

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038247.D
 Acq On : 23 Dec 2022 23:58
 Operator : CG/JU
 Sample : N6014-20
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 02:22:54 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 : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

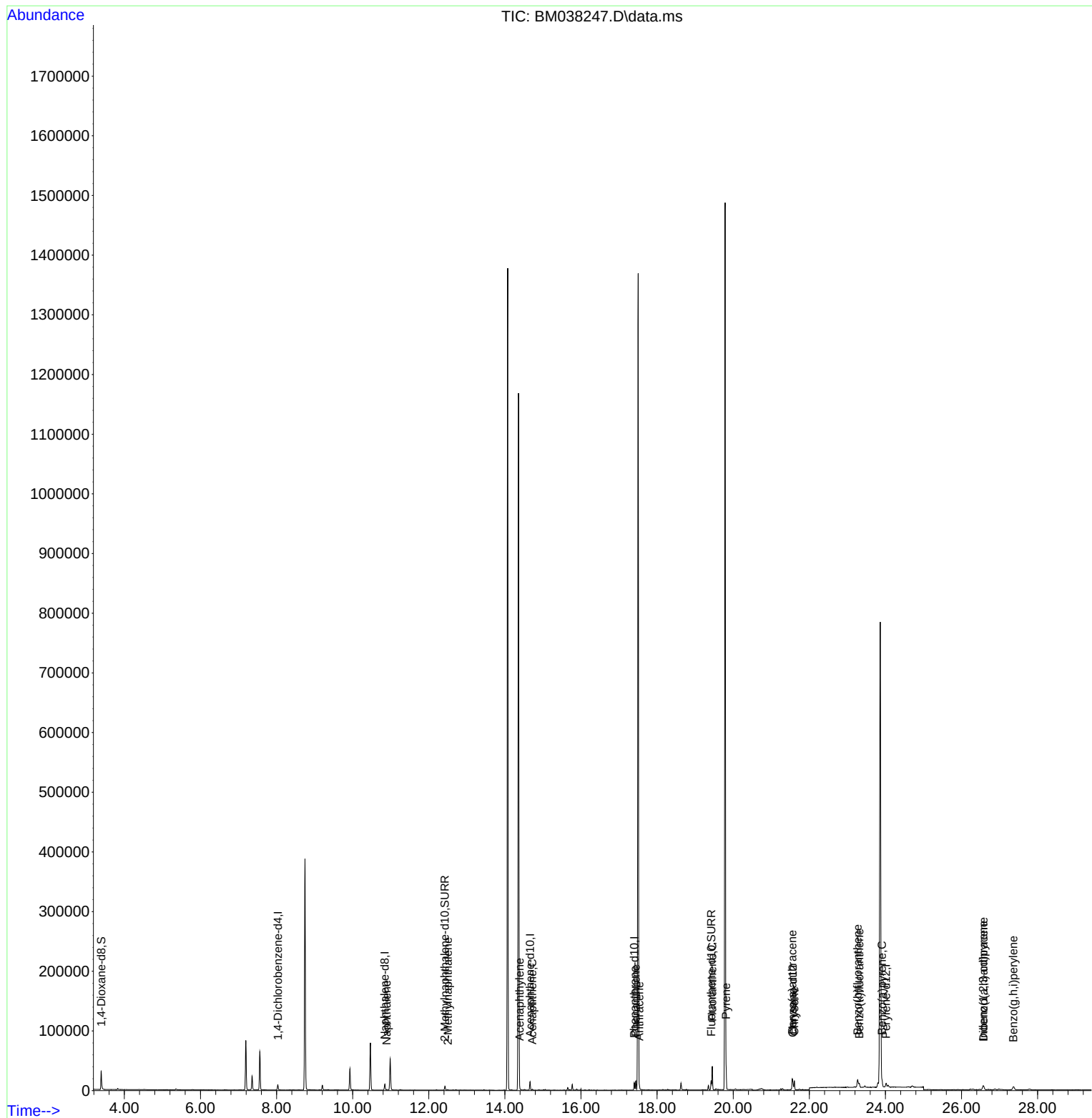
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13133	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	7474	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14431	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9016	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	8999	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19130	4.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	8205	0.424	ng/ul	-0.01
18) Fluoranthene-d10	19.422	212	15626	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	927	0.024	ng/ul#	75
7) 2-Methylnaphthalene	12.500	142	553	0.023	ng/ul	100
10) Acenaphthylene	14.388	152	2972	0.072	ng/ul#	92
11) Acenaphthene	14.721	153	841	0.029	ng/ul	94
15) Phenanthrene	17.443	178	15779	0.327	ng/ul	99
16) Anthracene	17.535	178	5272	0.114	ng/ul	95
19) Fluoranthene	19.450	202	32504	0.658	ng/ul	100
20) Pyrene	19.812	202	27113m	0.543	ng/ul	
21) Benzo(a)anthracene	21.550	228	14698	0.372	ng/ul	96
22) Chrysene	21.606	228	14821	0.385	ng/ul	97
24) Benzo(b)fluoranthene	23.269	252	22555	0.566	ng/ul	98
25) Benzo(k)fluoranthene	23.313	252	7611m	0.199	ng/ul	
26) Benzo(a)pyrene	23.909	252	15020	0.432	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.572	276	11994	0.249	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.575	278	2948	0.079	ng/ul#	42
29) Benzo(g,h,i)perylene	27.363	276	11807	0.291	ng/ul	97

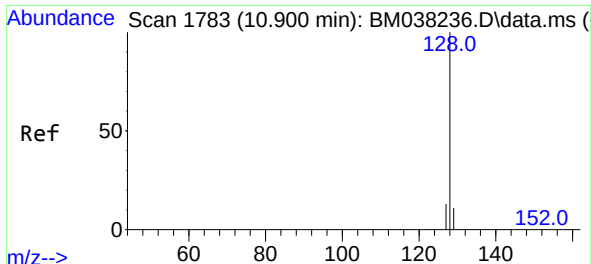
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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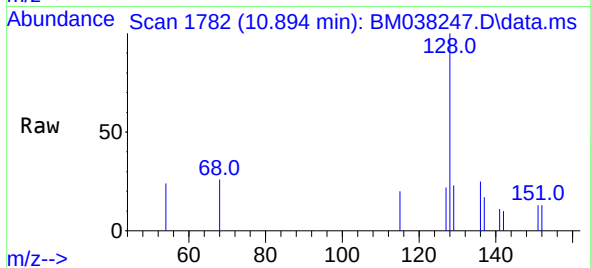
Quant Time: Dec 24 02:22:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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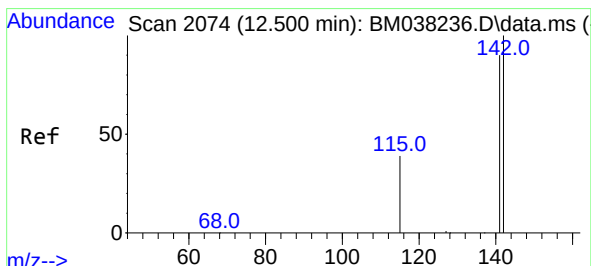
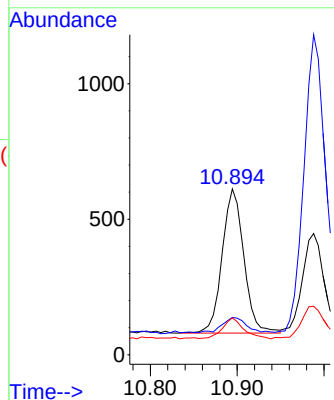
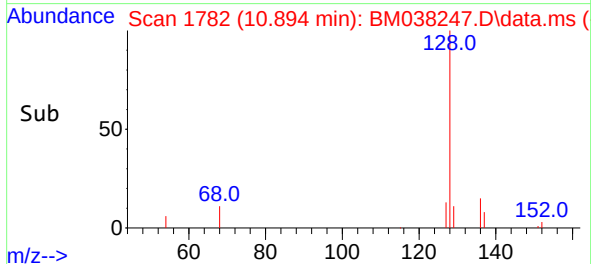


#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.894 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

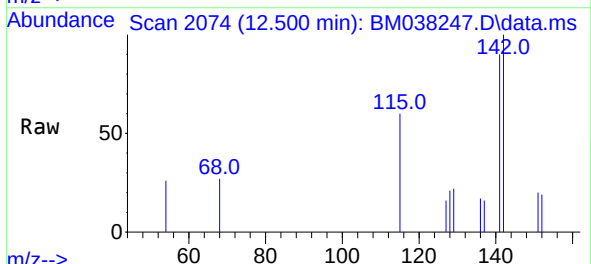
Instrument :
BNA_M
ClientSampleId :



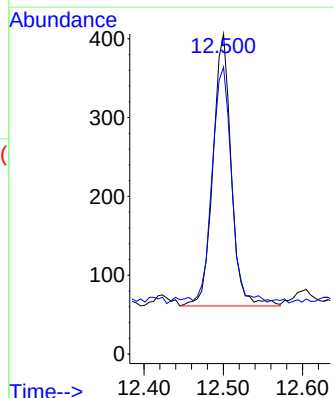
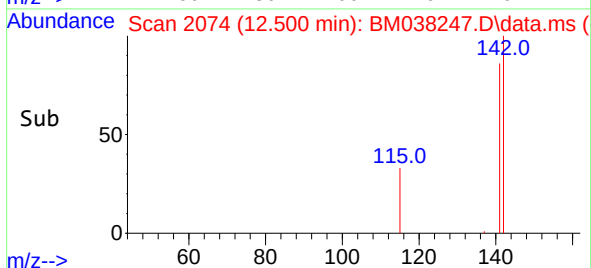
Tgt Ion:128 Resp: 927
Ion Ratio Lower Upper
128 100
129 22.5 9.4 14.0#
127 22.2 10.7 16.1#

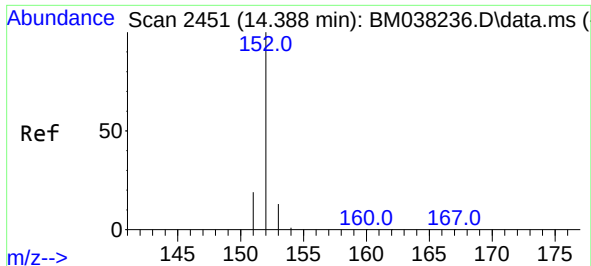


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58



Tgt Ion:142 Resp: 553
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9

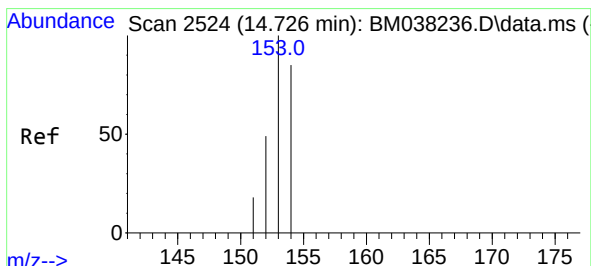
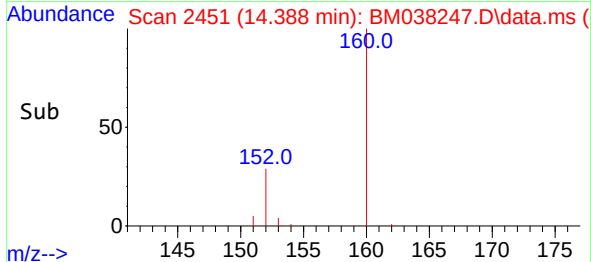
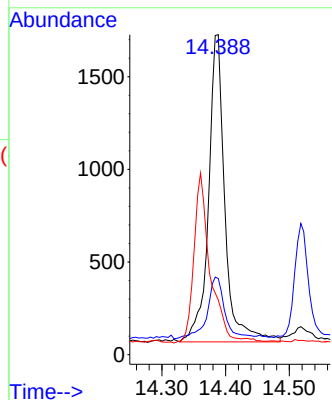
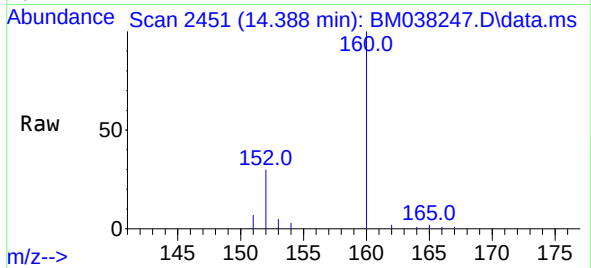




#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

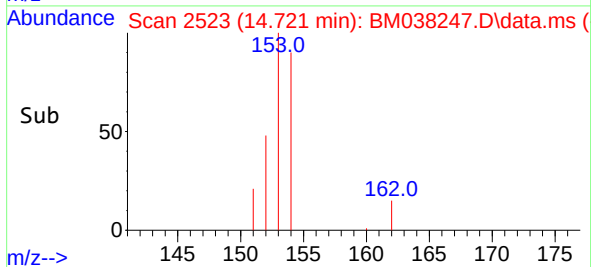
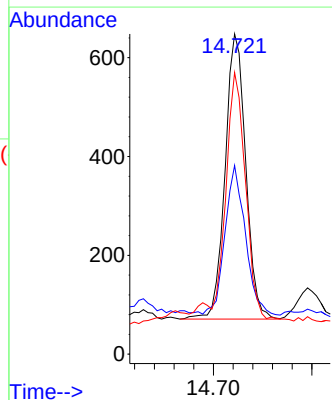
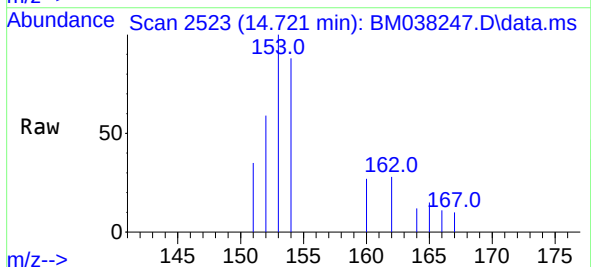
Instrument :
BNA_M
ClientSampleId :

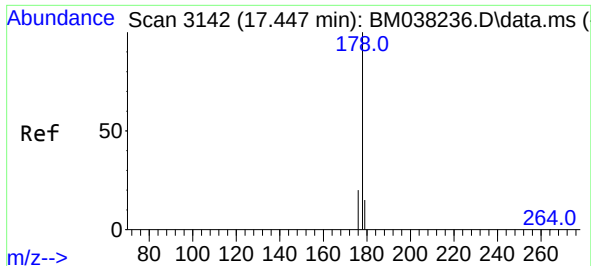
Tgt Ion:152 Resp: 2972
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 17.1 10.7 16.1#



#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.721 min Scan# 2523
Delta R.T. -0.009 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

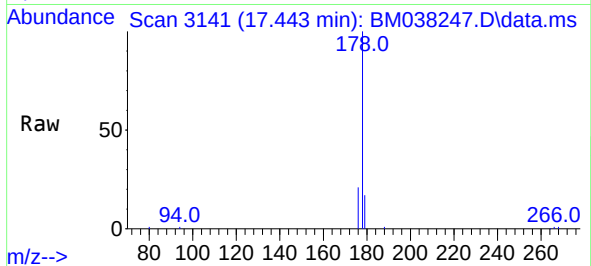
Tgt Ion:153 Resp: 841
Ion Ratio Lower Upper
153 100
152 59.0 39.4 59.0
154 88.0 69.0 103.4



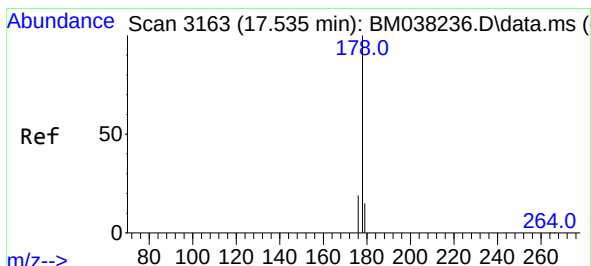
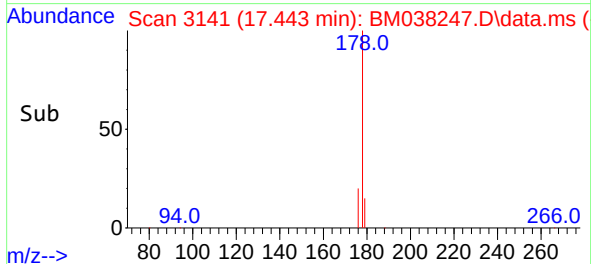
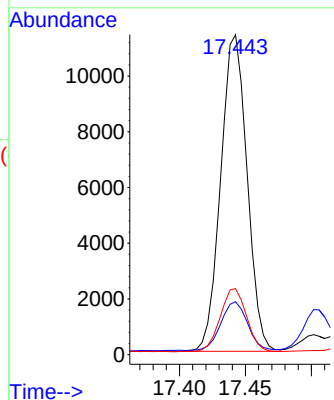


#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.443 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Instrument :
BNA_M
ClientSampleId :

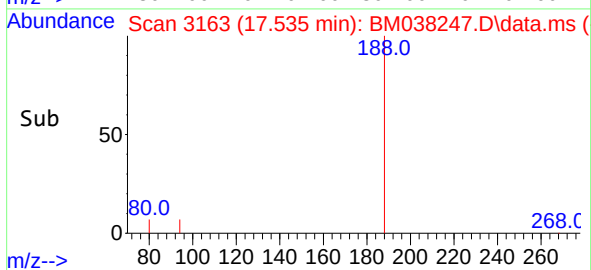
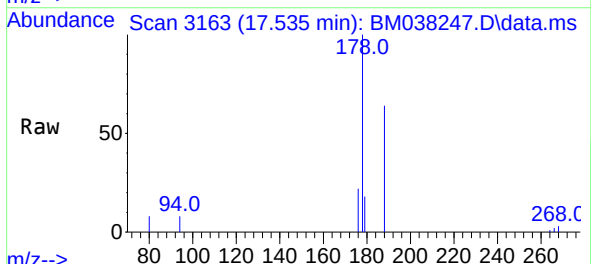
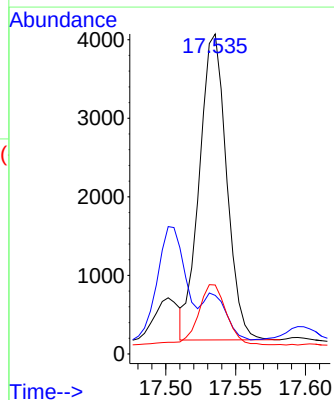


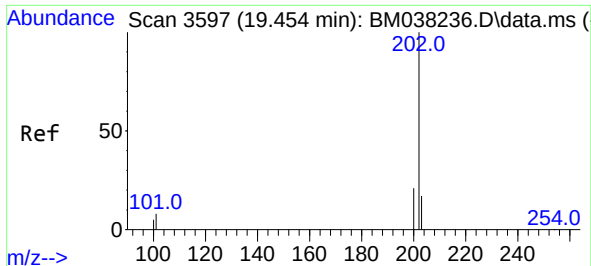
Tgt Ion:178 Resp: 15779
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.7 16.2 24.4



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Tgt Ion:178 Resp: 5272
Ion Ratio Lower Upper
178 100
179 18.3 13.0 19.6
176 21.6 15.6 23.4

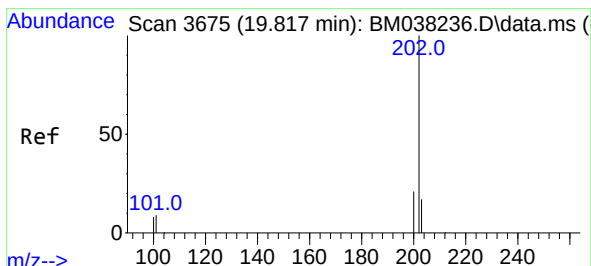
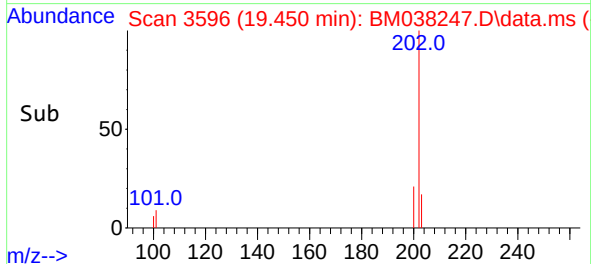
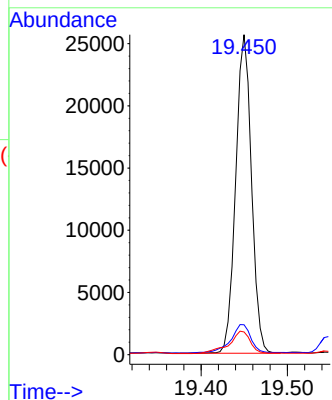
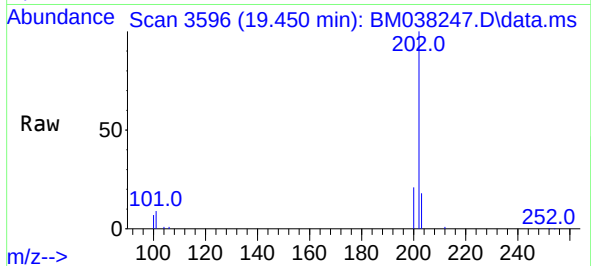




#19
Fluoranthene
Concen: 0.658 ng/ul
RT: 19.450 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

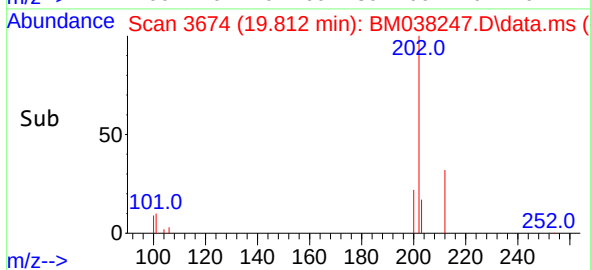
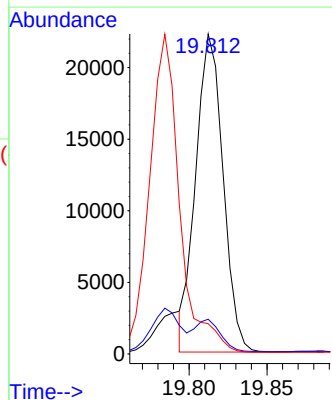
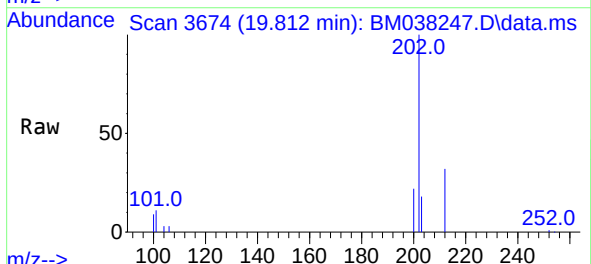
Instrument :
BNA_M
ClientSampleId :

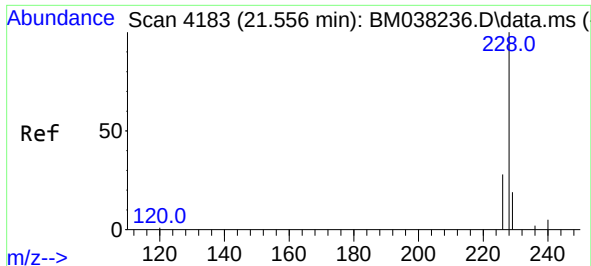
Tgt Ion:202 Resp: 32504
Ion Ratio Lower Upper
202 100
101 9.3 7.5 11.3
100 7.1 5.6 8.4



#20
Pyrene
Concen: 0.543 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Tgt Ion:202 Resp: 27113
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 9.5 7.4 11.0

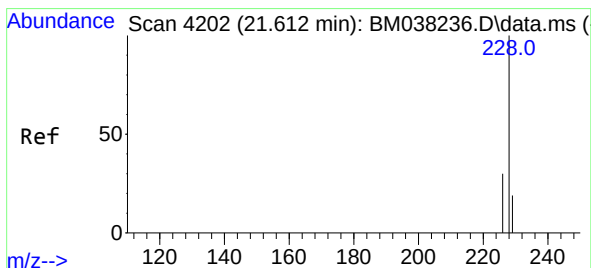
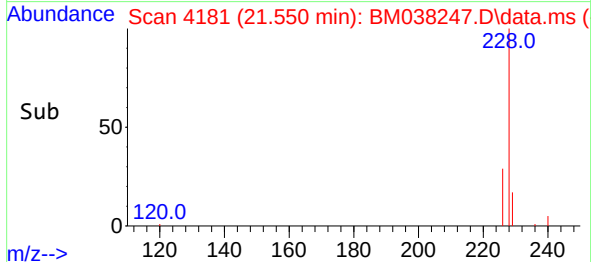
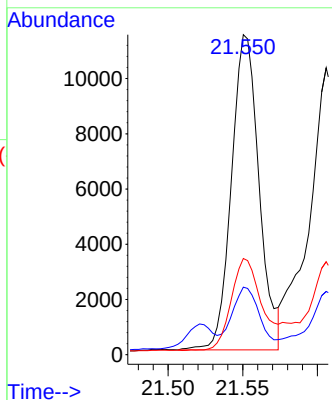
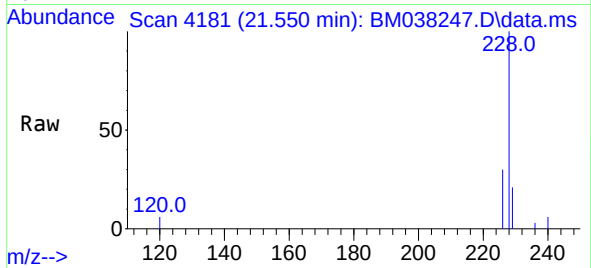




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.550 min Scan# 4183
Delta R.T. -0.009 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

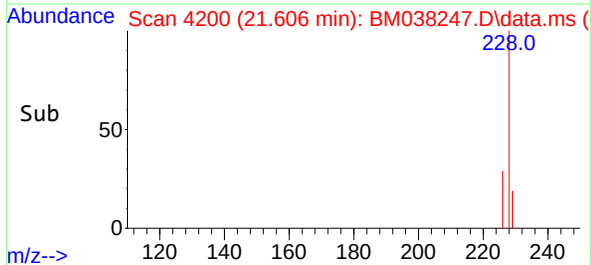
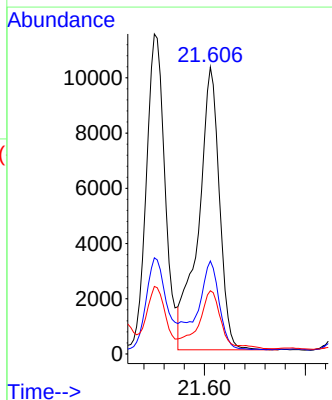
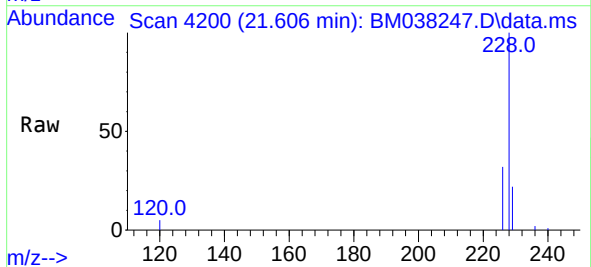
Instrument :
BNA_M
ClientSampleId :

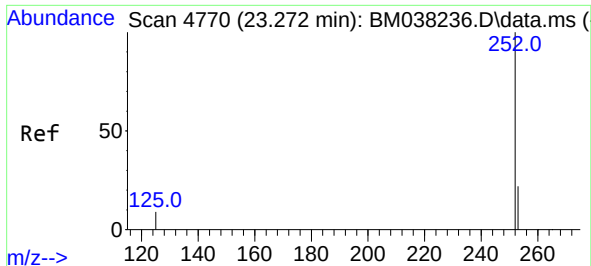
Tgt Ion:228	Resp:	14698
Ion Ratio	Lower	Upper
228	100	
229	21.1	15.5 23.3
226	30.0	22.2 33.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

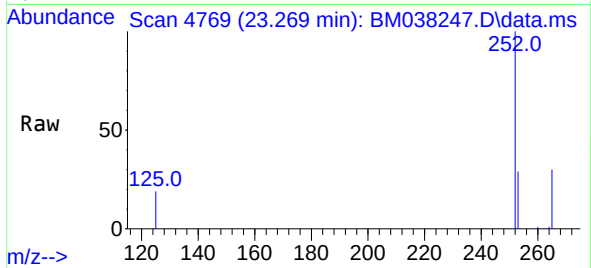
Tgt Ion:228	Resp:	14821
Ion Ratio	Lower	Upper
228	100	
226	32.4	25.0 37.4
229	22.0	16.0 24.0



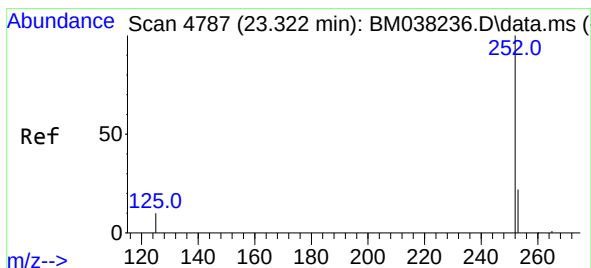
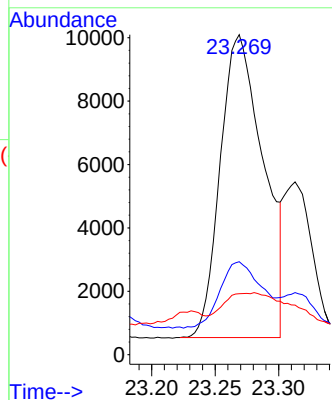


#24
Benzo(b)fluoranthene
Concen: 0.566 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Instrument :
BNA_M
ClientSampleId :

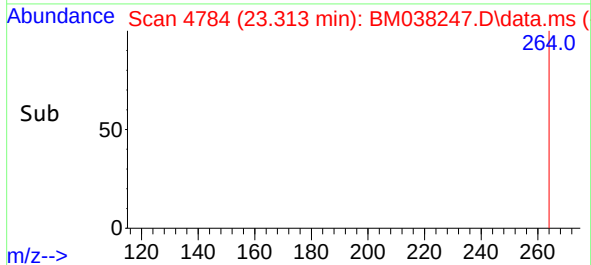
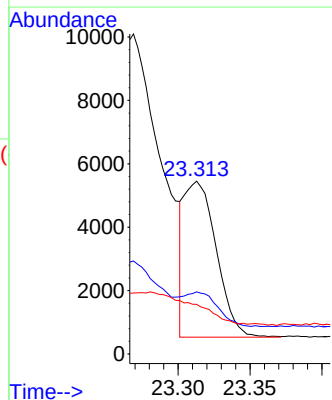
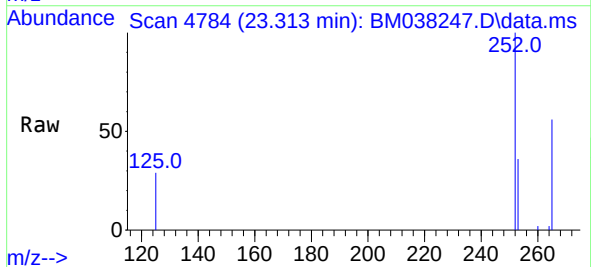


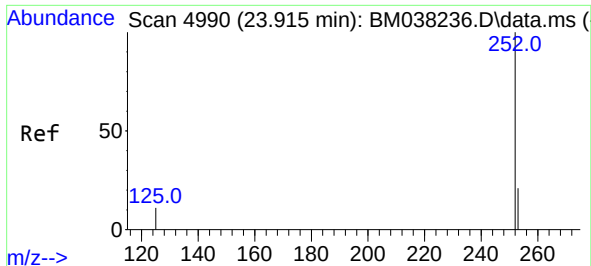
Tgt Ion:252 Resp: 22555
Ion Ratio Lower Upper
252 100
253 29.0 0.0 56.0
125 19.1 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

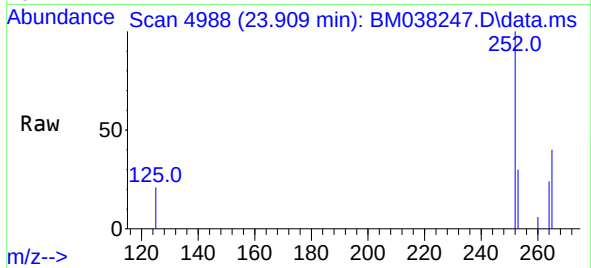
Tgt Ion:252 Resp: 7611
Ion Ratio Lower Upper
252 100
253 36.0 22.5 33.7#
125 28.7 14.4 21.6#



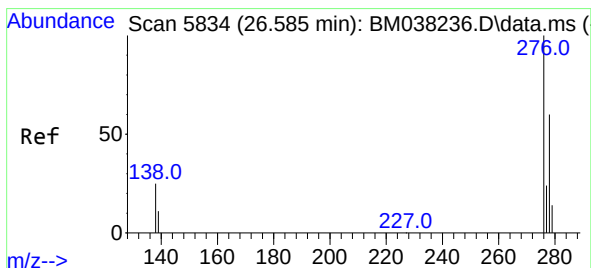
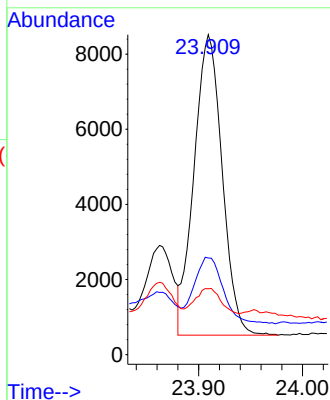


#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.909 min Scan# 4990
Delta R.T. -0.003 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Instrument :
BNA_M
ClientSampleId :

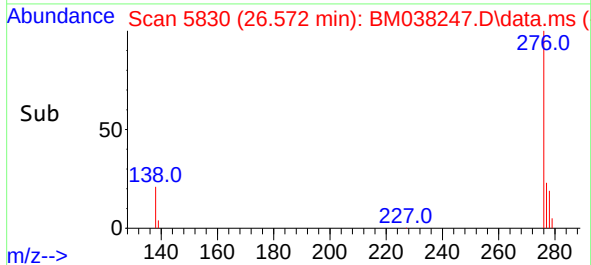
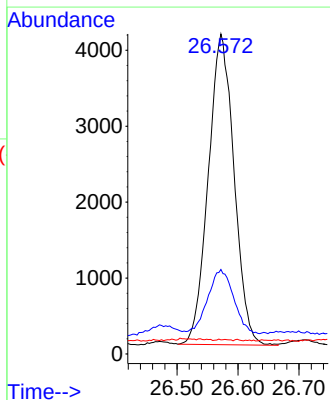
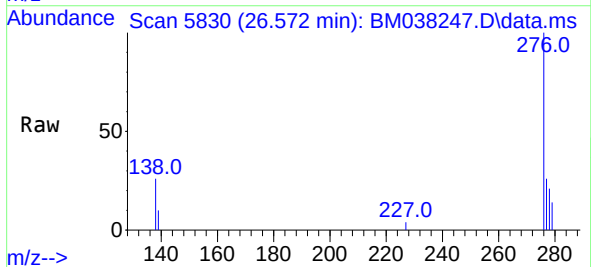


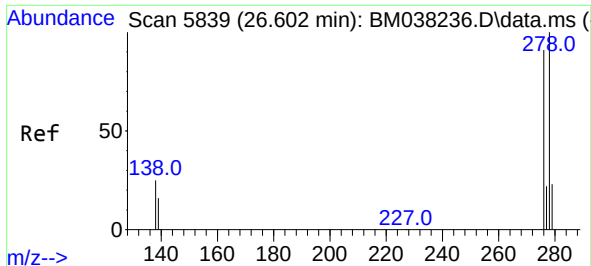
Tgt Ion:252 Resp: 15020
Ion Ratio Lower Upper
252 100
253 30.2 24.2 36.4
125 20.6 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.010 min
Lab File: BM038247.D
Acq: 23 Dec 2022 23:58

Tgt Ion:276 Resp: 11994
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5#
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 26.575 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM038247.D

Acq: 23 Dec 2022 23:58

Instrument :

BNA_M

ClientSampleId :

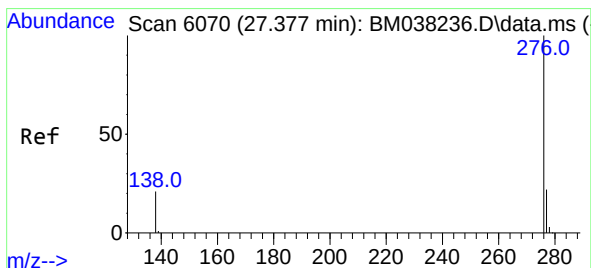
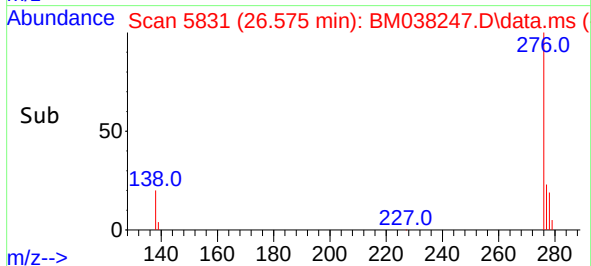
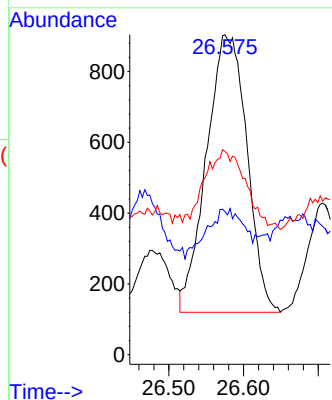
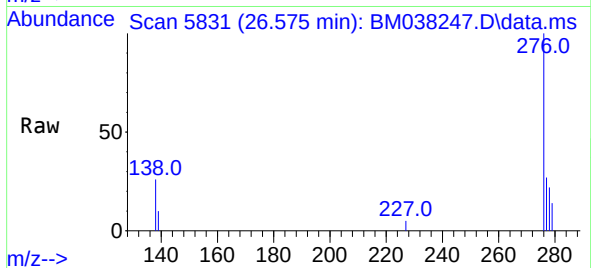
Tgt Ion:278 Resp: 2948

Ion Ratio Lower Upper

278 100

139 44.7 16.8 25.2#

279 63.5 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.291 ng/ul

RT: 27.363 min Scan# 6066

Delta R.T. -0.007 min

Lab File: BM038247.D

Acq: 23 Dec 2022 23:58

Tgt Ion:276 Resp: 11807

Ion Ratio Lower Upper

276 100

138 28.6 20.8 31.2

277 26.2 20.5 30.7

