

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037122.D
 Acq On : 17 Oct 2022 21:12
 Operator : CG/JU
 Sample : N4984-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB6

Quant Time: Oct 17 23:56:12 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)

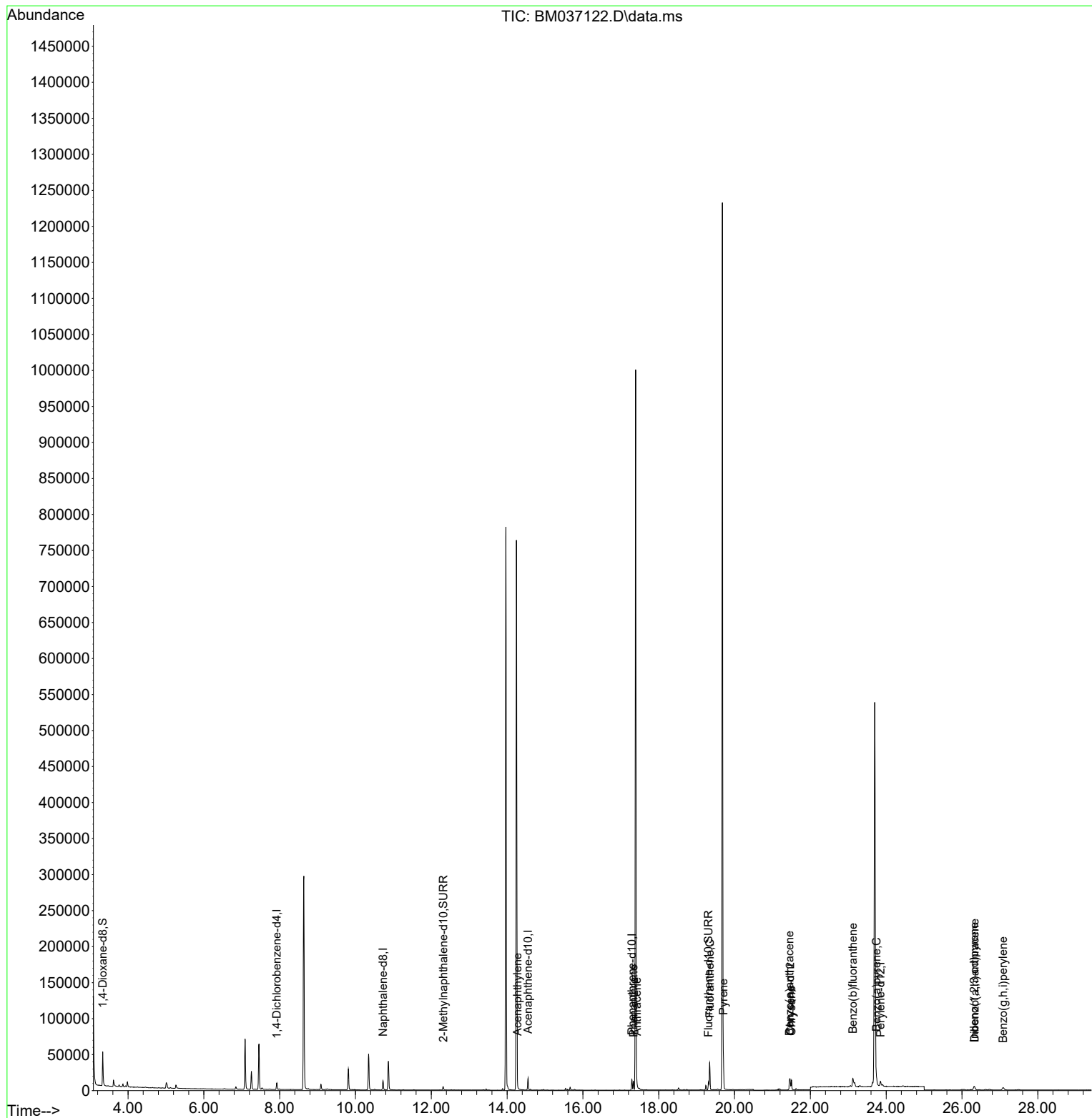
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	4566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	16878	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	8756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	17150	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	11025	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	9855	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	30259	4.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6251	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	11403	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.275	152	769	0.021	ng/ul#	68
15) Phenanthrene	17.335	178	12840	0.235	ng/ul	99
16) Anthracene	17.424	178	2504	0.055	ng/ul#	90
19) Fluoranthene	19.346	202	32305	0.737	ng/ul	99
20) Pyrene	19.708	202	29406	0.643	ng/ul	99
21) Benzo(a)anthracene	21.449	228	10647	0.267	ng/ul	98
22) Chrysene	21.502	228	13935	0.326	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	18337	0.417	ng/ul	93
26) Benzo(a)pyrene	23.744	252	10904	0.305	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.325	276	8621	0.170	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.332	278	2108	0.052	ng/ul#	66
29) Benzo(g,h,i)perylene	27.087	276	7384	0.166	ng/ul	97

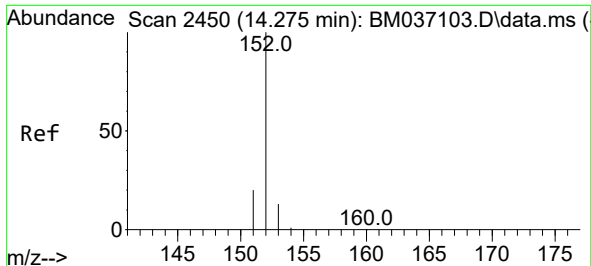
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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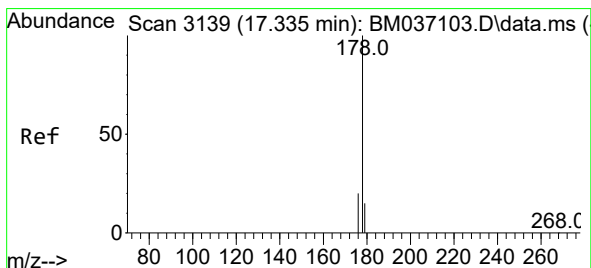
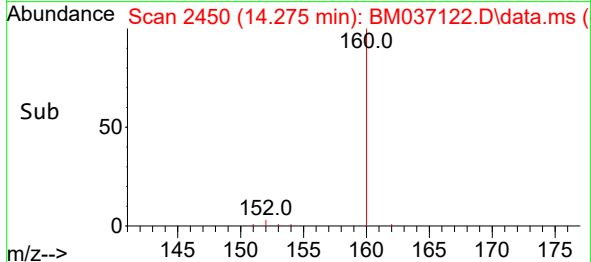
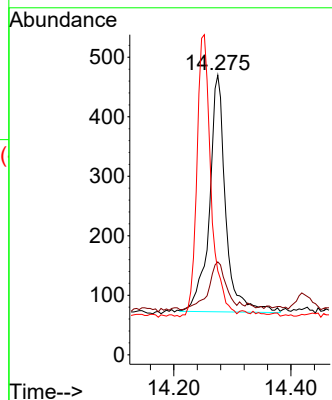
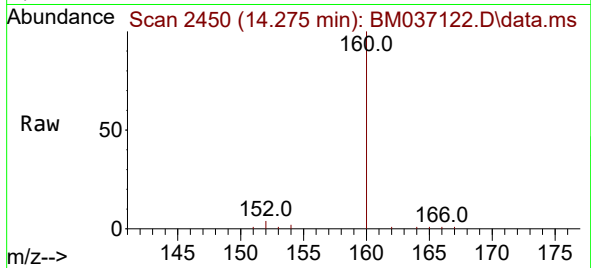




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

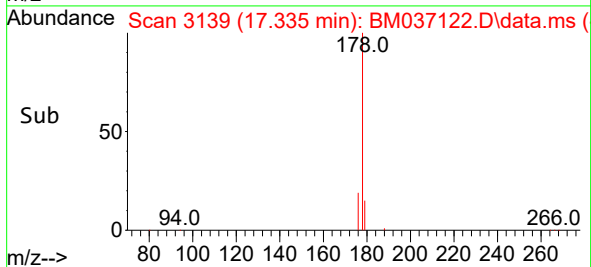
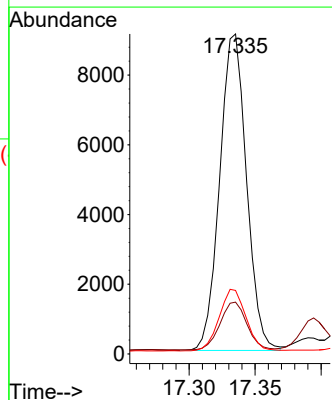
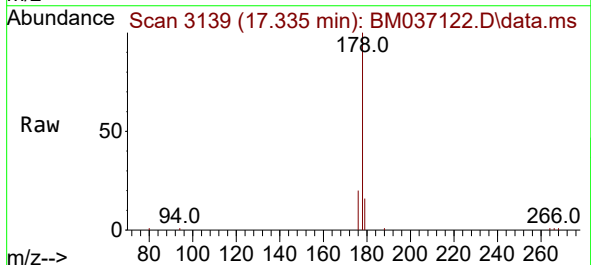
Instrument :
BNA_M
ClientSampleId :
BGNB6

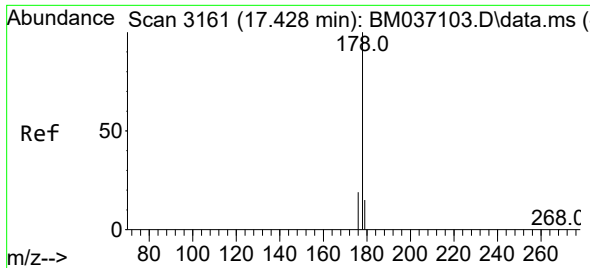
Tgt Ion:152 Resp: 769
Ion Ratio Lower Upper
152 100
151 33.2 16.6 24.8#
153 30.0 11.4 17.0#



#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

Tgt Ion:178 Resp: 12840
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.8 15.6 23.4

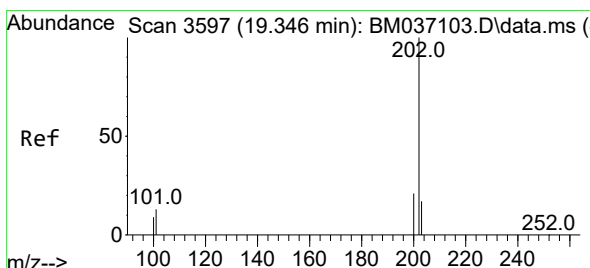
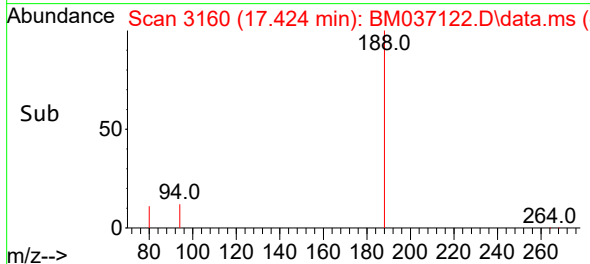
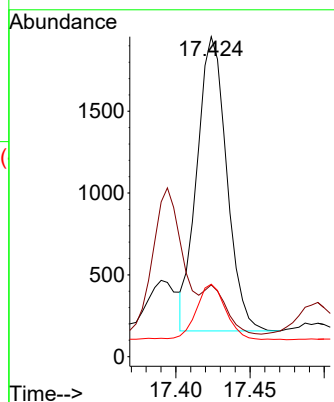
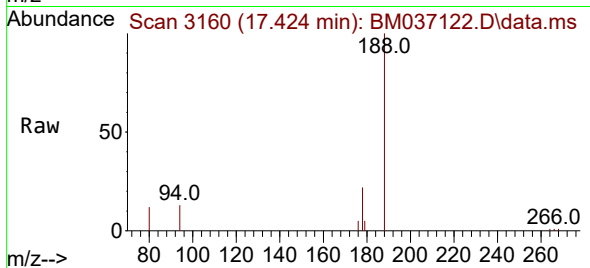




#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.424 min Scan# 3160
 Delta R.T. -0.008 min
 Lab File: BM037122.D
 Acq: 17 Oct 2022 21:12

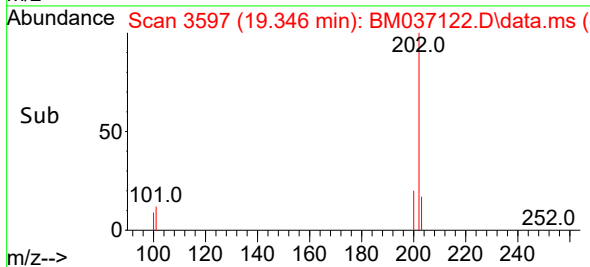
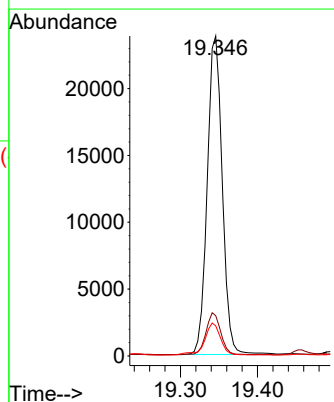
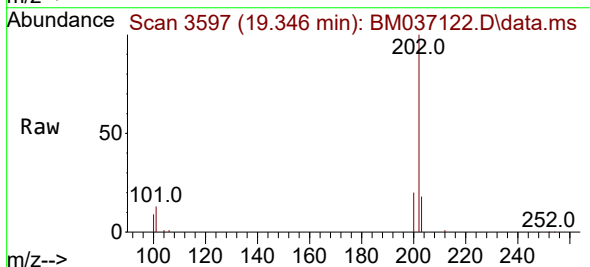
Instrument :
 BNA_M
 ClientSampleId :
 BGNB6

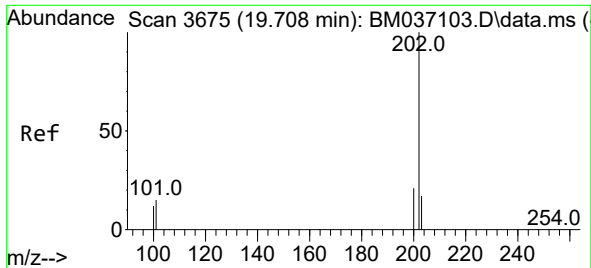
Tgt Ion:178 Resp: 2504
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.6 20.4#
 176 22.6 15.6 23.4



#19
 Fluoranthene
 Concen: 0.737 ng/ul
 RT: 19.346 min Scan# 3597
 Delta R.T. -0.004 min
 Lab File: BM037122.D
 Acq: 17 Oct 2022 21:12

Tgt Ion:202 Resp: 32305
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.1 15.1
 100 9.4 7.9 11.9

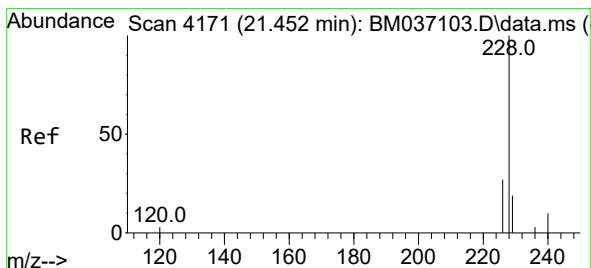
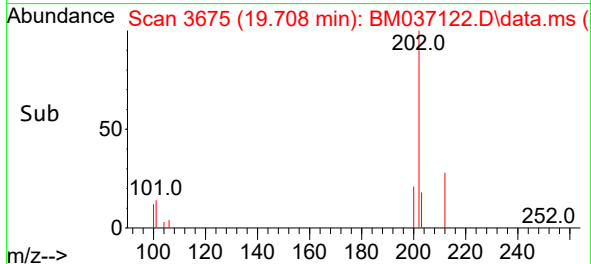
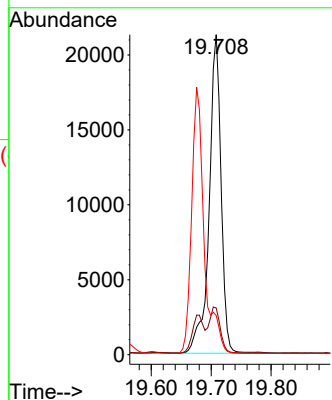
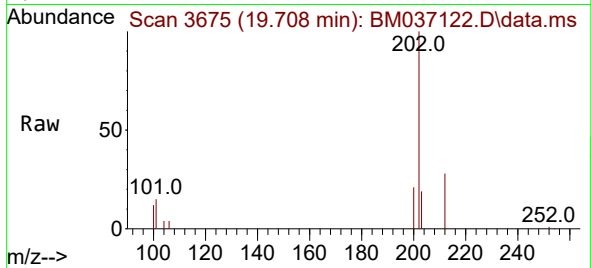




#20
Pyrene
Concen: 0.643 ng/ul
RT: 19.708 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

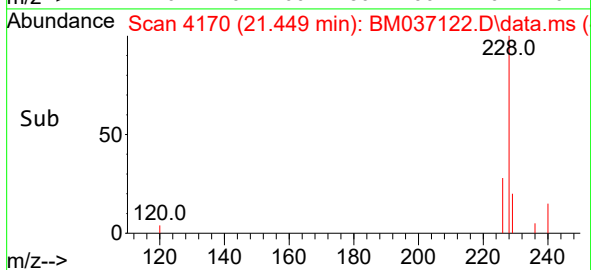
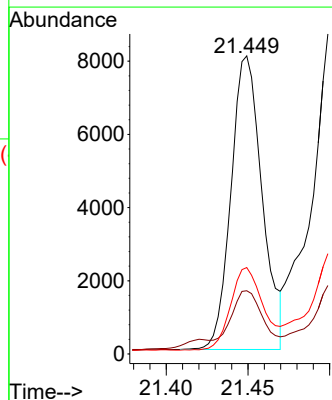
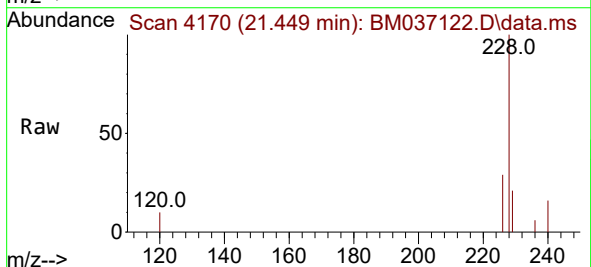
Instrument :
BNA_M
ClientSampleId :
BGNB6

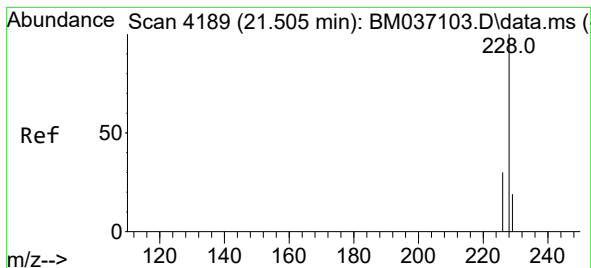
Tgt Ion:202 Resp: 29406
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 12.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

Tgt Ion:228 Resp: 10647
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 29.0 22.5 33.7





#22

Chrysene

Concen: 0.326 ng/ul

RT: 21.502 min Scan# 4189

Delta R.T. -0.001 min

Lab File: BM037122.D

Acq: 17 Oct 2022 21:12

Instrument :

BNA_M

ClientSampleId :

BGNB6

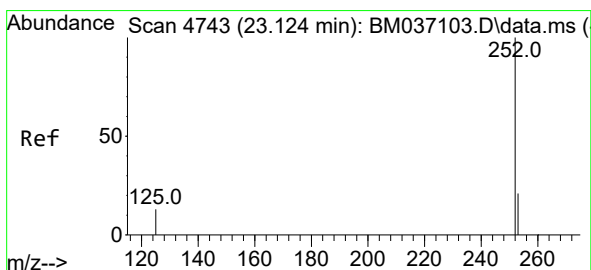
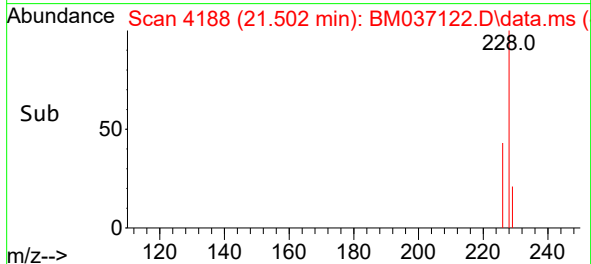
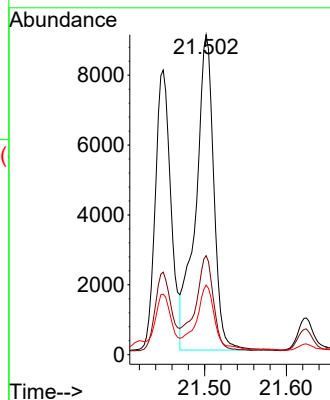
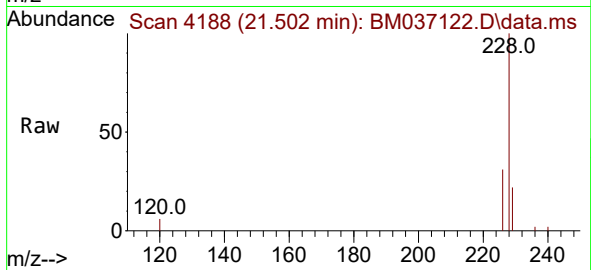
Tgt Ion:228 Resp: 13935

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

229 21.8 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.417 ng/ul

RT: 23.124 min Scan# 4743

Delta R.T. 0.002 min

Lab File: BM037122.D

Acq: 17 Oct 2022 21:12

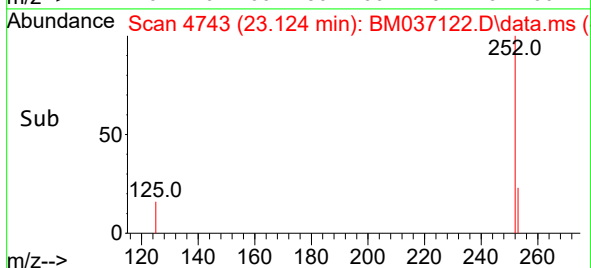
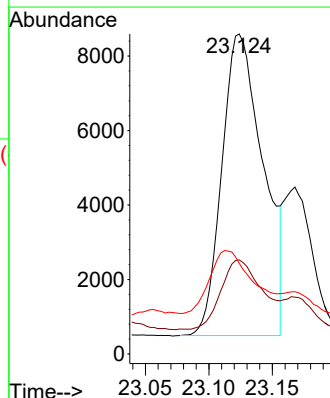
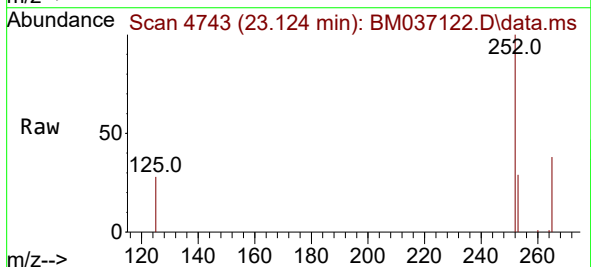
Tgt Ion:252 Resp: 18337

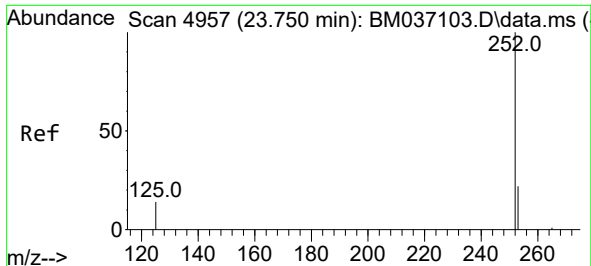
Ion Ratio Lower Upper

252 100

253 29.4 0.0 61.4

125 28.3 0.0 42.6

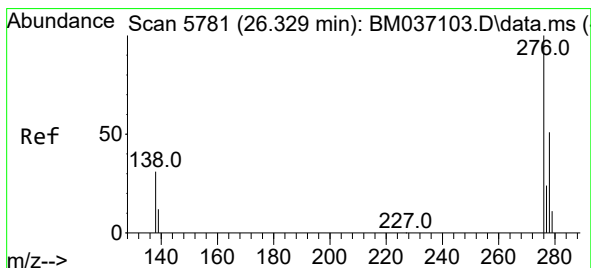
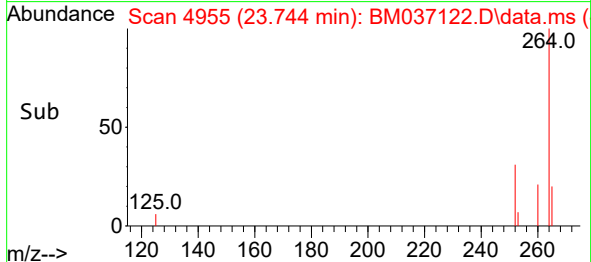
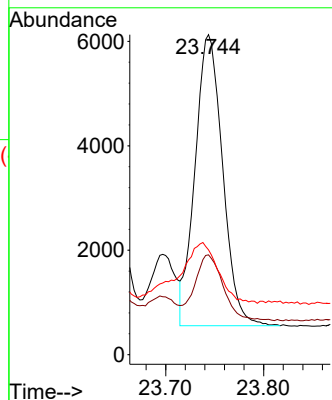
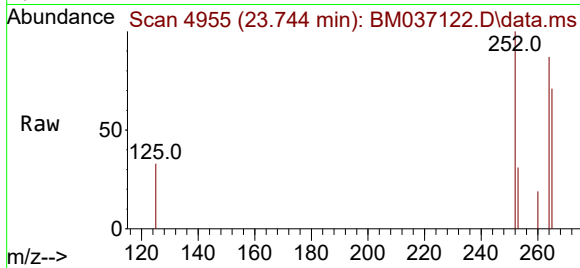




#26
Benzo(a)pyrene
Concen: 0.305 ng/ul
RT: 23.744 min Scan# 4957
Delta R.T. -0.001 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

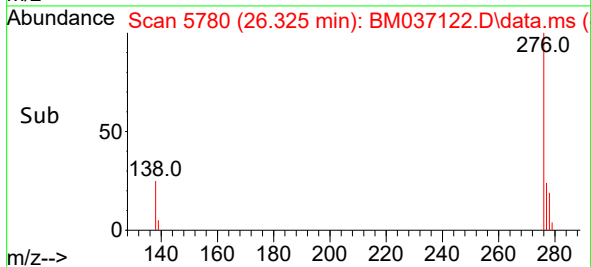
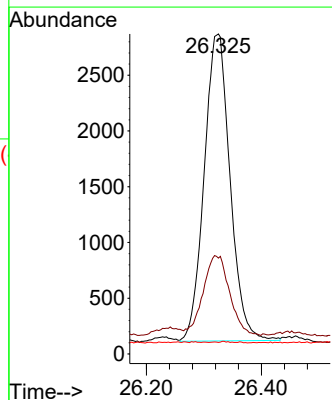
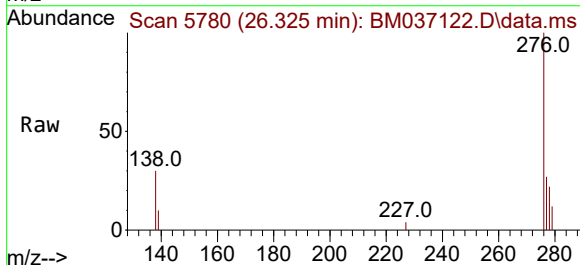
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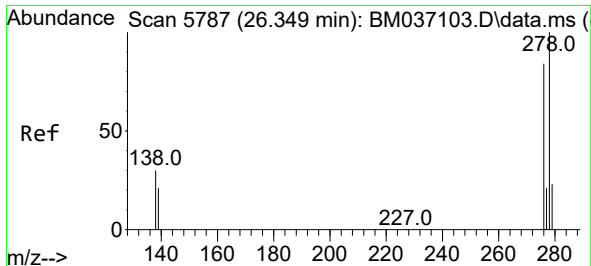
Tgt Ion:252 Resp: 10904
Ion Ratio Lower Upper
252 100
253 31.2 29.7 44.5
125 32.8 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

Tgt Ion:276 Resp: 8621
Ion Ratio Lower Upper
276 100
138 26.6 23.9 35.9
227 0.0 0.1 0.1#

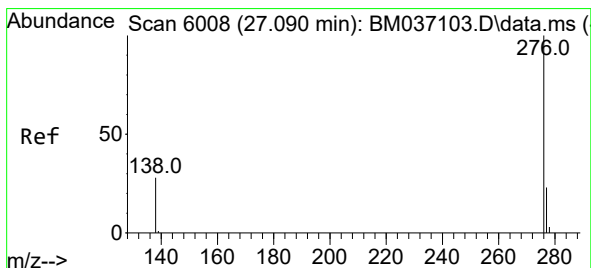
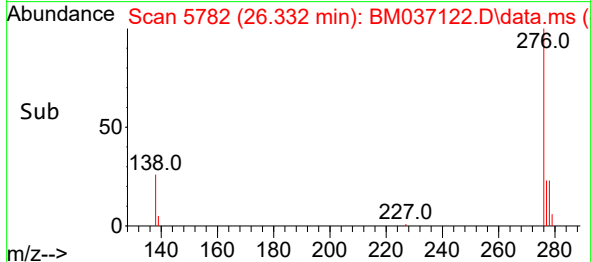
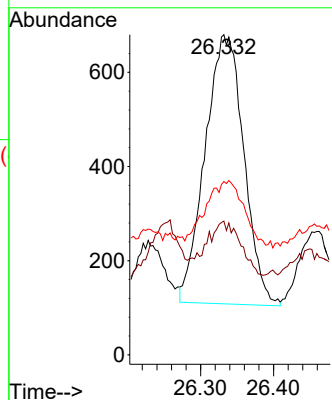
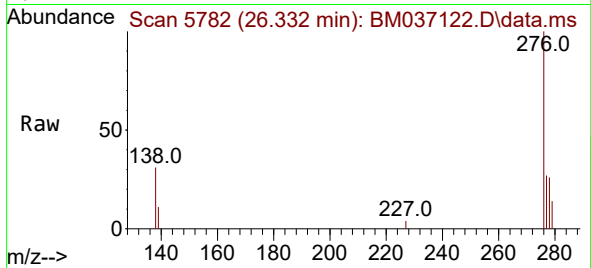




#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.332 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

Instrument :
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Tgt Ion:278 Resp: 2108
Ion Ratio Lower Upper
278 100
139 41.8 19.8 29.6#
279 54.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037122.D
Acq: 17 Oct 2022 21:12

Tgt Ion:276 Resp: 7384
Ion Ratio Lower Upper
276 100
138 32.4 23.4 35.0
277 26.1 21.0 31.4

