

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038204.D
 Acq On : 22 Dec 2022 18:49
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:48:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

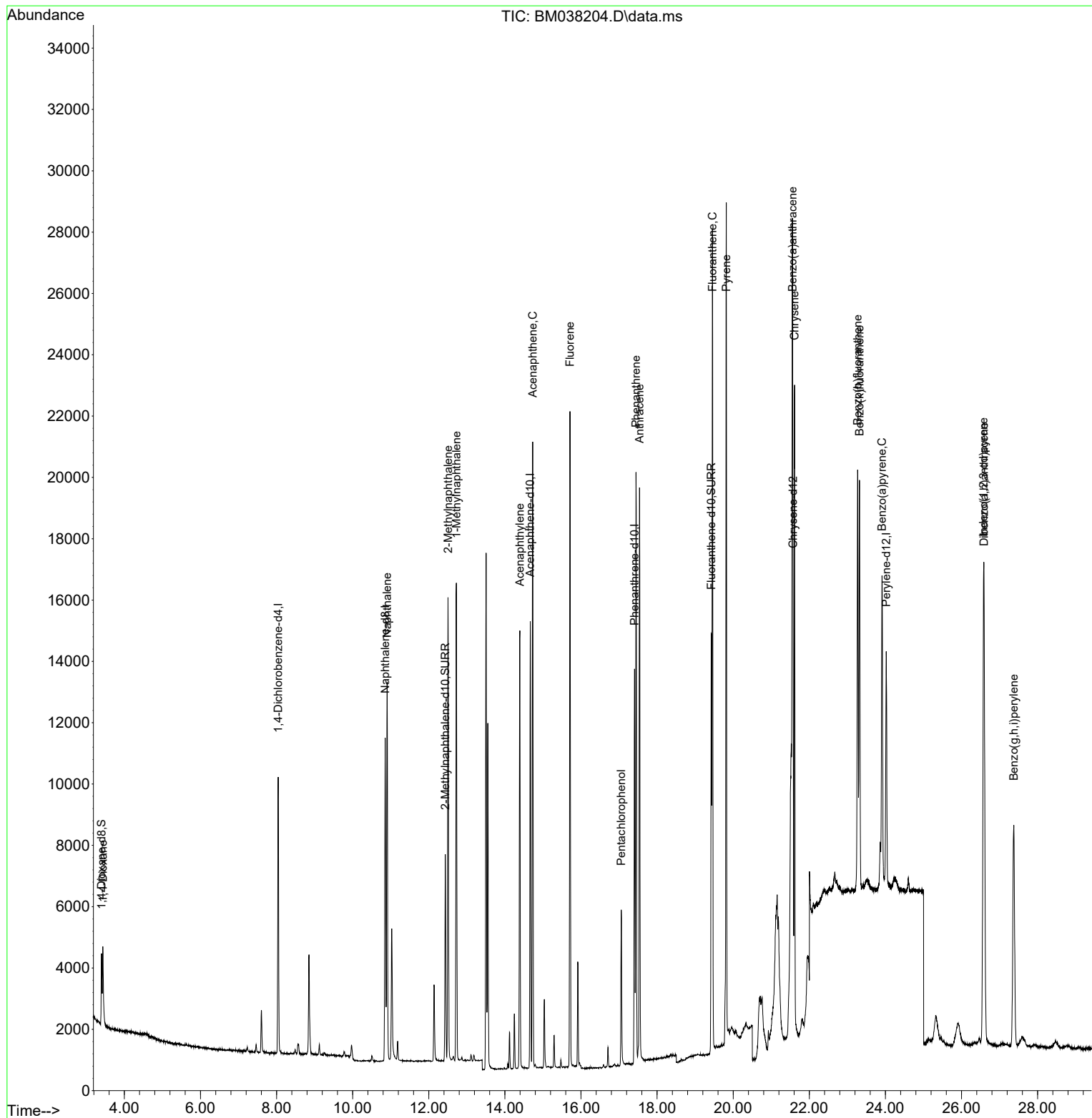
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14076	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	15271	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9938	0.400	ng/ul	# 0.00
23) Perylene-d12	24.020	264	9942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	1889	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	8400	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	15067	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.435	88	1704	0.368	ng/ul#	91
5) Naphthalene	10.905	128	16204	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	10298	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	10492	0.400	ng/ul	99
10) Acenaphthylene	14.393	152	16206	0.391	ng/ul	100
11) Acenaphthene	14.731	153	11658	0.394	ng/ul	99
12) Fluorene	15.711	166	12811	0.400	ng/ul	100
14) Pentachlorophenol	17.058	266	3461	0.455	ng/ul	100
15) Phenanthrene	17.447	178	19754	0.387	ng/ul	99
16) Anthracene	17.540	178	19479	0.397	ng/ul	99
19) Fluoranthene	19.454	202	22552	0.414	ng/ul	100
20) Pyrene	19.817	202	23250	0.423	ng/ul	99
21) Benzo(a)anthracene	21.556	228	18925	0.434	ng/ul#	93
22) Chrysene	21.612	228	18116	0.427	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	18344	0.417	ng/ul	98
25) Benzo(k)fluoranthene	23.319	252	17494	0.414	ng/ul	97
26) Benzo(a)pyrene	23.909	252	15556	0.405	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.579	276	19871	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.592	278	15534	0.375	ng/ul	98
29) Benzo(g,h,i)perylene	27.373	276	16311	0.364	ng/ul	98

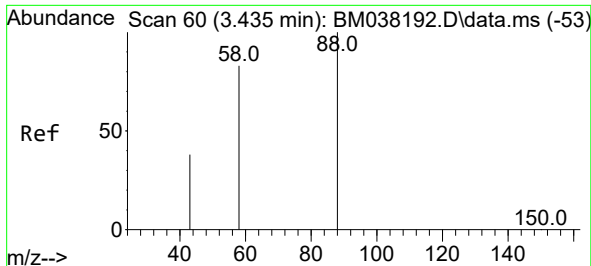
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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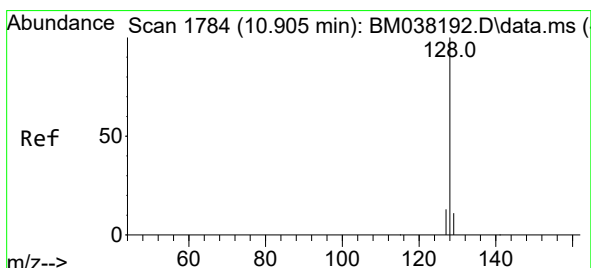
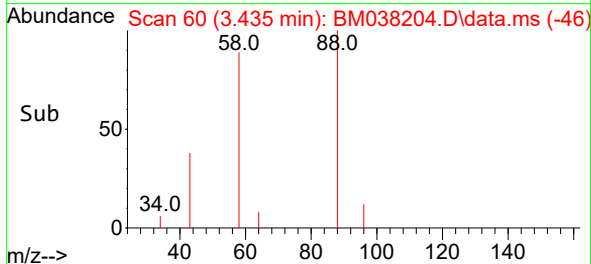
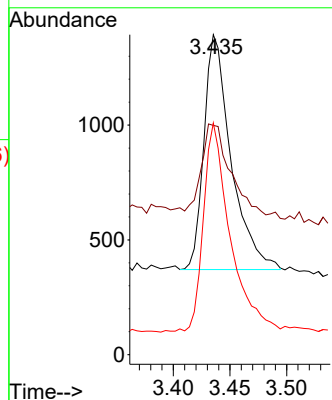
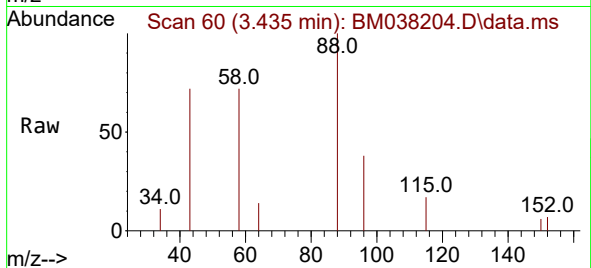




#2
1,4-Dioxane
Concen: 0.368 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

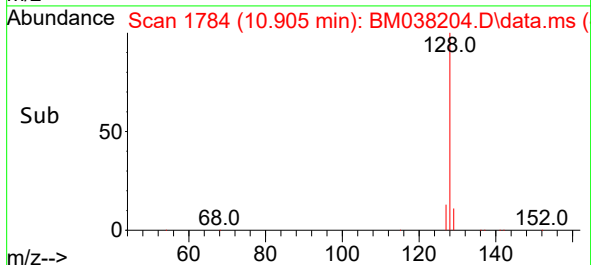
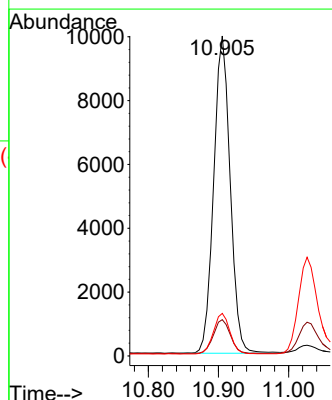
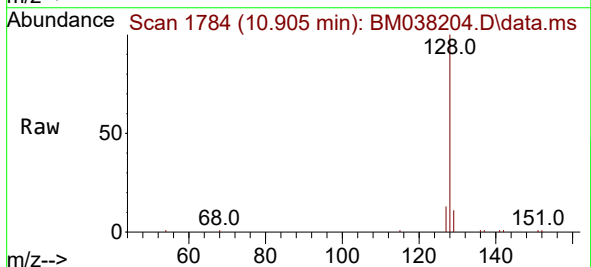
Instrument :
BNA_M
ClientSampleId :

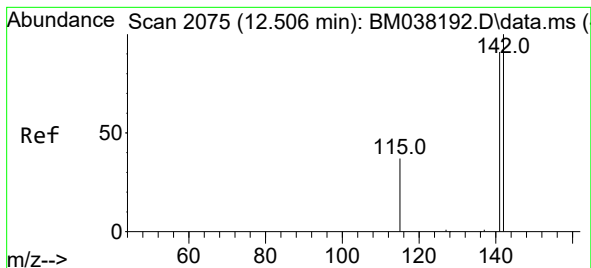
Tgt Ion: 88 Resp: 1704
Ion Ratio Lower Upper
88 100
43 71.7 46.4 69.6#
58 72.4 56.9 85.3



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.905 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Tgt Ion: 128 Resp: 16204
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.401 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038204.D

Acq: 22 Dec 2022 18:49

Instrument :

BNA_M

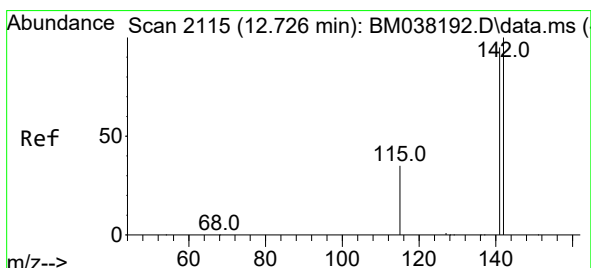
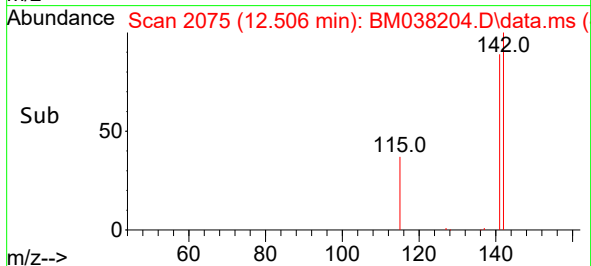
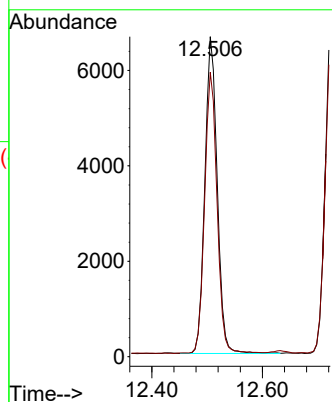
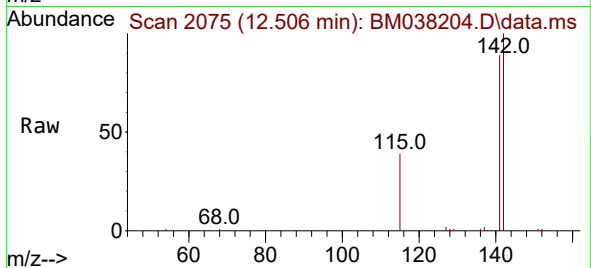
ClientSampleId :

Tgt Ion:142 Resp: 10298

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.726 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM038204.D

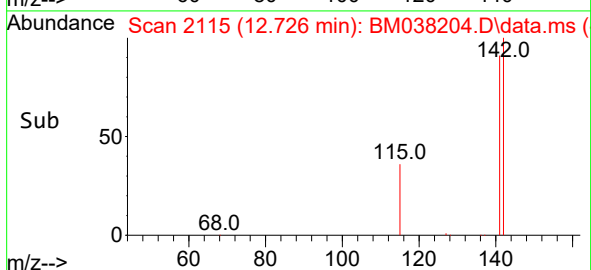
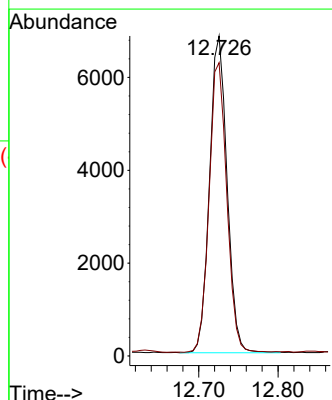
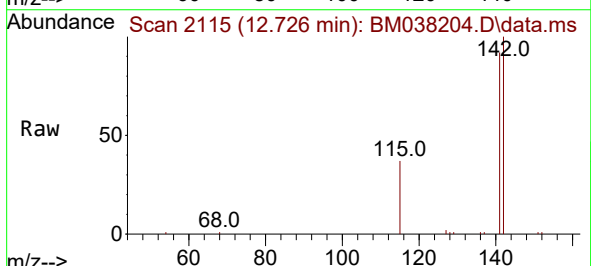
Acq: 22 Dec 2022 18:49

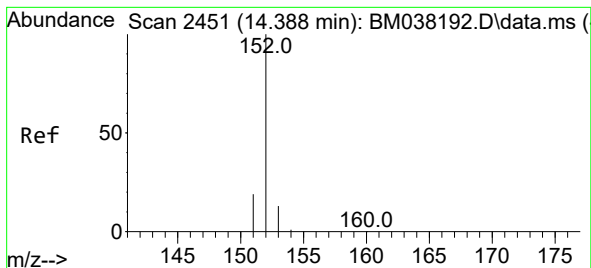
Tgt Ion:142 Resp: 10492

Ion Ratio Lower Upper

142 100

141 92.1 74.7 112.1





#10

Acenaphthylene

Concen: 0.391 ng/ul

RT: 14.393 min Scan# 2451

Delta R.T. 0.005 min

Lab File: BM038204.D

Acq: 22 Dec 2022 18:49

Instrument :

BNA_M

ClientSampleId :

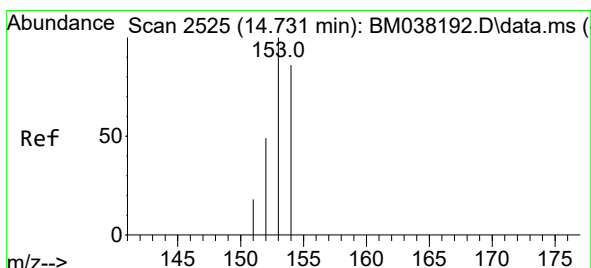
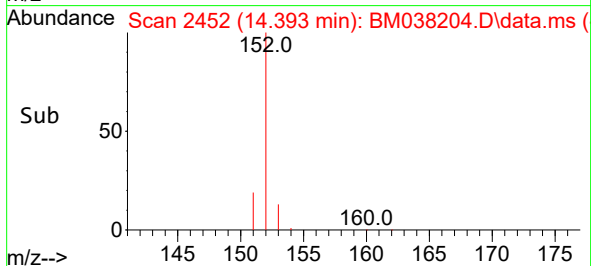
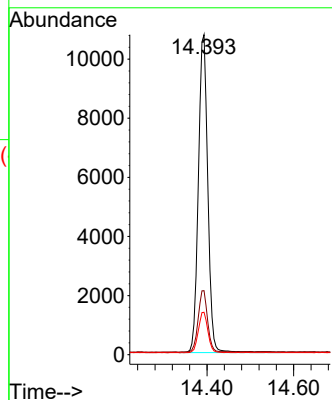
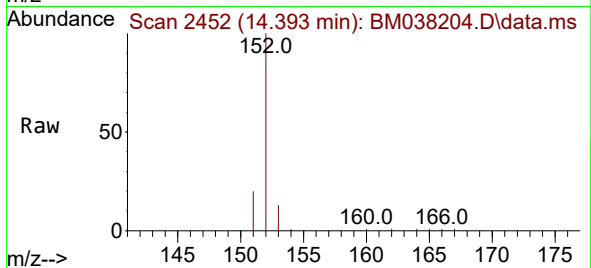
Tgt Ion:152 Resp: 16206

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.3 10.7 16.1



#11

Acenaphthene

Concen: 0.394 ng/ul

RT: 14.731 min Scan# 2525

Delta R.T. 0.000 min

Lab File: BM038204.D

Acq: 22 Dec 2022 18:49

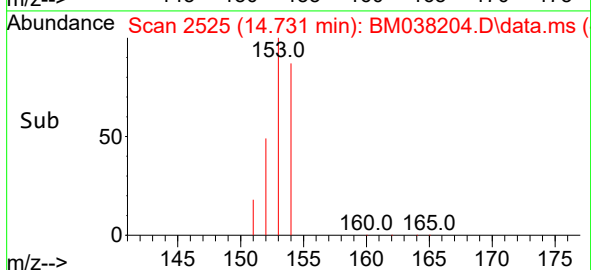
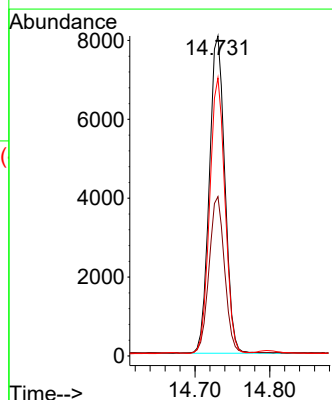
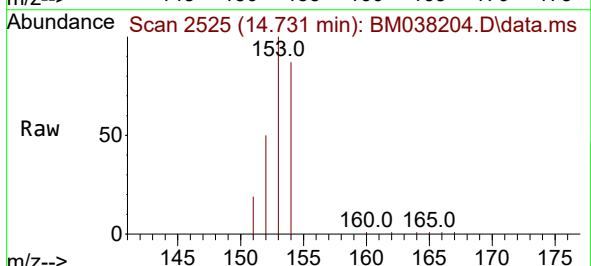
Tgt Ion:153 Resp: 11658

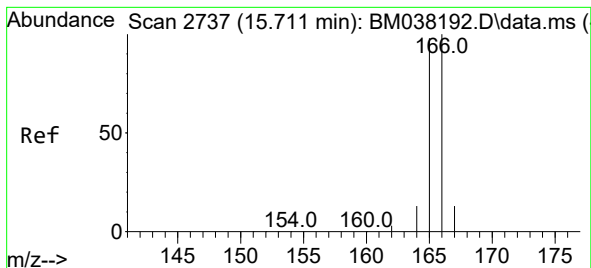
Ion Ratio Lower Upper

153 100

152 49.8 39.4 59.0

154 86.9 69.0 103.4





#12

Fluorene

Concen: 0.400 ng/ul

RT: 15.711 min Scan# 21

Delta R.T. 0.000 min

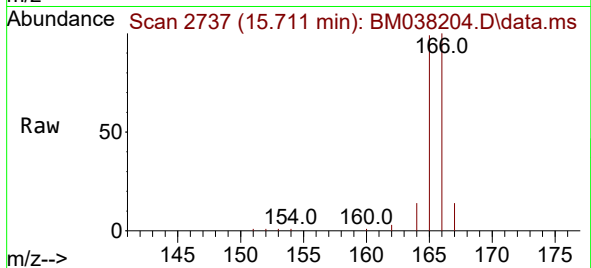
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Acq: 22 Dec 2022 18:49

Instrument :

BNA_M

ClientSampleId :



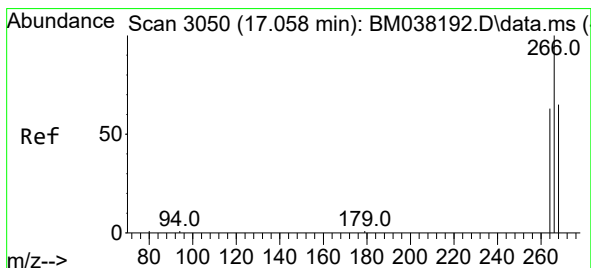
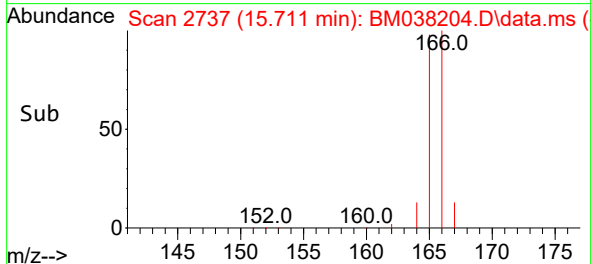
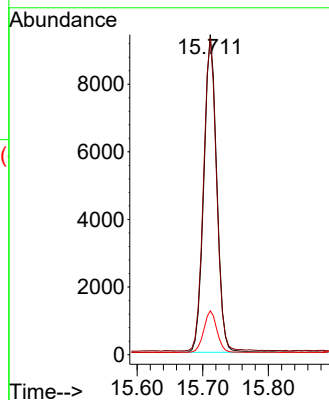
Tgt Ion:166 Resp: 12811

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.455 ng/ul

RT: 17.058 min Scan# 3050

Delta R.T. 0.000 min

Lab File: BM038204.D

Acq: 22 Dec 2022 18:49

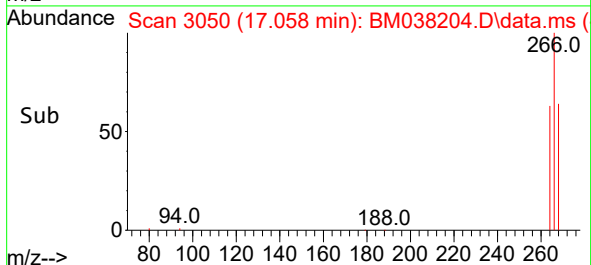
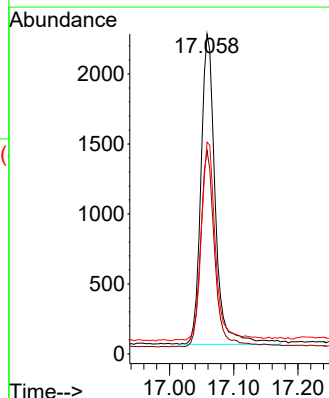
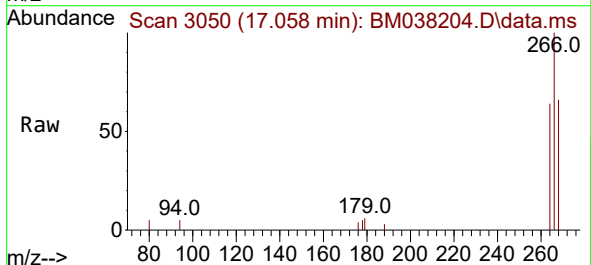
Tgt Ion:266 Resp: 3461

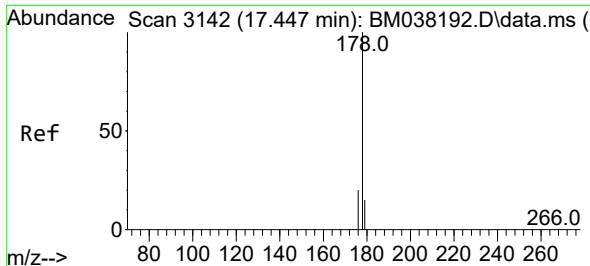
Ion Ratio Lower Upper

266 100

264 62.5 49.9 74.9

268 63.4 51.2 76.8

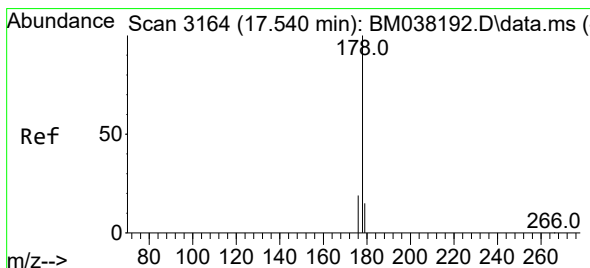
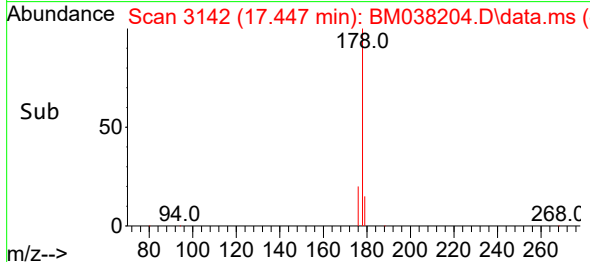
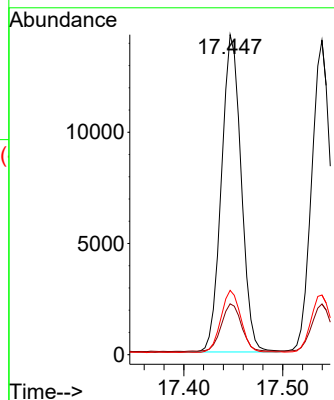
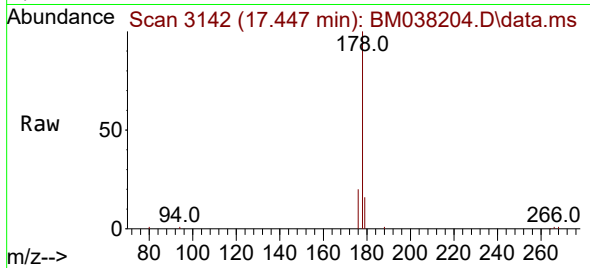




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

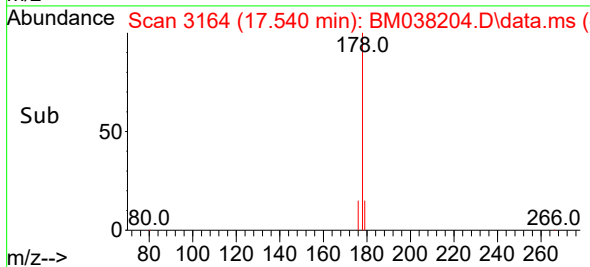
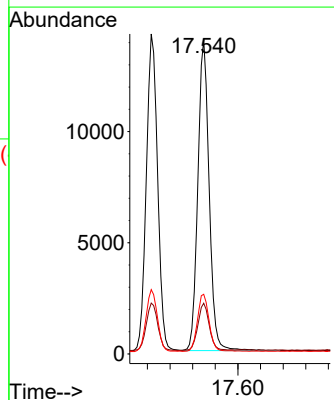
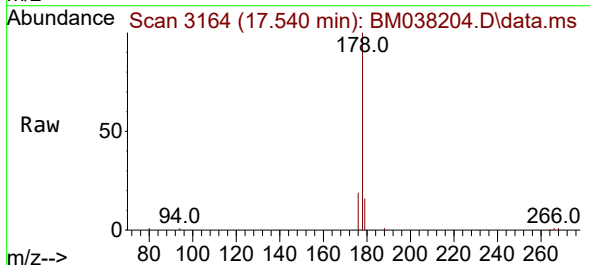
Instrument :
BNA_M
ClientSampleId :

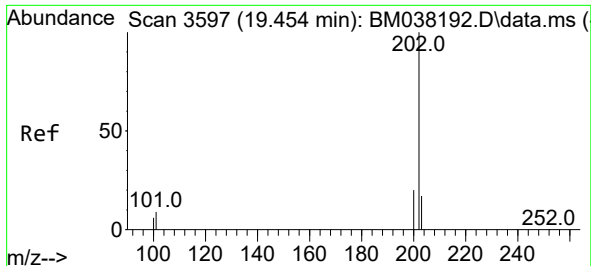
Tgt Ion:178 Resp: 19754
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Tgt Ion:178 Resp: 19479
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.0 15.6 23.4

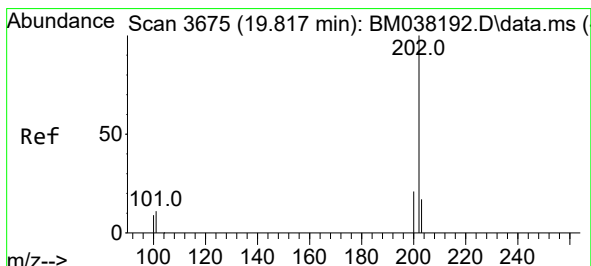
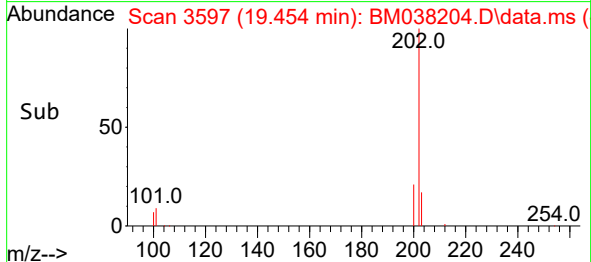
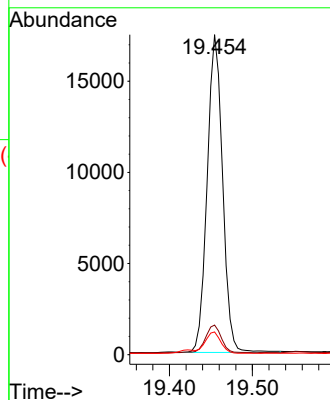
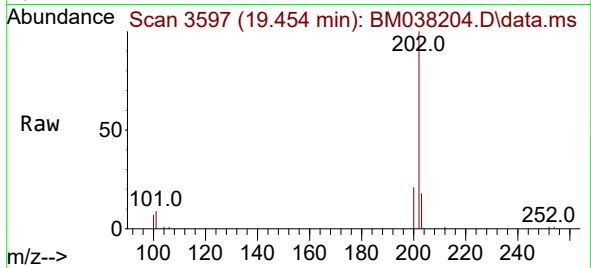




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

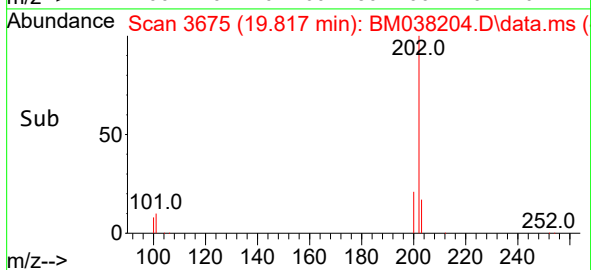
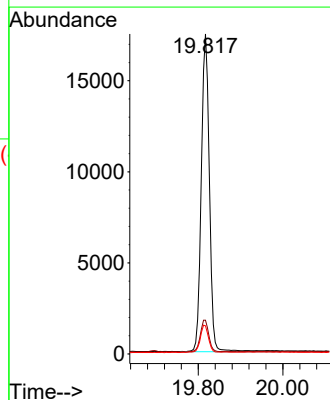
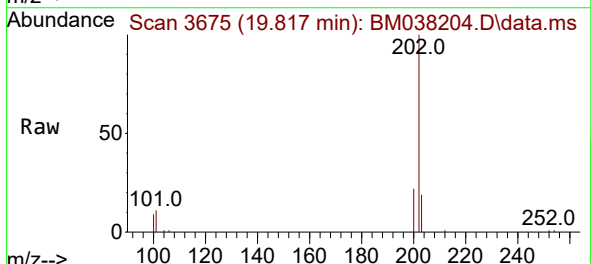
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BNA_M
ClientSampleId :

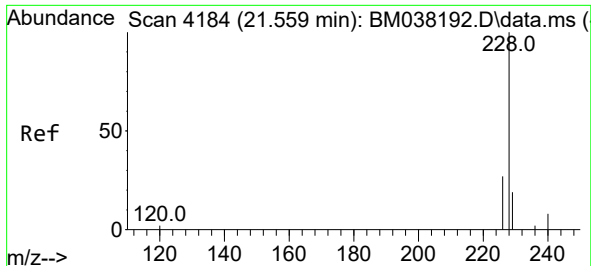
Tgt Ion:202 Resp: 22552
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 7.1 5.6 8.4



#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

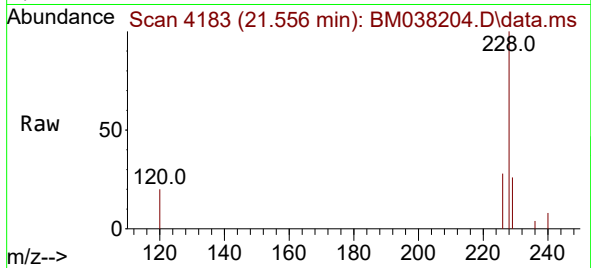
Tgt Ion:202 Resp: 23250
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.8 7.4 11.0



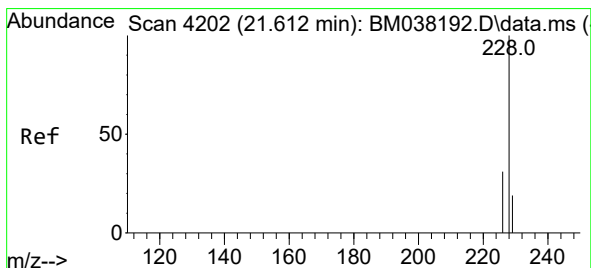
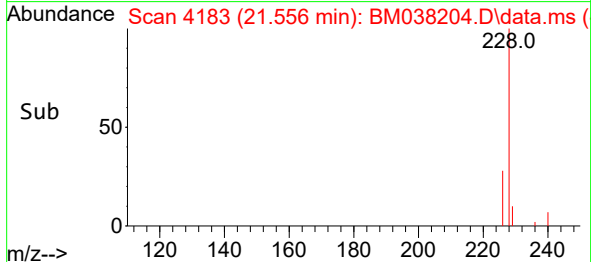
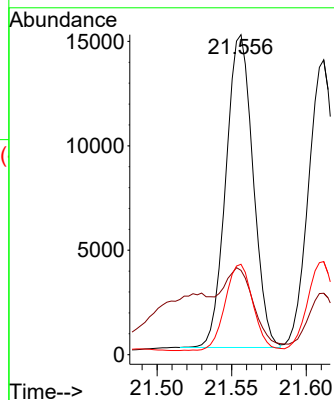


#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Instrument :
BNA_M
ClientSampleId :

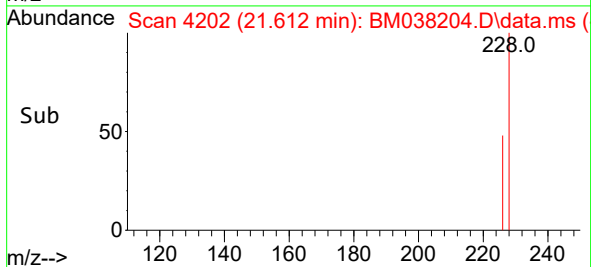
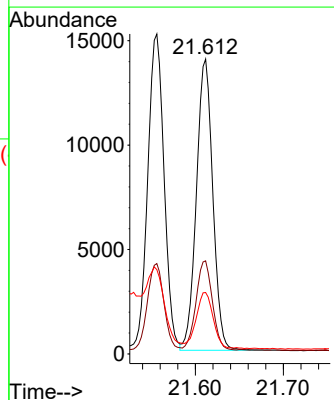
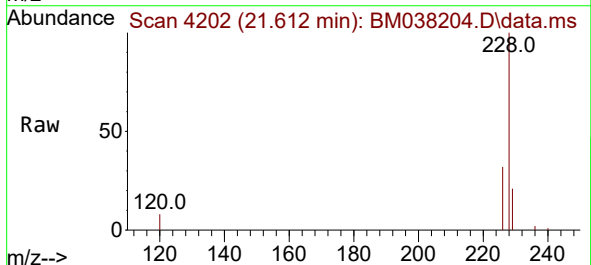


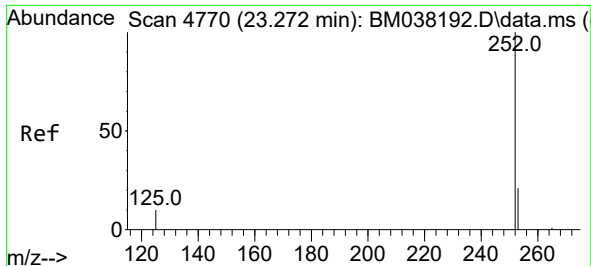
Tgt Ion:228 Resp: 18925
Ion Ratio Lower Upper
228 100
229 26.3 15.5 23.3#
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

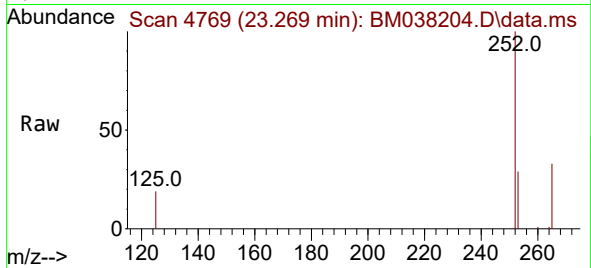
Tgt Ion:228 Resp: 18116
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.4
229 20.8 16.0 24.0



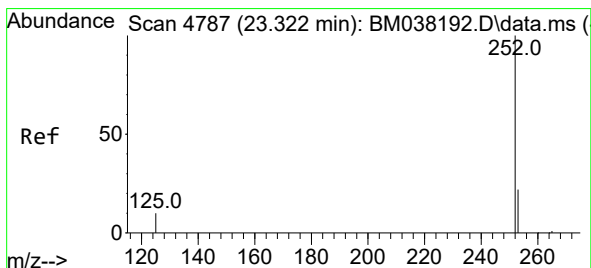
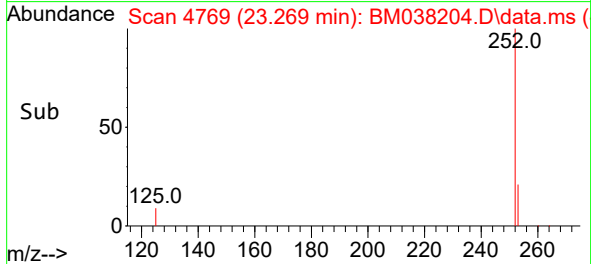
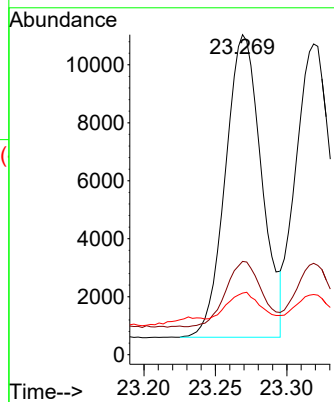


#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Instrument :
BNA_M
ClientSampleId :

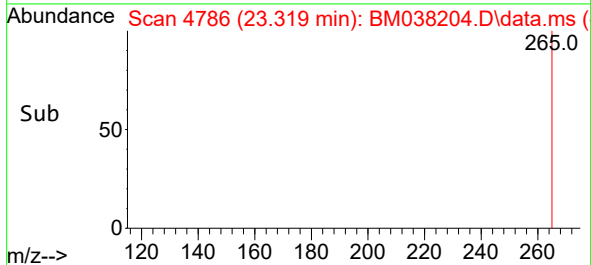
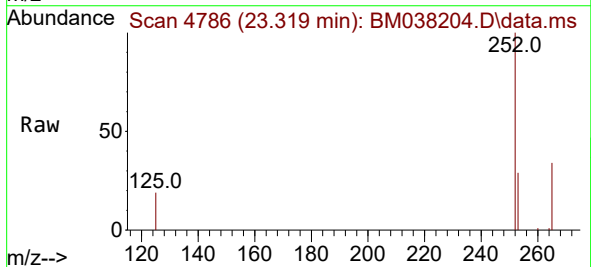
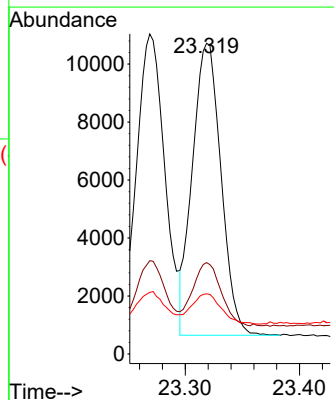


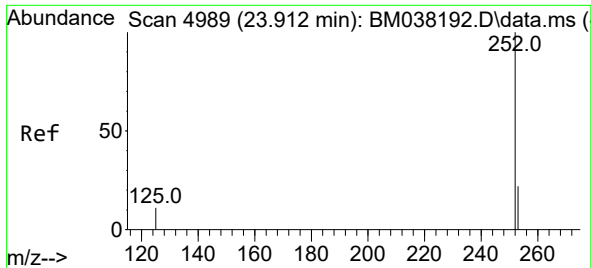
Tgt Ion:252 Resp: 18344
Ion Ratio Lower Upper
252 100
253 29.1 0.0 56.0
125 19.2 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

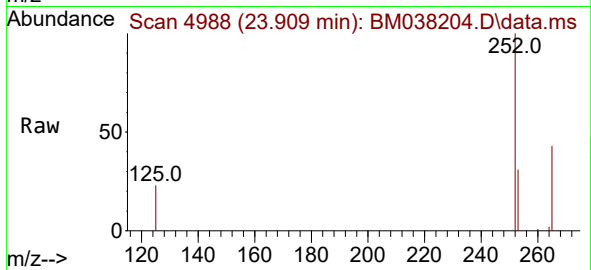
Tgt Ion:252 Resp: 17494
Ion Ratio Lower Upper
252 100
253 29.4 22.5 33.7
125 19.4 14.4 21.6



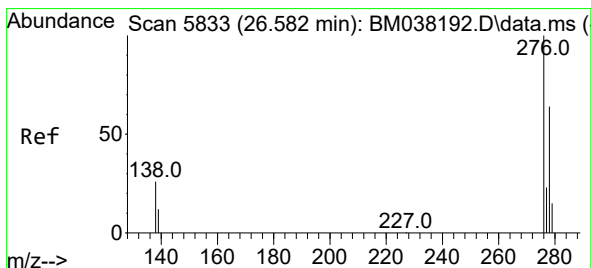
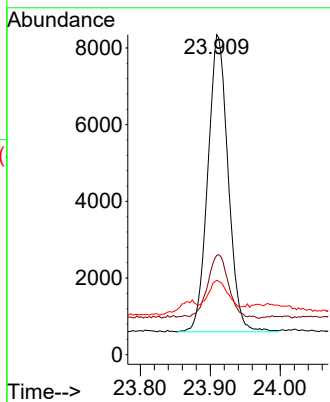
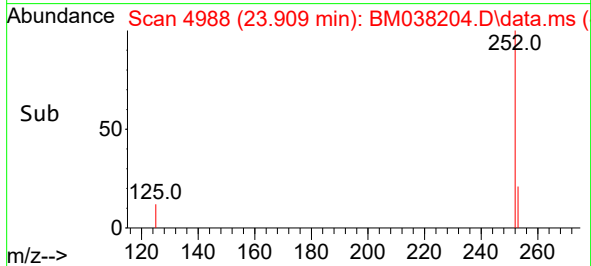


#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Instrument :
BNA_M
ClientSampleId :

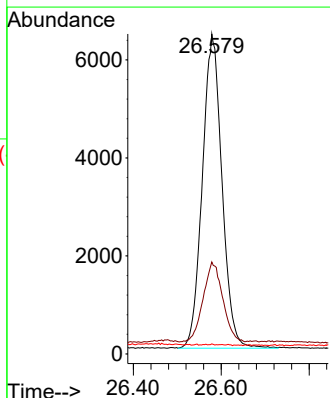
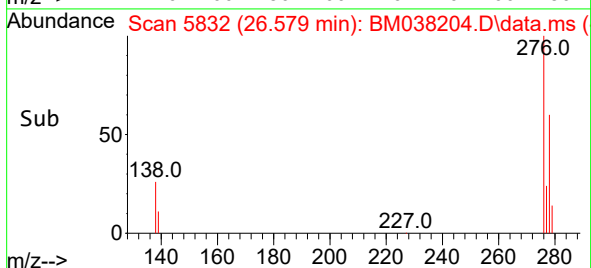
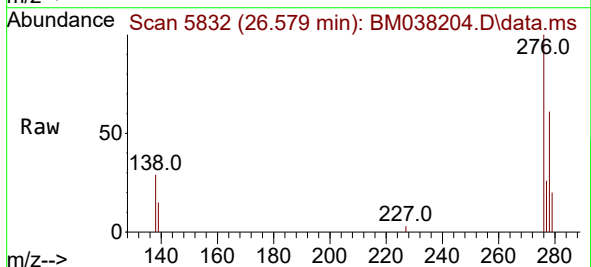


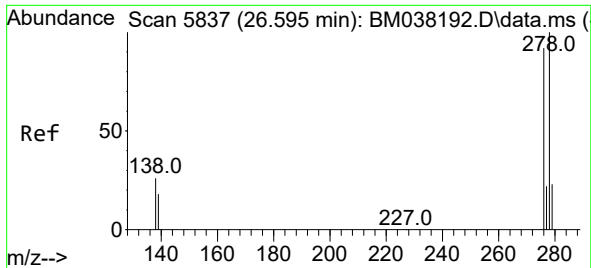
Tgt Ion:252 Resp: 15556
Ion Ratio Lower Upper
252 100
253 31.1 24.2 36.4
125 23.3 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038204.D
Acq: 22 Dec 2022 18:49

Tgt Ion:276 Resp: 19871
Ion Ratio Lower Upper
276 100
138 25.4 21.7 32.5
227 0.1 0.0 0.0#

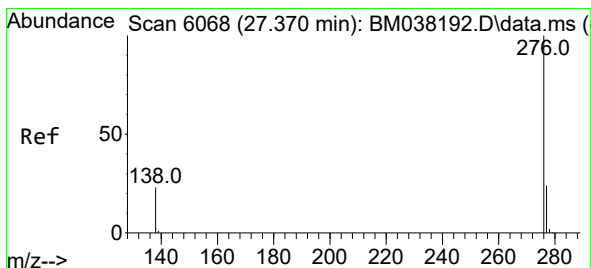
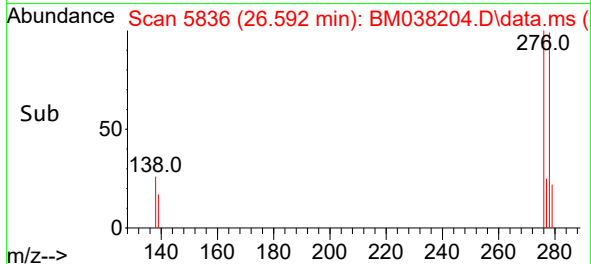
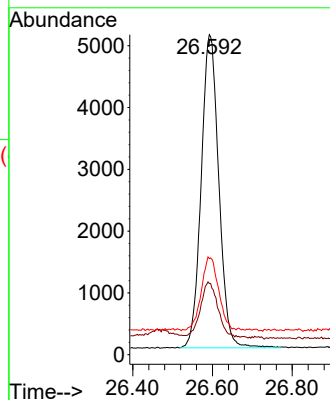
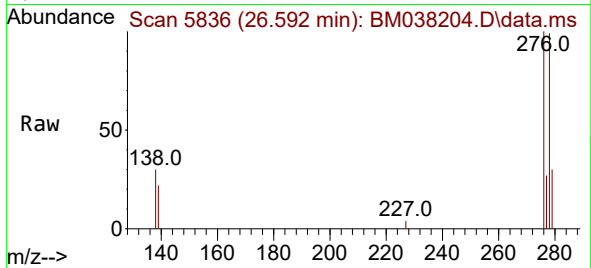




#28
 Dibenzo(a,h)anthracene
 Concen: 0.375 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038204.D
 Acq: 22 Dec 2022 18:49

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 15534
 Ion Ratio Lower Upper
 278 100
 139 22.2 16.8 25.2
 279 30.0 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.364 ng/ul
 RT: 27.373 min Scan# 6069
 Delta R.T. 0.003 min
 Lab File: BM038204.D
 Acq: 22 Dec 2022 18:49

Tgt Ion:276 Resp: 16311
 Ion Ratio Lower Upper
 276 100
 138 27.1 20.8 31.2
 277 26.3 20.5 30.7

