

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038202.D
 Acq On : 22 Dec 2022 17:35
 Operator : CG/JU
 Sample : N6009-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:48:28 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)

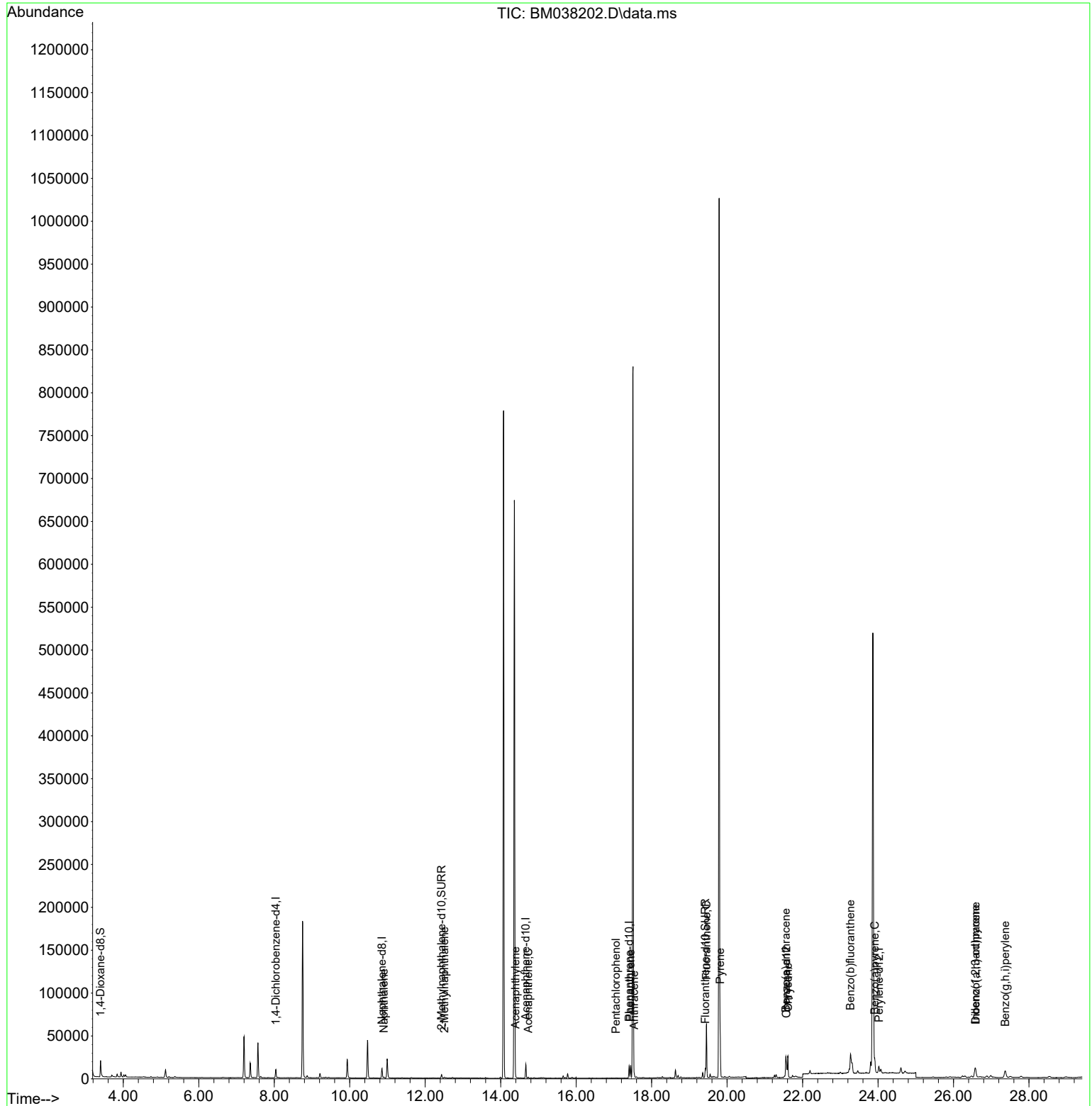
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4895	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	15033	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16913	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	11199	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	10791	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	13230	2.657	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5078	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11099	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1404	0.032	ng/ul#	84
7) 2-Methylnaphthalene	12.506	142	678	0.025	ng/ul	97
10) Acenaphthylene	14.393	152	1671	0.036	ng/ul#	84
11) Acenaphthene	14.731	153	671	0.020	ng/ul	92
14) Pentachlorophenol	17.058	266	180	0.021	ng/ul	88
15) Phenanthrene	17.447	178	14973	0.265	ng/ul	99
16) Anthracene	17.540	178	2851	0.052	ng/ul#	88
19) Fluoranthene	19.454	202	51638	0.842	ng/ul	98
20) Pyrene	19.817	202	44213	0.713	ng/ul	99
21) Benzo(a)anthracene	21.556	228	19468	0.396	ng/ul	96
22) Chrysene	21.612	228	25794	0.540	ng/ul	97
24) Benzo(b)fluoranthene	23.269	252	39248	0.822	ng/ul	99
26) Benzo(a)pyrene	23.912	252	22448	0.539	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.579	276	19624	0.340	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	4893	0.109	ng/ul#	63
29) Benzo(g,h,i)perylene	27.370	276	17908	0.368	ng/ul	99

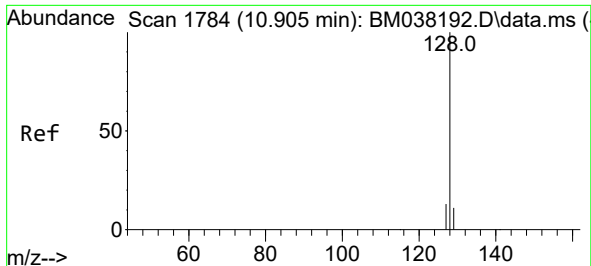
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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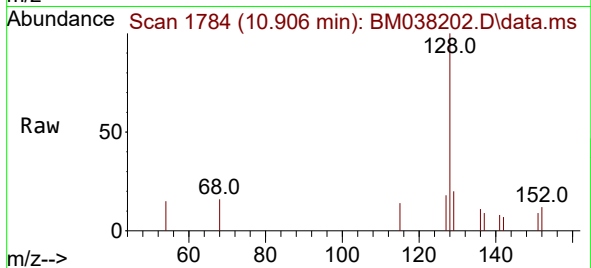
Quant Time: Dec 23 01:48:28 2022
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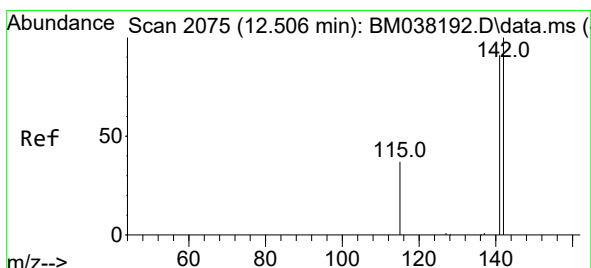
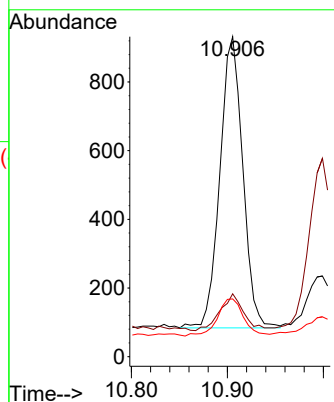
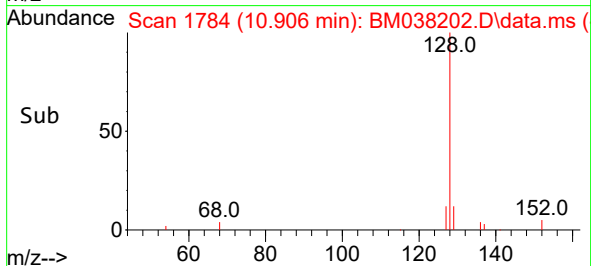


#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

Instrument :
BNA_M
ClientSampleId :

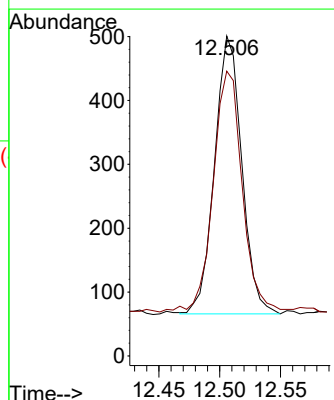
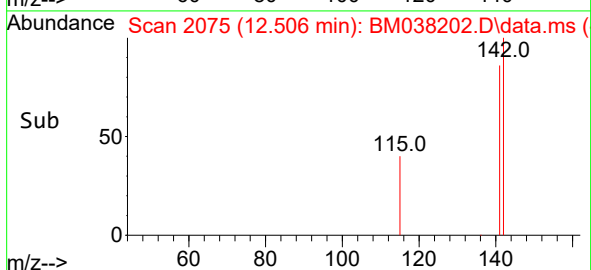
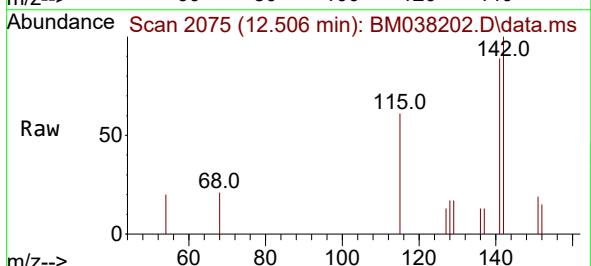


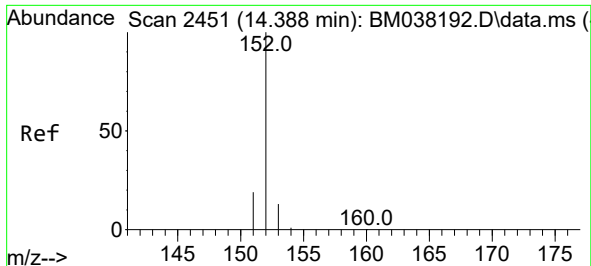
Tgt Ion:128 Resp: 1404
Ion Ratio Lower Upper
128 100
129 19.6 9.4 14.0#
127 18.0 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9

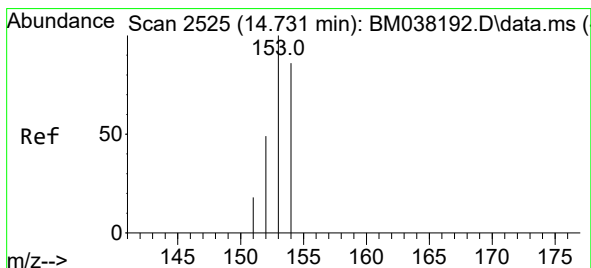
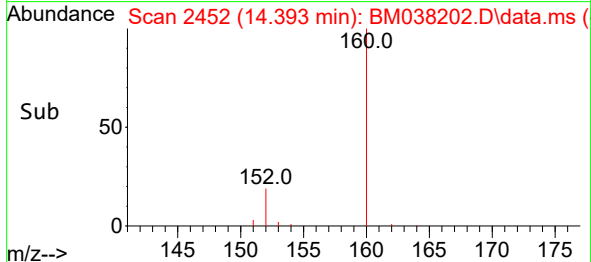
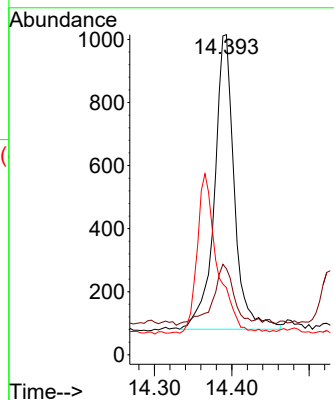
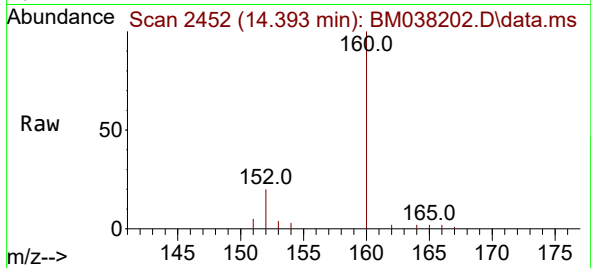




#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.393 min Scan# 2451
Delta R.T. 0.005 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

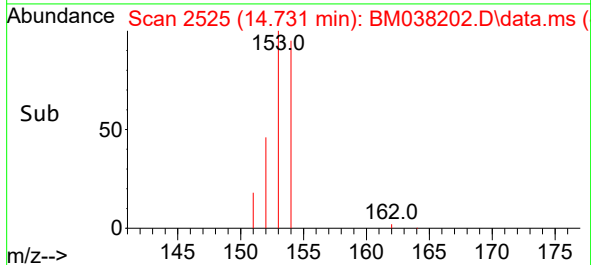
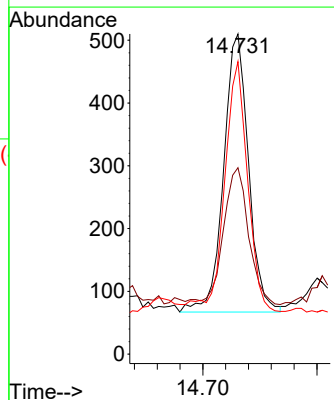
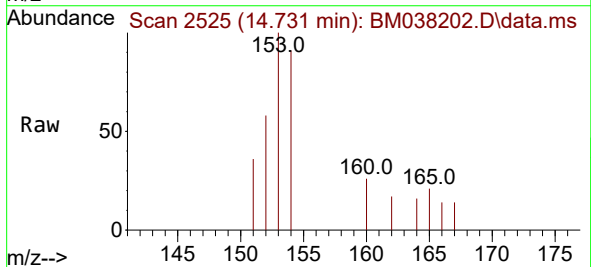
Instrument :
BNA_M
ClientSampleId :

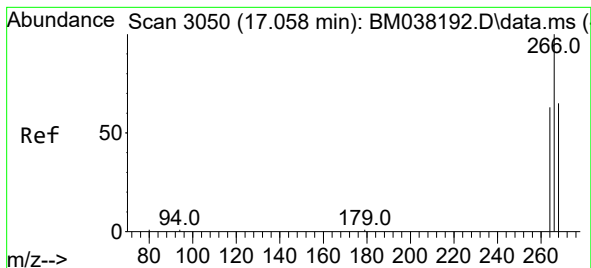
Tgt Ion:152 Resp: 1671
Ion Ratio Lower Upper
152 100
151 26.9 16.2 24.2#
153 21.0 10.7 16.1#



#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

Tgt Ion:153 Resp: 671
Ion Ratio Lower Upper
153 100
152 58.2 39.4 59.0
154 91.4 69.0 103.4





#14

Pentachlorophenol

Concen: 0.021 ng/ul

RT: 17.058 min Scan# 3050

Delta R.T. 0.000 min

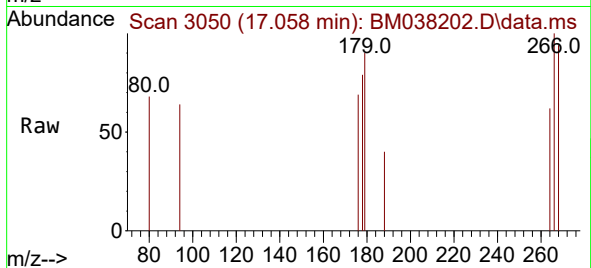
Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

Instrument :

BNA_M

ClientSampleId :



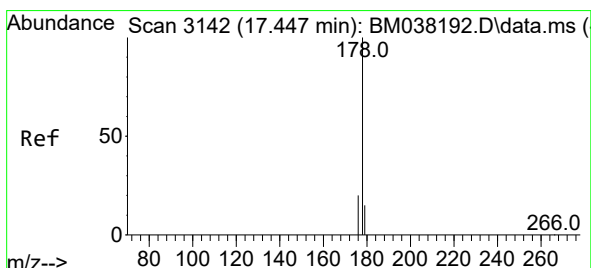
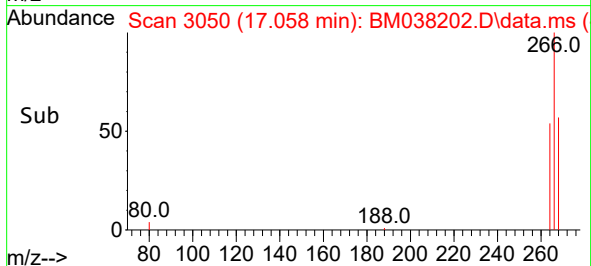
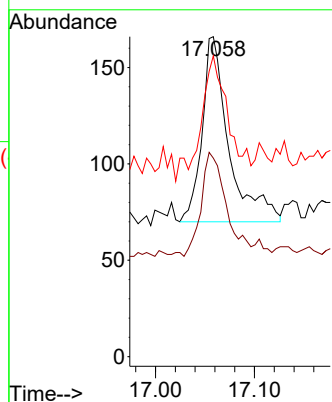
Tgt Ion:266 Resp: 180

Ion Ratio Lower Upper

266 100

264 55.0 49.9 74.9

268 52.8 51.2 76.8



#15

Phenanthrene

Concen: 0.265 ng/ul

RT: 17.447 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

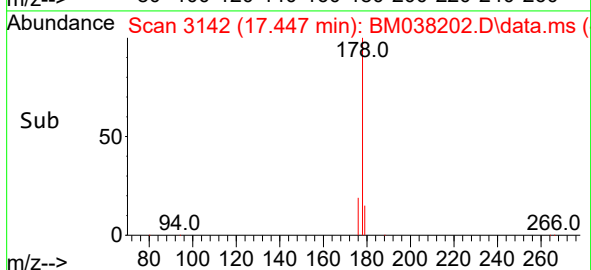
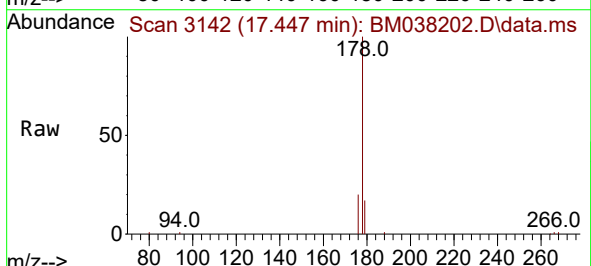
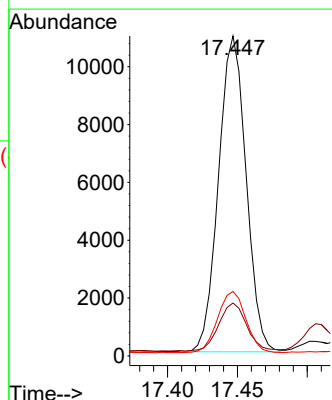
Tgt Ion:178 Resp: 14973

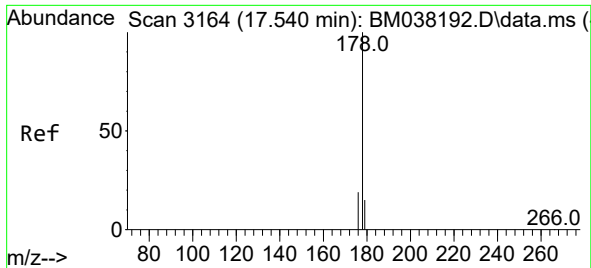
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

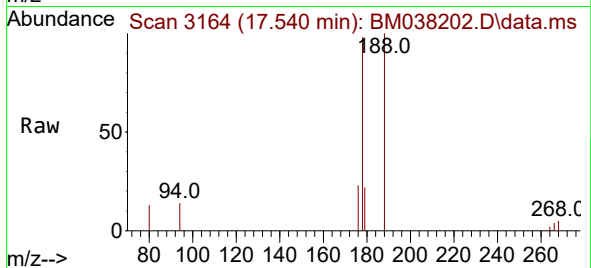
176 20.1 16.2 24.4



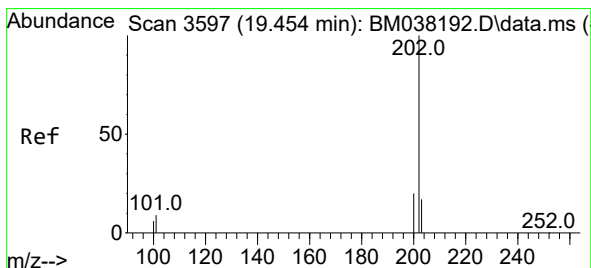
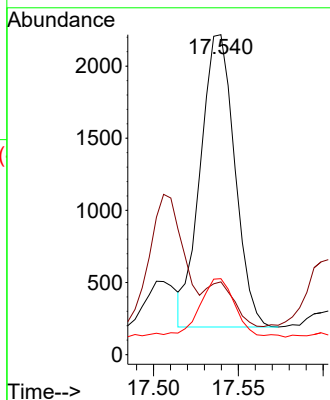
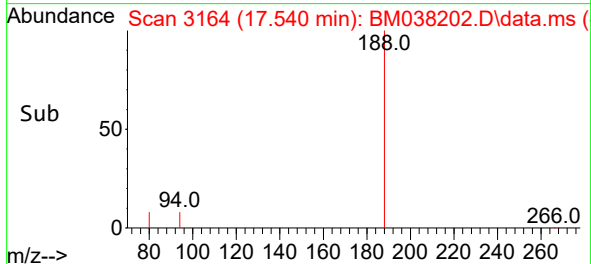


#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038202.D
 Acq: 22 Dec 2022 17:35

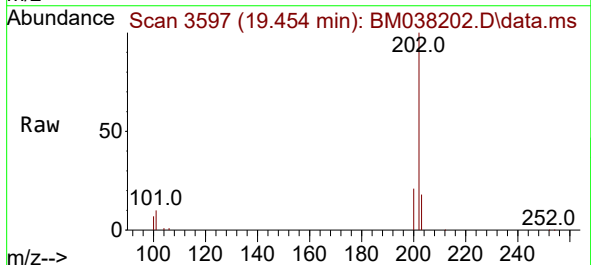
Instrument :
 BNA_M
 ClientSampleId :



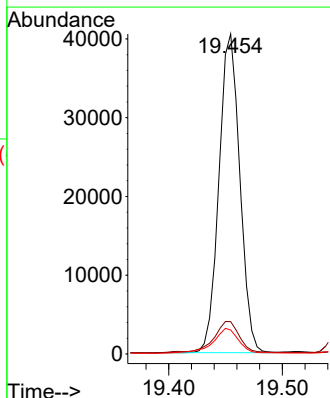
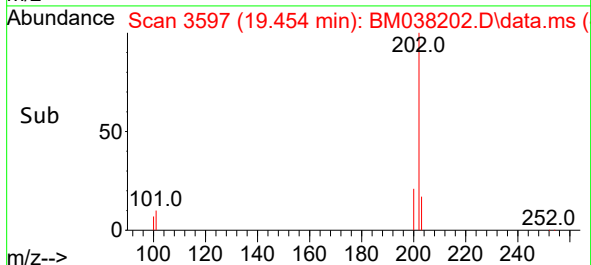
Tgt Ion:178 Resp: 2851
 Ion Ratio Lower Upper
 178 100
 179 22.7 13.0 19.6#
 176 23.7 15.6 23.4#

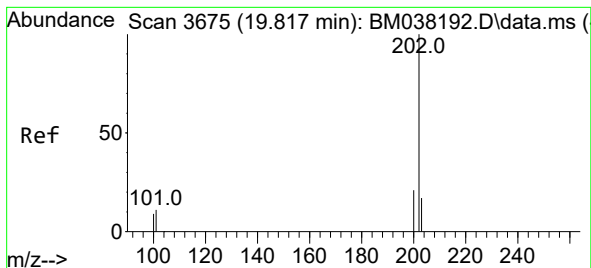


#19
 Fluoranthene
 Concen: 0.842 ng/ul
 RT: 19.454 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038202.D
 Acq: 22 Dec 2022 17:35



Tgt Ion:202 Resp: 51638
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.5 11.3
 100 7.5 5.6 8.4





#20

Pyrene

Concen: 0.713 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

Instrument :

BNA_M

ClientSampleId :

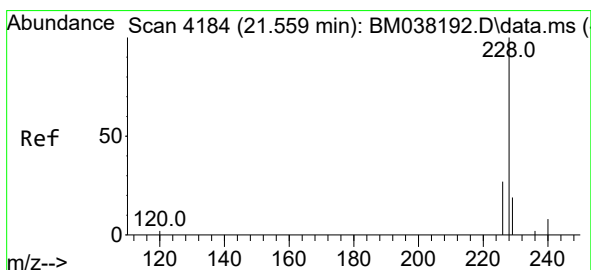
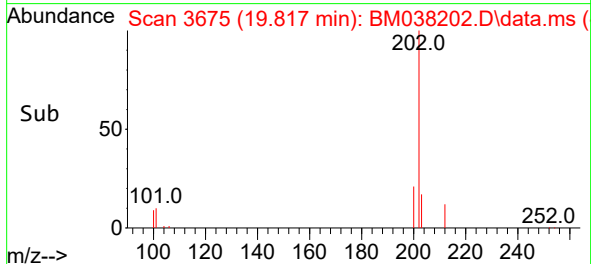
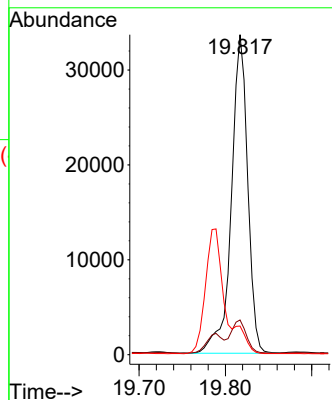
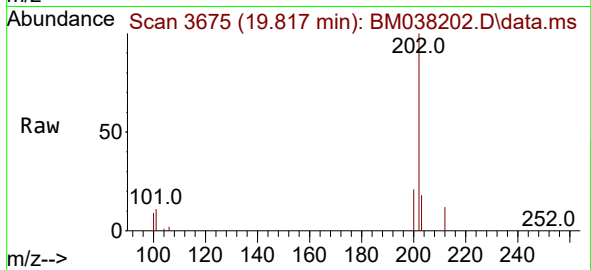
Tgt Ion:202 Resp: 44213

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

100 9.0 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.396 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

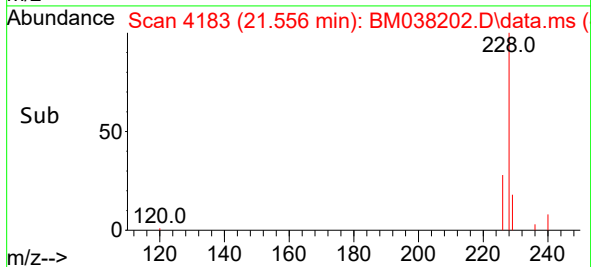
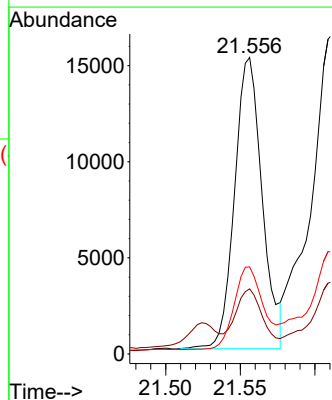
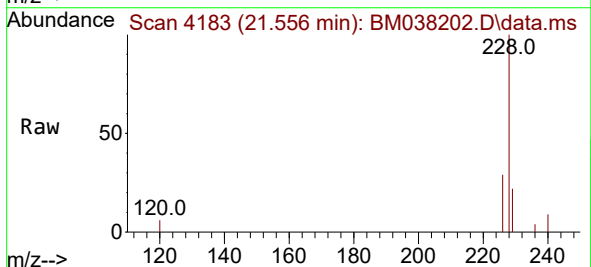
Tgt Ion:228 Resp: 19468

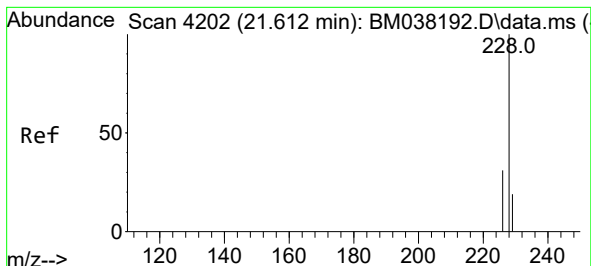
Ion Ratio Lower Upper

228 100

229 21.9 15.5 23.3

226 29.4 22.2 33.2





#22

Chrysene

Concen: 0.540 ng/ul

RT: 21.612 min Scan# 41

Delta R.T. 0.000 min

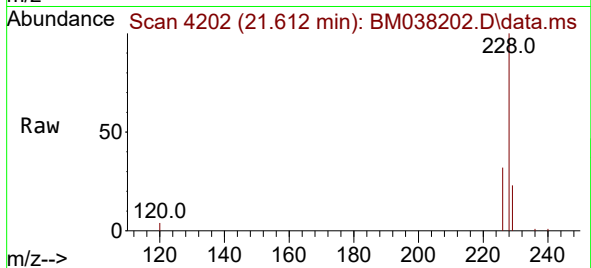
Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

Instrument :

BNA_M

ClientSampleId :



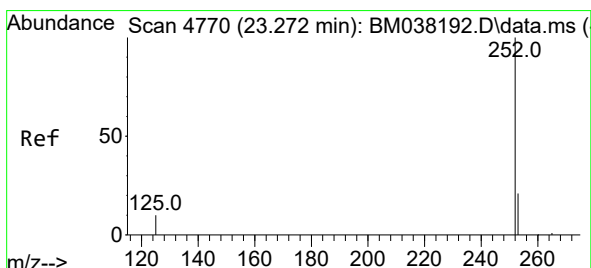
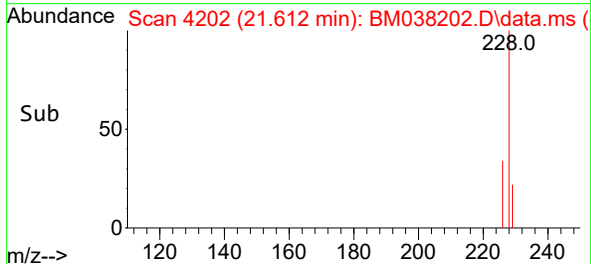
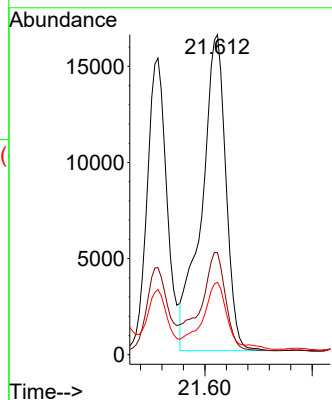
Tgt Ion:228 Resp: 25794

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.4

229 22.6 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.822 ng/ul

RT: 23.269 min Scan# 4769

Delta R.T. -0.003 min

Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

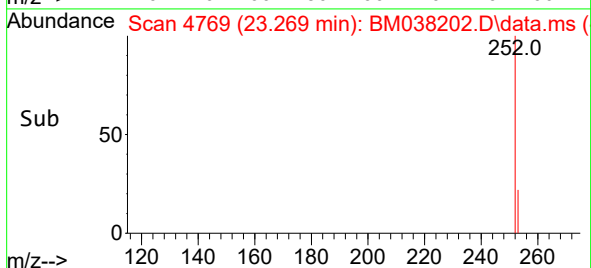
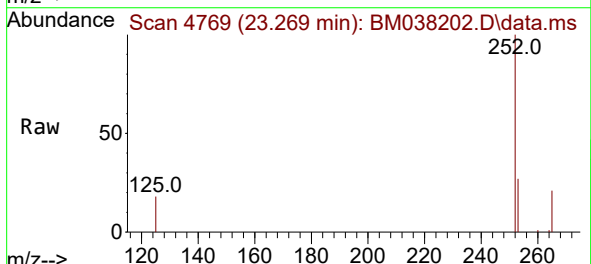
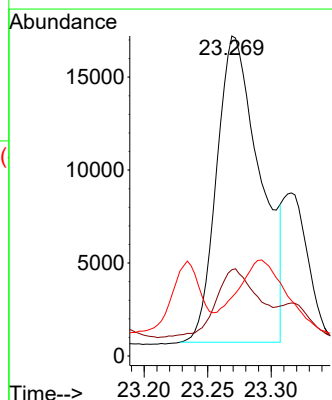
Tgt Ion:252 Resp: 39248

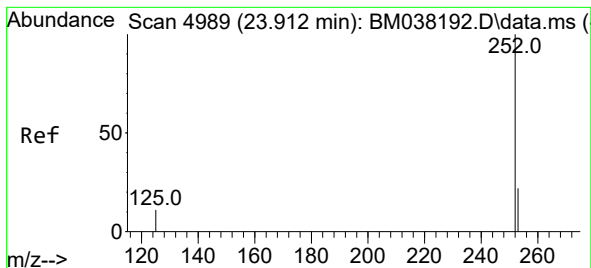
Ion Ratio Lower Upper

252 100

253 27.0 0.0 56.0

125 18.3 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.539 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

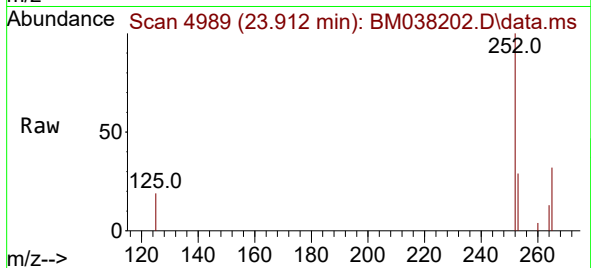
Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

Instrument :

BNA_M

ClientSampleId :



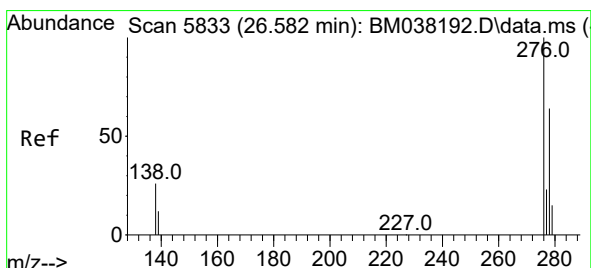
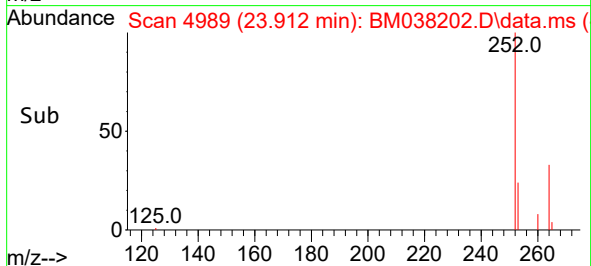
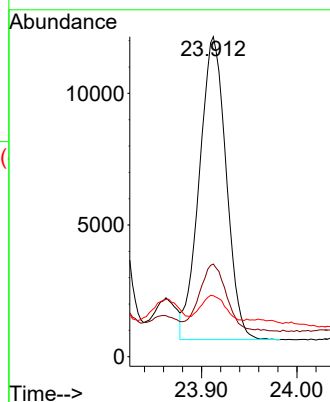
Tgt Ion:252 Resp: 22448

Ion Ratio Lower Upper

252 100

253 29.0 24.2 36.4

125 19.0 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038202.D

Acq: 22 Dec 2022 17:35

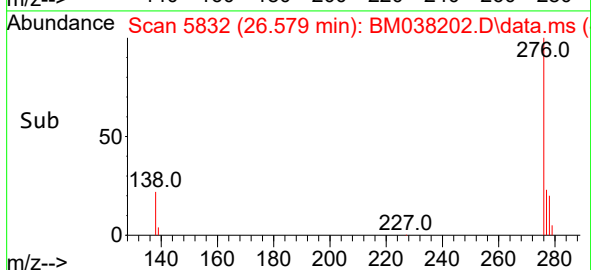
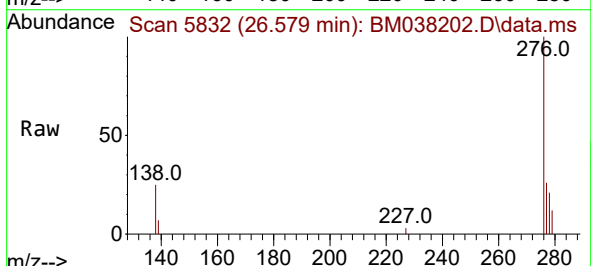
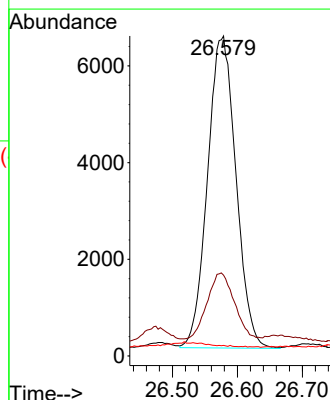
Tgt Ion:276 Resp: 19624

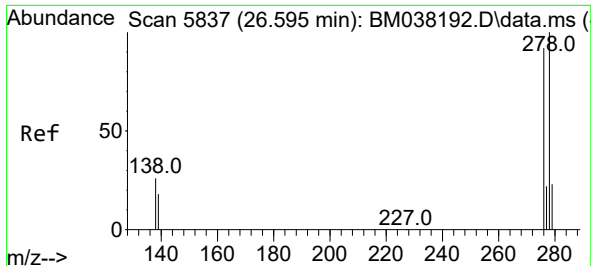
Ion Ratio Lower Upper

276 100

138 22.2 21.7 32.5

227 0.0 0.0 0.0

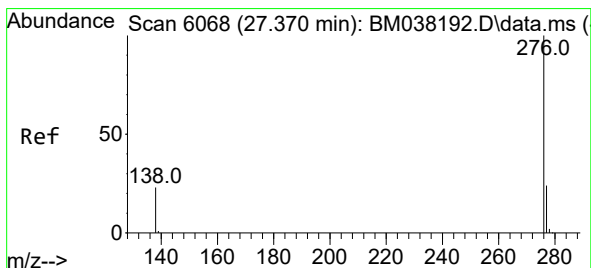
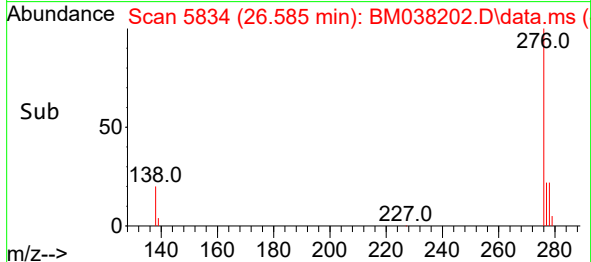
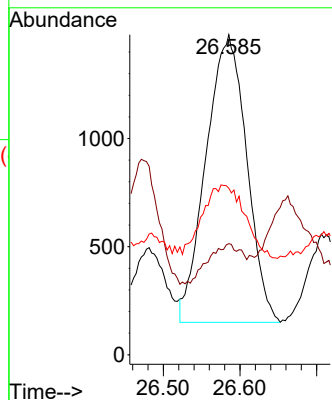
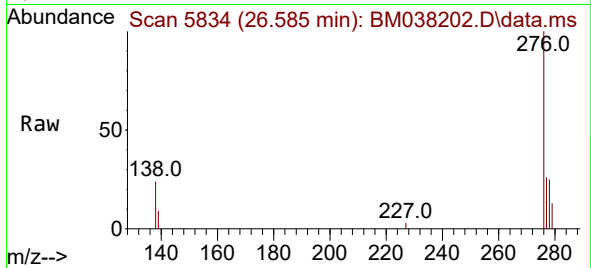




#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.010 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4893
Ion Ratio Lower Upper
278 100
139 34.7 16.8 25.2#
279 52.0 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038202.D
Acq: 22 Dec 2022 17:35

Tgt Ion:276 Resp: 17908
Ion Ratio Lower Upper
276 100
138 26.9 20.8 31.2
277 25.8 20.5 30.7

