

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038266.D
 Acq On : 24 Dec 2022 11:56
 Operator : CG/JU
 Sample : N6018-19
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:31 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

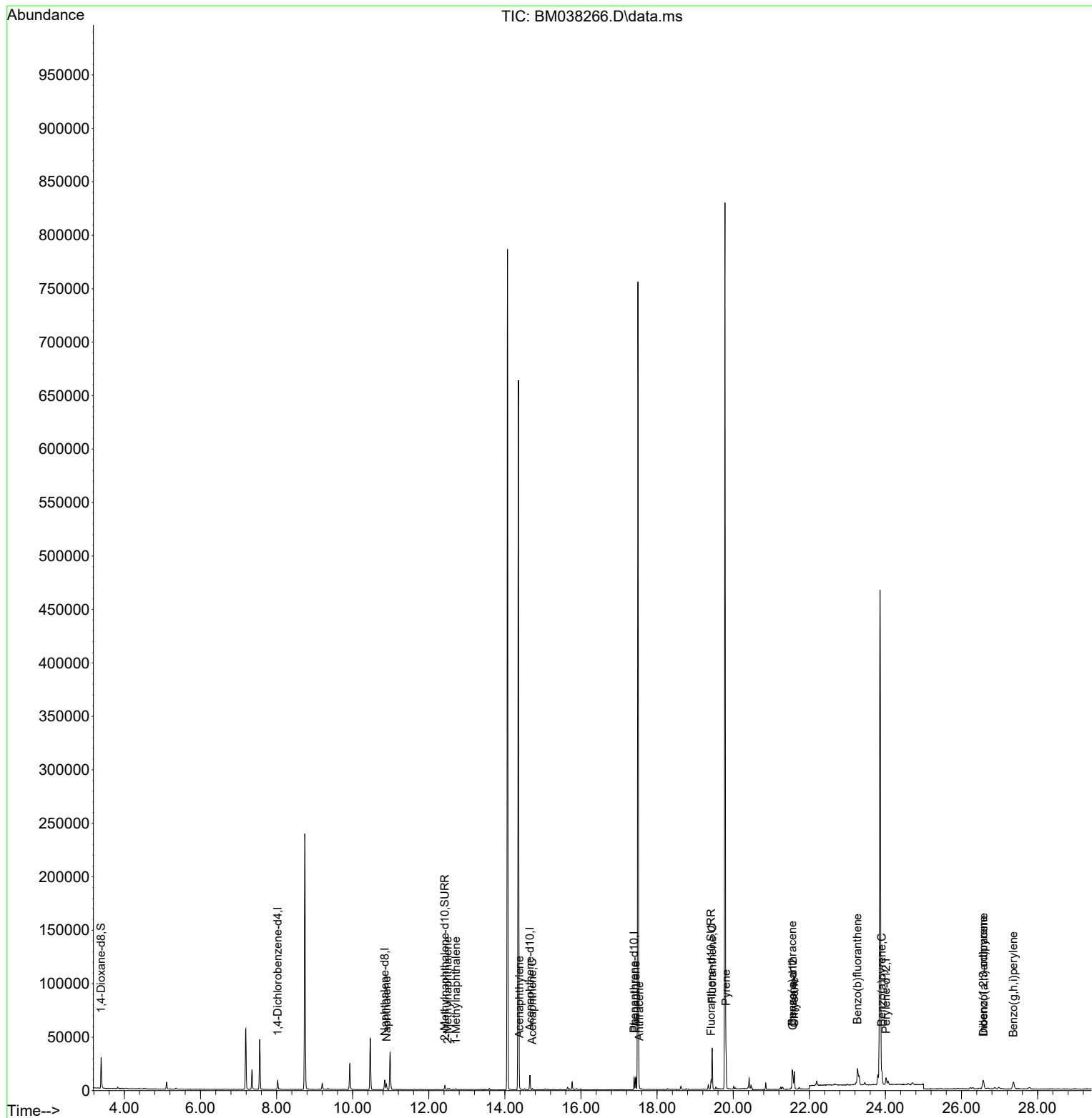
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7004	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12969	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8879	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	8508	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	16686	3.989	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4991	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	8788	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	1865	0.052	ng/ul#	89
7) 2-Methylnaphthalene	12.495	142	715	0.032	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	522	0.023	ng/ul	93
10) Acenaphthylene	14.384	152	1502	0.039	ng/ul#	77
11) Acenaphthene	14.721	153	654	0.024	ng/ul#	92
15) Phenanthrene	17.438	178	11494	0.265	ng/ul	98
16) Anthracene	17.531	178	2102	0.050	ng/ul#	88
19) Fluoranthene	19.445	202	32807	0.674	ng/ul	99
20) Pyrene	19.812	202	29373	0.598	ng/ul	97
21) Benzo(a)anthracene	21.553	228	13652	0.351	ng/ul	95
22) Chrysene	21.606	228	17227	0.454	ng/ul	96
24) Benzo(b)fluoranthene	23.266	252	26322	0.699	ng/ul	100
26) Benzo(a)pyrene	23.906	252	16648	0.507	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.572	276	14508	0.318	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.579	278	3461	0.098	ng/ul#	52
29) Benzo(g,h,i)perylene	27.363	276	14842	0.387	ng/ul	99

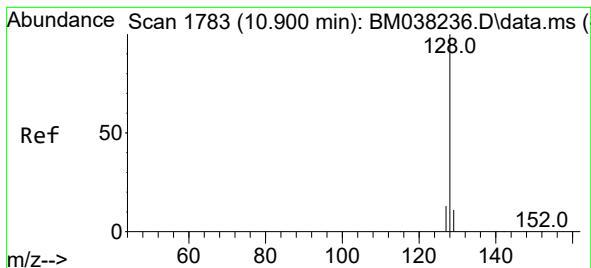
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.894 min Scan# 1

Delta R.T. -0.000 min

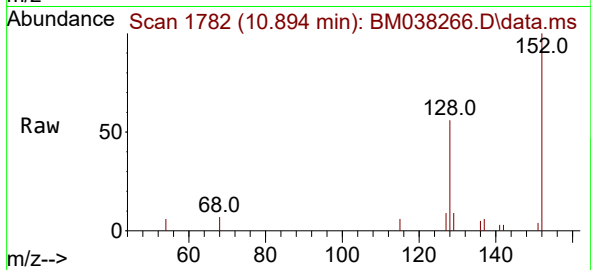
Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

Instrument :

BNA_M

ClientSampleId :



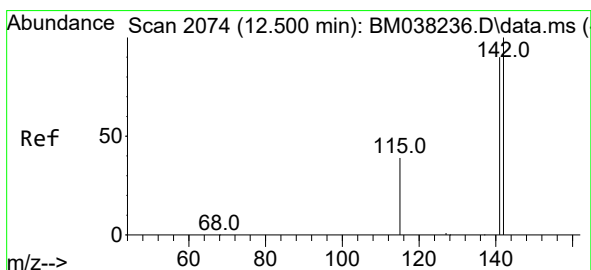
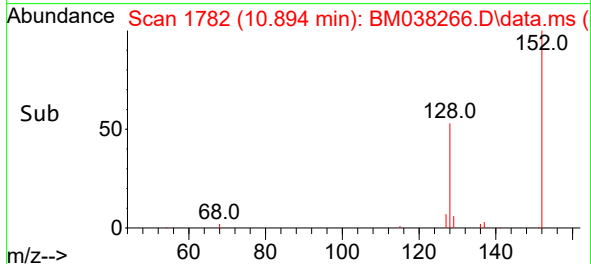
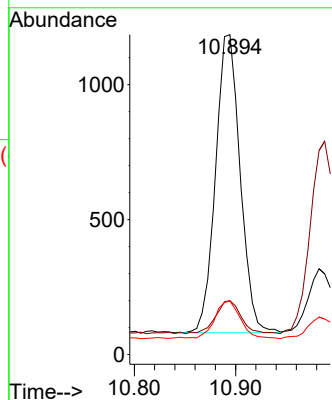
Tgt Ion:128 Resp: 1865

Ion Ratio Lower Upper

128 100

129 16.9 9.4 14.0#

127 16.7 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.495 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BM038266.D

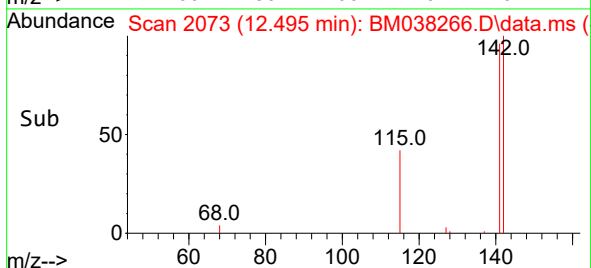
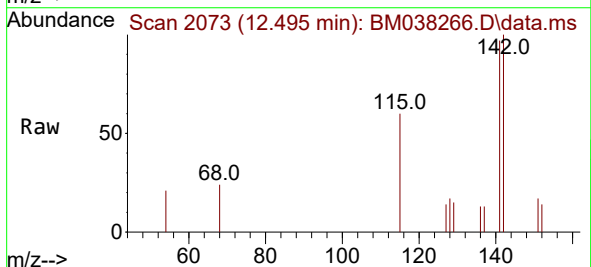
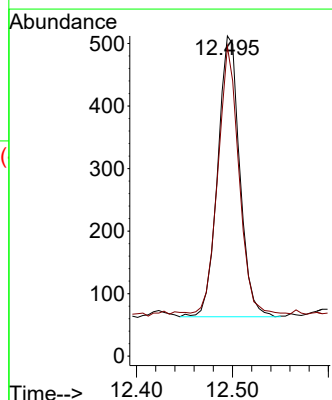
Acq: 24 Dec 2022 11:56

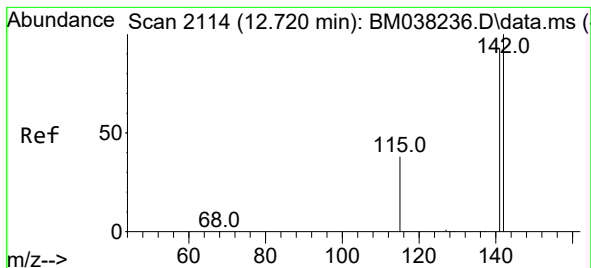
Tgt Ion:142 Resp: 715

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.715 min Scan# 2113

Delta R.T. -0.000 min

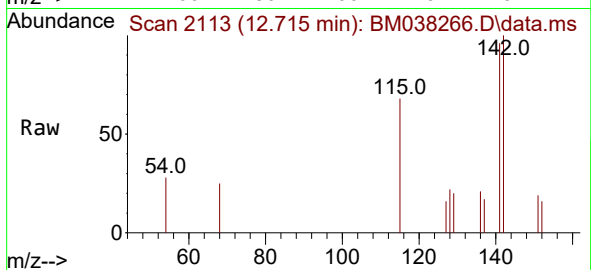
Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

Instrument :

BNA_M

ClientSampleId :

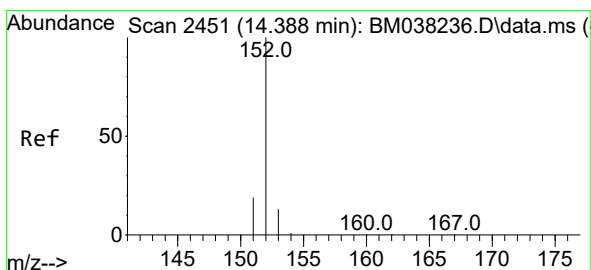
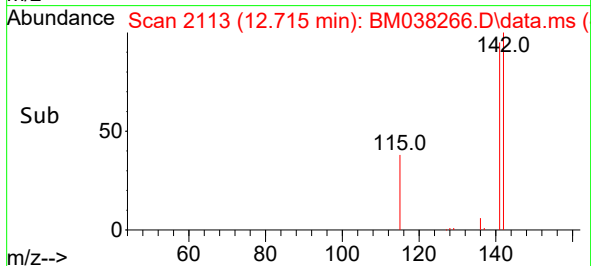
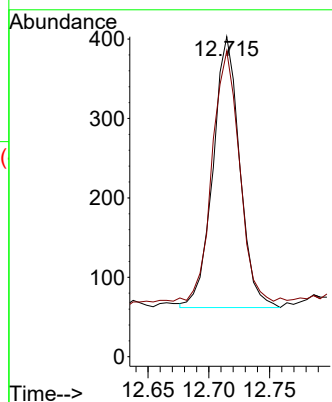


Tgt Ion:142 Resp: 522

Ion Ratio Lower Upper

142 100

141 99.8 74.7 112.1



#10

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.384 min Scan# 2450

Delta R.T. 0.005 min

Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

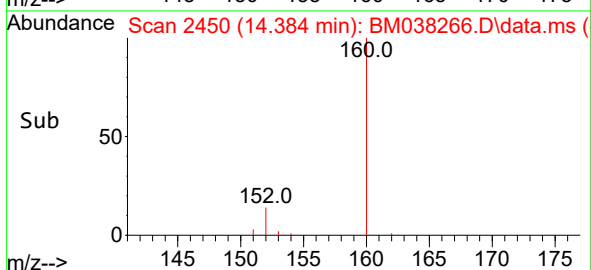
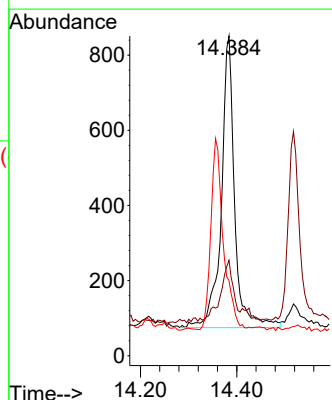
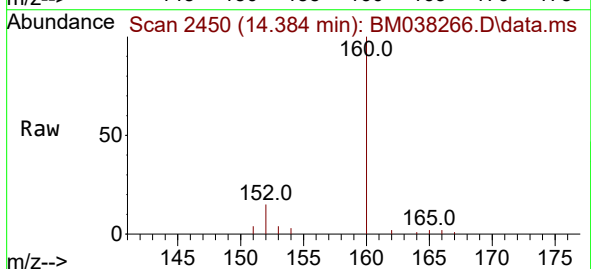
Tgt Ion:152 Resp: 1502

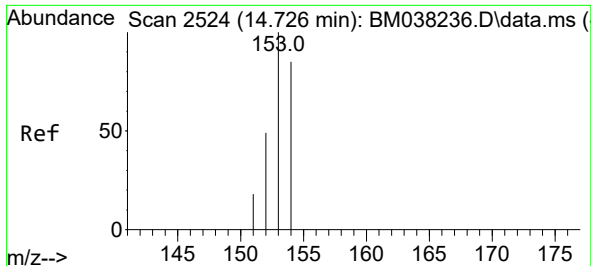
Ion Ratio Lower Upper

152 100

151 29.8 16.2 24.2#

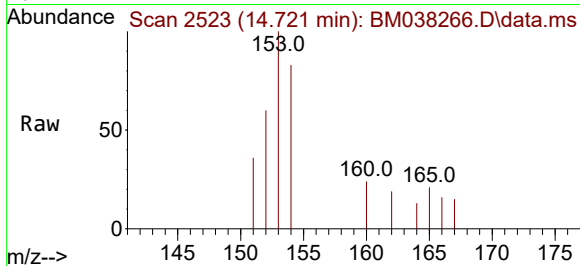
153 23.5 10.7 16.1#



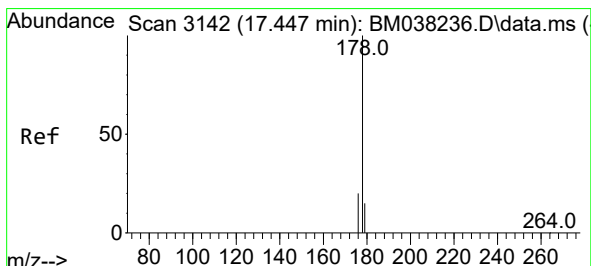
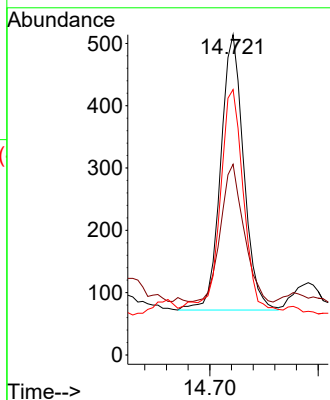
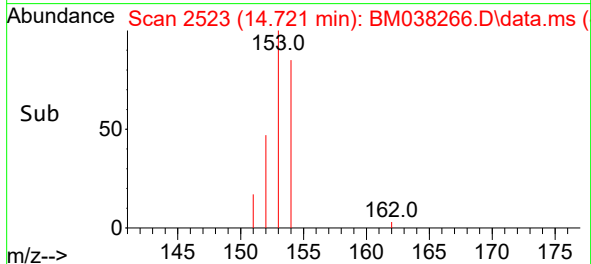


#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.721 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

Instrument :
BNA_M
ClientSampleId :

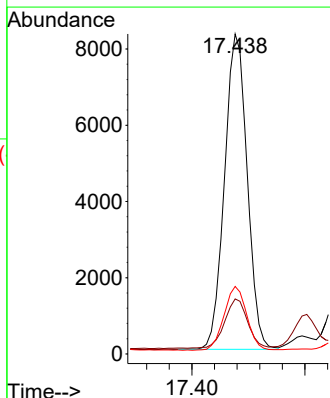
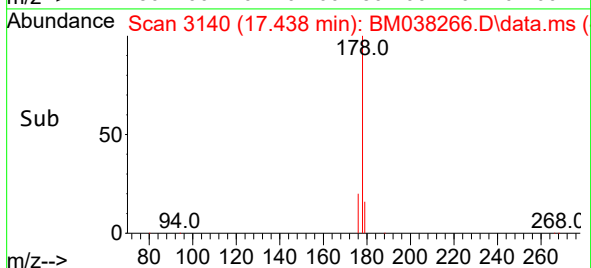
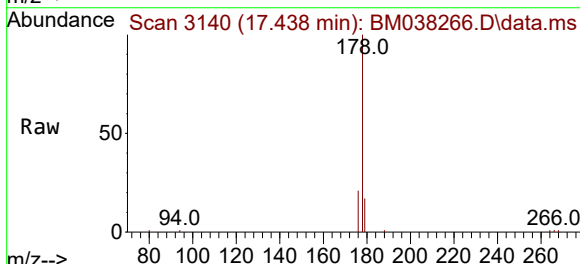


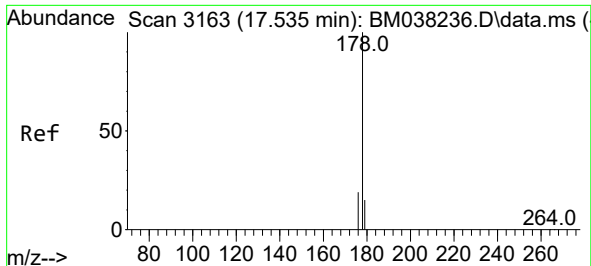
Tgt Ion:153 Resp: 654
Ion Ratio Lower Upper
153 100
152 59.5 39.4 59.0#
154 82.9 69.0 103.4



#15
Phenanthrene
Concen: 0.265 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

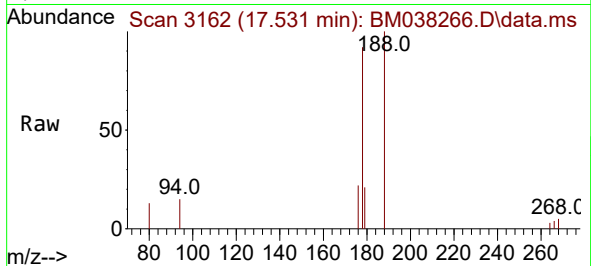
Tgt Ion:178 Resp: 11494
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 21.1 16.2 24.4



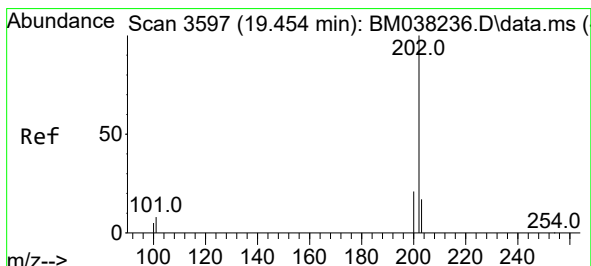
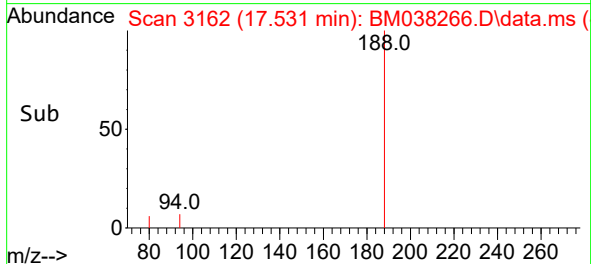
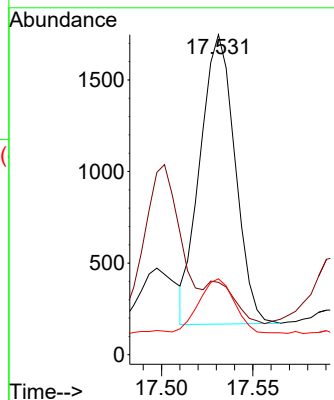


#16
 Anthracene
 Concen: 0.050 ng/ul
 RT: 17.531 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Instrument :
 BNA_M
 ClientSampleId :

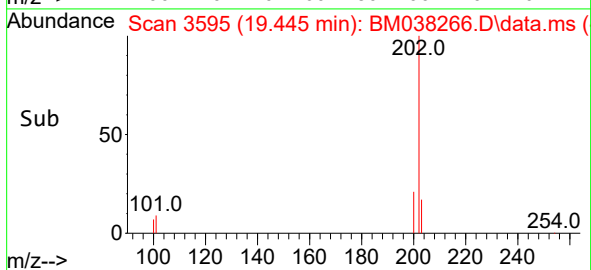
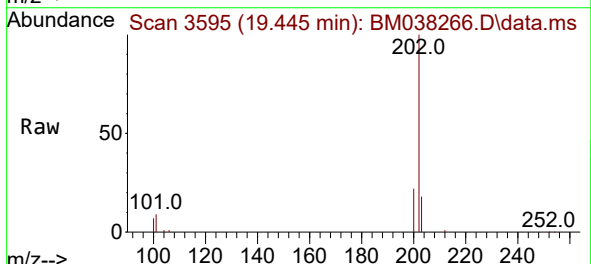
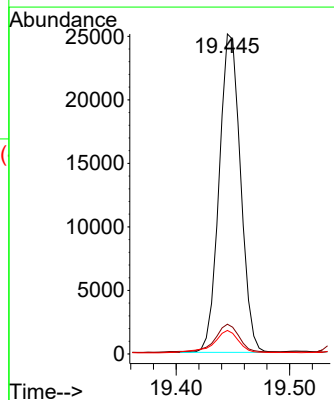


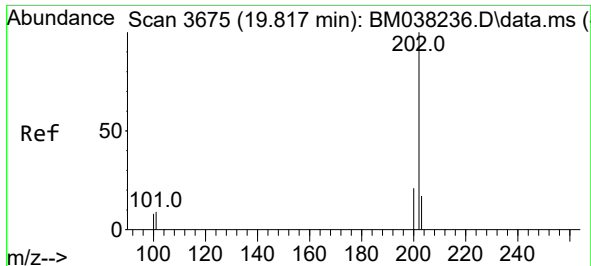
Tgt Ion:178 Resp: 2102
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.0 19.6#
 176 23.7 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.674 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Tgt Ion:202 Resp: 32807
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.5 11.3
 100 7.4 5.6 8.4

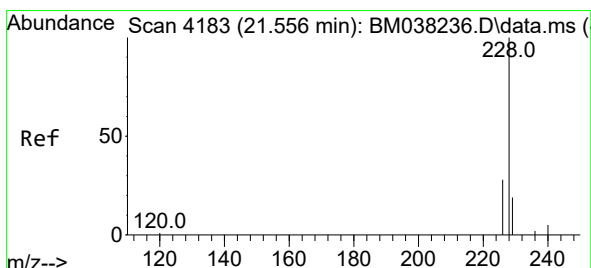
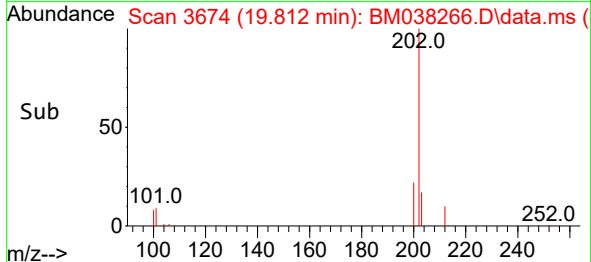
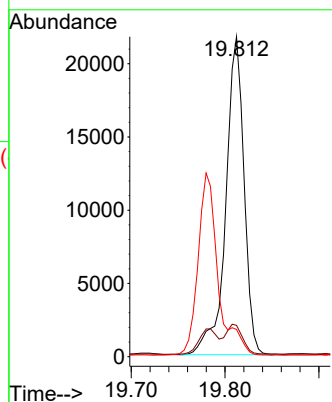
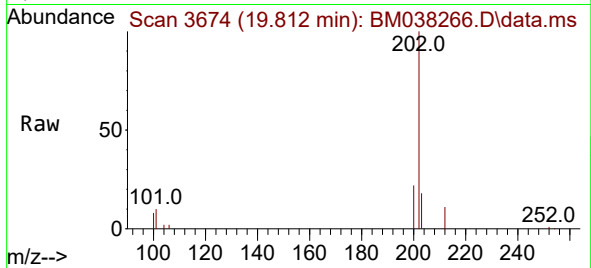




#20
Pyrene
Concen: 0.598 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

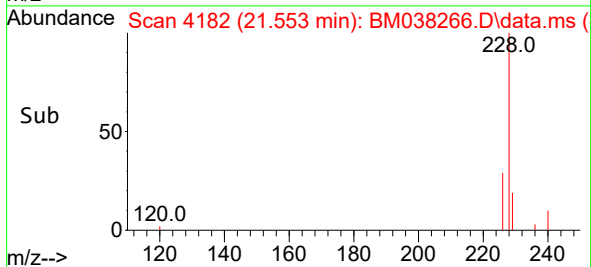
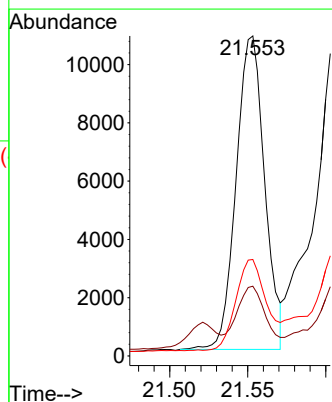
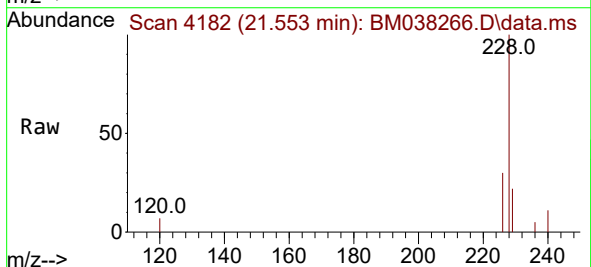
Instrument :
BNA_M
ClientSampleId :

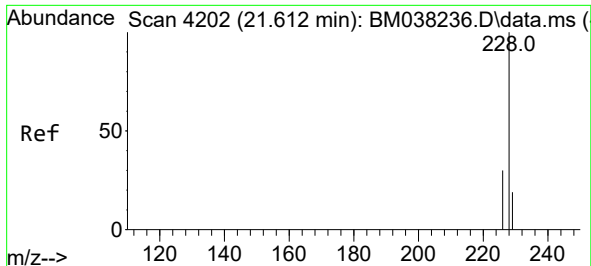
Tgt Ion:202 Resp: 29373
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.5 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

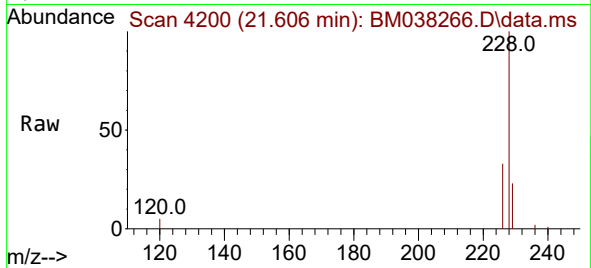
Tgt Ion:228 Resp: 13652
Ion Ratio Lower Upper
228 100
229 21.8 15.5 23.3
226 30.2 22.2 33.2



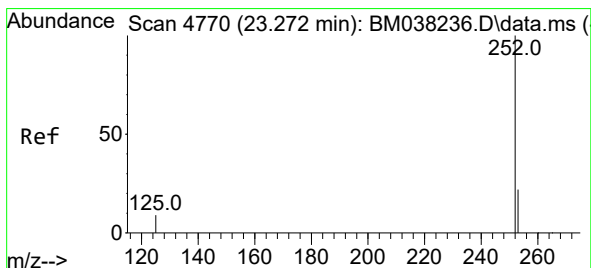
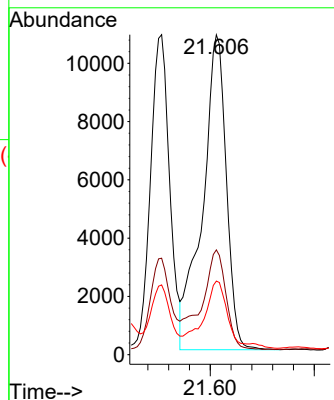


#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

Instrument :
BNA_M
ClientSampleId :

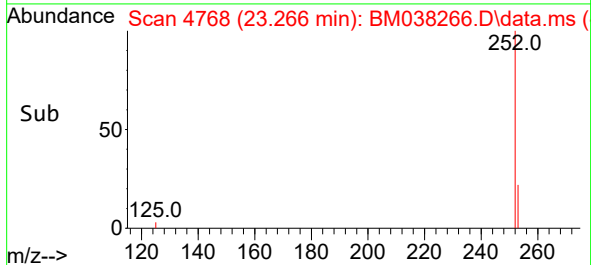
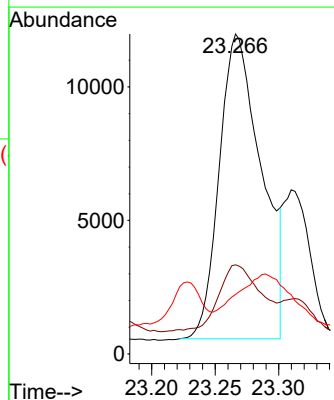
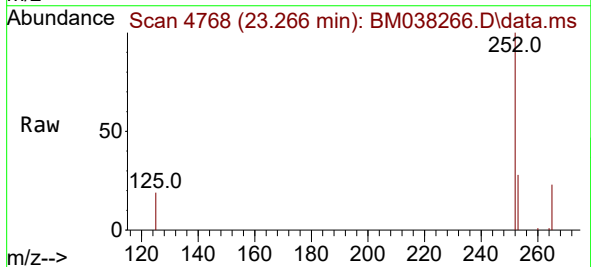


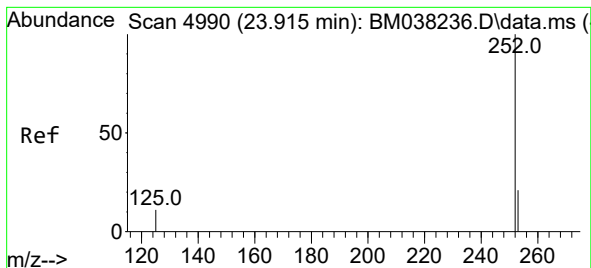
Tgt Ion:228 Resp: 17227
Ion Ratio Lower Upper
228 100
226 32.8 25.0 37.4
229 23.0 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.699 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

Tgt Ion:252 Resp: 26322
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 18.6 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.507 ng/ul

RT: 23.906 min Scan# 4990

Delta R.T. 0.000 min

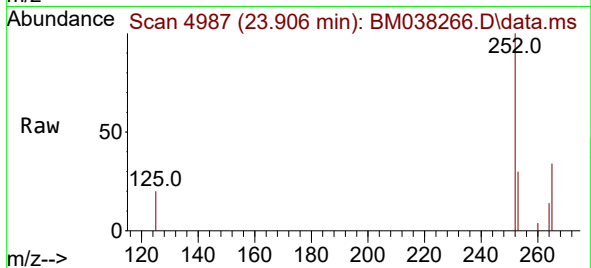
Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

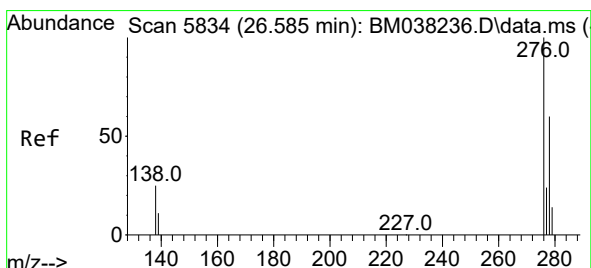
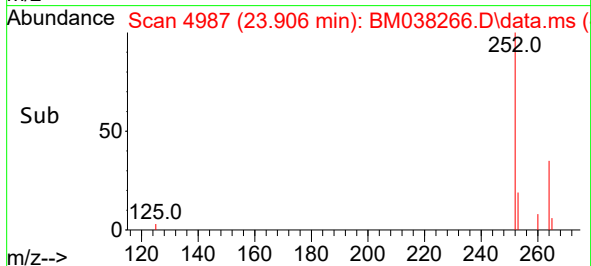
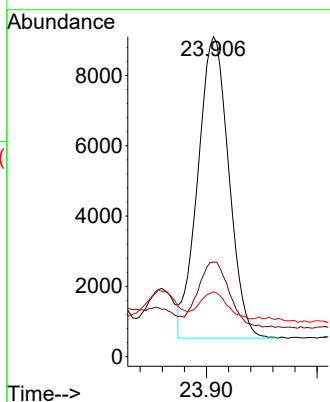
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	16648
Ion Ratio	Lower	Upper	
252	100		
253	29.5	24.2	36.4
125	20.3	17.3	25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.318 ng/ul

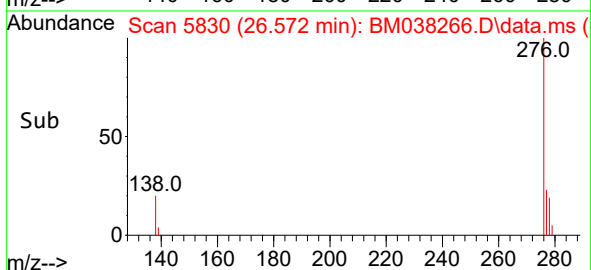
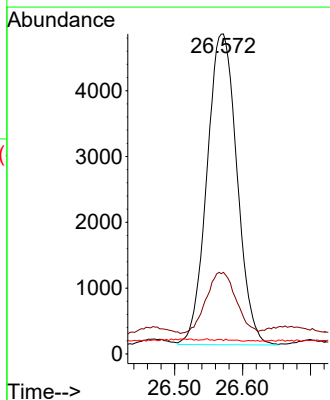
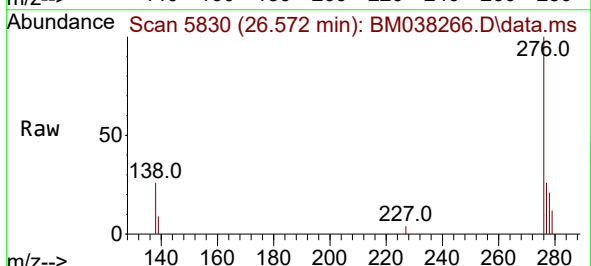
RT: 26.572 min Scan# 5830

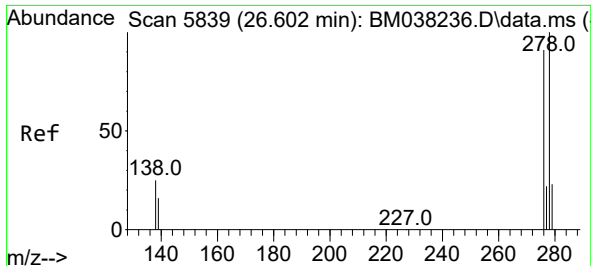
Delta R.T. 0.003 min

Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

Tgt Ion:	276	Resp:	14508
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.7	32.5#
227	0.2	0.0	0.0#

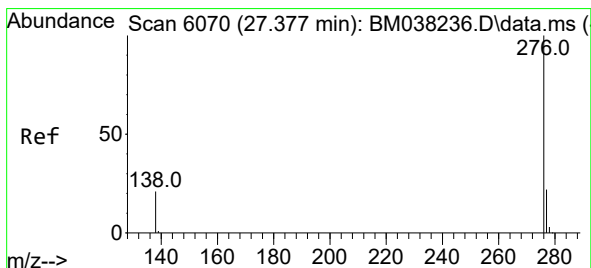
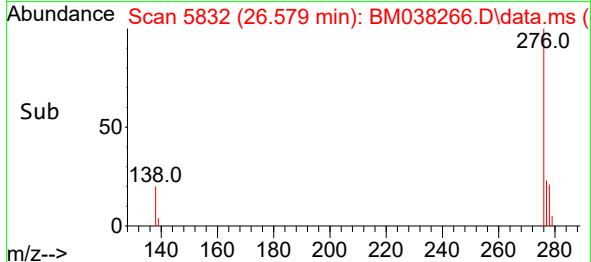
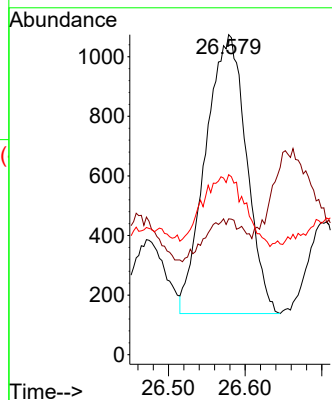
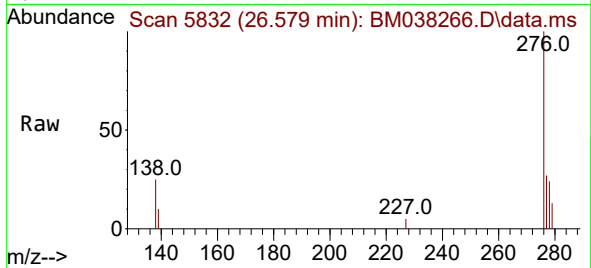




#28
 Dibenzo(a,h)anthracene
 Concen: 0.098 ng/ul
 RT: 26.579 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 3461
 Ion Ratio Lower Upper
 278 100
 139 42.5 16.8 25.2#
 279 56.2 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.387 ng/ul
 RT: 27.363 min Scan# 6066
 Delta R.T. 0.003 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Tgt Ion:276 Resp: 14842
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.8 31.2
 277 25.3 20.5 30.7

