

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038277.D
 Acq On : 24 Dec 2022 19:08
 Operator : CG/JU
 Sample : N6016-01
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:57:07 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

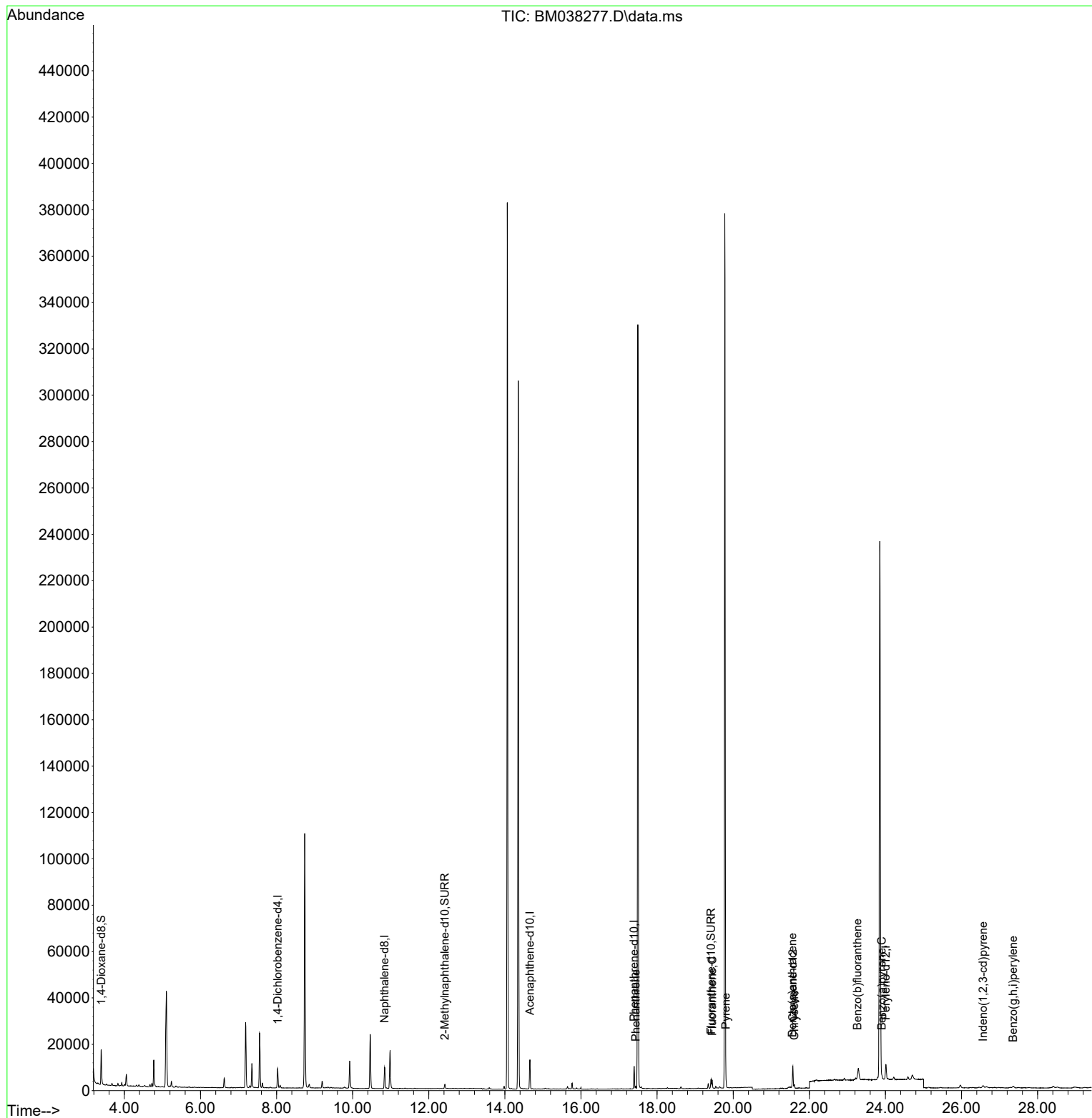
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4185	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	12136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11624	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8090	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8561	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	8809	2.069	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2434	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	4059	0.134	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.438	178	1201	0.031	ng/ul#	83
19) Fluoranthene	19.445	202	2959	0.067	ng/ul#	86
20) Pyrene	19.808	202	3381	0.075	ng/ul#	90
21) Benzo(a)anthracene	21.550	228	1426	0.040	ng/ul#	81
22) Chrysene	21.606	228	1763	0.051	ng/ul#	85
24) Benzo(b)fluoranthene	23.266	252	2980	0.079	ng/ul#	1
26) Benzo(a)pyrene	23.903	252	1947	0.059	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.565	276	1711	0.037	ng/ul#	96
29) Benzo(g,h,i)perylene	27.357	276	1709	0.044	ng/ul#	60

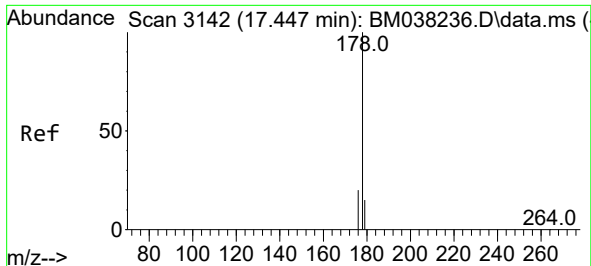
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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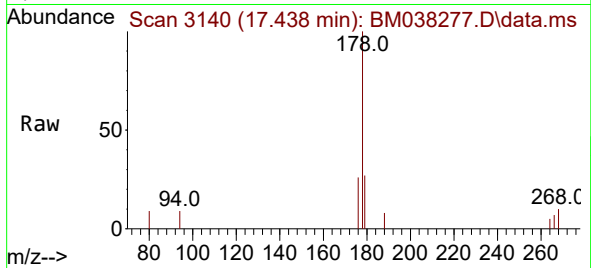
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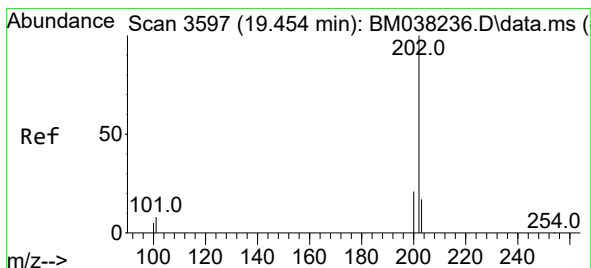
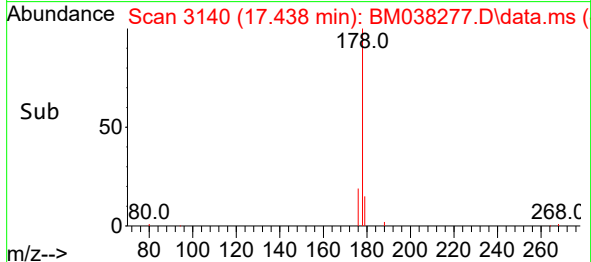
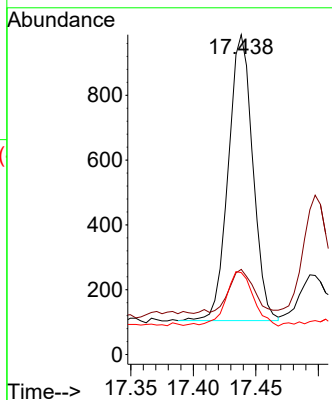


#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038277.D
Acq: 24 Dec 2022 19:08

Instrument :
BNA_M
ClientSampleId :

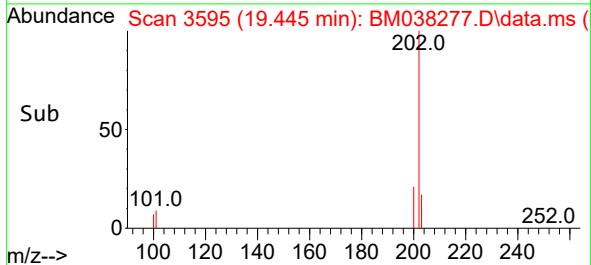
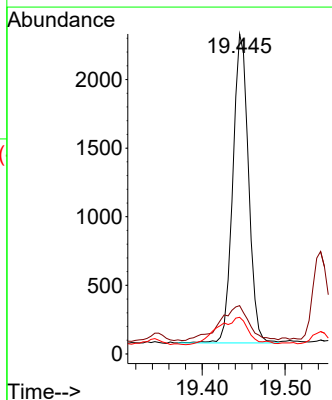
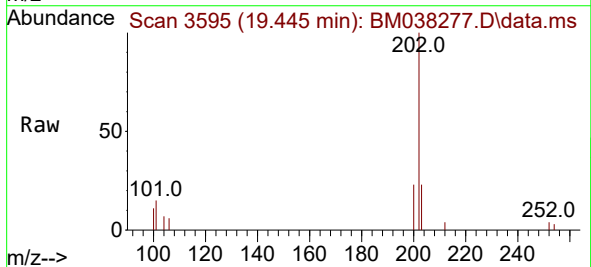


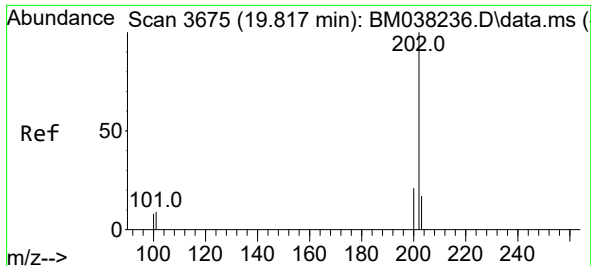
Tgt Ion:178 Resp: 1201
Ion Ratio Lower Upper
178 100
179 26.6 13.0 19.4#
176 25.6 16.2 24.4#



#19
Fluoranthene
Concen: 0.067 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038277.D
Acq: 24 Dec 2022 19:08

Tgt Ion:202 Resp: 2959
Ion Ratio Lower Upper
202 100
101 15.1 7.5 11.3#
100 11.4 5.6 8.4#

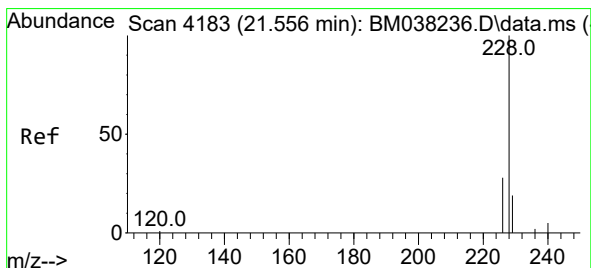
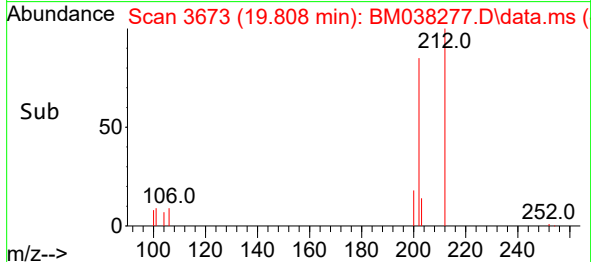
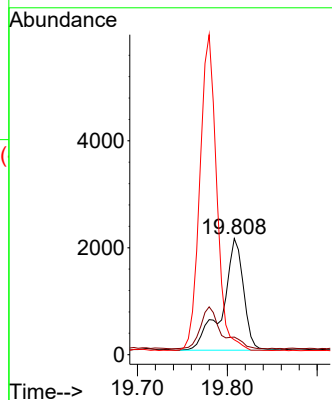
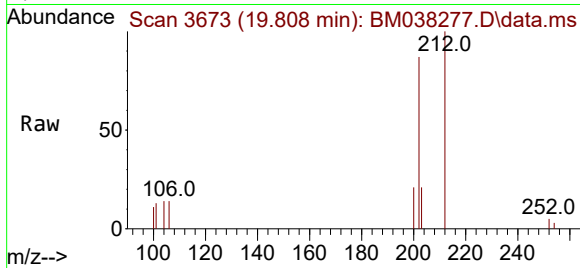




#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038277.D
Acq: 24 Dec 2022 19:08

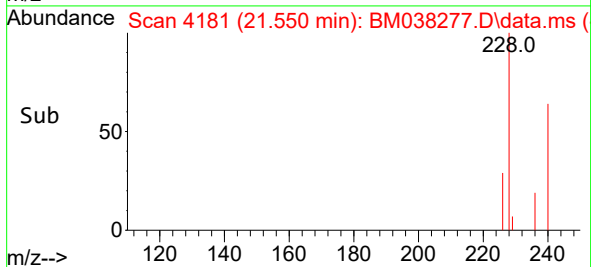
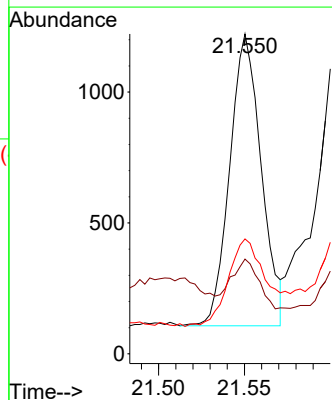
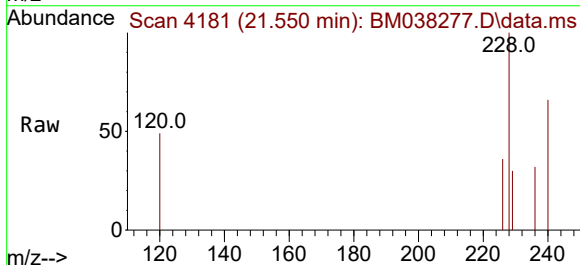
Instrument :
BNA_M
ClientSampleId :

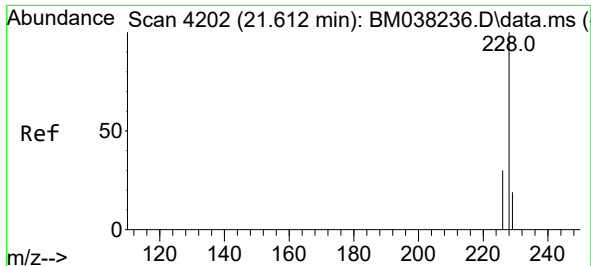
Tgt Ion:202 Resp: 3381
Ion Ratio Lower Upper
202 100
101 15.1 8.9 13.3#
100 12.8 7.4 11.0#



#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038277.D
Acq: 24 Dec 2022 19:08

Tgt Ion:228 Resp: 1426
Ion Ratio Lower Upper
228 100
229 29.6 15.5 23.3#
226 35.9 22.2 33.2#





#22

Chrysene

Concen: 0.051 ng/ul

RT: 21.606 min Scan# 41

Delta R.T. 0.000 min

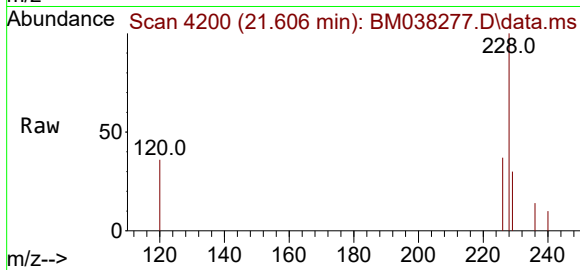
Lab File: BM038277.D

Acq: 24 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



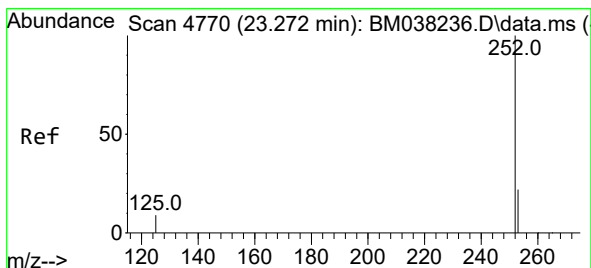
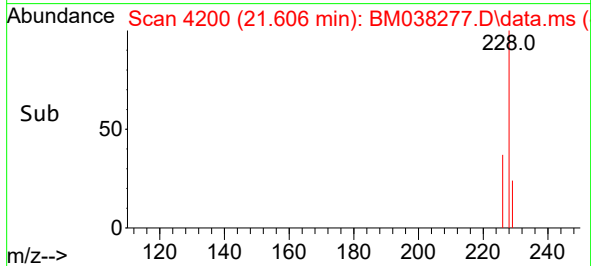
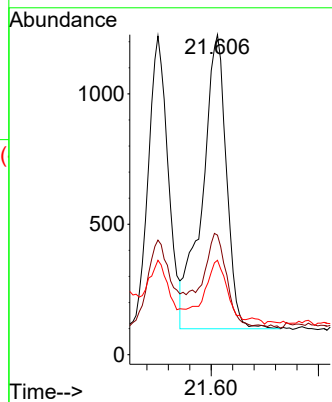
Tgt Ion:228 Resp: 1763

Ion Ratio Lower Upper

228 100

226 37.3 25.0 37.4

229 29.5 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.079 ng/ul

RT: 23.266 min Scan# 4768

Delta R.T. 0.000 min

Lab File: BM038277.D

Acq: 24 Dec 2022 19:08

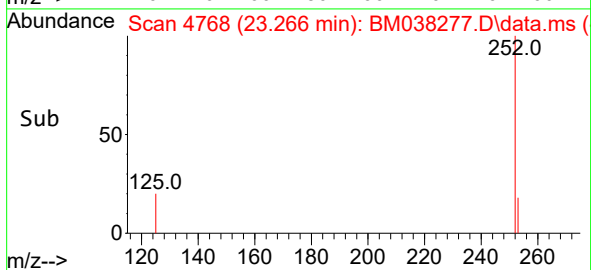
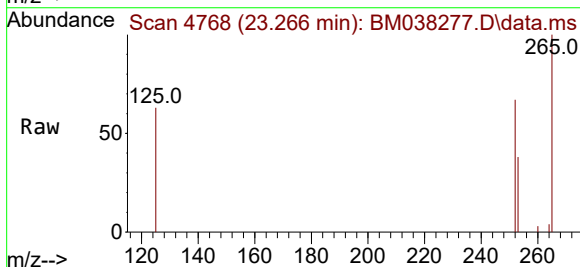
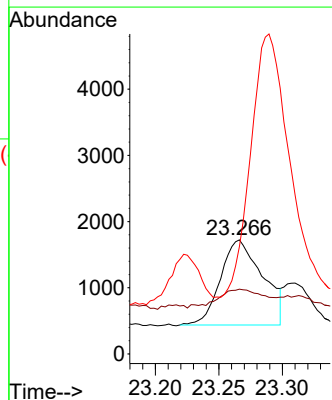
Tgt Ion:252 Resp: 2980

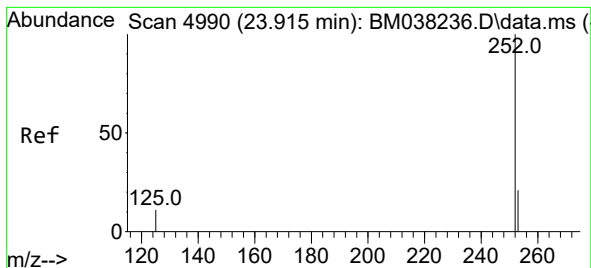
Ion Ratio Lower Upper

252 100

253 56.8 0.0 56.0#

125 94.1 0.0 36.6#





#26

Benzo(a)pyrene

Concen: 0.059 ng/ul

RT: 23.903 min Scan# 4986

Delta R.T. -0.003 min

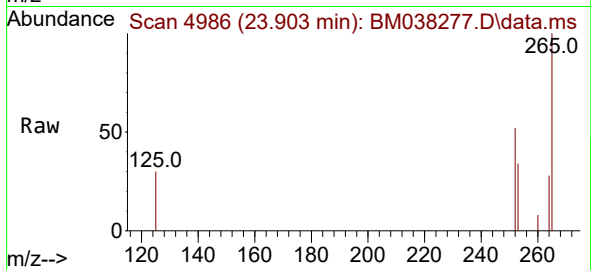
Lab File: BM038277.D

Acq: 24 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



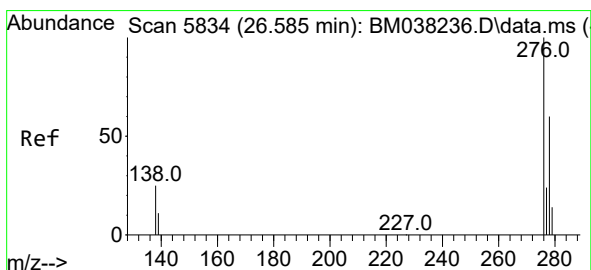
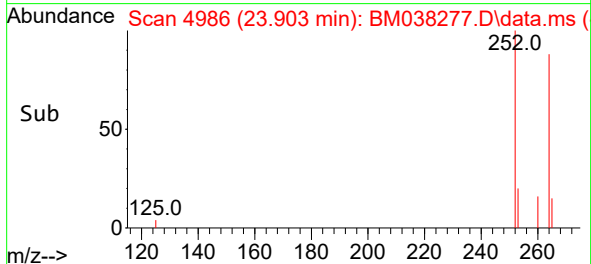
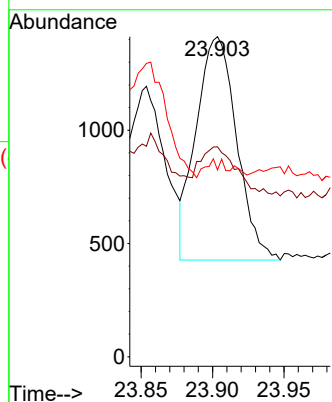
Tgt Ion:252 Resp: 1947

Ion Ratio Lower Upper

252 100

253 65.6 24.2 36.4#

125 58.4 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng/ul

RT: 26.565 min Scan# 5828

Delta R.T. -0.003 min

Lab File: BM038277.D

Acq: 24 Dec 2022 19:08

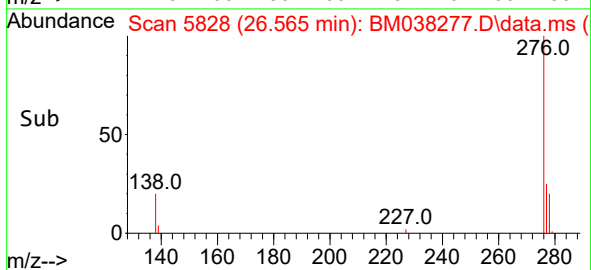
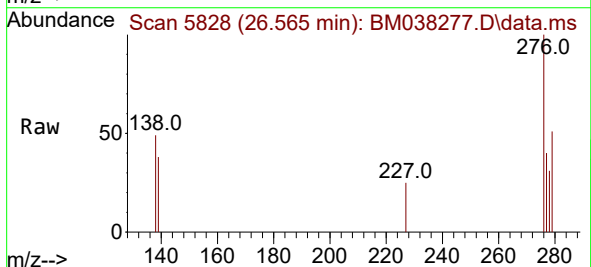
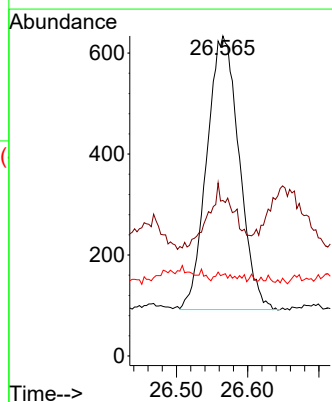
Tgt Ion:276 Resp: 1711

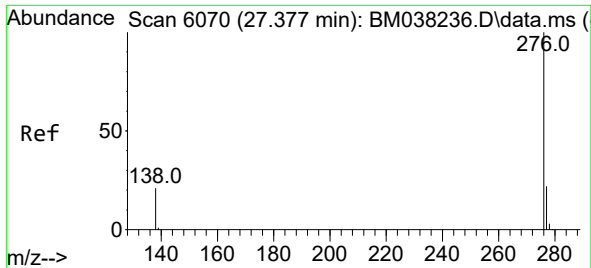
Ion Ratio Lower Upper

276 100

138 25.2 21.7 32.5

227 1.2 0.0 0.0#





#29

Benzo(g,h,i)perylene

Concen: 0.044 ng/ul

RT: 27.357 min Scan# 60

Delta R.T. -0.003 min

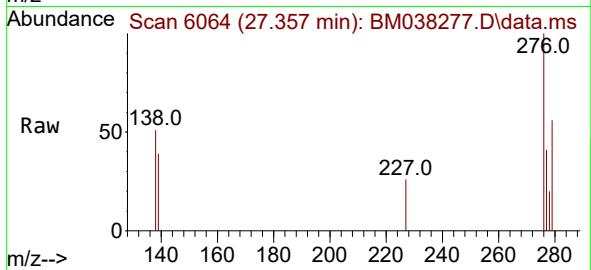
Lab File: BM038277.D

Acq: 24 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 1709

Ion Ratio Lower Upper

276 100

138 50.9 20.8 31.2#

277 41.1 20.5 30.7#

