

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038191.D
 Acq On : 22 Dec 2022 10:35
 Operator : CG/JU
 Sample : SST0.211
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2023

Quant Time: Dec 22 23:18:59 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 : Thu Dec 22 23:18:00 2022
 Response via : Initial Calibration

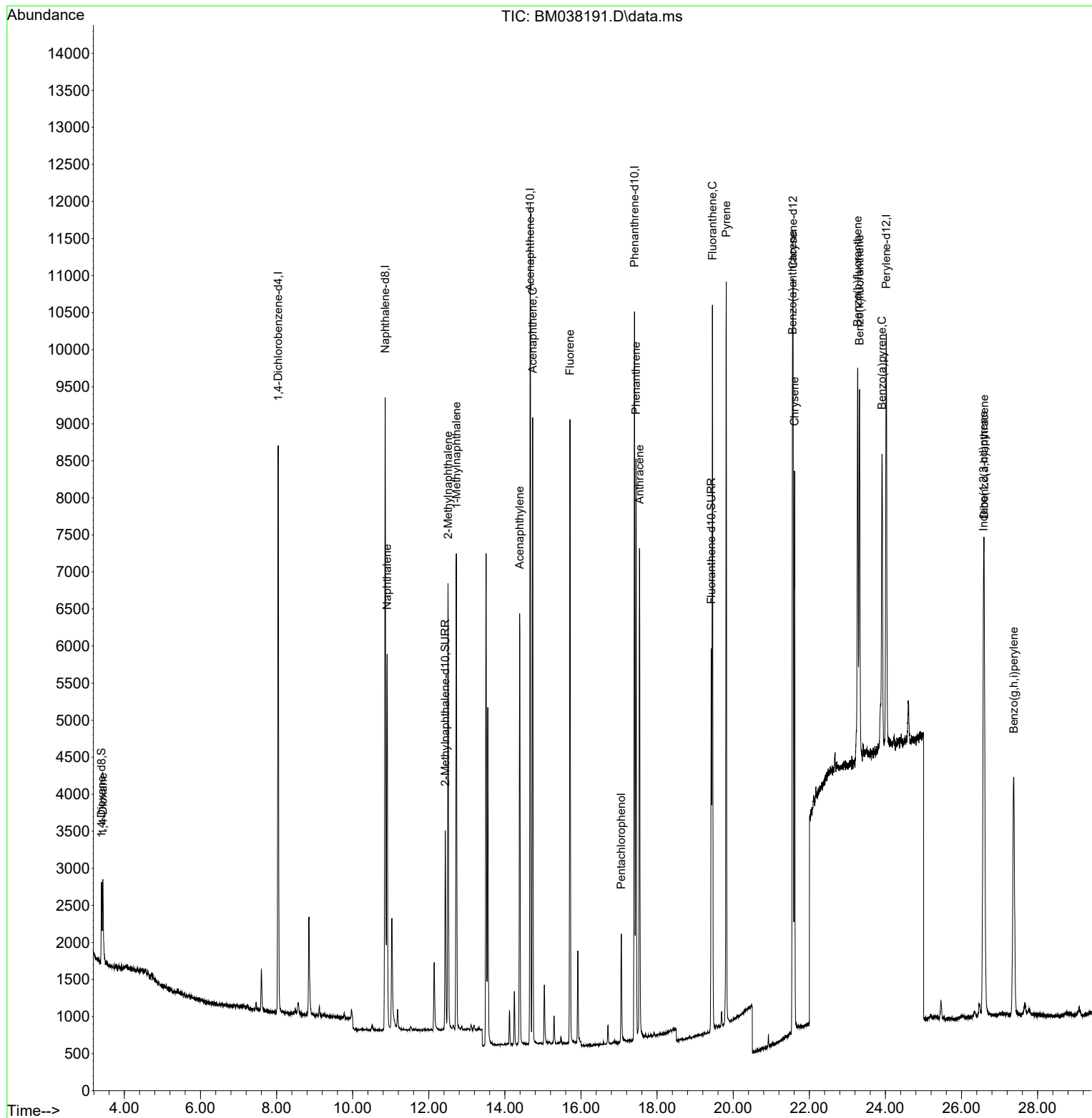
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	5980	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	11516	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7676	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	7830	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	824	0.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	3439	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	5701	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	836	0.170	ng/ul#	81
5) Naphthalene	10.906	128	6882	0.196	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	4245	0.197	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	4352	0.197	ng/ul	100
10) Acenaphthylene	14.389	152	6632	0.212	ng/ul	99
11) Acenaphthene	14.731	153	4775	0.201	ng/ul	99
12) Fluorene	15.712	166	5130	0.195	ng/ul	98
14) Pentachlorophenol	17.058	266	1060	0.222	ng/ul	99
15) Phenanthrene	17.447	178	7776	0.201	ng/ul	99
16) Anthracene	17.540	178	7373	0.206	ng/ul	99
19) Fluoranthene	19.455	202	8243	0.208	ng/ul	98
20) Pyrene	19.817	202	8401	0.208	ng/ul	99
21) Benzo(a)anthracene	21.556	228	6773	0.204	ng/ul	98
22) Chrysene	21.612	228	6541	0.196	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	7019	0.189	ng/ul	87
25) Benzo(k)fluoranthene	23.319	252	6723	0.188	ng/ul#	85
26) Benzo(a)pyrene	23.909	252	6082	0.194	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.579	276	8497	0.216	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	6580	0.215	ng/ul#	90
29) Benzo(g,h,i)perylene	27.374	276	7163	0.215	ng/ul	97

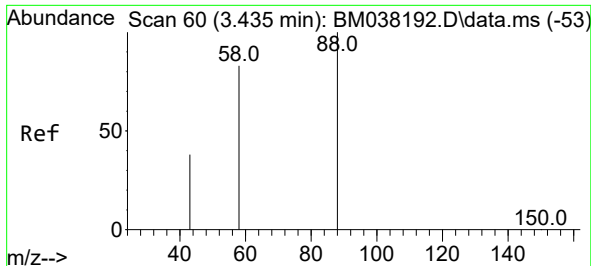
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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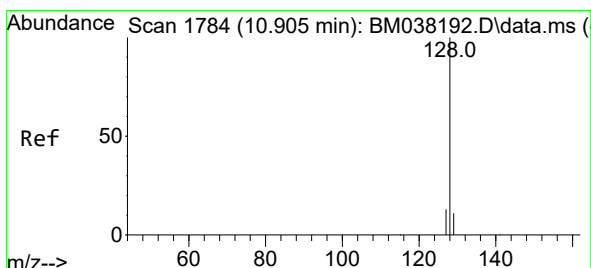
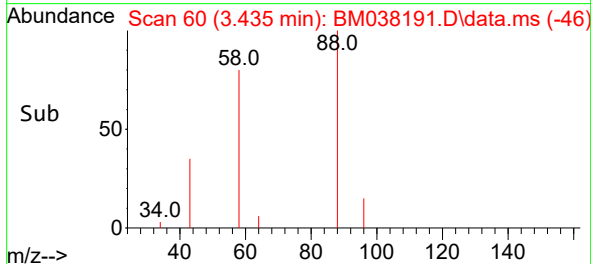
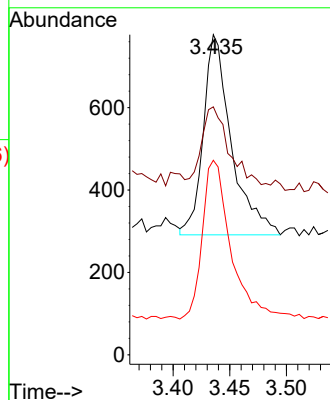
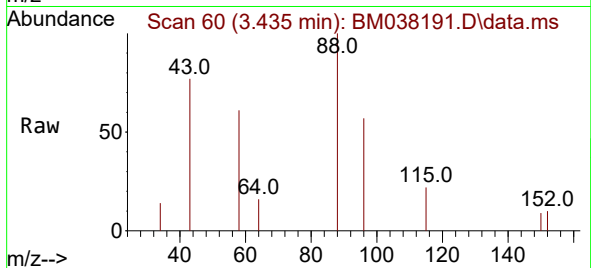




#2
1,4-Dioxane
Concen: 0.170 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

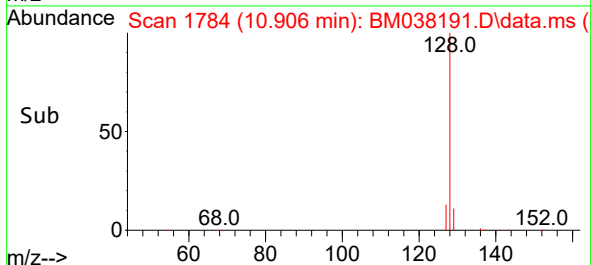
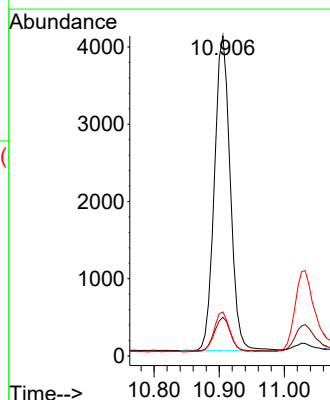
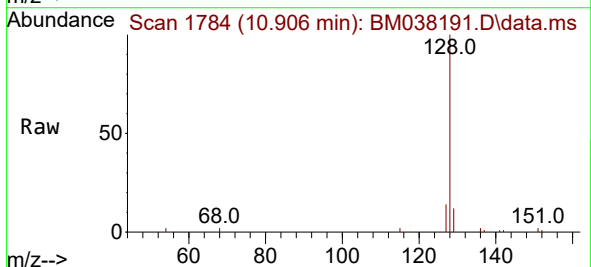
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

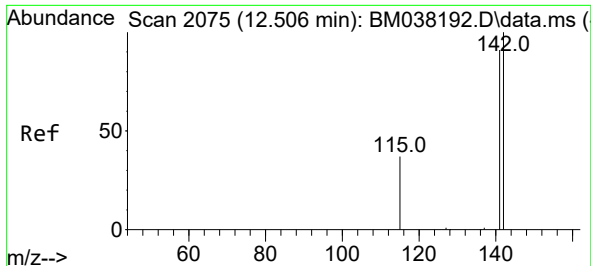
Tgt Ion: 88 Resp: 836
Ion Ratio Lower Upper
88 100
43 77.5 46.4 69.6#
58 60.7 56.9 85.3



#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion: 128 Resp: 6882
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.8 10.7 16.1

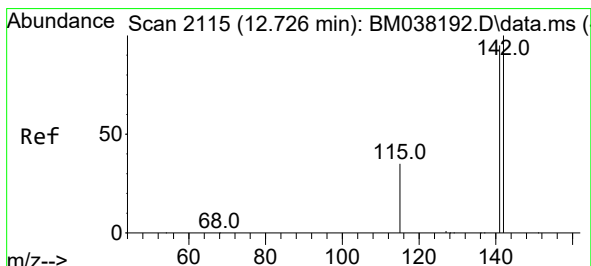
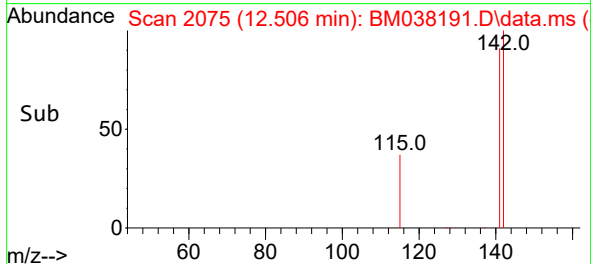
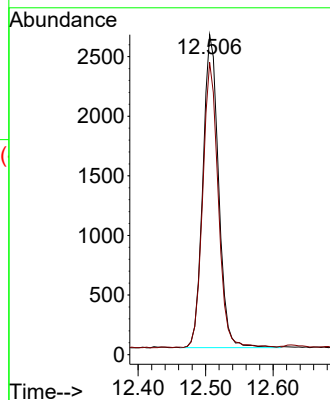
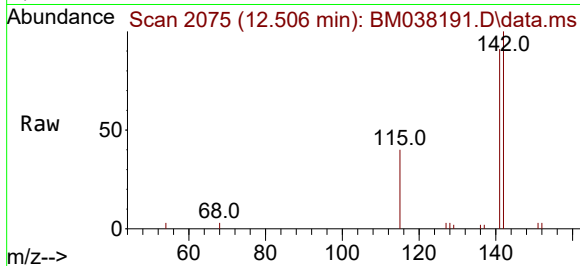




#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

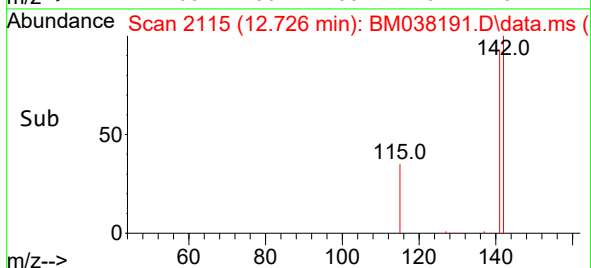
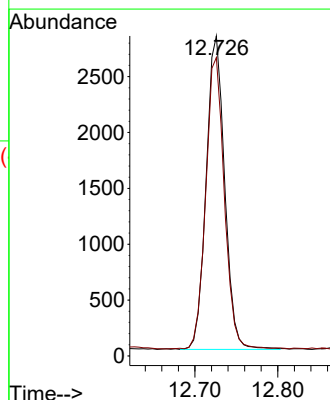
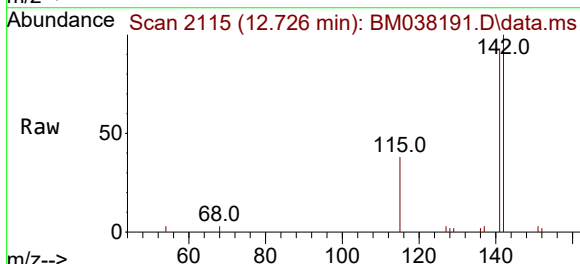
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

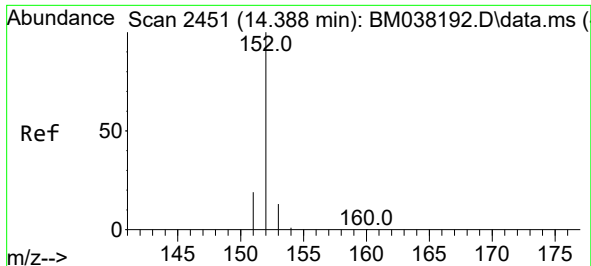
Tgt Ion:142 Resp: 4245
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:142 Resp: 4352
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1

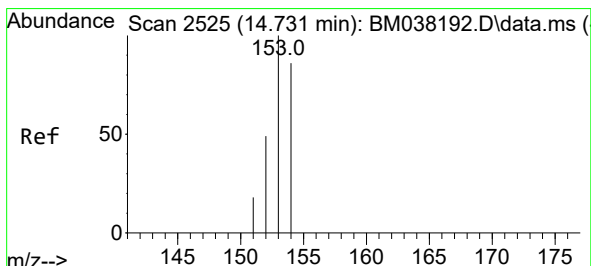
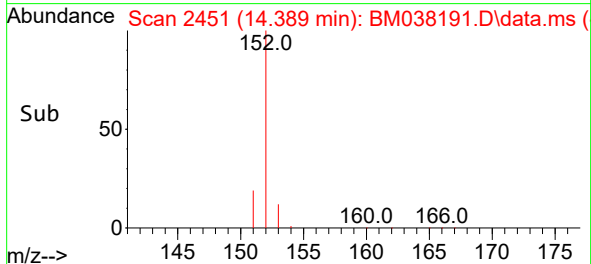
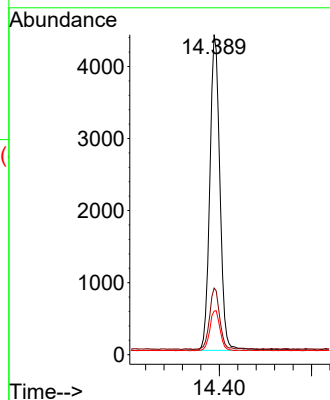
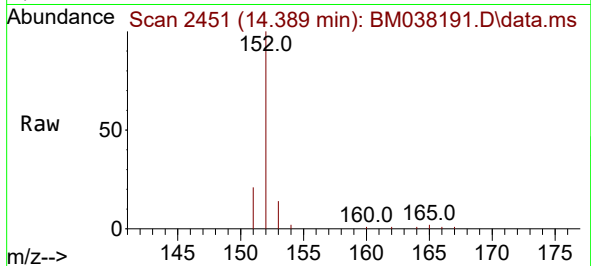




#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

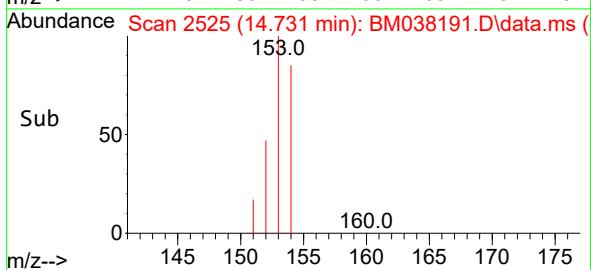
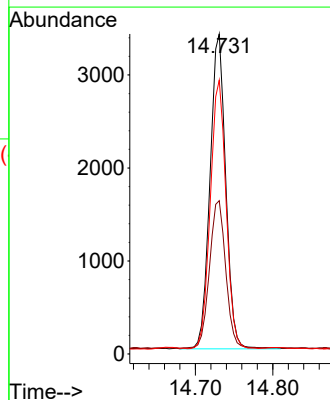
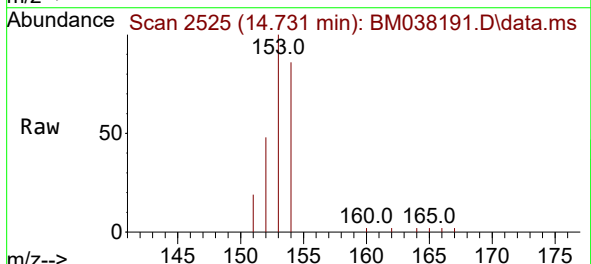
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ClientSampleId :
SSTD0.2023

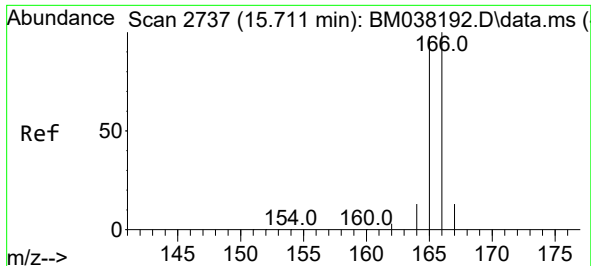
Tgt Ion:152 Resp: 6632
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:153 Resp: 4775
Ion Ratio Lower Upper
153 100
152 47.9 39.4 59.0
154 85.6 69.0 103.4

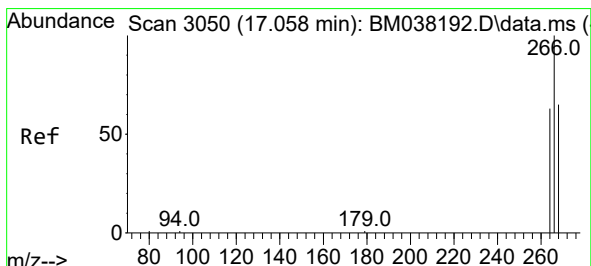
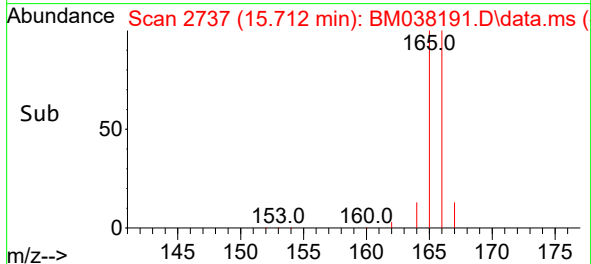
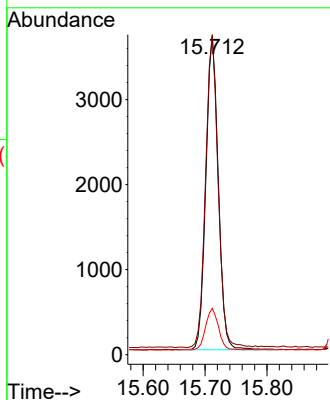
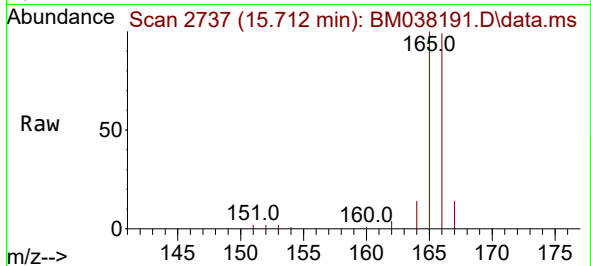




#12
Fluorene
Concen: 0.195 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

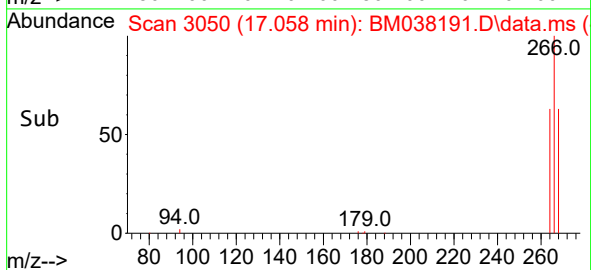
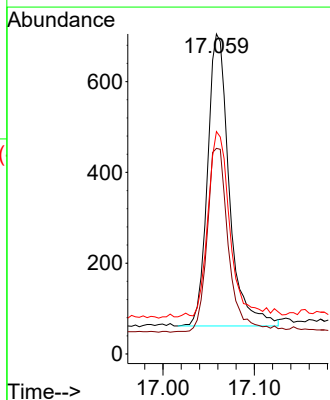
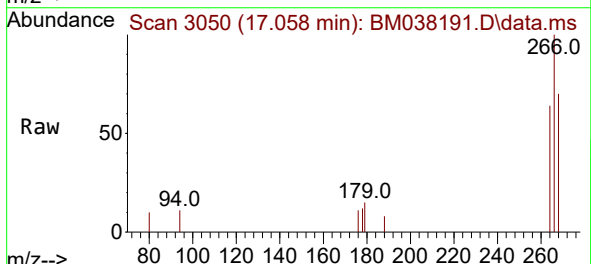
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

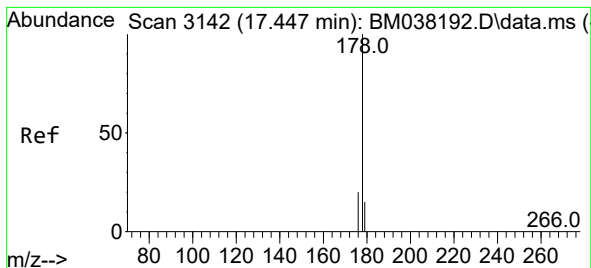
Tgt Ion:166 Resp: 5130
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 14.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.222 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:266 Resp: 1060
Ion Ratio Lower Upper
266 100
264 63.3 49.9 74.9
268 64.6 51.2 76.8





#15

Phenanthrene

Concen: 0.201 ng/ul

RT: 17.447 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM038191.D

Acq: 22 Dec 2022 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.2023

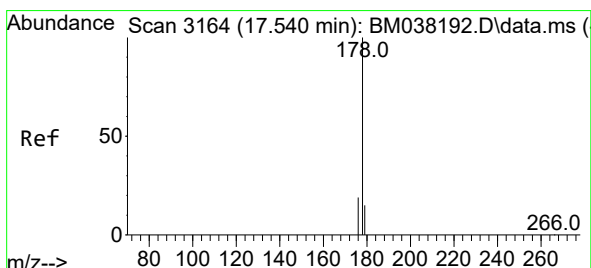
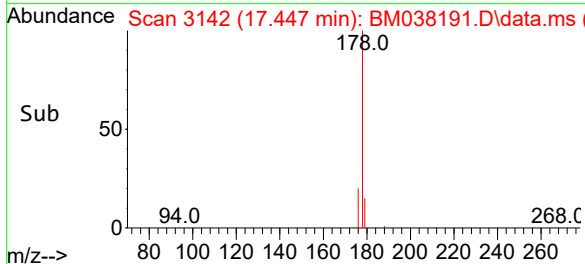
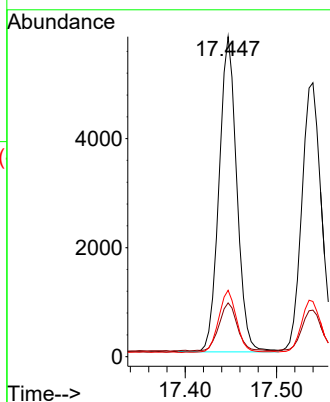
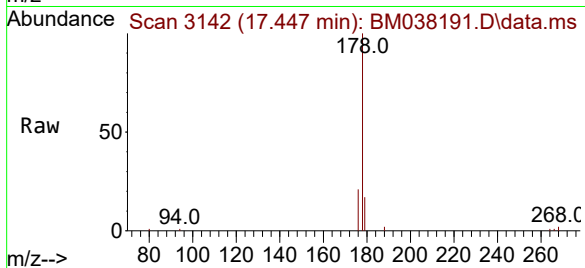
Tgt Ion:178 Resp: 7776

Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

176 20.7 16.2 24.4



#16

Anthracene

Concen: 0.206 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BM038191.D

Acq: 22 Dec 2022 10:35

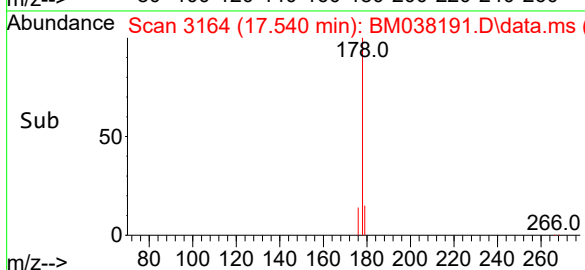
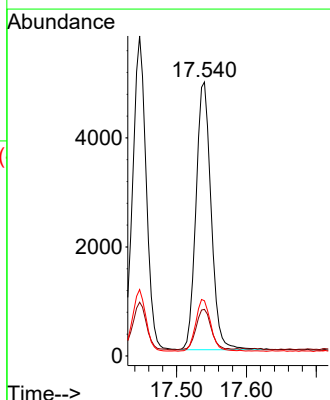
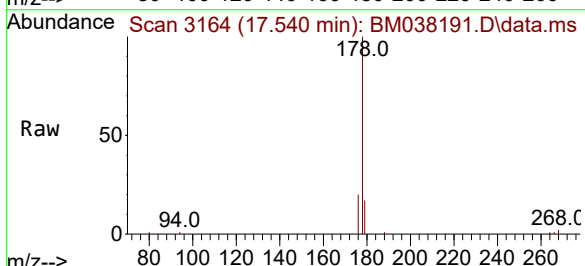
Tgt Ion:178 Resp: 7373

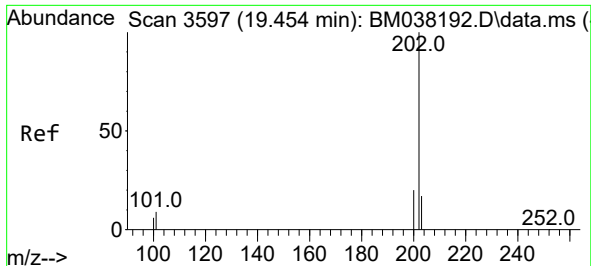
Ion Ratio Lower Upper

178 100

179 17.0 13.0 19.6

176 20.1 15.6 23.4

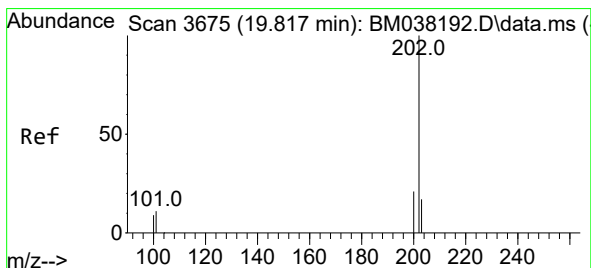
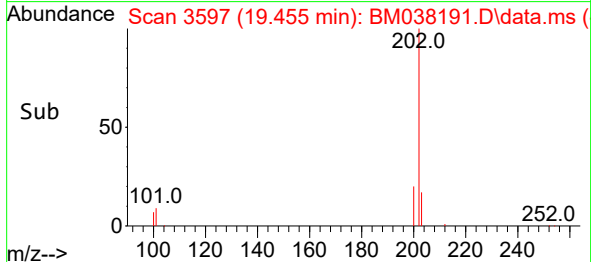
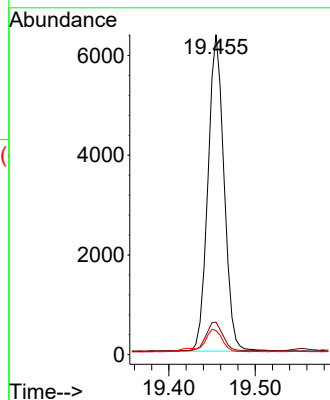
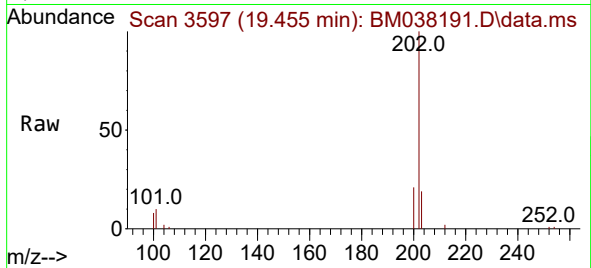




#19
Fluoranthene
Concen: 0.208 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

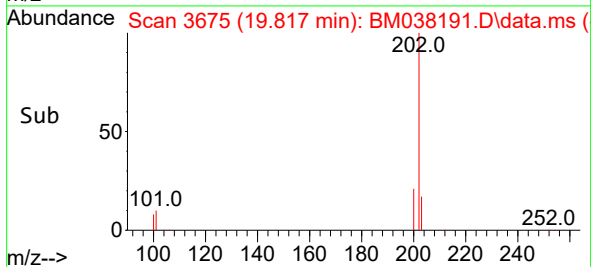
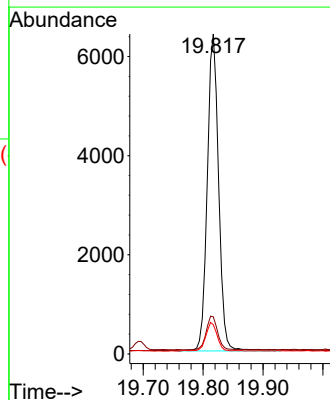
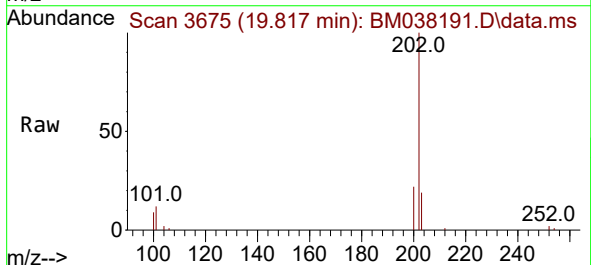
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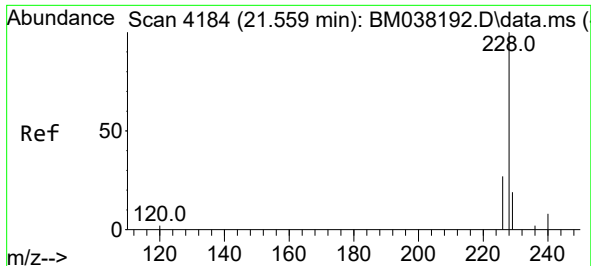
Tgt Ion:202 Resp: 8243
Ion Ratio Lower Upper
202 100
101 10.2 7.5 11.3
100 7.5 5.6 8.4



#20
Pyrene
Concen: 0.208 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:202 Resp: 8401
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 9.2 7.4 11.0

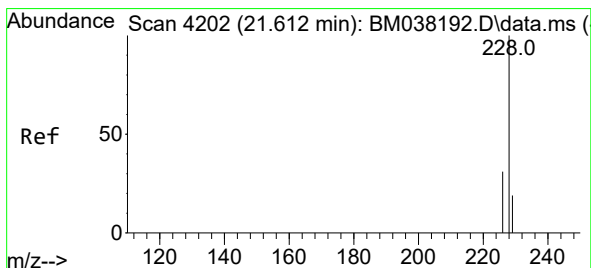
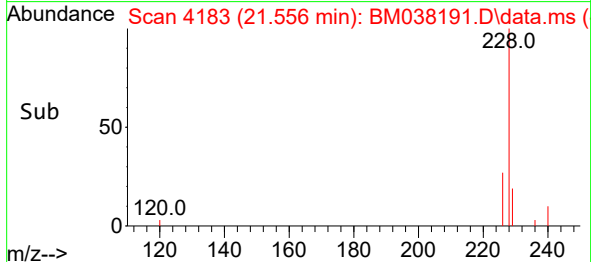
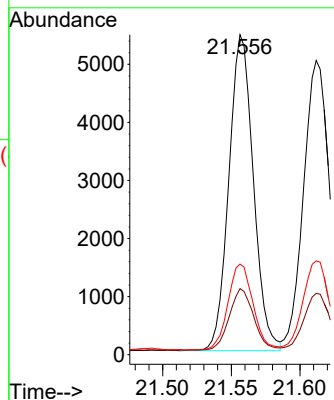
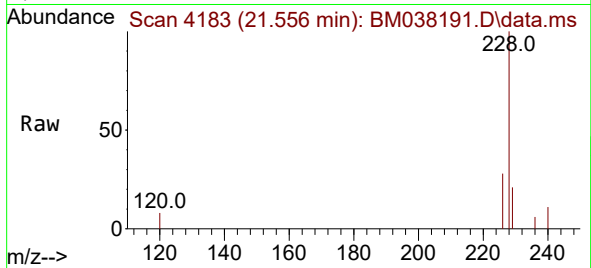




#21
Benzo(a)anthracene
Concen: 0.204 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

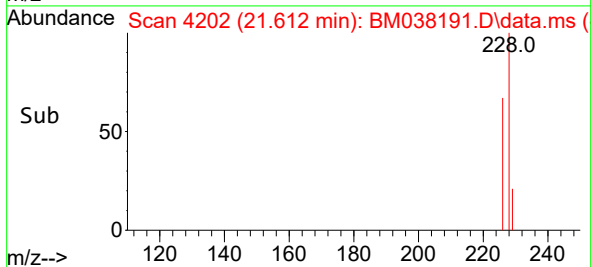
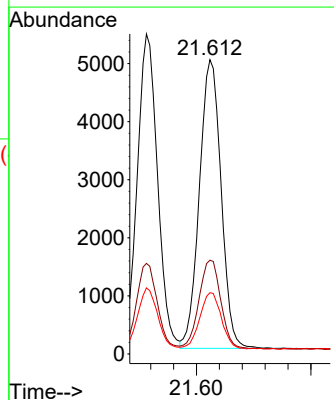
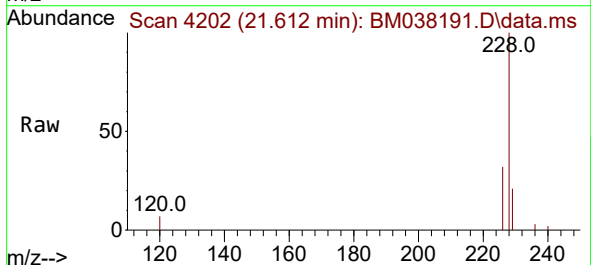
Instrument :
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ClientSampleId :
SSTD0.2023

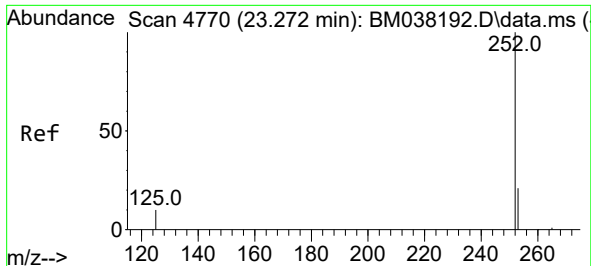
Tgt Ion:228 Resp: 6773
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 28.3 22.2 33.2



#22
Chrysene
Concen: 0.196 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:228 Resp: 6541
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 20.8 16.0 24.0

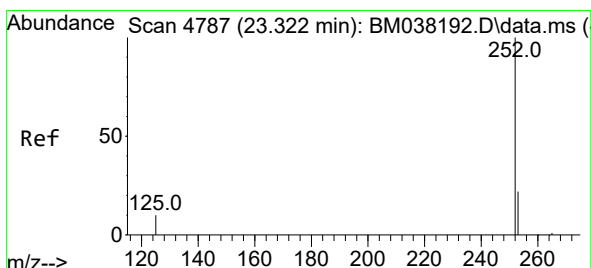
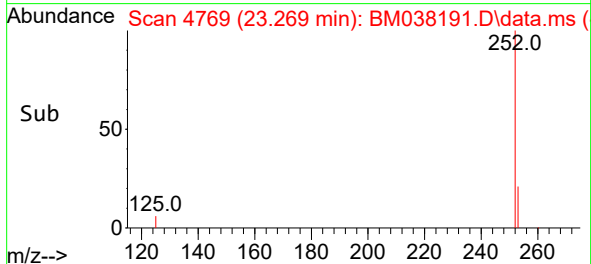
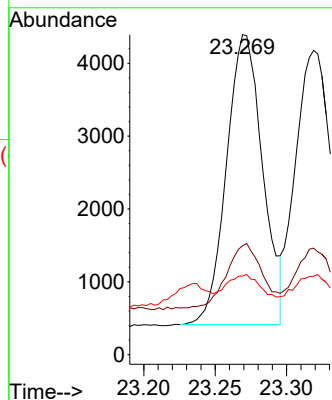
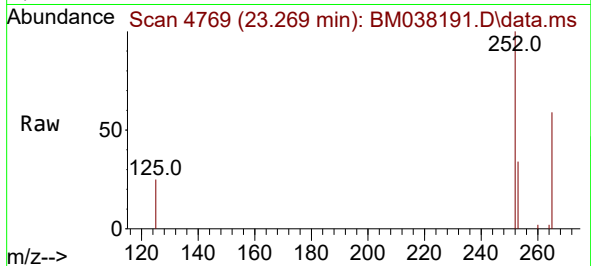




#24
Benzo(b)fluoranthene
Concen: 0.189 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

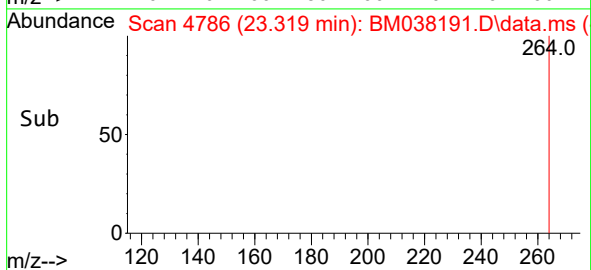
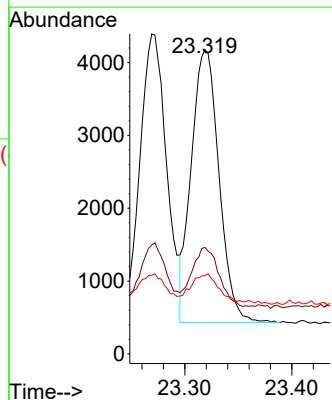
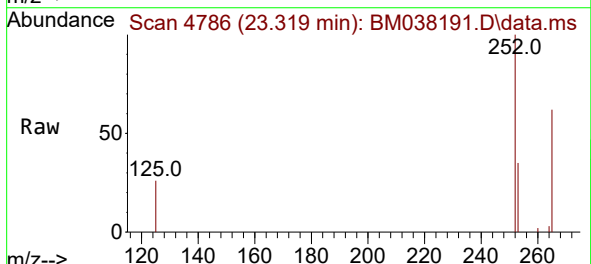
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

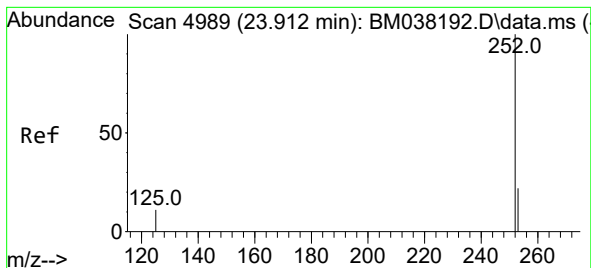
Tgt Ion:252 Resp: 7019
Ion Ratio Lower Upper
252 100
253 34.1 0.0 56.0
125 24.6 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.188 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:252 Resp: 6723
Ion Ratio Lower Upper
252 100
253 35.0 22.5 33.7#
125 25.7 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.194 ng/ul

RT: 23.909 min Scan# 4989

Delta R.T. -0.003 min

Lab File: BM038191.D

Acq: 22 Dec 2022 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.2023

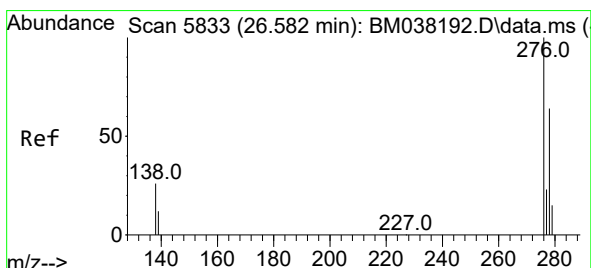
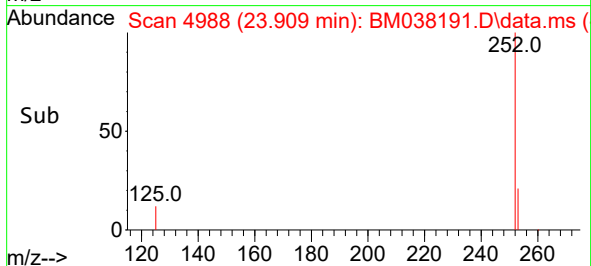
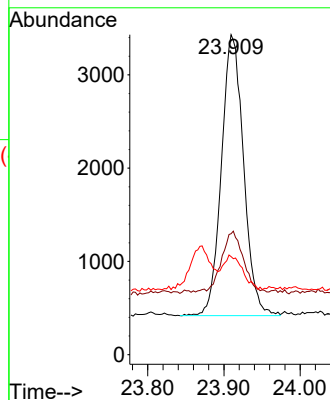
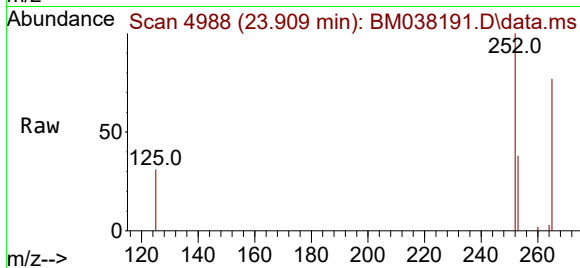
Tgt Ion:252 Resp: 6082

Ion Ratio Lower Upper

252 100

253 37.8 24.2 36.4#

125 30.7 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.216 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038191.D

Acq: 22 Dec 2022 10:35

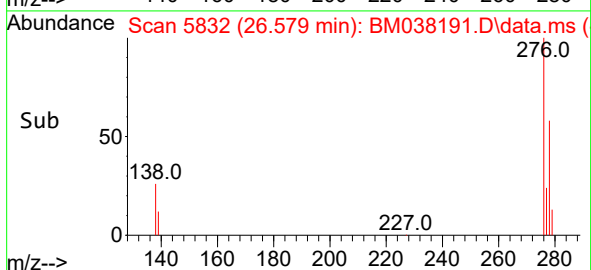
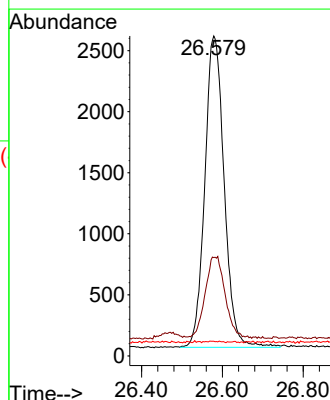
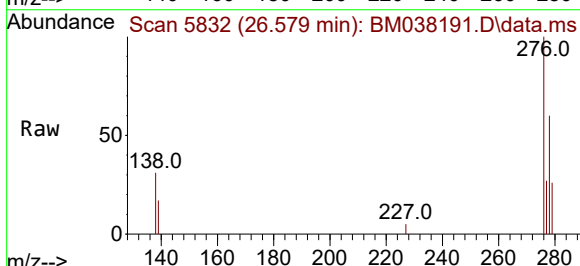
Tgt Ion:276 Resp: 8497

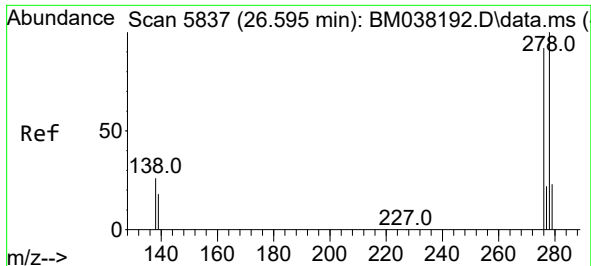
Ion Ratio Lower Upper

276 100

138 27.2 21.7 32.5

227 0.0 0.0 0.0

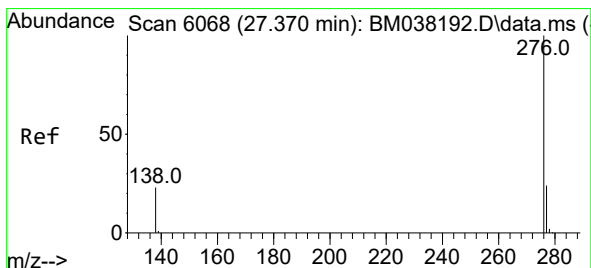
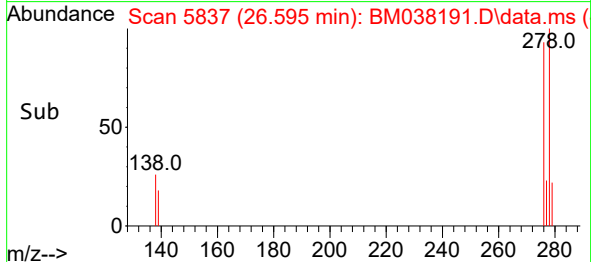
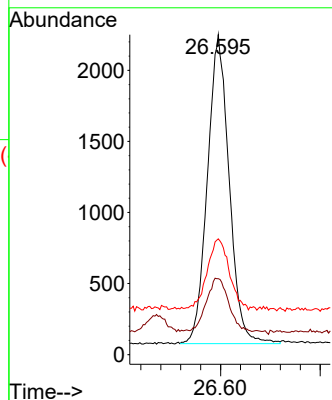
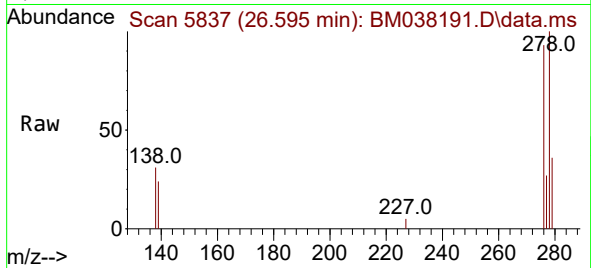




#28
Dibenzo(a,h)anthracene
Concen: 0.215 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:278 Resp: 6580
Ion Ratio Lower Upper
278 100
139 23.7 16.8 25.2
279 36.2 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 27.374 min Scan# 6069
Delta R.T. 0.004 min
Lab File: BM038191.D
Acq: 22 Dec 2022 10:35

Tgt Ion:276 Resp: 7163
Ion Ratio Lower Upper
276 100
138 28.1 20.8 31.2
277 26.8 20.5 30.7

