

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046169.D
 Acq On : 21 Jun 2024 20:43
 Operator : MA/JU
 Sample : P2754-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ6

Quant Time: Jun 21 22:28:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

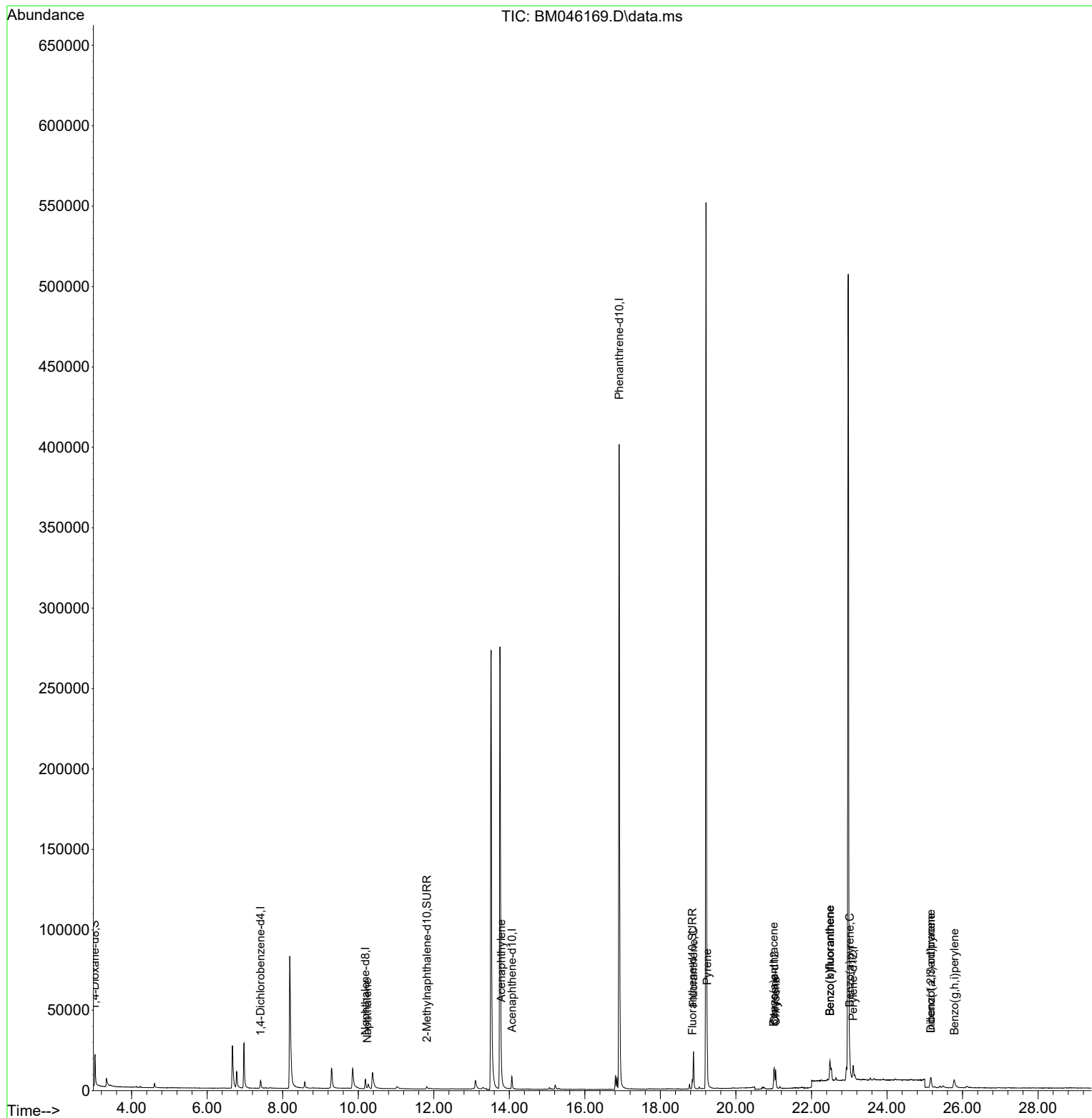
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2840	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	8697	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	4899	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.909	188	509723	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.017	240	7030	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	13802	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11481	2.947	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2801	0.240	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	6518	0.310	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	505	0.021	ng/ul#	59
10) Acenaphthylene	13.785	152	1422	0.061	ng/ul#	82
19) Fluoranthene	18.877	202	22178	0.729	ng/ul	97
20) Pyrene	19.239	202	20297	0.617	ng/ul	97
21) Benzo(a)anthracene	21.000	228	10587	0.390	ng/ul	95
22) Chrysene	21.052	228	10975	0.317	ng/ul	96
24) Benzo(b)fluoranthene	22.490	252	26863	0.540	ng/ul	98
25) Benzo(k)fluoranthene	22.490	252	26863	0.454	ng/ul	97
26) Benzo(a)pyrene	23.013	252	11369	0.247	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.162	276	10651	0.141	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.162	278	2245	0.040	ng/ul#	25
29) Benzo(g,h,i)perylene	25.782	276	11240	0.174	ng/ul	94

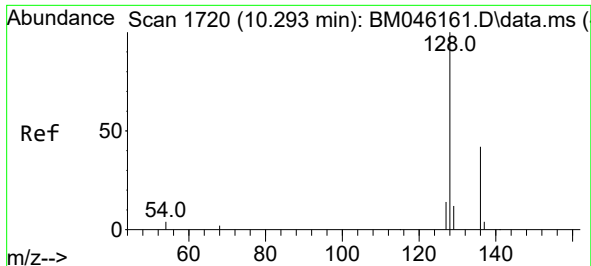
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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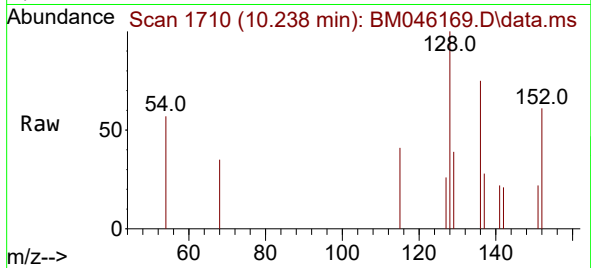
Quant Time: Jun 21 22:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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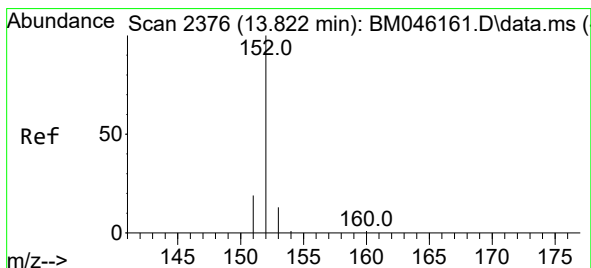
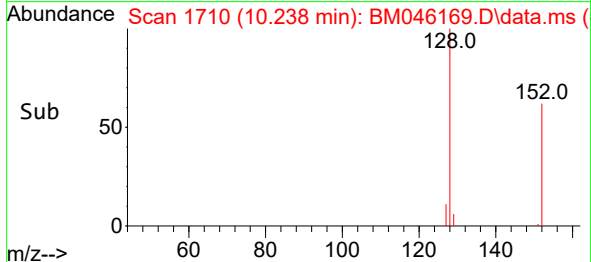
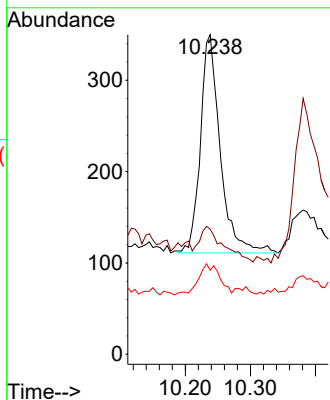


#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.065 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Instrument :
BNA_M
ClientSampleId :
A4BQ6

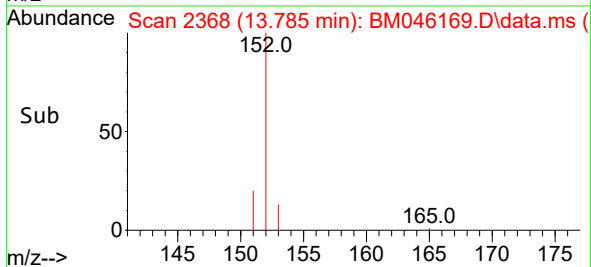
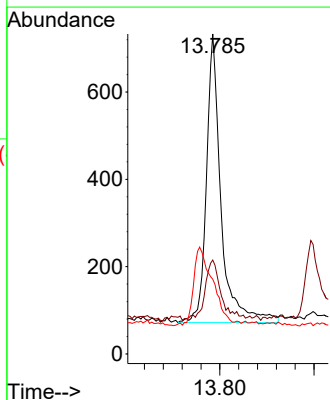
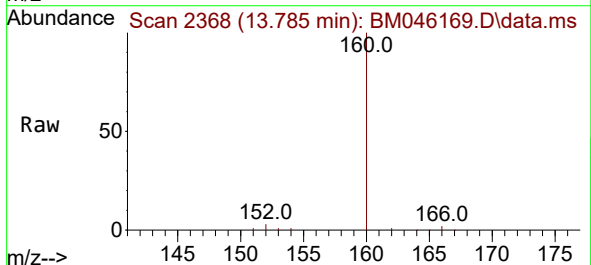


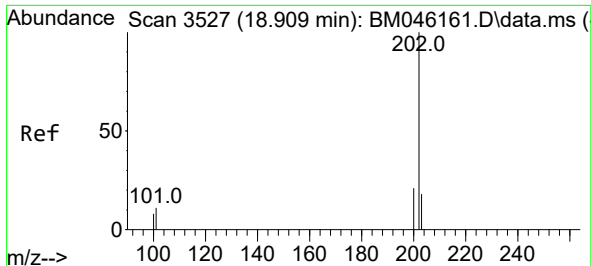
Tgt Ion:128 Resp: 505
Ion Ratio Lower Upper
128 100
129 39.1 11.8 17.6#
127 26.3 12.8 19.2#



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Tgt Ion:152 Resp: 1422
Ion Ratio Lower Upper
152 100
151 29.3 17.4 26.2#
153 23.3 11.8 17.8#

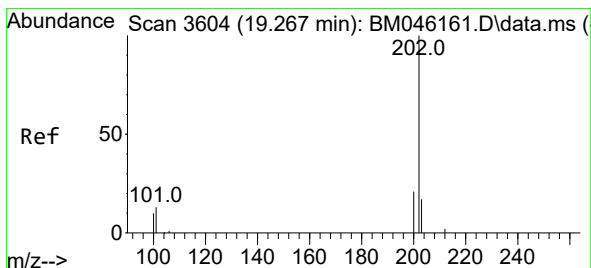
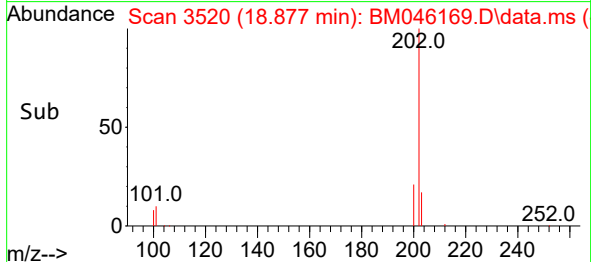
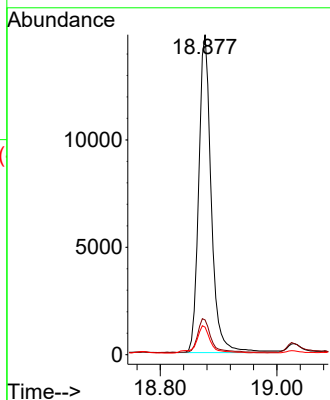
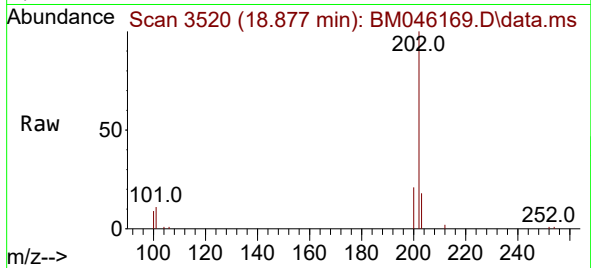




#19
Fluoranthene
Concen: 0.729 ng/ul
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

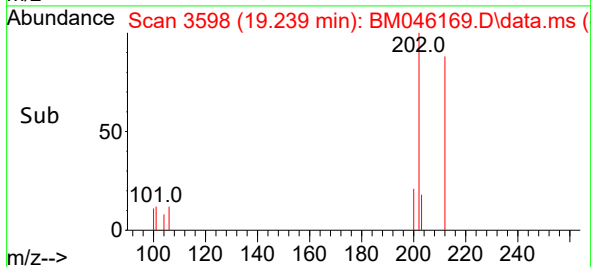
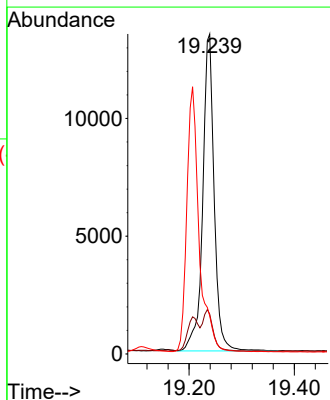
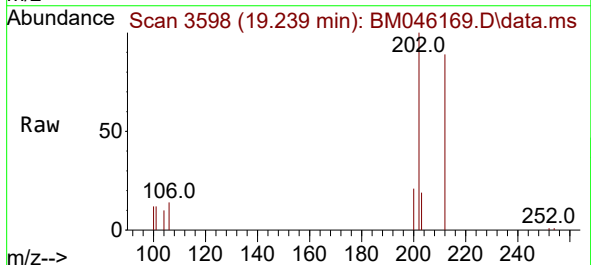
Instrument :
BNA_M
ClientSampleId :
A4BQ6

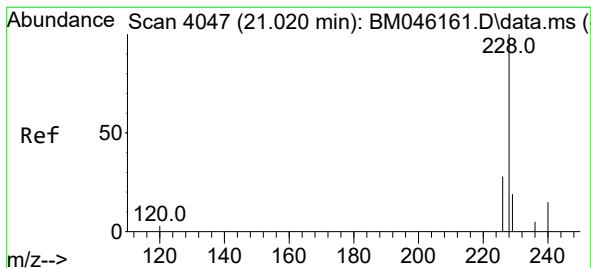
Tgt Ion:202 Resp: 22178
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.6 7.6 11.4



#20
Pyrene
Concen: 0.617 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Tgt Ion:202 Resp: 20297
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.9 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.390 ng/ul

RT: 21.000 min Scan# 4047

Delta R.T. -0.030 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

Instrument :

BNA_M

ClientSampleId :

A4BQ6

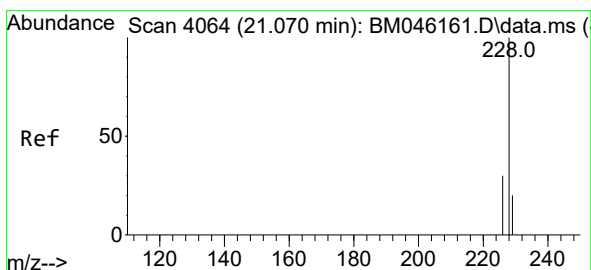
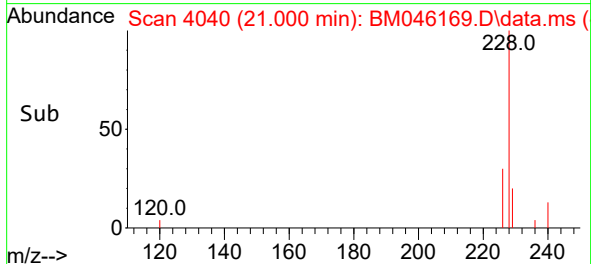
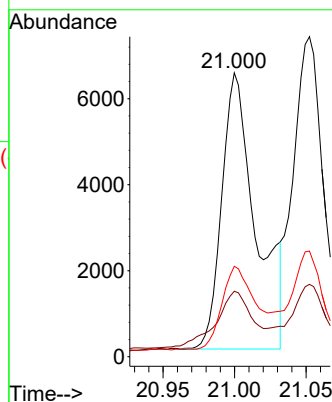
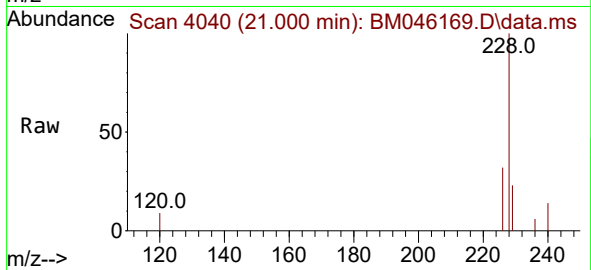
Tgt Ion:228 Resp: 10587

Ion Ratio Lower Upper

228 100

229 23.1 16.4 24.6

226 31.8 23.4 35.2



#22

Chrysene

Concen: 0.317 ng/ul

RT: 21.052 min Scan# 4058

Delta R.T. -0.024 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

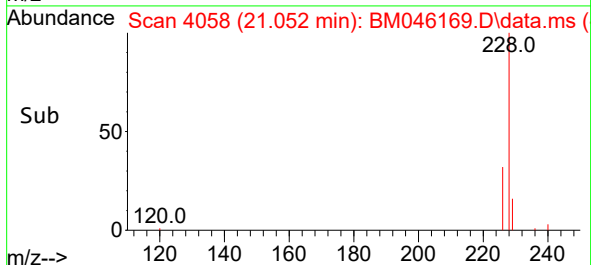
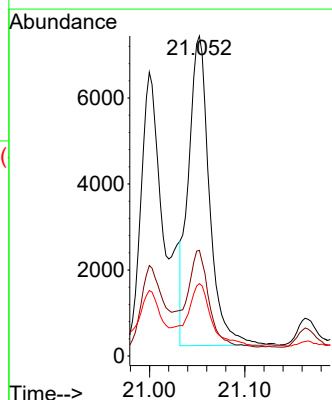
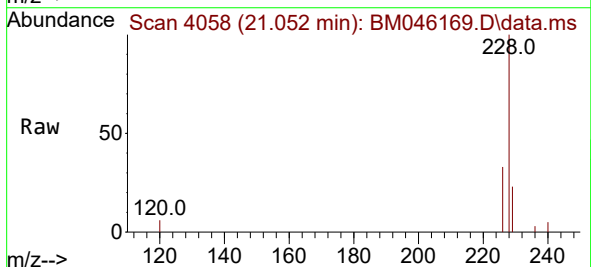
Tgt Ion:228 Resp: 10975

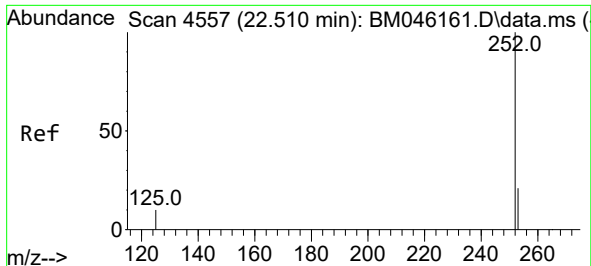
Ion Ratio Lower Upper

228 100

226 33.0 25.2 37.8

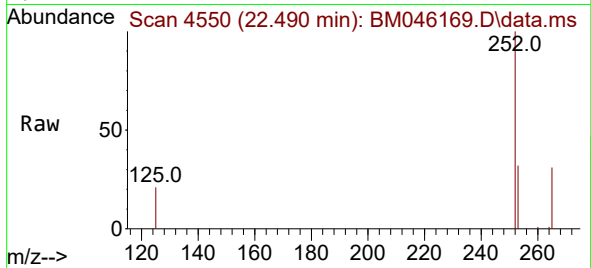
229 22.6 16.3 24.5



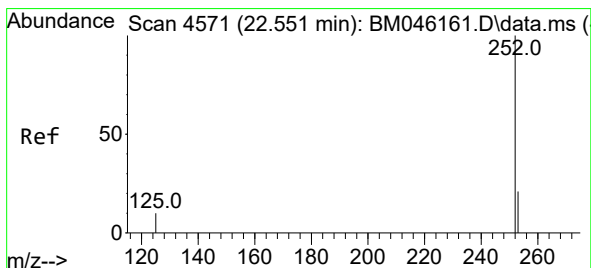
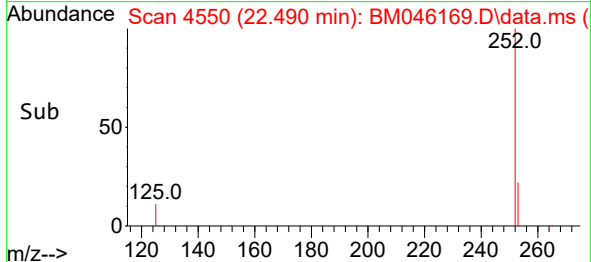
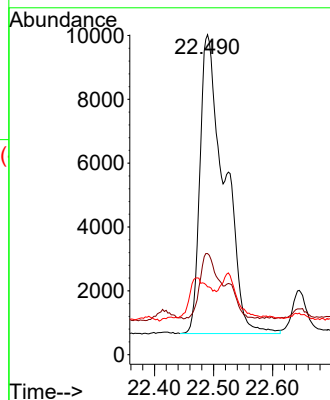


#24
Benzo(b)fluoranthene
Concen: 0.540 ng/ul
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Instrument :
BNA_M
ClientSampleId :
A4BQ6

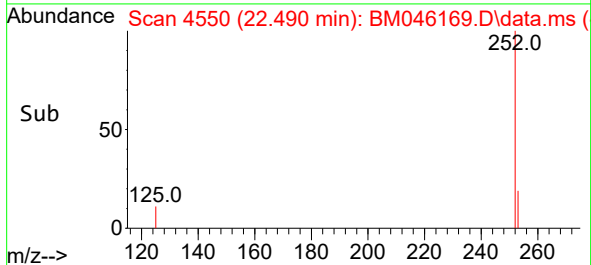
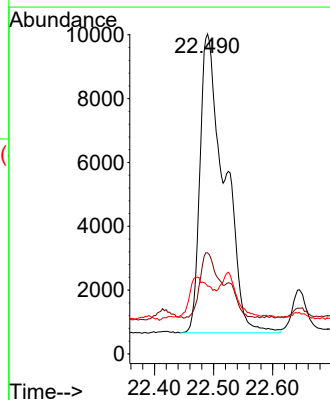
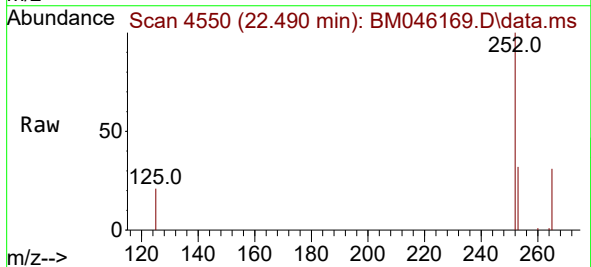


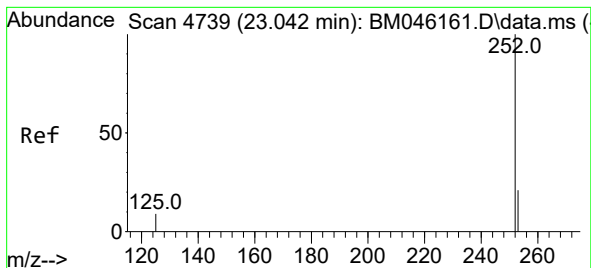
Tgt Ion:252 Resp: 26863
Ion Ratio Lower Upper
252 100
253 31.6 0.0 65.8
125 21.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.454 ng/ul
RT: 22.490 min Scan# 4550
Delta R.T. -0.074 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Tgt Ion:252 Resp: 26863
Ion Ratio Lower Upper
252 100
253 31.6 27.2 40.8
125 21.2 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.247 ng/ul

RT: 23.013 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

Instrument :

BNA_M

ClientSampleId :

A4BQ6

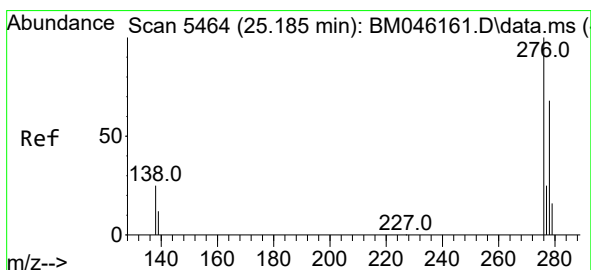
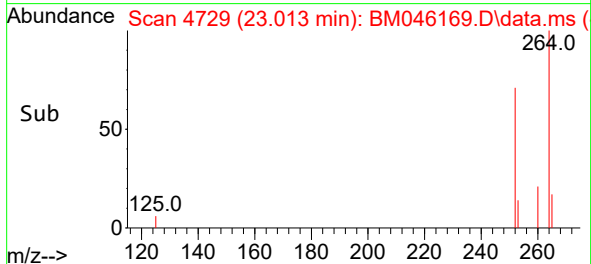
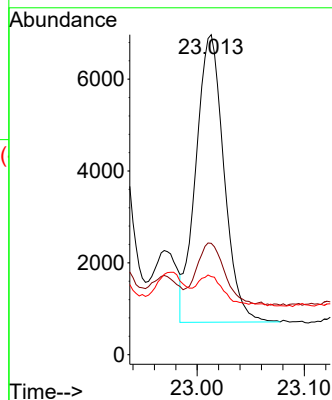
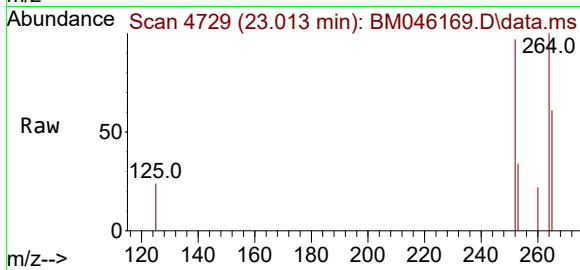
Tgt Ion:252 Resp: 11369

Ion Ratio Lower Upper

252 100

253 34.8 32.1 48.1

125 24.4 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.141 ng/ul

RT: 25.162 min Scan# 5457

Delta R.T. -0.041 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

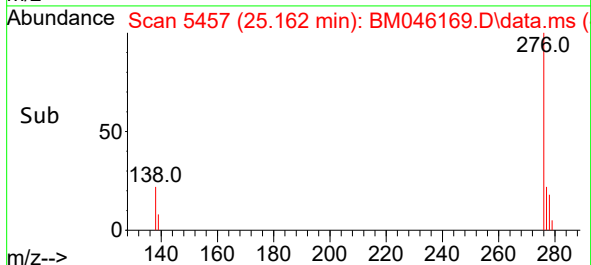
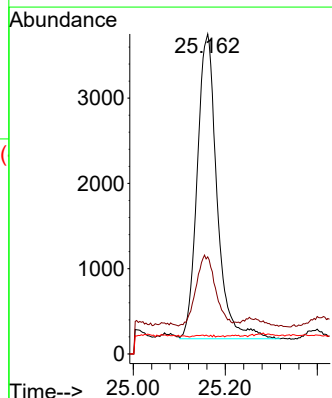
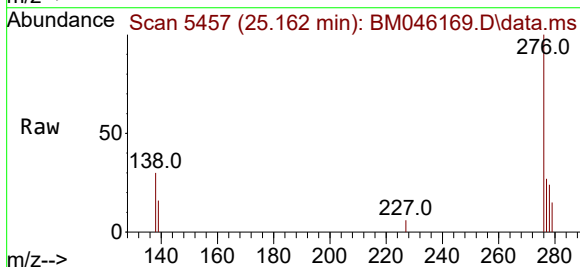
Tgt Ion:276 Resp: 10651

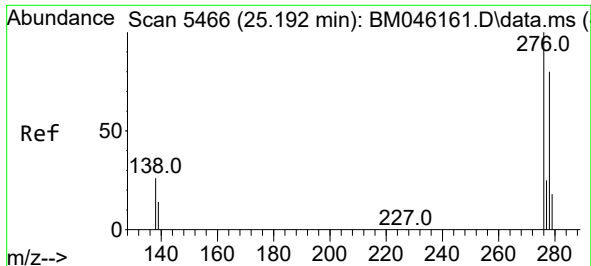
Ion Ratio Lower Upper

276 100

138 23.4 21.0 31.4

227 0.4 0.0 0.0#

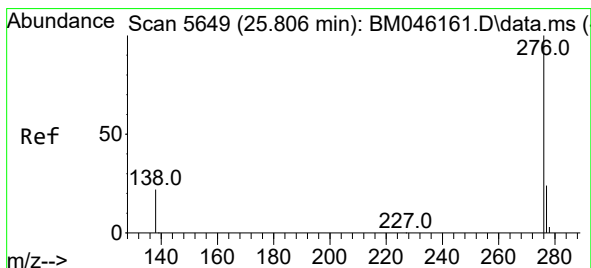
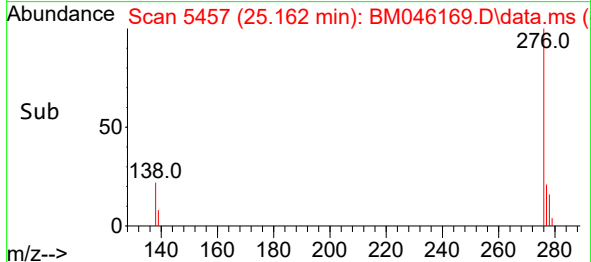
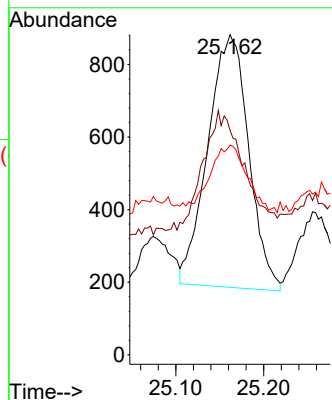
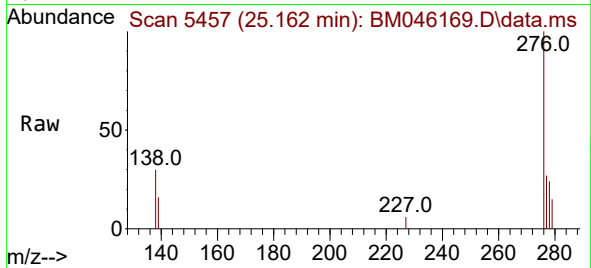




#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.162 min Scan# 54
Delta R.T. -0.054 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Instrument :
BNA_M
ClientSampleId :
A4BQ6

Tgt Ion:278 Resp: 2245
Ion Ratio Lower Upper
278 100
139 70.1 17.6 26.4#
279 65.5 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Tgt Ion:276 Resp: 11240
Ion Ratio Lower Upper
276 100
138 29.8 21.7 32.5
277 28.6 20.4 30.6

