

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038190.D
 Acq On : 22 Dec 2022 09:59
 Operator : CG/JU
 Sample : SST0.110
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Quant Time: Dec 22 23:18:47 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

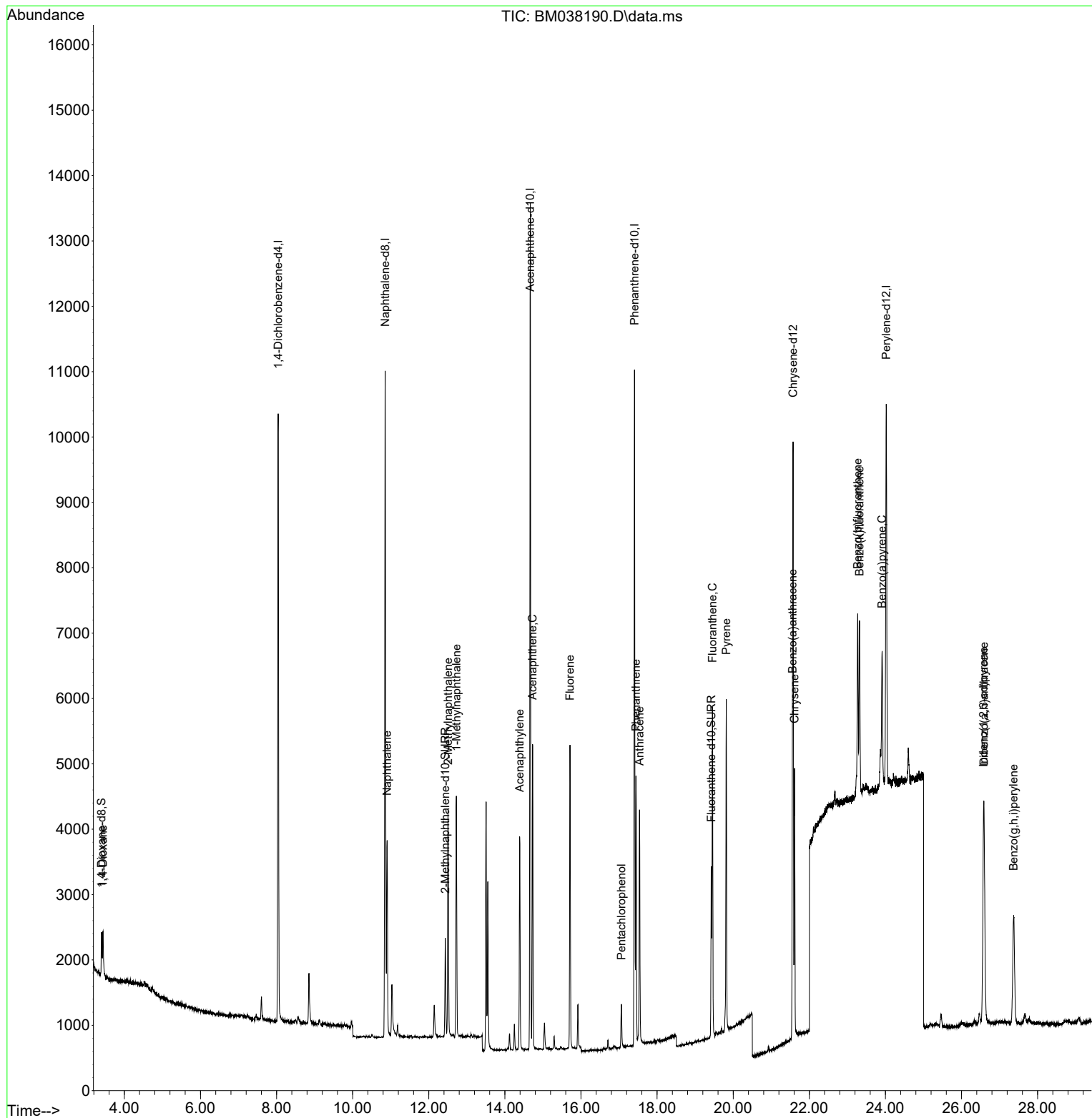
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6851	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12352	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7661	0.400	ng/ul	0.00
23) Perylene-d12	24.021	264	7940	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	569	0.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2018	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	2876	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	504	0.083	ng/ul#	73
5) Naphthalene	10.906	128	4087	0.096	ng/ul	97
7) 2-Methylnaphthalene	12.506	142	2496	0.096	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	2555	0.096	ng/ul	98
10) Acenaphthylene	14.389	152	3790	0.106	ng/ul	96
11) Acenaphthene	14.726	153	2678	0.098	ng/ul	97
12) Fluorene	15.712	166	2924	0.097	ng/ul	97
14) Pentachlorophenol	17.063	266	518	0.101	ng/ul	99
15) Phenanthrene	17.447	178	4200	0.101	ng/ul	95
16) Anthracene	17.540	178	3924	0.102	ng/ul	96
19) Fluoranthene	19.455	202	4264	0.108	ng/ul#	94
20) Pyrene	19.817	202	4383	0.109	ng/ul	96
21) Benzo(a)anthracene	21.556	228	3496	0.106	ng/ul	96
22) Chrysene	21.612	228	3482	0.104	ng/ul	96
24) Benzo(b)fluoranthene	23.272	252	3789	0.101	ng/ul#	65
25) Benzo(k)fluoranthene	23.319	252	3499	0.096	ng/ul#	64
26) Benzo(a)pyrene	23.909	252	3240	0.102	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.579	276	4544	0.114	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.592	278	3494	0.113	ng/ul#	71
29) Benzo(g,h,i)perylene	27.370	276	3815	0.113	ng/ul#	85

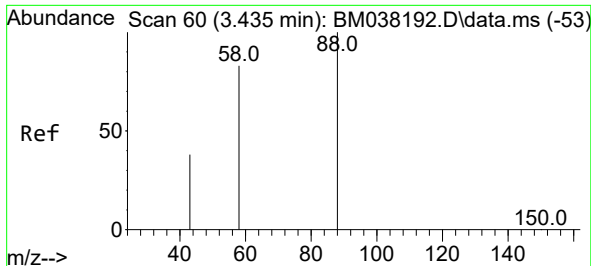
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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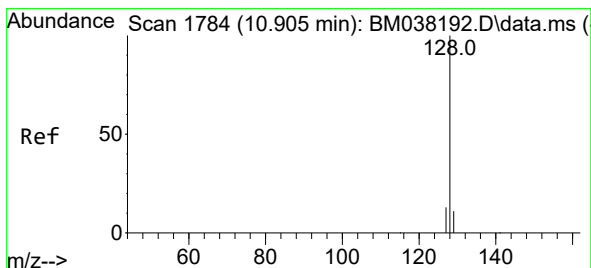
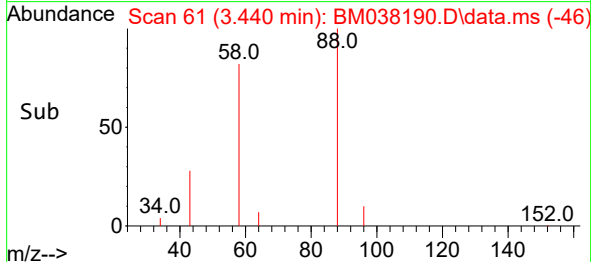
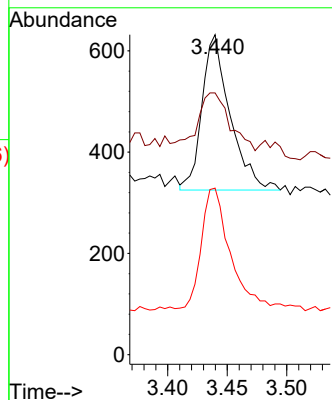
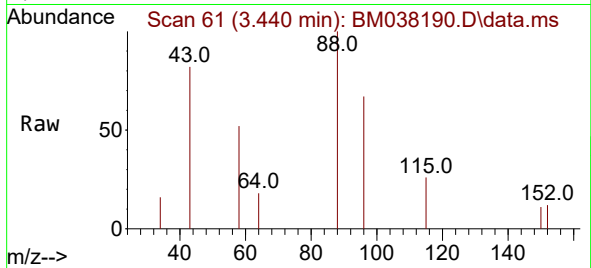




#2
1,4-Dioxane
Concen: 0.083 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

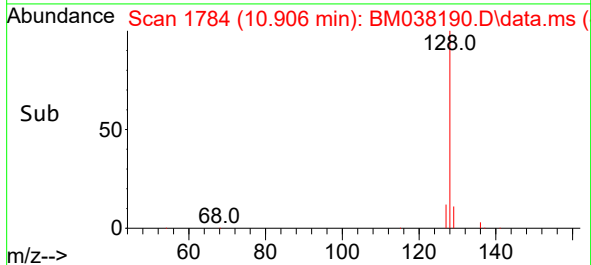
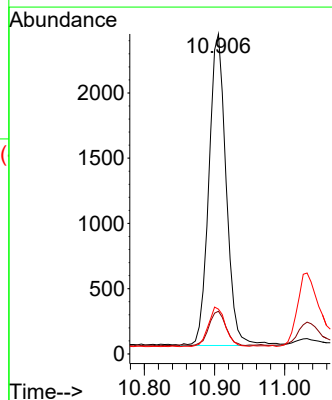
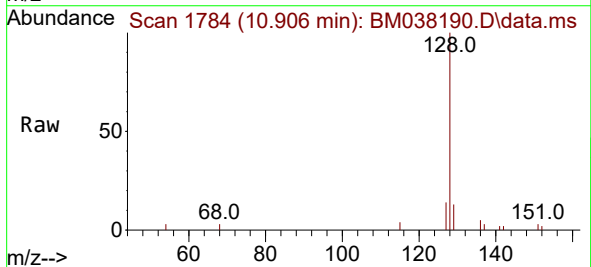
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

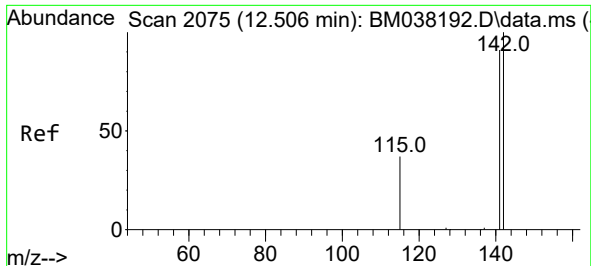
Tgt Ion: 88 Resp: 504
Ion Ratio Lower Upper
88 100
43 81.8 46.4 69.6#
58 52.1 56.9 85.3#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion: 128 Resp: 4087
Ion Ratio Lower Upper
128 100
129 13.3 9.4 14.0
127 14.0 10.7 16.1

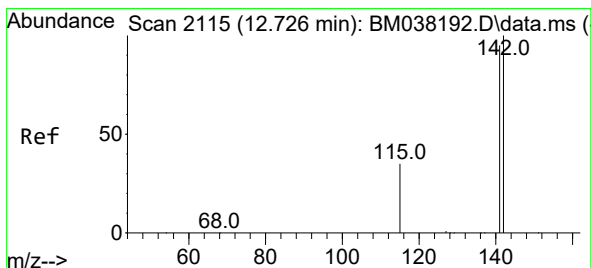
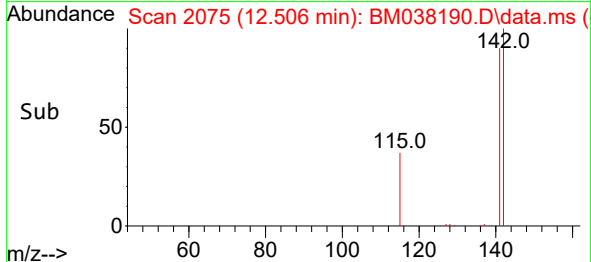
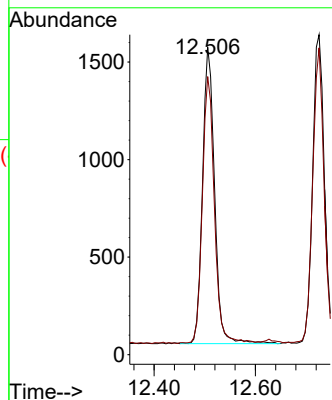
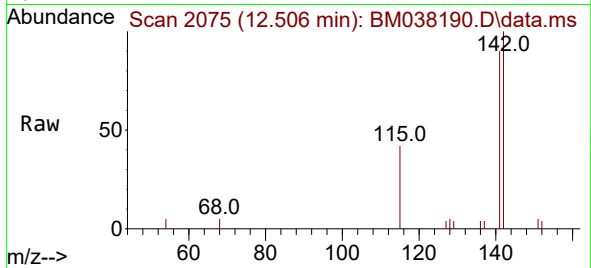




#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

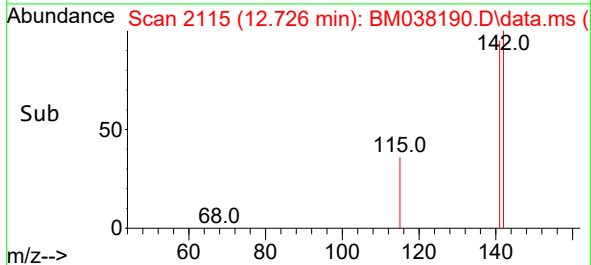
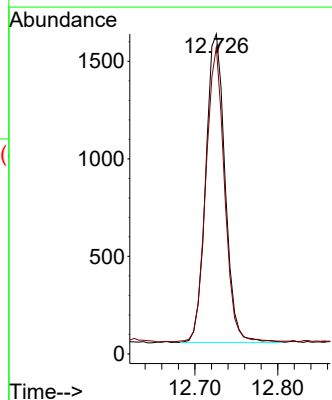
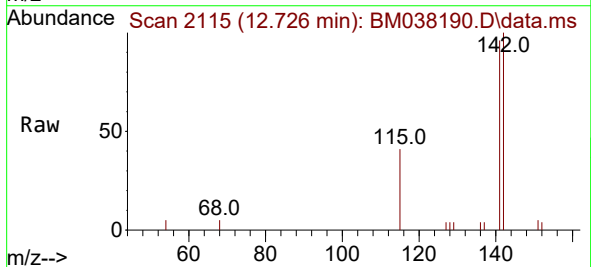
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

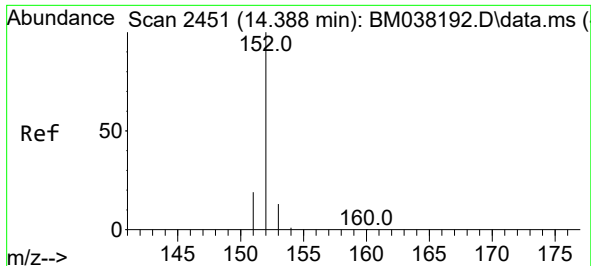
Tgt Ion:142 Resp: 2496
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:142 Resp: 2555
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1

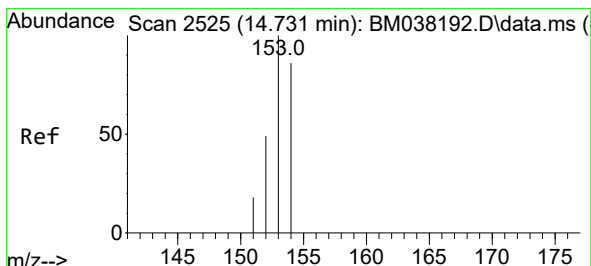
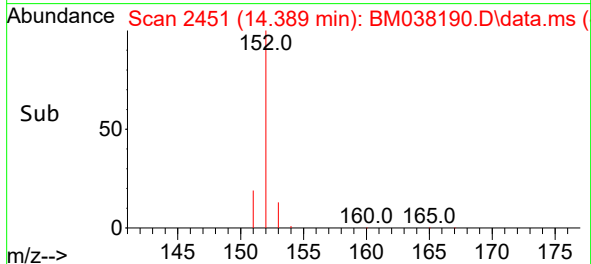
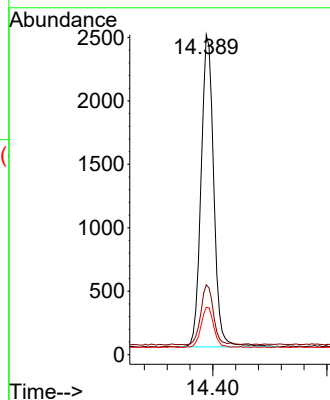
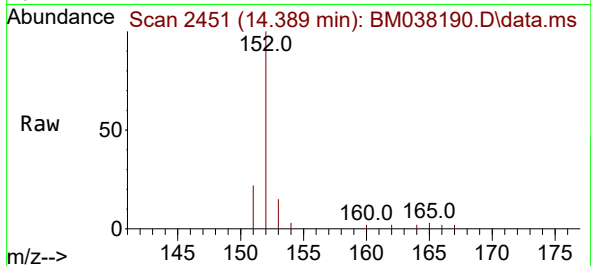




#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

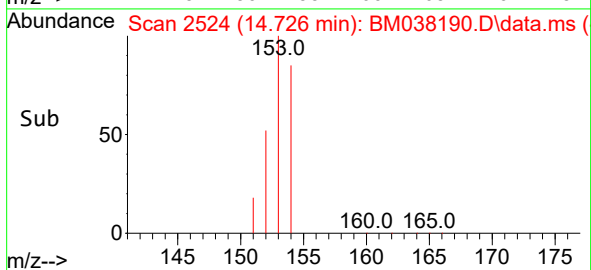
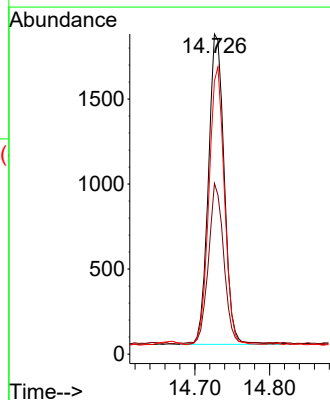
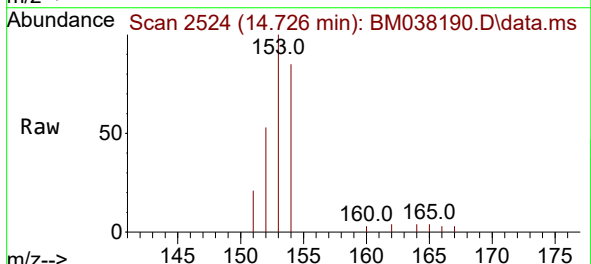
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

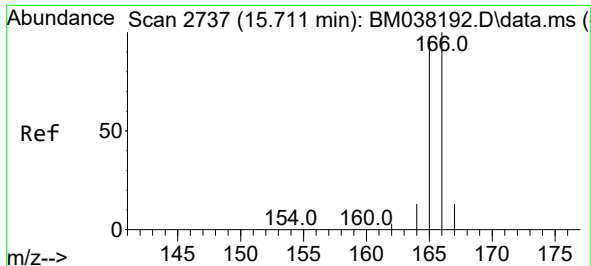
Tgt Ion:152 Resp: 3790
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 14.8 10.7 16.1



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:153 Resp: 2678
Ion Ratio Lower Upper
153 100
152 53.3 39.4 59.0
154 85.3 69.0 103.4

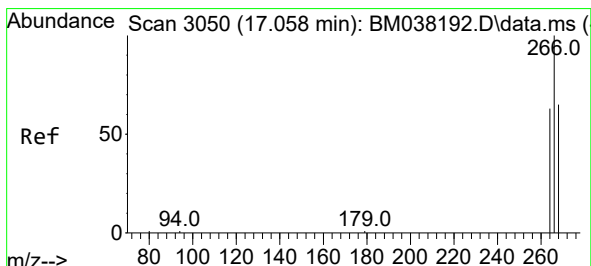
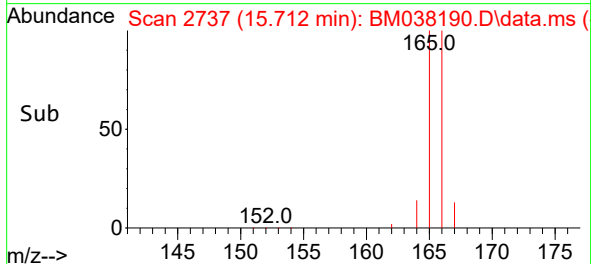
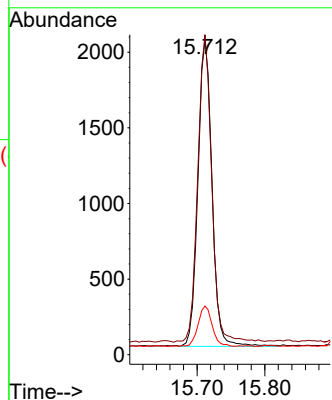
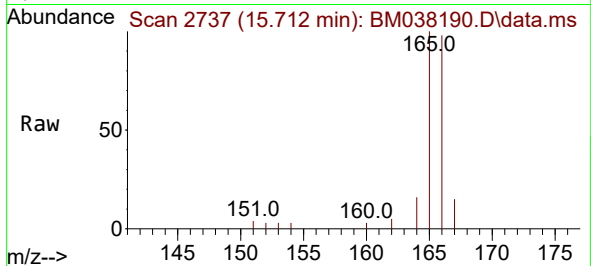




#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

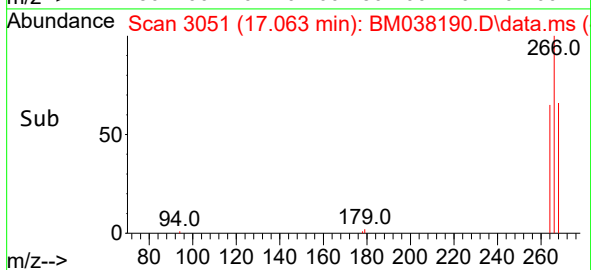
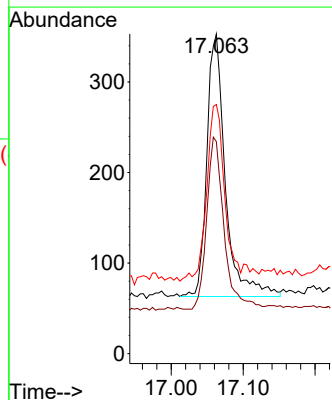
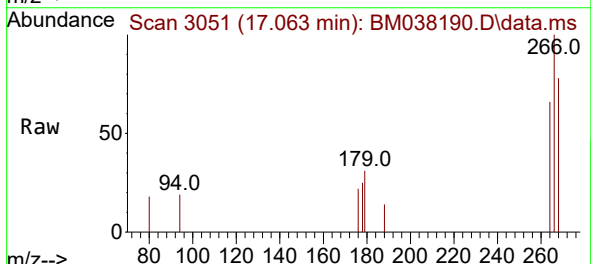
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

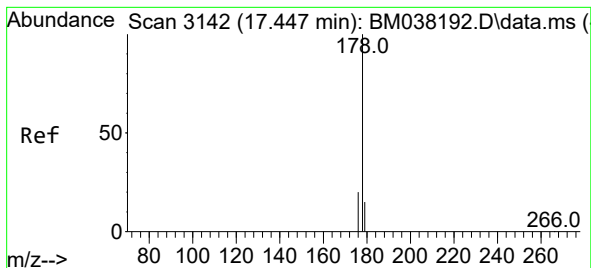
Tgt Ion:166	Resp:	2924	
Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.6
167	15.5	11.0	16.6



#14
Pentachlorophenol
Concen: 0.101 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. 0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:266	Resp:	518	
Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.9	74.9
268	64.7	51.2	76.8





#15

Phenanthrene

Concen: 0.101 ng/ul

RT: 17.447 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM038190.D

Acq: 22 Dec 2022 09:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

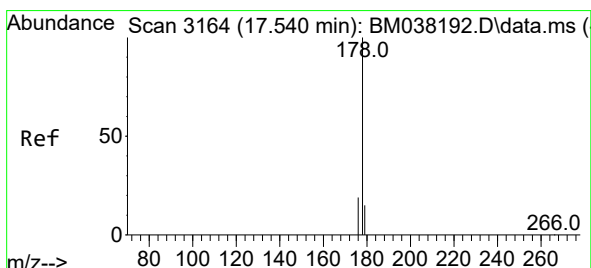
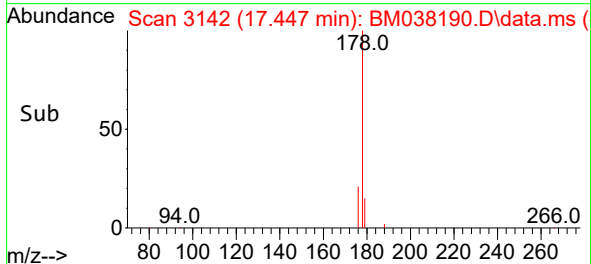
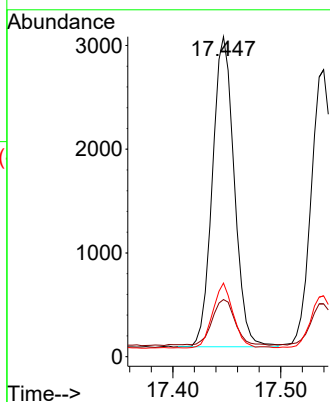
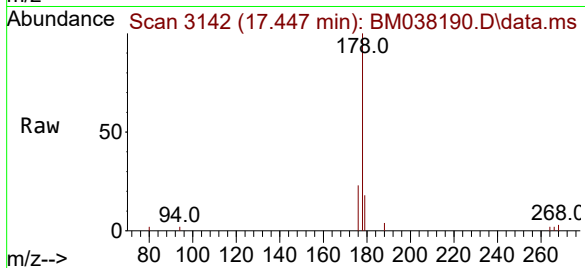
Tgt Ion:178 Resp: 4200

Ion Ratio Lower Upper

178 100

179 17.9 13.0 19.4

176 23.0 16.2 24.4



#16

Anthracene

Concen: 0.102 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BM038190.D

Acq: 22 Dec 2022 09:59

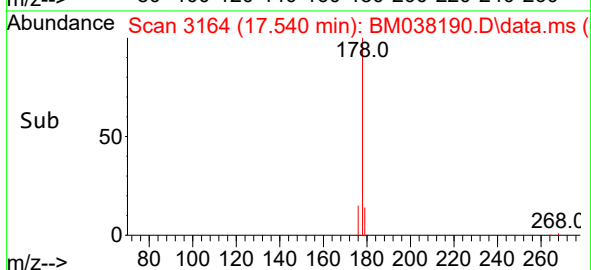
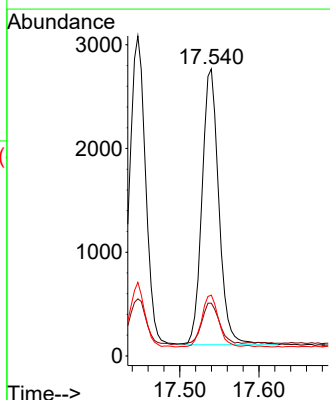
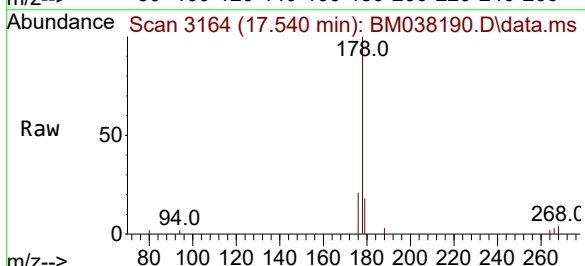
Tgt Ion:178 Resp: 3924

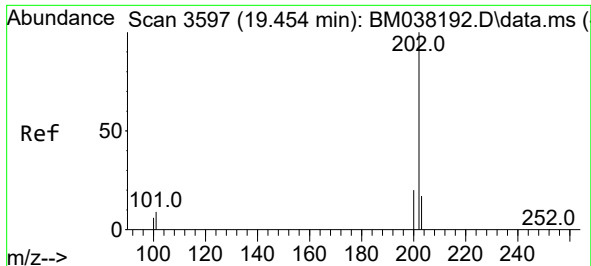
Ion Ratio Lower Upper

178 100

179 18.4 13.0 19.6

176 21.2 15.6 23.4

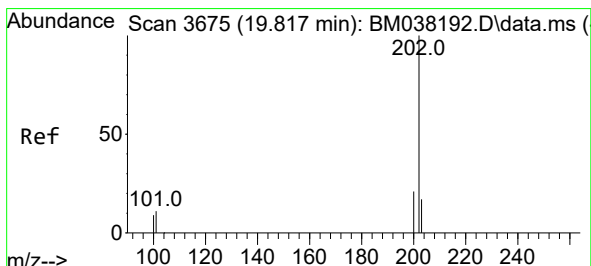
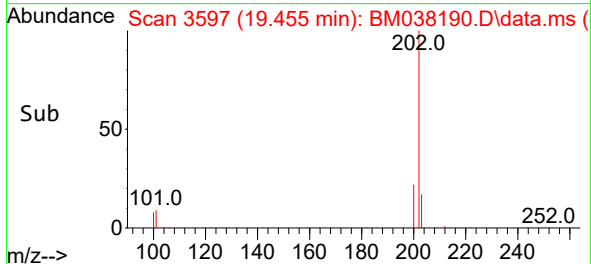
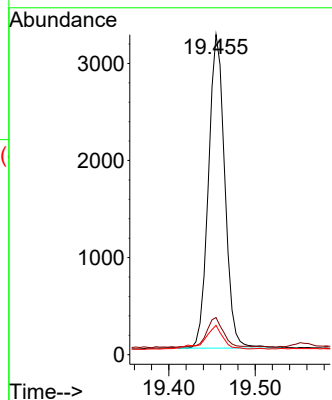
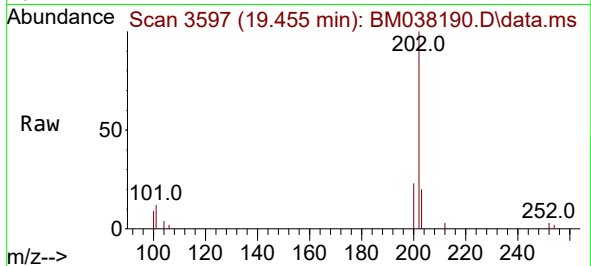




#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

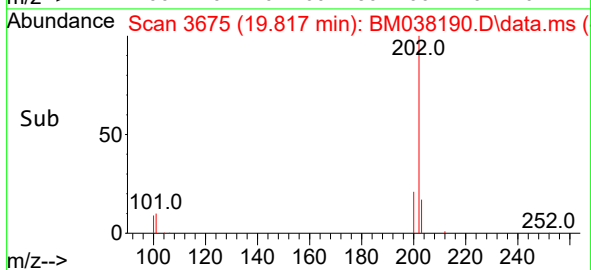
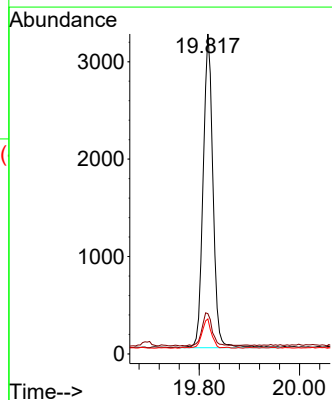
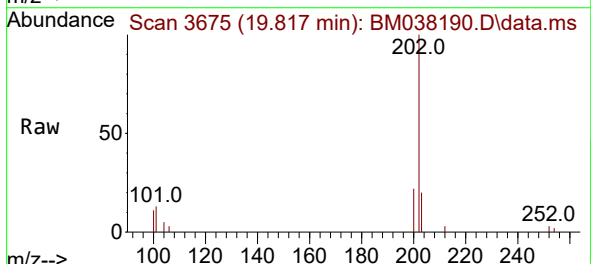
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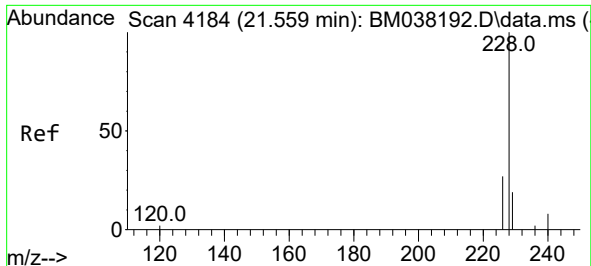
Tgt Ion:202 Resp: 4264
Ion Ratio Lower Upper
202 100
101 11.6 7.5 11.3#
100 9.2 5.6 8.4#



#20
Pyrene
Concen: 0.109 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:202 Resp: 4383
Ion Ratio Lower Upper
202 100
101 12.6 8.9 13.3
100 10.9 7.4 11.0

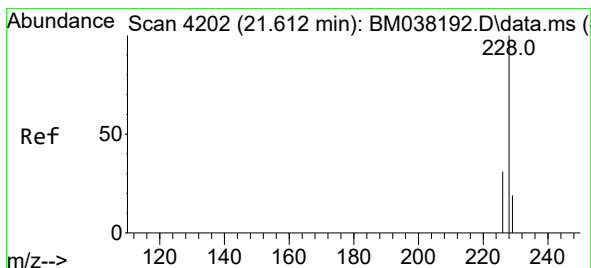
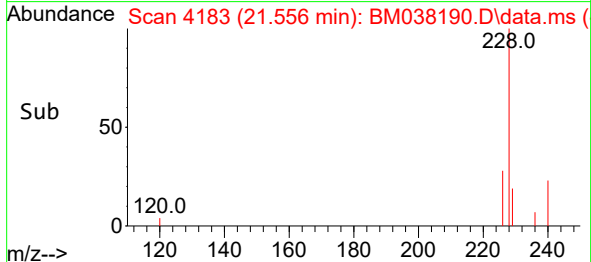
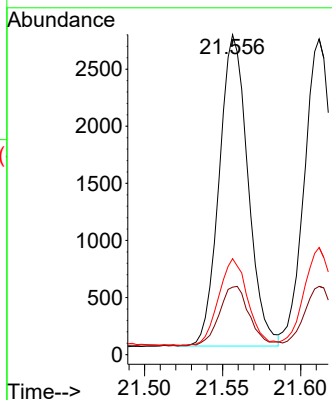
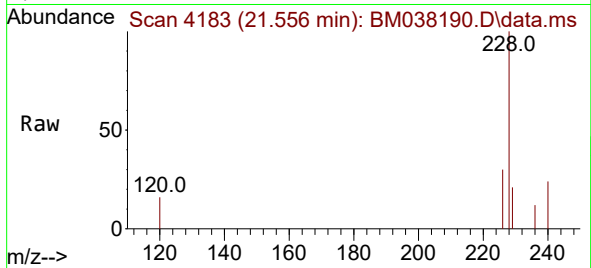




#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

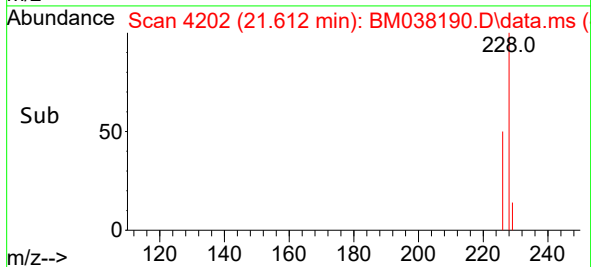
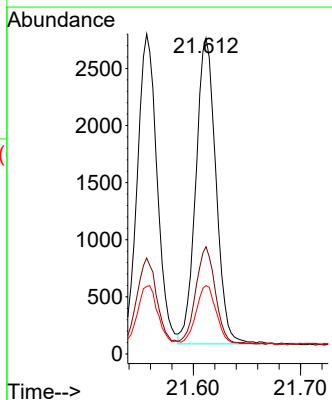
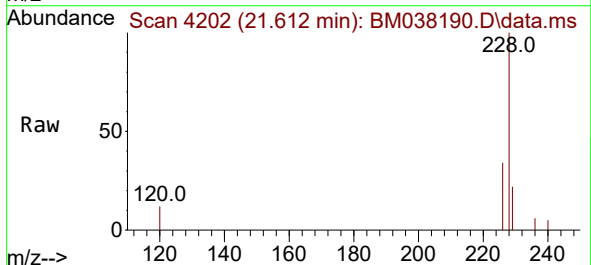
Instrument :
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SSTD0.1022

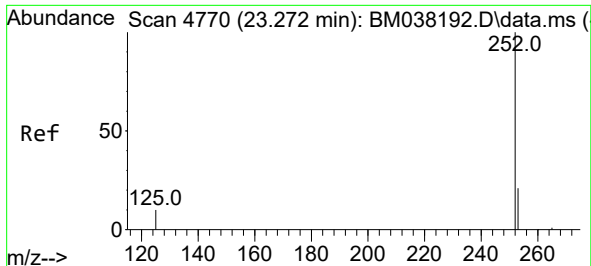
Tgt Ion:228 Resp: 3496
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 30.0 22.2 33.2



#22
Chrysene
Concen: 0.104 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:228 Resp: 3482
Ion Ratio Lower Upper
228 100
226 33.9 25.0 37.4
229 21.6 16.0 24.0

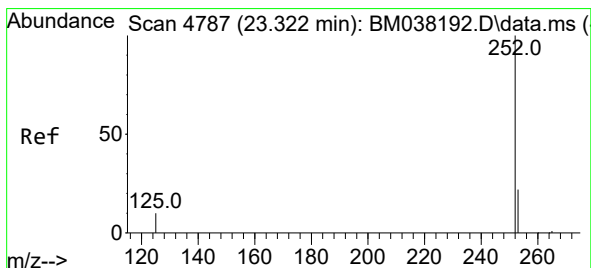
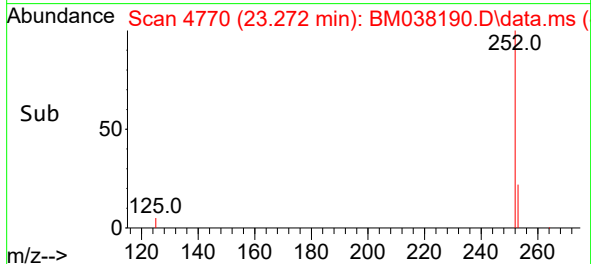
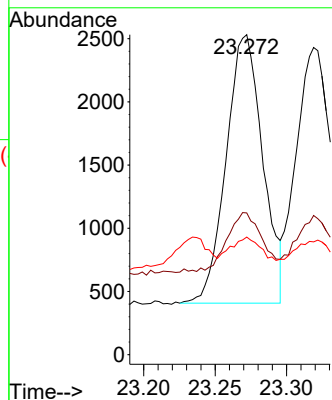
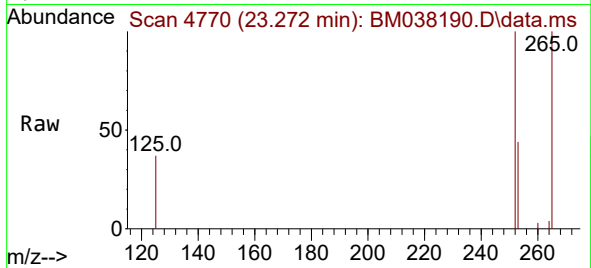




#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 23.272 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

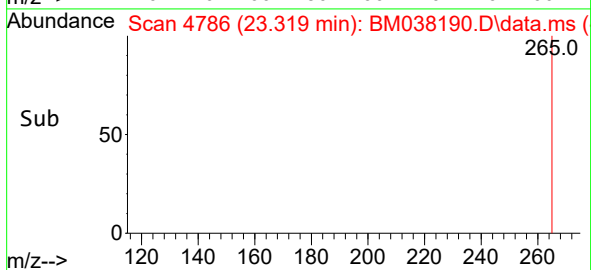
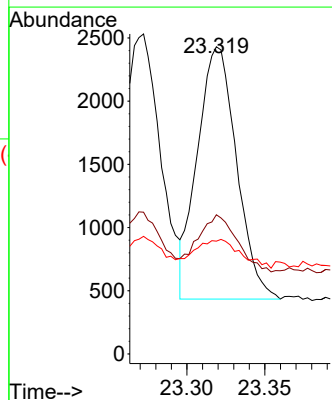
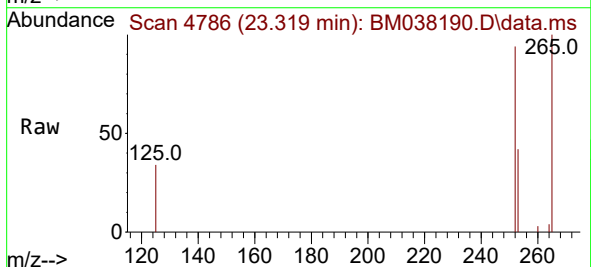
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

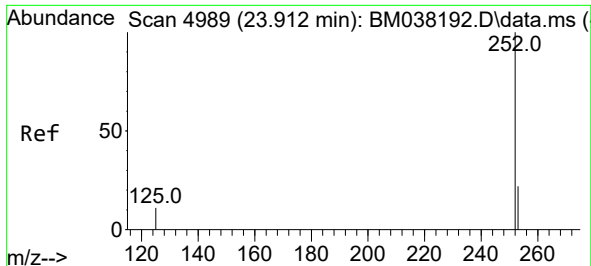
Tgt Ion:252 Resp: 3789
Ion Ratio Lower Upper
252 100
253 44.3 0.0 56.0
125 36.7 0.0 36.6#



#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:252 Resp: 3499
Ion Ratio Lower Upper
252 100
253 45.3 22.5 33.7#
125 36.7 14.4 21.6#

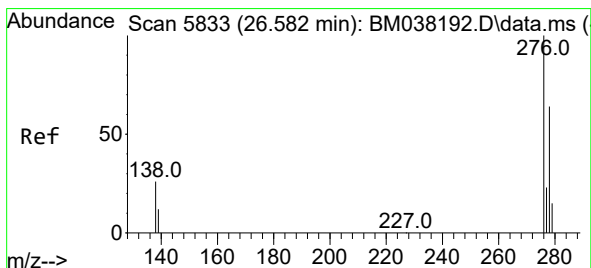
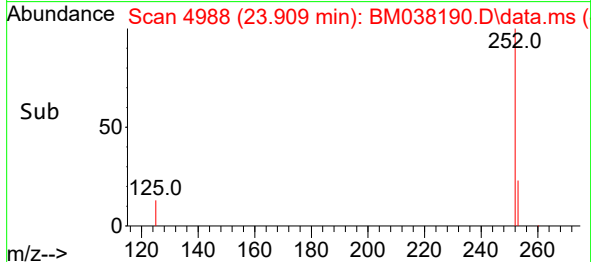
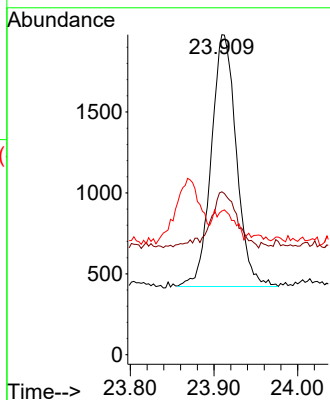
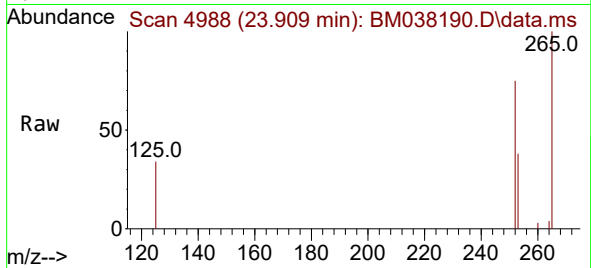




#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.909 min Scan# 4989
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

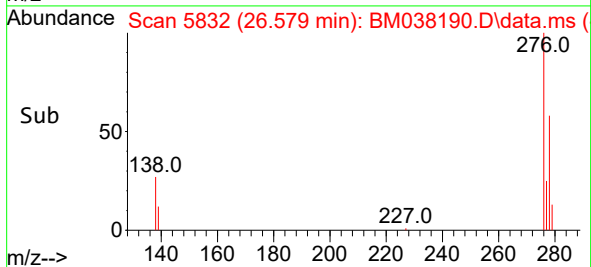
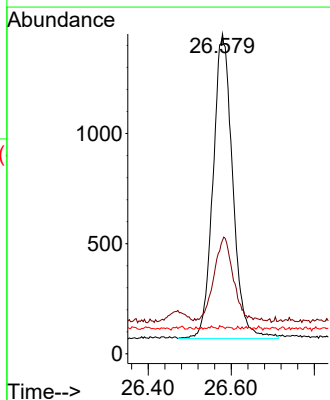
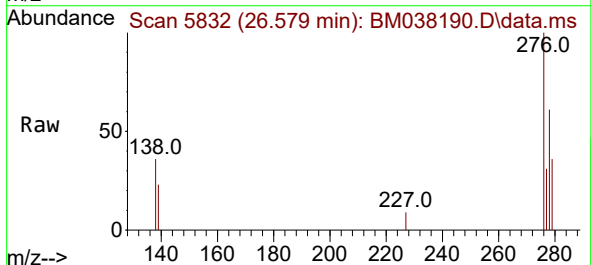
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

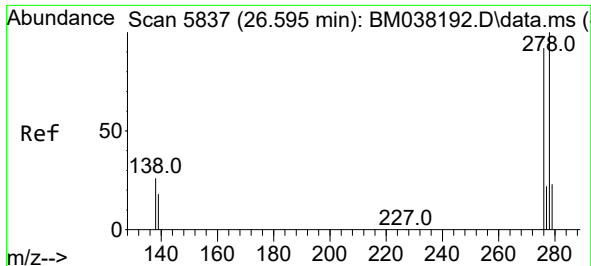
Tgt Ion:252 Resp: 3240
Ion Ratio Lower Upper
252 100
253 50.9 24.2 36.4#
125 44.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:276 Resp: 4544
Ion Ratio Lower Upper
276 100
138 27.2 21.7 32.5
227 0.2 0.0 0.0#

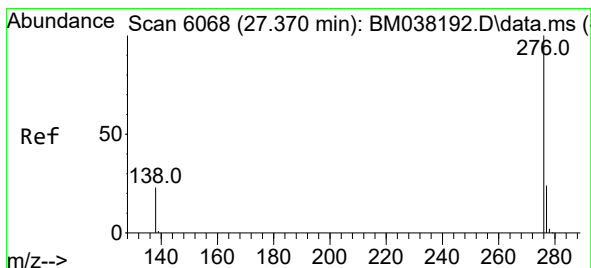
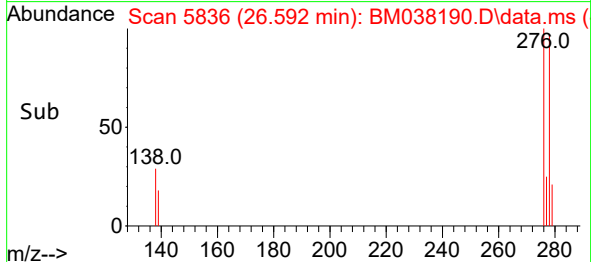
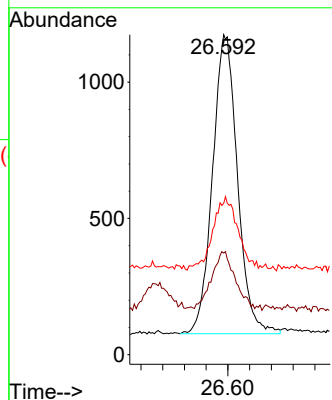
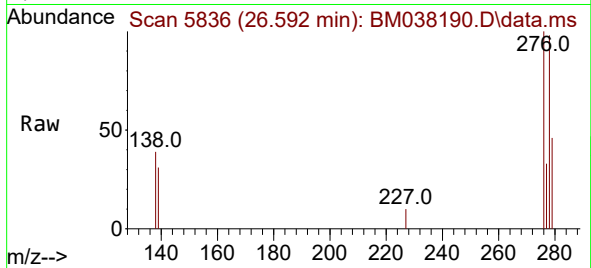




#28
 Dibenzo(a,h)anthracene
 Concen: 0.113 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038190.D
 Acq: 22 Dec 2022 09:59

Instrument :
 BNA_M
 ClientSampleId :
 SST00.1022

Tgt Ion:278 Resp: 3494
 Ion Ratio Lower Upper
 278 100
 139 31.8 16.8 25.2#
 279 47.3 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.113 ng/ul
 RT: 27.370 min Scan# 6068
 Delta R.T. 0.000 min
 Lab File: BM038190.D
 Acq: 22 Dec 2022 09:59

Tgt Ion:276 Resp: 3815
 Ion Ratio Lower Upper
 276 100
 138 36.3 20.8 31.2#
 277 30.3 20.5 30.7

