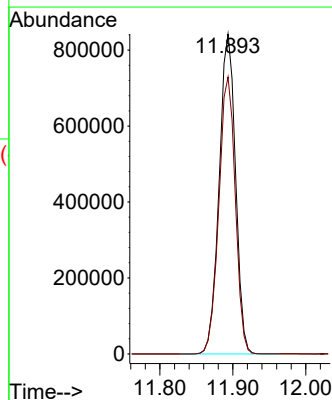
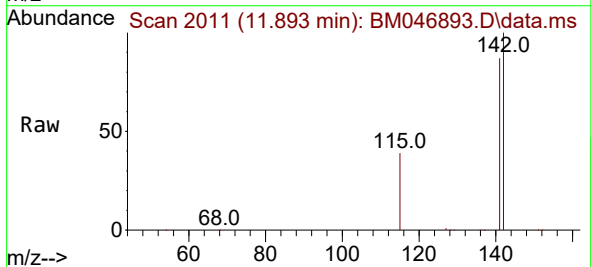
Instrument :
BNA_M
ClientSampleId :
F7E13

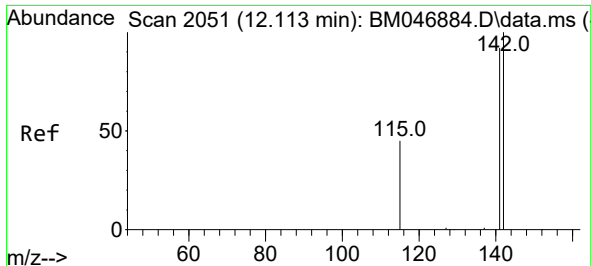
Tgt Ion:128 Resp: 5541799
Ion Ratio Lower Upper
128 100
129 11.4 10.1 15.1
127 12.9 11.5 17.3



#7
2-Methylnaphthalene
Concen: 72.135 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:142 Resp: 1314223
Ion Ratio Lower Upper
142 100
141 87.1 70.5 105.7

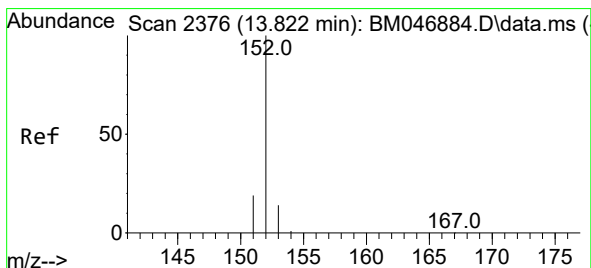
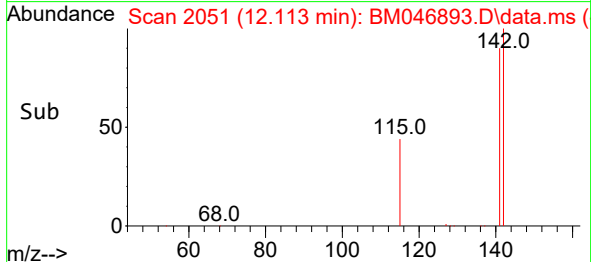
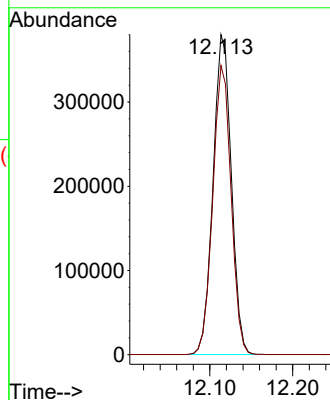
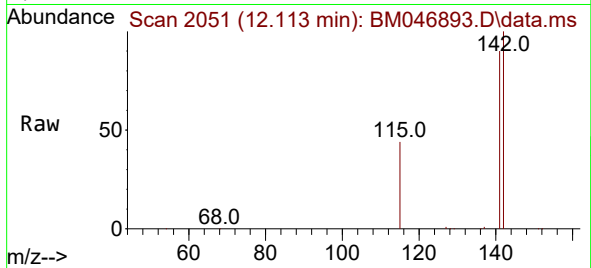




#8
1-Methylnaphthalene
Concen: 30.947 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.016 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

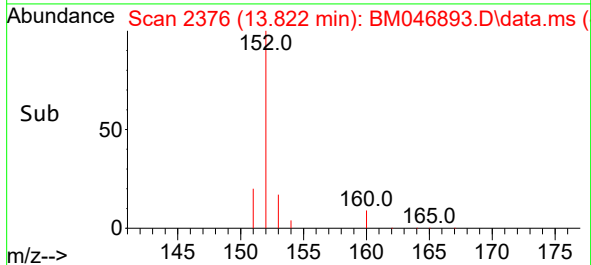
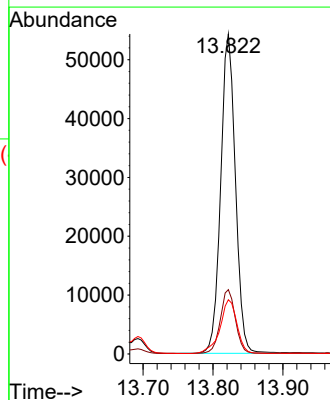
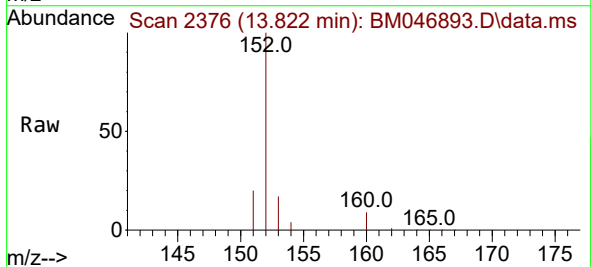
Instrument :
BNA_M
ClientSampleId :
F7E13

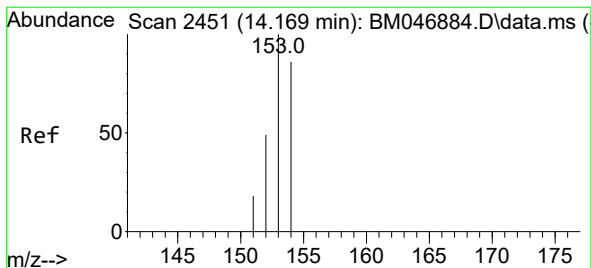
Tgt Ion:142 Resp: 582318
Ion Ratio Lower Upper
142 100
141 90.6 73.1 109.7



#10
Acenaphthylene
Concen: 1.851 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:152 Resp: 79490
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 17.0 11.0 16.6#

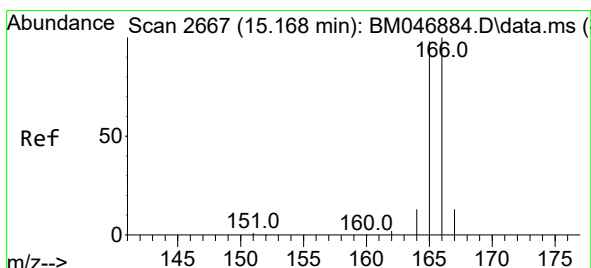
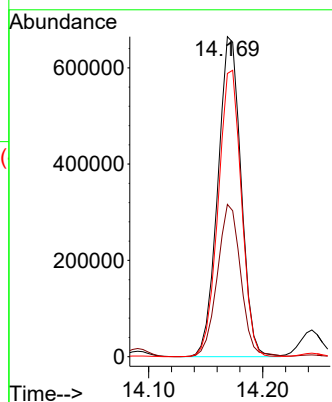
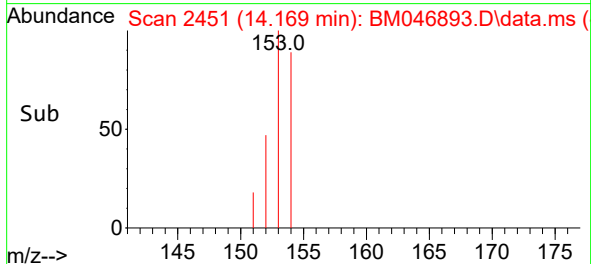
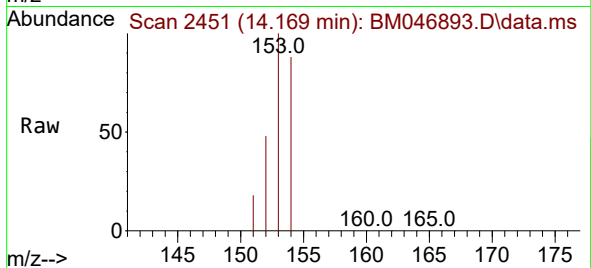




#11
Acenaphthene
Concen: 32.315 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

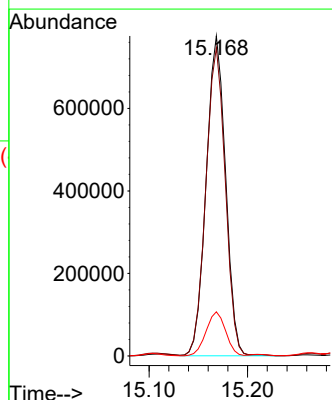
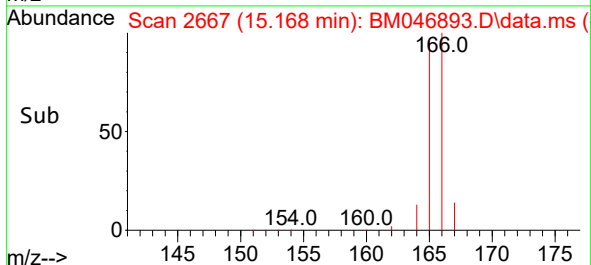
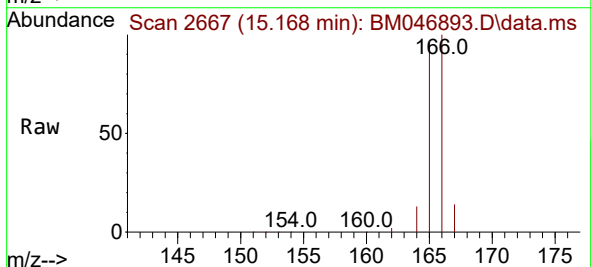
Instrument :
BNA_M
ClientSampleId :
F7E13

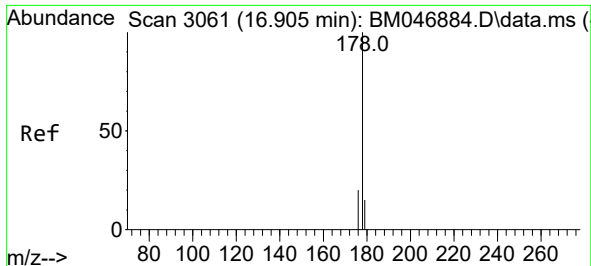
Tgt Ion:153 Resp: 942002
Ion Ratio Lower Upper
153 100
152 47.6 38.6 57.8
154 88.5 70.8 106.2



#12
Fluorene
Concen: 29.165 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:166 Resp: 1062639
Ion Ratio Lower Upper
166 100
165 96.3 79.8 119.6
167 13.8 12.3 18.5

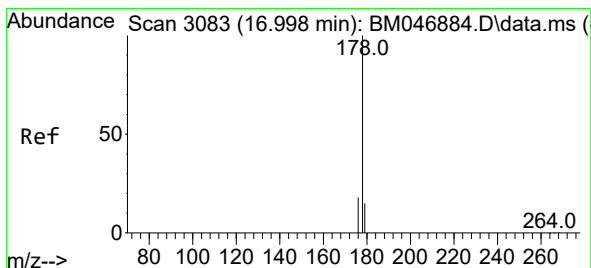
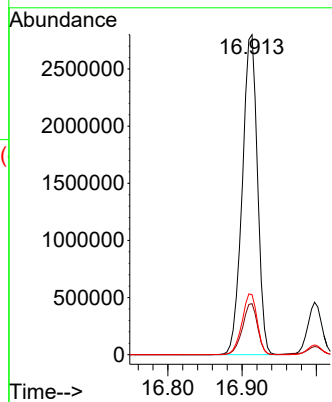
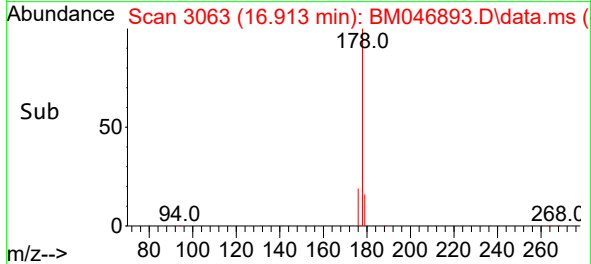
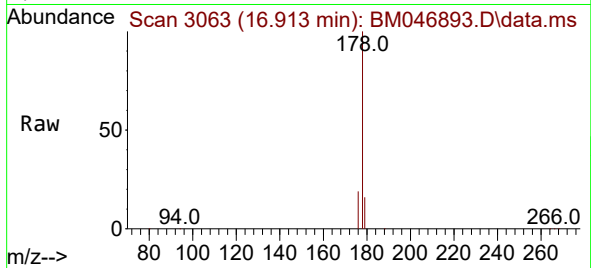




#15
Phenanthrene
Concen: 106.227 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

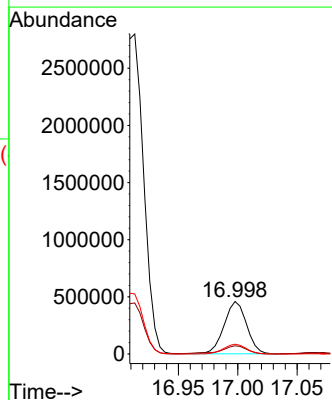
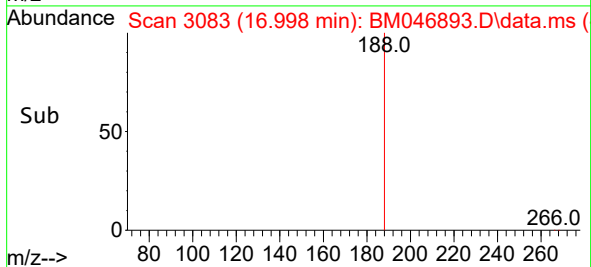
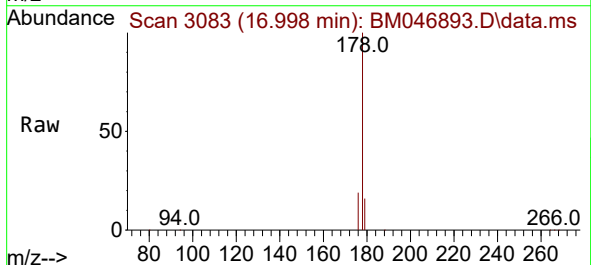
Instrument :
BNA_M
ClientSampleId :
F7E13

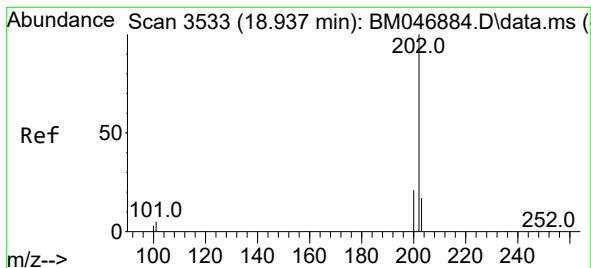
Tgt Ion:178 Resp: 3971612
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 18.8 16.1 24.1



#16
Anthracene
Concen: 17.305 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:178 Resp: 602280
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 18.5 15.0 22.6





#19

Fluoranthene

Concen: 65.519 ng/ul

RT: 18.942 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

Instrument :

BNA_M

ClientSampleId :

F7E13

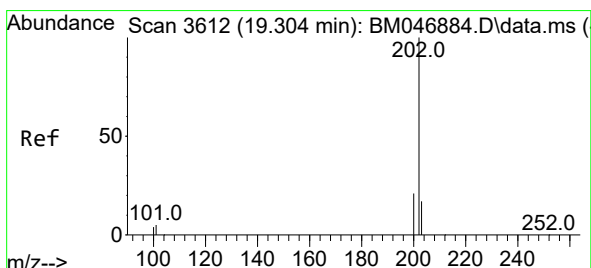
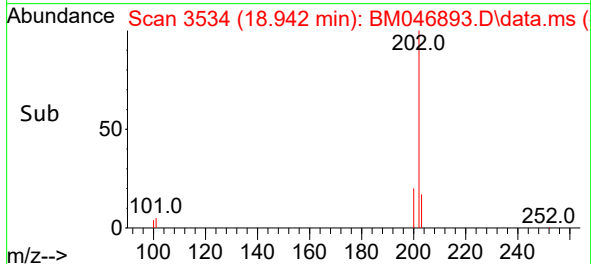
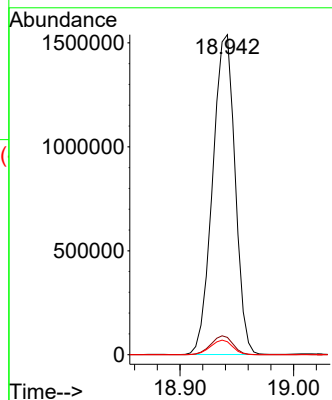
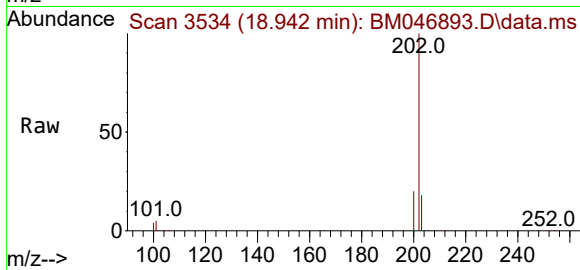
Tgt Ion:202 Resp: 2113493

Ion Ratio Lower Upper

202 100

101 5.4 4.7 7.1

100 4.0 3.4 5.2



#20

Pyrene

Concen: 39.873 ng/ul

RT: 19.304 min Scan# 3612

Delta R.T. 0.000 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

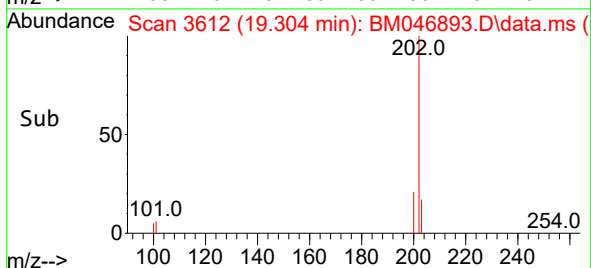
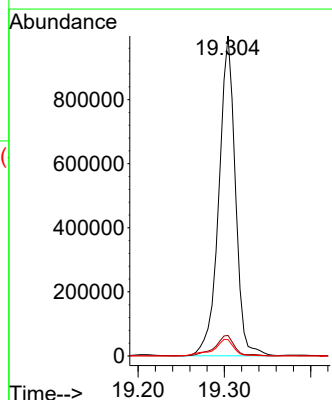
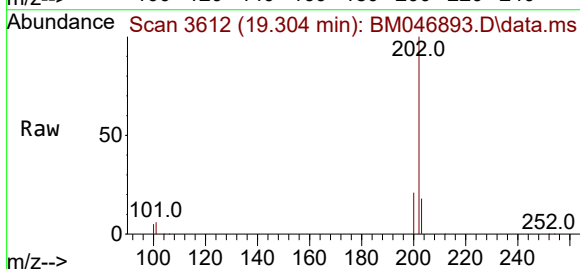
Tgt Ion:202 Resp: 1330517

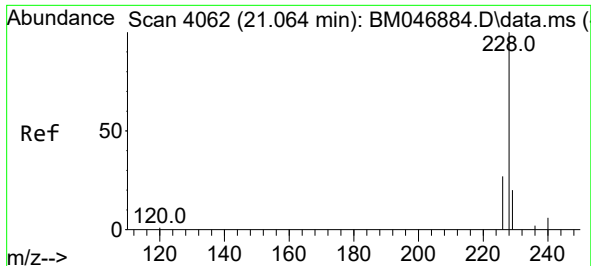
Ion Ratio Lower Upper

202 100

101 6.4 5.2 7.8

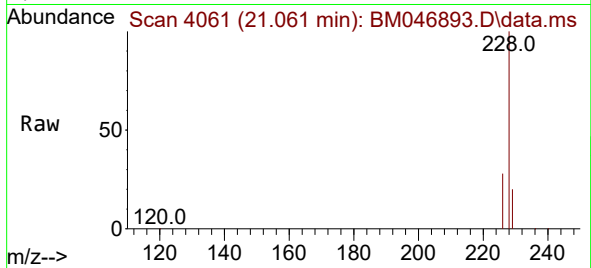
100 5.1 4.3 6.5



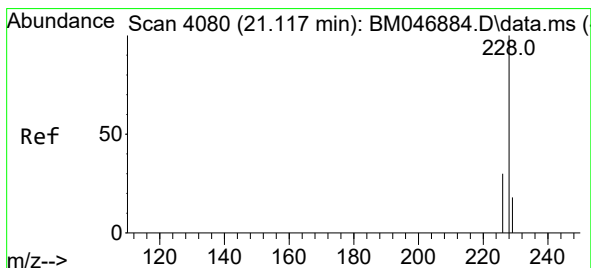
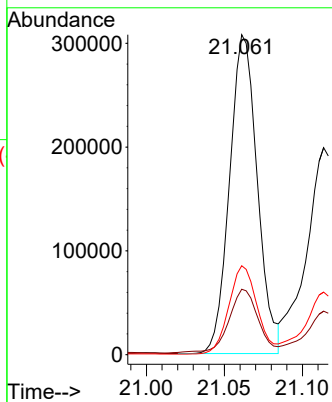
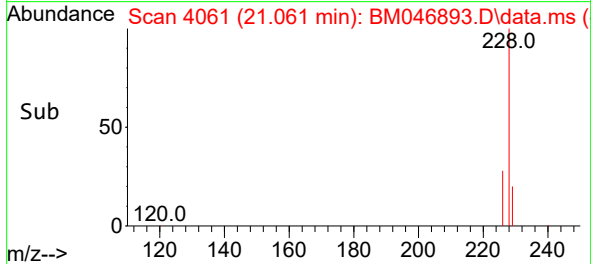


#21
Benzo(a)anthracene
Concen: 12.433 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Instrument :
BNA_M
ClientSampleId :
F7E13

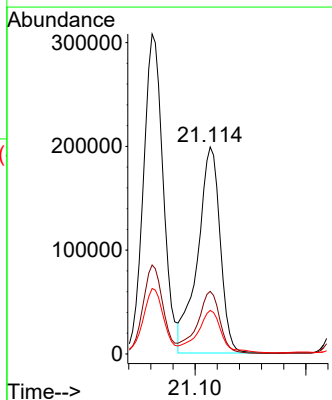
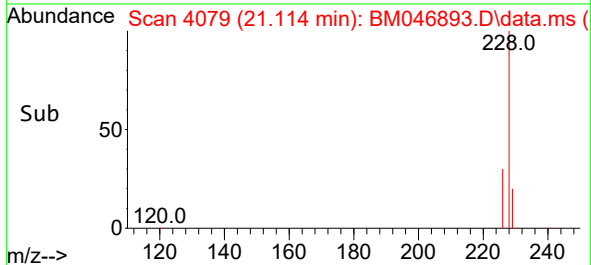
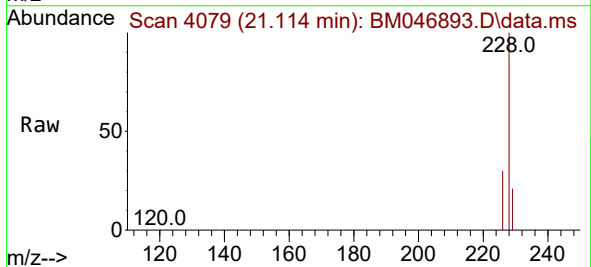


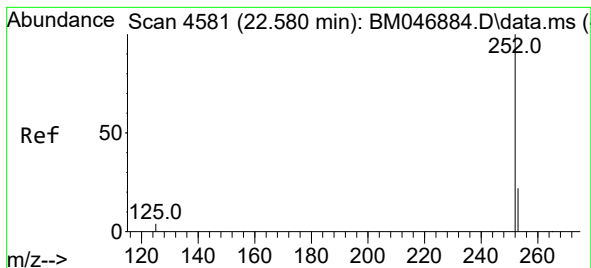
Tgt Ion:228 Resp: 380556
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 27.8 22.3 33.5



#22
Chrysene
Concen: 8.991 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:228 Resp: 279535
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.1 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 7.886 ng/ul

RT: 22.577 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

Instrument :

BNA_M

ClientSampleId :

F7E13

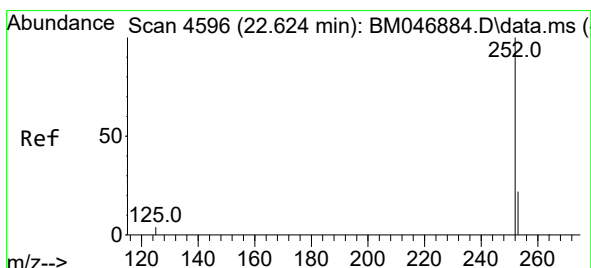
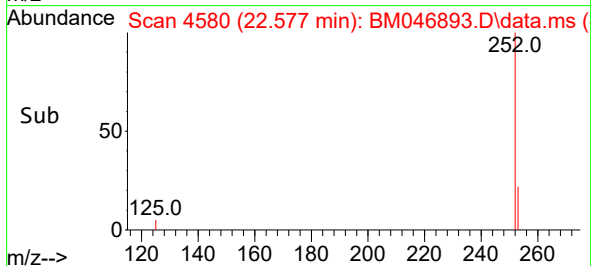
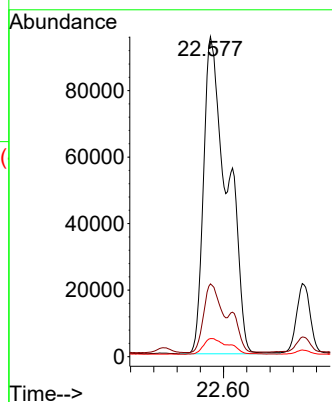
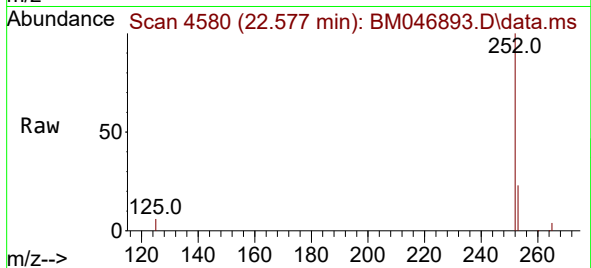
Tgt Ion:252 Resp: 270728

Ion Ratio Lower Upper

252 100

253 22.8 0.0 56.4

125 5.6 0.0 15.8



#25

Benzo(k)fluoranthene

Concen: 0.909 ng/ul

RT: 22.735 min Scan# 4634

Delta R.T. 0.114 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

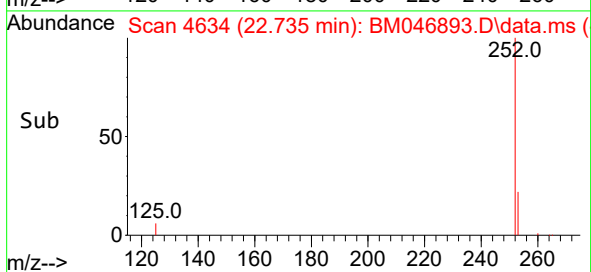
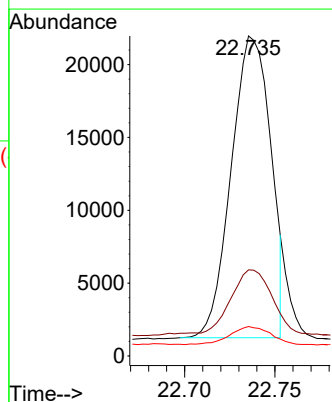
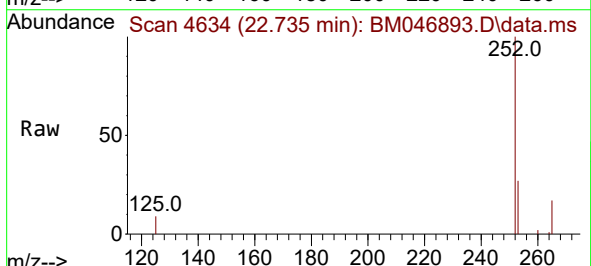
Tgt Ion:252 Resp: 31446

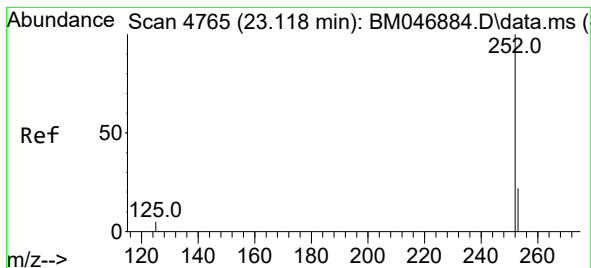
Ion Ratio Lower Upper

252 100

253 26.9 23.5 35.3

125 9.2 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.695 ng/ul

RT: 23.247 min Scan# 4809

Delta R.T. 0.129 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

Instrument :

BNA_M

ClientSampleId :

F7E13

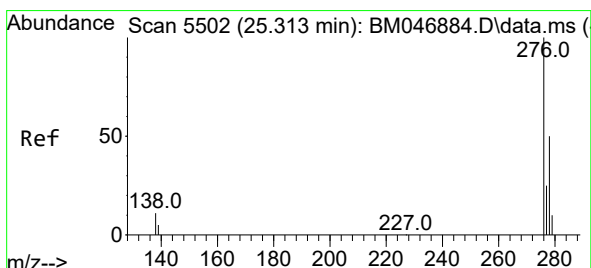
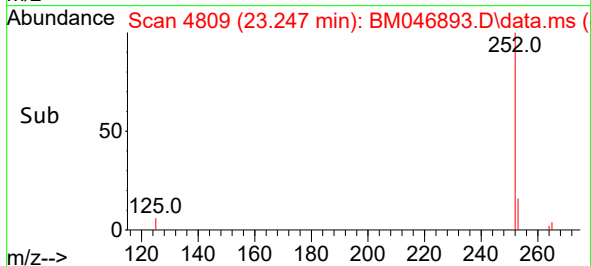
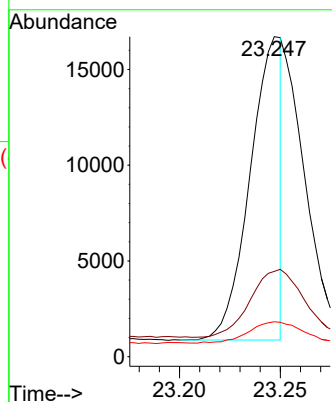
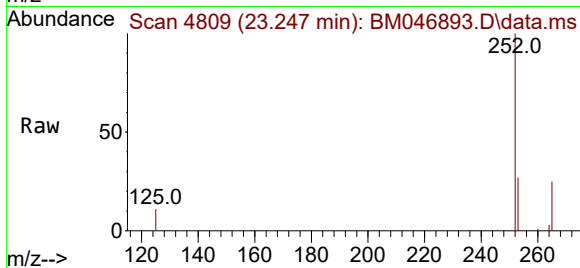
Tgt Ion:252 Resp: 17133

Ion Ratio Lower Upper

252 100

253 26.6 26.0 39.0

125 10.9 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.071 ng/ul

RT: 25.306 min Scan# 5500

Delta R.T. -0.010 min

Lab File: BM046893.D

Acq: 29 Jul 2024 21:00

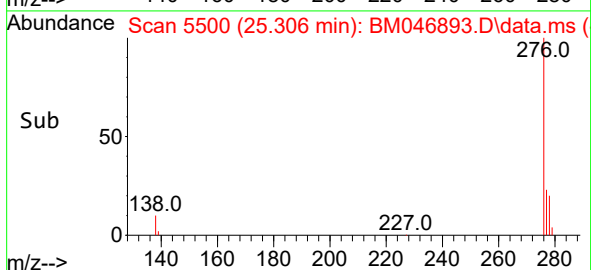
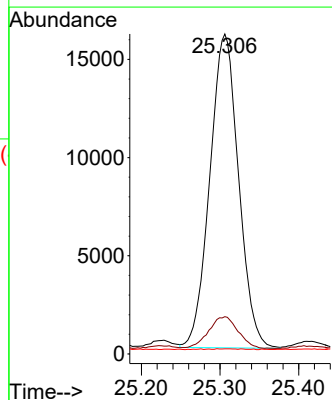
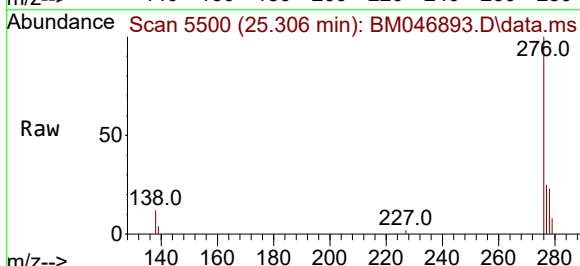
Tgt Ion:276 Resp: 40641

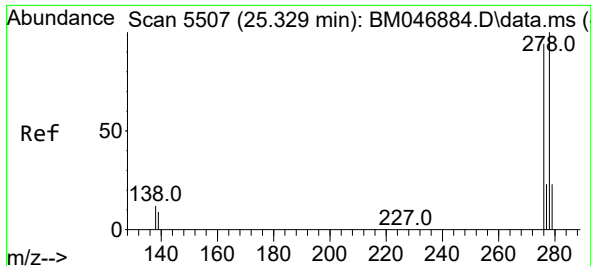
Ion Ratio Lower Upper

276 100

138 10.5 9.7 14.5

227 0.1 0.2 0.2#

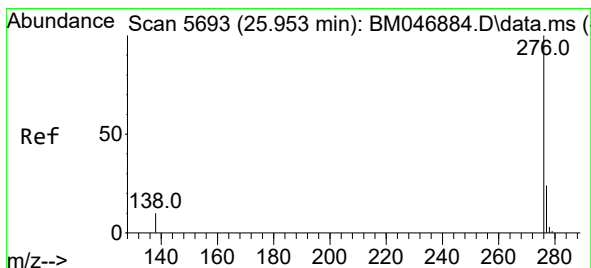
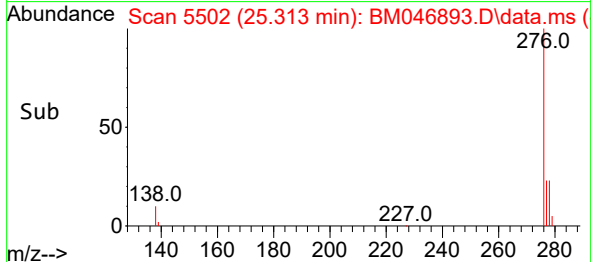
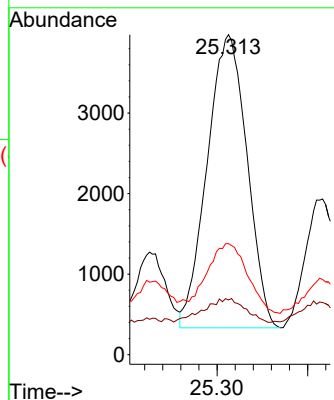
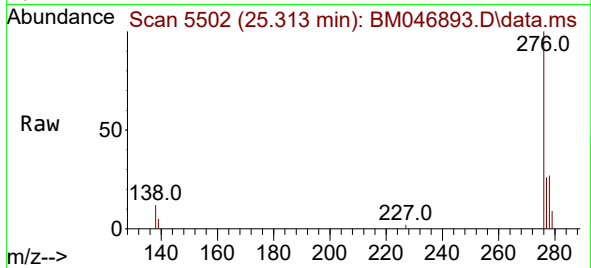




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.313 min Scan# 511
Delta R.T. -0.020 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:278 Resp: 11108
Ion Ratio Lower Upper
278 100
139 17.1 9.8 14.8#
279 34.7 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.951 ng/ul
RT: 25.947 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM046893.D
Acq: 29 Jul 2024 21:00

Tgt Ion:276 Resp: 31779
Ion Ratio Lower Upper
276 100
138 12.0 9.5 14.3
277 25.0 20.9 31.3

