

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038257.D
 Acq On : 24 Dec 2022 06:33
 Operator : CG/JU
 Sample : N6015-10DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:54:04 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)

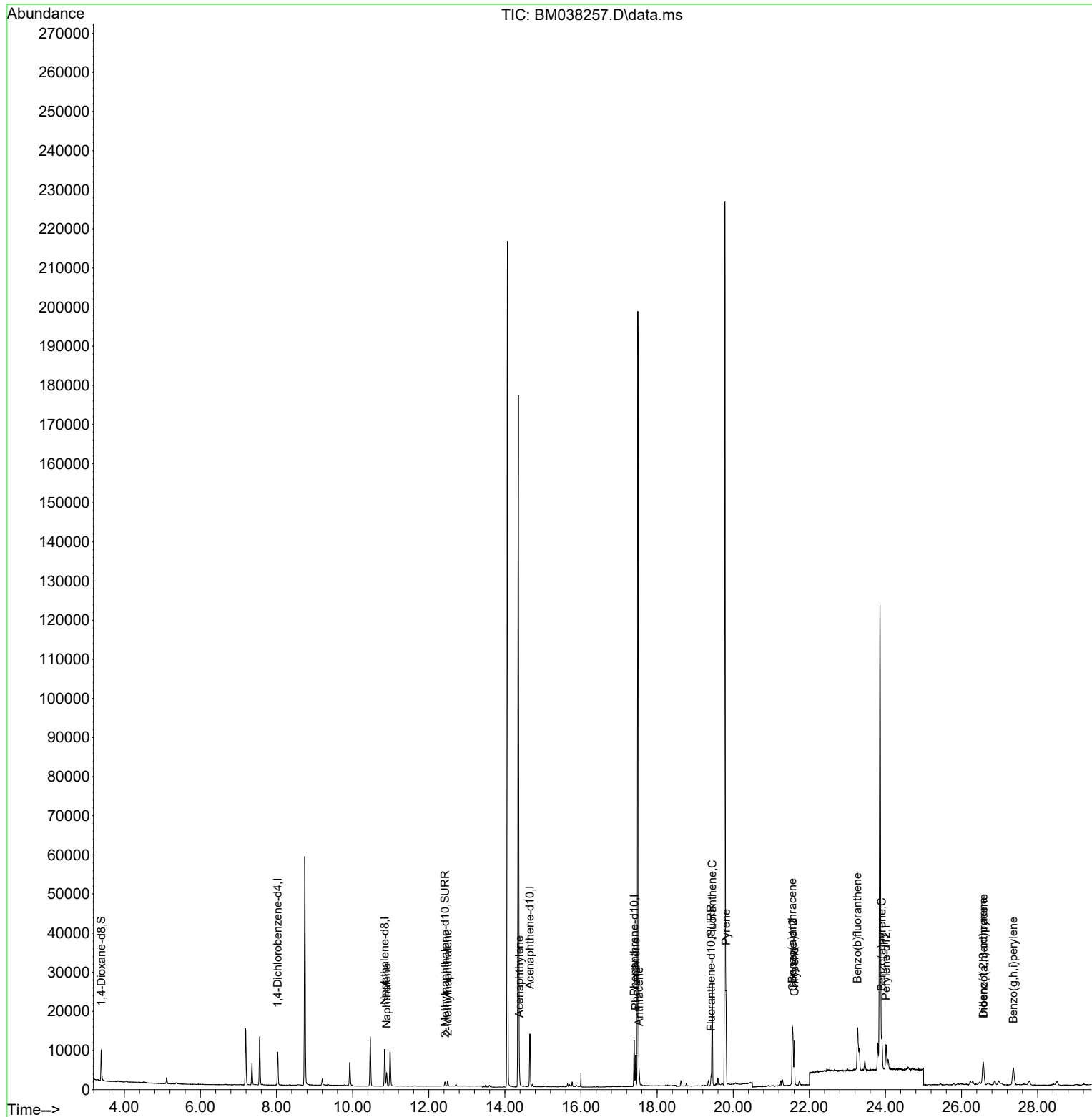
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.841	136	12476	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.658	164	6921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.397	188	13427	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	8437	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	8724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.394	96	4940	1.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.425	152	1343	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	2398	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.891	128	4394	0.120	ng/ul	96
7) 2-Methylnaphthalene	12.496	142	908	0.040	ng/ul	98
10) Acenaphthylene	14.380	152	3520	0.092	ng/ul	93
15) Phenanthrene	17.439	178	8355	0.186	ng/ul	98
16) Anthracene	17.528	178	2865	0.066	ng/ul#	90
19) Fluoranthene	19.446	202	22175	0.480	ng/ul	99
20) Pyrene	19.809	202	18851	0.404	ng/ul	99
21) Benzo(a)anthracene	21.552	228	11621	0.314	ng/ul	95
22) Chrysene	21.607	228	11948	0.332	ng/ul	97
24) Benzo(b)fluoranthene	23.264	252	19268	0.499	ng/ul	98
26) Benzo(a)pyrene	23.905	252	12315	0.365	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.567	276	10128	0.217	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.574	278	2524	0.070	ng/ul#	47
29) Benzo(g,h,i)perylene	27.358	276	9894	0.252	ng/ul	97

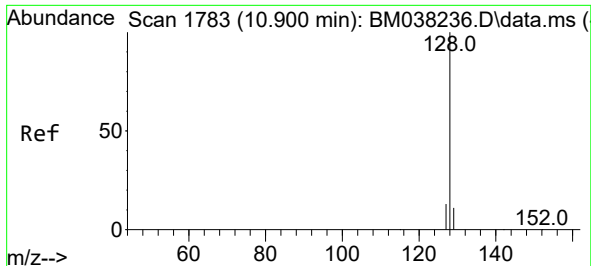
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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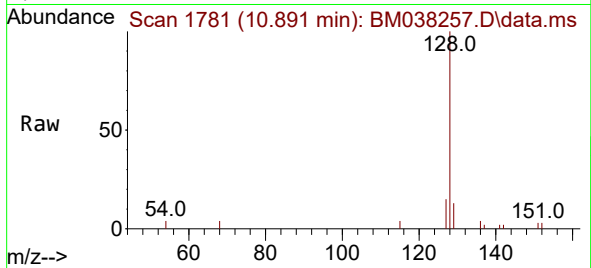
Quant Time: Dec 25 02:54:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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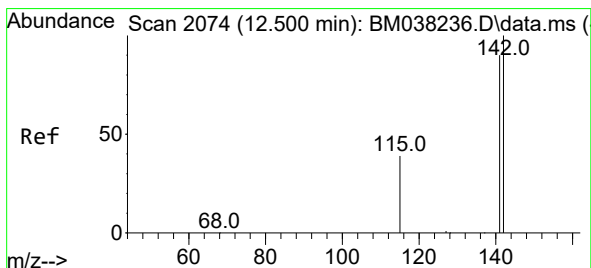
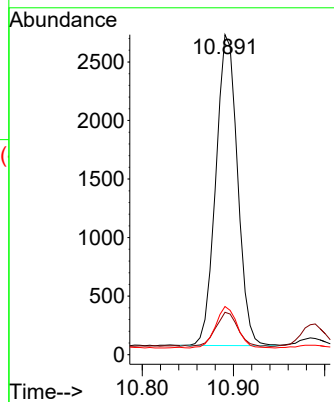
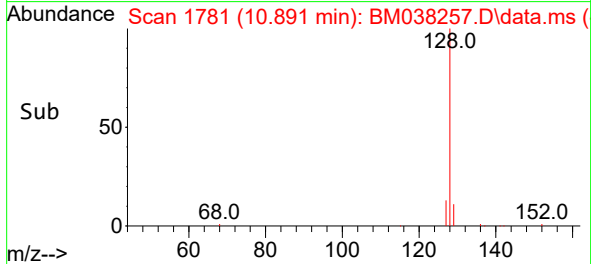


#5
Naphthalene
Concen: 0.120 ng/ul
RT: 10.891 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

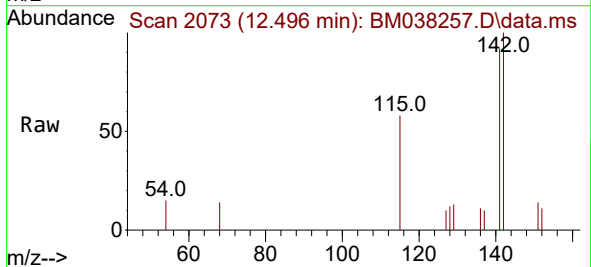
Instrument :
BNA_M
ClientSampleId :



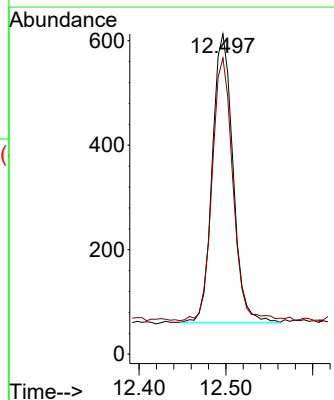
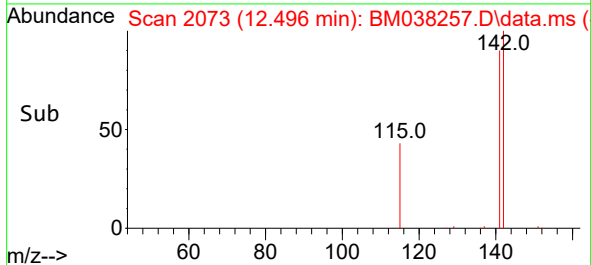
Tgt Ion:128 Resp: 4394
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 15.0 10.7 16.1

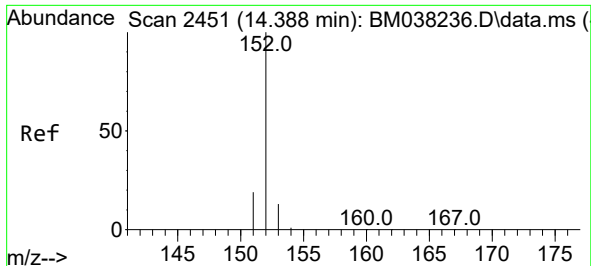


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. 0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33



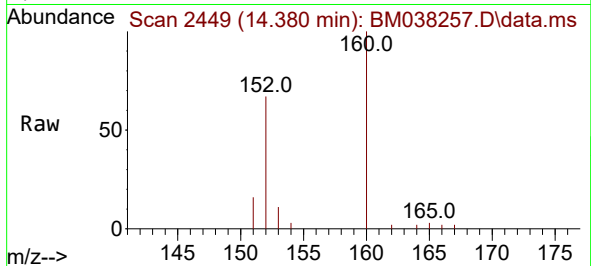
Tgt Ion:142 Resp: 908
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9



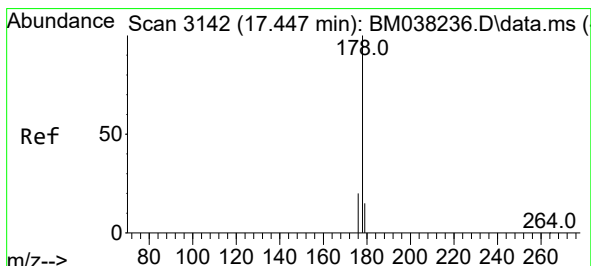
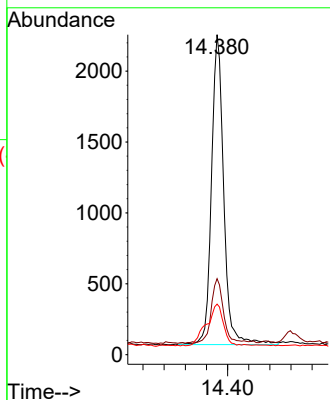
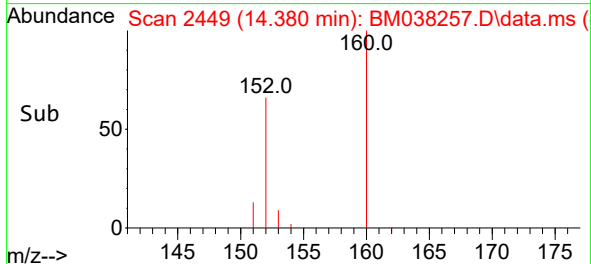


#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.380 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

Instrument :
BNA_M
ClientSampleId :

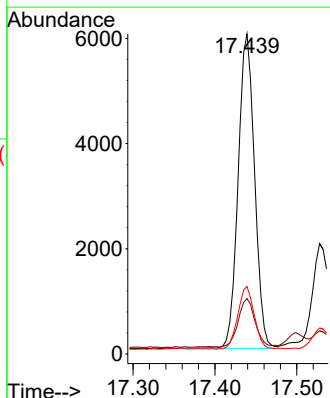
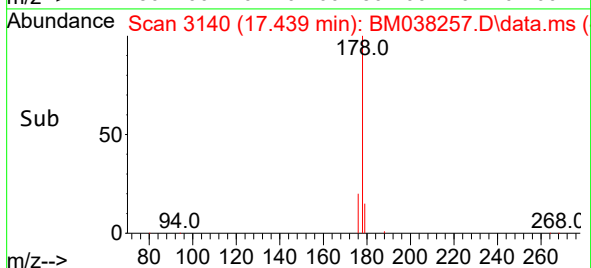
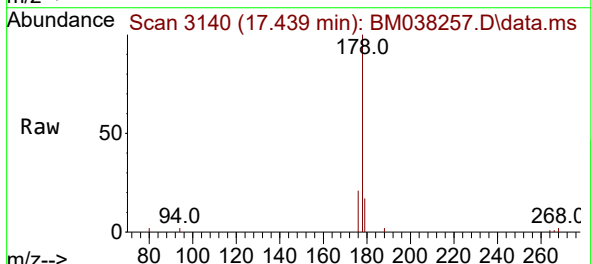


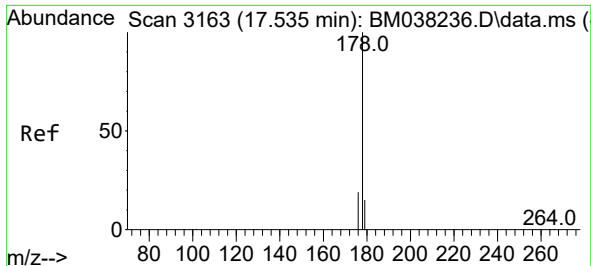
Tgt Ion:152 Resp: 3520
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2
153 15.8 10.7 16.1



#15
Phenanthrene
Concen: 0.186 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

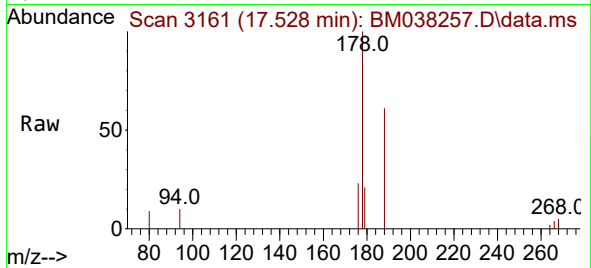
Tgt Ion:178 Resp: 8355
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.4
176 21.1 16.2 24.4



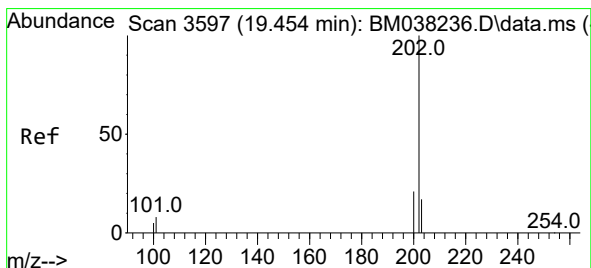
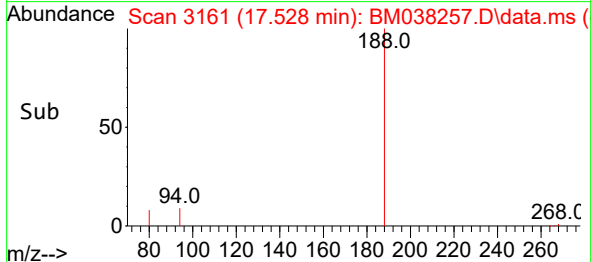
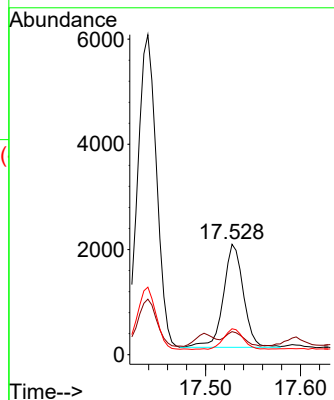


#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.528 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33

Instrument :
 BNA_M
 ClientSampleId :

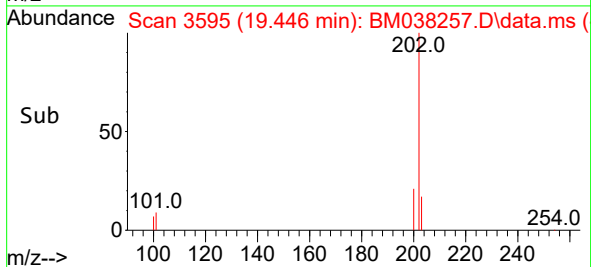
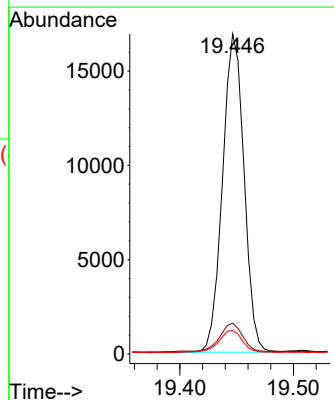
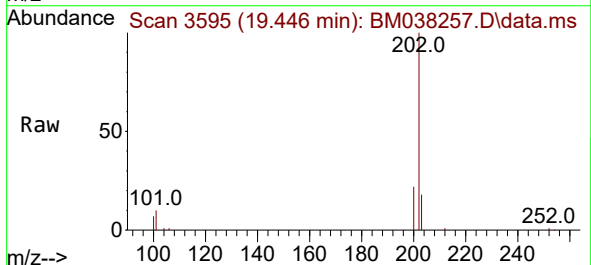


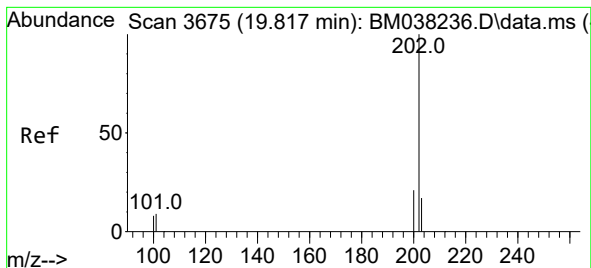
Tgt Ion:178 Resp: 2865
 Ion Ratio Lower Upper
 178 100
 179 20.8 13.0 19.6#
 176 23.4 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.480 ng/ul
 RT: 19.446 min Scan# 3595
 Delta R.T. -0.003 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33

Tgt Ion:202 Resp: 22175
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.5 11.3
 100 7.3 5.6 8.4





#20

Pyrene

Concen: 0.404 ng/ul

RT: 19.809 min Scan# 3

Delta R.T. -0.003 min

Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

Instrument :

BNA_M

ClientSampleId :

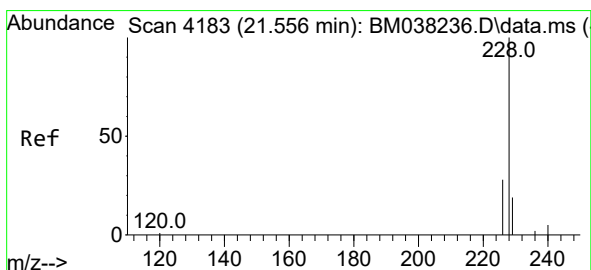
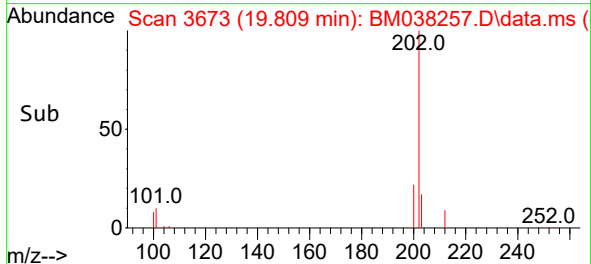
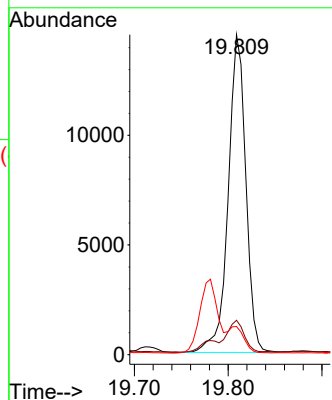
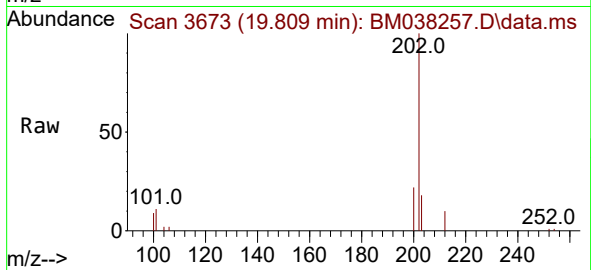
Tgt Ion:202 Resp: 18851

Ion Ratio Lower Upper

202 100

101 10.7 8.9 13.3

100 8.8 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.314 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. 0.001 min

Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

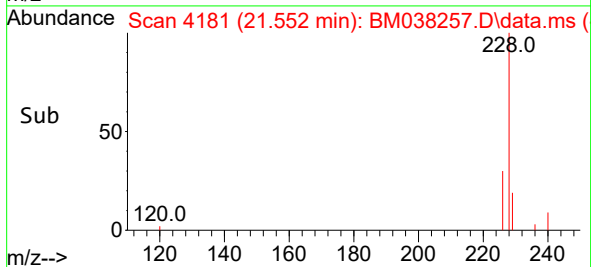
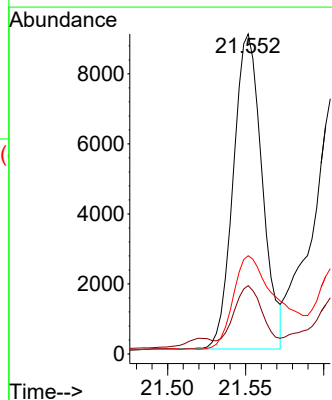
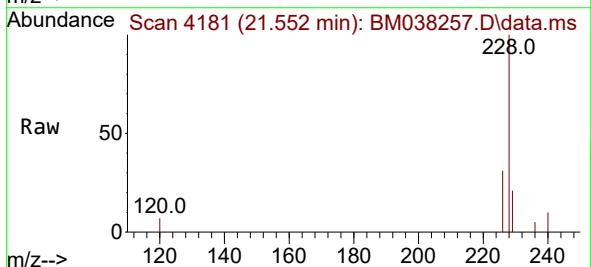
Tgt Ion:228 Resp: 11621

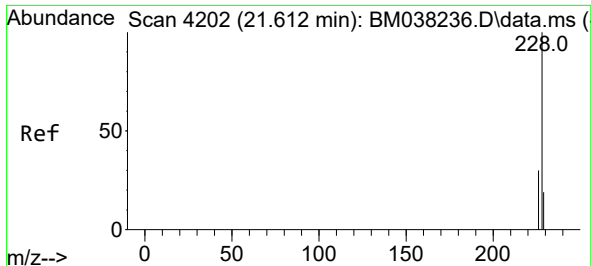
Ion Ratio Lower Upper

228 100

229 21.3 15.5 23.3

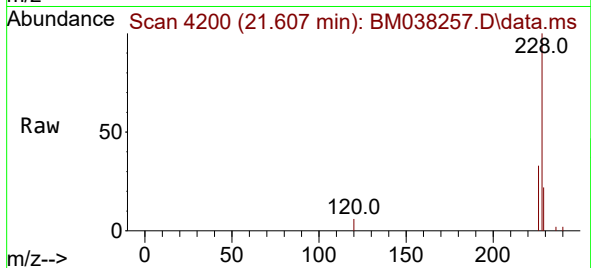
226 30.7 22.2 33.2



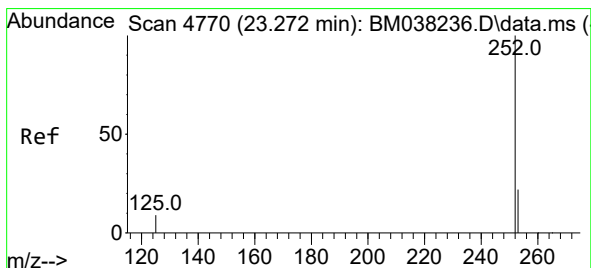
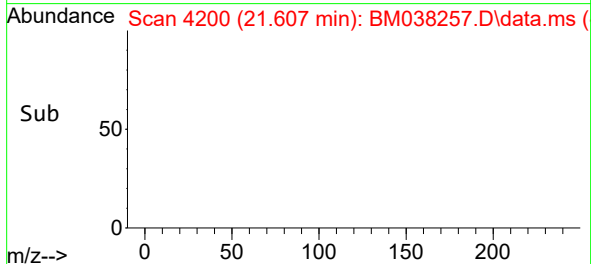
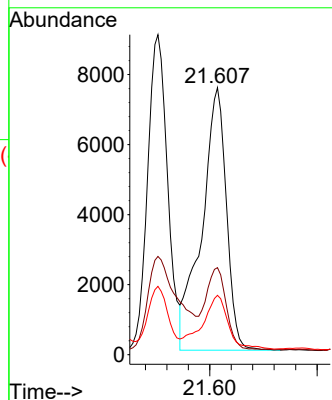


#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.607 min Scan# 41
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

Instrument :
BNA_M
ClientSampleId :

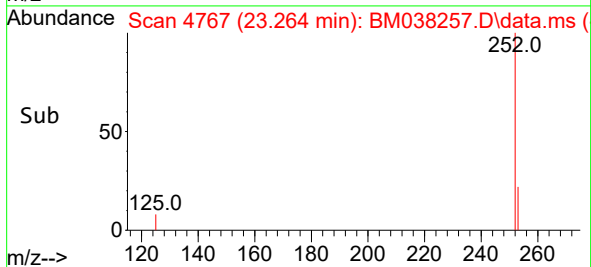
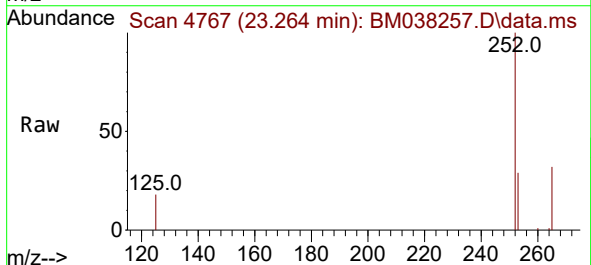
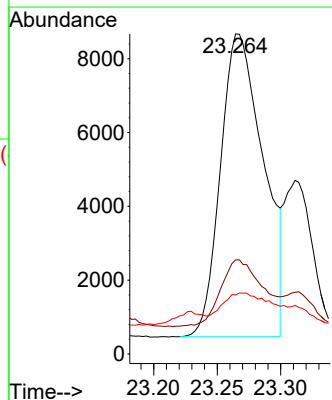


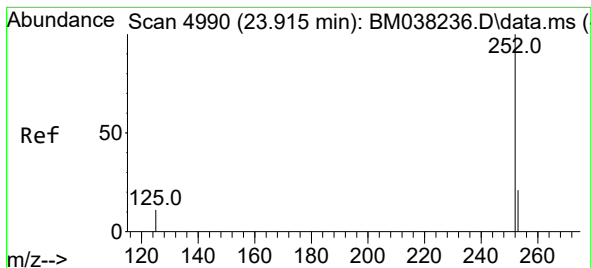
Tgt Ion:228 Resp: 11948
Ion Ratio Lower Upper
228 100
226 32.6 25.0 37.4
229 22.2 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul
RT: 23.264 min Scan# 4767
Delta R.T. -0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

Tgt Ion:252 Resp: 19268
Ion Ratio Lower Upper
252 100
253 29.4 0.0 56.0
125 18.5 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.905 min Scan# 4990

Delta R.T. -0.002 min

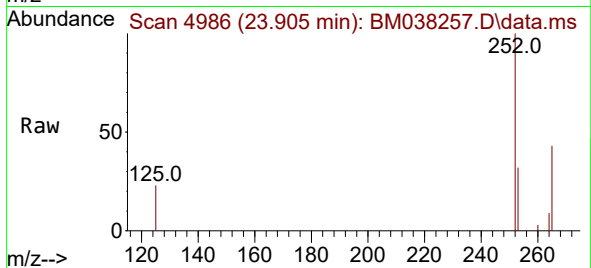
Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

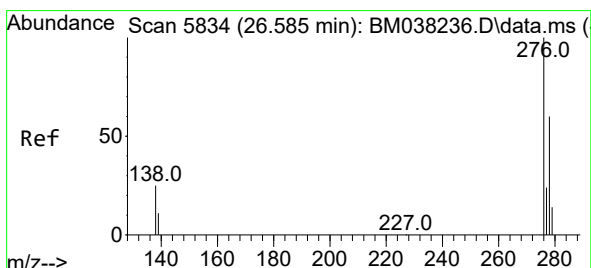
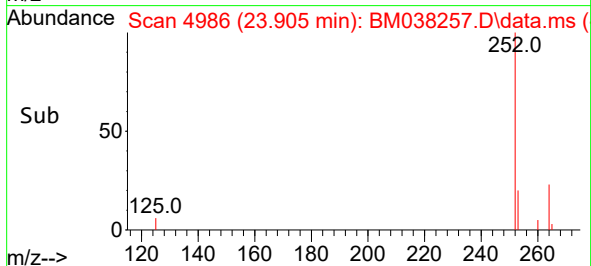
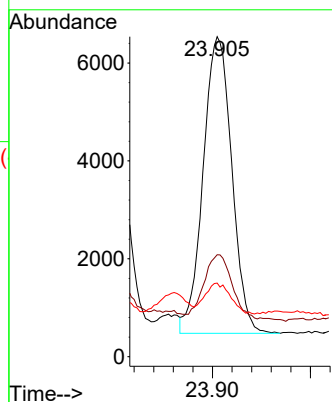
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	12315
Ion Ratio	Lower	Upper	
252	100		
253	31.9	24.2	36.4
125	23.0	17.3	25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng/ul

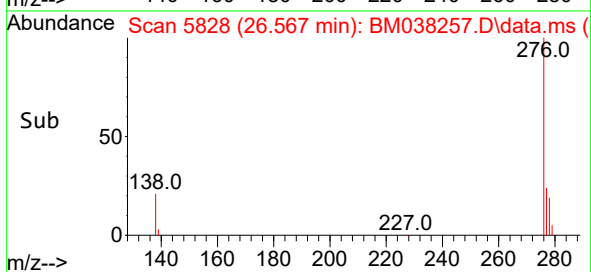
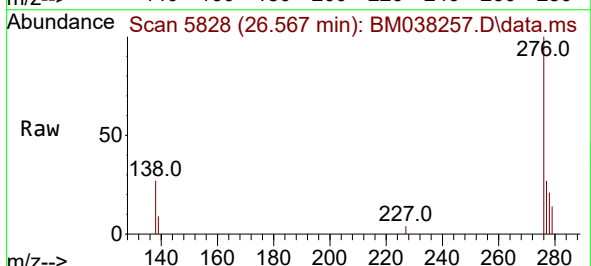
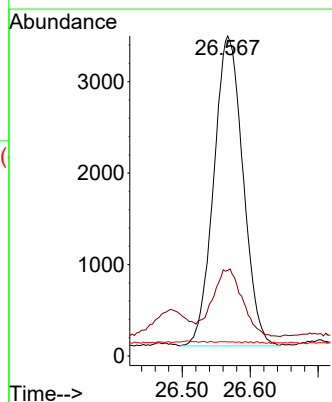
RT: 26.567 min Scan# 5828

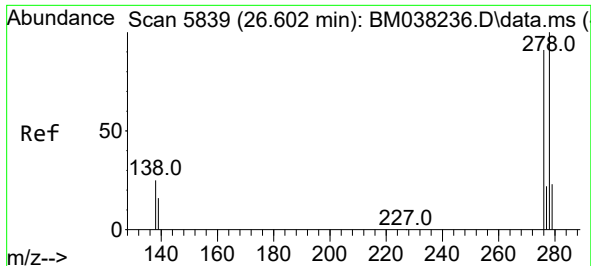
Delta R.T. -0.002 min

Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

Tgt Ion:	276	Resp:	10128
Ion Ratio	Lower	Upper	
276	100		
138	22.5	21.7	32.5
227	0.2	0.0	0.0

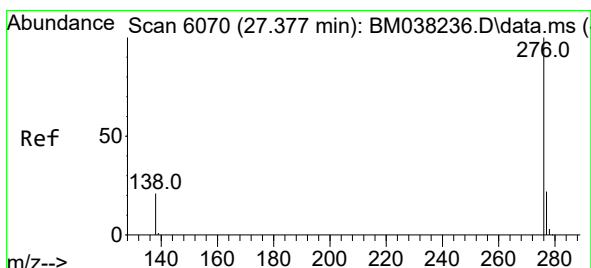
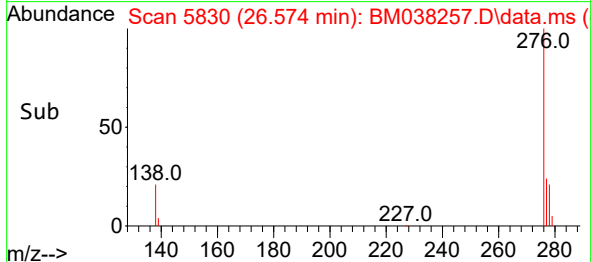
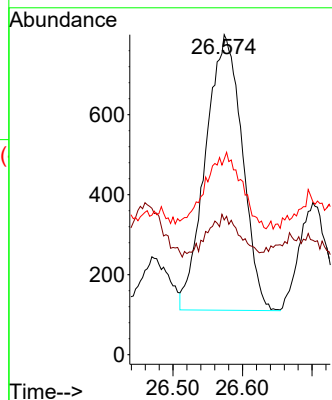
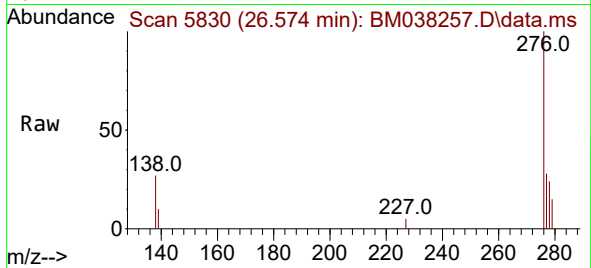




#28
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/ul
 RT: 26.574 min Scan# 51
 Delta R.T. -0.015 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2524
 Ion Ratio Lower Upper
 278 100
 139 42.1 16.8 25.2#
 279 61.1 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.252 ng/ul
 RT: 27.358 min Scan# 6064
 Delta R.T. -0.002 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33

Tgt Ion:276 Resp: 9894
 Ion Ratio Lower Upper
 276 100
 138 27.3 20.8 31.2
 277 27.6 20.5 30.7

