

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037125.D
 Acq On : 17 Oct 2022 22:59
 Operator : CG/JU
 Sample : N4984-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC5

Quant Time: Oct 17 23:56:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

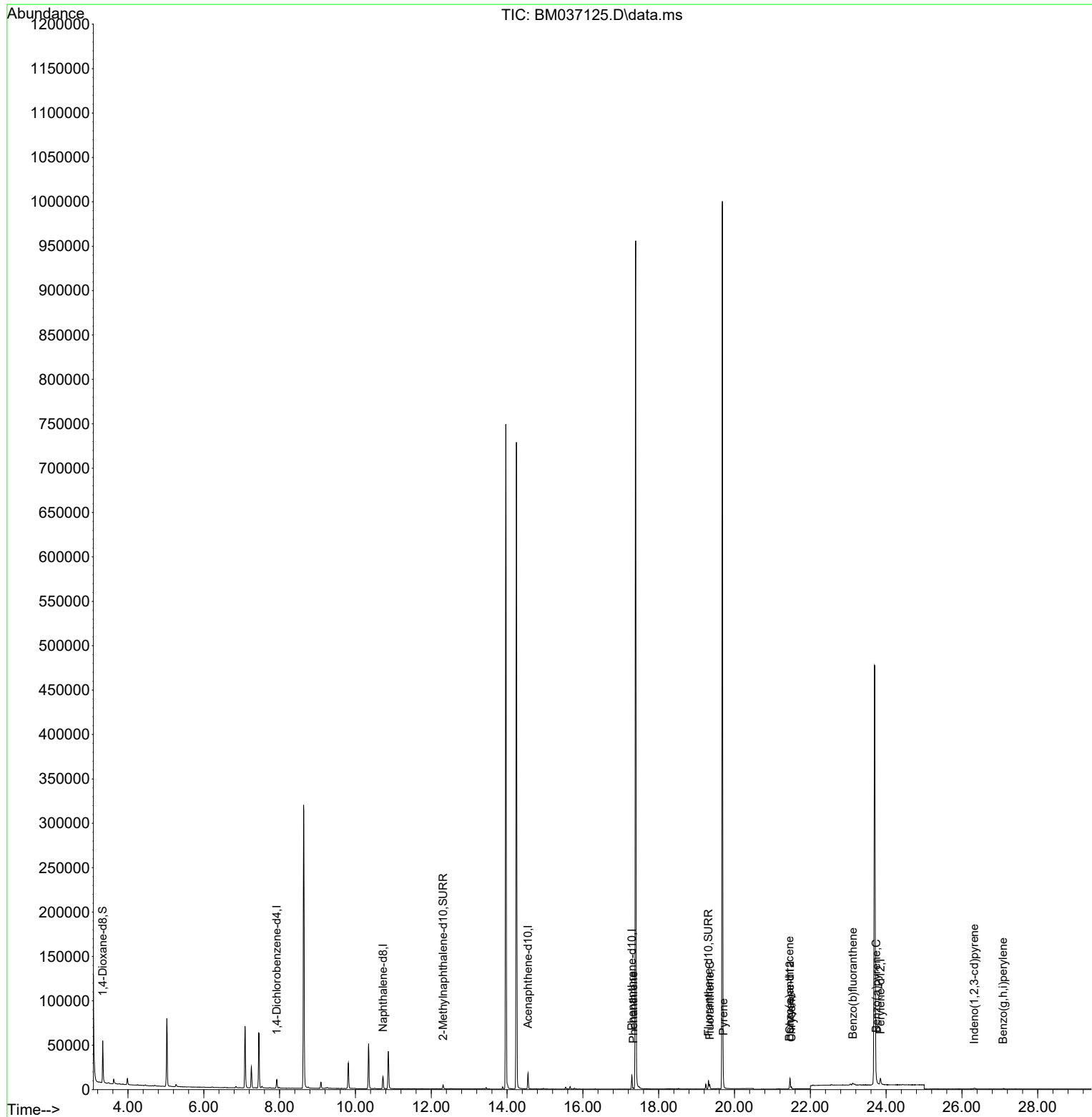
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	4933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	18119	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	9388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	17501	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	10425	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	9688	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	30192	4.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	5889	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	9397	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.331	178	1370	0.025	ng/ul#	84
19) Fluoranthene	19.346	202	4076	0.098	ng/ul	95
20) Pyrene	19.708	202	3664	0.085	ng/ul#	93
21) Benzo(a)anthracene	21.449	228	1627	0.043	ng/ul#	91
22) Chrysene	21.502	228	2192	0.054	ng/ul#	92
24) Benzo(b)fluoranthene	23.124	252	3105	0.072	ng/ul#	38
26) Benzo(a)pyrene	23.741	252	1606	0.046	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	26.325	276	1417	0.028	ng/ul#	96
29) Benzo(g,h,i)perylene	27.087	276	1203	0.027	ng/ul#	59

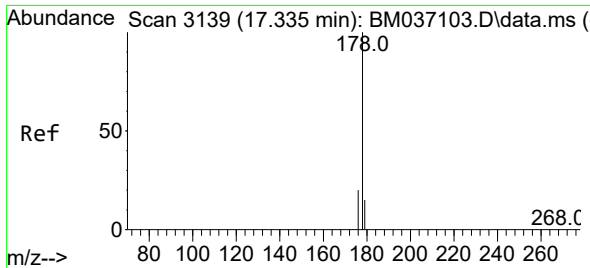
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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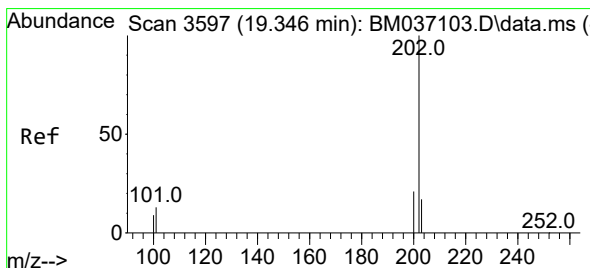
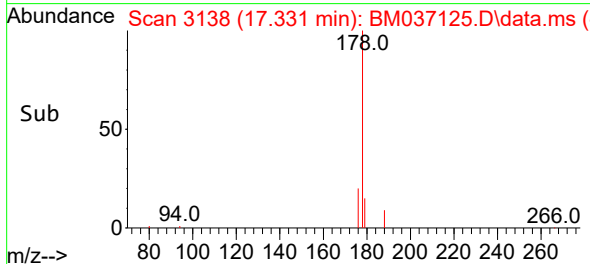
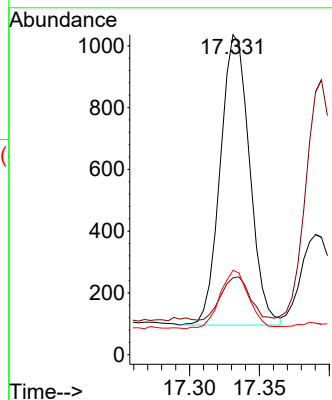
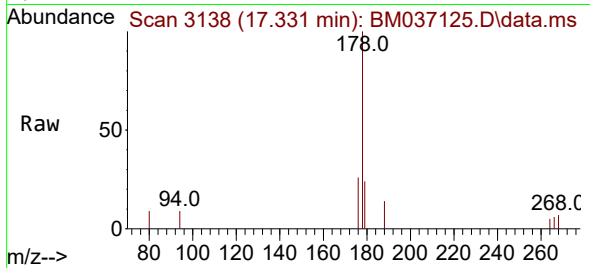




#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.331 min Scan# 3138
Delta R.T. -0.007 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

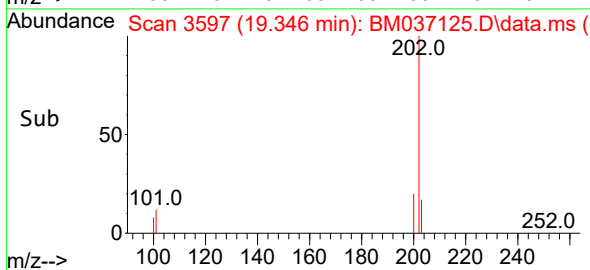
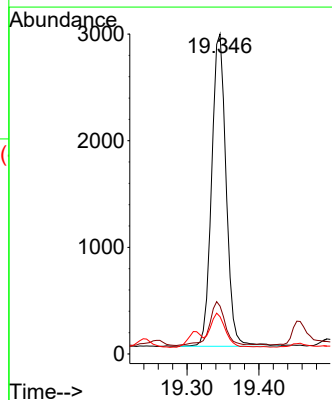
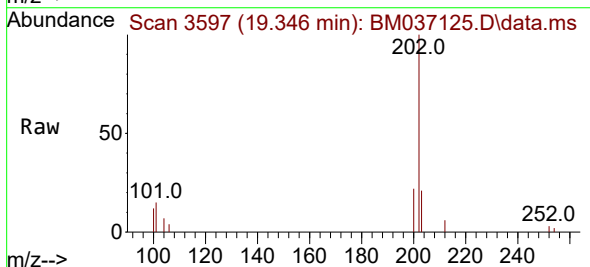
Instrument :
BNA_M
ClientSampleId :
BGNC5

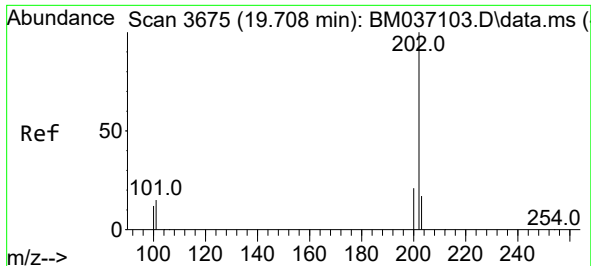
Tgt Ion:178 Resp: 1370
Ion Ratio Lower Upper
178 100
179 24.0 13.0 19.6#
176 26.4 15.6 23.4#



#19
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

Tgt Ion:202 Resp: 4076
Ion Ratio Lower Upper
202 100
101 14.9 10.1 15.1
100 11.6 7.9 11.9

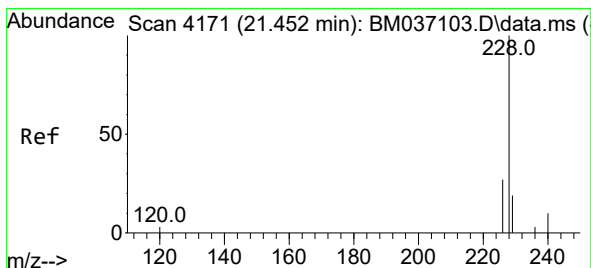
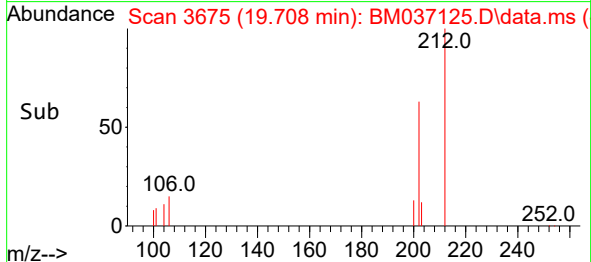
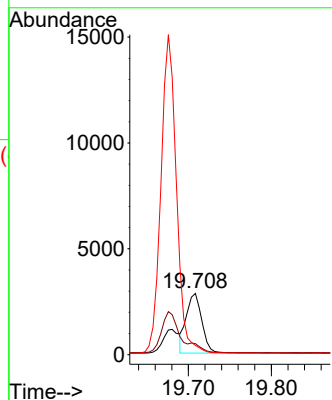
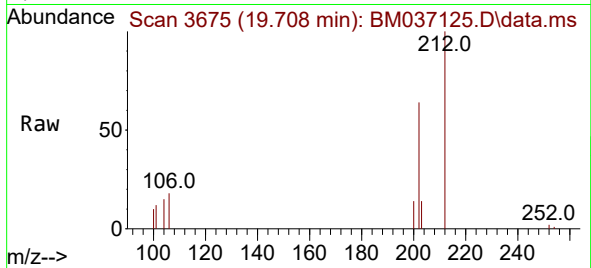




#20
Pyrene
Concen: 0.085 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

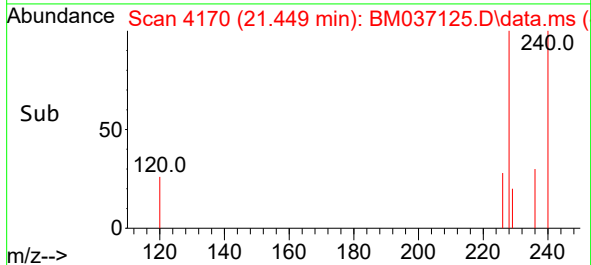
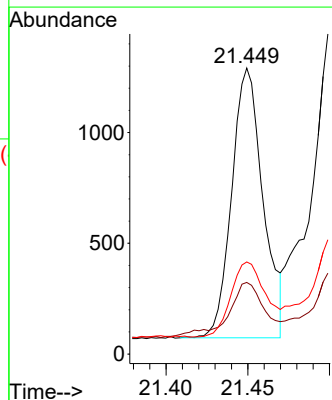
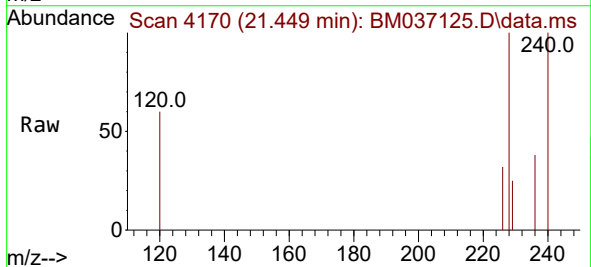
Instrument :
BNA_M
ClientSampleId :
BGNC5

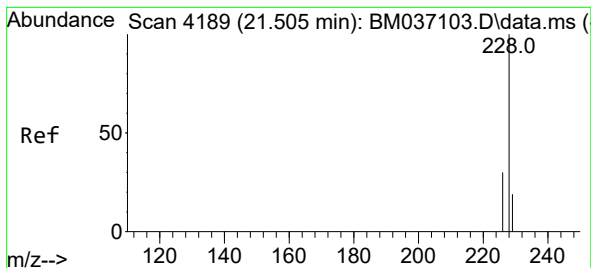
Tgt Ion:202 Resp: 3664
Ion Ratio Lower Upper
202 100
101 18.0 12.0 18.0#
100 15.1 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

Tgt Ion:228 Resp: 1627
Ion Ratio Lower Upper
228 100
229 25.0 16.2 24.2#
226 32.2 22.5 33.7





#22

Chrysene

Concen: 0.054 ng/ul

RT: 21.502 min Scan# 4188

Delta R.T. -0.001 min

Lab File: BM037125.D

Acq: 17 Oct 2022 22:59

Instrument :

BNA_M

ClientSampleId :

BGNC5

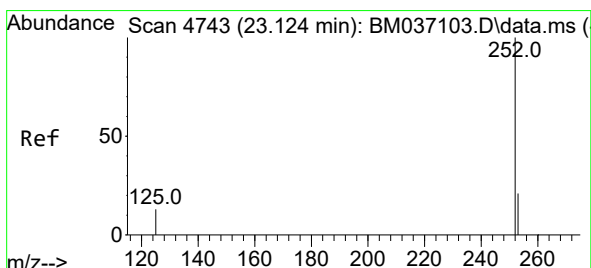
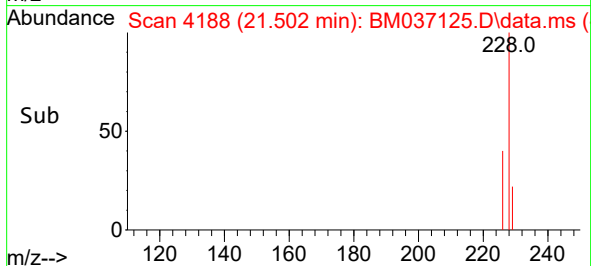
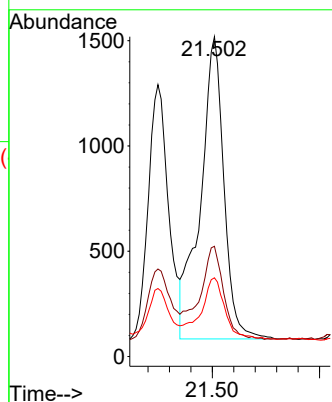
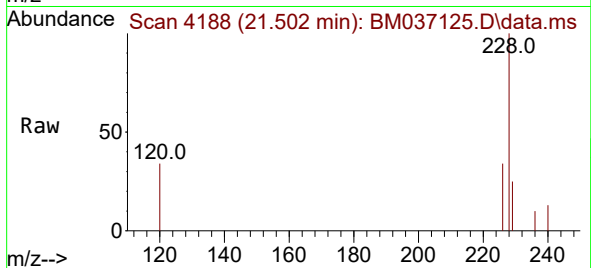
Tgt Ion:228 Resp: 2192

Ion Ratio Lower Upper

228 100

226 34.5 24.6 37.0

229 24.6 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.072 ng/ul

RT: 23.124 min Scan# 4743

Delta R.T. 0.002 min

Lab File: BM037125.D

Acq: 17 Oct 2022 22:59

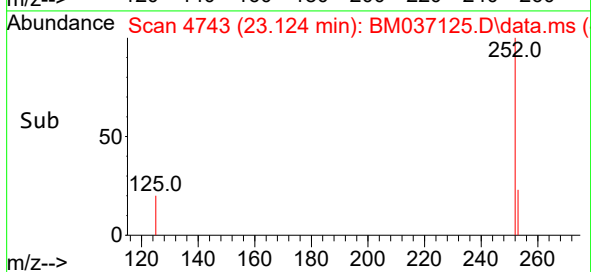
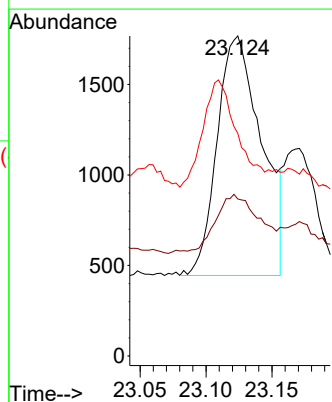
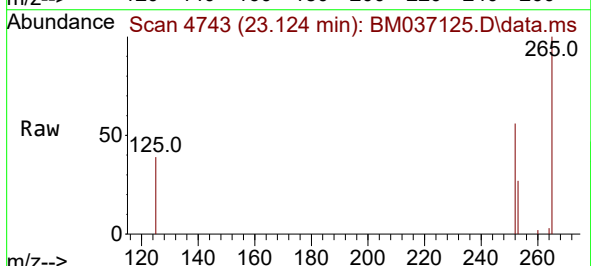
Tgt Ion:252 Resp: 3105

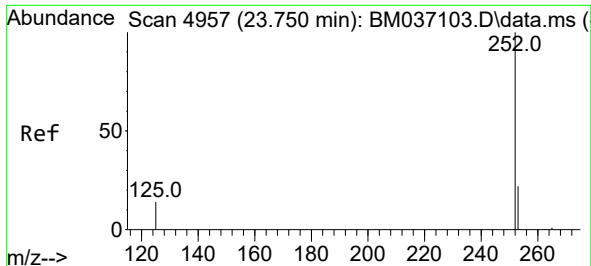
Ion Ratio Lower Upper

252 100

253 49.0 0.0 61.4

125 69.6 0.0 42.6#

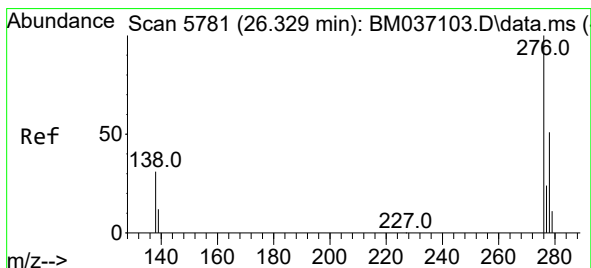
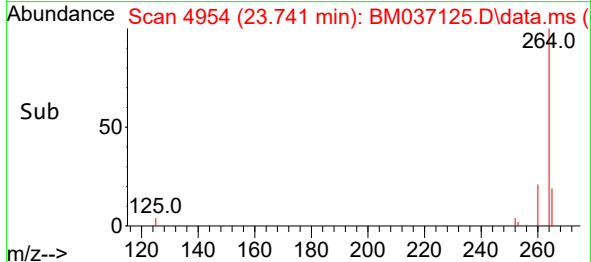
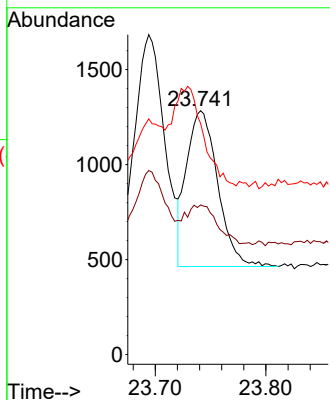
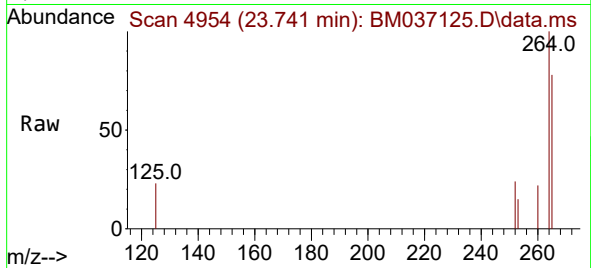




#26
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.741 min Scan# 4954
Delta R.T. -0.004 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

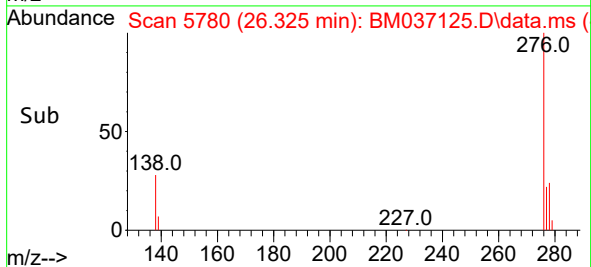
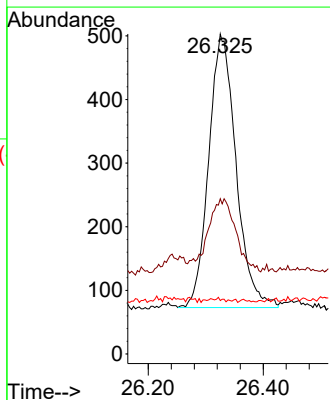
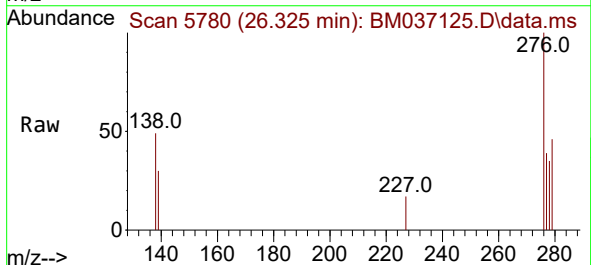
Instrument :
BNA_M
ClientSampleId :
BGNC5

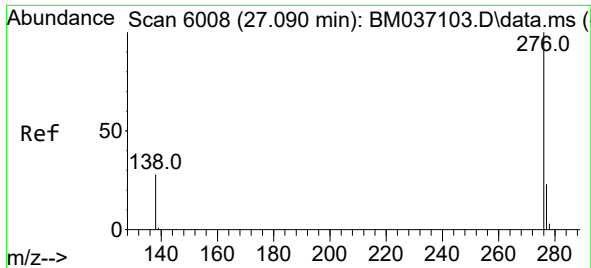
Tgt Ion:252 Resp: 1606
Ion Ratio Lower Upper
252 100
253 61.4 29.7 44.5#
125 94.8 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

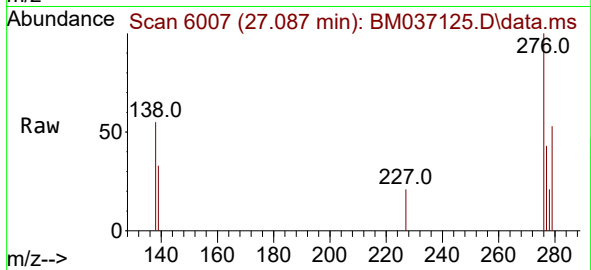
Tgt Ion:276 Resp: 1417
Ion Ratio Lower Upper
276 100
138 27.9 23.9 35.9
227 0.3 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 27.087 min Scan# 60
Delta R.T. -0.001 min
Lab File: BM037125.D
Acq: 17 Oct 2022 22:59

Instrument :
BNA_M
ClientSampleId :
BGNC5



Tgt Ion:276 Resp: 1203
Ion Ratio Lower Upper
276 100
138 54.9 23.4 35.0#
277 43.0 21.0 31.4#

