

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044107.D
 Acq On : 15 Feb 2024 18:32
 Operator : MA/JU
 Sample : P1329-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 15 23:31:37 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)

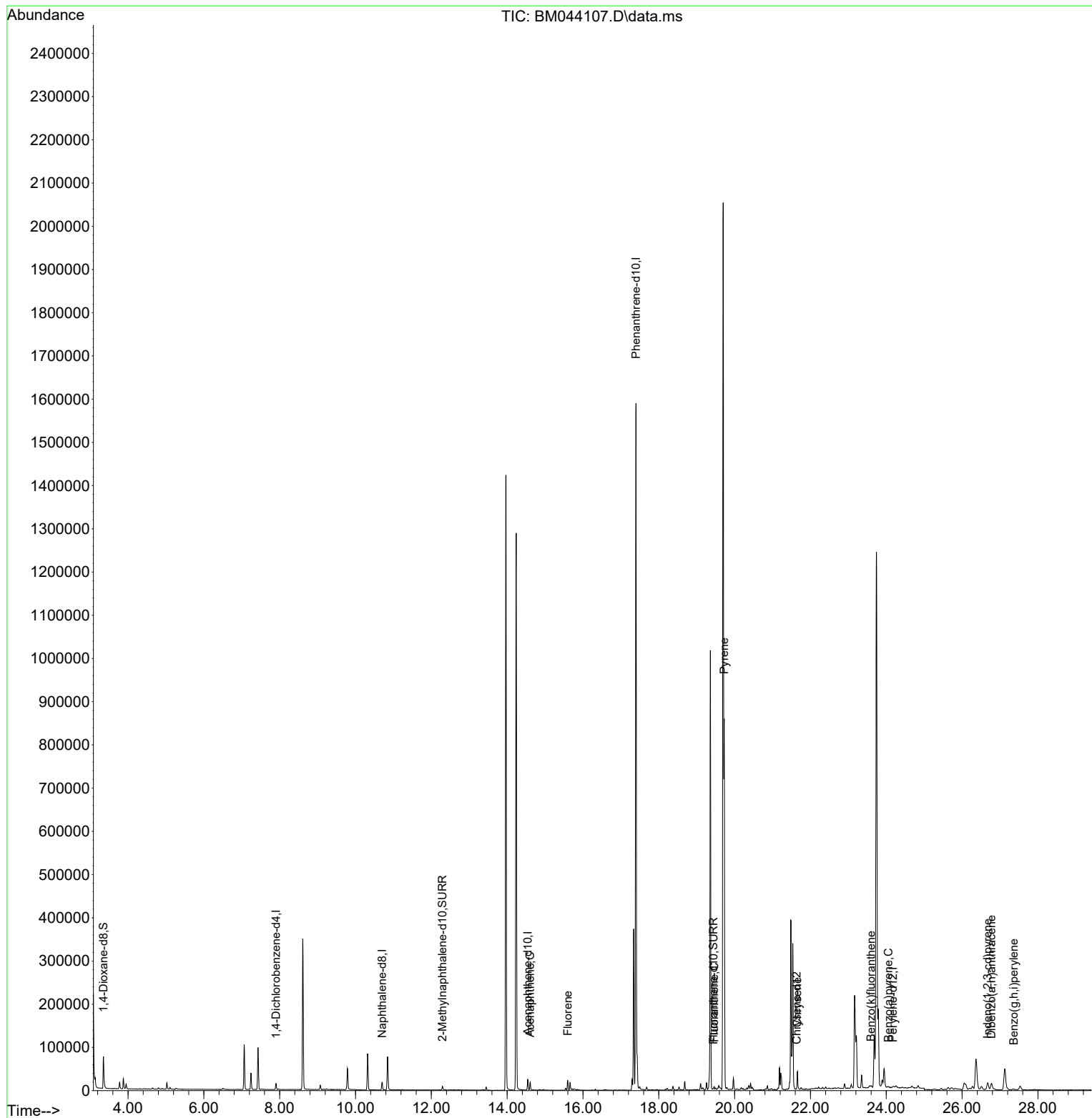
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	7190	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	24692	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	13371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.399	188	1776632	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.633	240	53	0.400	ng/ul	# 0.13
23) Perylene-d12	24.176	264	1348	0.400	ng/ul	# 0.28
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	52087	5.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	11584	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.443	212	87	0.550	ng/ul	0.11
Target Compounds						Qvalue
11) Acenaphthene	14.608	153	11007	0.207	ng/ul	99
12) Fluorene	15.598	166	14324	0.239	ng/ul	96
19) Fluoranthene	19.462	202	1424	5.893	ng/ul#	63
20) Pyrene	19.727	202	685176	2696.396	ng/ul	98
22) Chrysene	21.657	228	31593	120.726	ng/ul#	60
25) Benzo(k)fluoranthene	23.601	252	6397	1.059	ng/ul#	1
26) Benzo(a)pyrene	24.054	252	414	0.080	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.674	276	6636	1.008	ng/ul#	29
28) Dibenzo(a,h)anthracene	26.775	278	24685	4.762	ng/ul	94
29) Benzo(g,h,i)perylene	27.365	276	1633	0.280	ng/ul#	1

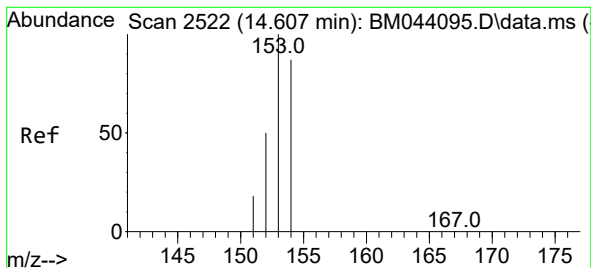
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Acenaphthene

Concen: 0.207 ng/ul

RT: 14.608 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Instrument :

BNA_N

ClientSampleId :

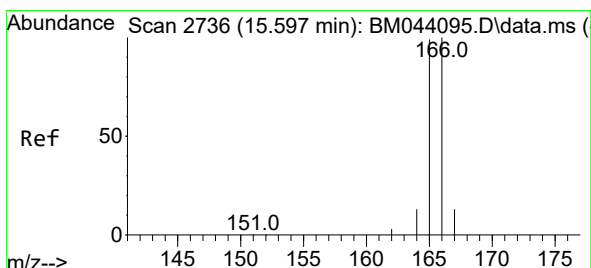
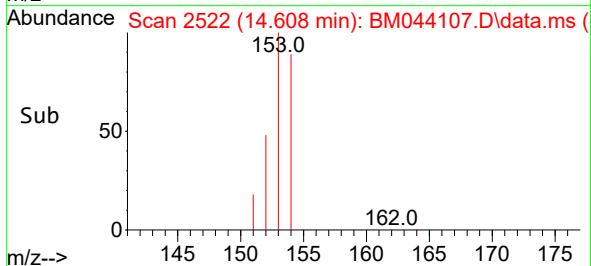
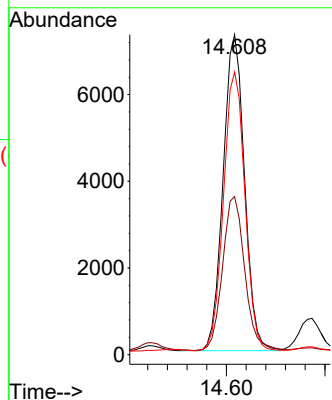
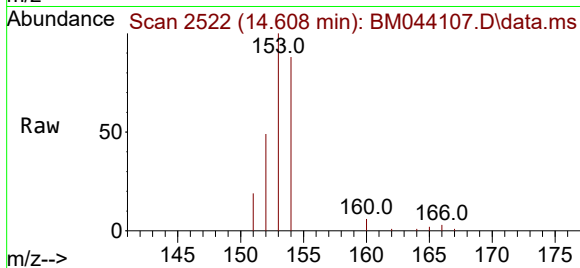
Tgt Ion:153 Resp: 11007

Ion Ratio Lower Upper

153 100

152 49.4 40.6 61.0

154 88.4 70.1 105.1



#12

Fluorene

Concen: 0.239 ng/ul

RT: 15.598 min Scan# 2736

Delta R.T. 0.001 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

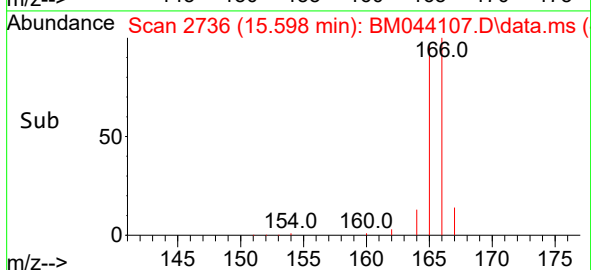
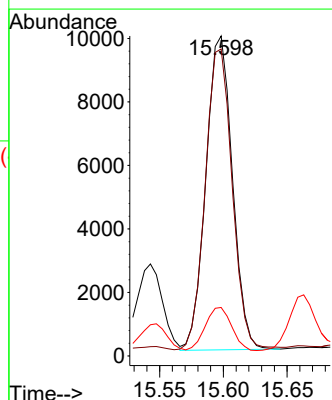
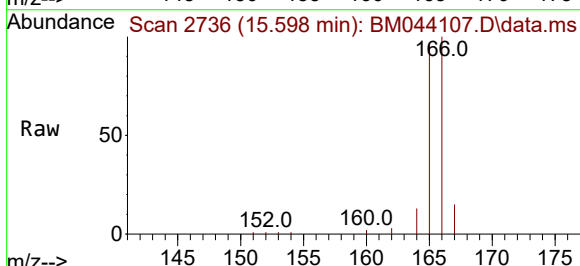
Tgt Ion:166 Resp: 14324

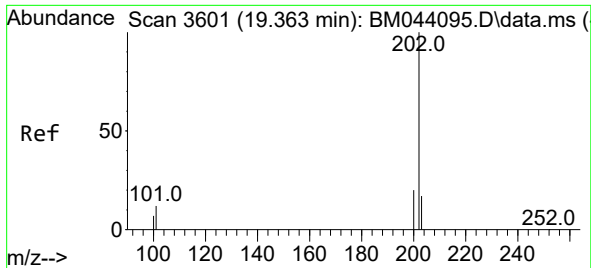
Ion Ratio Lower Upper

166 100

165 95.9 79.8 119.6

167 15.2 11.1 16.7

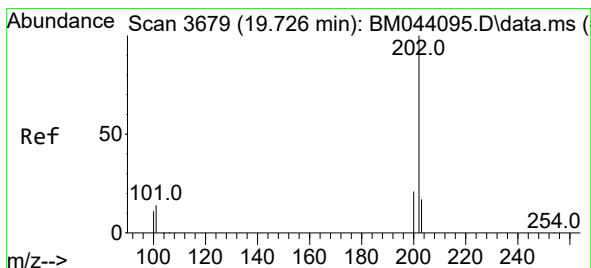
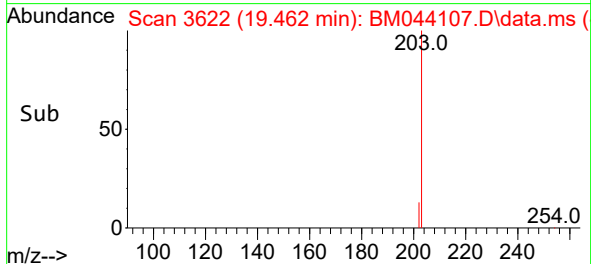
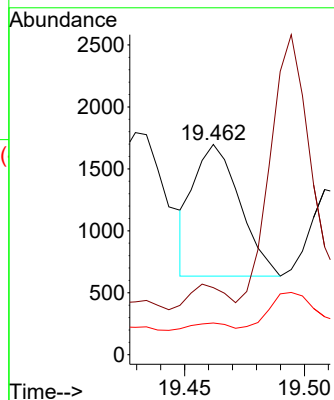
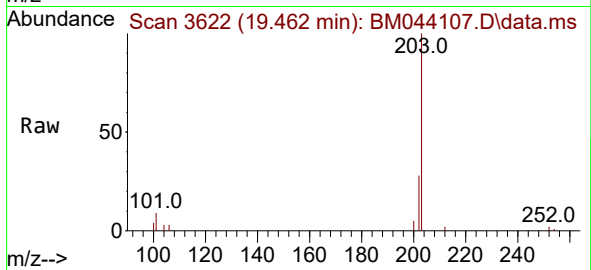




#19
Fluoranthene
Concen: 5.893 ng/ul
RT: 19.462 min Scan# 3601
Delta R.T. 0.099 min
Lab File: BM044107.D
Acq: 15 Feb 2024 18:32

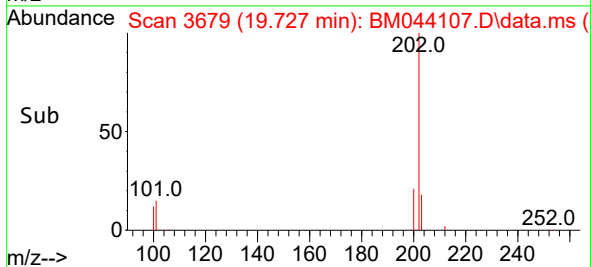
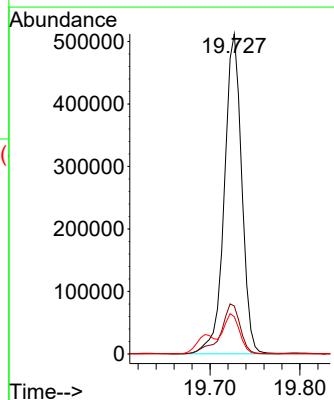
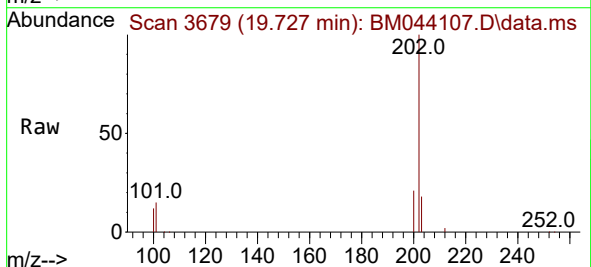
Instrument :
BNA_N
ClientSampleId :

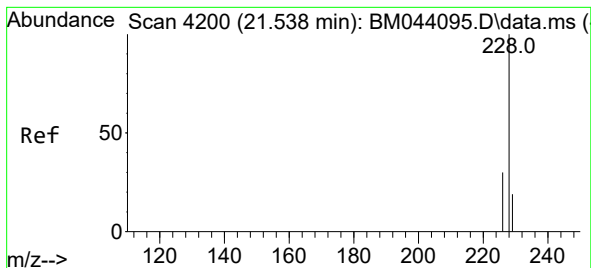
Tgt Ion:202 Resp: 1424
Ion Ratio Lower Upper
202 100
101 31.9 9.8 14.6#
100 15.1 7.0 10.4#



#20
Pyrene
Concen: 2696.396 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM044107.D
Acq: 15 Feb 2024 18:32

Tgt Ion:202 Resp: 685176
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 11.7 8.6 13.0





#22

Chrysene

Concen: 120.726 ng/ul

RT: 21.657 min Scan# 41

Delta R.T. 0.119 min

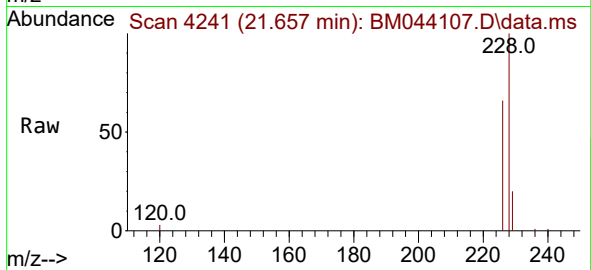
Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Instrument :

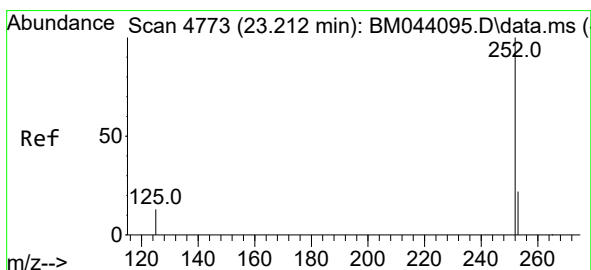
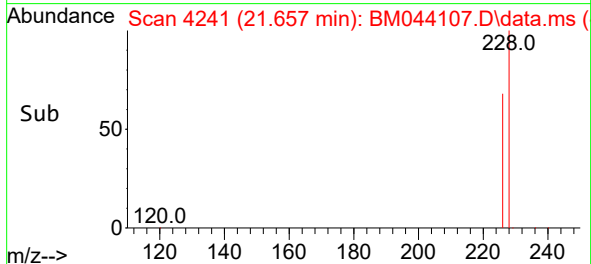
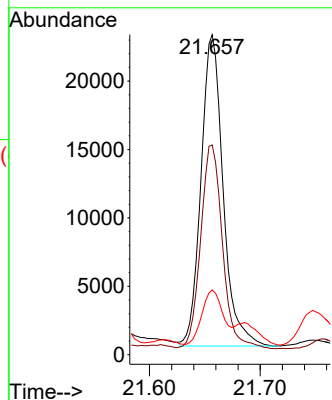
BNA_N

ClientSampleId :



Tgt Ion:228 Resp: 31593

Ion	Ratio	Lower	Upper
228	100		
226	65.5	24.2	36.2#
229	20.2	15.8	23.6



#25

Benzo(k)fluoranthene

Concen: 1.059 ng/ul

RT: 23.601 min Scan# 4906

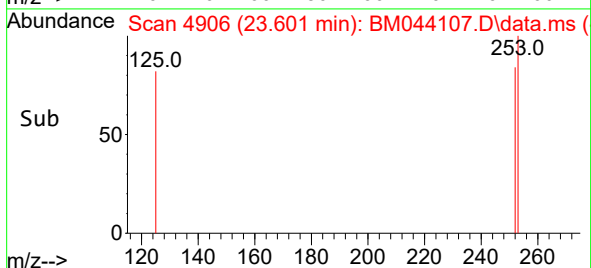
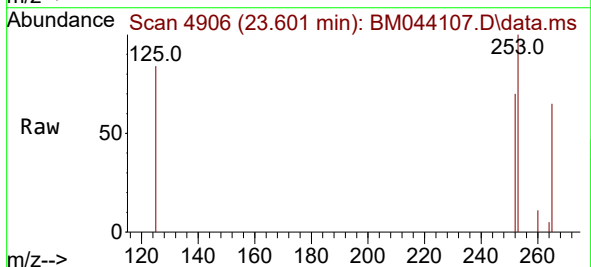
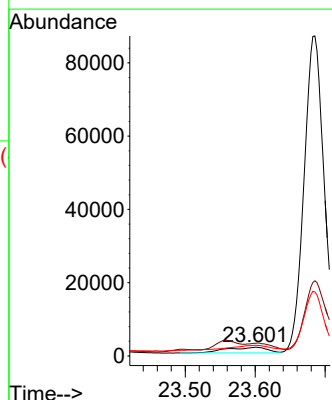
Delta R.T. 0.388 min

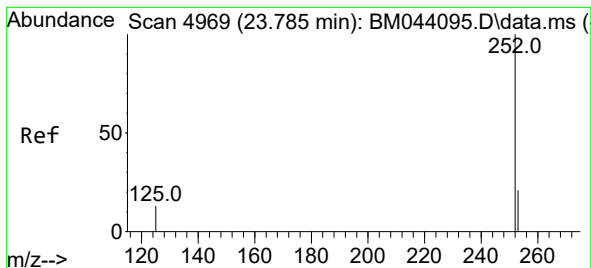
Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Tgt Ion:252 Resp: 6397

Ion	Ratio	Lower	Upper
252	100		
253	143.6	20.1	30.1#
125	120.7	12.3	18.5#





#26

Benzo(a)pyrene

Concen: 0.080 ng/ul

RT: 24.054 min Scan# 5061

Delta R.T. 0.268 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Instrument :

BNA_N

ClientSampleId :

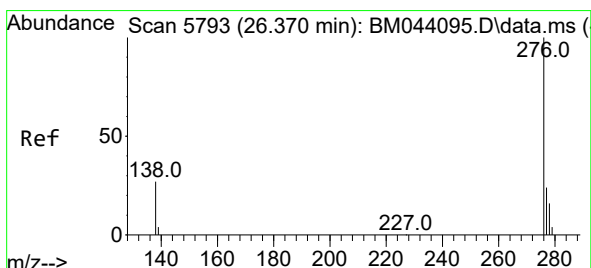
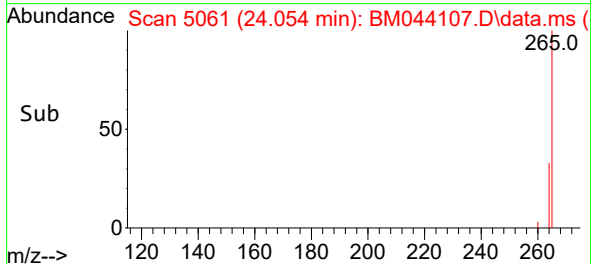
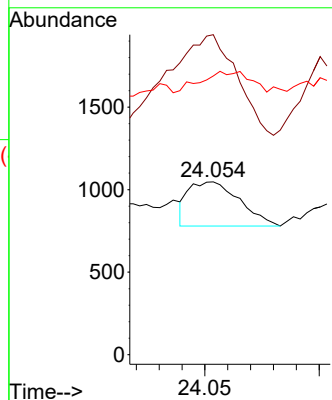
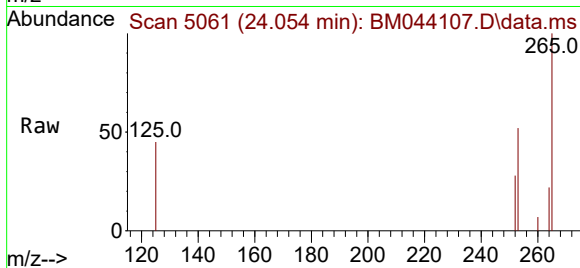
Tgt Ion:252 Resp: 414

Ion Ratio Lower Upper

252 100

253 185.2 21.4 32.2#

125 161.3 13.3 19.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.008 ng/ul

RT: 26.674 min Scan# 5884

Delta R.T. 0.304 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

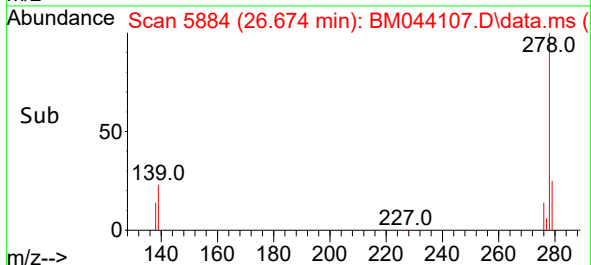
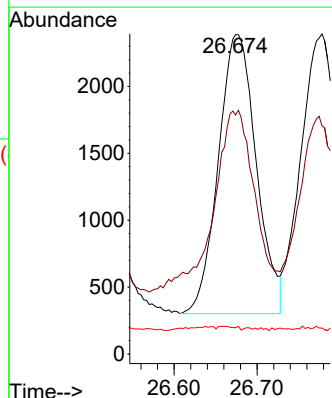
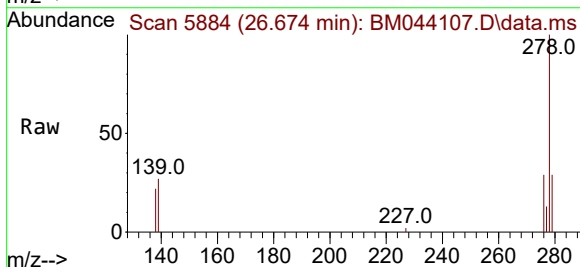
Tgt Ion:276 Resp: 6636

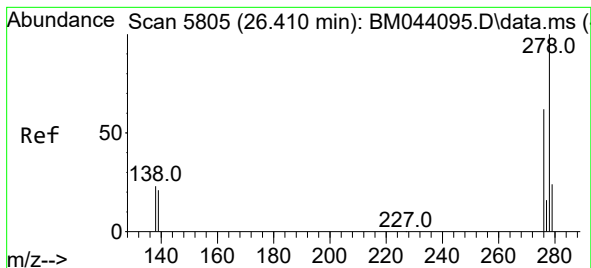
Ion Ratio Lower Upper

276 100

138 71.1 25.2 37.8#

227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 4.762 ng/ul

RT: 26.775 min Scan# 5914

Delta R.T. 0.365 min

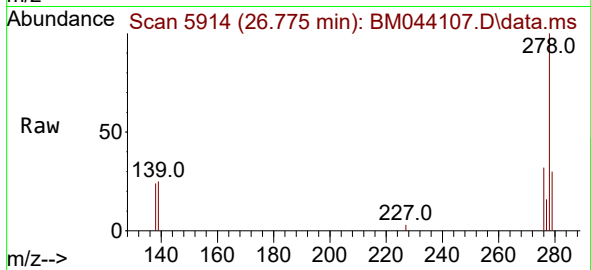
Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Instrument :

BNA_N

ClientSampleId :



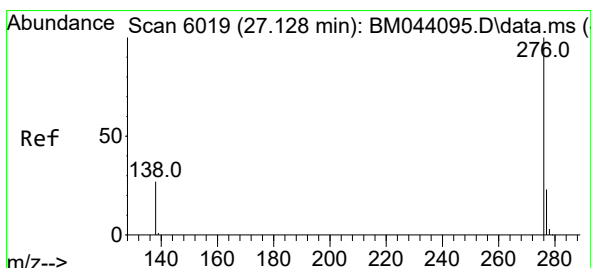
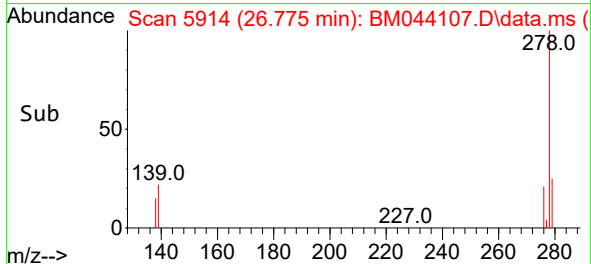
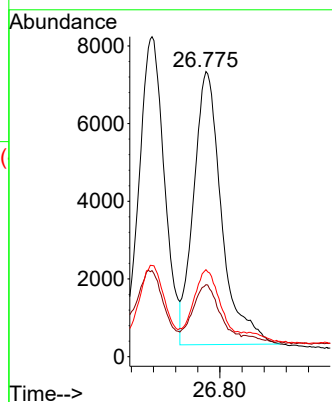
Tgt Ion:278 Resp: 24685

Ion Ratio Lower Upper

278 100

139 25.2 17.8 26.8

279 30.5 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.280 ng/ul

RT: 27.365 min Scan# 6090

Delta R.T. 0.237 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Tgt Ion:276 Resp: 1633

Ion Ratio Lower Upper

276 100

138 90.7 22.7 34.1#

277 77.8 19.0 28.6#

