

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038259.D
 Acq On : 24 Dec 2022 07:45
 Operator : CG/JU
 Sample : N6015-16DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:54:23 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)

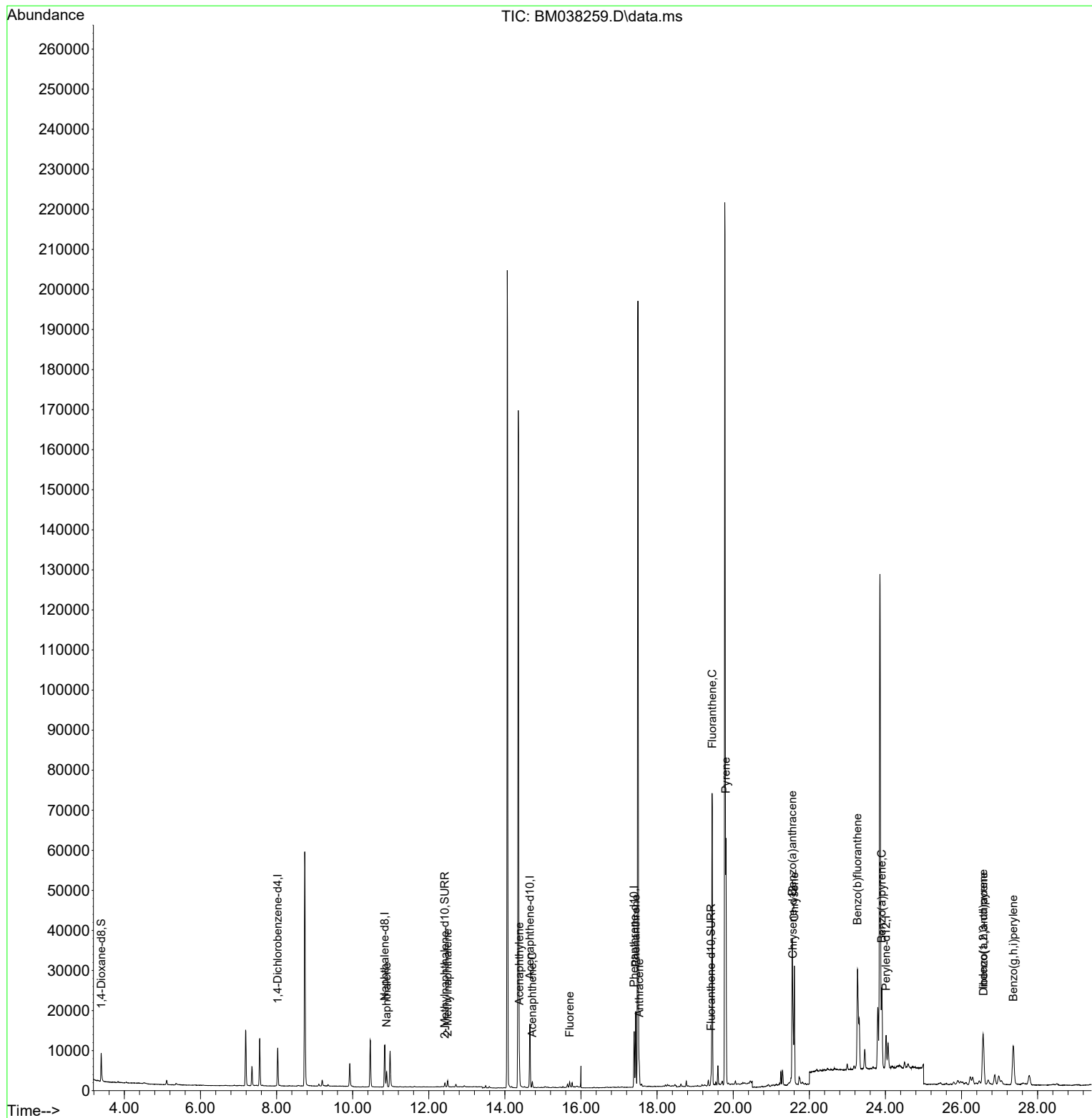
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4717	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	14164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	8117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	16259	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	10516	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	10779	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4499	0.938	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1275	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	2389	0.061	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.895	128	5105	0.123	ng/ul	97
7) 2-Methylnaphthalene	12.495	142	1019	0.039	ng/ul	99
10) Acenaphthylene	14.379	152	6891	0.154	ng/ul	98
11) Acenaphthene	14.722	153	824	0.026	ng/ul	95
12) Fluorene	15.702	166	904	0.026	ng/ul#	91
15) Phenanthrene	17.438	178	18850	0.346	ng/ul	99
16) Anthracene	17.531	178	5525	0.106	ng/ul	96
19) Fluoranthene	19.445	202	60296	1.047	ng/ul	100
20) Pyrene	19.808	202	48914	0.840	ng/ul	98
21) Benzo(a)anthracene	21.550	228	29656	0.643	ng/ul	96
22) Chrysene	21.606	228	29762	0.663	ng/ul	97
24) Benzo(b)fluoranthene	23.266	252	46109	0.966	ng/ul	94
26) Benzo(a)pyrene	23.904	252	29155	0.700	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.569	276	22358	0.387	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.579	278	5561	0.124	ng/ul#	70
29) Benzo(g,h,i)perylene	27.360	276	22205	0.457	ng/ul	99

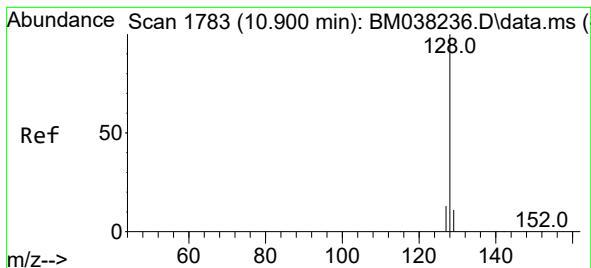
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 24 05:23:31 2022
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#5

Naphthalene

Concen: 0.123 ng/ul

RT: 10.895 min Scan# 1

Delta R.T. 0.000 min

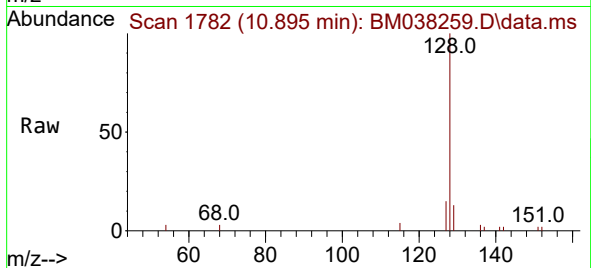
Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

Instrument :

BNA_M

ClientSampleId :



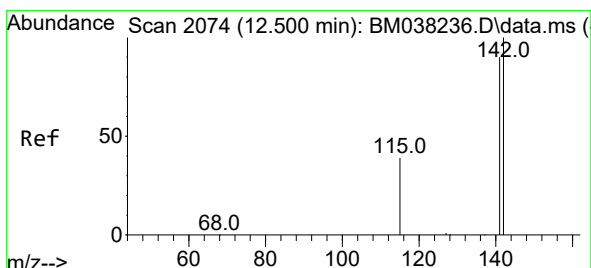
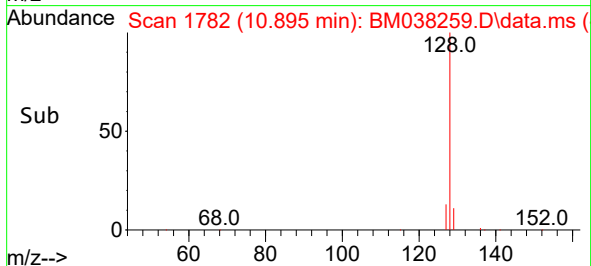
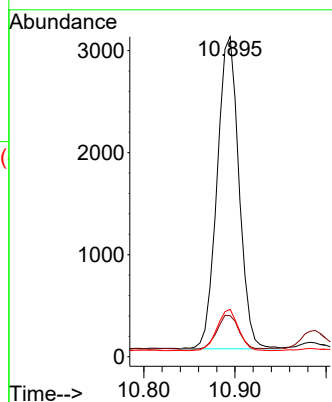
Tgt Ion:128 Resp: 5105

Ion Ratio Lower Upper

128 100

129 12.8 9.4 14.0

127 14.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.495 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BM038259.D

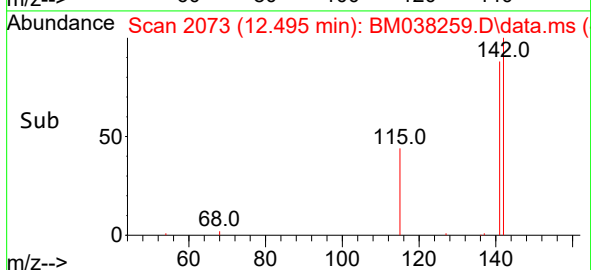
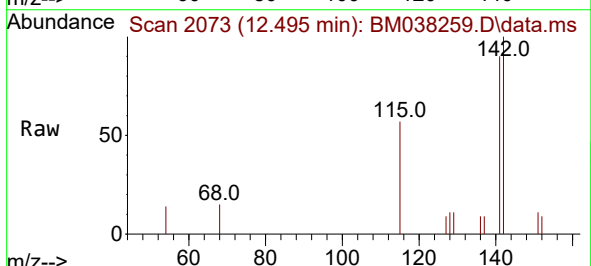
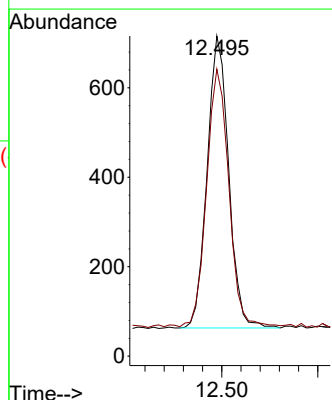
Acq: 24 Dec 2022 07:45

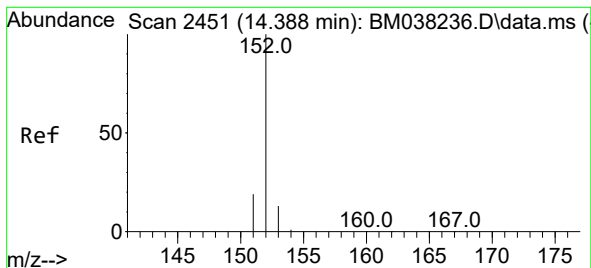
Tgt Ion:142 Resp: 1019

Ion Ratio Lower Upper

142 100

141 90.5 71.9 107.9





#10

Acenaphthylene

Concen: 0.154 ng/ul

RT: 14.379 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

Instrument :

BNA_M

ClientSampleId :

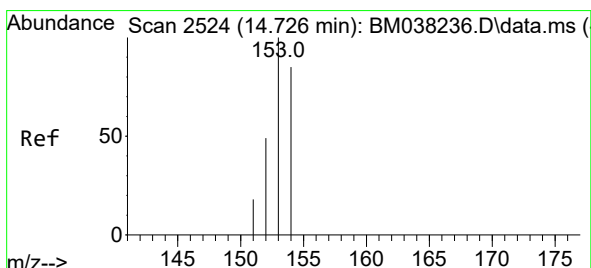
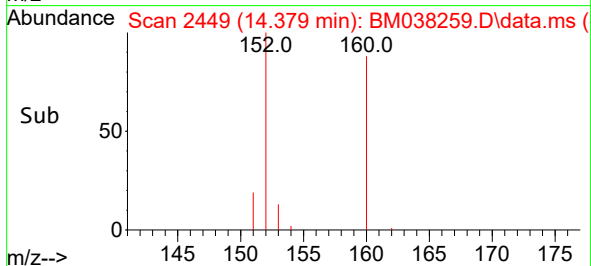
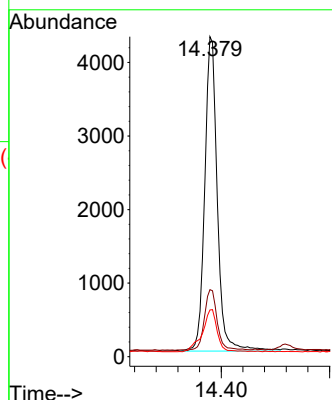
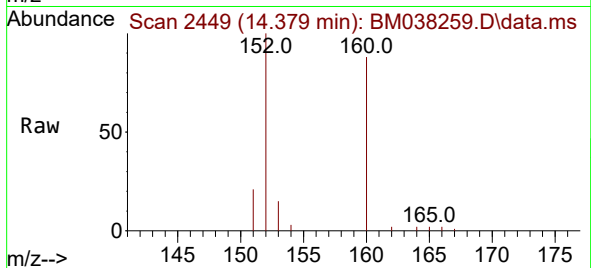
Tgt Ion:152 Resp: 6891

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 14.6 10.7 16.1



#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.722 min Scan# 2523

Delta R.T. 0.000 min

Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

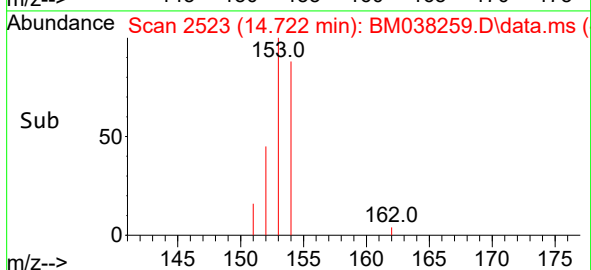
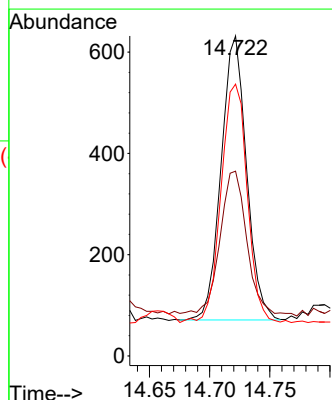
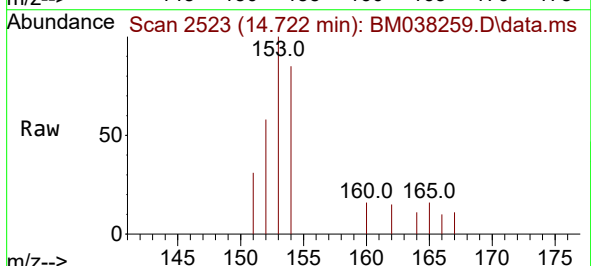
Tgt Ion:153 Resp: 824

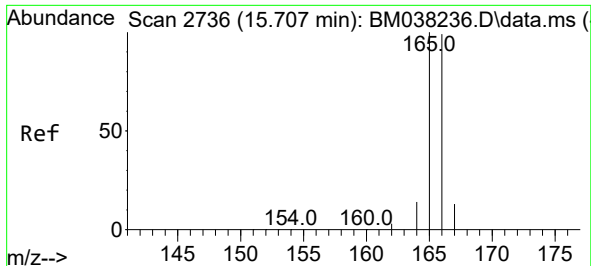
Ion Ratio Lower Upper

153 100

152 57.8 39.4 59.0

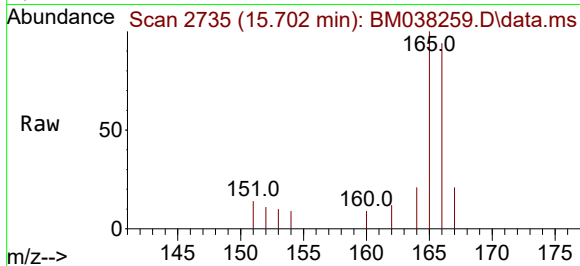
154 85.0 69.0 103.4



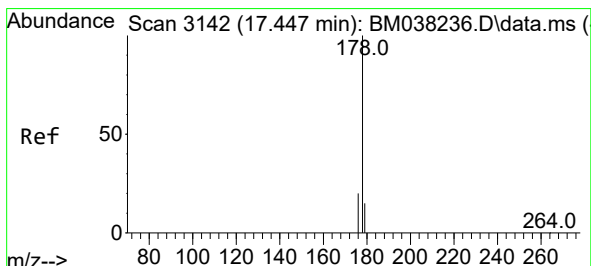
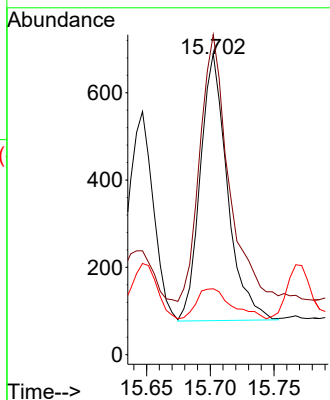
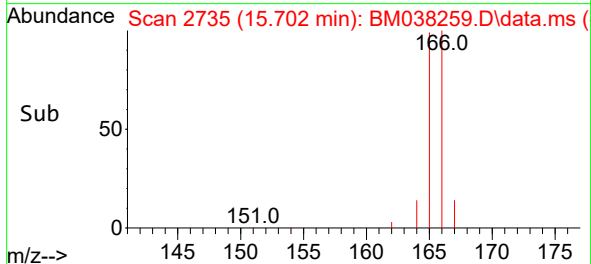


#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :
BNA_M
ClientSampleId :

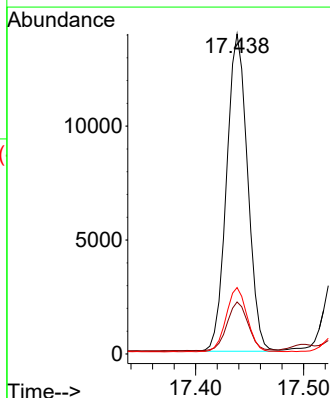
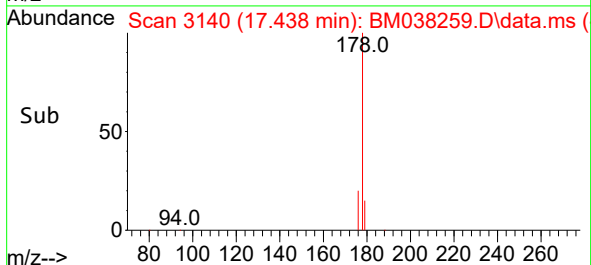
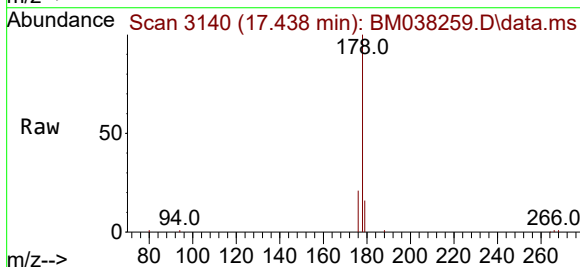


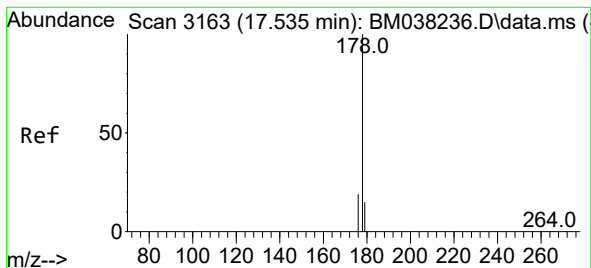
Tgt Ion:166 Resp: 904
Ion Ratio Lower Upper
166 100
165 106.2 79.0 118.6
167 21.9 11.0 16.6#



#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Tgt Ion:178 Resp: 18850
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.7 16.2 24.4





#16

Anthracene

Concen: 0.106 ng/ul

RT: 17.531 min Scan# 3163

Delta R.T. 0.000 min

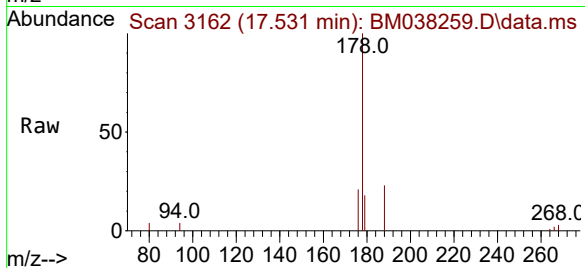
Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

Instrument :

BNA_M

ClientSampleId :



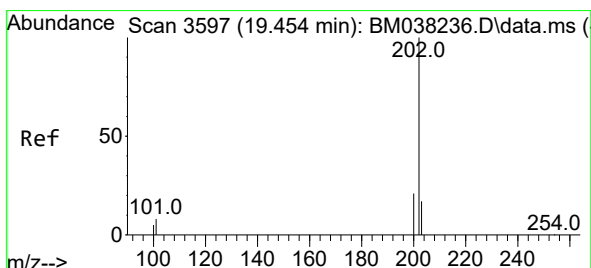
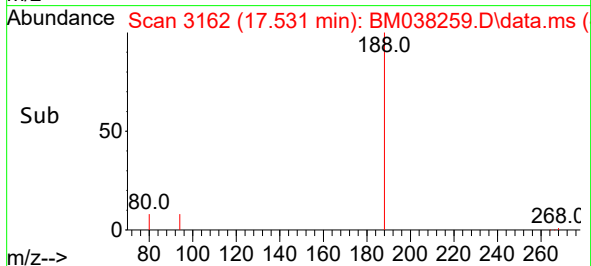
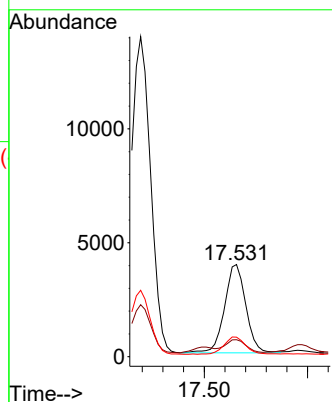
Tgt Ion:178 Resp: 5525

Ion Ratio Lower Upper

178 100

179 18.4 13.0 19.6

176 21.1 15.6 23.4



#19

Fluoranthene

Concen: 1.047 ng/ul

RT: 19.445 min Scan# 3595

Delta R.T. -0.005 min

Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

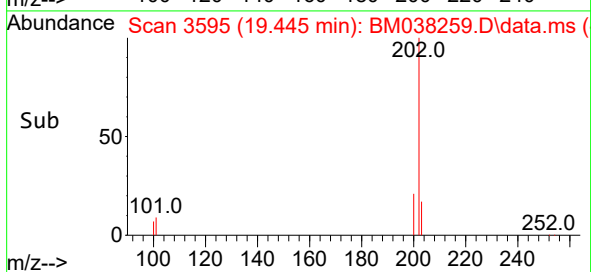
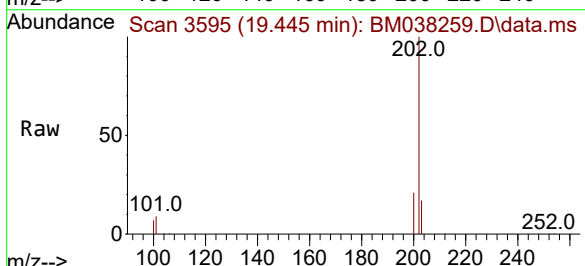
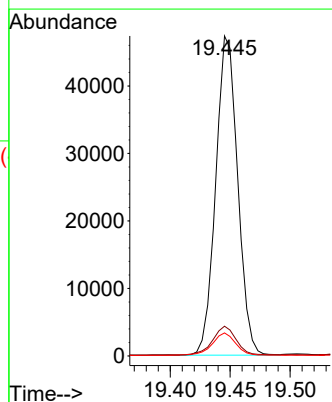
Tgt Ion:202 Resp: 60296

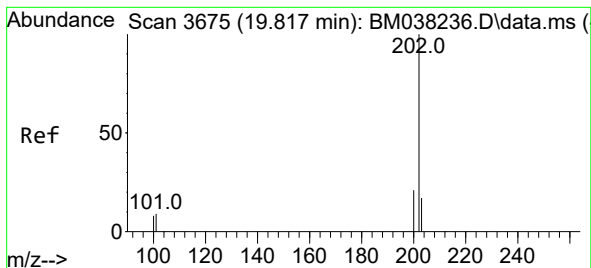
Ion Ratio Lower Upper

202 100

101 9.3 7.5 11.3

100 7.2 5.6 8.4





#20

Pyrene

Concen: 0.840 ng/ul

RT: 19.808 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

Instrument :

BNA_M

ClientSampleId :

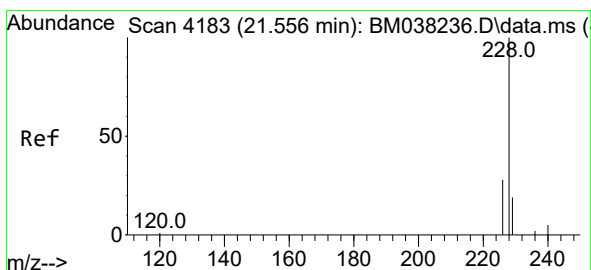
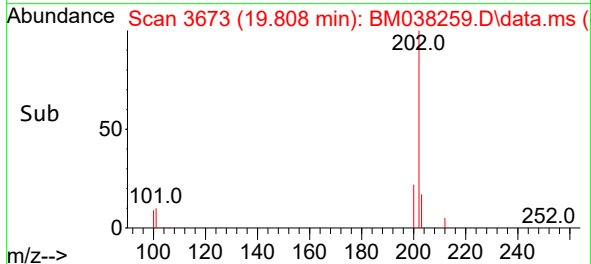
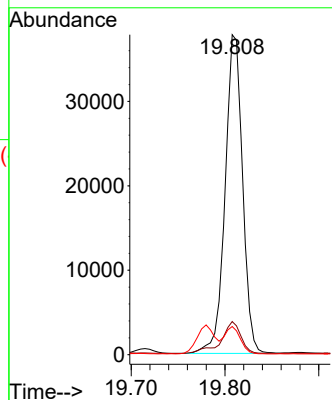
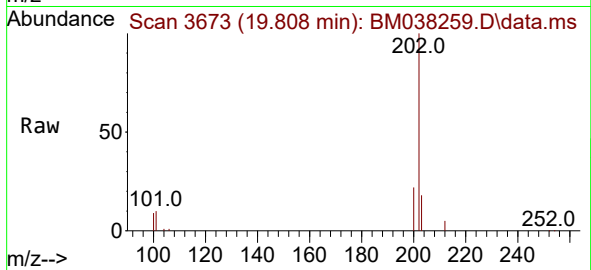
Tgt Ion:202 Resp: 48914

Ion Ratio Lower Upper

202 100

101 10.4 8.9 13.3

100 8.8 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.643 ng/ul

RT: 21.550 min Scan# 4181

Delta R.T. 0.000 min

Lab File: BM038259.D

Acq: 24 Dec 2022 07:45

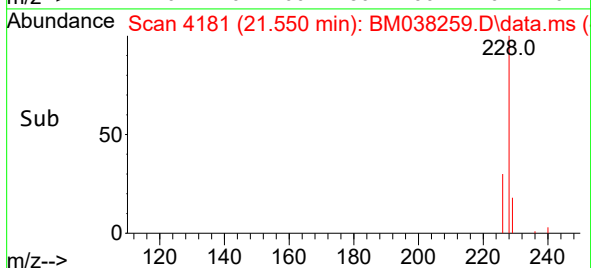
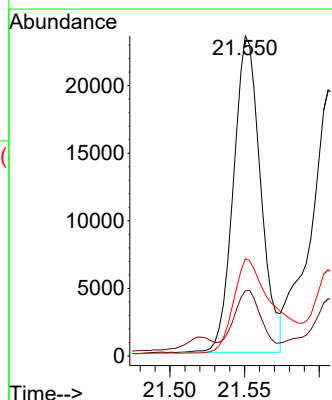
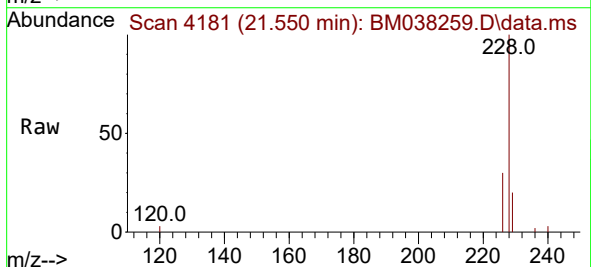
Tgt Ion:228 Resp: 29656

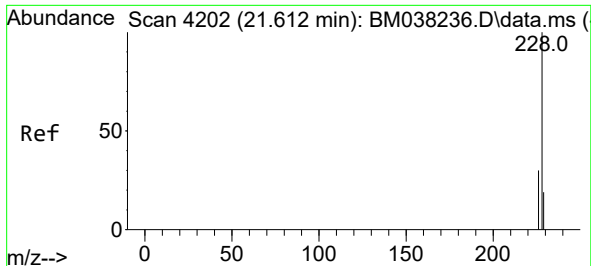
Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

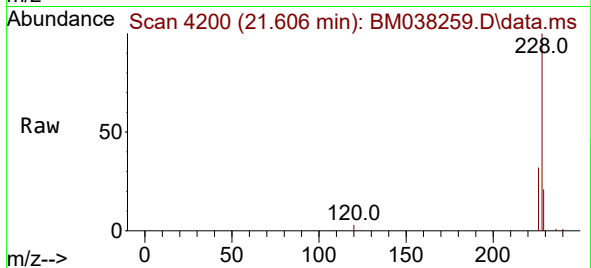
226 30.4 22.2 33.2



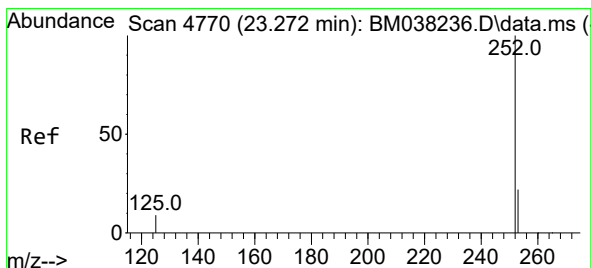
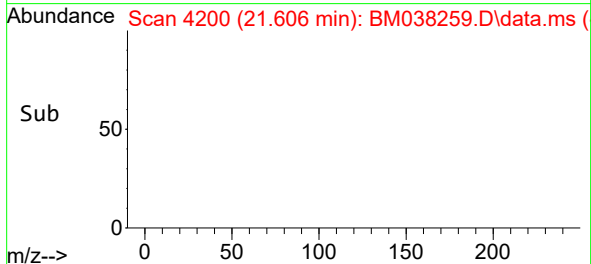
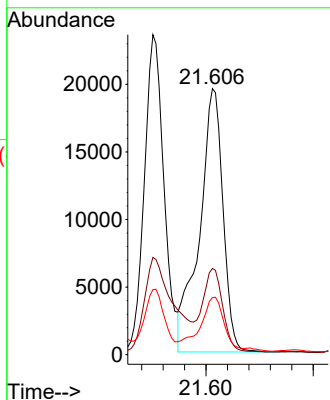


#22
Chrysene
Concen: 0.663 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :
BNA_M
ClientSampleId :

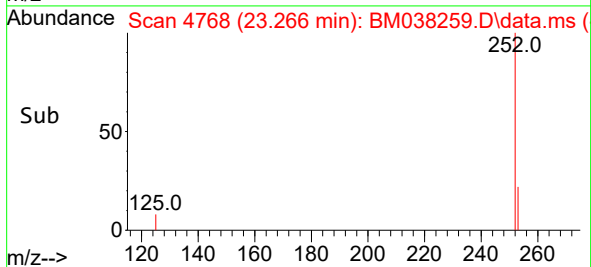
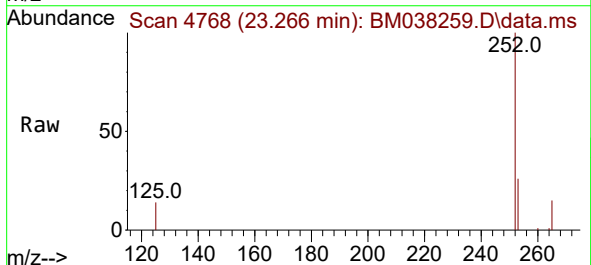
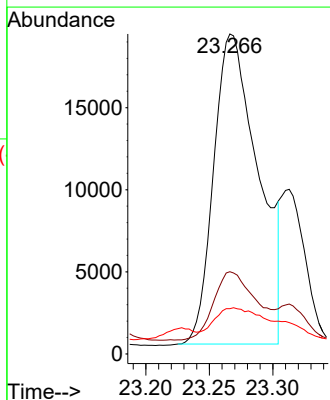


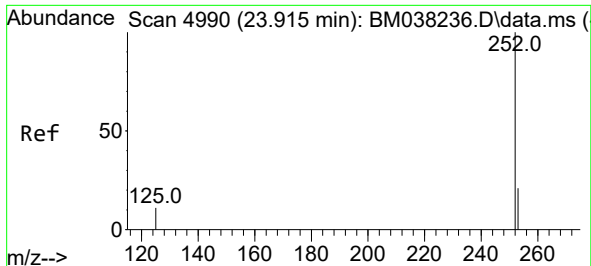
Tgt Ion:228 Resp: 29762
Ion Ratio Lower Upper
228 100
226 32.4 25.0 37.4
229 21.5 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.966 ng/u1
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

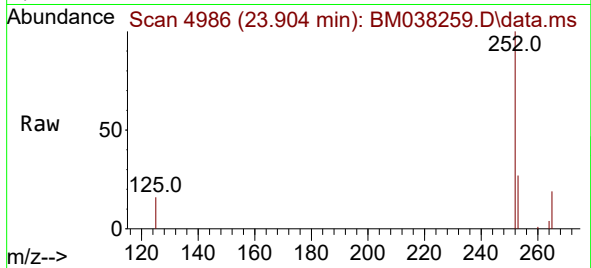
Tgt Ion:252 Resp: 46109
Ion Ratio Lower Upper
252 100
253 25.7 0.0 56.0
125 14.1 0.0 36.6



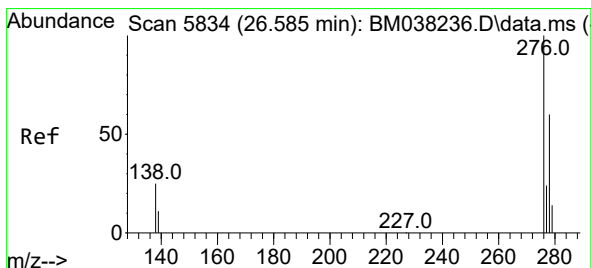
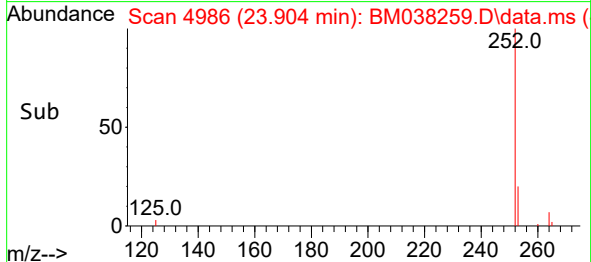
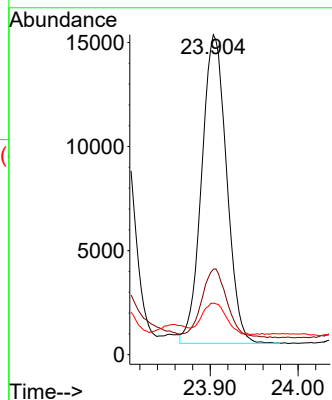


#26
Benzo(a)pyrene
Concen: 0.700 ng/ul
RT: 23.904 min Scan# 4990
Delta R.T. -0.003 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :
BNA_M
ClientSampleId :

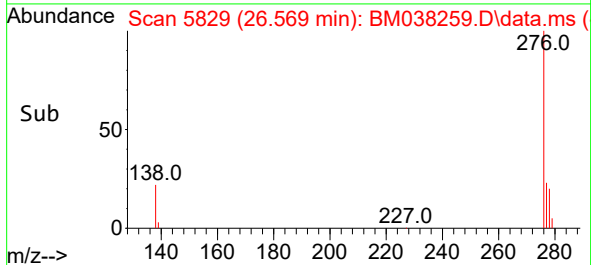
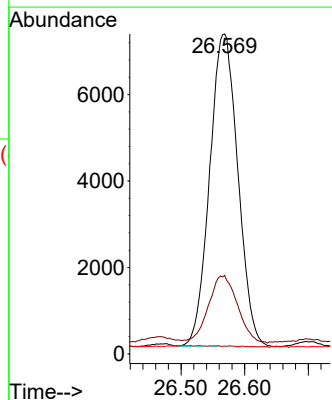
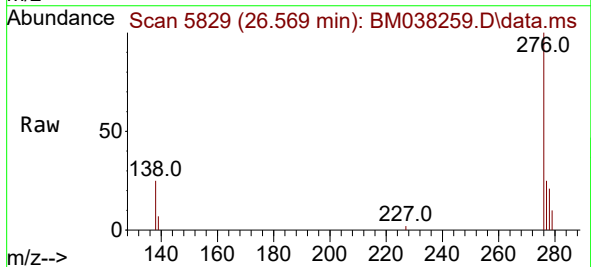


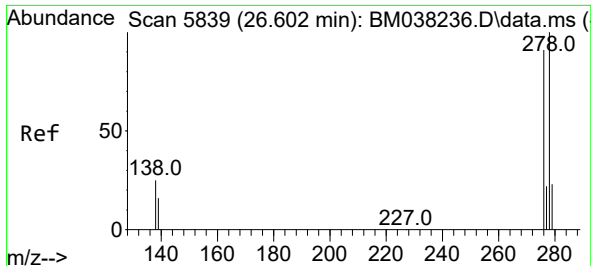
Tgt Ion:252 Resp: 29155
Ion Ratio Lower Upper
252 100
253 26.7 24.2 36.4
125 16.1 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Tgt Ion:276 Resp: 22358
Ion Ratio Lower Upper
276 100
138 22.2 21.7 32.5
227 0.1 0.0 0.0#

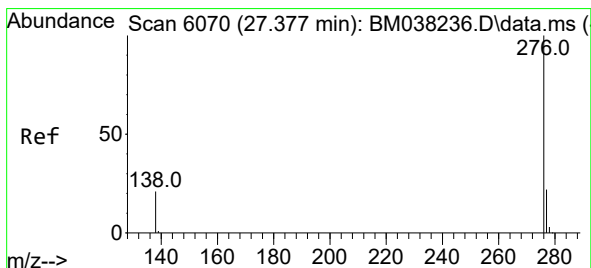
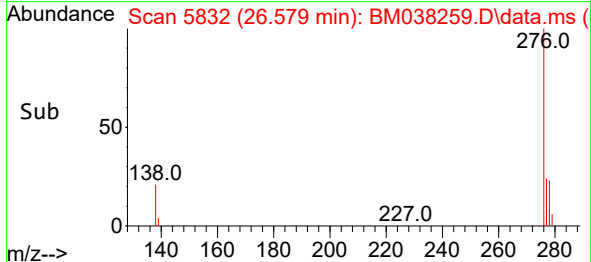
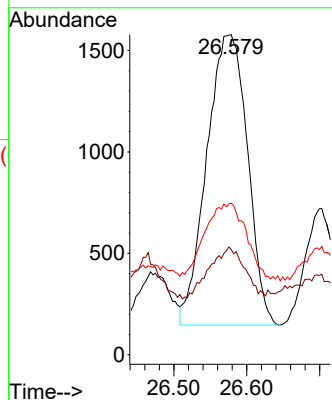
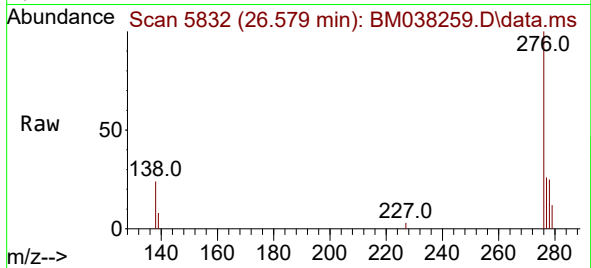




#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.579 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5561
Ion Ratio Lower Upper
278 100
139 32.9 16.8 25.2#
279 47.3 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Tgt Ion:276 Resp: 22205
Ion Ratio Lower Upper
276 100
138 25.3 20.8 31.2
277 25.7 20.5 30.7

