

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
 Data File : BM040961.D
 Acq On : 19 Jul 2023 18:14
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 04:59:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 04:54:10 2023
 Response via : Initial Calibration

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

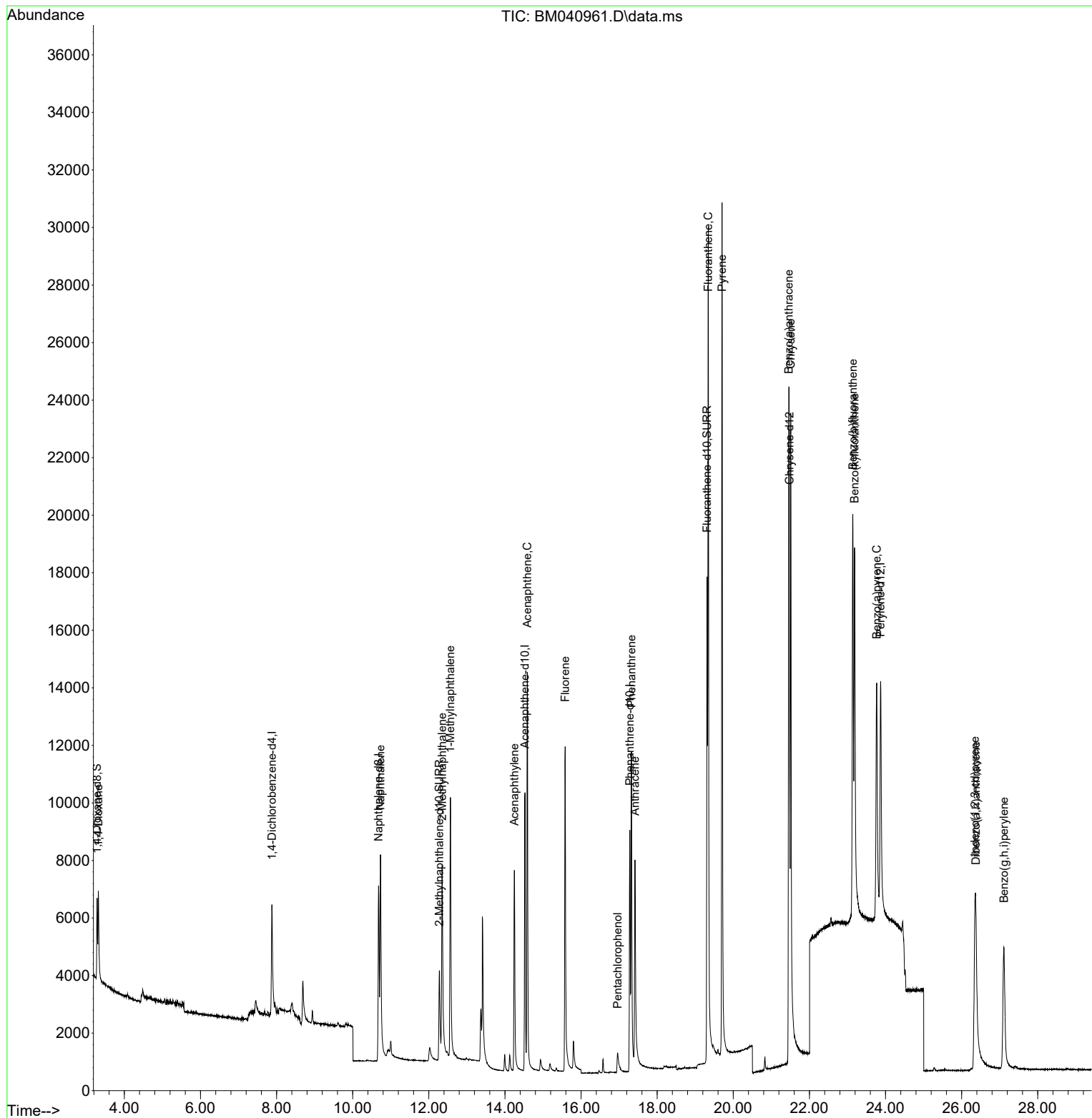
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3147	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	11022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	5803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	11127	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	15532	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	13285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1997	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	6118	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	21308	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	2128	0.423	ng/ul#	91
5) Naphthalene	10.730	128	12338	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	6935	0.388	ng/ul	97
8) 1-Methylnaphthalene	12.566	142	7401	0.415	ng/ul	98
10) Acenaphthylene	14.250	152	9881	0.381	ng/ul	99
11) Acenaphthene	14.587	153	8700	0.397	ng/ul	99
12) Fluorene	15.582	166	9046	0.387	ng/ul	100
14) Pentachlorophenol	16.961	266	995	0.464	ng/ul	99
15) Phenanthrene	17.325	178	13420	0.388	ng/ul	100
16) Anthracene	17.417	178	10661	0.367	ng/ul	99
19) Fluoranthene	19.343	202	26456	0.401	ng/ul	95
20) Pyrene	19.706	202	28891	0.408	ng/ul	96
21) Benzo(a)anthracene	21.457	228	20076	0.382	ng/ul	99
22) Chrysene	21.510	228	21935	0.366	ng/ul	100
24) Benzo(b)fluoranthene	23.141	252	19989	0.389	ng/ul	95
25) Benzo(k)fluoranthene	23.187	252	19874	0.392	ng/ul	95
26) Benzo(a)pyrene	23.769	252	17231	0.372	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.351	276	12150	0.188	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.374	278	9275	0.184	ng/ul	98
29) Benzo(g,h,i)perylene	27.112	276	11134	0.197	ng/ul	99

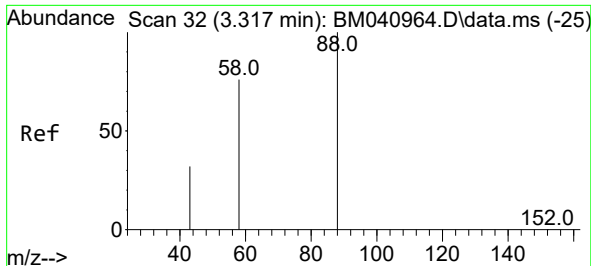
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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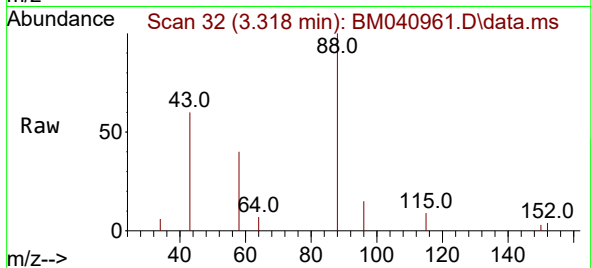
Quant Time: Jul 20 04:59:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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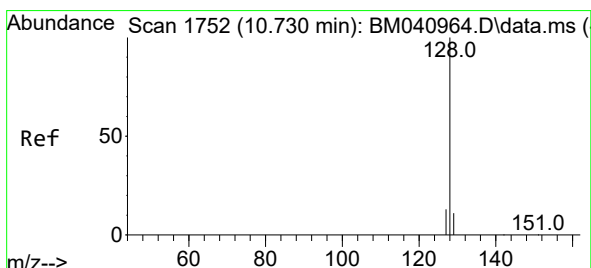
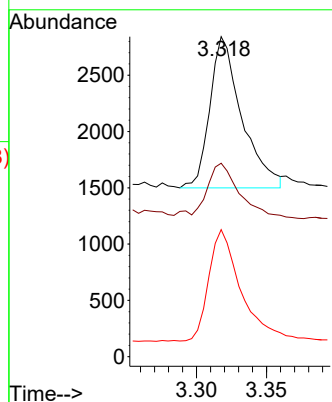
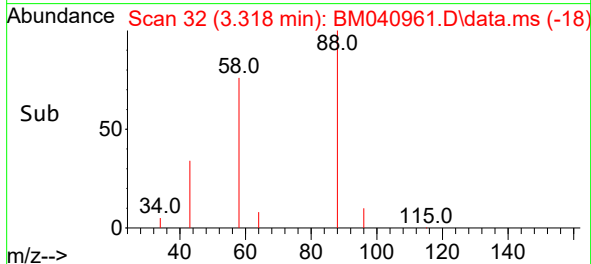


#2
1,4-Dioxane
Concen: 0.423 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :

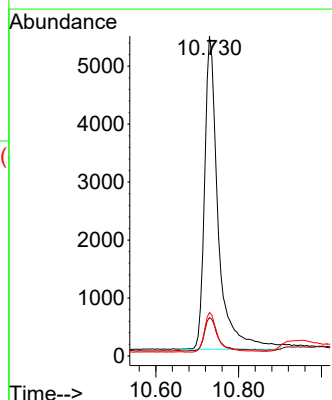
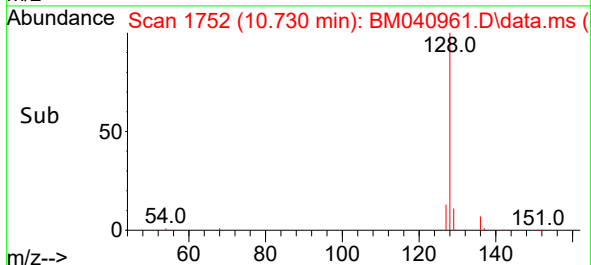
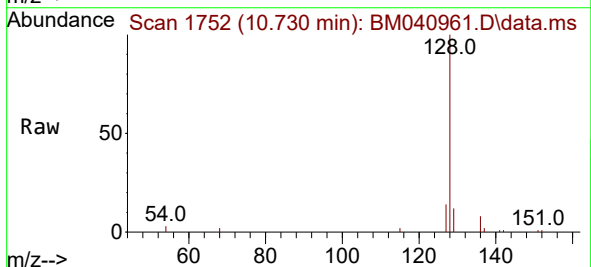


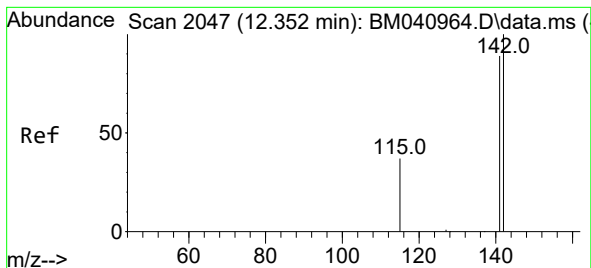
Tgt Ion: 88 Resp: 2128
Ion Ratio Lower Upper
88 100
43 60.5 46.7 70.1
58 39.7 40.3 60.5#



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion: 128 Resp: 12338
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.8
127 13.6 11.0 16.4

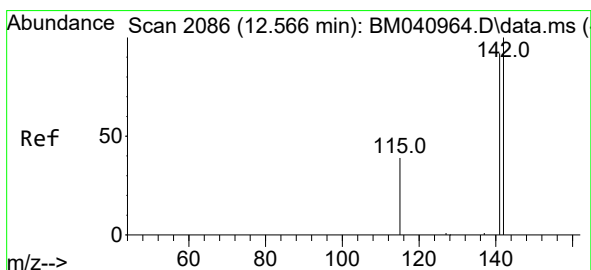
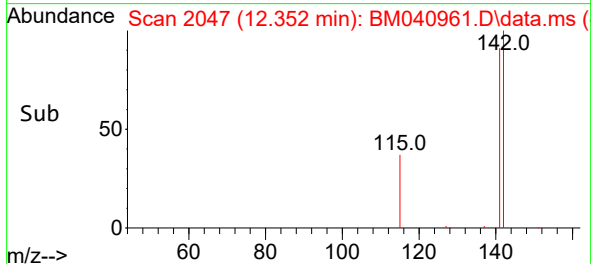
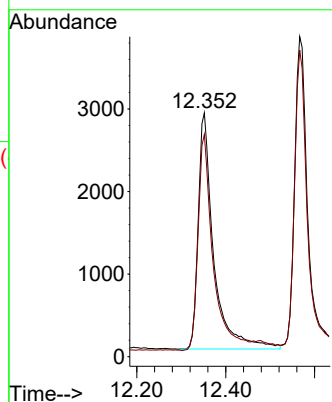
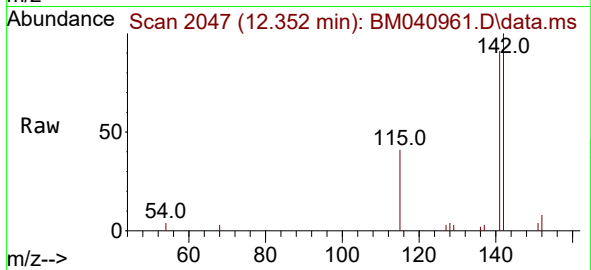




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

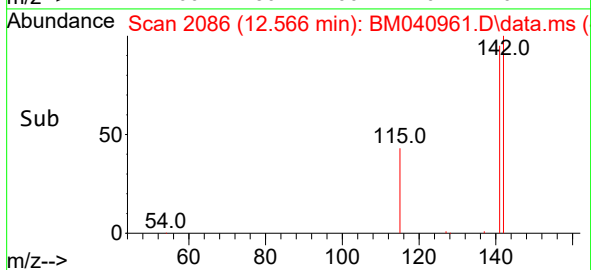
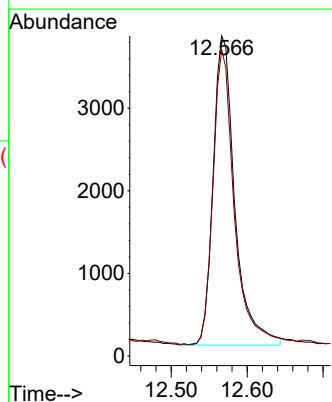
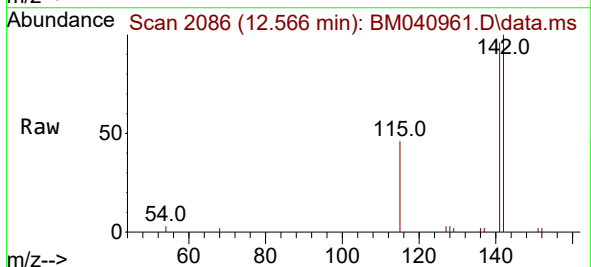
Instrument :
BNA_M
ClientSampleId :

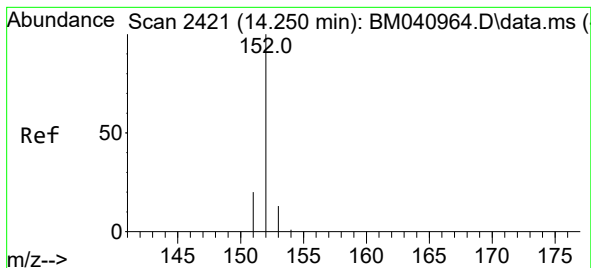
Tgt Ion:142 Resp: 6935
Ion Ratio Lower Upper
142 100
141 94.3 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:142 Resp: 7401
Ion Ratio Lower Upper
142 100
141 93.5 73.4 110.2





#10

Acenaphthylene

Concen: 0.381 ng/ul

RT: 14.250 min Scan# 2421

Delta R.T. 0.000 min

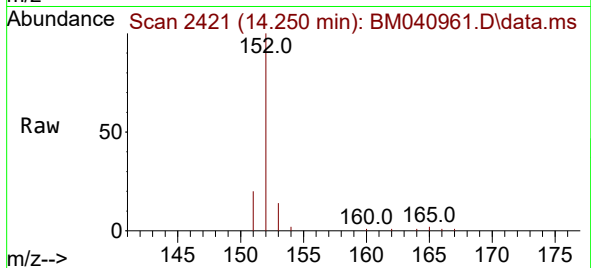
Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

Instrument :

BNA_M

ClientSampleId :



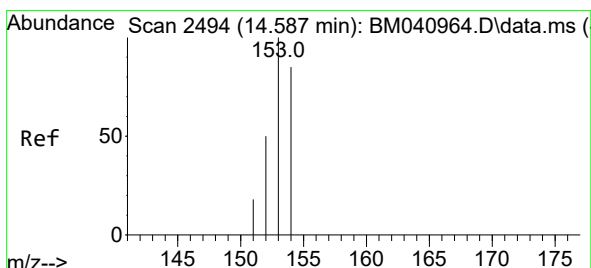
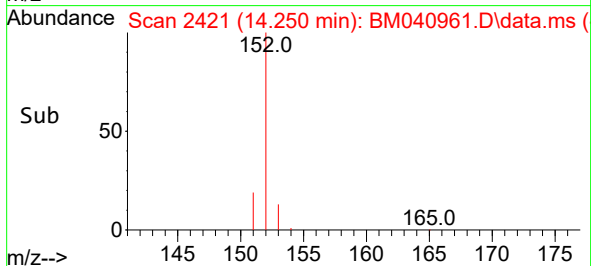
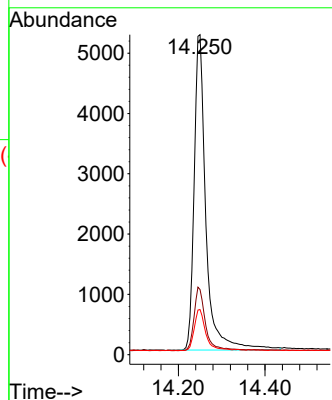
Tgt Ion:152 Resp: 9881

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 14.1 11.6 17.4



#11

Acenaphthene

Concen: 0.397 ng/ul

RT: 14.587 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

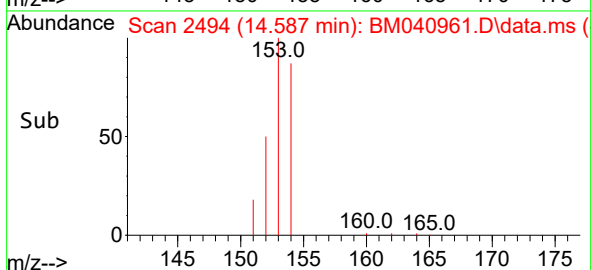
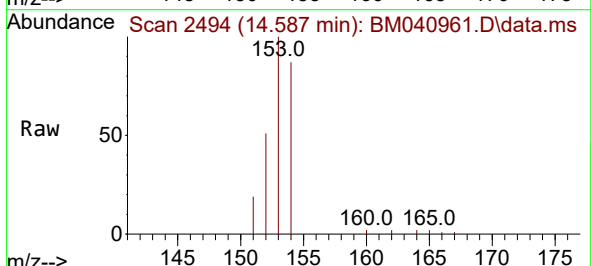
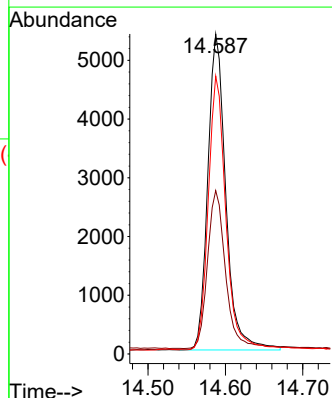
Tgt Ion:153 Resp: 8700

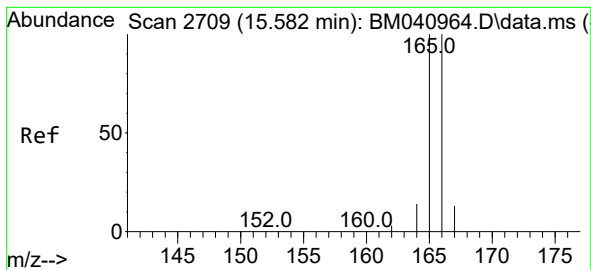
Ion Ratio Lower Upper

153 100

152 51.1 41.0 61.6

154 86.9 68.2 102.2





#12

Fluorene

Concen: 0.387 ng/ul

RT: 15.582 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

Instrument :

BNA_M

ClientSampleId :

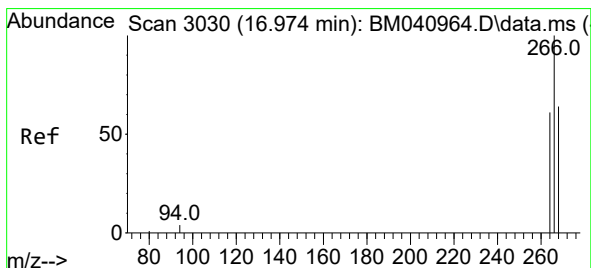
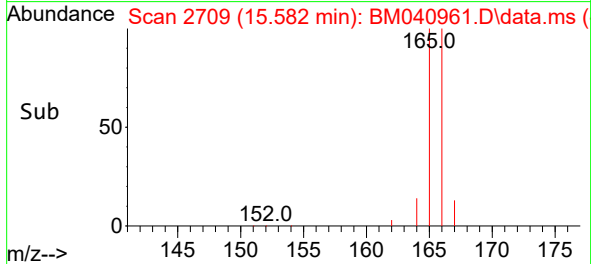
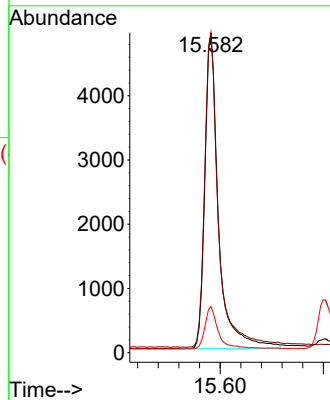
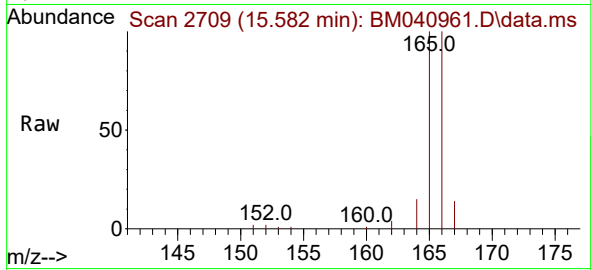
Tgt Ion:166 Resp: 9046

Ion Ratio Lower Upper

166 100

165 100.1 80.3 120.5

167 14.4 11.7 17.5



#14

Pentachlorophenol

Concen: 0.464 ng/ul

RT: 16.961 min Scan# 3027

Delta R.T. -0.012 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

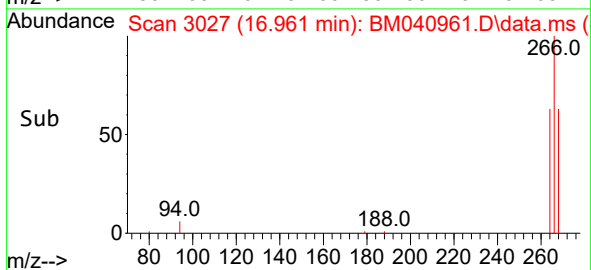
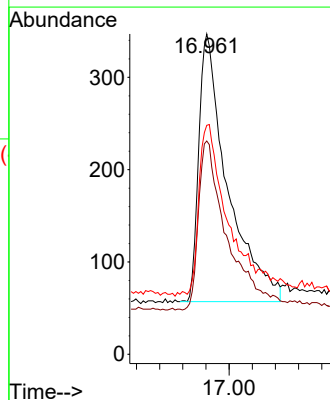
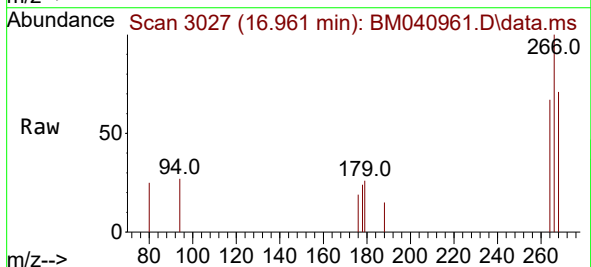
Tgt Ion:266 Resp: 995

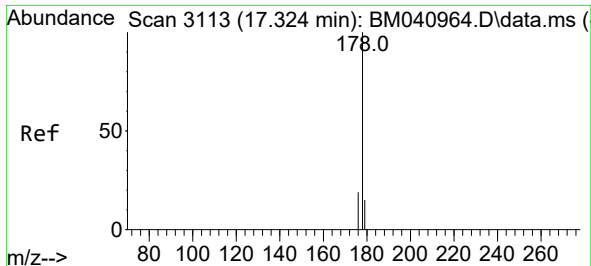
Ion Ratio Lower Upper

266 100

264 63.7 50.7 76.1

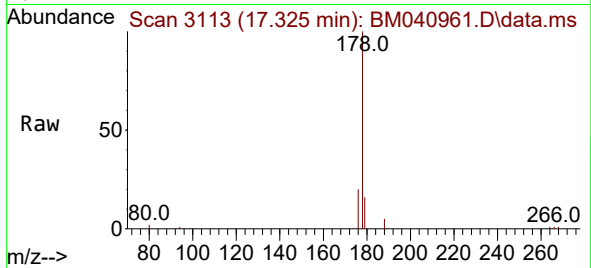
268 64.8 52.8 79.2



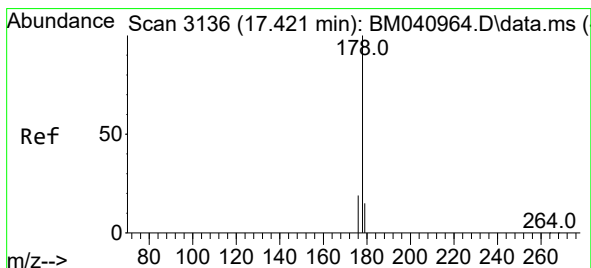
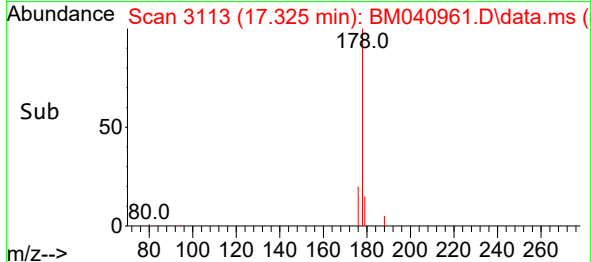
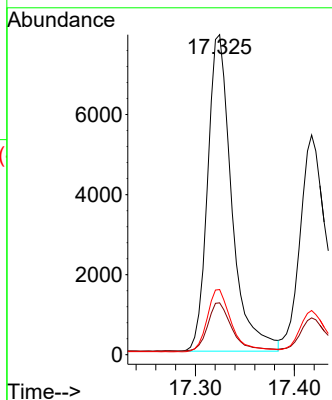


#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.325 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :

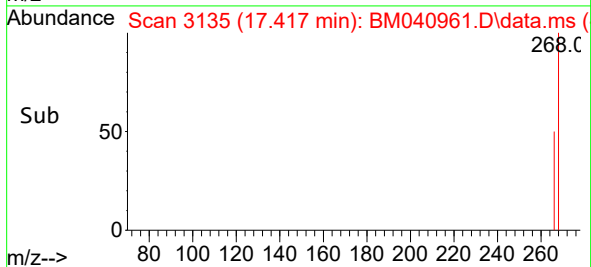
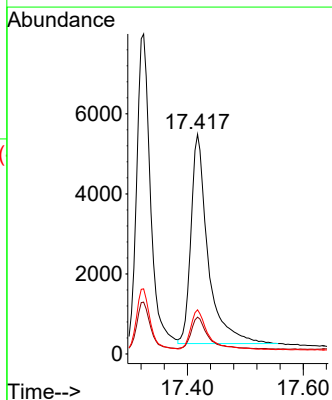
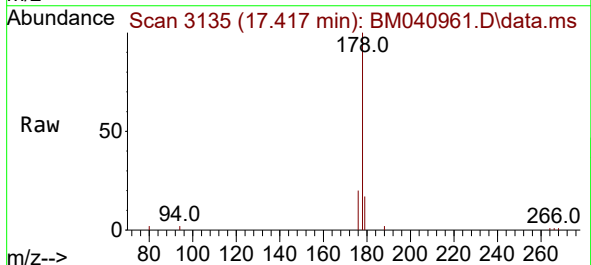


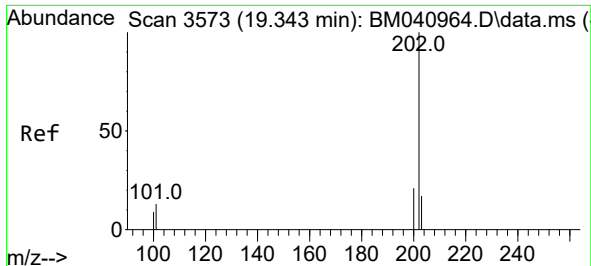
Tgt Ion:178 Resp: 13420
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:178 Resp: 10661
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.1 16.4 24.6

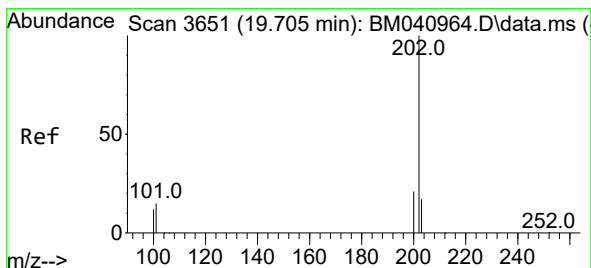
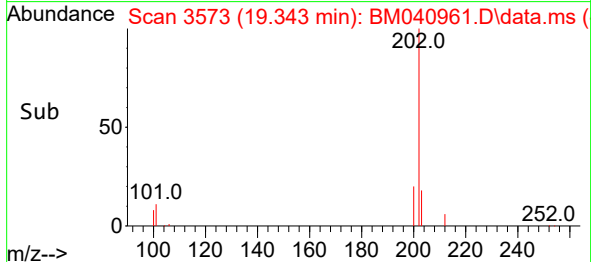
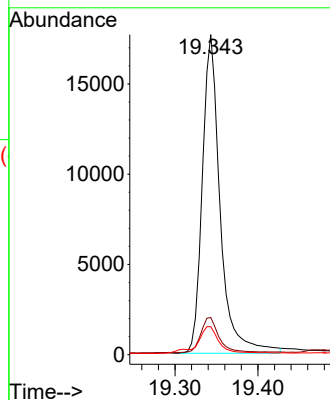
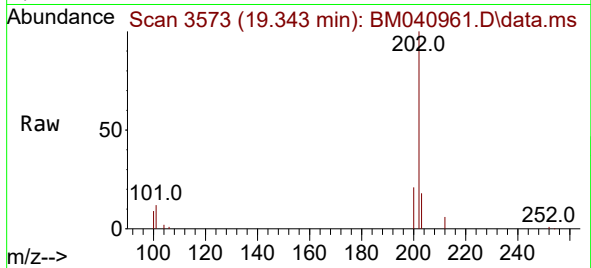




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

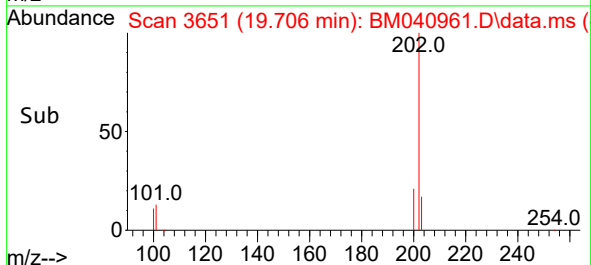
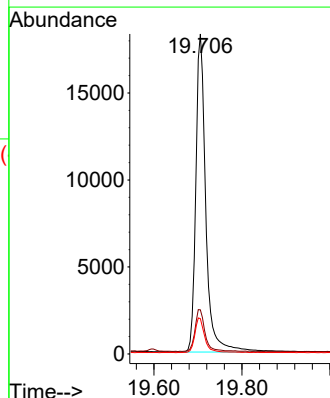
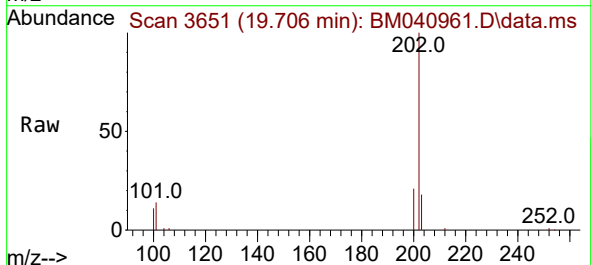
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BNA_M
ClientSampleId :

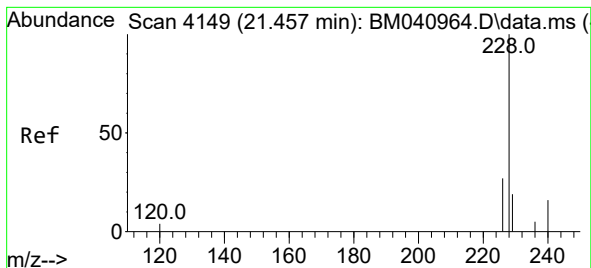
Tgt Ion:202 Resp: 26456
Ion Ratio Lower Upper
202 100
101 11.6 11.0 16.4
100 8.8 8.3 12.5



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:202 Resp: 28891
Ion Ratio Lower Upper
202 100
101 13.8 12.5 18.7
100 11.0 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.382 ng/ul

RT: 21.457 min Scan# 4149

Delta R.T. 0.000 min

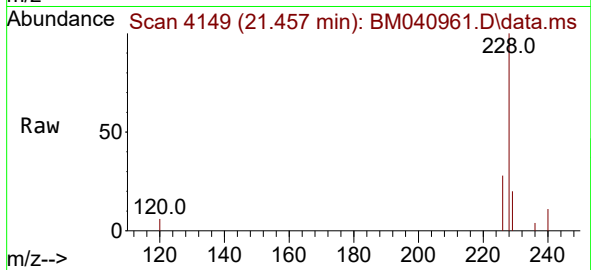
Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

Instrument :

BNA_M

ClientSampleId :



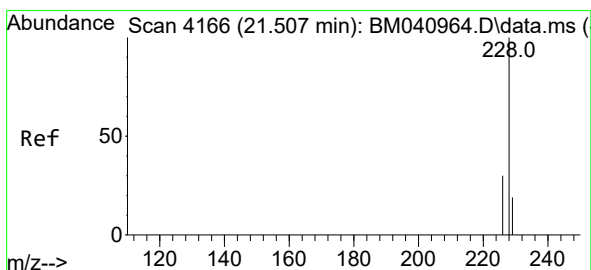
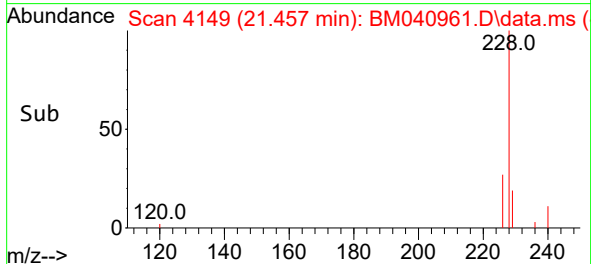
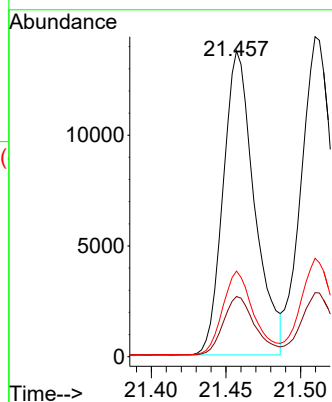
Tgt Ion:228 Resp: 20076

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.4

226 28.0 22.3 33.5



#22

Chrysene

Concen: 0.366 ng/ul

RT: 21.510 min Scan# 4167

Delta R.T. 0.003 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

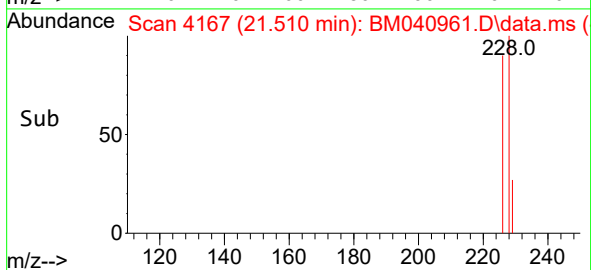
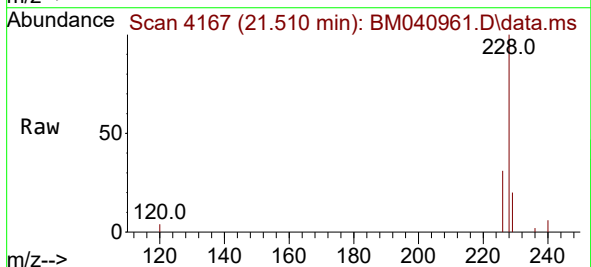
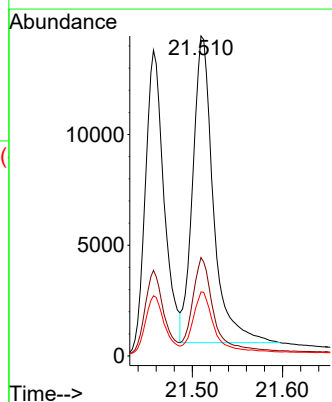
Tgt Ion:228 Resp: 21935

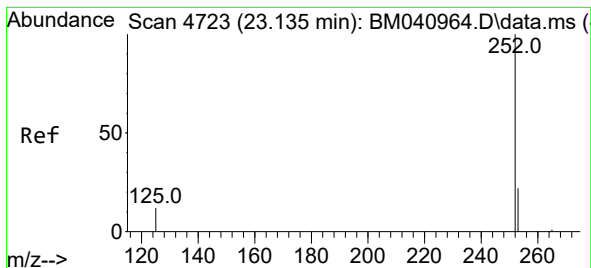
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 20.0 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 23.141 min Scan# 4725

Delta R.T. 0.006 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

Instrument :

BNA_M

ClientSampleId :

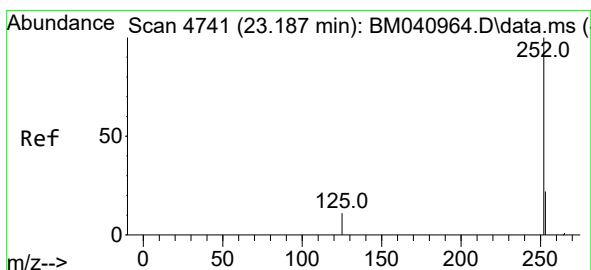
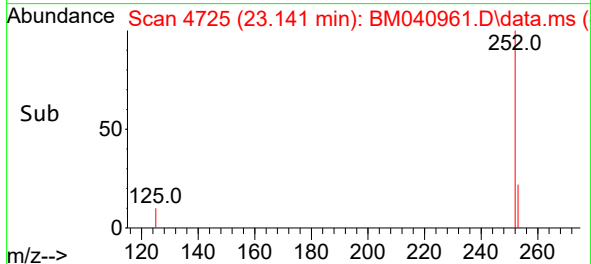
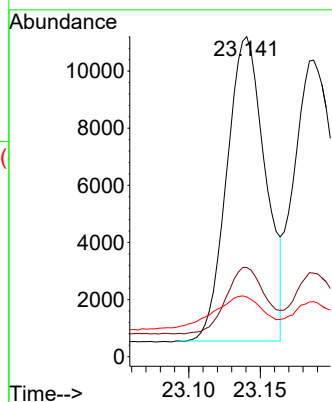
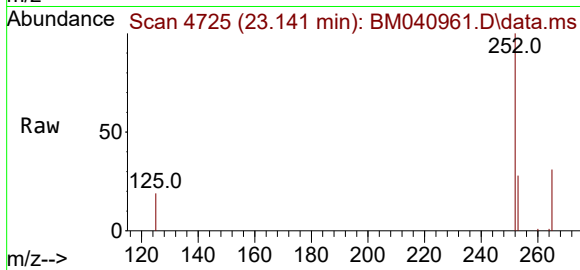
Tgt Ion:252 Resp: 19989

Ion Ratio Lower Upper

252 100

253 27.8 0.0 57.4

125 18.6 0.0 45.2



#25

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 23.187 min Scan# 4741

Delta R.T. 0.000 min

Lab File: BM040961.D

Acq: 19 Jul 2023 18:14

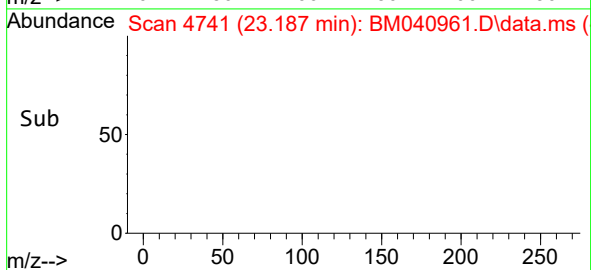
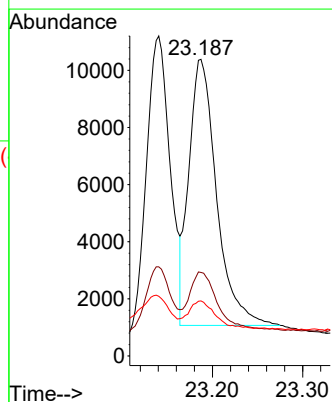
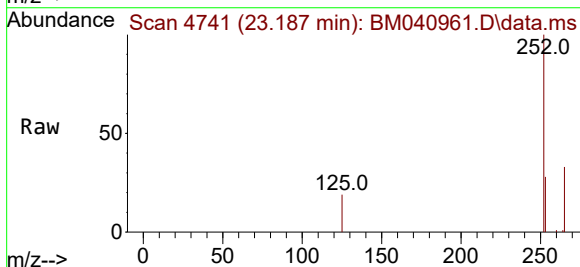
Tgt Ion:252 Resp: 19874

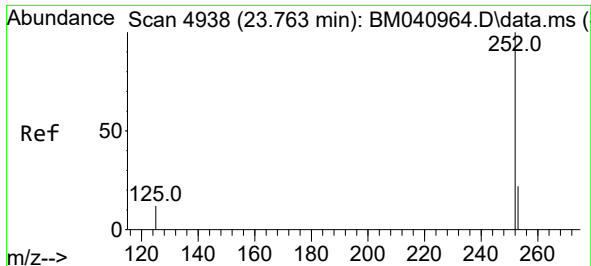
Ion Ratio Lower Upper

252 100

253 28.2 23.3 34.9

125 18.6 18.2 27.2

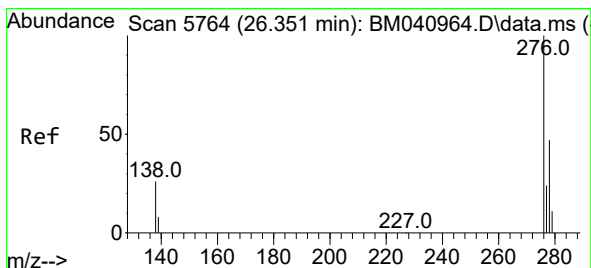
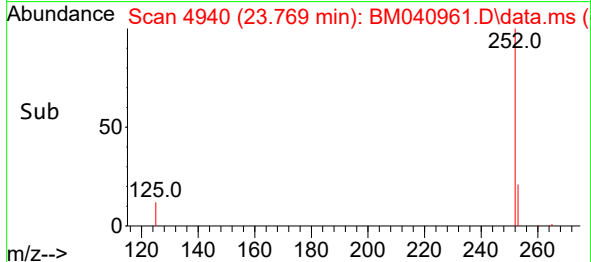
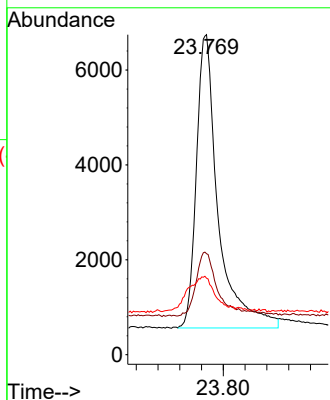
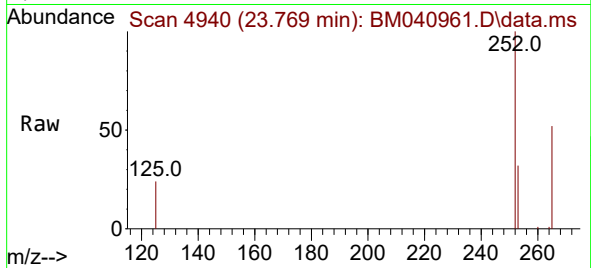




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.769 min Scan# 4938
Delta R.T. 0.006 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

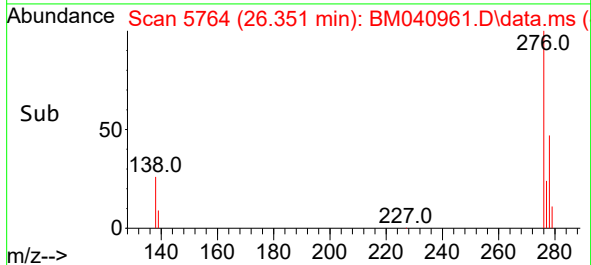
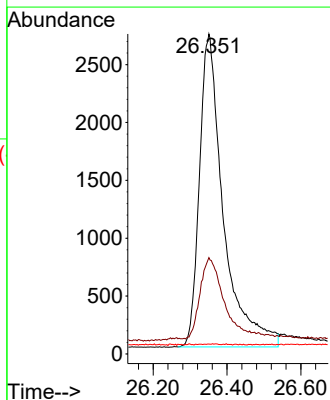
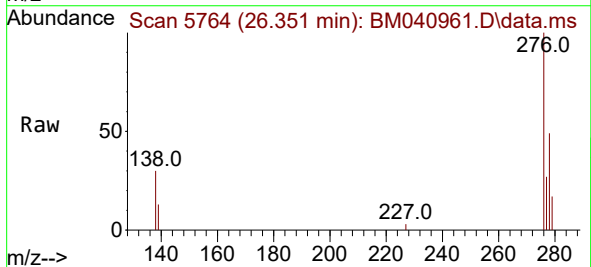
Instrument :
BNA_M
ClientSampleId :

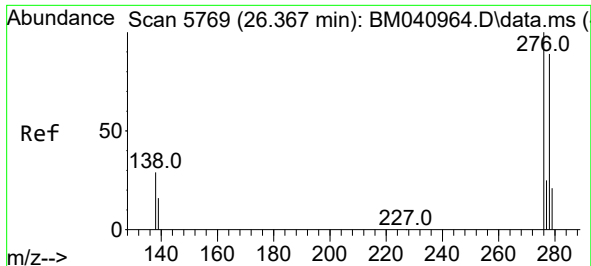
Tgt Ion:252 Resp: 17231
Ion Ratio Lower Upper
252 100
253 31.5 28.2 42.2
125 23.9 25.2 37.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 26.351 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

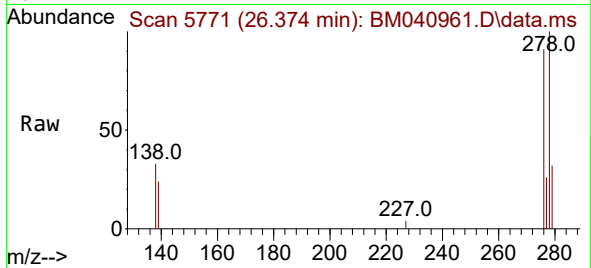
Tgt Ion:276 Resp: 12150
Ion Ratio Lower Upper
276 100
138 27.0 22.3 33.5
227 0.0 0.0 0.0#



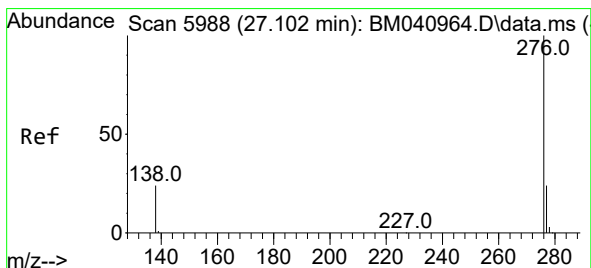
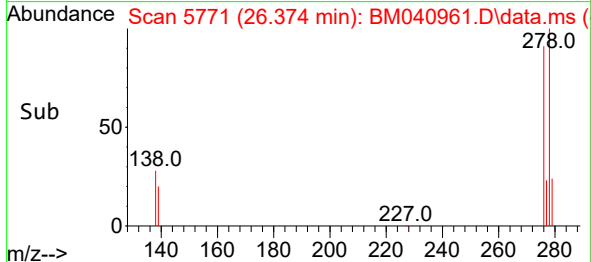
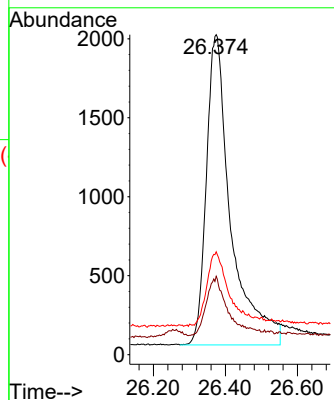


#28
 Dibenzo(a,h)anthracene
 Concen: 0.184 ng/ul
 RT: 26.374 min Scan# 5771
 Delta R.T. 0.007 min
 Lab File: BM040961.D
 Acq: 19 Jul 2023 18:14

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 9275
 Ion Ratio Lower Upper
 278 100
 139 24.5 19.2 28.8
 279 32.1 27.0 40.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.197 ng/ul
 RT: 27.112 min Scan# 5991
 Delta R.T. 0.010 min
 Lab File: BM040961.D
 Acq: 19 Jul 2023 18:14

Tgt Ion:276 Resp: 11134
 Ion Ratio Lower Upper
 276 100
 138 28.2 22.6 34.0
 277 25.2 21.2 31.8

