

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038281.D
 Acq On : 24 Dec 2022 21:32
 Operator : CG/JU
 Sample : N6016-05
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:57:45 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)

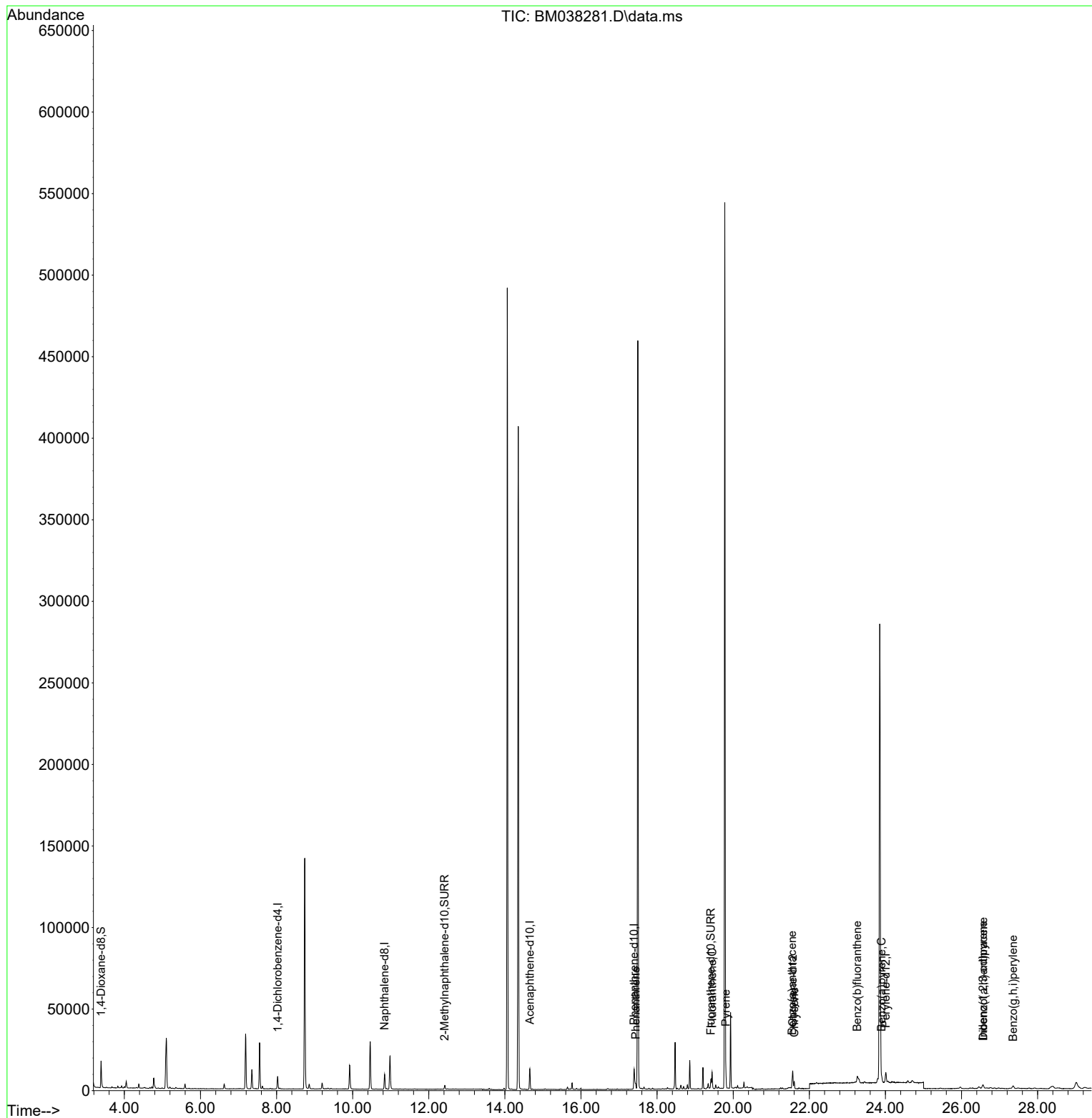
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11826	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6703	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12684	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	8832	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8376	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	9645	2.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3011	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5798	0.175	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.439	178	3098	0.073	ng/ul#	75
19) Fluoranthene	19.445	202	8193	0.169	ng/ul#	93
20) Pyrene	19.808	202	7999	0.164	ng/ul	98
21) Benzo(a)anthracene	21.548	228	3785	0.098	ng/ul#	91
22) Chrysene	21.603	228	4405	0.117	ng/ul#	93
24) Benzo(b)fluoranthene	23.260	252	7016	0.189	ng/ul	72
26) Benzo(a)pyrene	23.901	252	4662	0.144	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.562	276	3938	0.088	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.572	278	1015	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	27.357	276	3845	0.102	ng/ul#	85

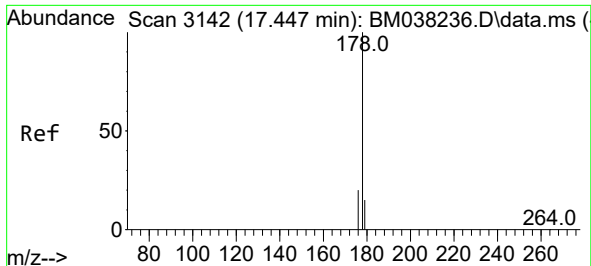
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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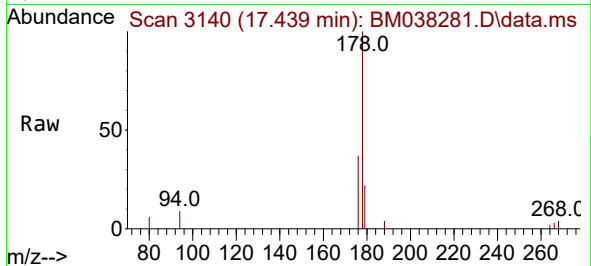
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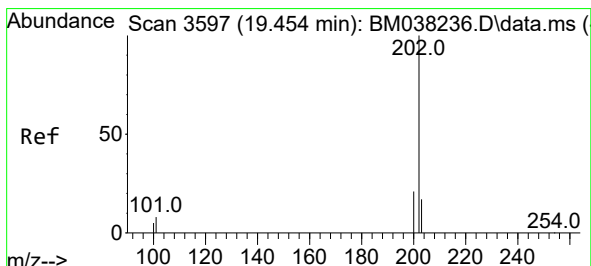
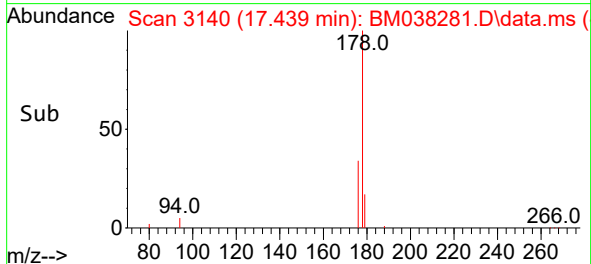
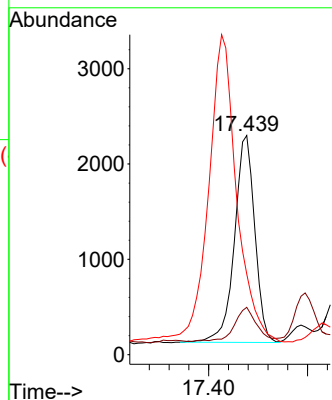


#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

Instrument :
BNA_M
ClientSampleId :

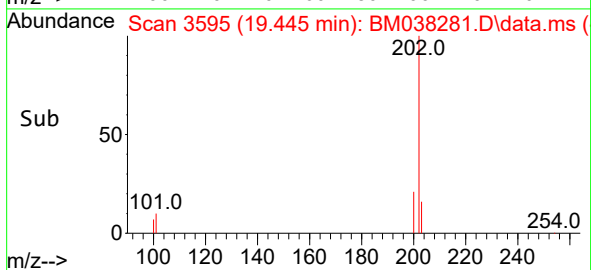
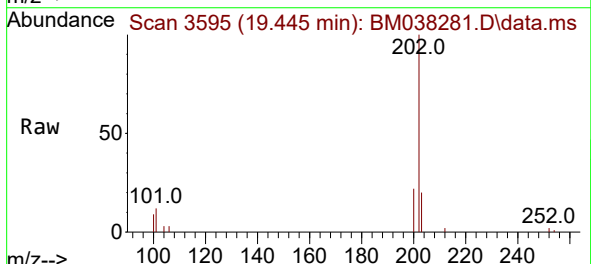
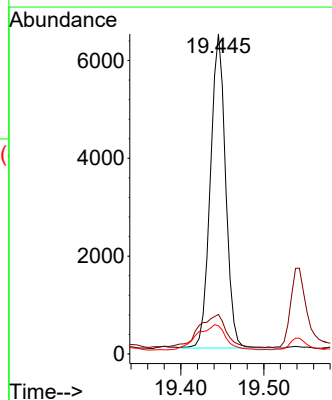


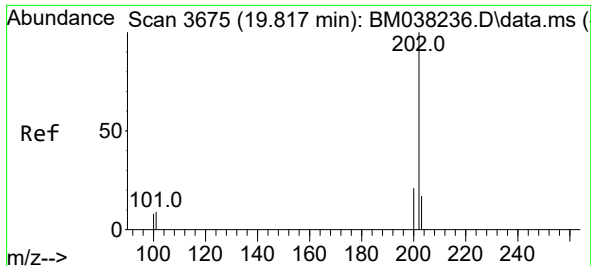
Tgt Ion:178 Resp: 3098
Ion Ratio Lower Upper
178 100
179 21.6 13.0 19.4#
176 36.7 16.2 24.4#



#19
Fluoranthene
Concen: 0.169 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.004 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

Tgt Ion:202 Resp: 8193
Ion Ratio Lower Upper
202 100
101 12.3 7.5 11.3#
100 8.8 5.6 8.4#

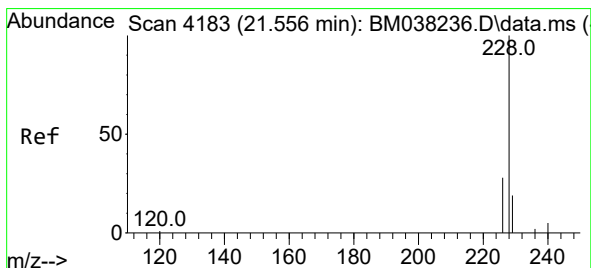
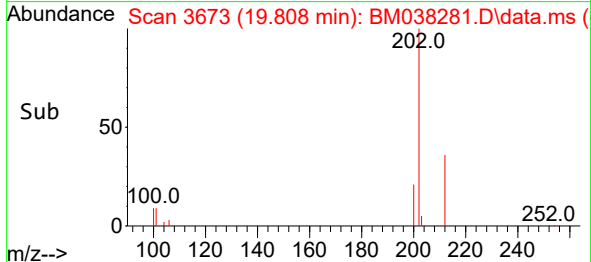
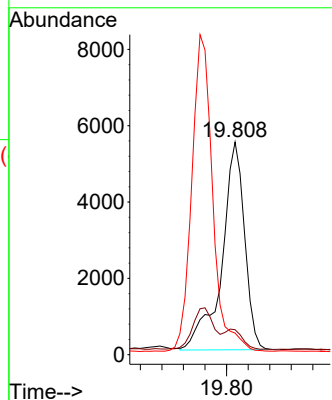
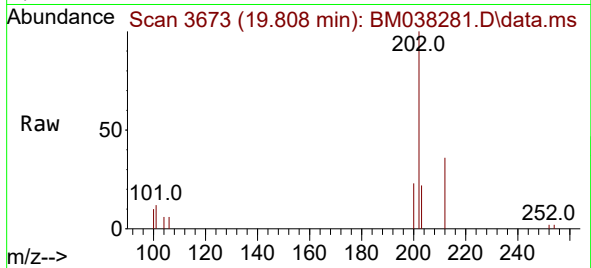




#20
Pyrene
Concen: 0.164 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.004 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

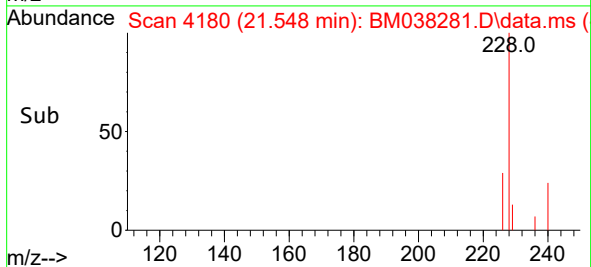
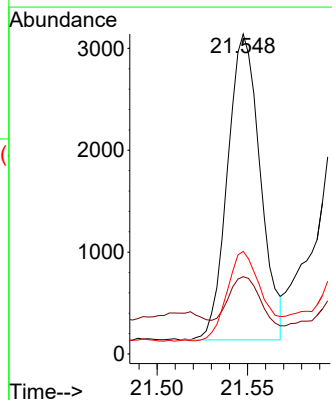
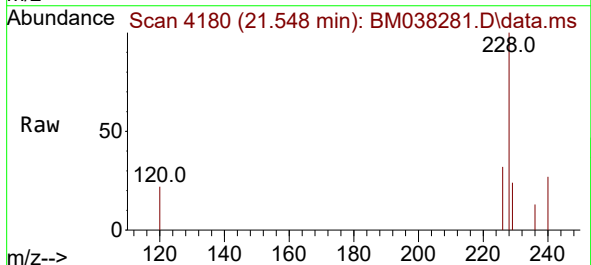
Instrument :
BNA_M
ClientSampleId :

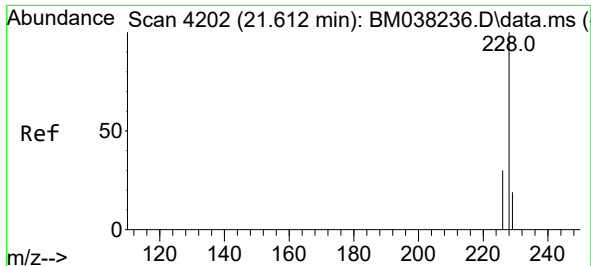
Tgt Ion:202 Resp: 7999
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
100 10.2 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

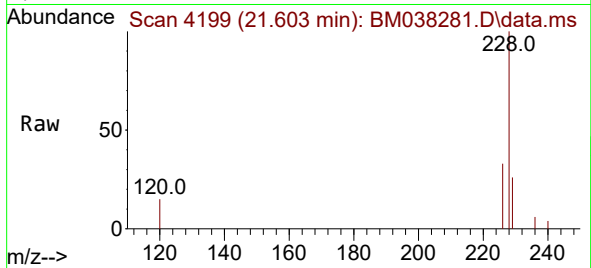
Tgt Ion:228 Resp: 3785
Ion Ratio Lower Upper
228 100
229 24.2 15.5 23.3#
226 32.0 22.2 33.2



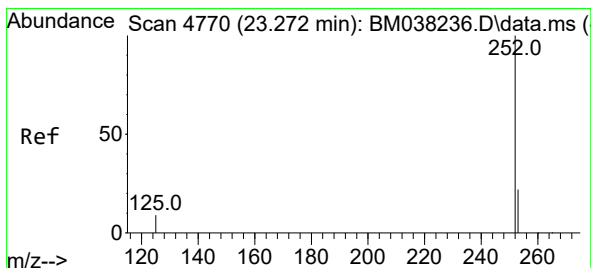
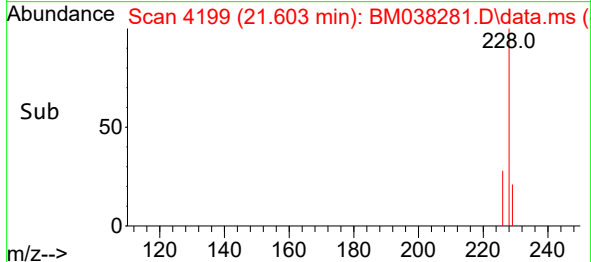
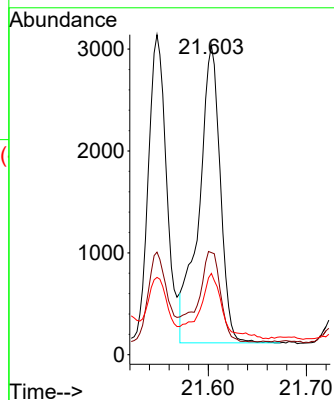


#22
Chrysene
Concen: 0.117 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

Instrument :
BNA_M
ClientSampleId :

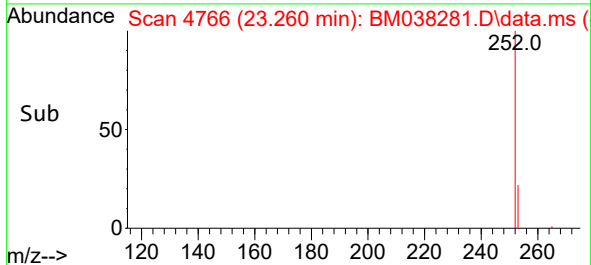
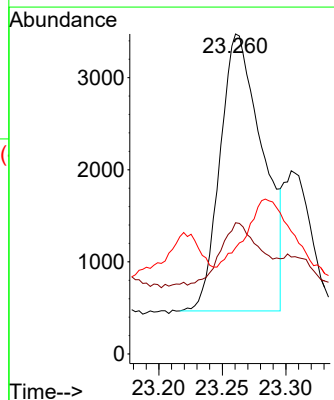
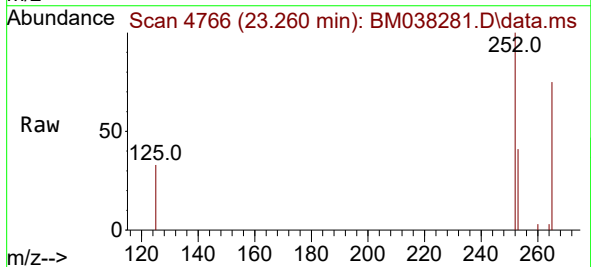


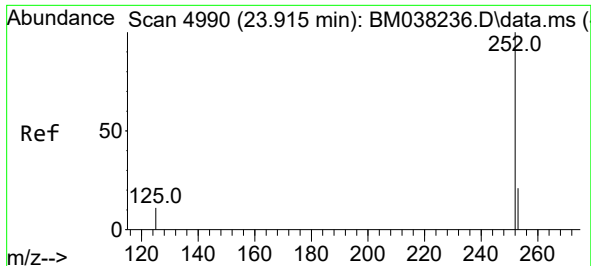
Tgt Ion:228 Resp: 4405
Ion Ratio Lower Upper
228 100
226 33.0 25.0 37.4
229 26.3 16.0 24.0#



#24
Benzo(b)fluoranthene
Concen: 0.189 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

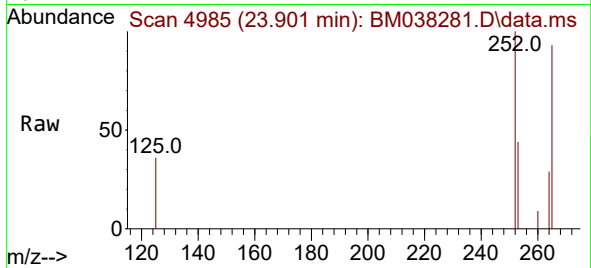
Tgt Ion:252 Resp: 7016
Ion Ratio Lower Upper
252 100
253 41.0 0.0 56.0
125 33.2 0.0 36.6



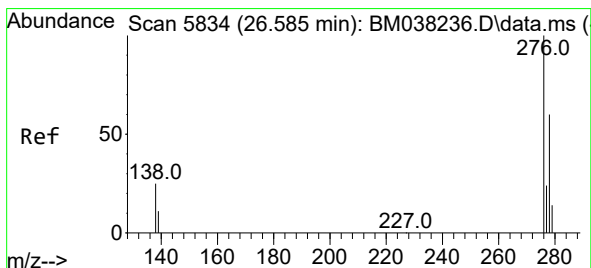
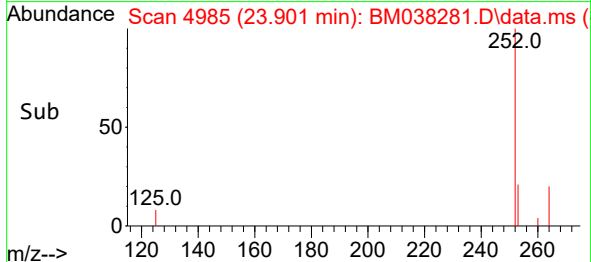
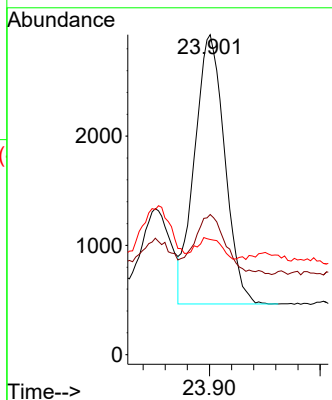


#26
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

Instrument :
BNA_M
ClientSampleId :

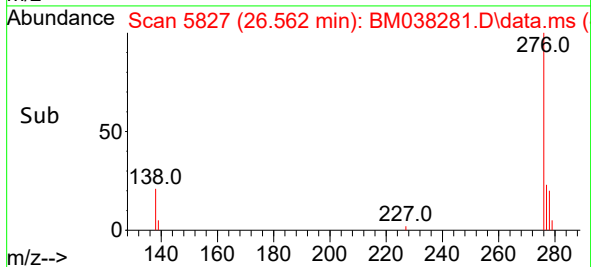
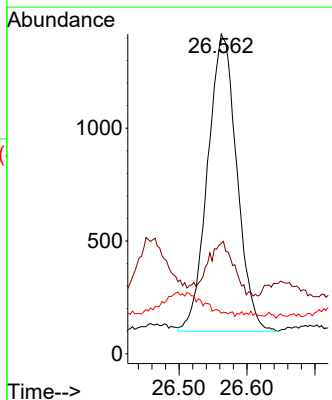
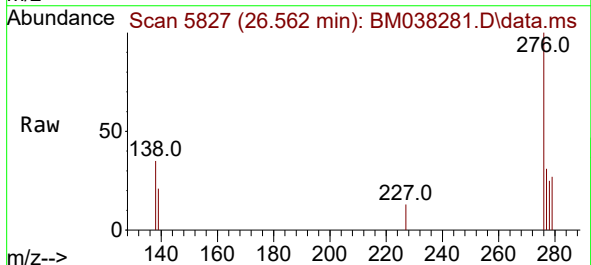


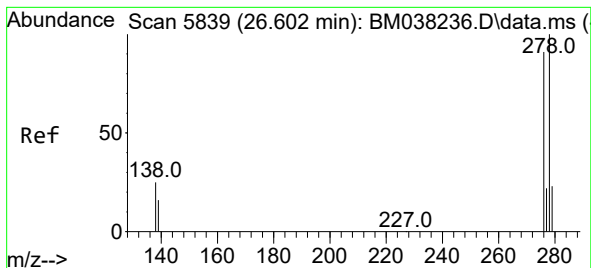
Tgt Ion:252 Resp: 4662
Ion Ratio Lower Upper
252 100
253 43.8 24.2 36.4#
125 36.0 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.006 min
Lab File: BM038281.D
Acq: 24 Dec 2022 21:32

Tgt Ion:276 Resp: 3938
Ion Ratio Lower Upper
276 100
138 18.6 21.7 32.5#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 26.572 min Scan# 51

Delta R.T. -0.017 min

Lab File: BM038281.D

Acq: 24 Dec 2022 21:32

Instrument :

BNA_M

ClientSampleId :

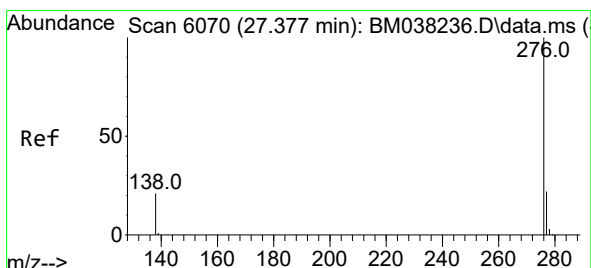
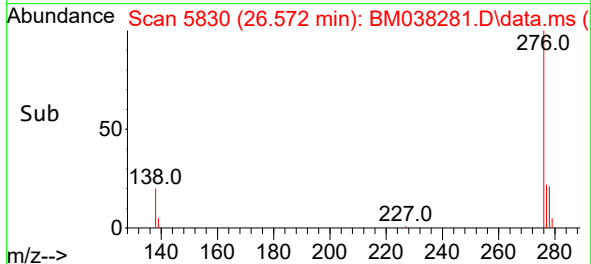
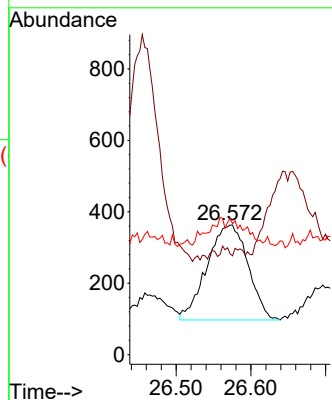
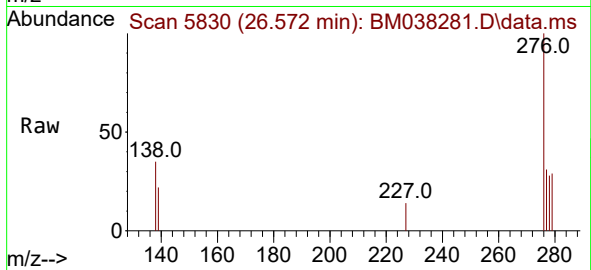
Tgt Ion:278 Resp: 1015

Ion Ratio Lower Upper

278 100

139 78.0 16.8 25.2#

279 105.0 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.102 ng/ul

RT: 27.357 min Scan# 6064

Delta R.T. -0.003 min

Lab File: BM038281.D

Acq: 24 Dec 2022 21:32

Tgt Ion:276 Resp: 3845

Ion Ratio Lower Upper

276 100

138 35.6 20.8 31.2#

277 31.8 20.5 30.7#

