

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038297.D
 Acq On : 25 Dec 2022 07:41
 Operator : CG/JU
 Sample : N6016-20
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:54:28 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

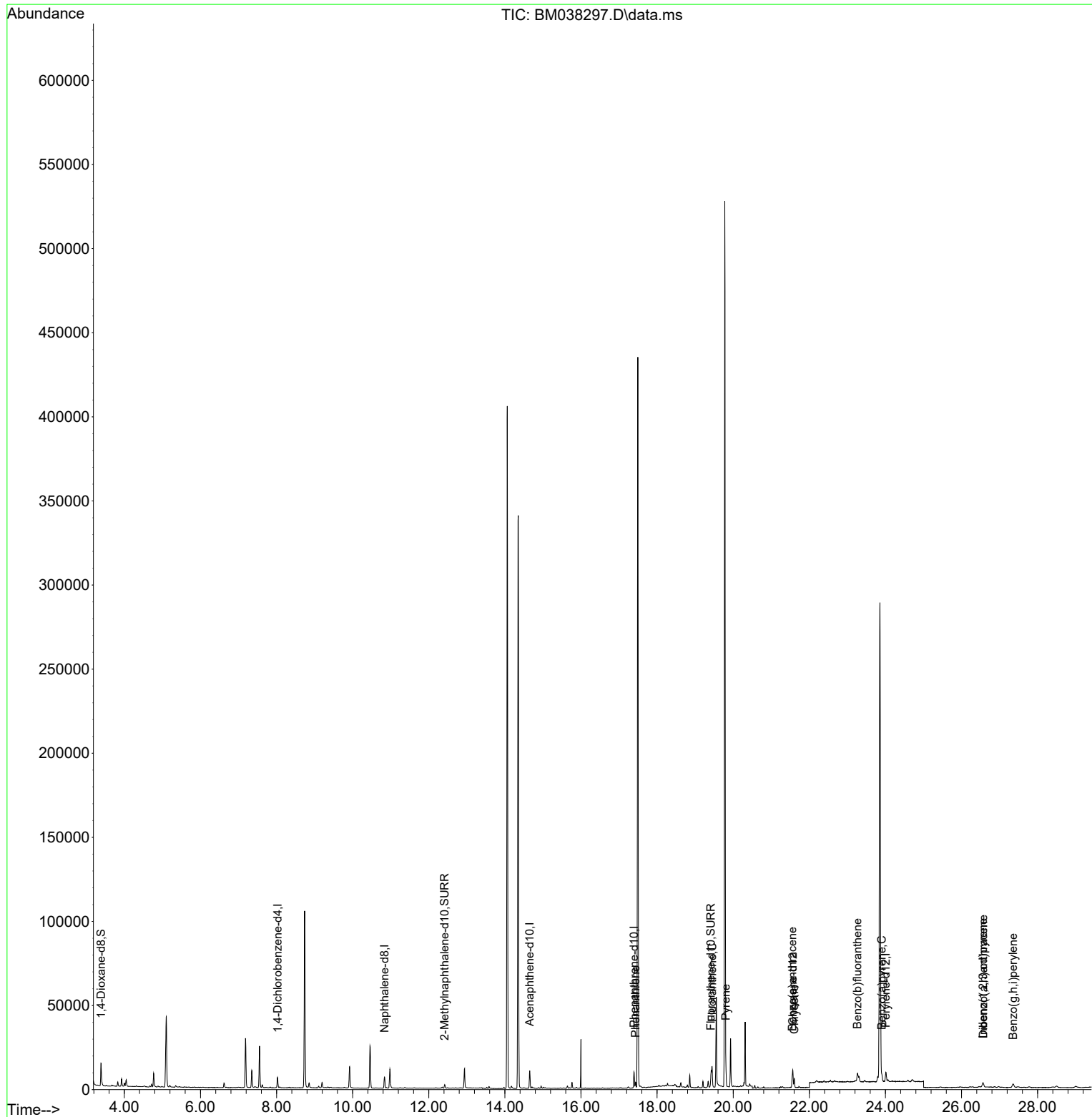
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	11012	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8420	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7521	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	8634	2.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	2571	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5880	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	3466	0.094	ng/ul	92
19) Fluoranthene	19.445	202	9332	0.202	ng/ul#	76
20) Pyrene	19.808	202	9059	0.194	ng/ul#	95
21) Benzo(a)anthracene	21.551	228	4653	0.126	ng/ul#	91
22) Chrysene	21.603	228	5456	0.152	ng/ul#	91
24) Benzo(b)fluoranthene	23.263	252	8858	0.266	ng/ul	83
26) Benzo(a)pyrene	23.904	252	5640	0.194	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.562	276	4863	0.121	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.569	278	1210	0.039	ng/ul#	1
29) Benzo(g,h,i)perylene	27.353	276	4865	0.144	ng/ul#	89

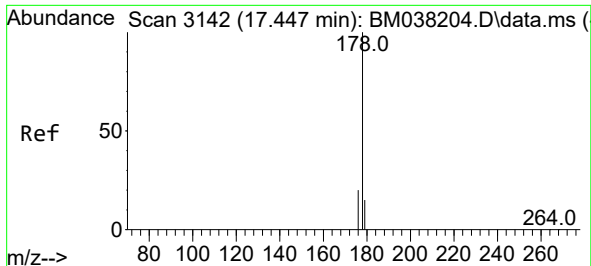
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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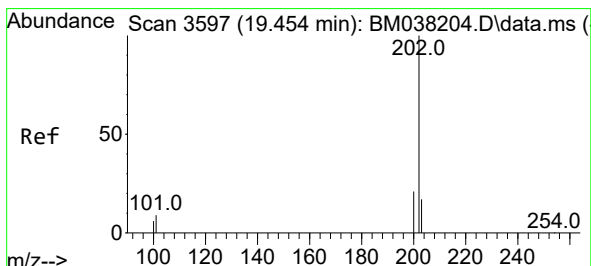
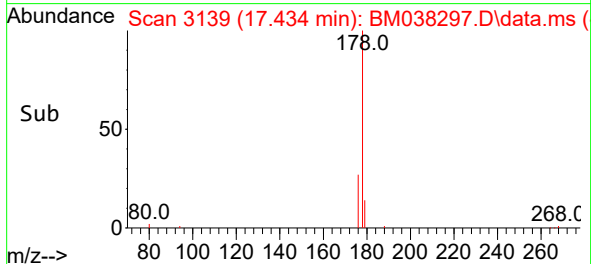
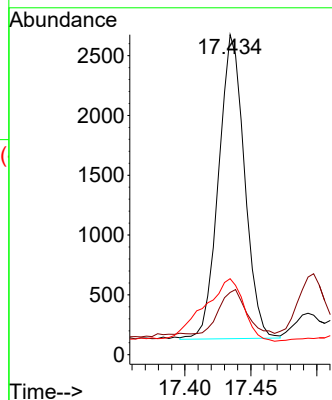
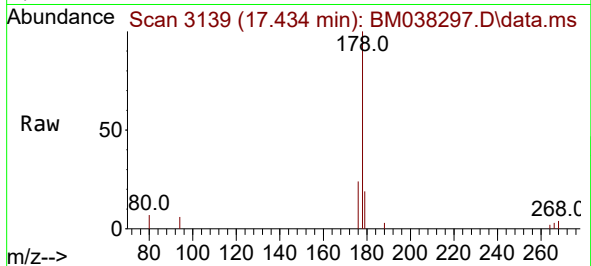




#15
Phenanthrene
Concen: 0.094 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

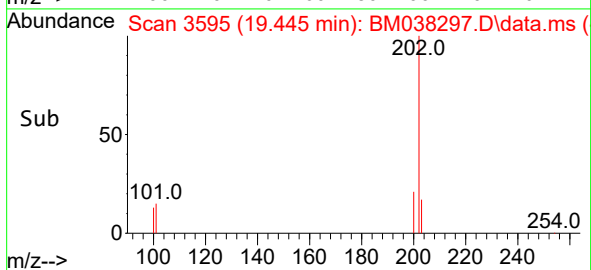
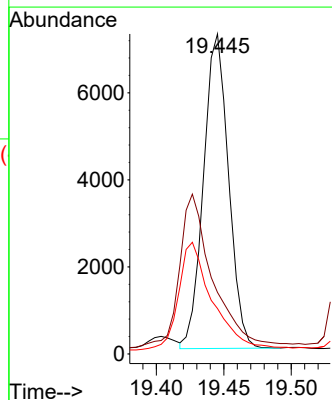
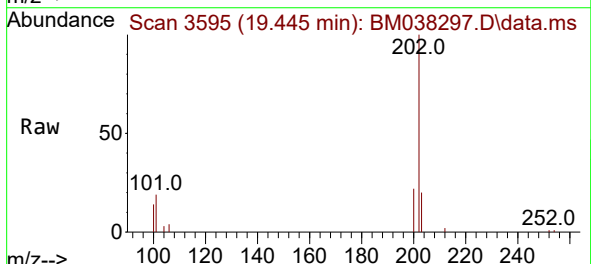
Instrument :
BNA_M
ClientSampleId :

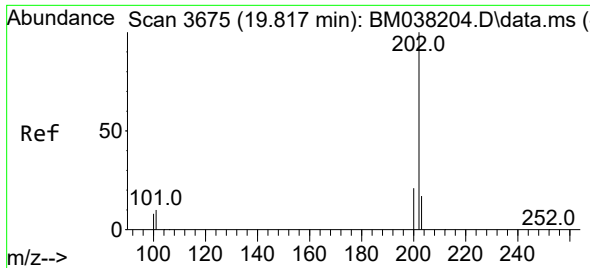
Tgt Ion:178 Resp: 3466
Ion Ratio Lower Upper
178 100
179 19.4 13.0 19.4
176 23.8 16.2 24.4



#19
Fluoranthene
Concen: 0.202 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.004 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

Tgt Ion:202 Resp: 9332
Ion Ratio Lower Upper
202 100
101 19.2 7.5 11.3#
100 14.2 5.6 8.4#

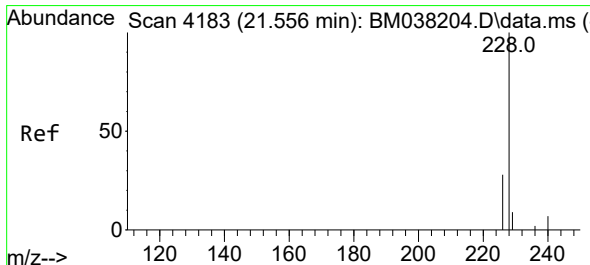
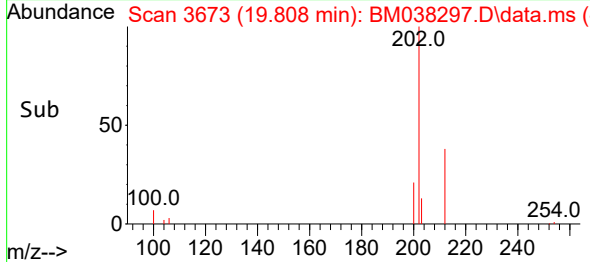
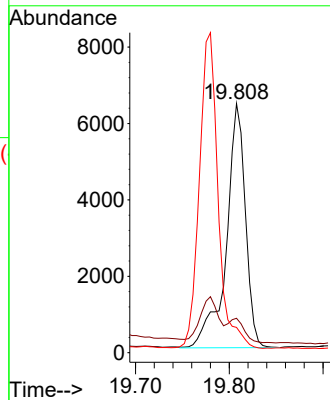
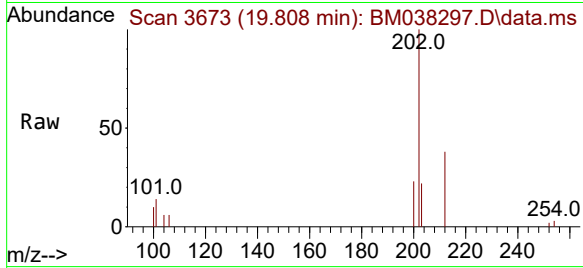




#20
Pyrene
Concen: 0.194 ng/ul
RT: 19.808 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

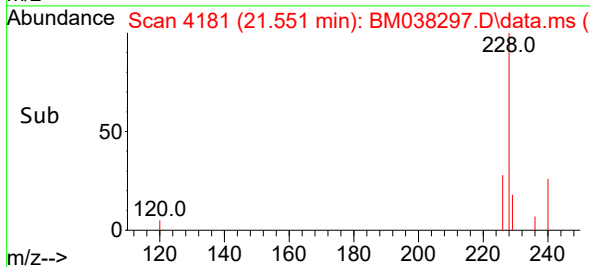
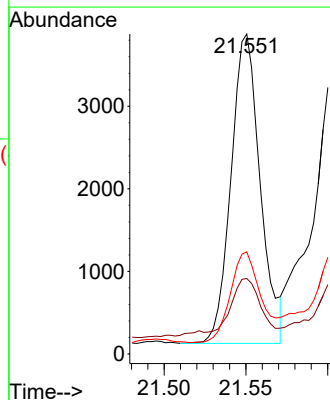
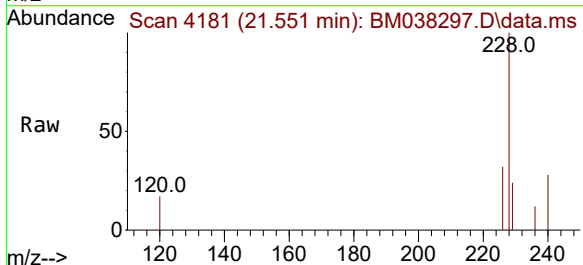
Instrument :
BNA_M
ClientSampleId :

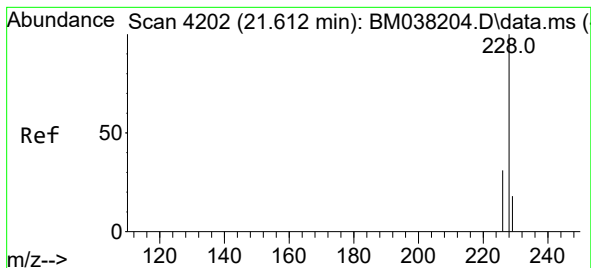
Tgt Ion:202 Resp: 9059
Ion Ratio Lower Upper
202 100
101 13.8 8.9 13.3#
100 10.1 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

Tgt Ion:228 Resp: 4653
Ion Ratio Lower Upper
228 100
229 23.6 15.5 23.3#
226 31.9 22.2 33.2





#22

Chrysene

Concen: 0.152 ng/ul

RT: 21.603 min Scan# 41

Delta R.T. -0.003 min

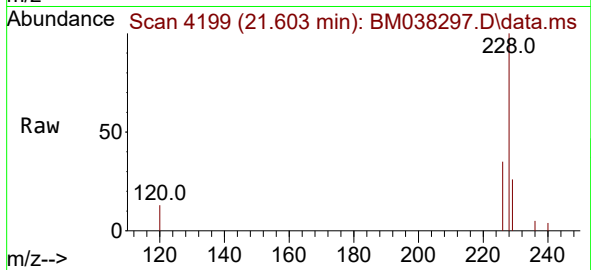
Lab File: BM038297.D

Acq: 25 Dec 2022 07:41

Instrument :

BNA_M

ClientSampleId :



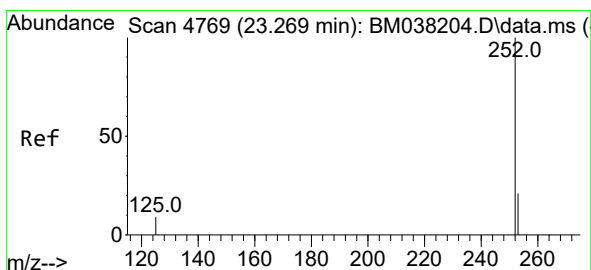
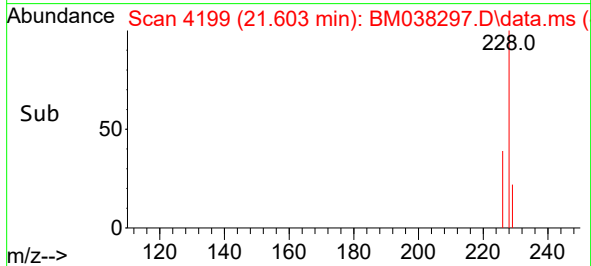
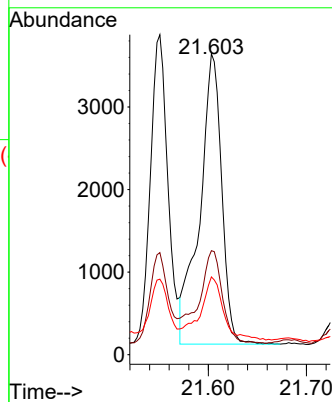
Tgt Ion:228 Resp: 5456

Ion Ratio Lower Upper

228 100

226 34.5 25.0 37.4

229 25.9 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.266 ng/ul

RT: 23.263 min Scan# 4767

Delta R.T. -0.003 min

Lab File: BM038297.D

Acq: 25 Dec 2022 07:41

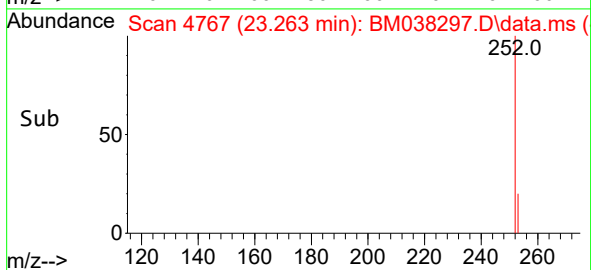
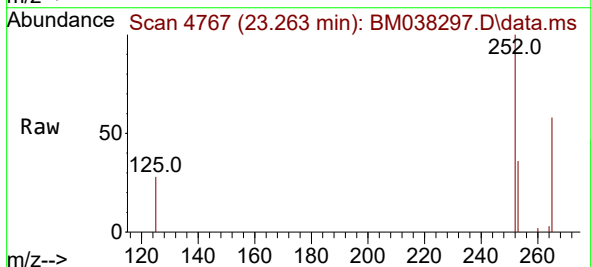
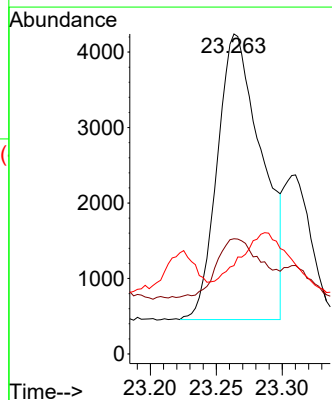
Tgt Ion:252 Resp: 8858

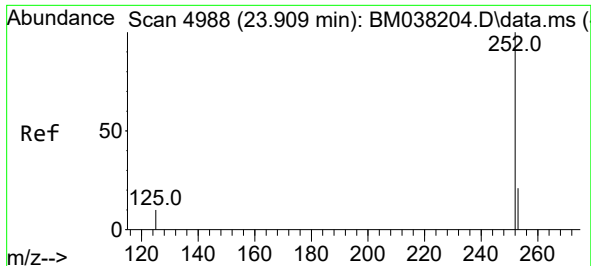
Ion Ratio Lower Upper

252 100

253 36.0 0.0 56.0

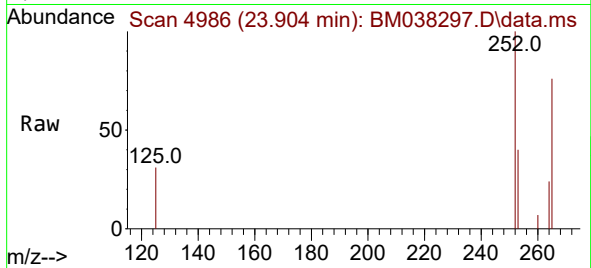
125 27.6 0.0 36.6



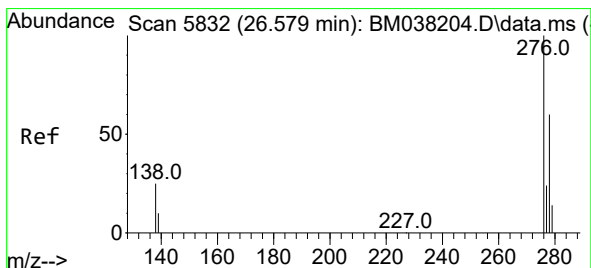
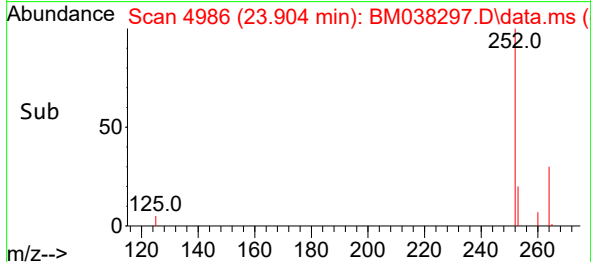
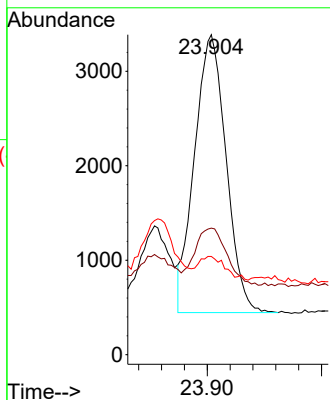


#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.904 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

Instrument :
BNA_M
ClientSampleId :

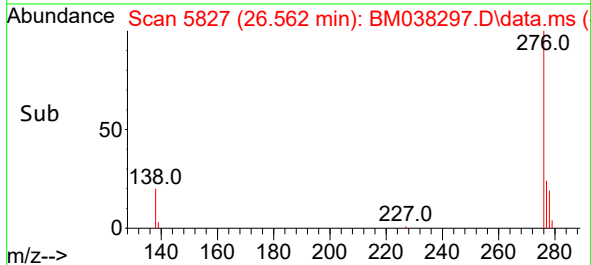
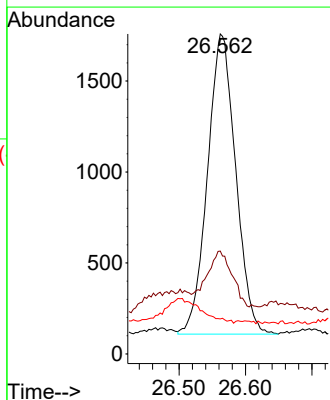
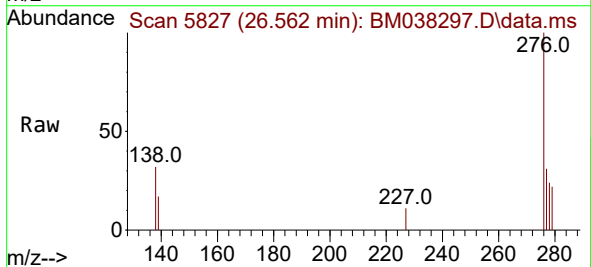


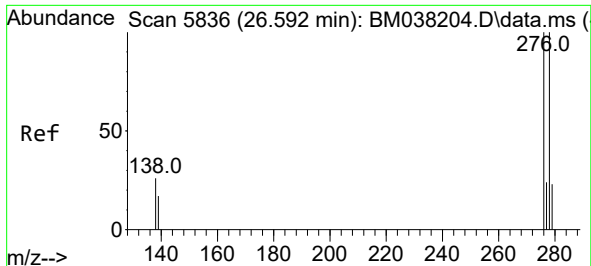
Tgt Ion:252 Resp: 5640
Ion Ratio Lower Upper
252 100
253 39.6 24.2 36.4#
125 30.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

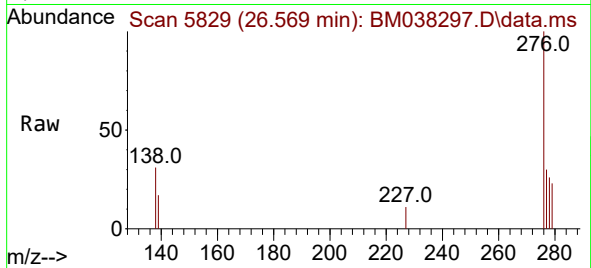
Tgt Ion:276 Resp: 4863
Ion Ratio Lower Upper
276 100
138 16.5 21.7 32.5#
227 0.0 0.0 0.0



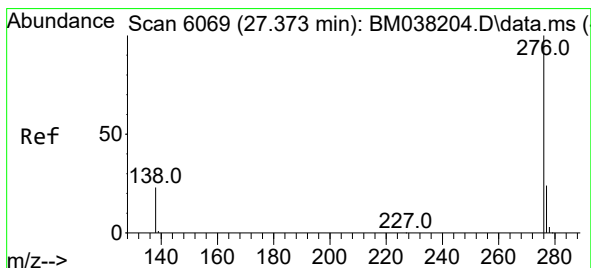
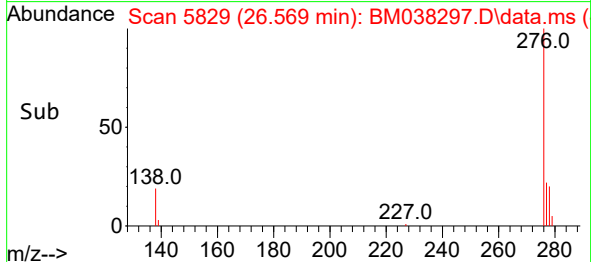
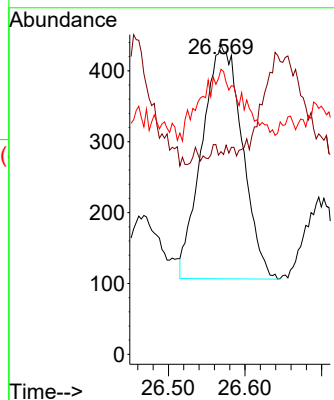


#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. -0.020 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 1210
Ion Ratio Lower Upper
278 100
139 65.4 16.8 25.2#
279 92.0 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038297.D
Acq: 25 Dec 2022 07:41

Tgt Ion:276 Resp: 4865
Ion Ratio Lower Upper
276 100
138 32.7 20.8 31.2#
277 30.4 20.5 30.7

