

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038206.D
 Acq On : 22 Dec 2022 20:04
 Operator : CG/JU
 Sample : N6009-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ5

Quant Time: Dec 23 01:49:02 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)

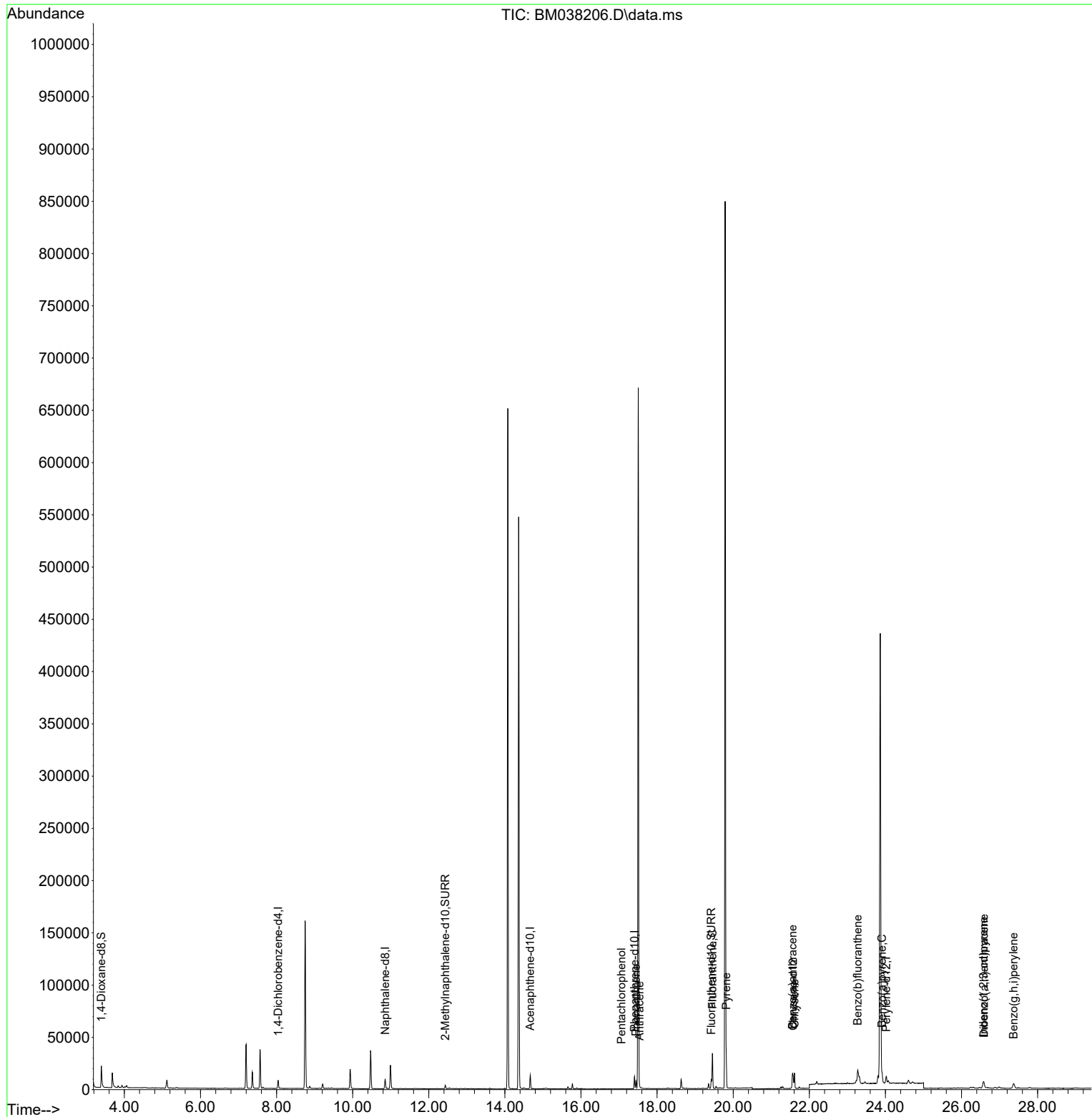
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	12214	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6896	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13820	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9192	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	9116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	14194	3.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	4135	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8823	0.256	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.063	266	185	0.027	ng/ul	91
15) Phenanthrene	17.447	178	7416	0.160	ng/ul	98
16) Anthracene	17.540	178	1256	0.028	ng/ul#	78
19) Fluoranthene	19.454	202	28368	0.563	ng/ul	99
20) Pyrene	19.817	202	25686	0.505	ng/ul	100
21) Benzo(a)anthracene	21.556	228	10889	0.270	ng/ul	96
22) Chrysene	21.609	228	14925	0.380	ng/ul	97
24) Benzo(b)fluoranthene	23.272	252	21799	0.540	ng/ul	96
26) Benzo(a)pyrene	23.912	252	12629	0.359	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.579	276	11500	0.236	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.589	278	2801	0.074	ng/ul#	43
29) Benzo(g,h,i)perylene	27.370	276	10473	0.255	ng/ul	97

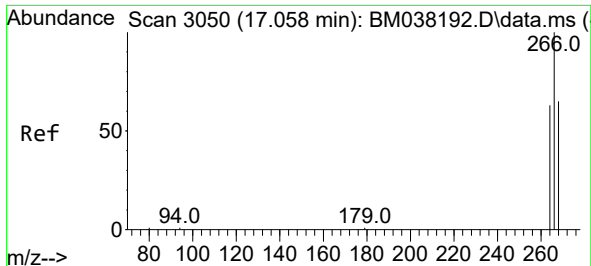
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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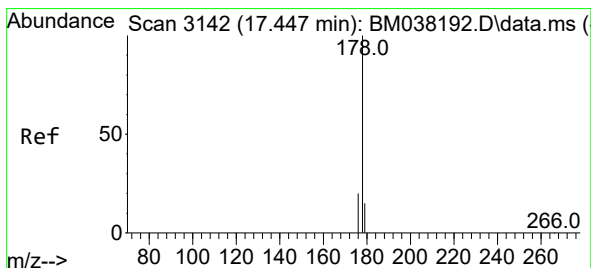
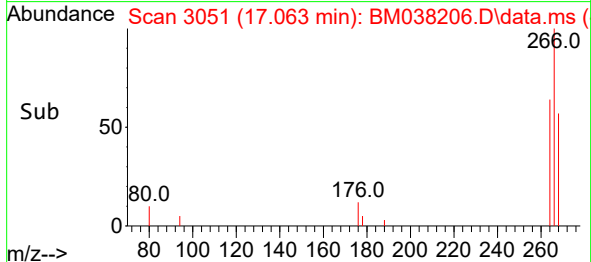
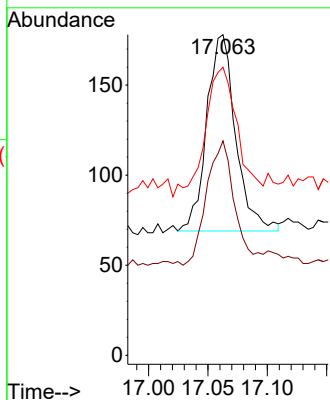
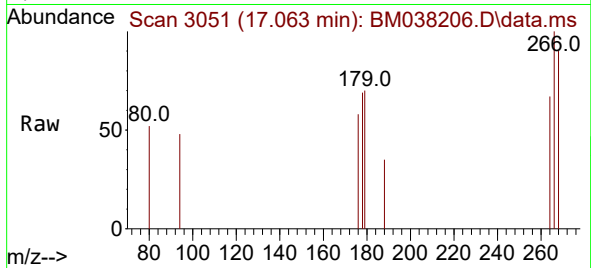




#14
 Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 17.063 min Scan# 3051
 Delta R.T. 0.004 min
 Lab File: BM038206.D
 Acq: 22 Dec 2022 20:04

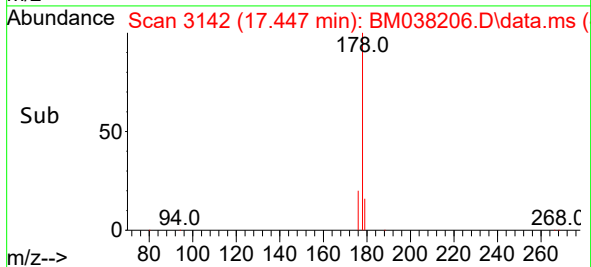
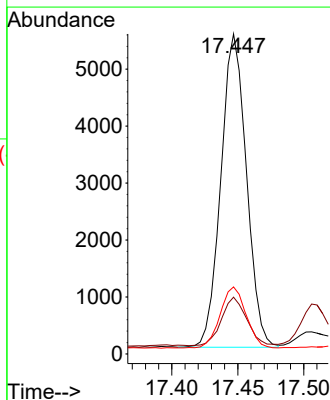
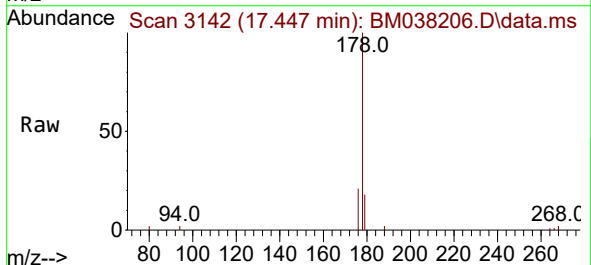
Instrument :
 BNA_M
 ClientSampleId :
 DBYJ5

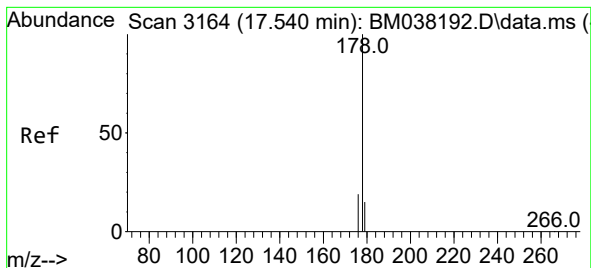
Tgt Ion:266 Resp: 185
 Ion Ratio Lower Upper
 266 100
 264 67.0 49.9 74.9
 268 73.5 51.2 76.8



#15
 Phenanthrene
 Concen: 0.160 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038206.D
 Acq: 22 Dec 2022 20:04

Tgt Ion:178 Resp: 7416
 Ion Ratio Lower Upper
 178 100
 179 17.7 13.0 19.4
 176 21.0 16.2 24.4





#16

Anthracene

Concen: 0.028 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

Instrument :

BNA_M

ClientSampleId :

DBYJ5

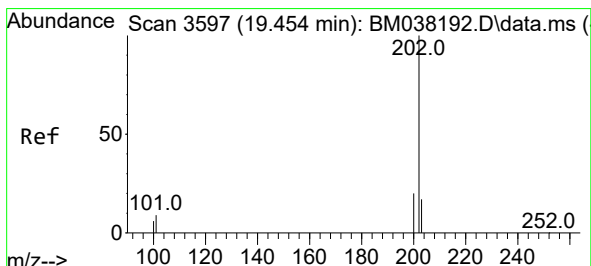
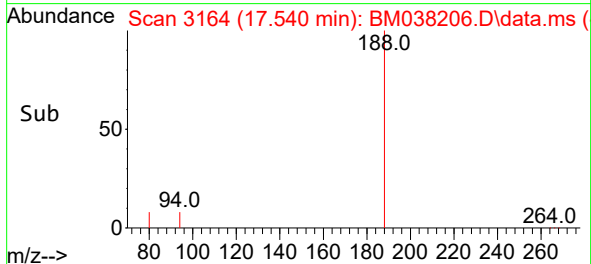
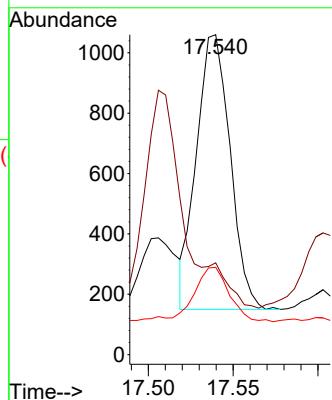
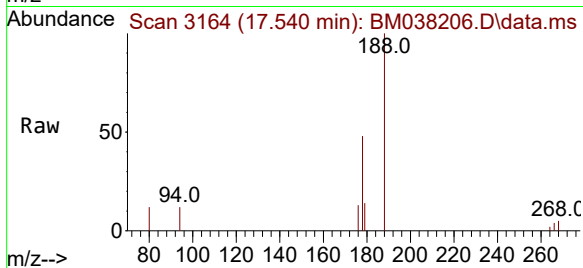
Tgt Ion:178 Resp: 1256

Ion Ratio Lower Upper

178 100

179 28.7 13.0 19.6#

176 27.3 15.6 23.4#



#19

Fluoranthene

Concen: 0.563 ng/ul

RT: 19.454 min Scan# 3597

Delta R.T. 0.000 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

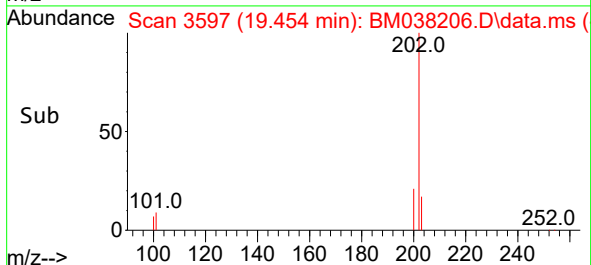
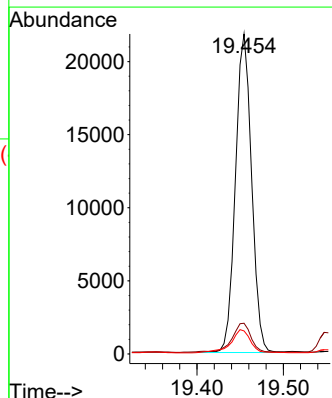
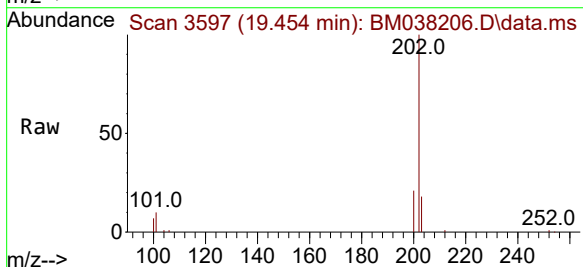
Tgt Ion:202 Resp: 28368

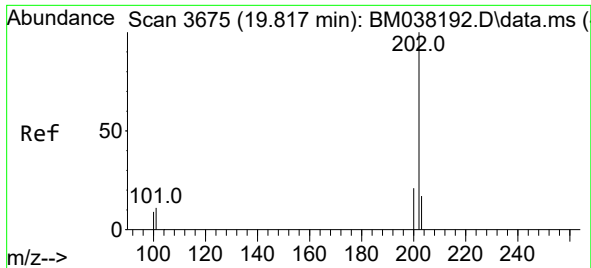
Ion Ratio Lower Upper

202 100

101 9.6 7.5 11.3

100 7.2 5.6 8.4

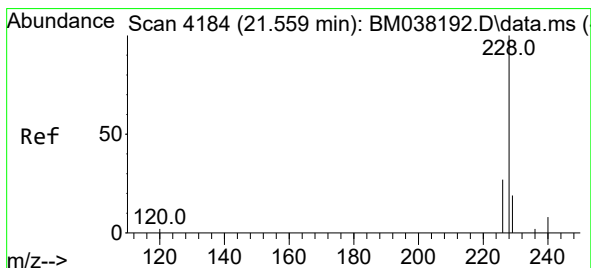
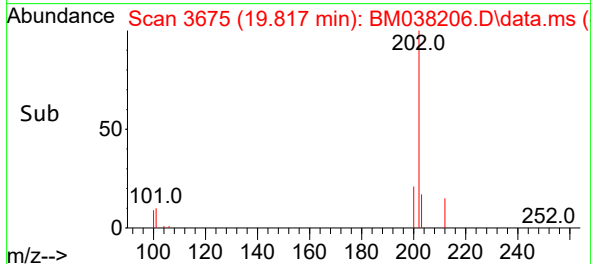
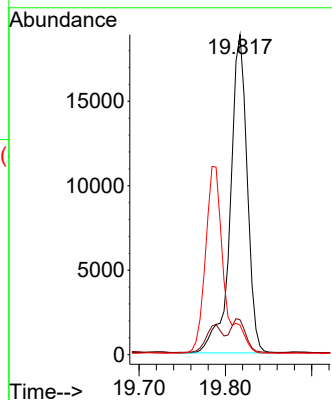
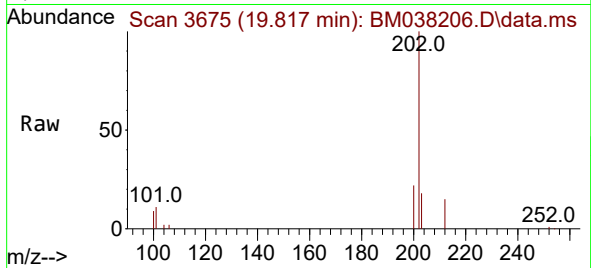




#20
Pyrene
Concen: 0.505 ng/ul
RT: 19.817 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038206.D
Acq: 22 Dec 2022 20:04

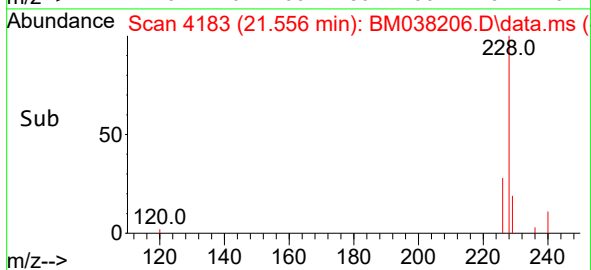
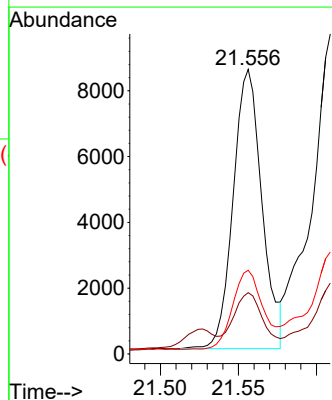
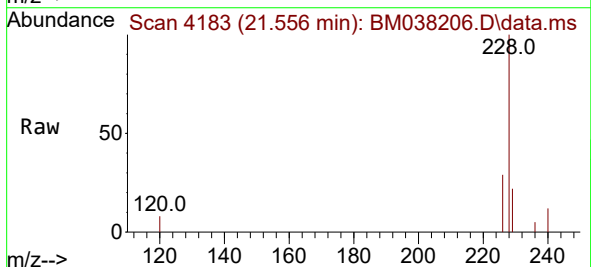
Instrument :
BNA_M
ClientSampleId :
DBYJ5

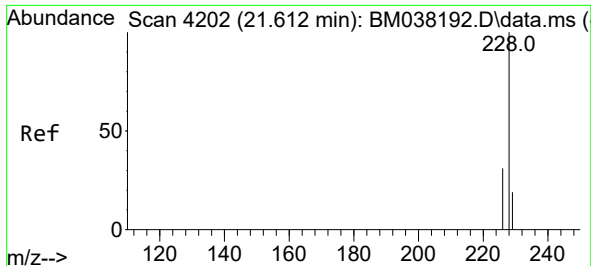
Tgt Ion:202 Resp: 25686
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 9.2 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038206.D
Acq: 22 Dec 2022 20:04

Tgt Ion:228 Resp: 10889
Ion Ratio Lower Upper
228 100
229 21.5 15.5 23.3
226 29.4 22.2 33.2





#22

Chrysene

Concen: 0.380 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

Instrument :

BNA_M

ClientSampleId :

DBYJ5

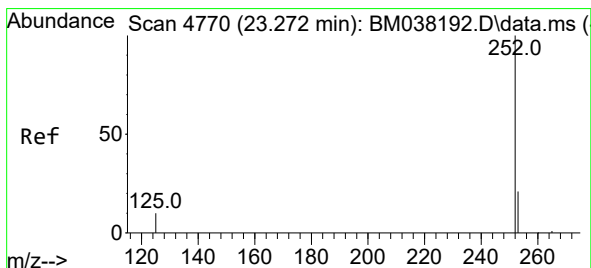
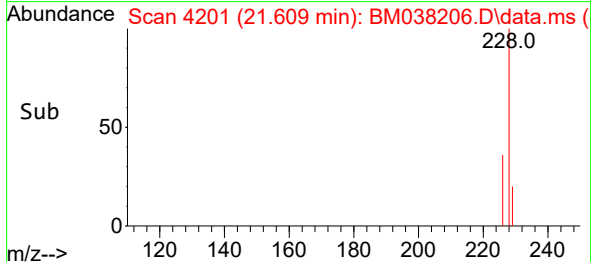
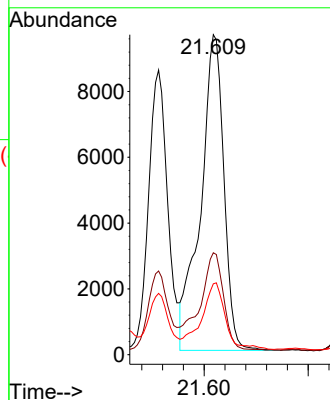
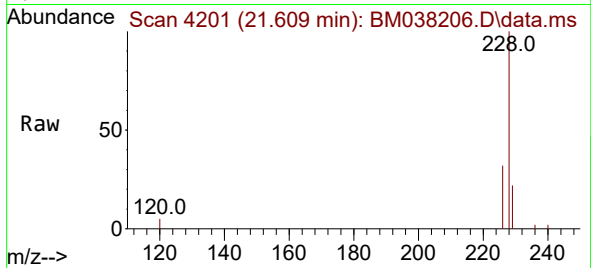
Tgt Ion:228 Resp: 14925

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.4

229 22.2 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.540 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

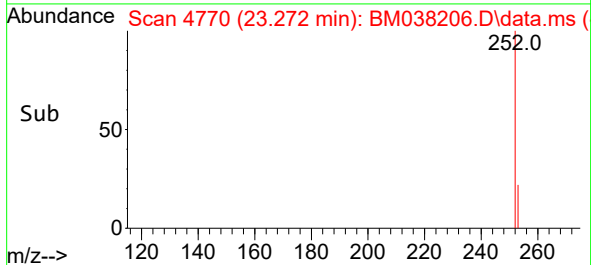
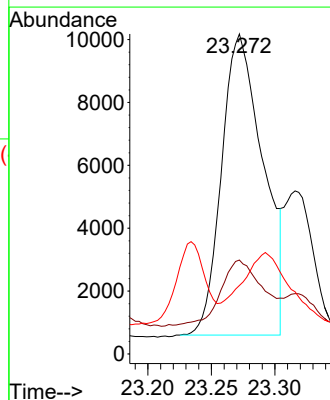
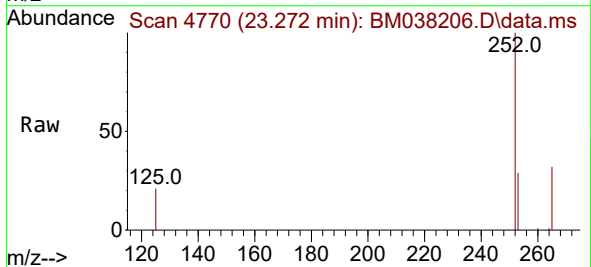
Tgt Ion:252 Resp: 21799

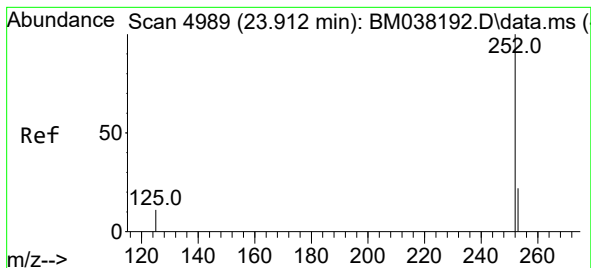
Ion Ratio Lower Upper

252 100

253 29.4 0.0 56.0

125 21.4 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

Instrument :

BNA_M

ClientSampleId :

DBYJ5

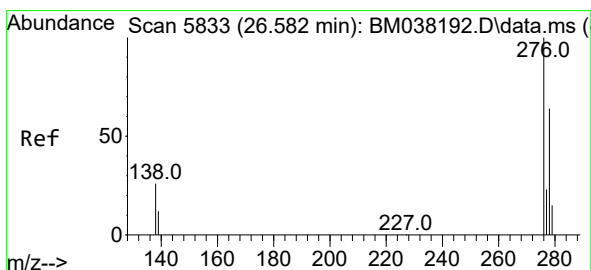
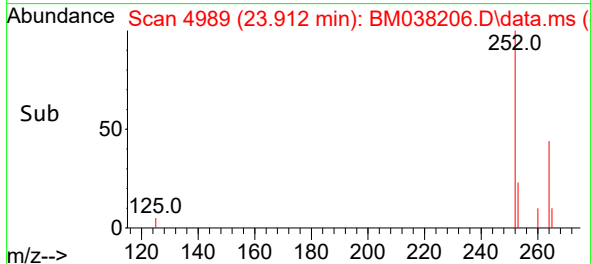
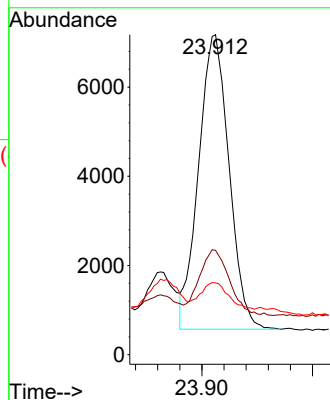
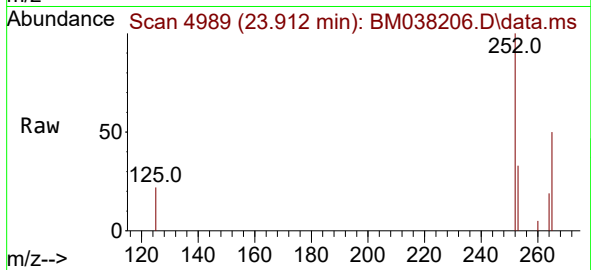
Tgt Ion:252 Resp: 12629

Ion Ratio Lower Upper

252 100

253 32.6 24.2 36.4

125 22.5 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.236 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038206.D

Acq: 22 Dec 2022 20:04

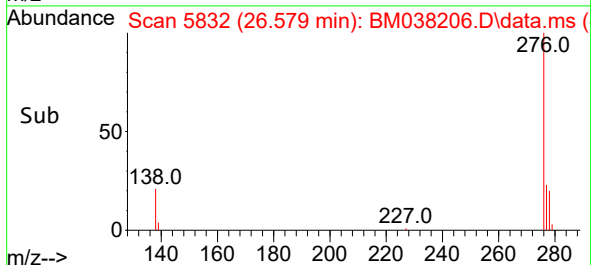
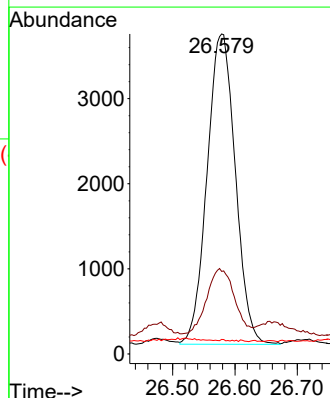
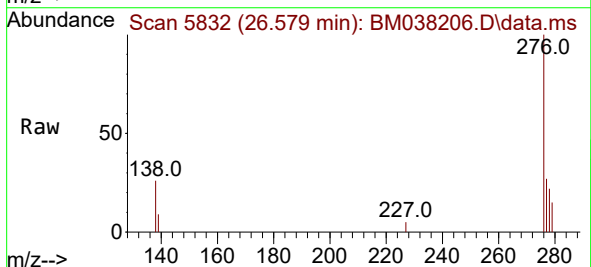
Tgt Ion:276 Resp: 11500

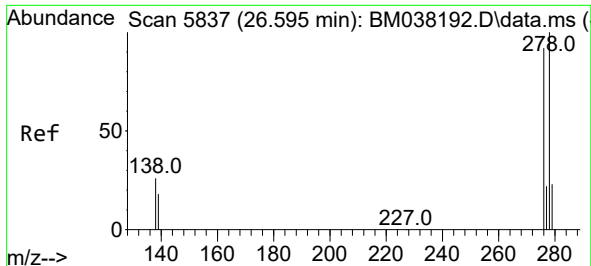
Ion Ratio Lower Upper

276 100

138 22.1 21.7 32.5

227 0.1 0.0 0.0#

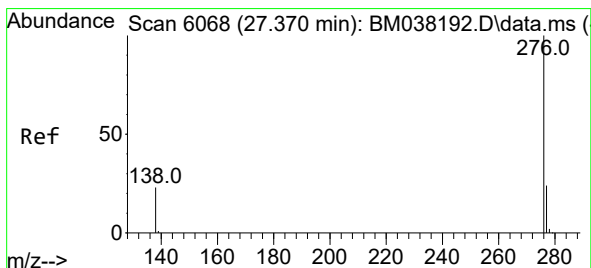
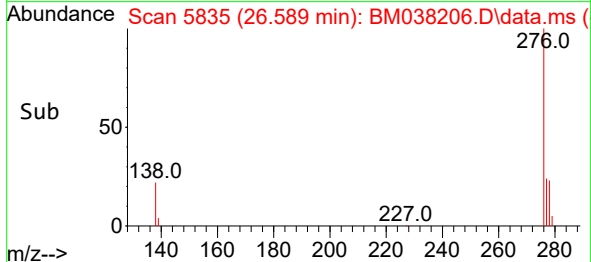
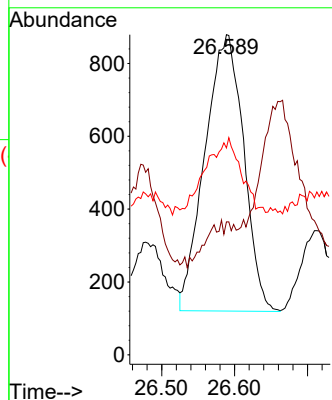
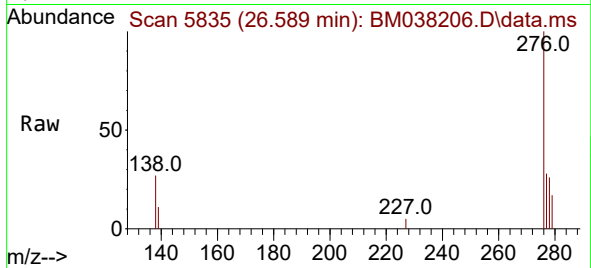




#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BM038206.D
Acq: 22 Dec 2022 20:04

Instrument :
BNA_M
ClientSampleId :
DBYJ5

Tgt Ion:278 Resp: 2801
Ion Ratio Lower Upper
278 100
139 41.5 16.8 25.2#
279 64.6 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038206.D
Acq: 22 Dec 2022 20:04

Tgt Ion:276 Resp: 10473
Ion Ratio Lower Upper
276 100
138 27.3 20.8 31.2
277 27.0 20.5 30.7

