

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038286.D
 Acq On : 25 Dec 2022 00:31
 Operator : CG/JU
 Sample : N6016-10
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:58:29 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

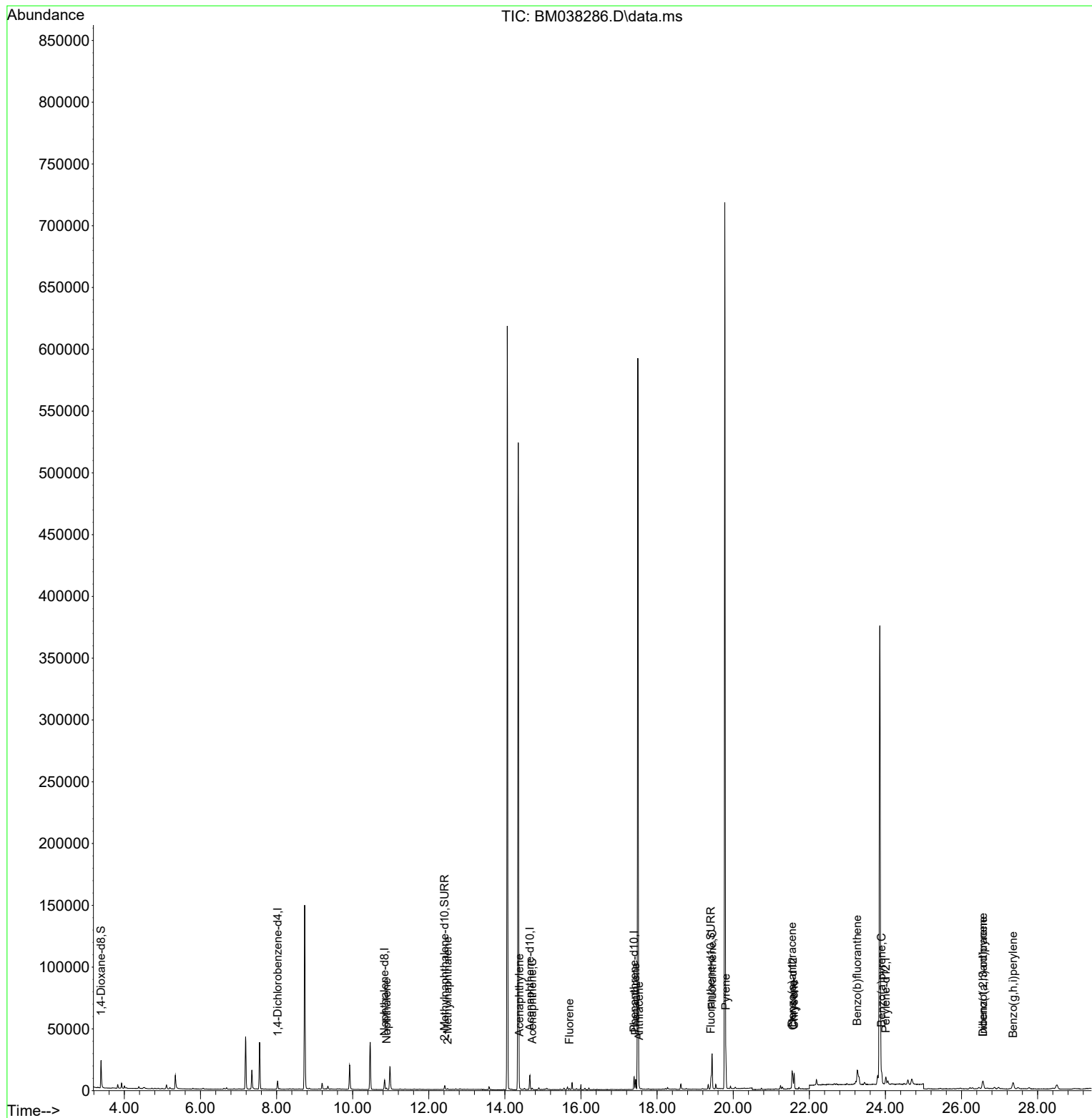
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11868	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8703	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	13407	3.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3915	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	7723	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	1031	0.035	ng/ul#	80
7) 2-Methylnaphthalene	12.495	142	431	0.024	ng/ul	98
10) Acenaphthylene	14.379	152	854	0.026	ng/ul#	69
11) Acenaphthene	14.717	153	557	0.024	ng/ul#	91
12) Fluorene	15.698	166	515	0.020	ng/ul#	94
15) Phenanthrene	17.434	178	8349	0.210	ng/ul	96
16) Anthracene	17.527	178	1583	0.042	ng/ul#	81
19) Fluoranthene	19.445	202	23030	0.483	ng/ul#	92
20) Pyrene	19.808	202	20965	0.435	ng/ul	99
21) Benzo(a)anthracene	21.548	228	10872	0.285	ng/ul	96
22) Chrysene	21.600	228	12655	0.341	ng/ul	95
24) Benzo(b)fluoranthene	23.260	252	20980	0.601	ng/ul	95
26) Benzo(a)pyrene	23.898	252	13238	0.434	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.562	276	11319	0.268	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.565	278	2820	0.086	ng/ul#	41
29) Benzo(g,h,i)perylene	27.353	276	11965	0.336	ng/ul	98

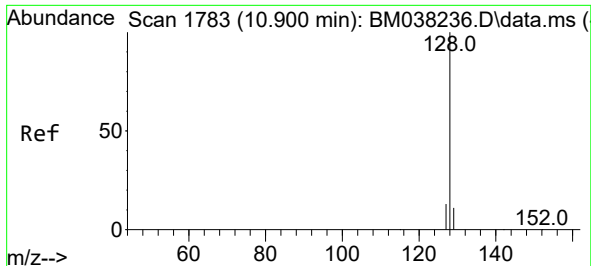
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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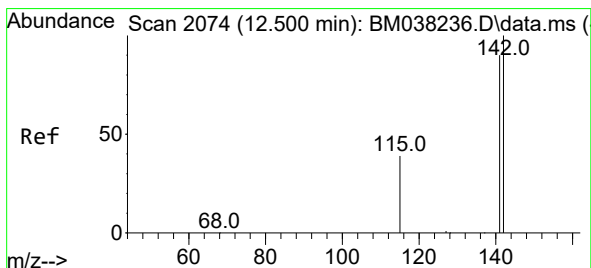
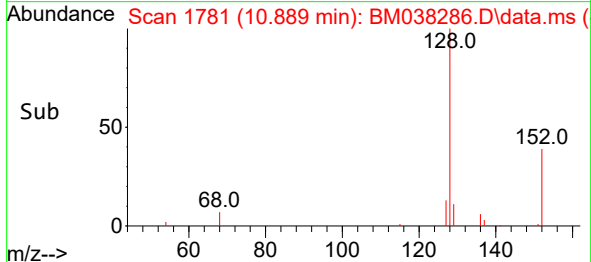
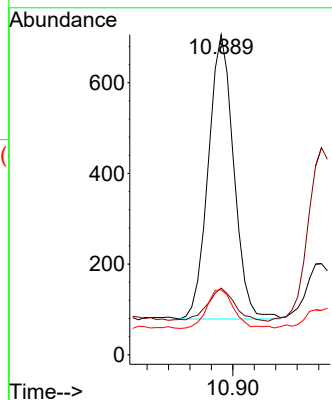
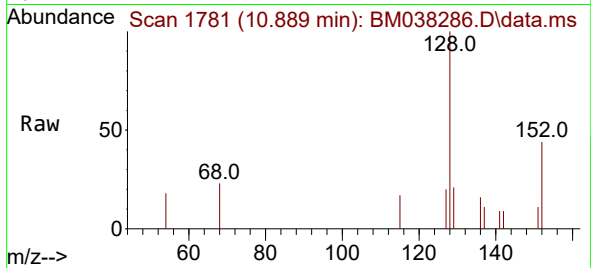




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.889 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

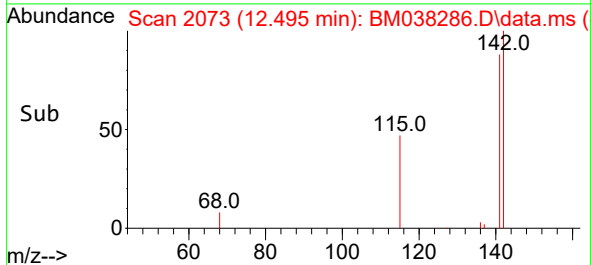
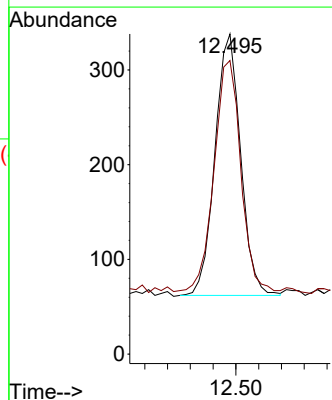
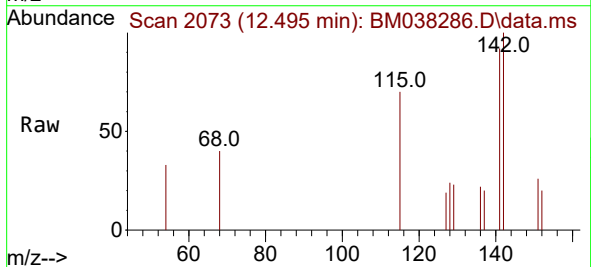
Instrument :
BNA_M
ClientSampleId :

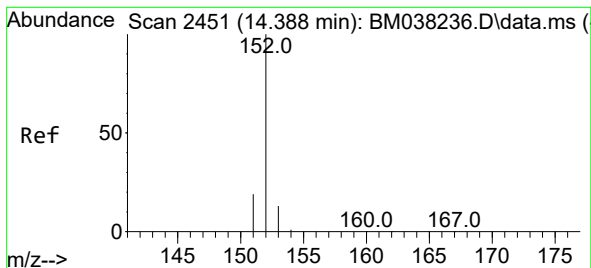
Tgt Ion:128 Resp: 1031
Ion Ratio Lower Upper
128 100
129 20.8 9.4 14.0#
127 20.3 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Tgt Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#10

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.379 min Scan# 2449

Delta R.T. 0.000 min

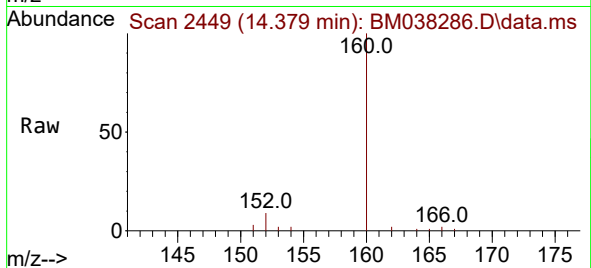
Lab File: BM038286.D

Acq: 25 Dec 2022 00:31

Instrument :

BNA_M

ClientSampleId :



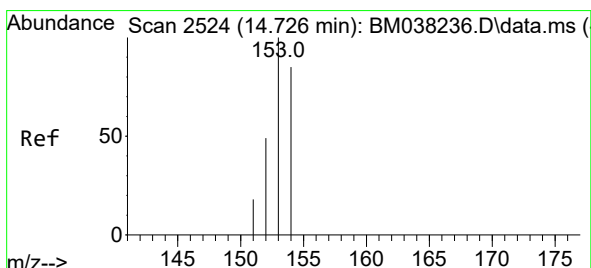
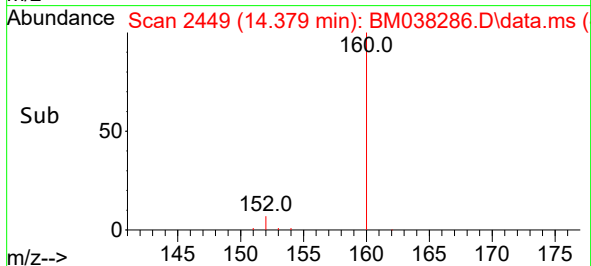
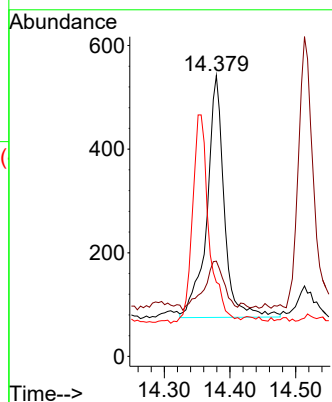
Tgt Ion:152 Resp: 854

Ion Ratio Lower Upper

152 100

151 33.9 16.2 24.2#

153 26.4 10.7 16.1#



#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.717 min Scan# 2522

Delta R.T. -0.004 min

Lab File: BM038286.D

Acq: 25 Dec 2022 00:31

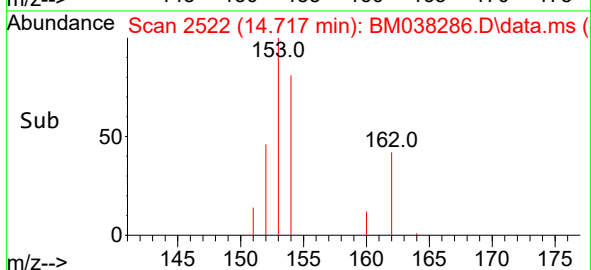
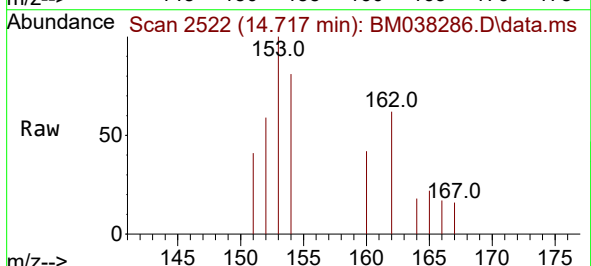
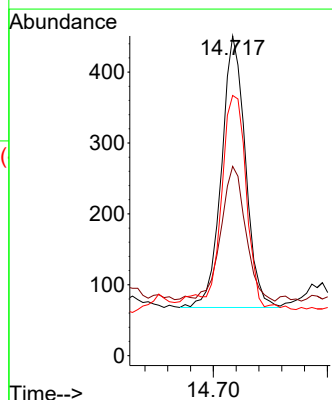
Tgt Ion:153 Resp: 557

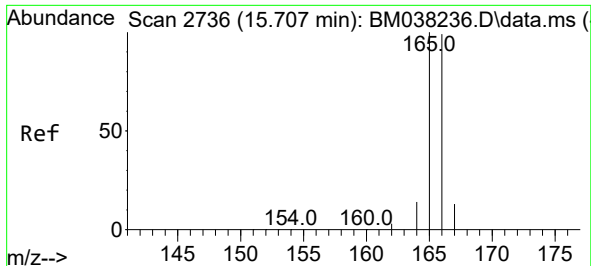
Ion Ratio Lower Upper

153 100

152 59.2 39.4 59.0#

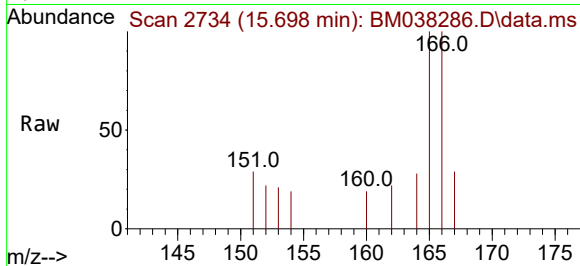
154 81.4 69.0 103.4



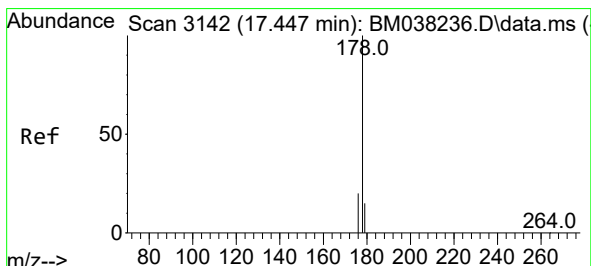
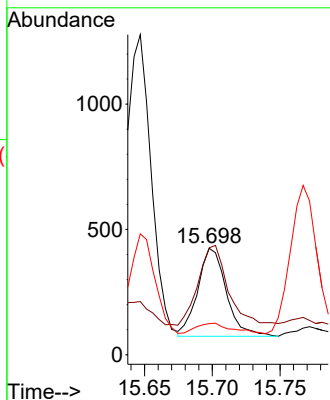
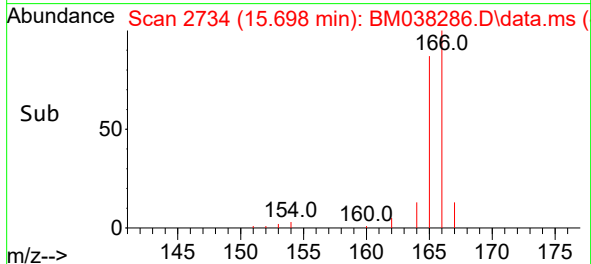


#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :

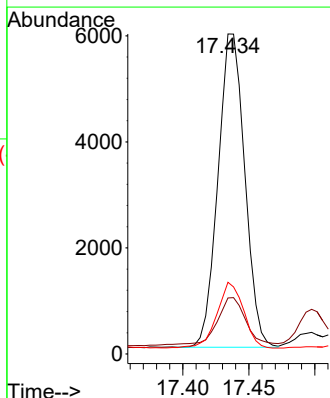
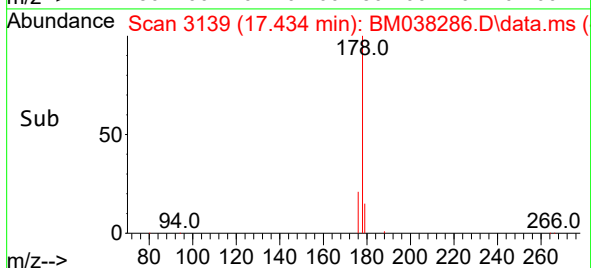
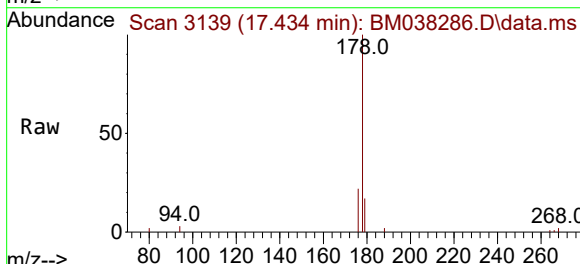


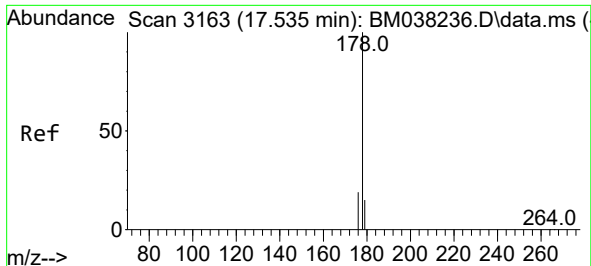
Tgt Ion:166 Resp: 515
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 29.2 11.0 16.6#



#15
Phenanthrene
Concen: 0.210 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

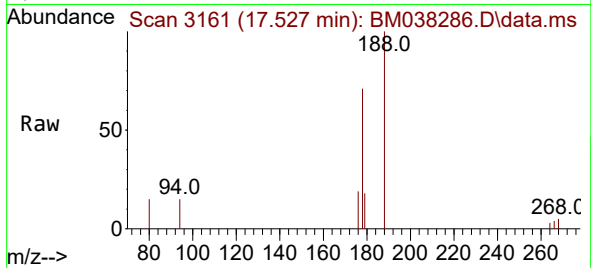
Tgt Ion:178 Resp: 8349
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 22.4 16.2 24.4



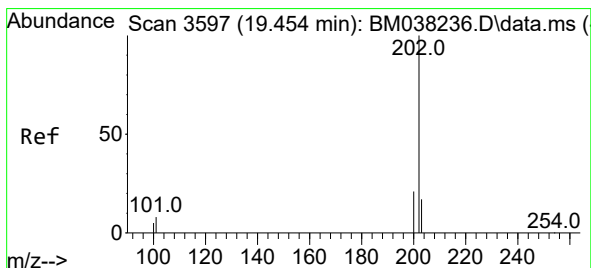
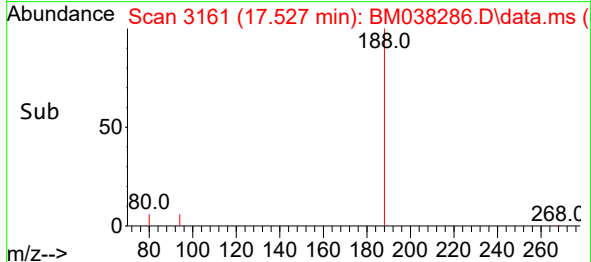
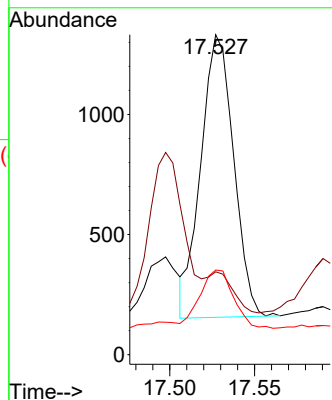


#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038286.D
 Acq: 25 Dec 2022 00:31

Instrument :
 BNA_M
 ClientSampleId :

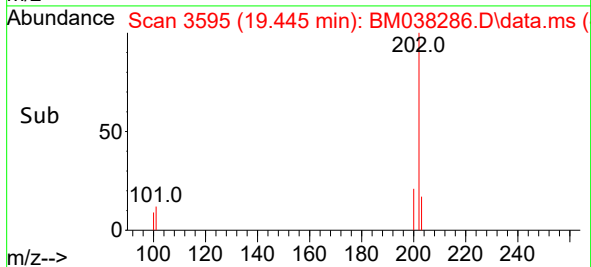
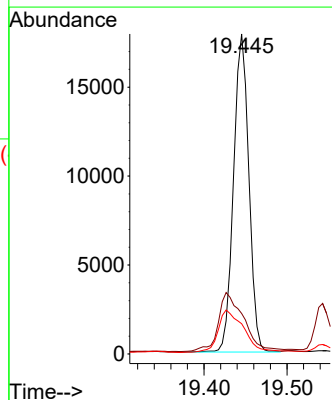
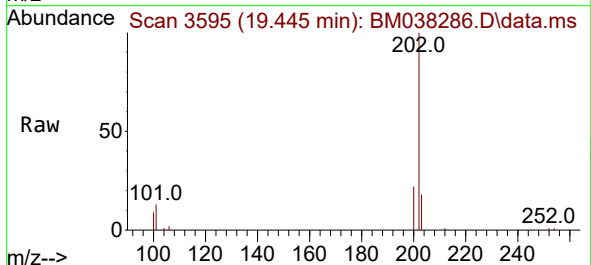


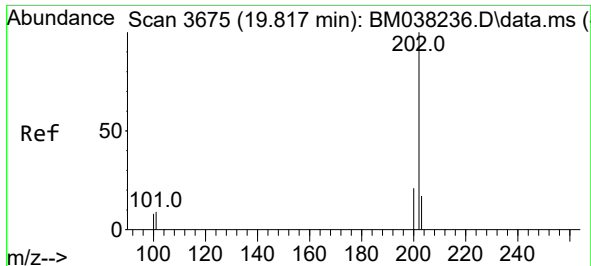
Tgt Ion:178 Resp: 1583
 Ion Ratio Lower Upper
 178 100
 179 25.9 13.0 19.6#
 176 26.4 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.483 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038286.D
 Acq: 25 Dec 2022 00:31

Tgt Ion:202 Resp: 23030
 Ion Ratio Lower Upper
 202 100
 101 12.7 7.5 11.3#
 100 9.4 5.6 8.4#

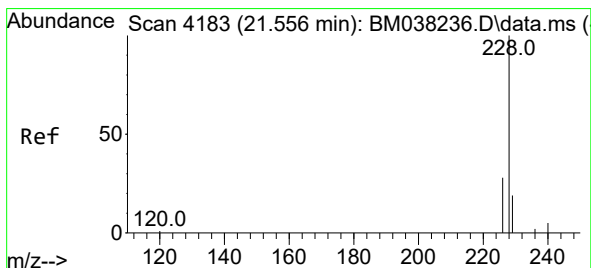
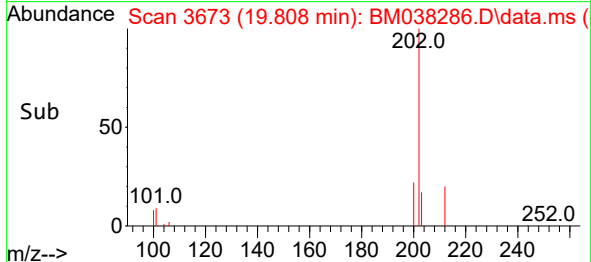
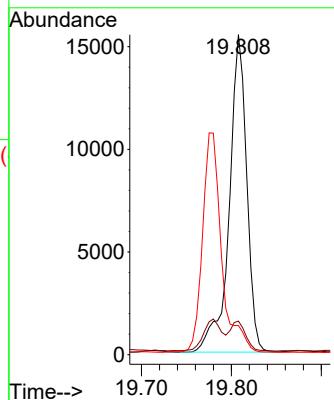
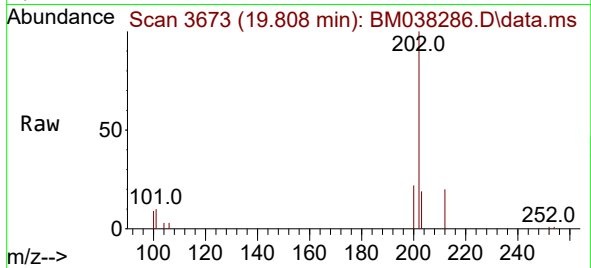




#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

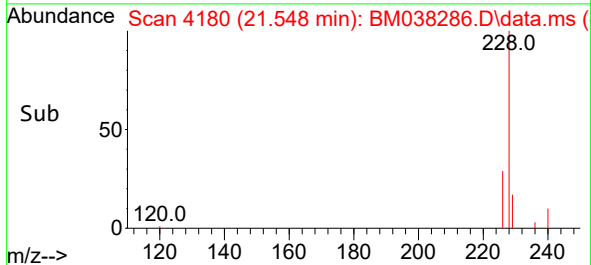
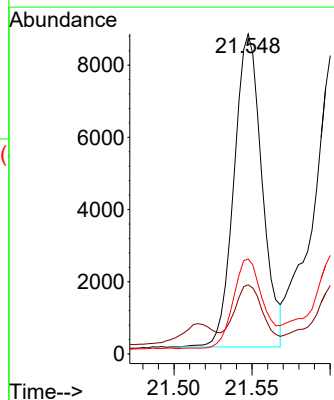
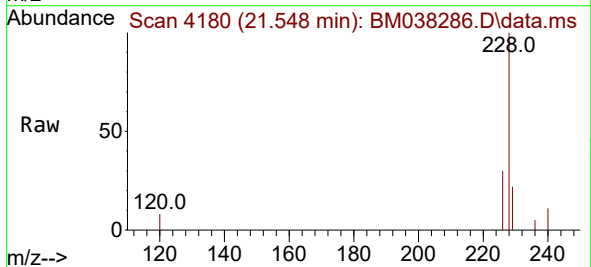
Instrument :
BNA_M
ClientSampleId :

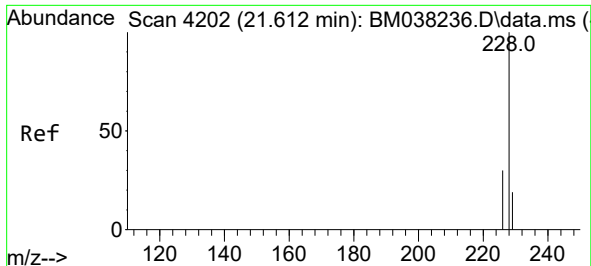
Tgt Ion:202 Resp: 20965
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 9.1 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

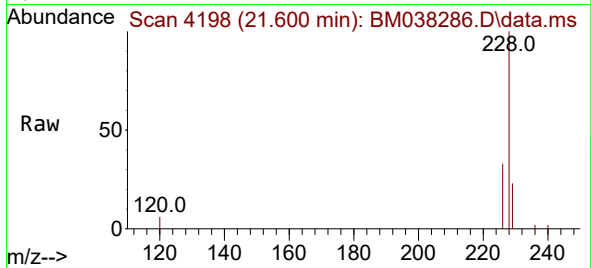
Tgt Ion:228 Resp: 10872
Ion Ratio Lower Upper
228 100
229 21.6 15.5 23.3
226 29.7 22.2 33.2



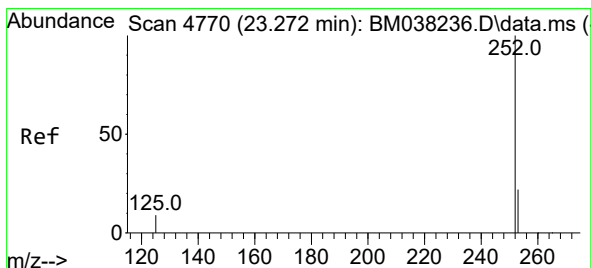
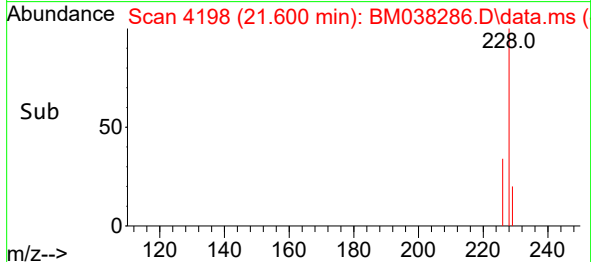
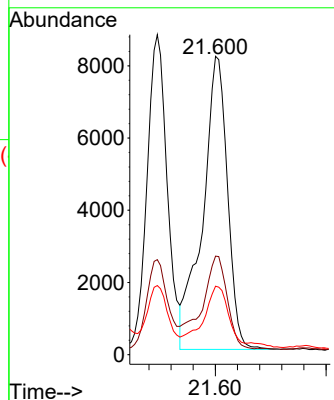


#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :

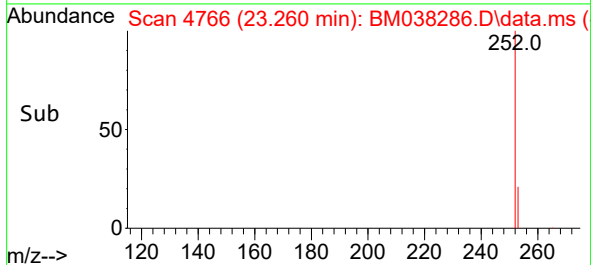
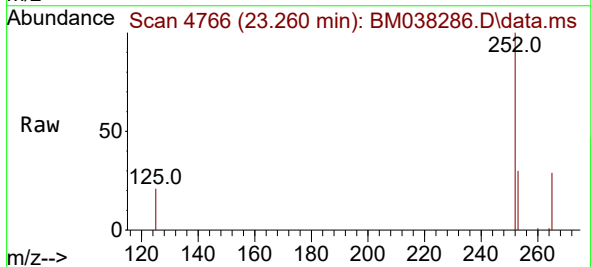
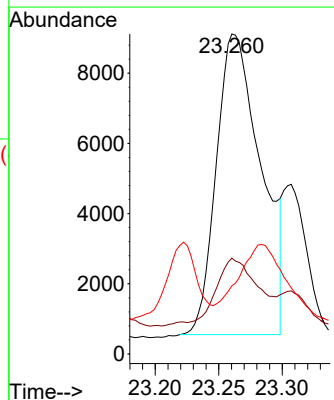


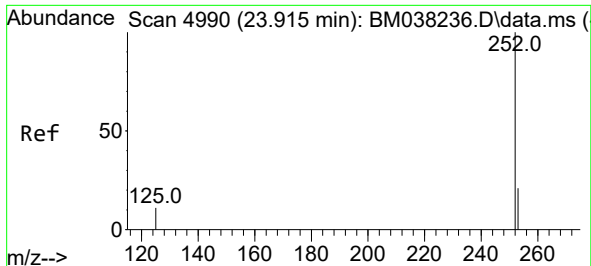
Tgt Ion:228 Resp: 12655
Ion Ratio Lower Upper
228 100
226 33.0 25.0 37.4
229 23.0 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.601 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

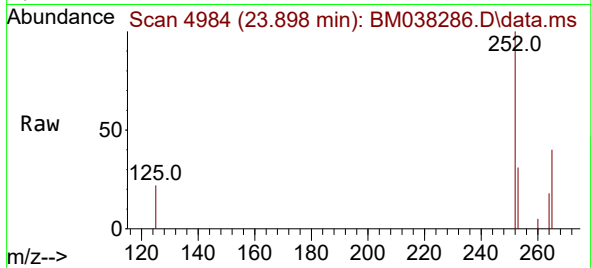
Tgt Ion:252 Resp: 20980
Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.0
125 21.3 0.0 36.6



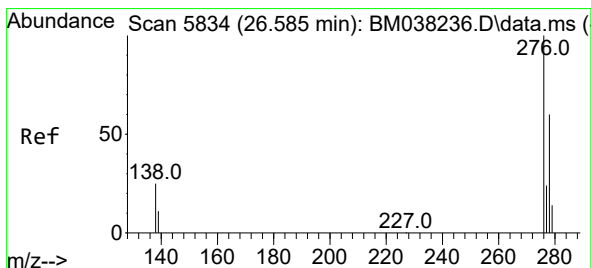
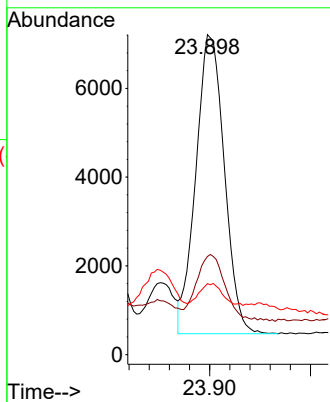
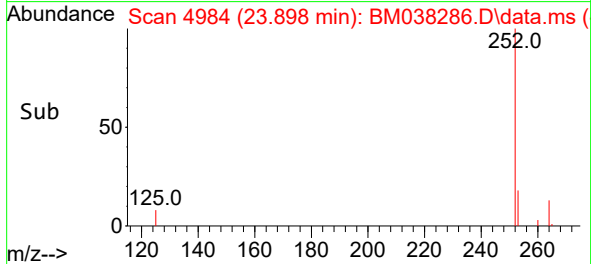


#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :

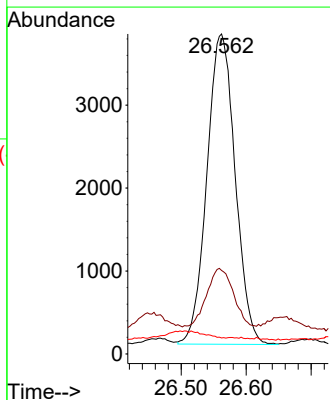
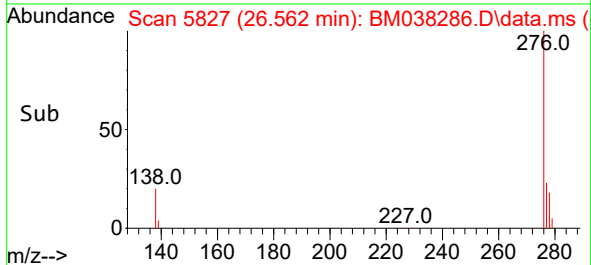
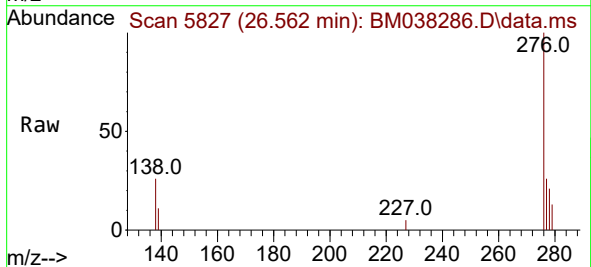


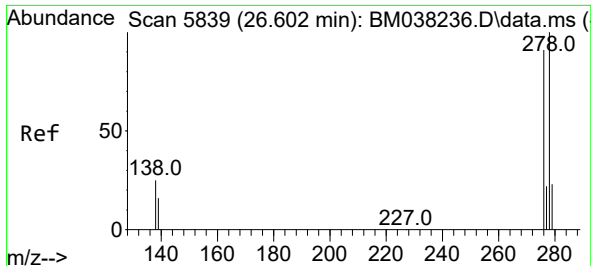
Tgt Ion:252 Resp: 13238
Ion Ratio Lower Upper
252 100
253 30.7 24.2 36.4
125 22.2 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Tgt Ion:276 Resp: 11319
Ion Ratio Lower Upper
276 100
138 21.0 21.7 32.5#
227 0.0 0.0 0.0

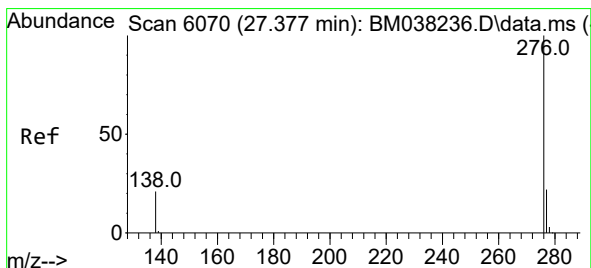
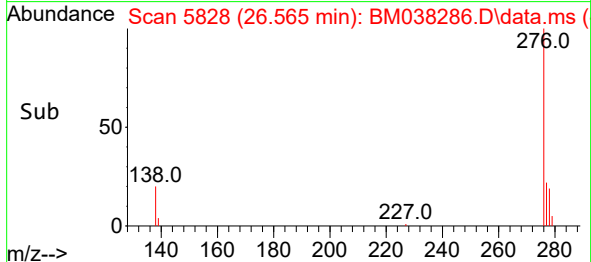
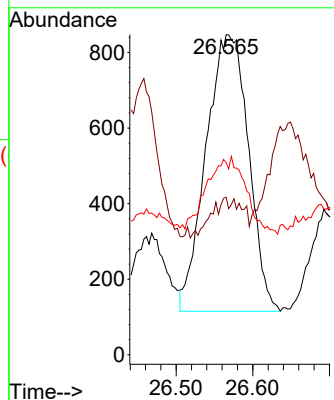
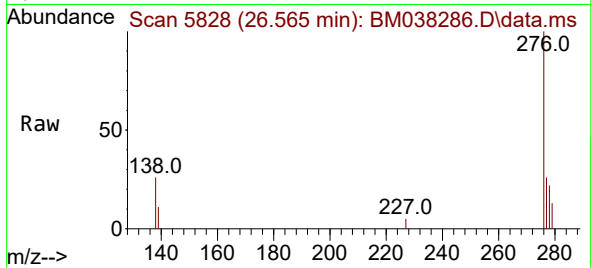




#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.023 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2820
Ion Ratio Lower Upper
278 100
139 49.2 16.8 25.2#
279 60.1 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Tgt Ion:276 Resp: 11965
Ion Ratio Lower Upper
276 100
138 26.8 20.8 31.2
277 26.7 20.5 30.7

