

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038300.D
 Acq On : 25 Dec 2022 09:28
 Operator : CG/JU
 Sample : N6018-16DL 5X
 Misc :
 ALS Vial : 109 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:54:53 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)

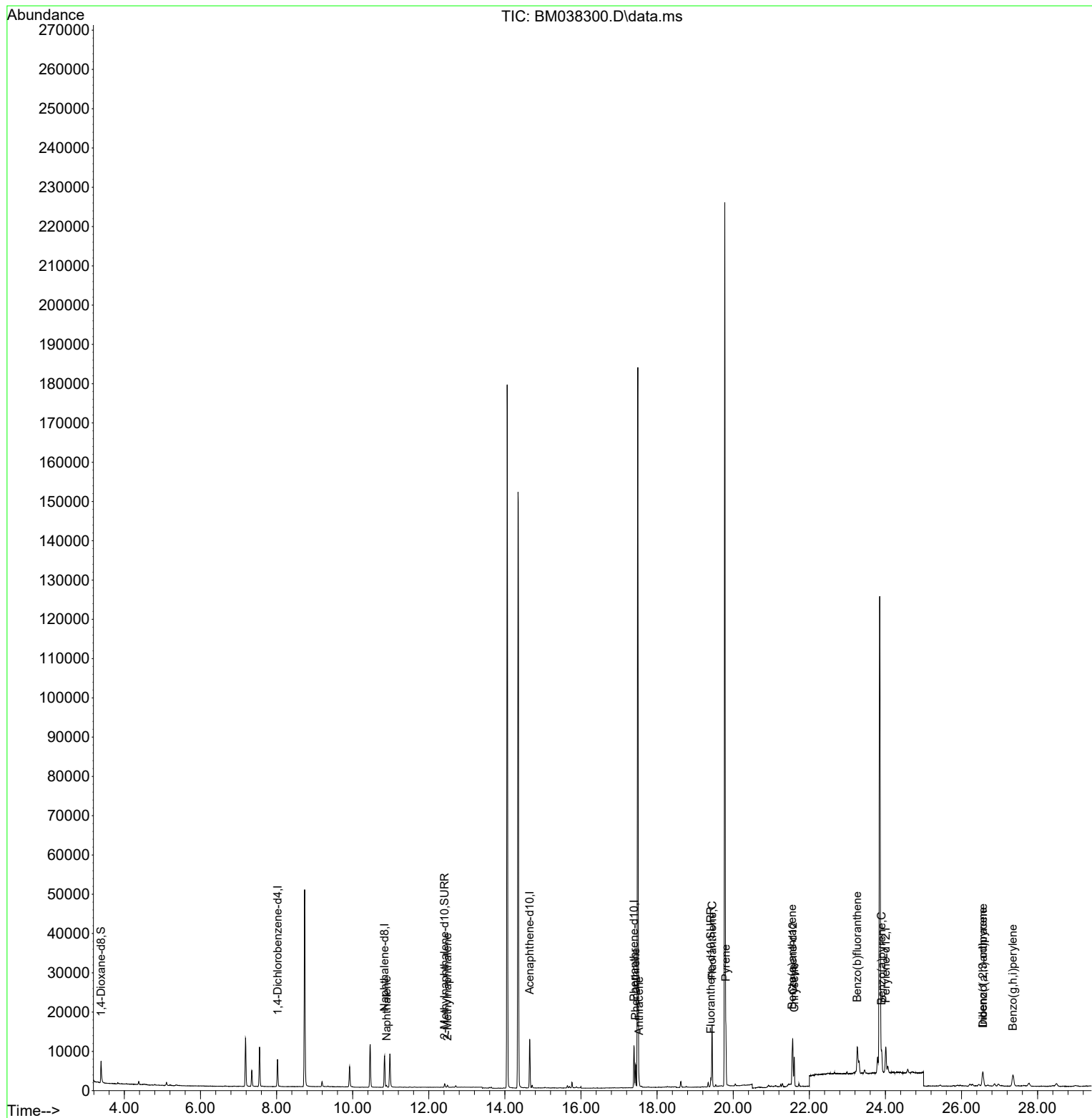
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3510	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	6409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	12710	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	9527	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8938	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	3676	1.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	1144	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	2391	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	650	0.021	ng/ul#	71
7) 2-Methylnaphthalene	12.489	142	385	0.020	ng/ul	98
15) Phenanthrene	17.434	178	5940	0.140	ng/ul	97
16) Anthracene	17.527	178	1014	0.025	ng/ul#	74
19) Fluoranthene	19.445	202	13025	0.250	ng/ul	99
20) Pyrene	19.808	202	12552	0.238	ng/ul	97
21) Benzo(a)anthracene	21.548	228	6065	0.145	ng/ul	94
22) Chrysene	21.603	228	7213	0.177	ng/ul	95
24) Benzo(b)fluoranthene	23.260	252	11639	0.294	ng/ul	93
26) Benzo(a)pyrene	23.898	252	7819	0.227	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.559	276	6314	0.132	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.562	278	1461	0.039	ng/ul#	18
29) Benzo(g,h,i)perylene	27.350	276	6533	0.162	ng/ul	94

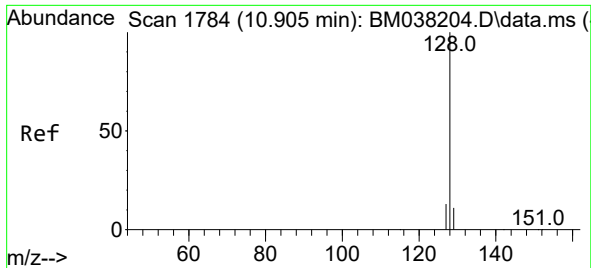
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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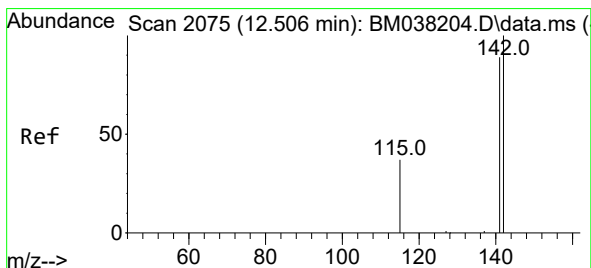
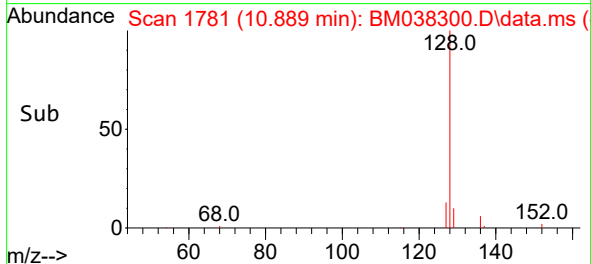
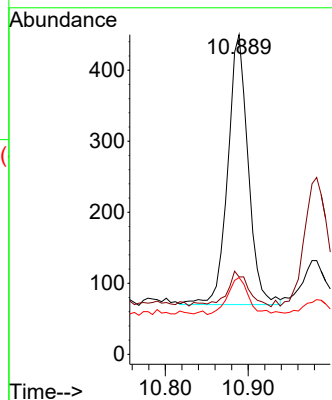
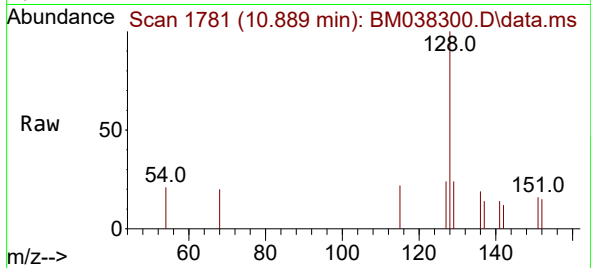




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

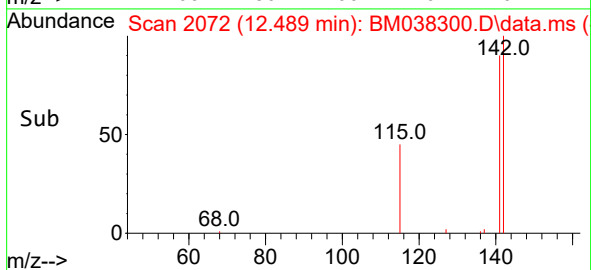
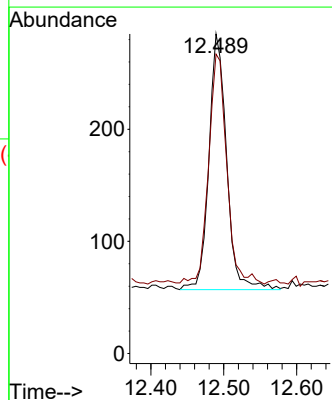
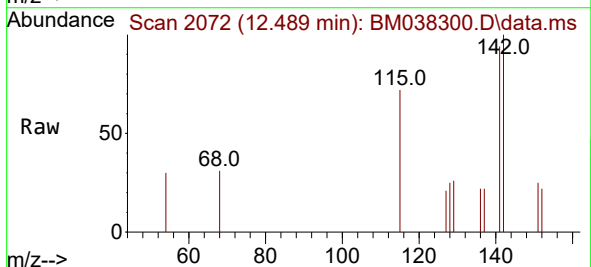
Instrument :
BNA_M
ClientSampleId :

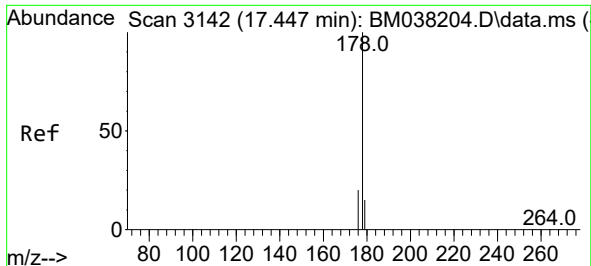
Tgt Ion:128 Resp: 650
Ion Ratio Lower Upper
128 100
129 24.2 9.4 14.0#
127 24.0 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9

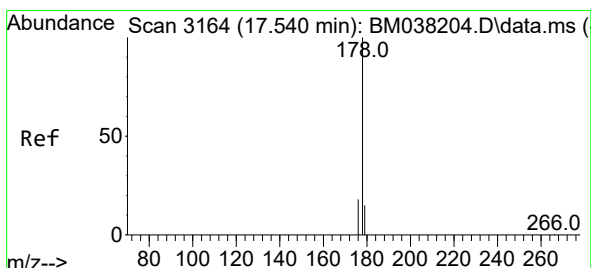
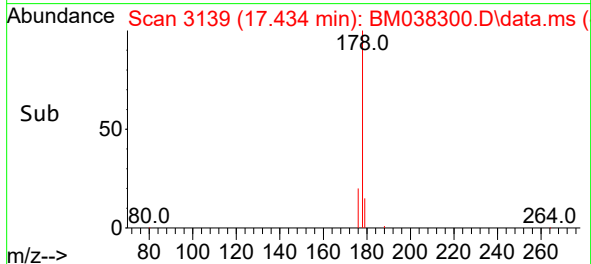
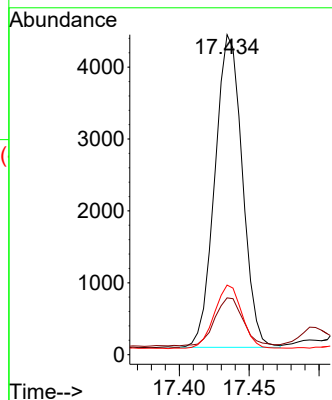
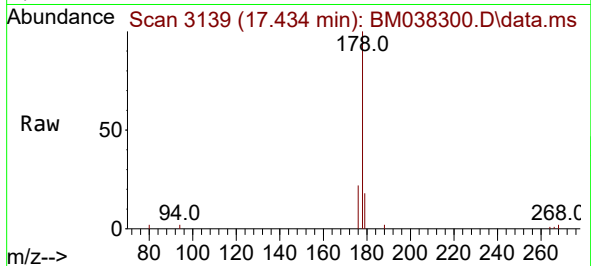




#15
Phenanthrene
Concen: 0.140 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

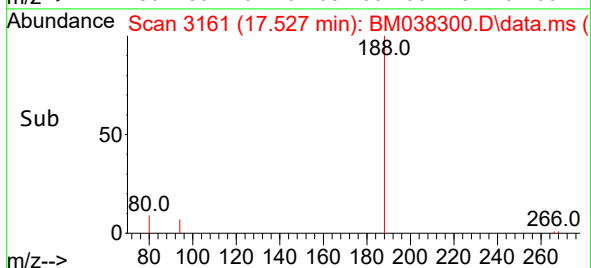
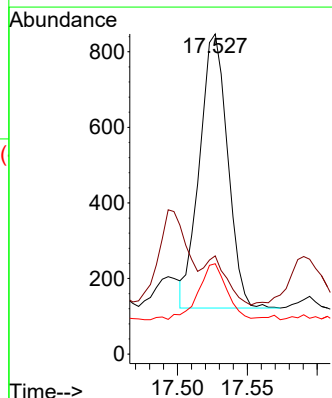
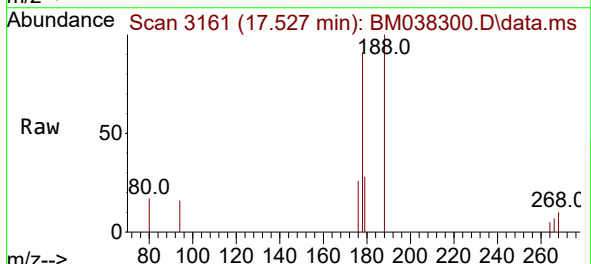
Instrument :
BNA_M
ClientSampleId :

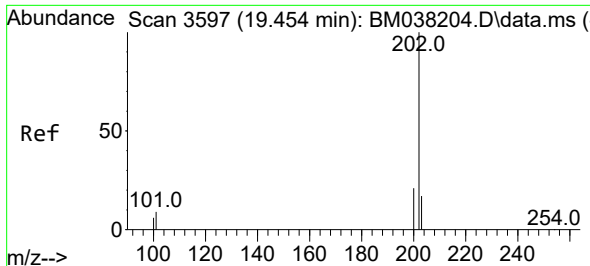
Tgt Ion:178 Resp: 5940
Ion Ratio Lower Upper
178 100
179 17.7 13.0 19.4
176 21.7 16.2 24.4



#16
Anthracene
Concen: 0.025 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

Tgt Ion:178 Resp: 1014
Ion Ratio Lower Upper
178 100
179 30.7 13.0 19.6#
176 28.2 15.6 23.4#

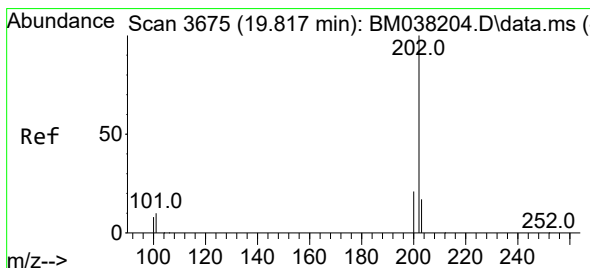
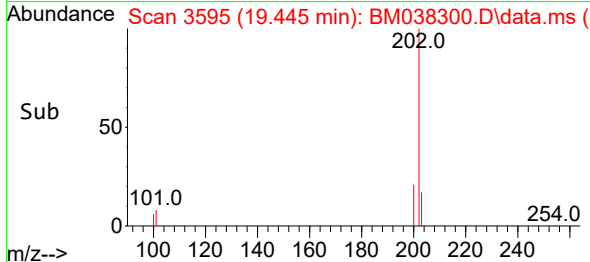
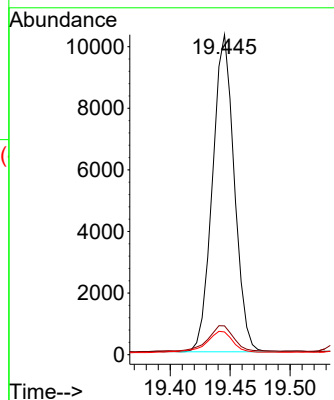
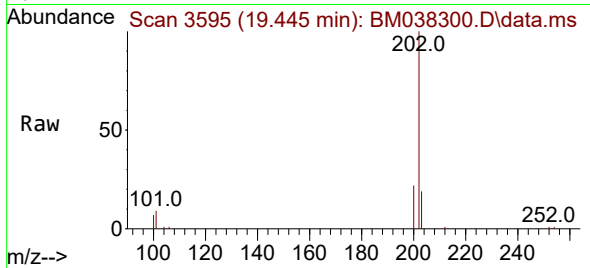




#19
Fluoranthene
Concen: 0.250 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

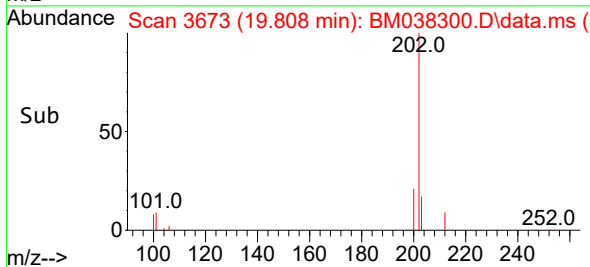
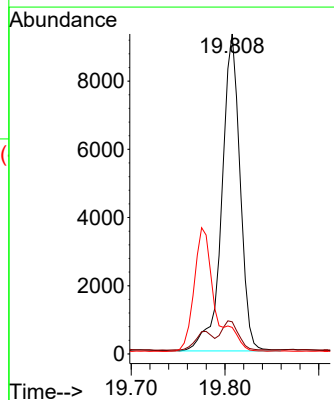
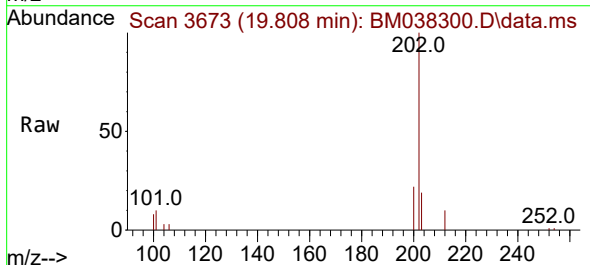
Instrument :
BNA_M
ClientSampleId :

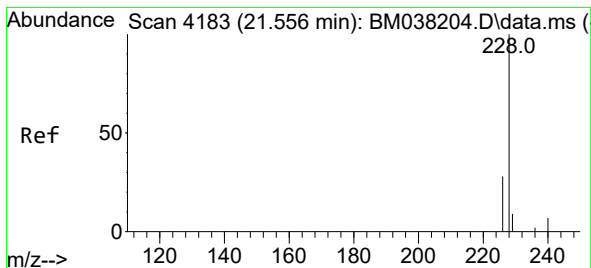
Tgt Ion:202 Resp: 13025
Ion Ratio Lower Upper
202 100
101 9.0 7.5 11.3
100 7.1 5.6 8.4



#20
Pyrene
Concen: 0.238 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

Tgt Ion:202 Resp: 12552
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 8.3 7.4 11.0





#21

Benzo(a)anthracene

Concen: 0.145 ng/ul

RT: 21.548 min Scan# 41

Delta R.T. -0.003 min

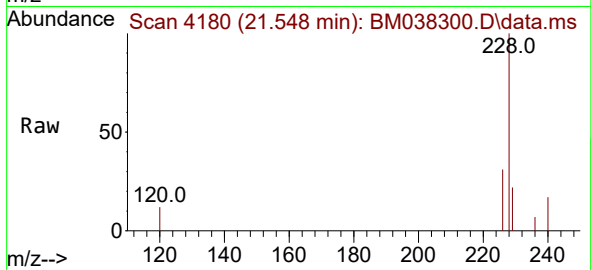
Lab File: BM038300.D

Acq: 25 Dec 2022 09:28

Instrument :

BNA_M

ClientSampleId :



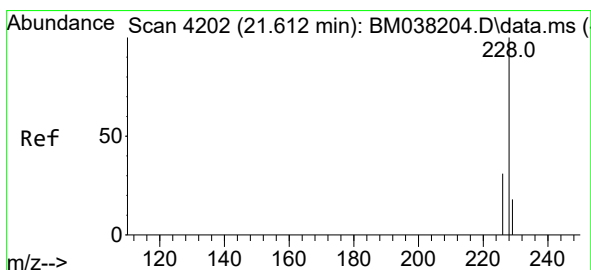
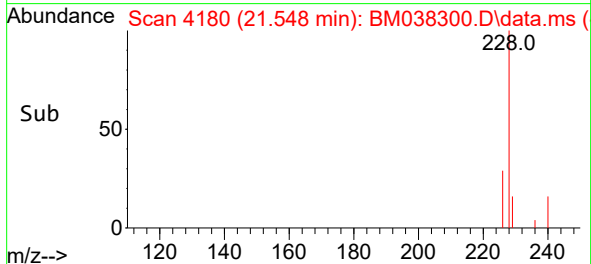
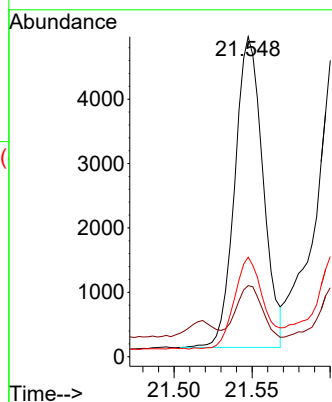
Tgt Ion:228 Resp: 6065

Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

226 31.1 22.2 33.2



#22

Chrysene

Concen: 0.177 ng/ul

RT: 21.603 min Scan# 4199

Delta R.T. -0.003 min

Lab File: BM038300.D

Acq: 25 Dec 2022 09:28

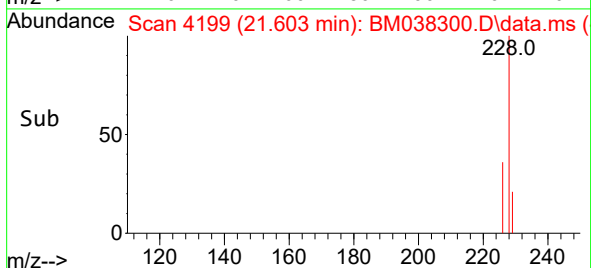
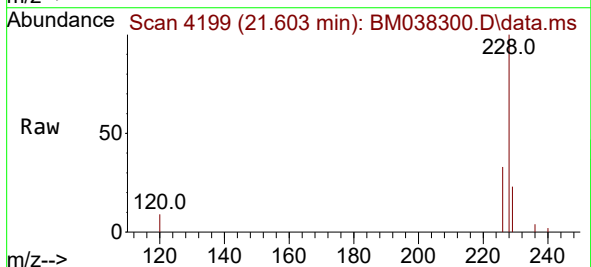
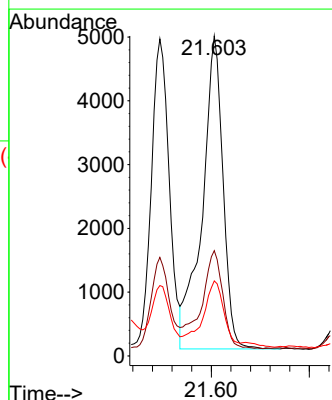
Tgt Ion:228 Resp: 7213

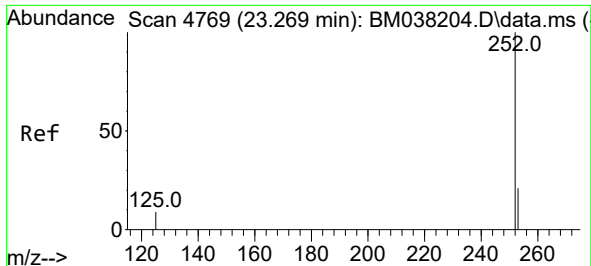
Ion Ratio Lower Upper

228 100

226 32.9 25.0 37.4

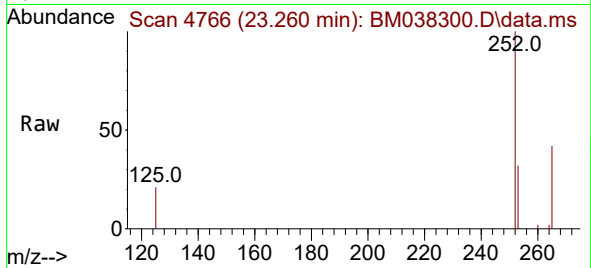
229 23.4 16.0 24.0



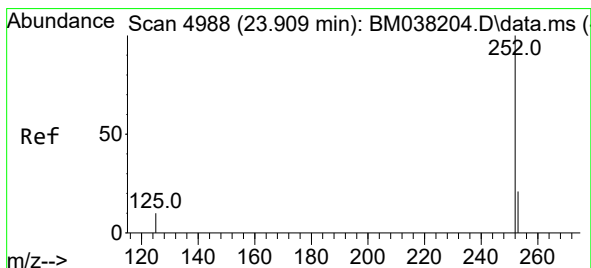
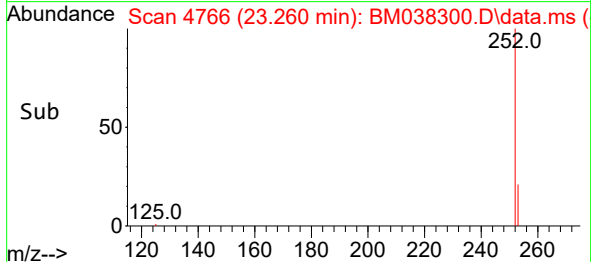
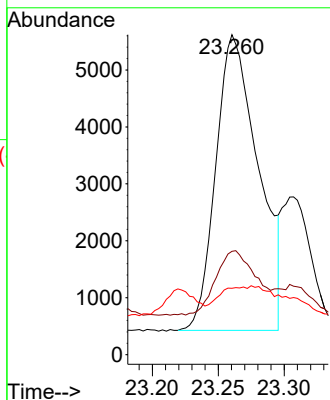


#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul
RT: 23.260 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

Instrument :
BNA_M
ClientSampleId :

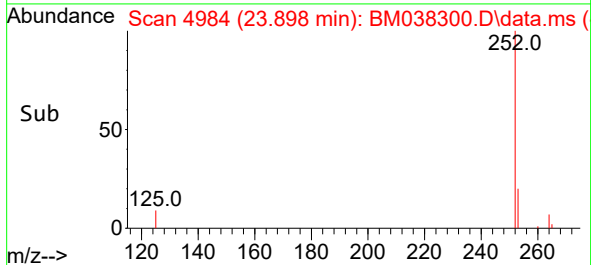
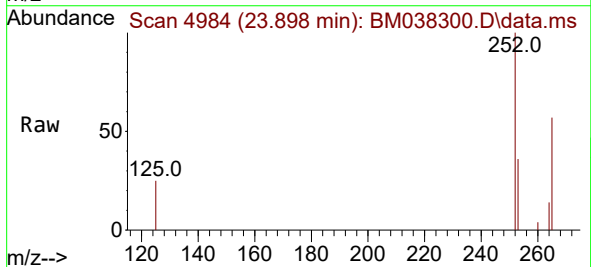
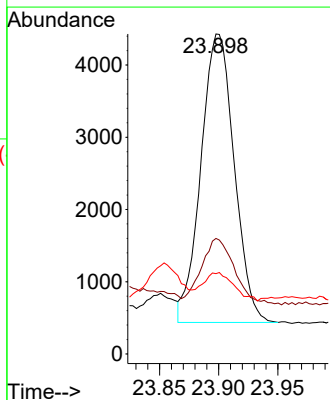


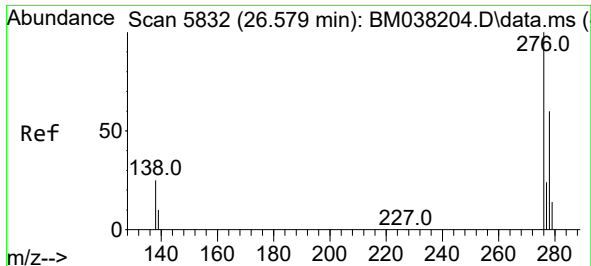
Tgt Ion:252 Resp: 11639
Ion Ratio Lower Upper
252 100
253 32.3 0.0 56.0
125 20.7 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.227 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038300.D
Acq: 25 Dec 2022 09:28

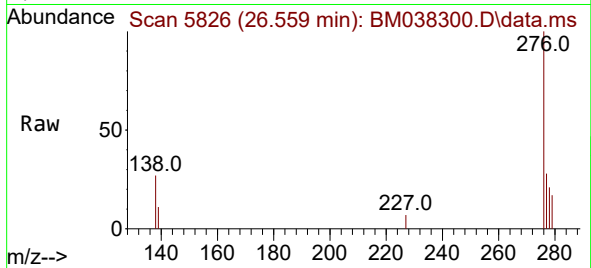
Tgt Ion:252 Resp: 7819
Ion Ratio Lower Upper
252 100
253 36.1 24.2 36.4
125 25.1 17.3 25.9



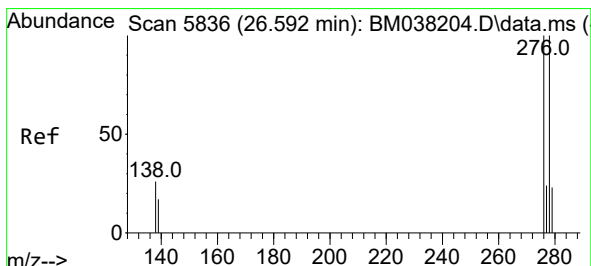
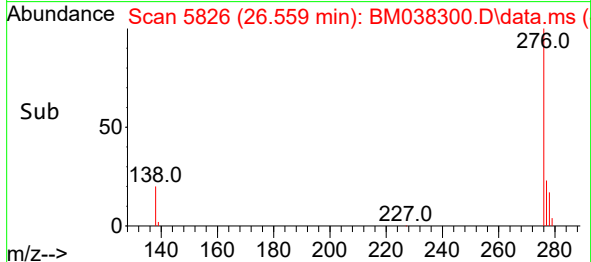
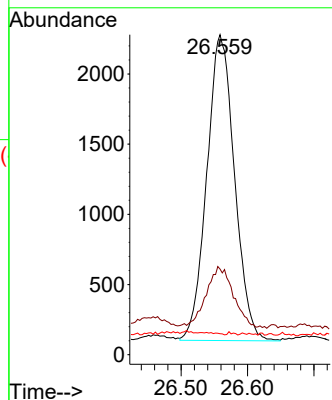


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.132 ng/ul
 RT: 26.559 min Scan# 5826
 Delta R.T. -0.010 min
 Lab File: BM038300.D
 Acq: 25 Dec 2022 09:28

Instrument :
 BNA_M
 ClientSampleId :

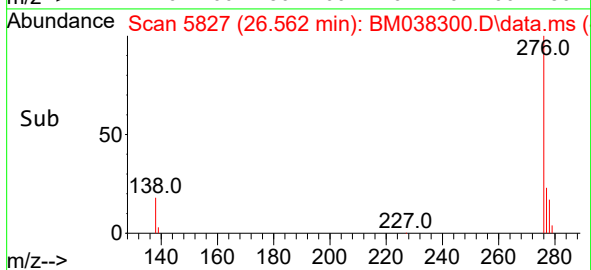
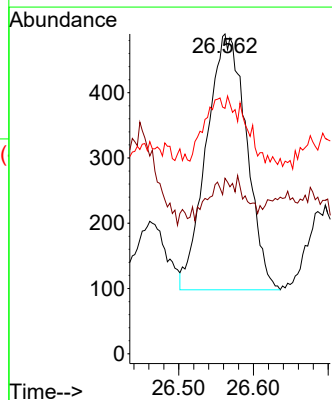
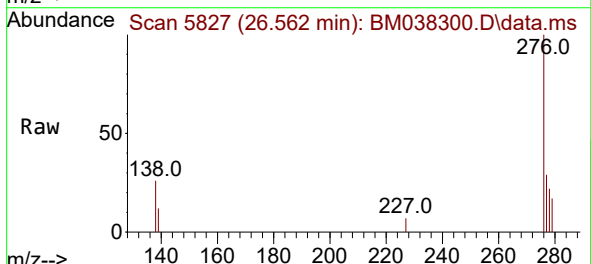


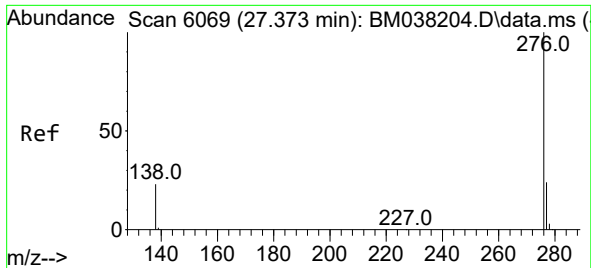
Tgt Ion:276 Resp: 6314
 Ion Ratio Lower Upper
 276 100
 138 21.2 21.7 32.5#
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.039 ng/ul
 RT: 26.562 min Scan# 5827
 Delta R.T. -0.027 min
 Lab File: BM038300.D
 Acq: 25 Dec 2022 09:28

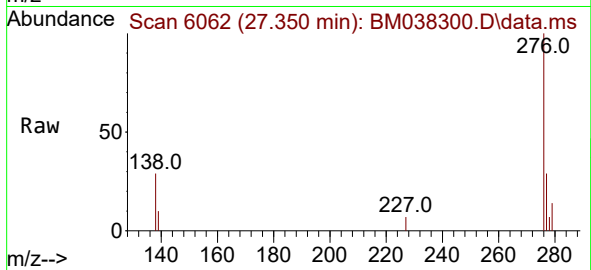
Tgt Ion:278 Resp: 1461
 Ion Ratio Lower Upper
 278 100
 139 54.9 16.8 25.2#
 279 76.7 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.162 ng/ul
 RT: 27.350 min Scan# 6062
 Delta R.T. -0.010 min
 Lab File: BM038300.D
 Acq: 25 Dec 2022 09:28

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 6533
 Ion Ratio Lower Upper
 276 100
 138 28.9 20.8 31.2
 277 28.8 20.5 30.7

