

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038296.D
 Acq On : 25 Dec 2022 07:05
 Operator : CG/JU
 Sample : N6016-19
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:54:19 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)

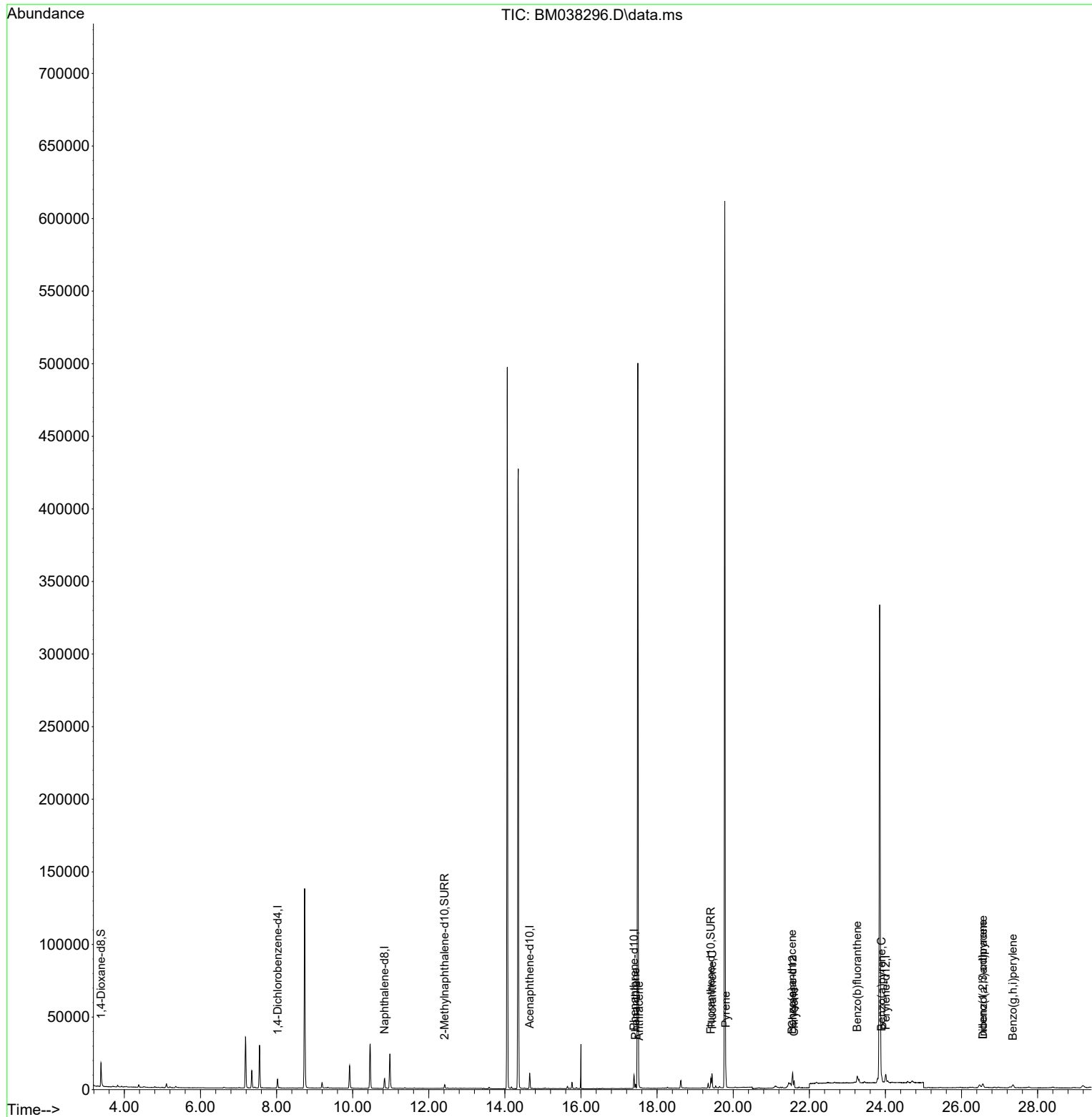
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3020	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10981	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	8254	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7669	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	10375	3.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3154	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	6537	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	2892	0.079	ng/ul#	92
16) Anthracene	17.527	178	910	0.026	ng/ul#	73
19) Fluoranthene	19.445	202	8180	0.181	ng/ul#	92
20) Pyrene	19.808	202	8370	0.183	ng/ul	99
21) Benzo(a)anthracene	21.548	228	3905	0.108	ng/ul#	89
22) Chrysene	21.600	228	4838	0.137	ng/ul#	91
24) Benzo(b)fluoranthene	23.260	252	8093	0.238	ng/ul	78
26) Benzo(a)pyrene	23.898	252	5270	0.178	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.559	276	4459	0.109	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.565	278	1149	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.350	276	4636	0.134	ng/ul#	88

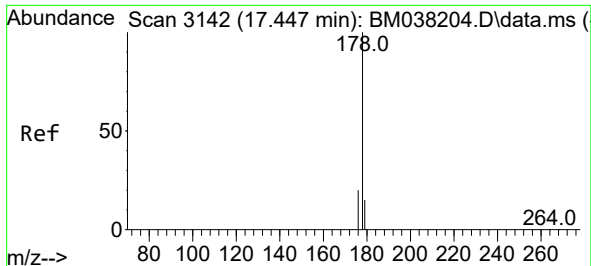
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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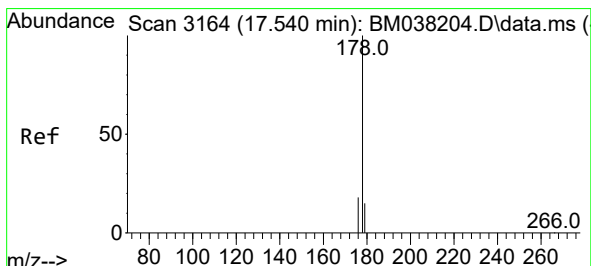
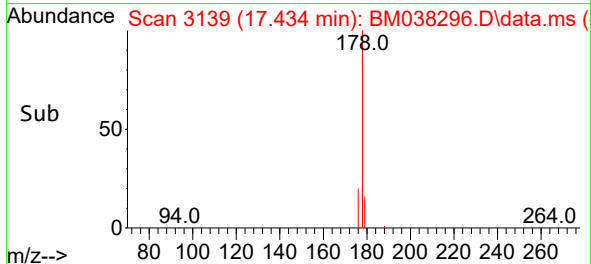
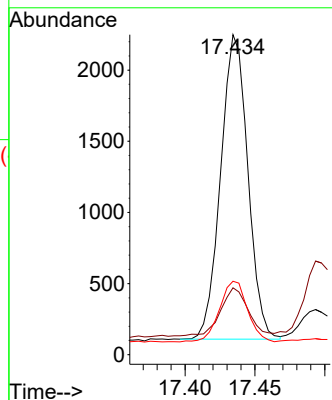
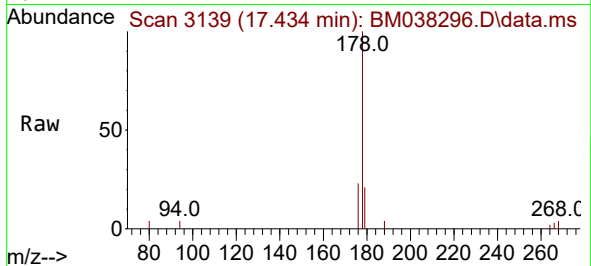




#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

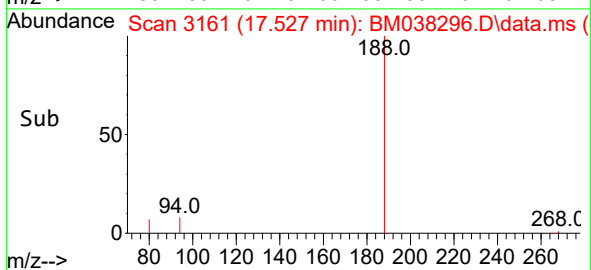
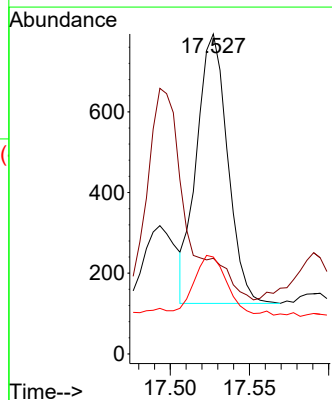
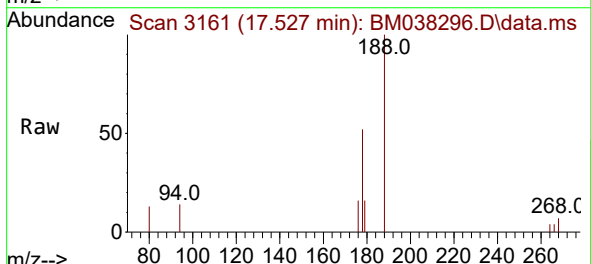
Instrument :
BNA_M
ClientSampleId :

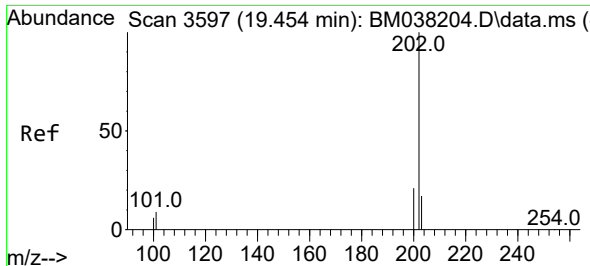
Tgt Ion:178 Resp: 2892
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.4#
176 23.0 16.2 24.4



#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

Tgt Ion:178 Resp: 910
Ion Ratio Lower Upper
178 100
179 29.9 13.0 19.6#
176 30.3 15.6 23.4#

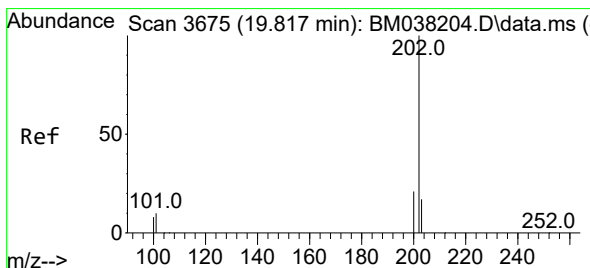
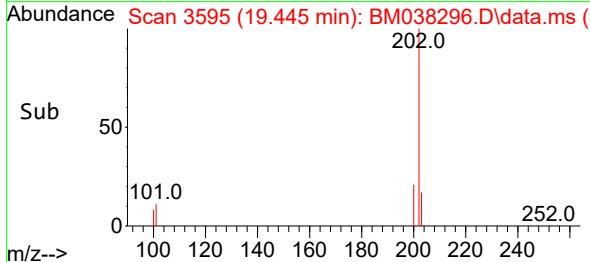
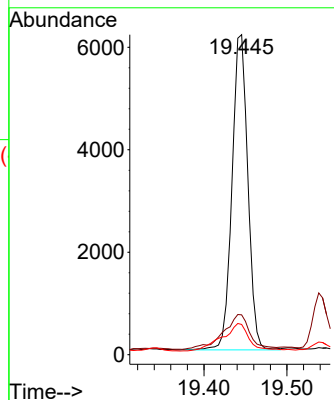
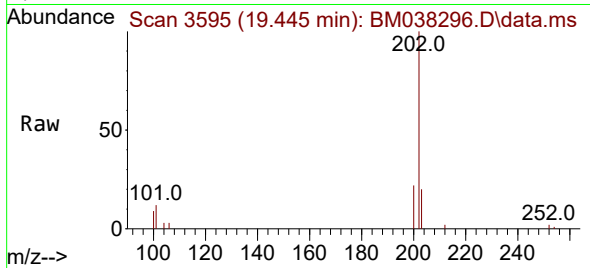




#19
Fluoranthene
Concen: 0.181 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.004 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

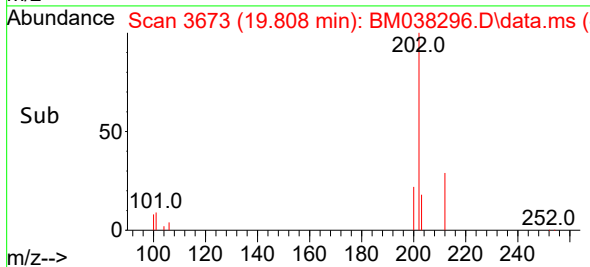
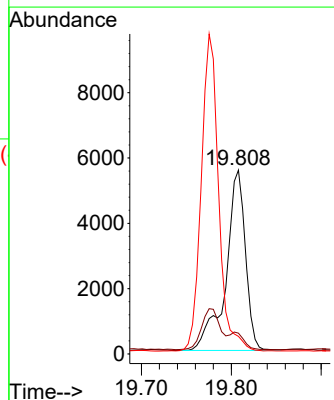
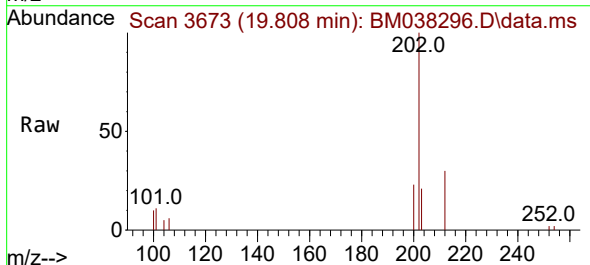
Instrument :
BNA_M
ClientSampleId :

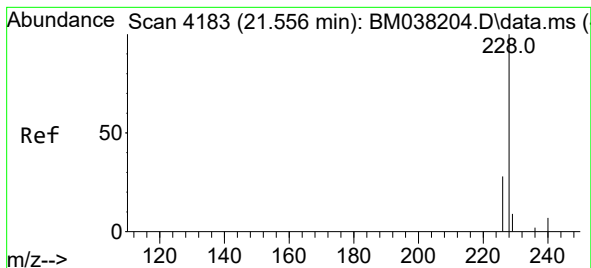
Tgt Ion:202 Resp: 8180
Ion Ratio Lower Upper
202 100
101 12.5 7.5 11.3#
100 9.5 5.6 8.4#



#20
Pyrene
Concen: 0.183 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.004 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

Tgt Ion:202 Resp: 8370
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 9.6 7.4 11.0





#21

Benzo(a)anthracene

Concen: 0.108 ng/ul

RT: 21.548 min Scan# 41

Delta R.T. -0.003 min

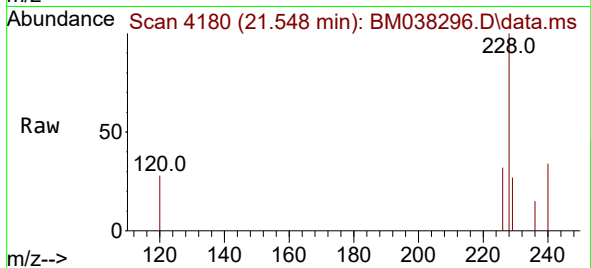
Lab File: BM038296.D

Acq: 25 Dec 2022 07:05

Instrument :

BNA_M

ClientSampleId :



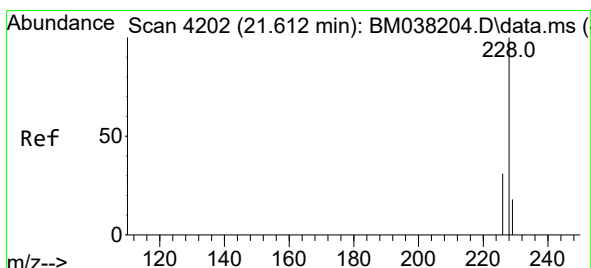
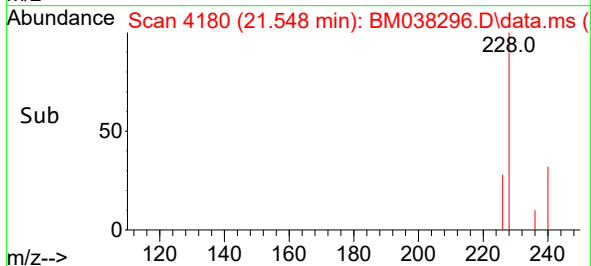
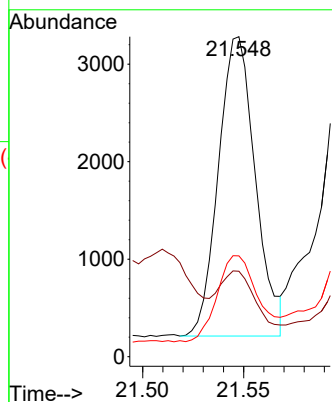
Tgt Ion:228 Resp: 3905

Ion Ratio Lower Upper

228 100

229 26.7 15.5 23.3#

226 31.5 22.2 33.2



#22

Chrysene

Concen: 0.137 ng/ul

RT: 21.600 min Scan# 4198

Delta R.T. -0.006 min

Lab File: BM038296.D

Acq: 25 Dec 2022 07:05

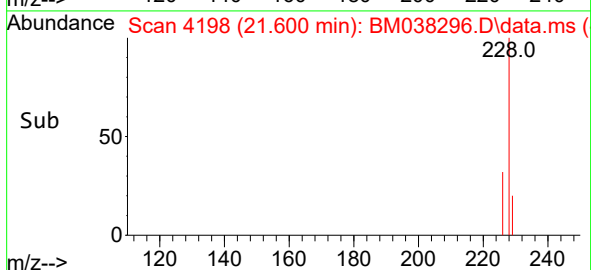
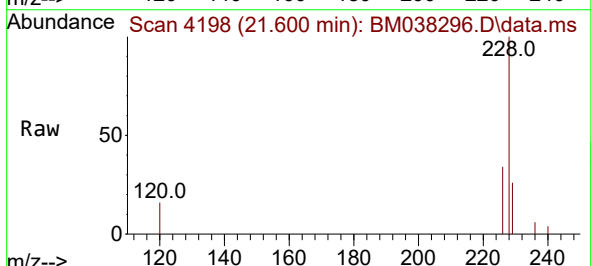
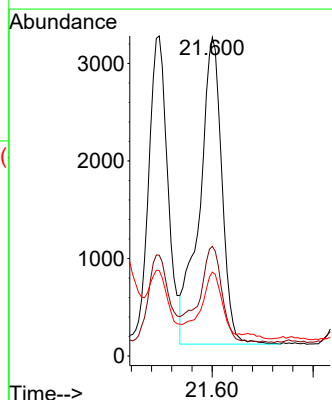
Tgt Ion:228 Resp: 4838

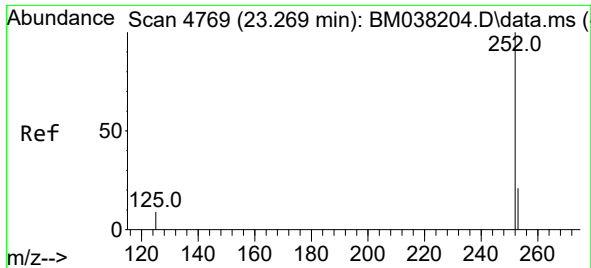
Ion Ratio Lower Upper

228 100

226 34.4 25.0 37.4

229 26.3 16.0 24.0#

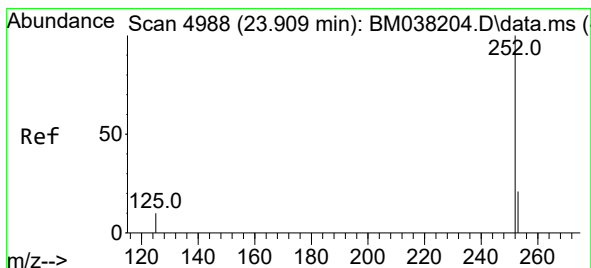
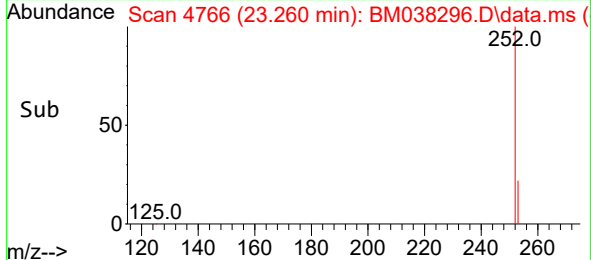
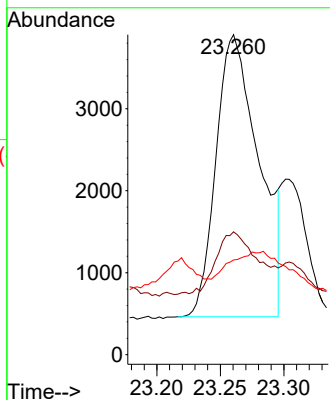
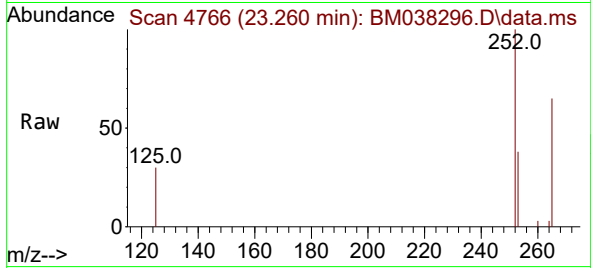




#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 23.260 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

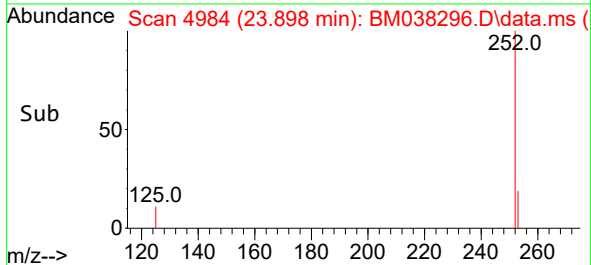
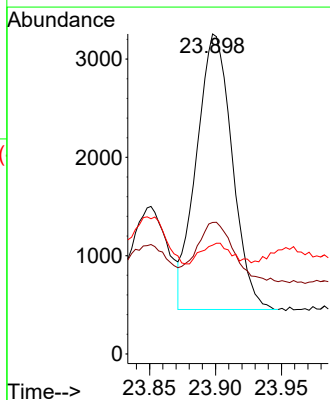
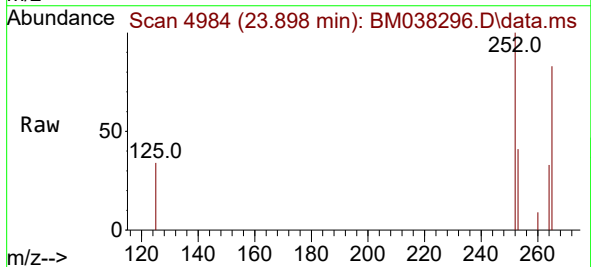
Instrument :
BNA_M
ClientSampleId :

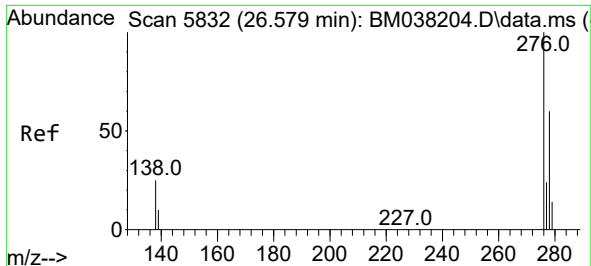
Tgt Ion:252 Resp: 8093
Ion Ratio Lower Upper
252 100
253 38.4 0.0 56.0
125 29.6 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.178 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038296.D
Acq: 25 Dec 2022 07:05

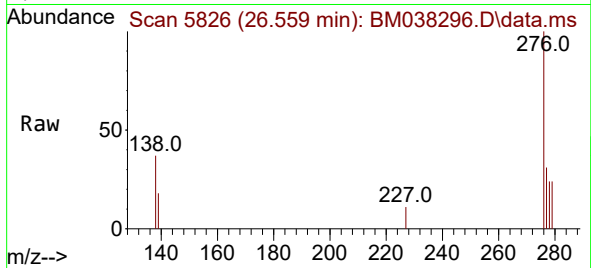
Tgt Ion:252 Resp: 5270
Ion Ratio Lower Upper
252 100
253 41.1 24.2 36.4#
125 34.0 17.3 25.9#



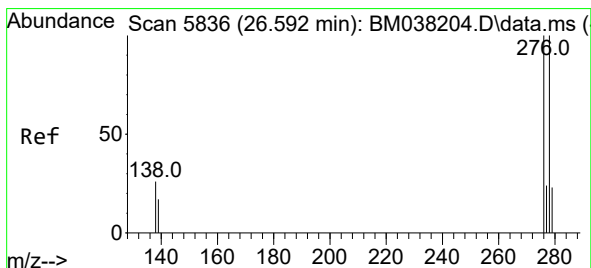
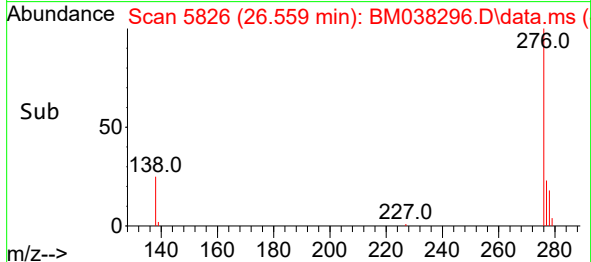
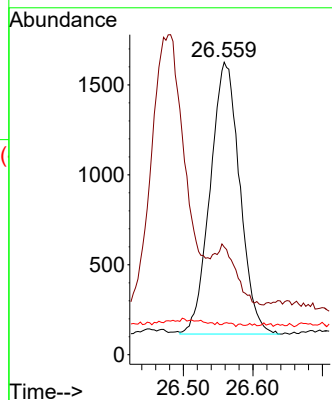


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.109 ng/ul
 RT: 26.559 min Scan# 5826
 Delta R.T. -0.010 min
 Lab File: BM038296.D
 Acq: 25 Dec 2022 07:05

Instrument :
 BNA_M
 ClientSampleId :

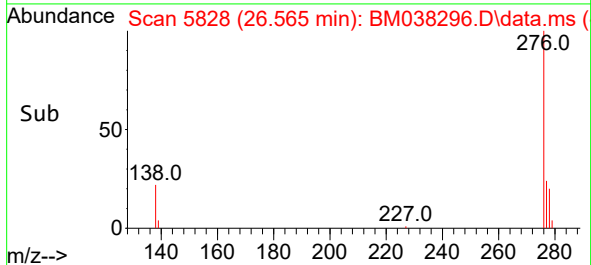
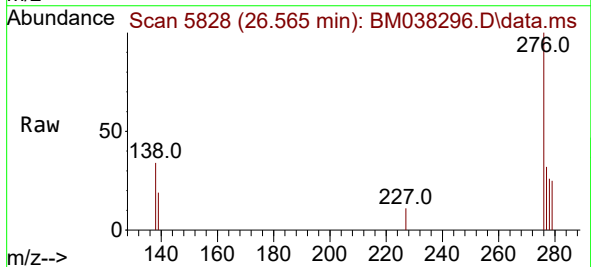
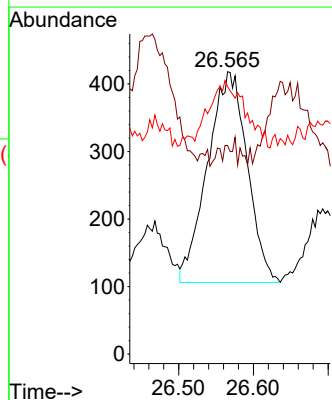


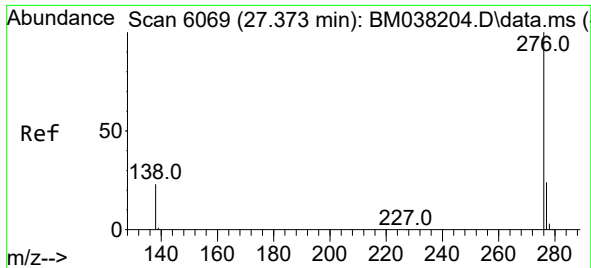
Tgt Ion:276 Resp: 4459
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.7 32.5#
 227 0.4 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 26.565 min Scan# 5828
 Delta R.T. -0.023 min
 Lab File: BM038296.D
 Acq: 25 Dec 2022 07:05

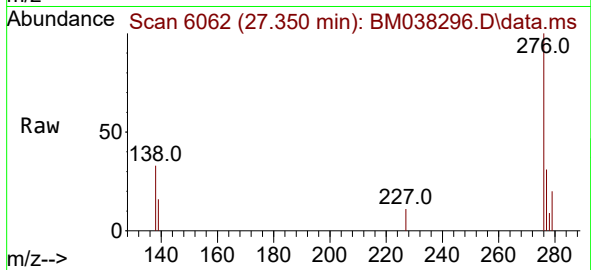
Tgt Ion:278 Resp: 1149
 Ion Ratio Lower Upper
 278 100
 139 73.9 16.8 25.2#
 279 94.7 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.134 ng/ul
 RT: 27.350 min Scan# 6062
 Delta R.T. -0.010 min
 Lab File: BM038296.D
 Acq: 25 Dec 2022 07:05

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 4636
 Ion Ratio Lower Upper
 276 100
 138 33.0 20.8 31.2#
 277 30.9 20.5 30.7#

