

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038193.D
 Acq On : 22 Dec 2022 11:49
 Operator : CG/JU
 Sample : SSTD0.813
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8025

Quant Time: Dec 22 23:19:22 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)

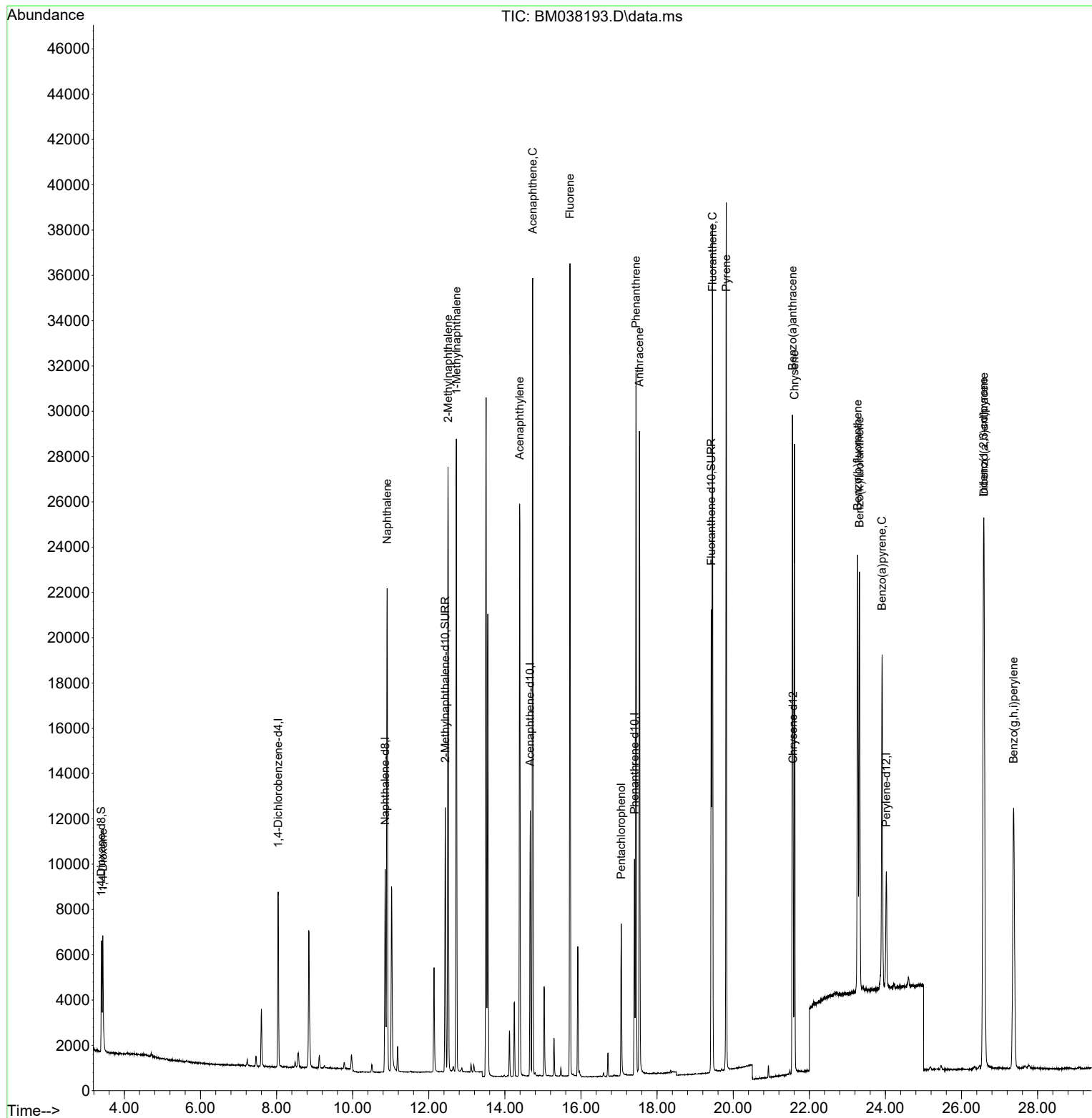
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11785	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	11095	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7015	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	7116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	3463	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	14611	0.849	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	21865	0.860	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	3269	0.648	ng/ul	91
5) Naphthalene	10.906	128	28913	0.810	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	18220	0.831	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	18456	0.822	ng/ul	99
10) Acenaphthylene	14.388	152	28137	0.883	ng/ul	99
11) Acenaphthene	14.731	153	20128	0.833	ng/ul	99
12) Fluorene	15.712	166	21733	0.812	ng/ul	100
14) Pentachlorophenol	17.058	266	4440	0.967	ng/ul	99
15) Phenanthrene	17.447	178	31169	0.834	ng/ul	99
16) Anthracene	17.535	178	30221	0.875	ng/ul	99
19) Fluoranthene	19.454	202	31436	0.868	ng/ul	99
20) Pyrene	19.817	202	31475	0.851	ng/ul	99
21) Benzo(a)anthracene	21.556	228	24388	0.805	ng/ul	100
22) Chrysene	21.612	228	23508	0.769	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	25388	0.752	ng/ul	94
25) Benzo(k)fluoranthene	23.319	252	24349	0.748	ng/ul	93
26) Benzo(a)pyrene	23.912	252	22119	0.778	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.579	276	30870	0.865	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.592	278	24073	0.866	ng/ul	97
29) Benzo(g,h,i)perylene	27.367	276	25993	0.858	ng/ul	98

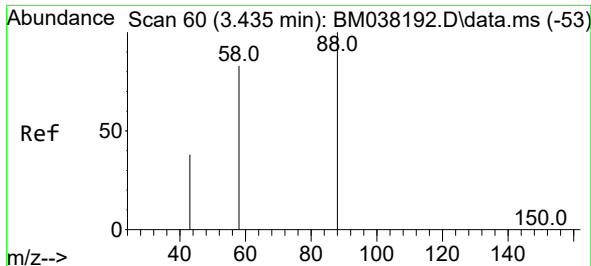
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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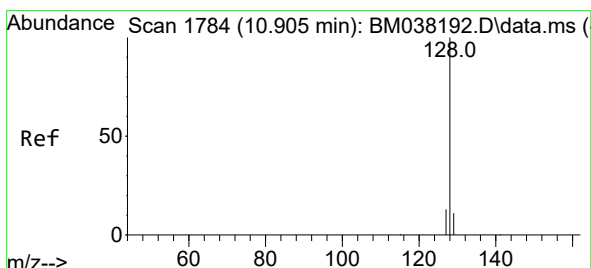
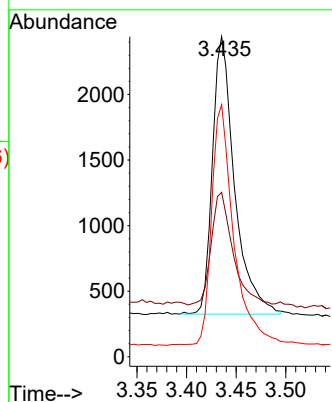
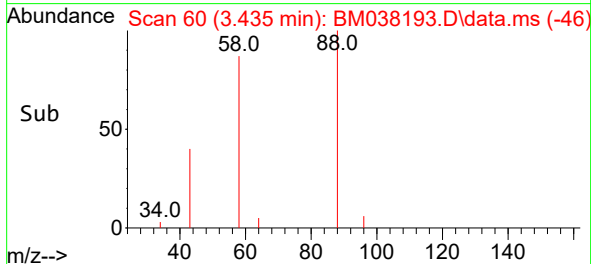
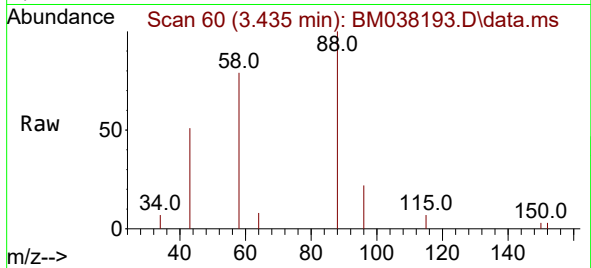




#2
1,4-Dioxane
Concen: 0.648 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

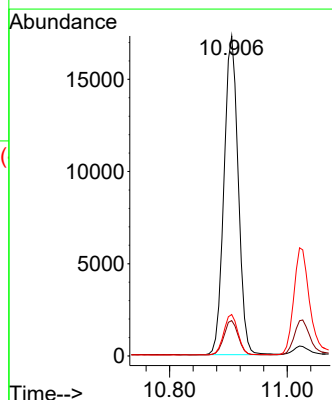
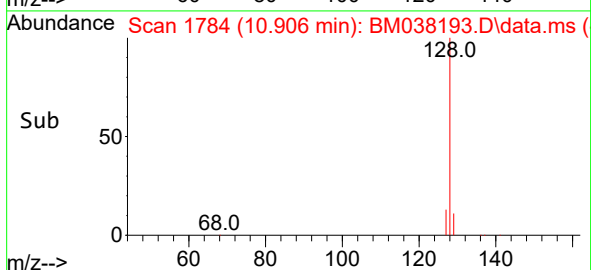
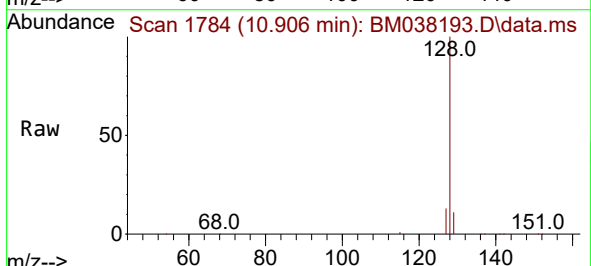
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

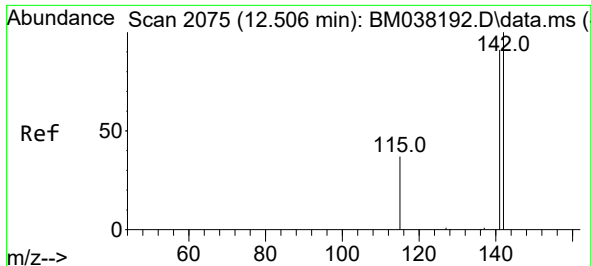
Tgt Ion: 88 Resp: 3269
Ion Ratio Lower Upper
88 100
43 51.3 46.4 69.6
58 78.7 56.9 85.3



#5
Naphthalene
Concen: 0.810 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion: 128 Resp: 28913
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.0 10.7 16.1

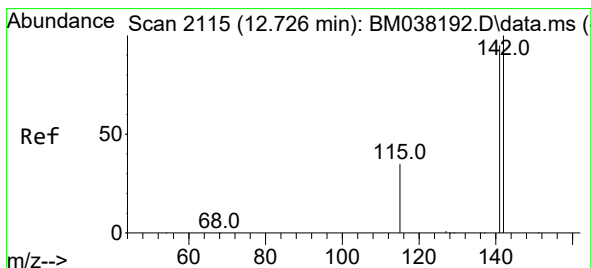
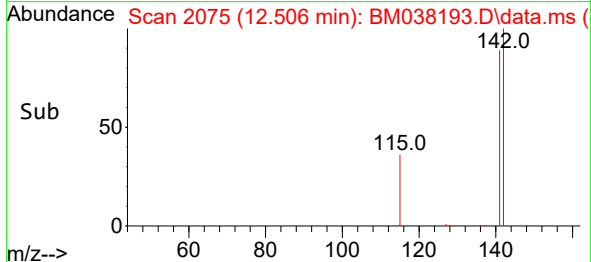
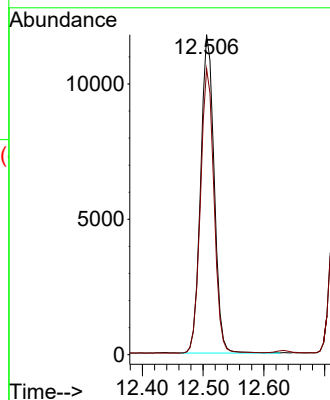
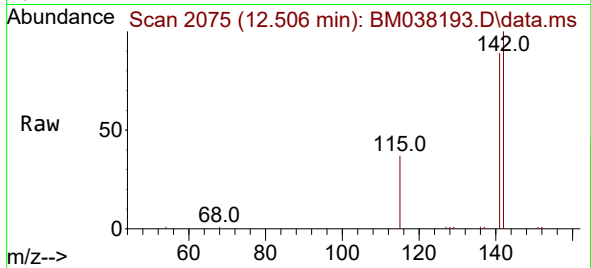




#7
2-Methylnaphthalene
Concen: 0.831 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

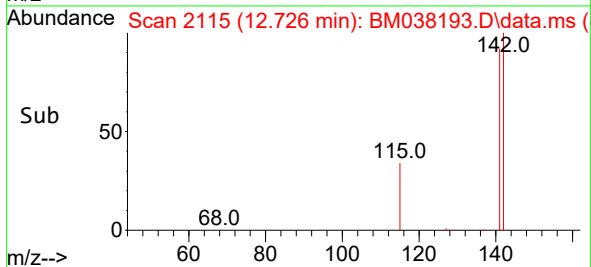
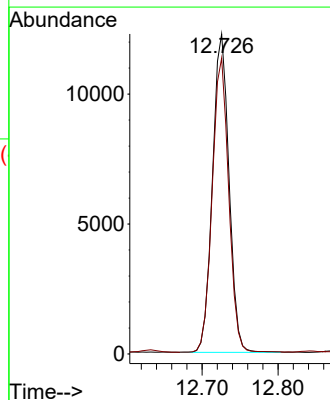
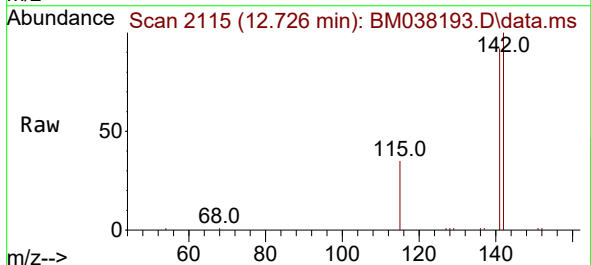
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

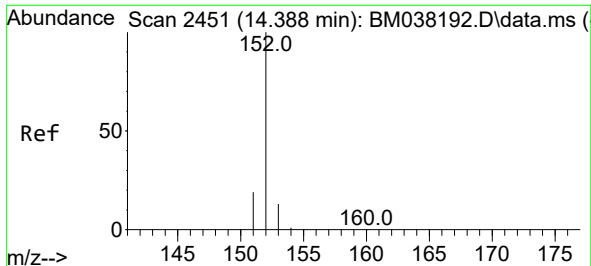
Tgt Ion:142 Resp: 18220
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.822 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:142 Resp: 18456
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1

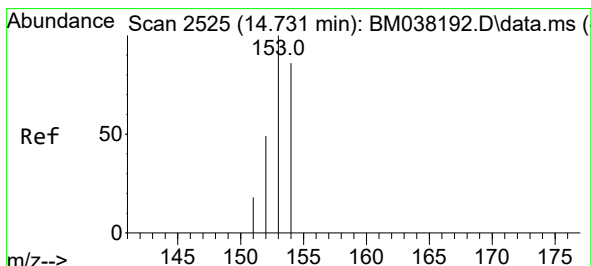
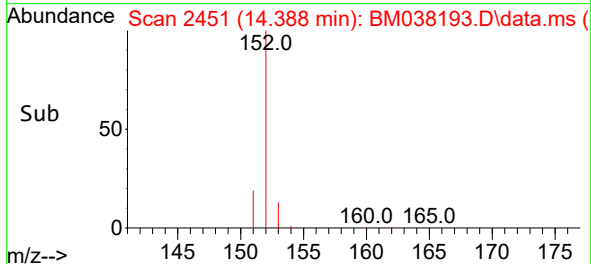
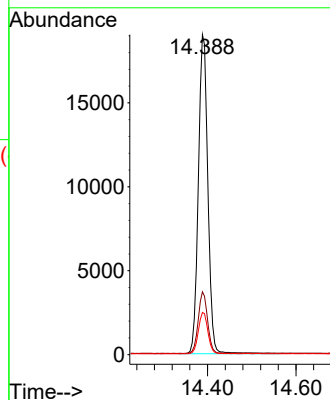
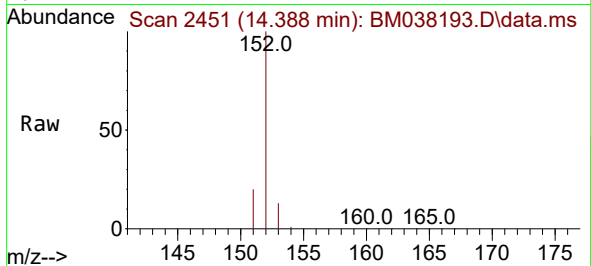




#10
Acenaphthylene
Concen: 0.883 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

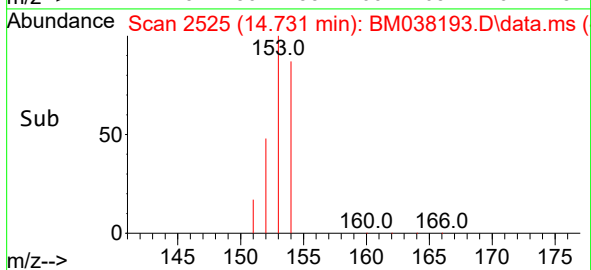
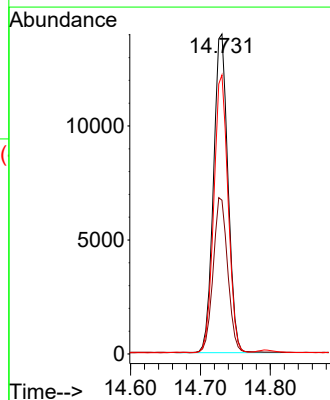
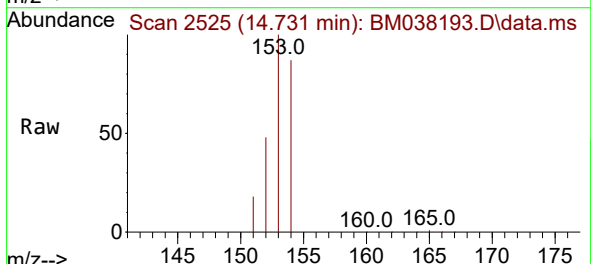
Instrument :
BNA_M
ClientSampleId :
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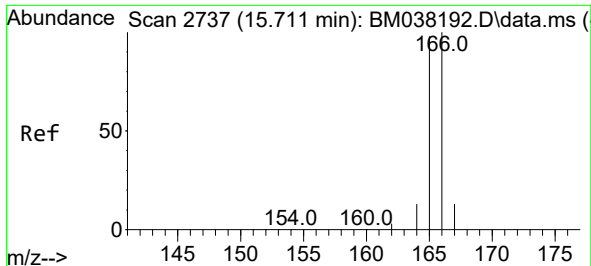
Tgt Ion:152 Resp: 28137
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.833 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:153 Resp: 20128
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.0
154 87.2 69.0 103.4

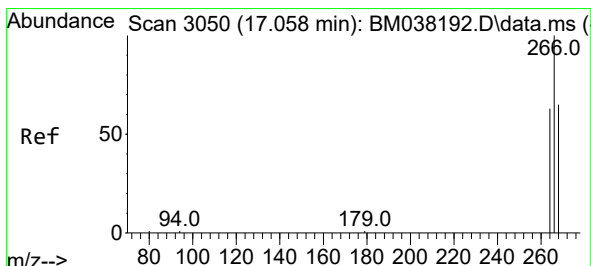
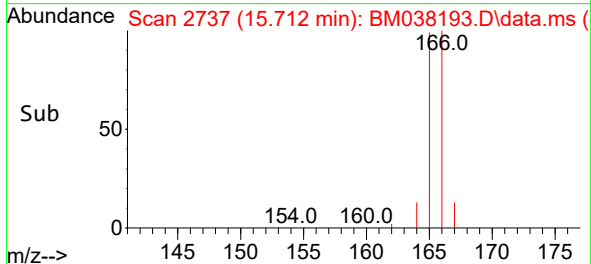
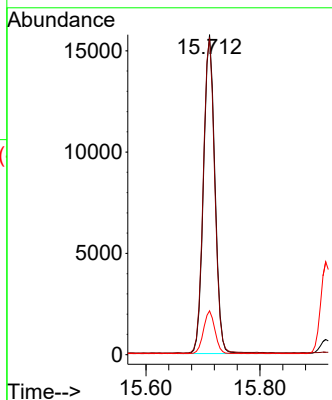
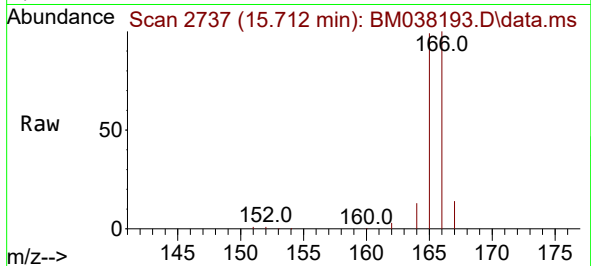




#12
Fluorene
Concen: 0.812 ng/ul
RT: 15.712 min Scan# 21733
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

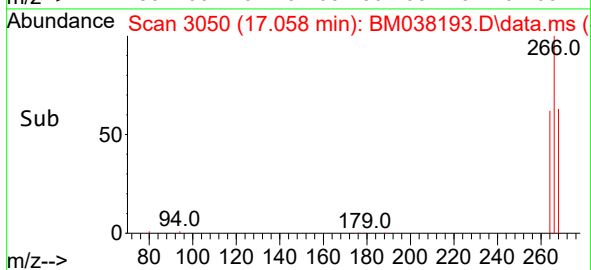
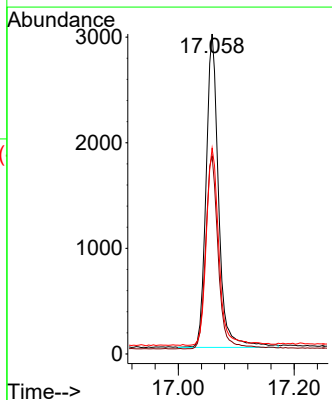
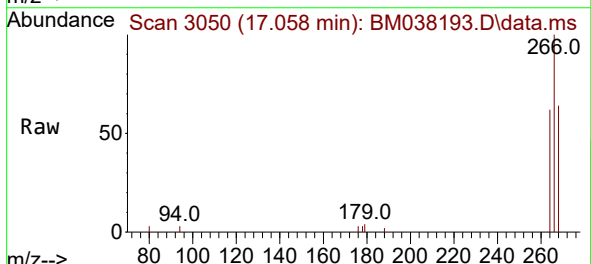
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

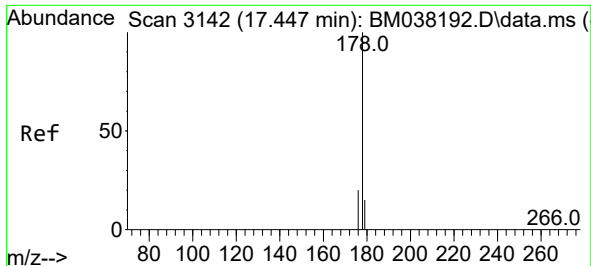
Tgt Ion:166	Resp:	21733
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.0 118.6
167	13.7	11.0 16.6



#14
Pentachlorophenol
Concen: 0.967 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:266	Resp:	4440
Ion Ratio	Lower	Upper
266	100	
264	62.2	49.9 74.9
268	62.7	51.2 76.8

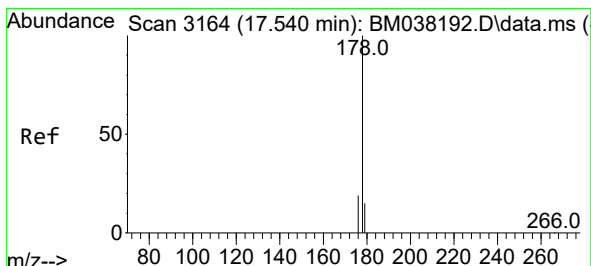
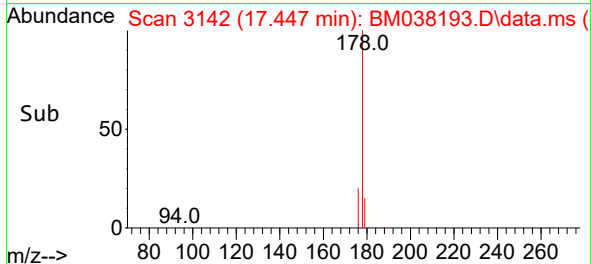
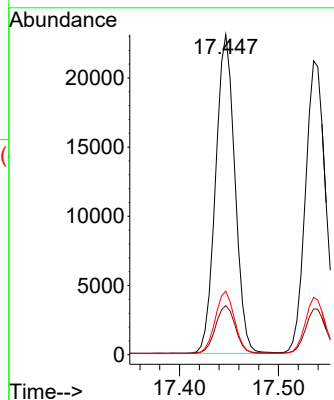
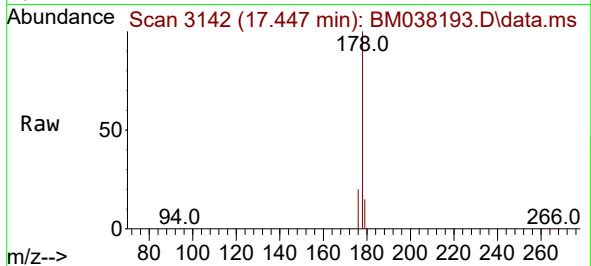




#15
Phenanthrene
Concen: 0.834 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

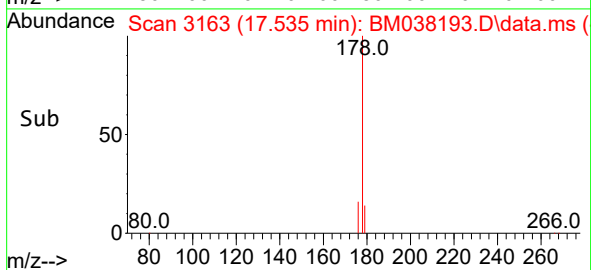
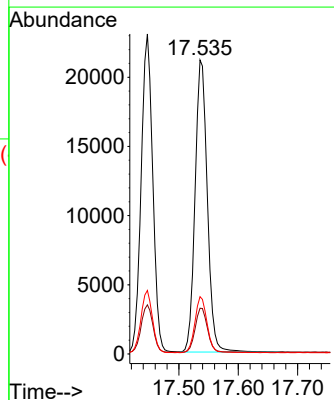
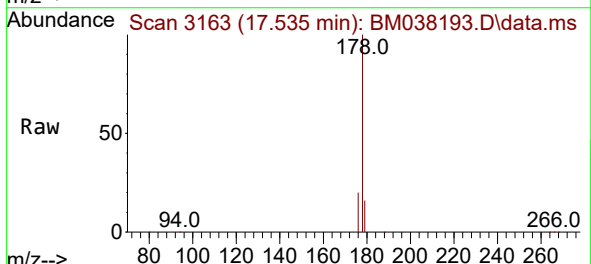
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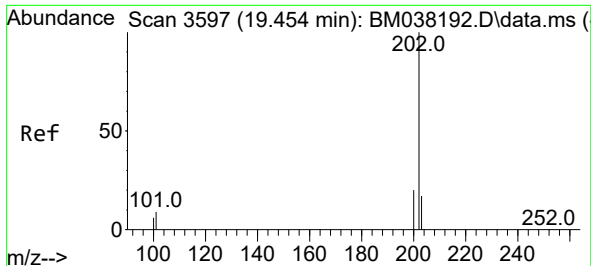
Tgt Ion:178 Resp: 31169
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.8 16.2 24.4



#16
Anthracene
Concen: 0.875 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:178 Resp: 30221
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.5 15.6 23.4

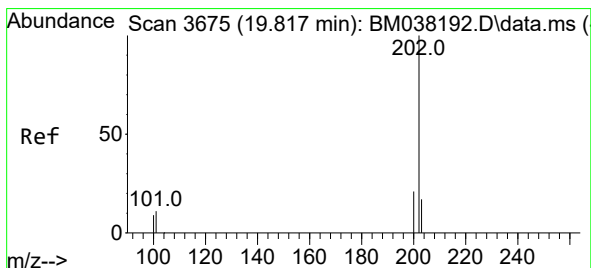
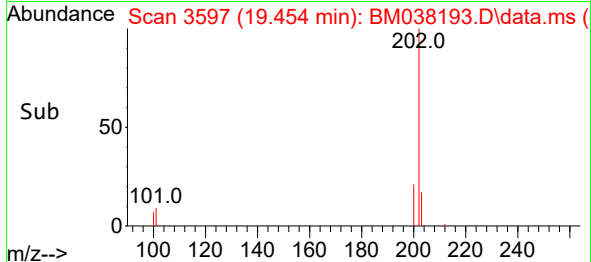
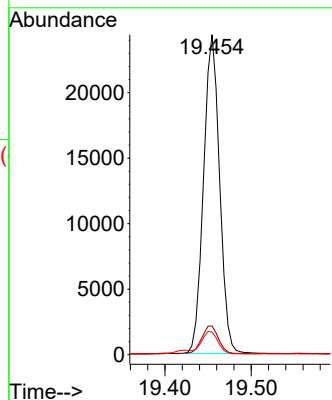
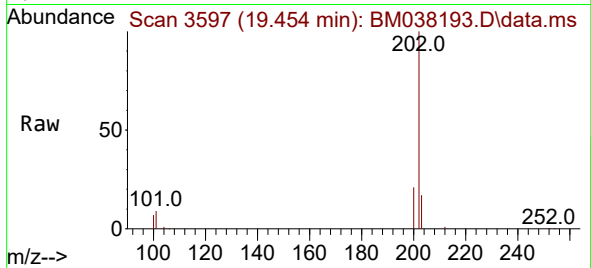




#19
Fluoranthene
Concen: 0.868 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

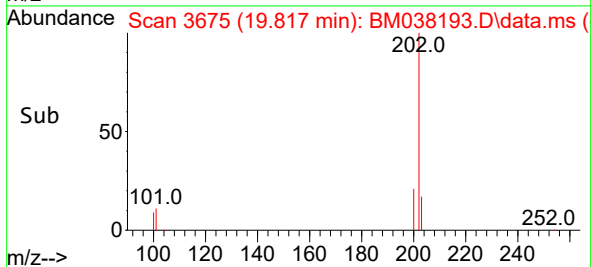
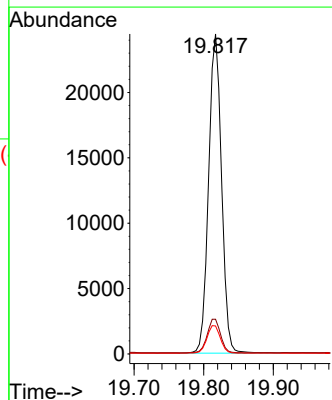
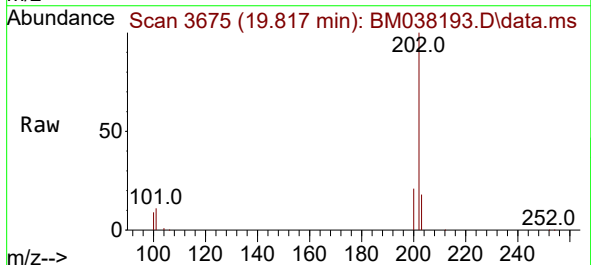
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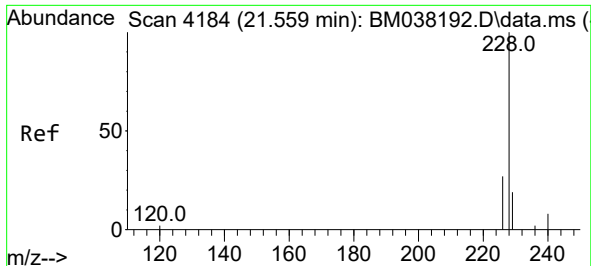
Tgt Ion:202 Resp: 31436
Ion Ratio Lower Upper
202 100
101 9.0 7.5 11.3
100 7.0 5.6 8.4



#20
Pyrene
Concen: 0.851 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:202 Resp: 31475
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.7 7.4 11.0

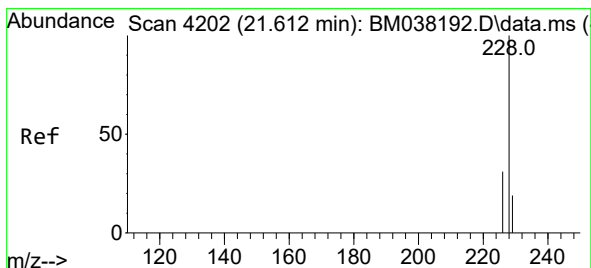
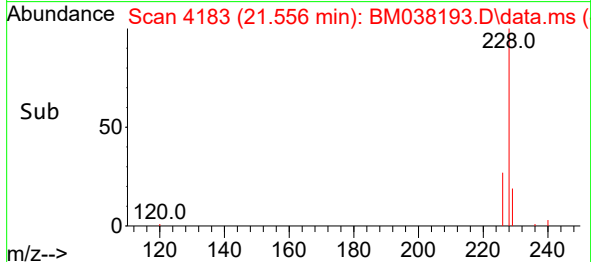
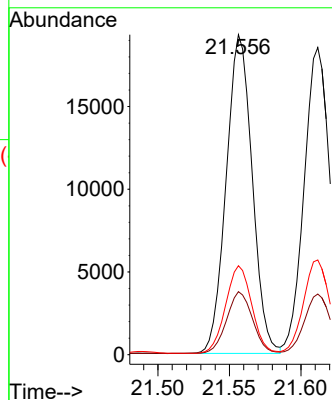
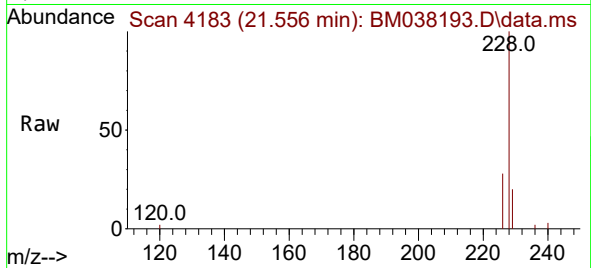




#21
Benzo(a)anthracene
Concen: 0.805 ng/ul
RT: 21.556 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

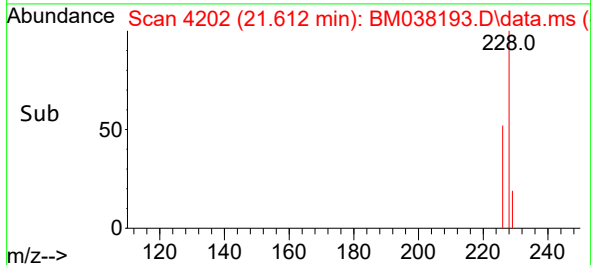
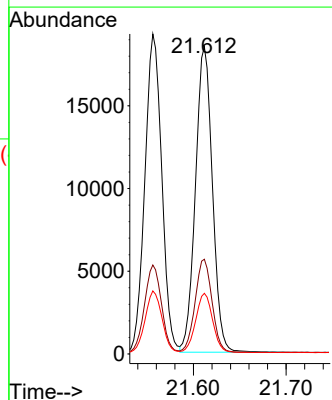
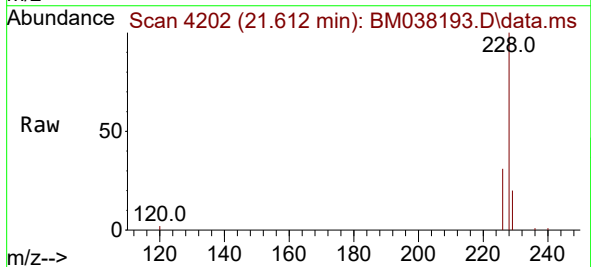
Instrument :
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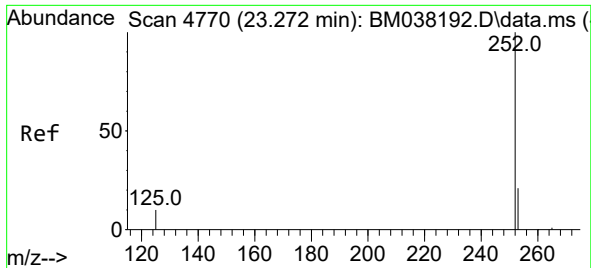
Tgt Ion:228 Resp: 24388
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.769 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:228 Resp: 23508
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.4
229 19.8 16.0 24.0

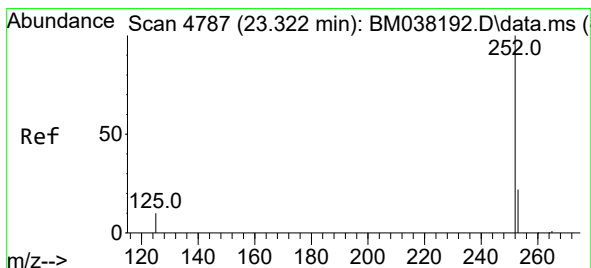
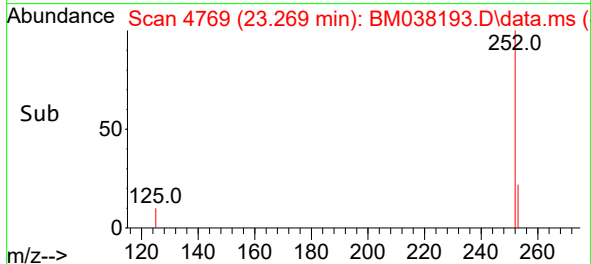
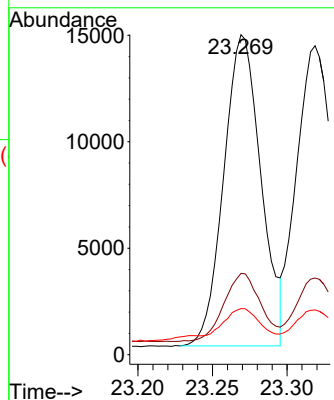
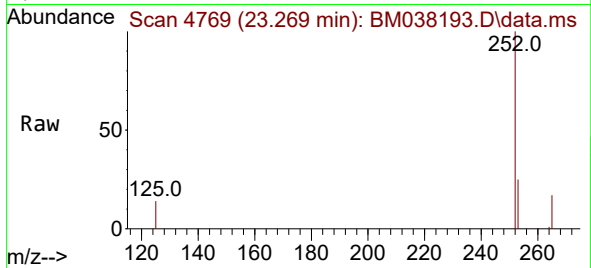




#24
Benzo(b)fluoranthene
Concen: 0.752 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

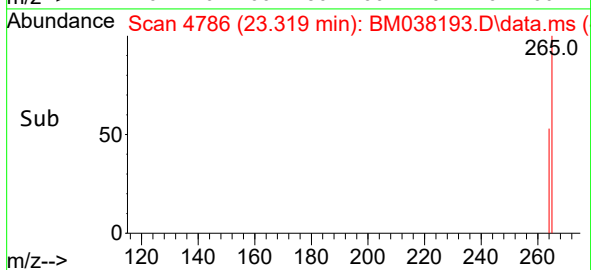
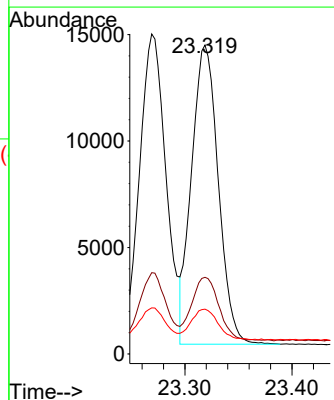
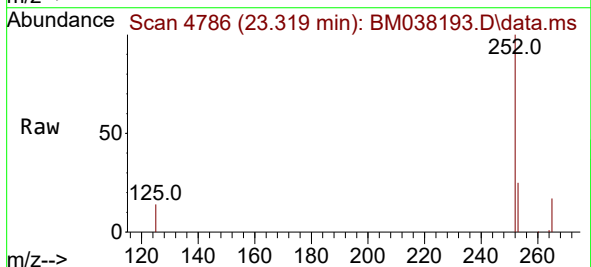
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

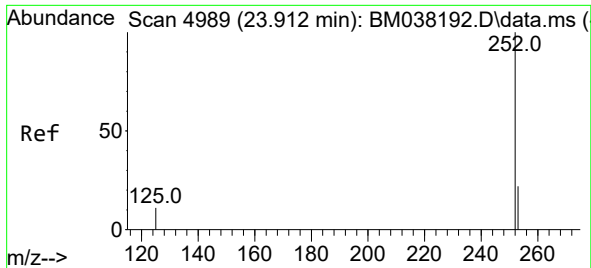
Tgt Ion:252 Resp: 25388
Ion Ratio Lower Upper
252 100
253 25.4 0.0 56.0
125 14.4 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.748 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:252 Resp: 24349
Ion Ratio Lower Upper
252 100
253 24.8 22.5 33.7
125 14.5 14.4 21.6

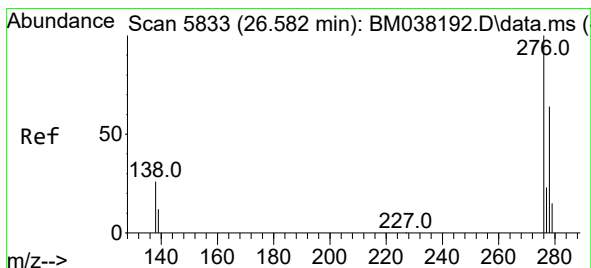
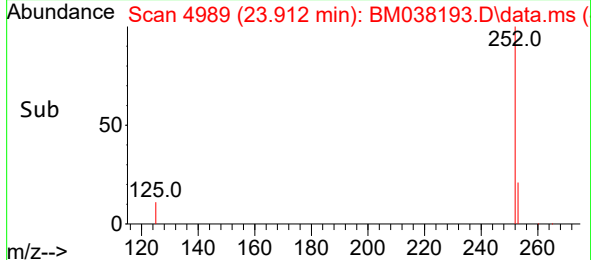
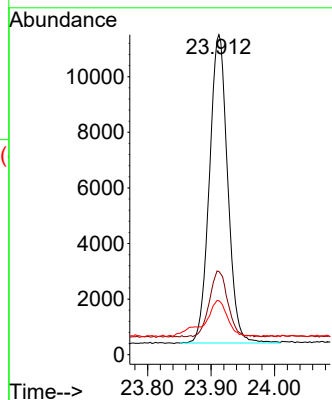
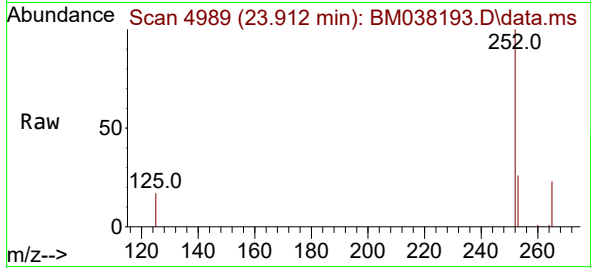




#26
Benzo(a)pyrene
Concen: 0.778 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

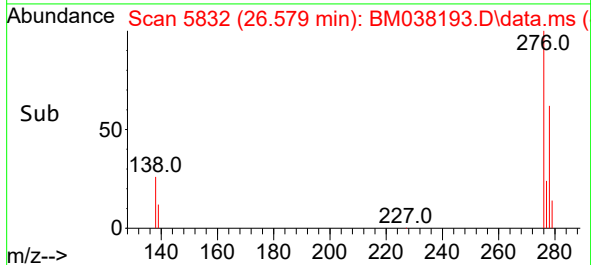
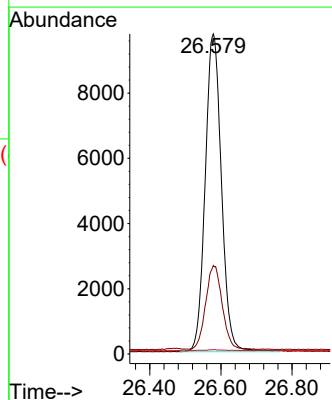
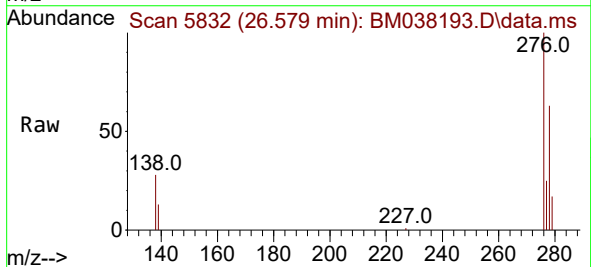
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

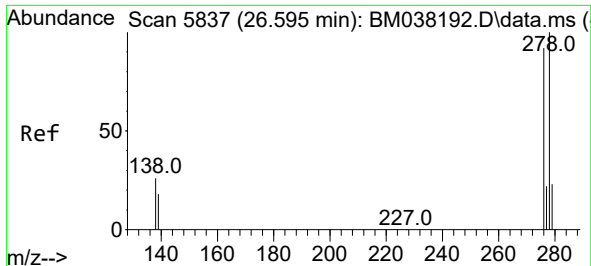
Tgt Ion:252 Resp: 22119
Ion Ratio Lower Upper
252 100
253 26.0 24.2 36.4
125 16.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.865 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038193.D
Acq: 22 Dec 2022 11:49

Tgt Ion:276 Resp: 30870
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
227 0.2 0.0 0.0#

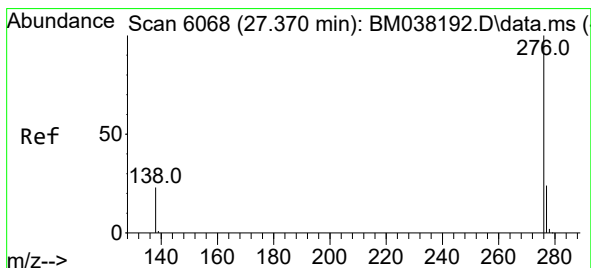
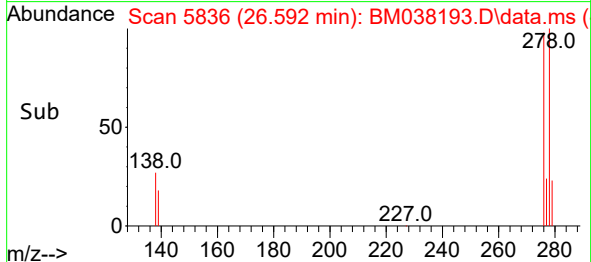
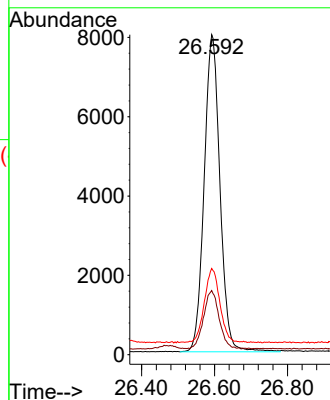
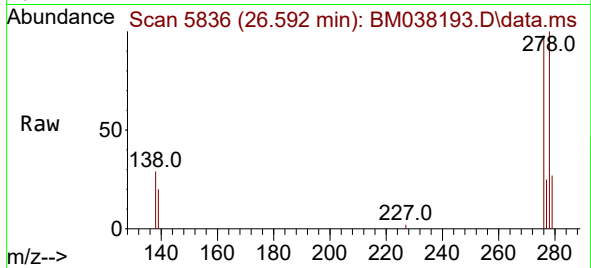




#28
 Dibenzo(a,h)anthracene
 Concen: 0.866 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038193.D
 Acq: 22 Dec 2022 11:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8025

Tgt Ion:278 Resp: 24073
 Ion Ratio Lower Upper
 278 100
 139 20.0 16.8 25.2
 279 26.9 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.858 ng/ul
 RT: 27.367 min Scan# 6067
 Delta R.T. -0.003 min
 Lab File: BM038193.D
 Acq: 22 Dec 2022 11:49

Tgt Ion:276 Resp: 25993
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.8 31.2
 277 24.5 20.5 30.7

