

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038227.D
 Acq On : 23 Dec 2022 11:06
 Operator : CG/JU
 Sample : N6014-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:22:41 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)

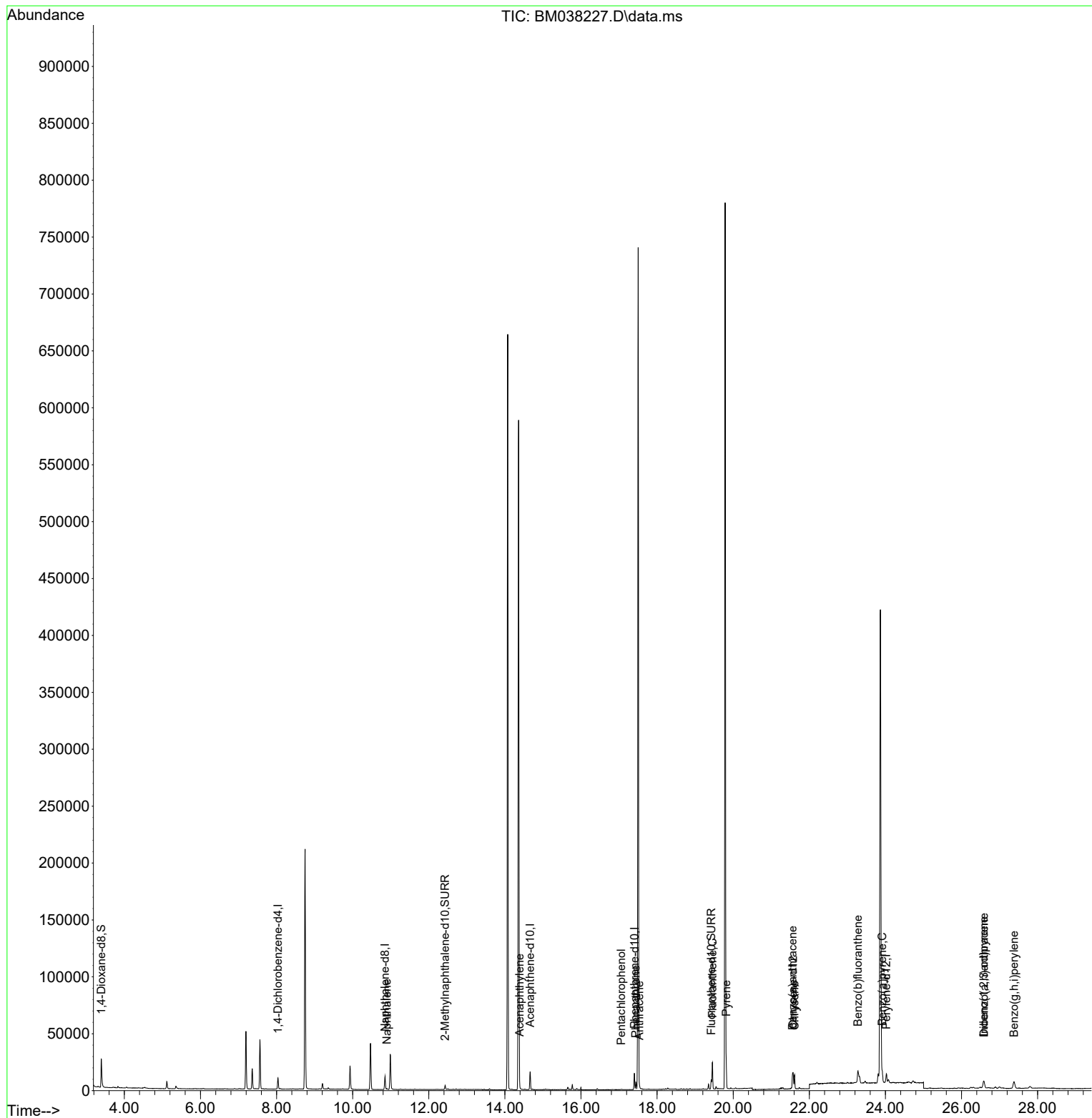
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	4966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	15029	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8298	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16730	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	10561	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	10693	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	16793	3.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4618	0.209	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8364	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	926	0.021	ng/ul#	76
10) Acenaphthylene	14.389	152	1329	0.029	ng/ul#	74
14) Pentachlorophenol	17.059	266	212	0.025	ng/ul	91
15) Phenanthrene	17.443	178	6614	0.118	ng/ul	96
16) Anthracene	17.536	178	1602	0.030	ng/ul#	81
19) Fluoranthene	19.455	202	19605	0.339	ng/ul#	95
20) Pyrene	19.817	202	19369	0.331	ng/ul	99
21) Benzo(a)anthracene	21.557	228	9765	0.211	ng/ul	93
22) Chrysene	21.612	228	12437	0.276	ng/ul	96
24) Benzo(b)fluoranthene	23.278	252	18158	0.384	ng/ul	87
26) Benzo(a)pyrene	23.915	252	13524	0.327	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.582	276	11037	0.193	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.592	278	2976	0.067	ng/ul#	18
29) Benzo(g,h,i)perylene	27.380	276	13551	0.281	ng/ul	95

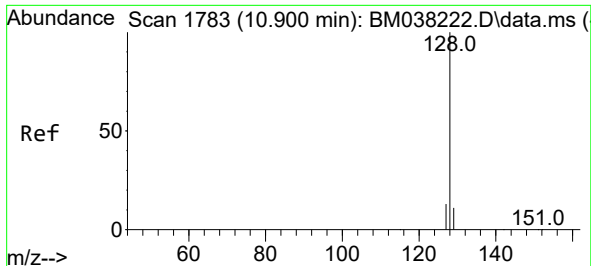
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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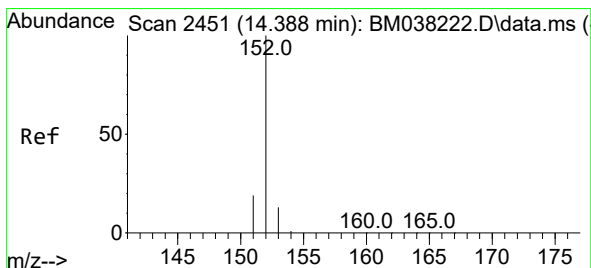
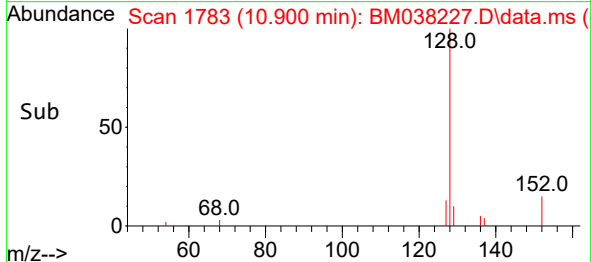
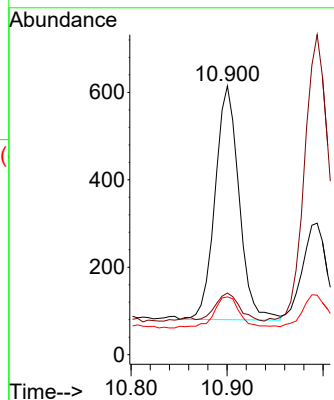
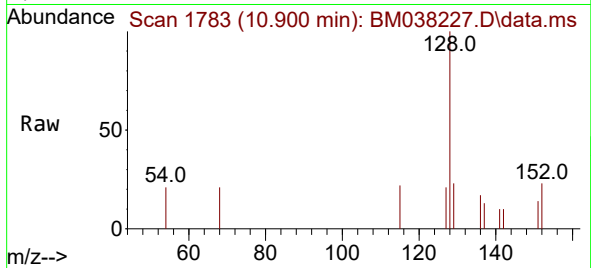




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038227.D
Acq: 23 Dec 2022 11:06

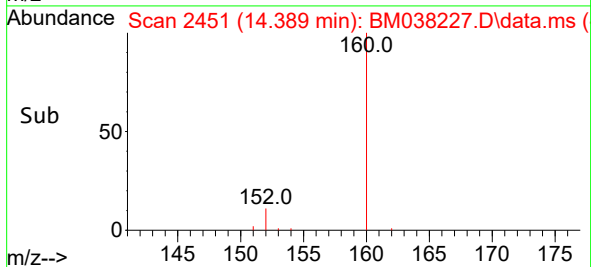
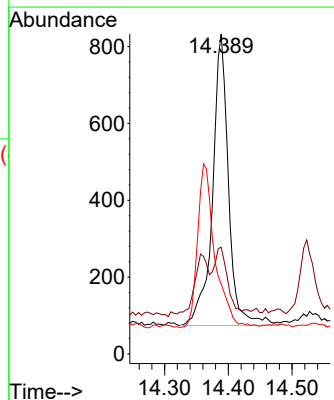
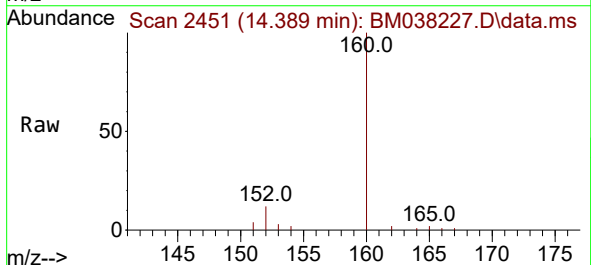
Instrument :
BNA_M
ClientSampleId :

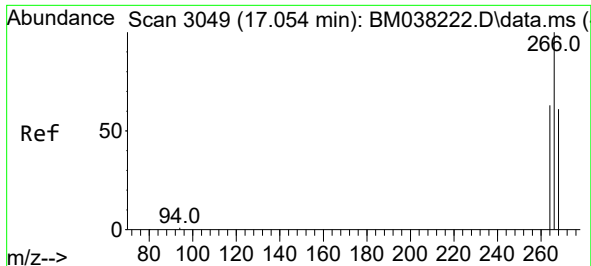
Tgt Ion:128 Resp: 926
Ion Ratio Lower Upper
128 100
129 22.9 9.4 14.0#
127 21.5 10.7 16.1#



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038227.D
Acq: 23 Dec 2022 11:06

Tgt Ion:152 Resp: 1329
Ion Ratio Lower Upper
152 100
151 33.4 16.2 24.2#
153 21.8 10.7 16.1#

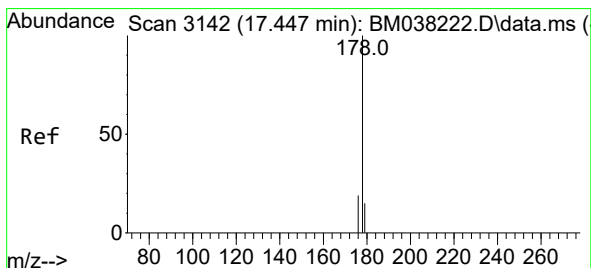
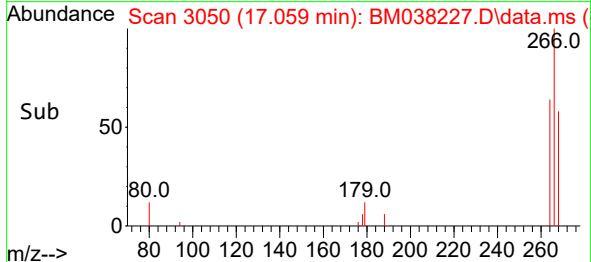
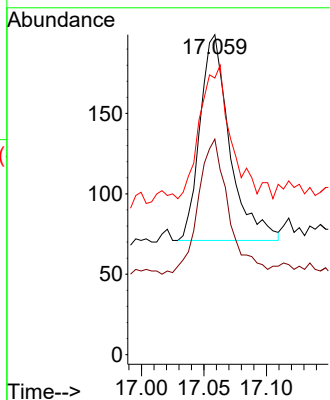
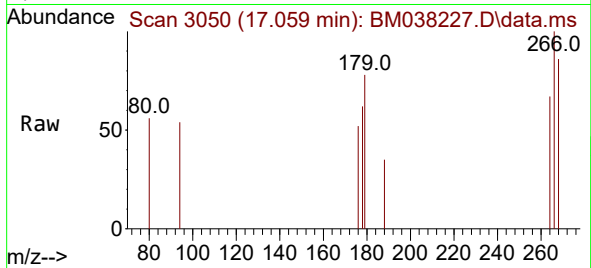




#14
 Pentachlorophenol
 Concen: 0.025 ng/ul
 RT: 17.059 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

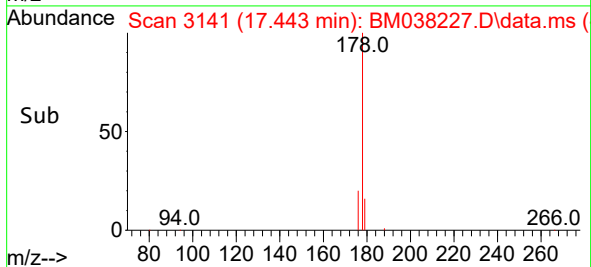
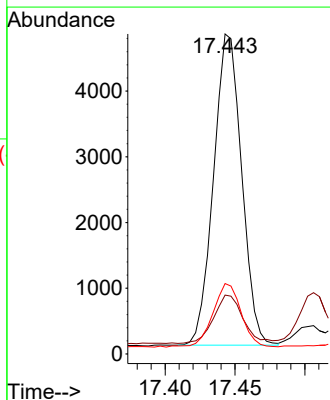
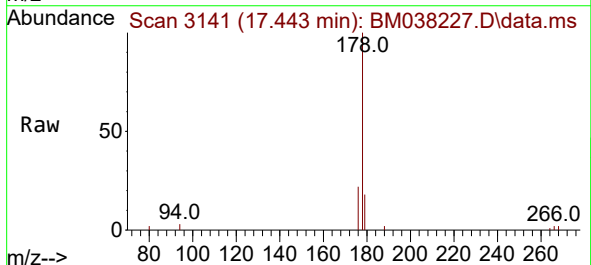
Instrument :
 BNA_M
 ClientSampleId :

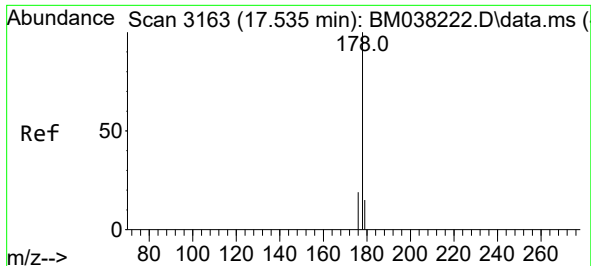
Tgt Ion:266 Resp: 212
 Ion Ratio Lower Upper
 266 100
 264 67.0 49.9 74.9
 268 73.6 51.2 76.8



#15
 Phenanthrene
 Concen: 0.118 ng/ul
 RT: 17.443 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

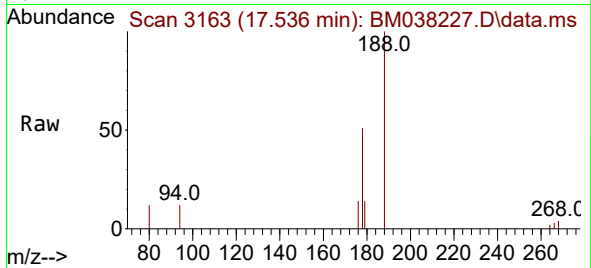
Tgt Ion:178 Resp: 6614
 Ion Ratio Lower Upper
 178 100
 179 18.4 13.0 19.4
 176 22.0 16.2 24.4



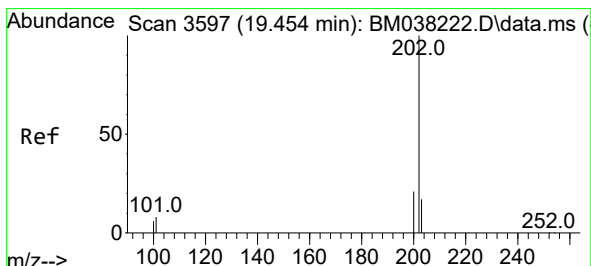
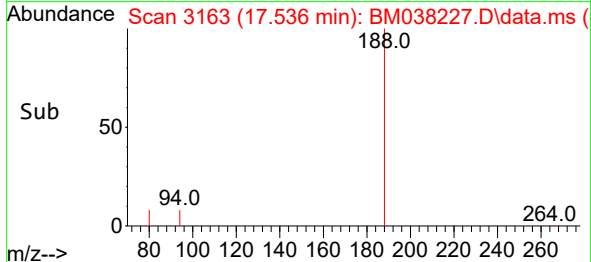
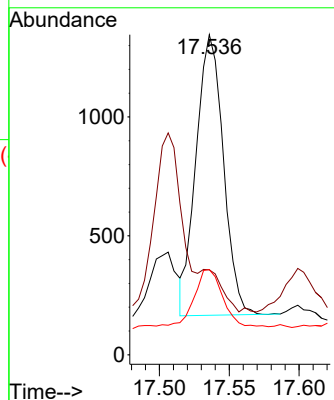


#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.536 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

Instrument :
 BNA_M
 ClientSampleId :

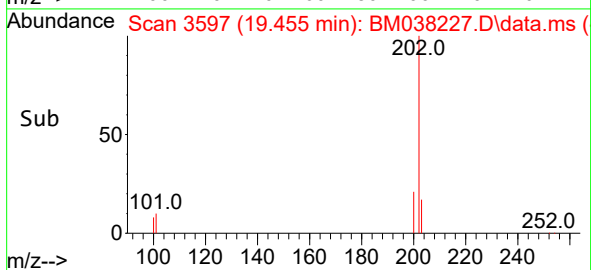
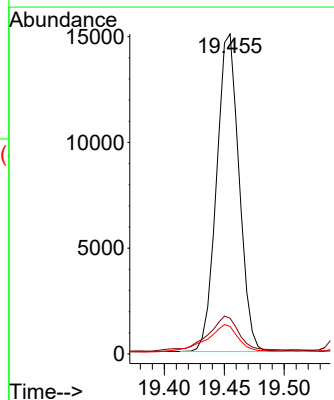
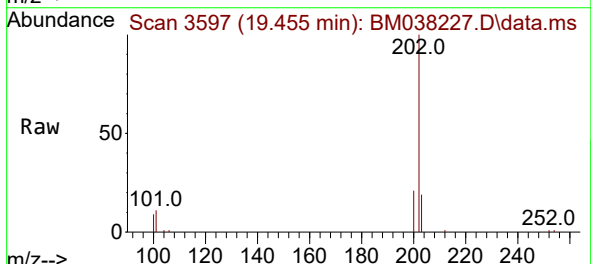


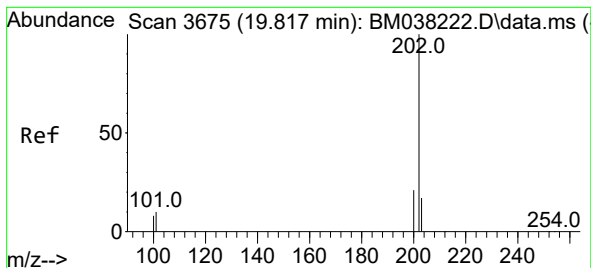
Tgt Ion:178 Resp: 1602
 Ion Ratio Lower Upper
 178 100
 179 26.5 13.0 19.6#
 176 26.6 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.339 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

Tgt Ion:202 Resp: 19605
 Ion Ratio Lower Upper
 202 100
 101 11.2 7.5 11.3
 100 8.6 5.6 8.4#





#20

Pyrene

Concen: 0.331 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038227.D

Acq: 23 Dec 2022 11:06

Instrument :

BNA_M

ClientSampleId :

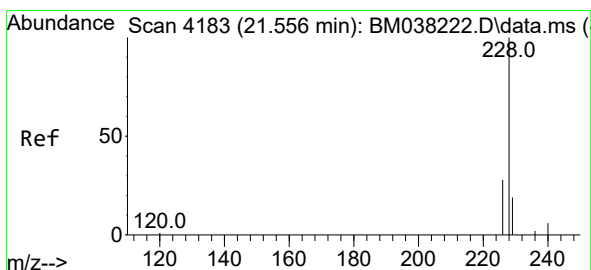
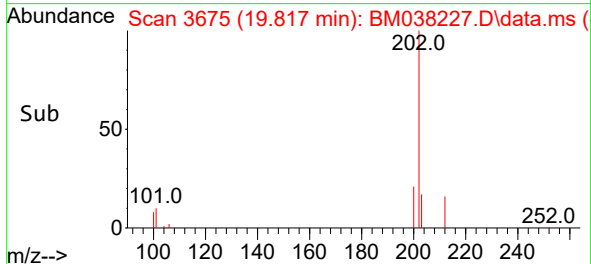
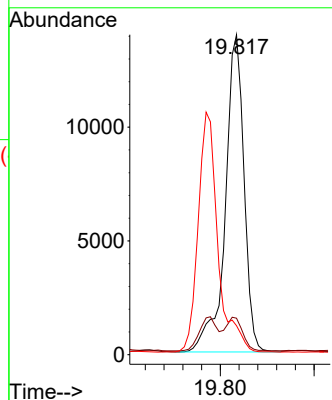
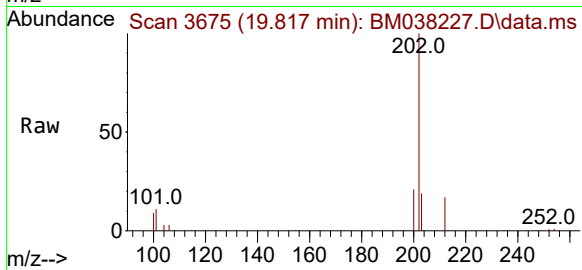
Tgt Ion:202 Resp: 19369

Ion Ratio Lower Upper

202 100

101 11.4 8.9 13.3

100 9.1 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.211 ng/ul

RT: 21.557 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038227.D

Acq: 23 Dec 2022 11:06

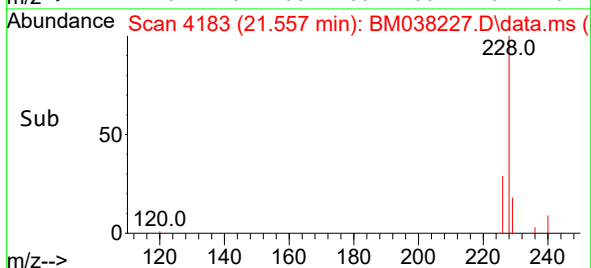
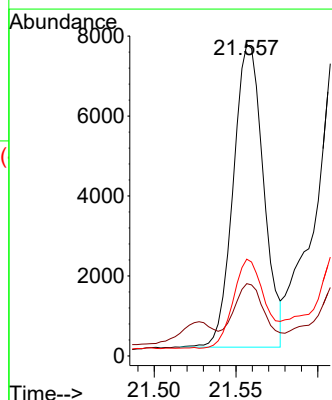
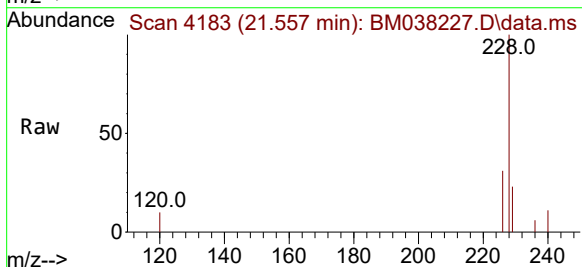
Tgt Ion:228 Resp: 9765

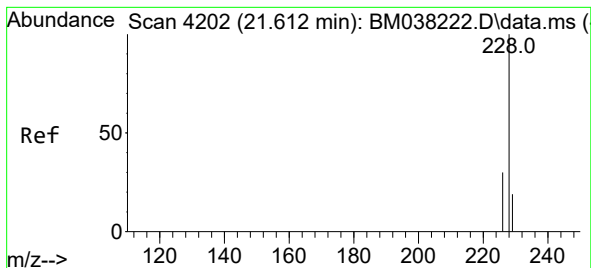
Ion Ratio Lower Upper

228 100

229 23.2 15.5 23.3

226 31.1 22.2 33.2





#22

Chrysene

Concen: 0.276 ng/ul

RT: 21.612 min Scan# 41

Delta R.T. 0.000 min

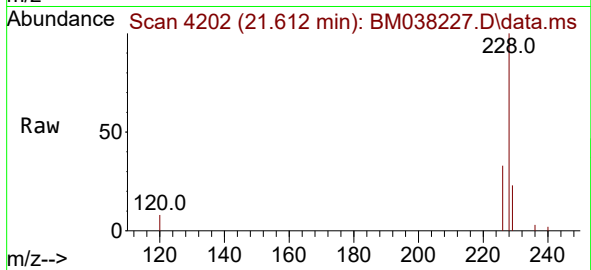
Lab File: BM038227.D

Acq: 23 Dec 2022 11:06

Instrument :

BNA_M

ClientSampleId :



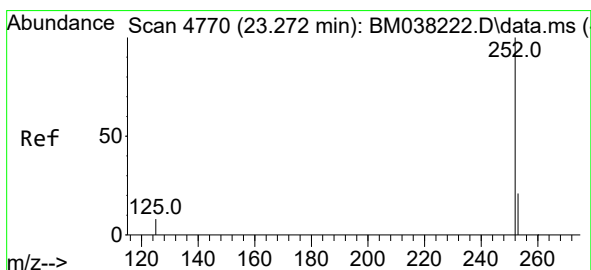
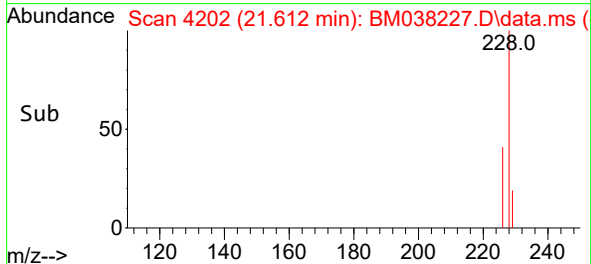
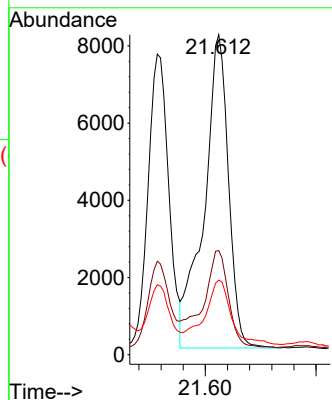
Tgt Ion:228 Resp: 12437

Ion Ratio Lower Upper

228 100

226 32.5 25.0 37.4

229 23.3 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.384 ng/ul

RT: 23.278 min Scan# 4772

Delta R.T. 0.006 min

Lab File: BM038227.D

Acq: 23 Dec 2022 11:06

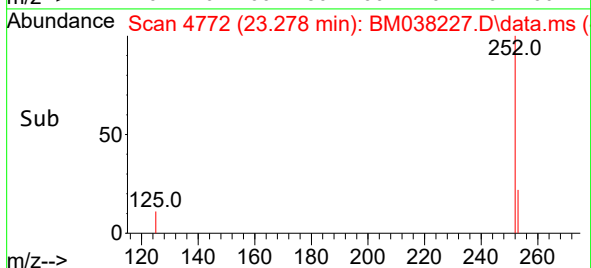
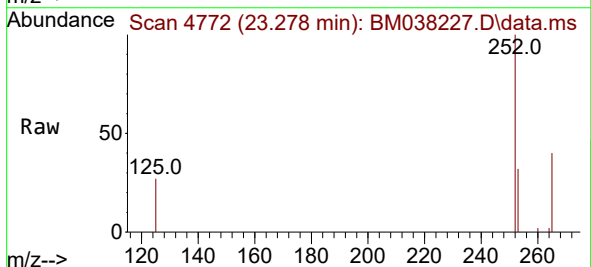
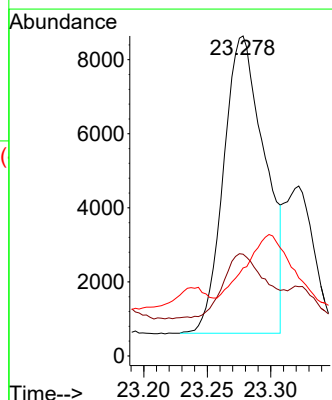
Tgt Ion:252 Resp: 18158

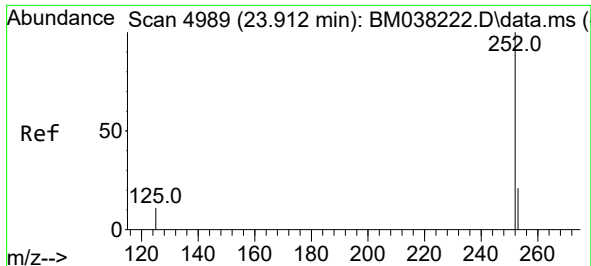
Ion Ratio Lower Upper

252 100

253 31.8 0.0 56.0

125 27.5 0.0 36.6

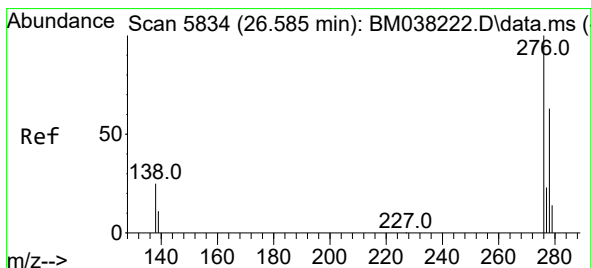
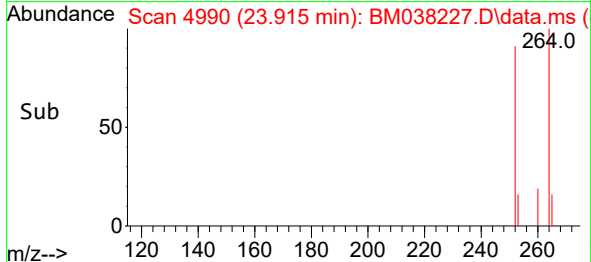
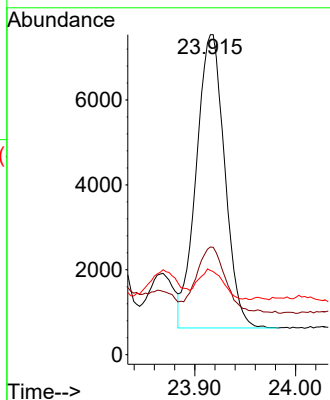
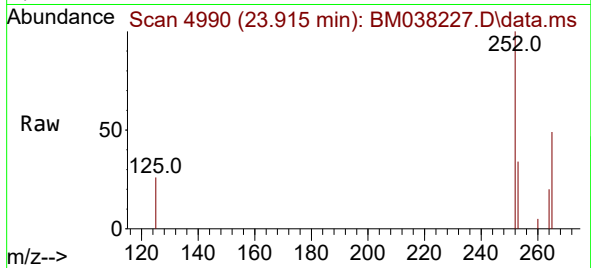




#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.915 min Scan# 4989
Delta R.T. 0.003 min
Lab File: BM038227.D
Acq: 23 Dec 2022 11:06

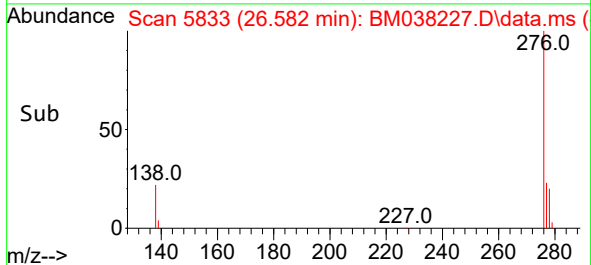
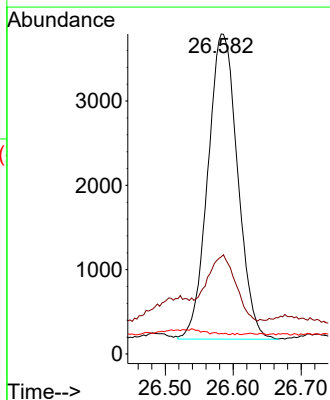
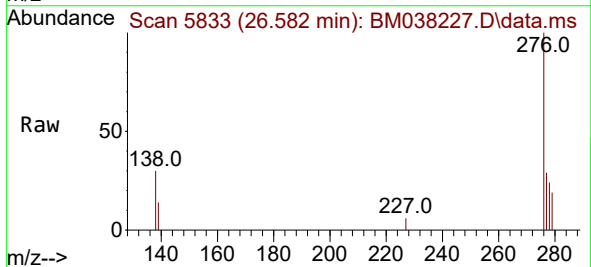
Instrument :
BNA_M
ClientSampleId :

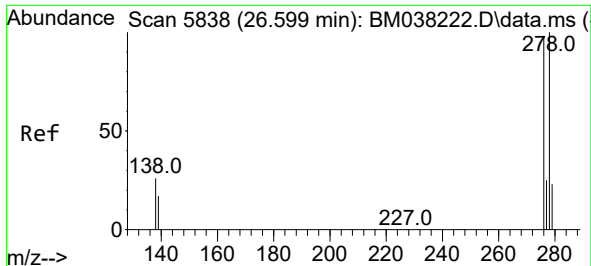
Tgt Ion:252 Resp: 13524
Ion Ratio Lower Upper
252 100
253 33.6 24.2 36.4
125 26.3 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038227.D
Acq: 23 Dec 2022 11:06

Tgt Ion:276 Resp: 11037
Ion Ratio Lower Upper
276 100
138 20.9 21.7 32.5#
227 0.0 0.0 0.0

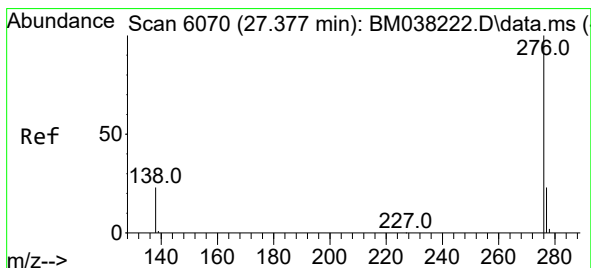
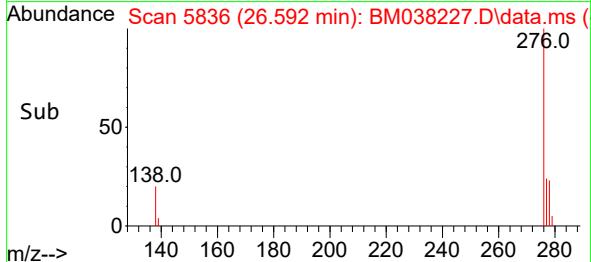
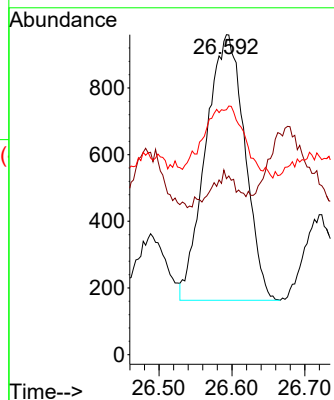
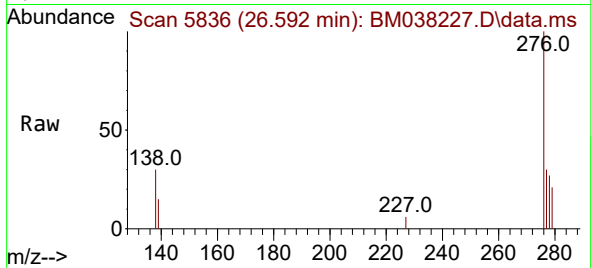




#28
 Dibenzo(a,h)anthracene
 Concen: 0.067 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2976
 Ion Ratio Lower Upper
 278 100
 139 55.0 16.8 25.2#
 279 76.6 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.281 ng/ul
 RT: 27.380 min Scan# 6071
 Delta R.T. 0.010 min
 Lab File: BM038227.D
 Acq: 23 Dec 2022 11:06

Tgt Ion:276 Resp: 13551
 Ion Ratio Lower Upper
 276 100
 138 29.6 20.8 31.2
 277 27.4 20.5 30.7

