

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038271.D
 Acq On : 24 Dec 2022 14:56
 Operator : CG/JU
 Sample : N6018-11
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:56:18 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)

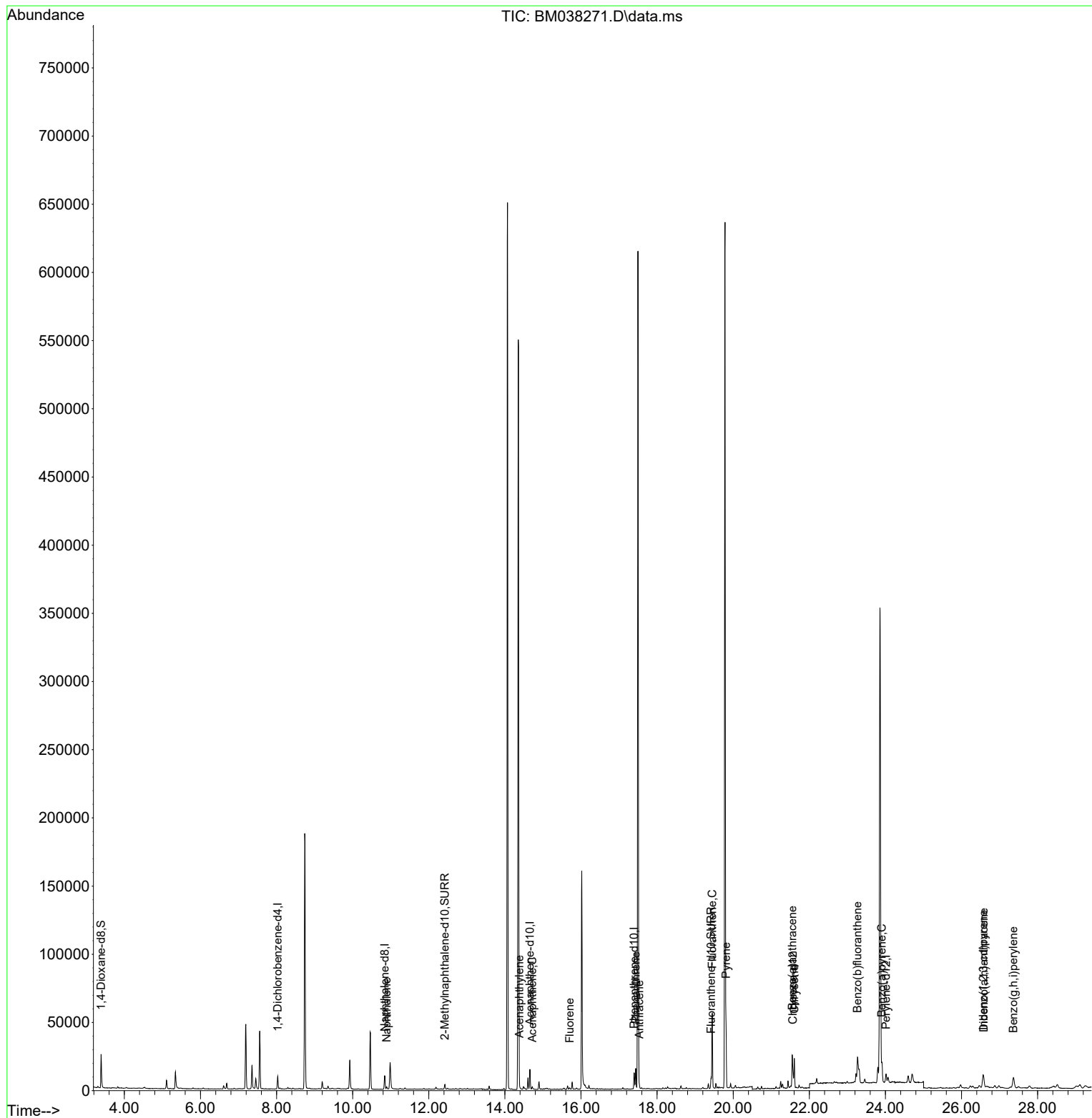
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4497	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13181	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13724	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.568	240	9434	0.400	ng/ul	# 0.00
23) Perylene-d12	24.017	264	8413	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	14432	3.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4408	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7138	0.202	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.889	128	1012	0.026	ng/ul#	77
10) Acenaphthylene	14.384	152	1532	0.037	ng/ul#	80
11) Acenaphthene	14.722	153	688	0.023	ng/ul#	93
12) Fluorene	15.702	166	775	0.024	ng/ul#	94
15) Phenanthrene	17.438	178	15190	0.331	ng/ul	98
16) Anthracene	17.531	178	2467	0.056	ng/ul#	86
19) Fluoranthene	19.450	202	46840	0.906	ng/ul	100
20) Pyrene	19.812	202	39768	0.761	ng/ul	97
21) Benzo(a)anthracene	21.550	228	18172	0.439	ng/ul	95
22) Chrysene	21.606	228	21878	0.543	ng/ul	97
24) Benzo(b)fluoranthene	23.266	252	33135	0.890	ng/ul	99
26) Benzo(a)pyrene	23.906	252	20747	0.639	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.569	276	17473	0.388	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.582	278	4246	0.121	ng/ul#	56
29) Benzo(g,h,i)perylene	27.363	276	17767	0.469	ng/ul	98

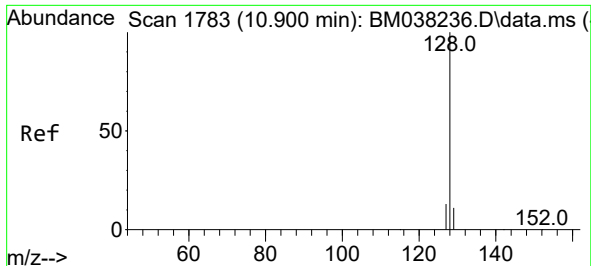
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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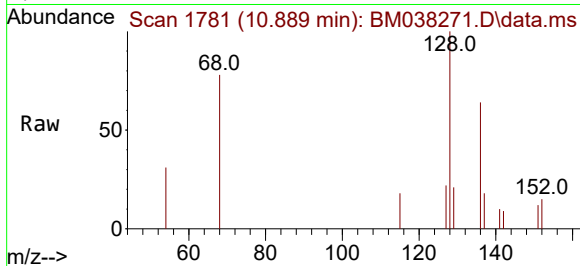
Quant Time: Dec 25 02:56:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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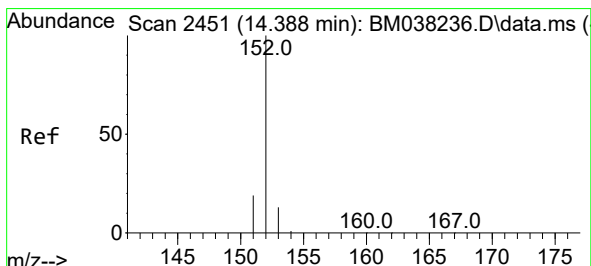
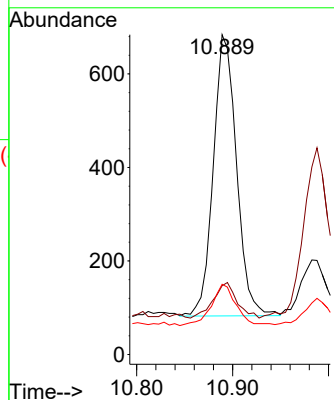
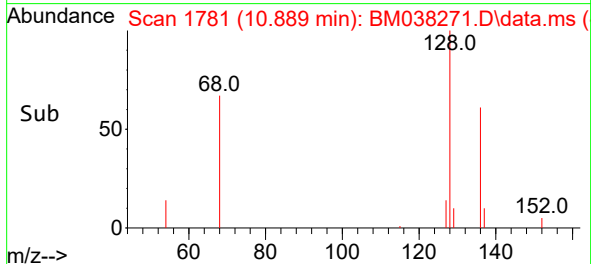


#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Instrument :
BNA_M
ClientSampleId :

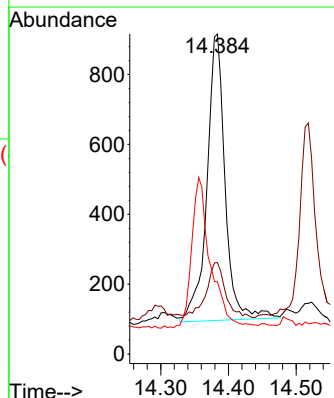
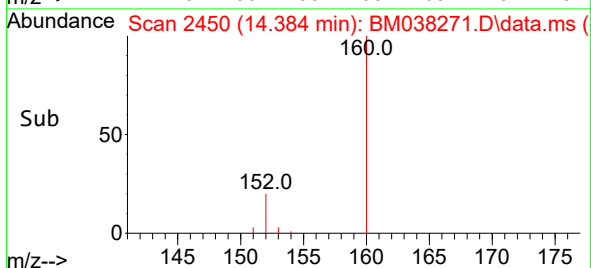
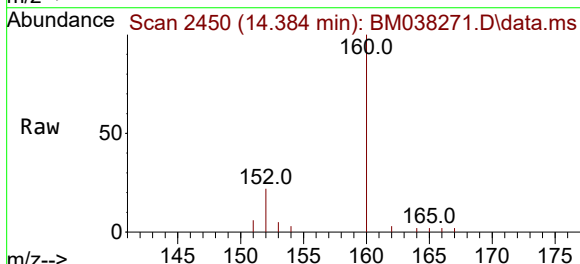


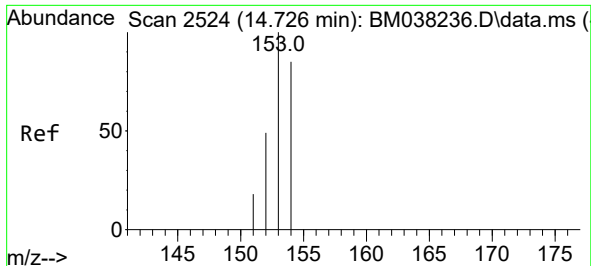
Tgt Ion:128 Resp: 1012
Ion Ratio Lower Upper
128 100
129 21.5 9.4 14.0#
127 21.9 10.7 16.1#



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

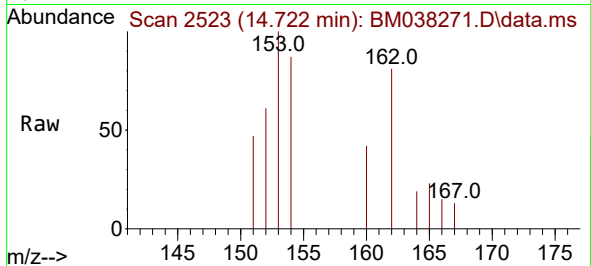
Tgt Ion:152 Resp: 1532
Ion Ratio Lower Upper
152 100
151 28.6 16.2 24.2#
153 22.6 10.7 16.1#



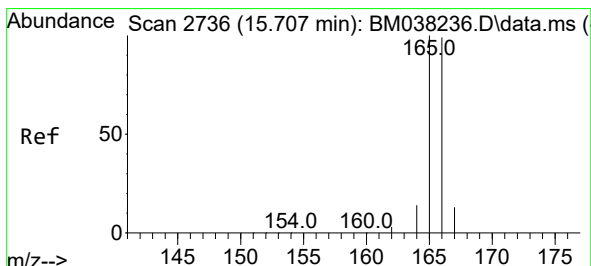
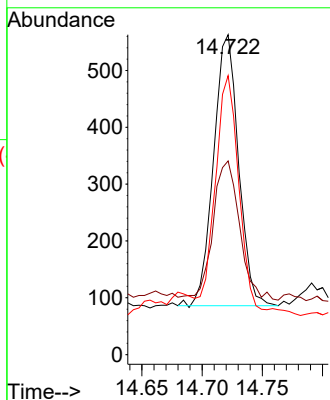
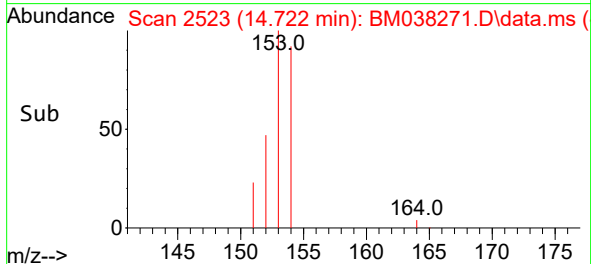


#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Instrument :
BNA_M
ClientSampleId :

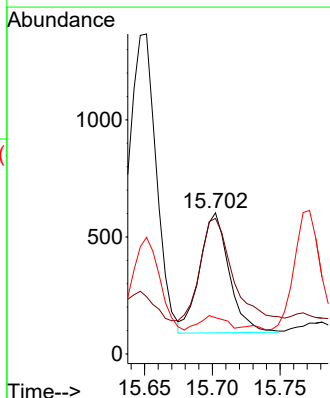
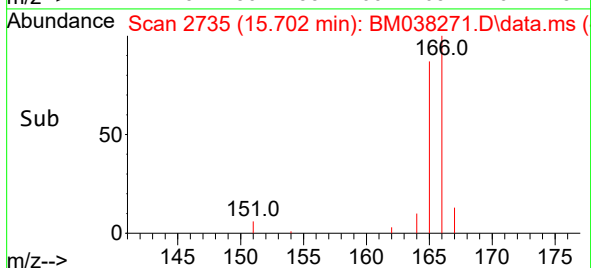
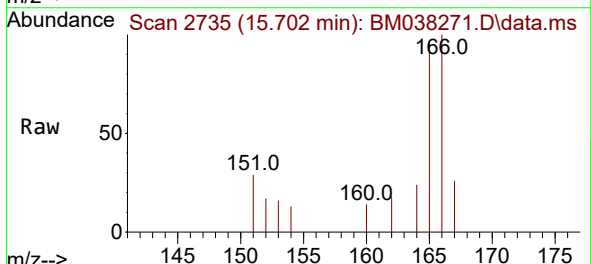


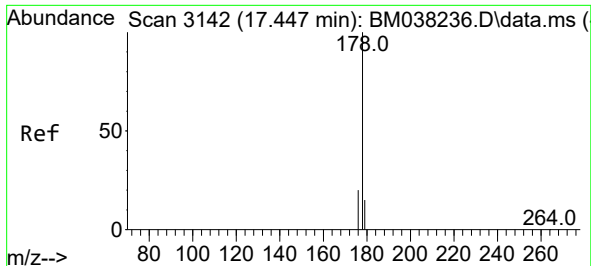
Tgt Ion:153 Resp: 688
Ion Ratio Lower Upper
153 100
152 60.6 39.4 59.0#
154 87.2 69.0 103.4



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

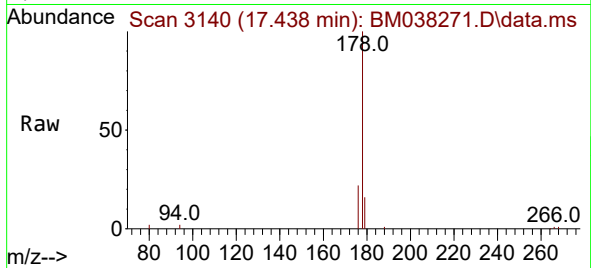
Tgt Ion:166 Resp: 775
Ion Ratio Lower Upper
166 100
165 96.0 79.0 118.6
167 25.7 11.0 16.6#



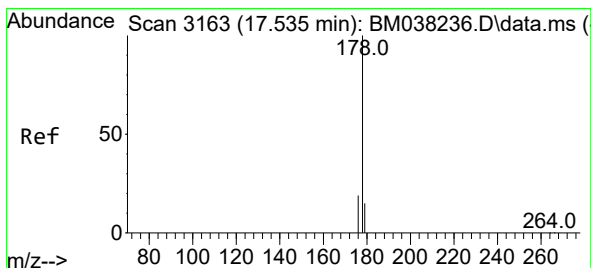
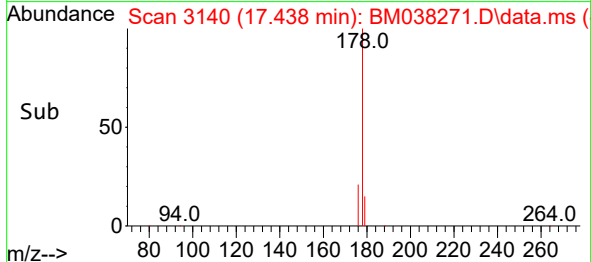
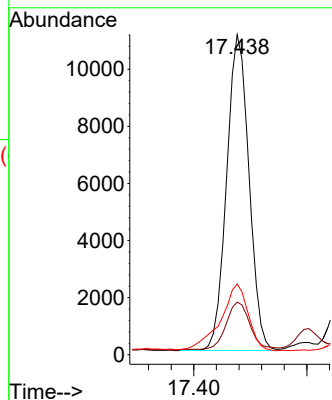


#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Instrument :
BNA_M
ClientSampleId :

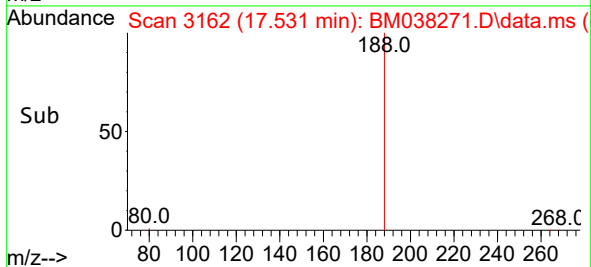
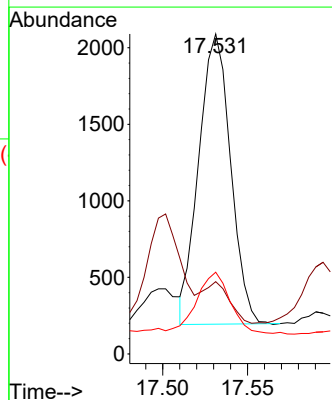
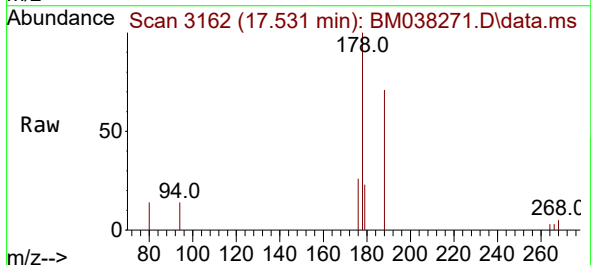


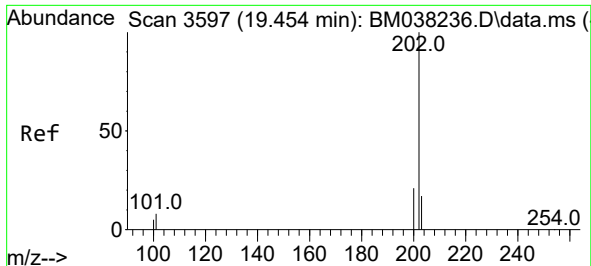
Tgt Ion:178 Resp: 15190
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 22.1 16.2 24.4



#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Tgt Ion:178 Resp: 2467
Ion Ratio Lower Upper
178 100
179 22.6 13.0 19.6#
176 25.6 15.6 23.4#

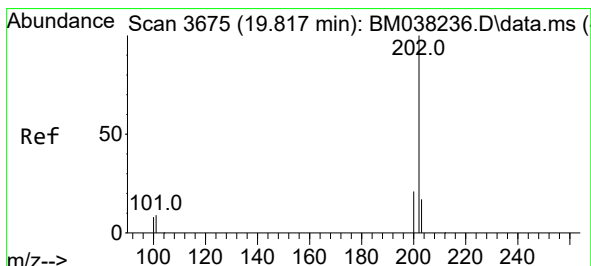
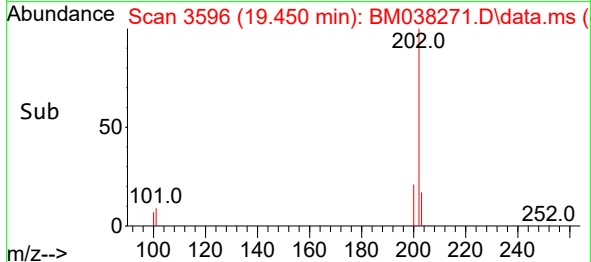
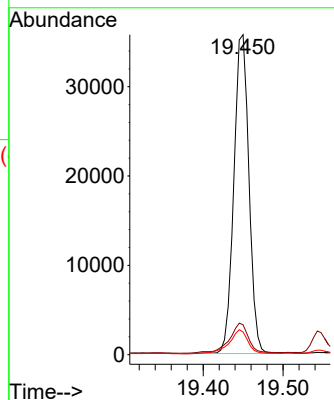
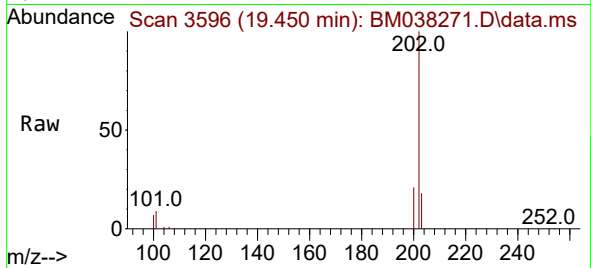




#19
Fluoranthene
Concen: 0.906 ng/ul
RT: 19.450 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

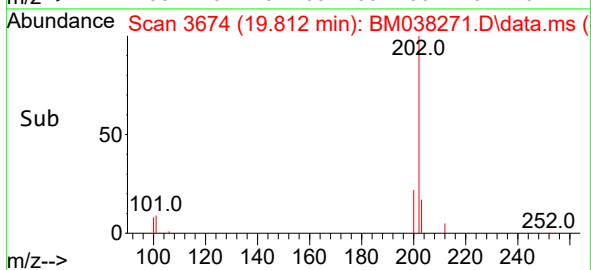
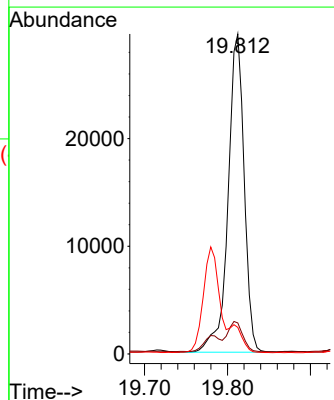
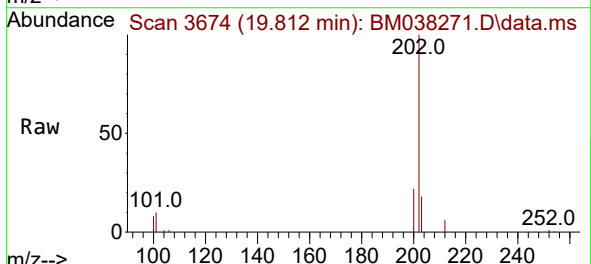
Instrument :
BNA_M
ClientSampleId :

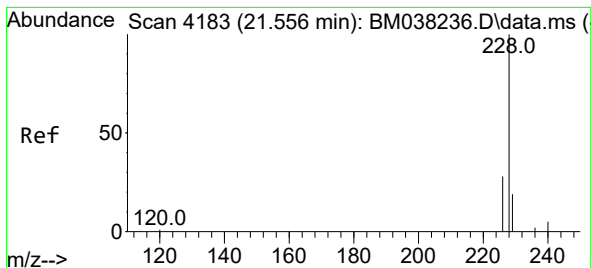
Tgt Ion:202 Resp: 46840
Ion Ratio Lower Upper
202 100
101 9.3 7.5 11.3
100 7.1 5.6 8.4



#20
Pyrene
Concen: 0.761 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Tgt Ion:202 Resp: 39768
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 8.3 7.4 11.0





#21

Benzo(a)anthracene

Concen: 0.439 ng/ul

RT: 21.550 min Scan# 4183

Delta R.T. 0.000 min

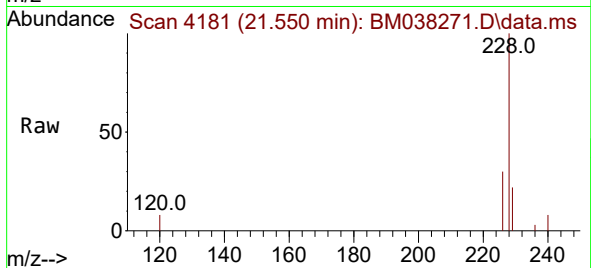
Lab File: BM038271.D

Acq: 24 Dec 2022 14:56

Instrument :

BNA_M

ClientSampleId :



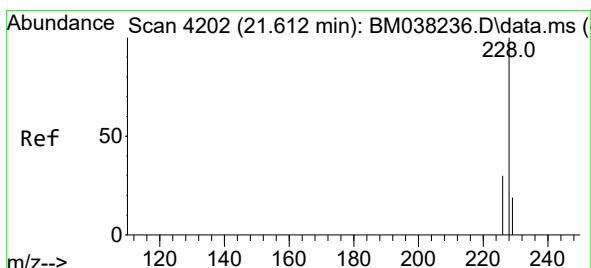
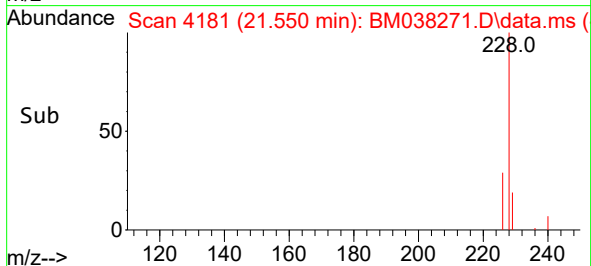
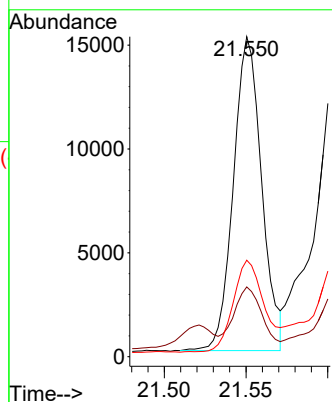
Tgt Ion:228 Resp: 18172

Ion Ratio Lower Upper

228 100

229 21.8 15.5 23.3

226 30.1 22.2 33.2



#22

Chrysene

Concen: 0.543 ng/ul

RT: 21.606 min Scan# 4200

Delta R.T. 0.000 min

Lab File: BM038271.D

Acq: 24 Dec 2022 14:56

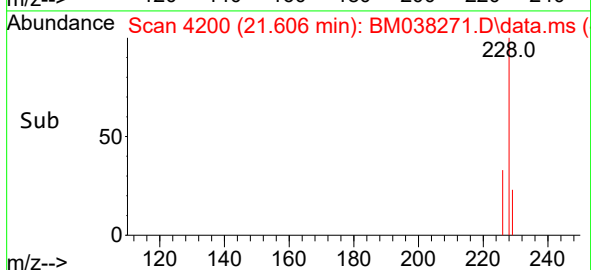
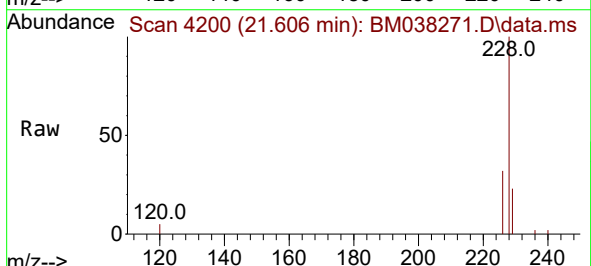
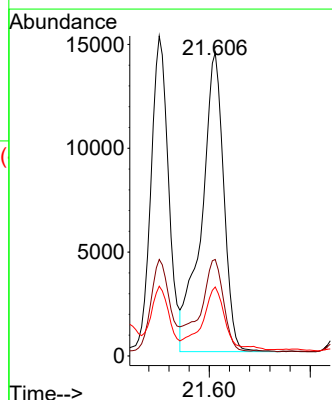
Tgt Ion:228 Resp: 21878

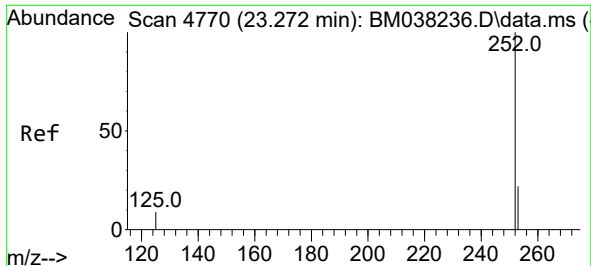
Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.4

229 22.7 16.0 24.0

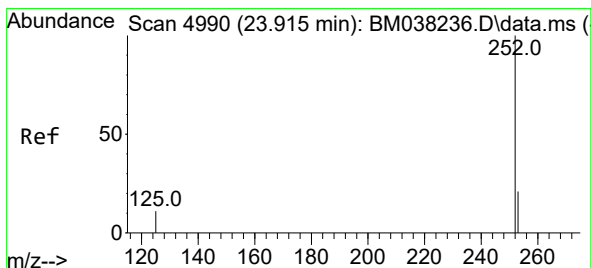
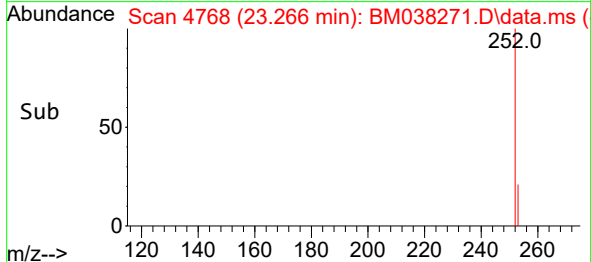
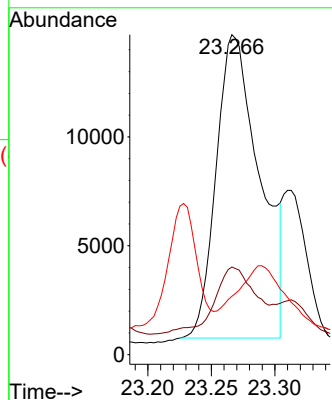
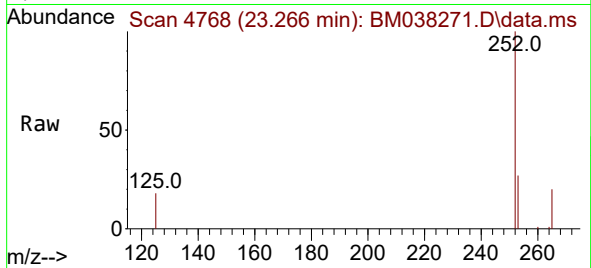




#24
Benzo(b)fluoranthene
Concen: 0.890 ng/ul
RT: 23.266 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

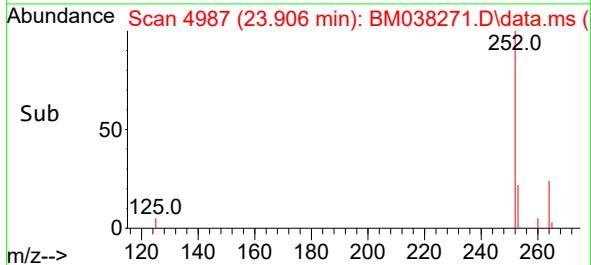
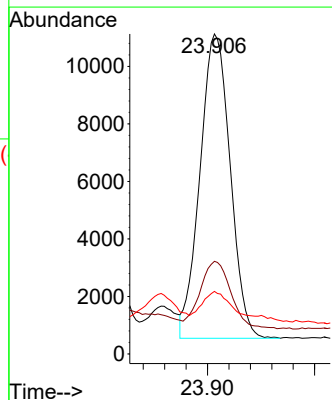
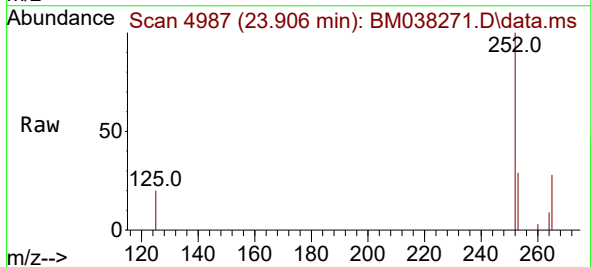
Instrument :
BNA_M
ClientSampleId :

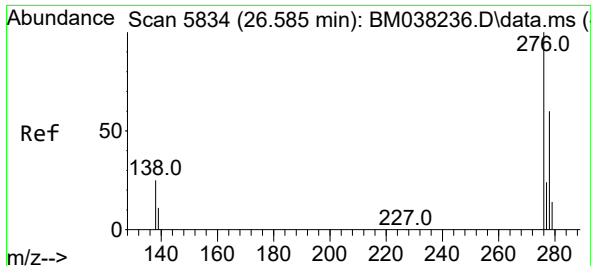
Tgt Ion:252 Resp: 33135
Ion Ratio Lower Upper
252 100
253 27.4 0.0 56.0
125 18.3 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.639 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038271.D
Acq: 24 Dec 2022 14:56

Tgt Ion:252 Resp: 20747
Ion Ratio Lower Upper
252 100
253 29.0 24.2 36.4
125 19.6 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul

RT: 26.569 min Scan# 5829

Delta R.T. 0.000 min

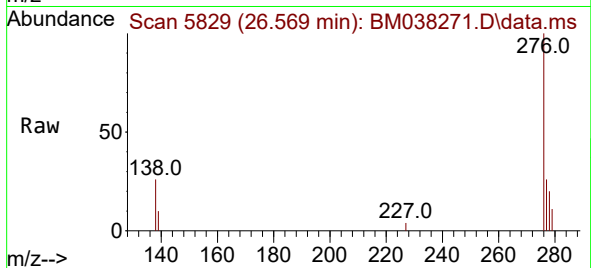
Lab File: BM038271.D

Acq: 24 Dec 2022 14:56

Instrument :

BNA_M

ClientSampleId :



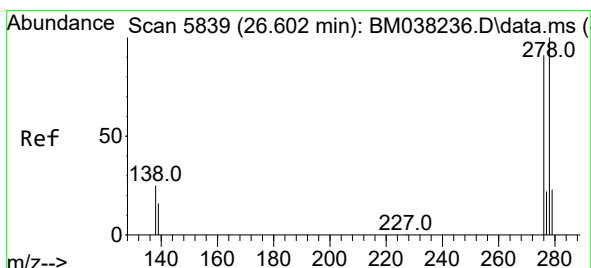
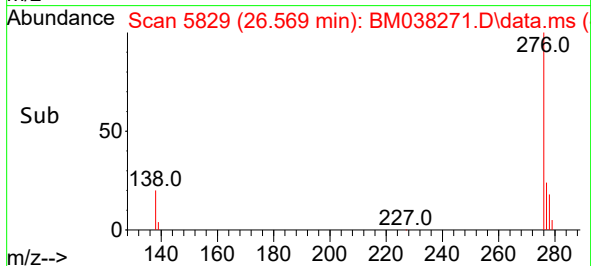
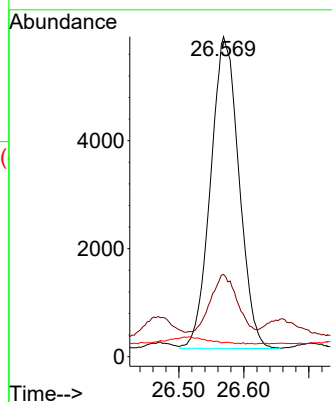
Tgt Ion:276 Resp: 17473

Ion Ratio Lower Upper

276 100

138 20.4 21.7 32.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.121 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. -0.007 min

Lab File: BM038271.D

Acq: 24 Dec 2022 14:56

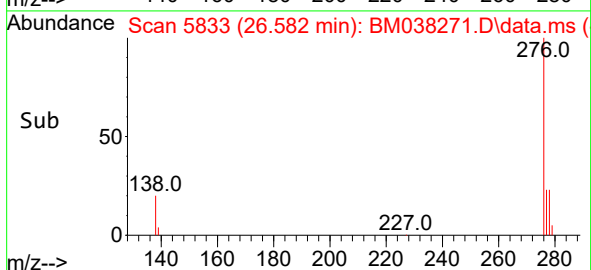
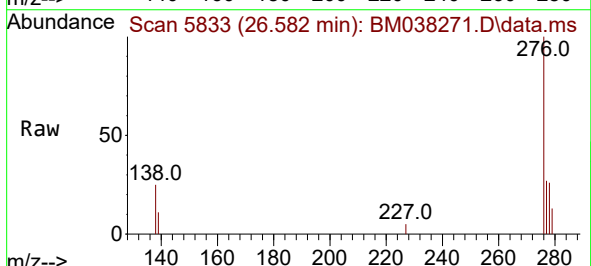
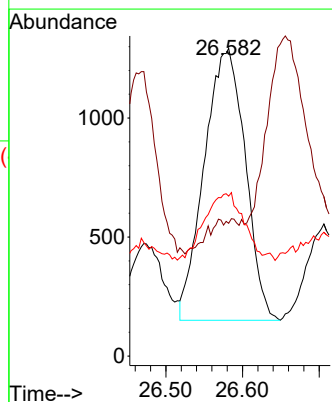
Tgt Ion:278 Resp: 4246

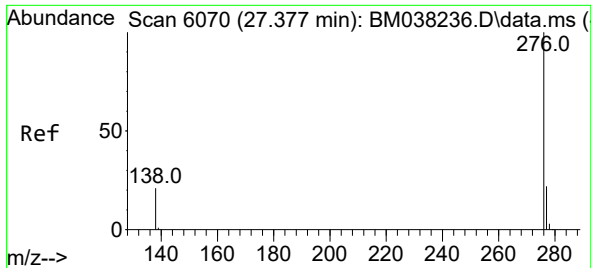
Ion Ratio Lower Upper

278 100

139 43.2 16.8 25.2#

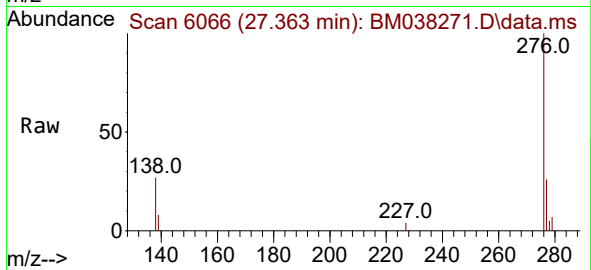
279 52.0 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.469 ng/ul
 RT: 27.363 min Scan# 6066
 Delta R.T. 0.003 min
 Lab File: BM038271.D
 Acq: 24 Dec 2022 14:56

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	17767
Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.8	31.2
277	26.0	20.5	30.7

