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 Data File : BM038192.D
 Acq On : 22 Dec 2022 11:12
 Operator : CG/JU
 Sample : SST0.412
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

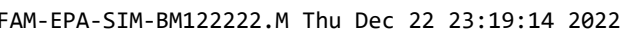
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4024

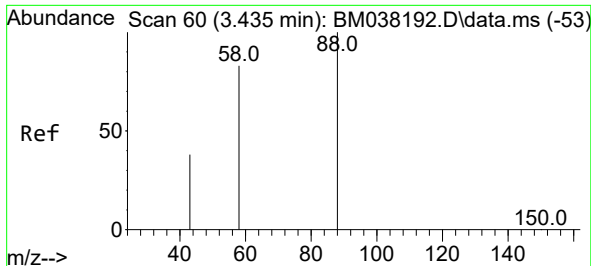
Quant Time: Dec 22 23:19:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:18:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	13019	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12154	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	7074	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	7733	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	1851	0.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	7579	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	10949	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	1784	0.324	ng/ul	100
5) Naphthalene	10.905	128	15075	0.382	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	9317	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	9483	0.382	ng/ul	100
10) Acenaphthylene	14.388	152	14132	0.417	ng/ul	100
11) Acenaphthene	14.731	153	10119	0.394	ng/ul	100
12) Fluorene	15.711	166	10921	0.383	ng/ul	100
14) Pentachlorophenol	17.058	266	2423	0.481	ng/ul	100
15) Phenanthrene	17.447	178	15752	0.385	ng/ul	100
16) Anthracene	17.540	178	15159	0.401	ng/ul	100
19) Fluoranthene	19.454	202	16440	0.450	ng/ul	100
20) Pyrene	19.817	202	16446	0.441	ng/ul	100
21) Benzo(a)anthracene	21.559	228	13170	0.431	ng/ul	100
22) Chrysene	21.612	228	12868	0.417	ng/ul	100
24) Benzo(b)fluoranthene	23.272	252	13619	0.371	ng/ul	100
25) Benzo(k)fluoranthene	23.322	252	13549	0.383	ng/ul	100
26) Benzo(a)pyrene	23.912	252	12080	0.391	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.582	276	16756	0.432	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	13103	0.434	ng/ul	100
29) Benzo(g,h,i)perylene	27.370	276	14107	0.428	ng/ul	100

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

Quant Time: Dec 22 23:19:10 2022
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QLast Update : Thu Dec 22 23:18:00 2022
Response via : Initial Calibration

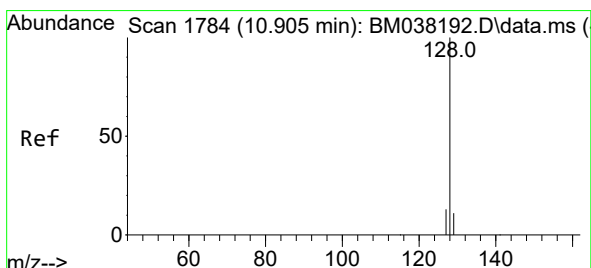
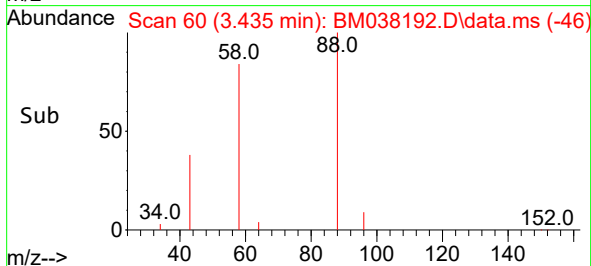
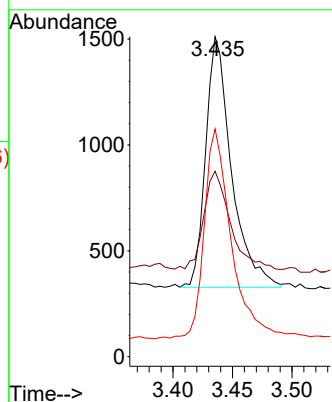
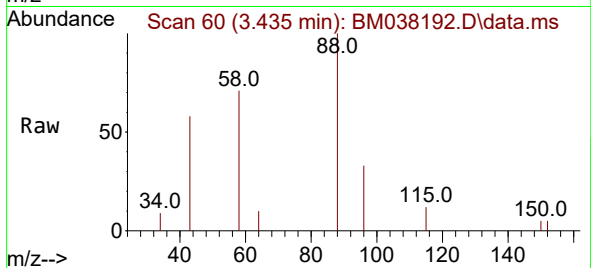




#2
1,4-Dioxane
Concen: 0.324 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

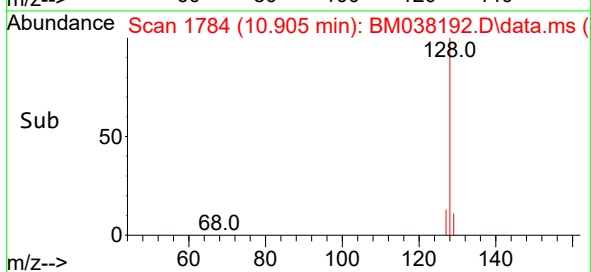
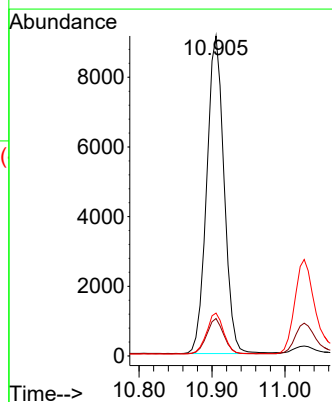
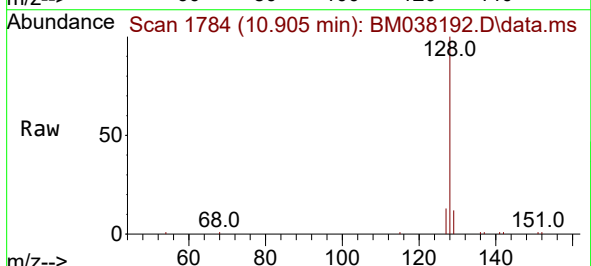
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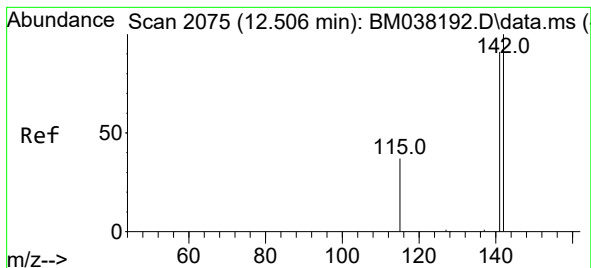
Tgt Ion: 88 Resp: 1784
Ion Ratio Lower Upper
88 100
43 58.0 46.4 69.6
58 71.1 56.9 85.3



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.905 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion: 128 Resp: 15075
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.384 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038192.D

Acq: 22 Dec 2022 11:12

Instrument :

BNA_M

ClientSampleId :

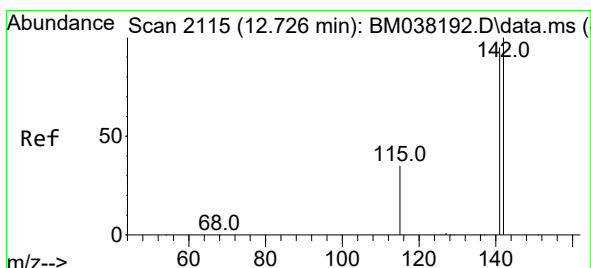
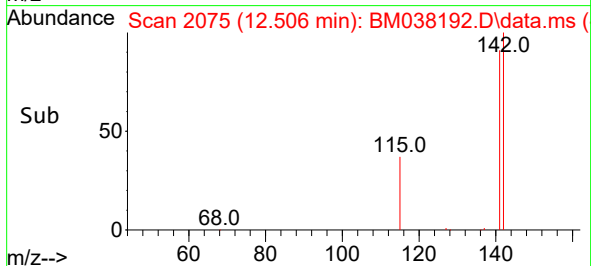
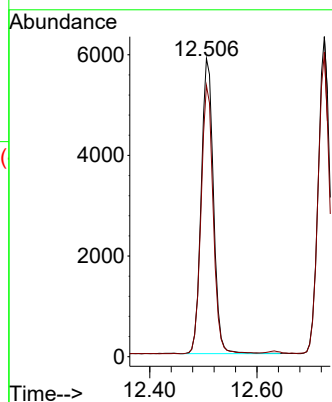
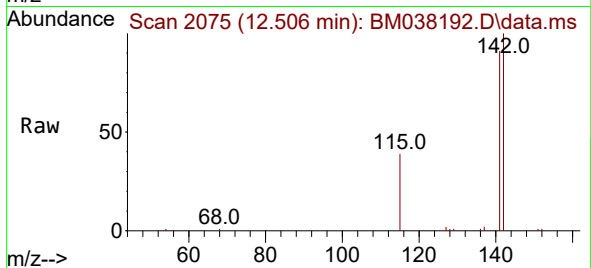
SSTD0.4024

Tgt Ion:142 Resp: 9317

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.382 ng/ul

RT: 12.726 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM038192.D

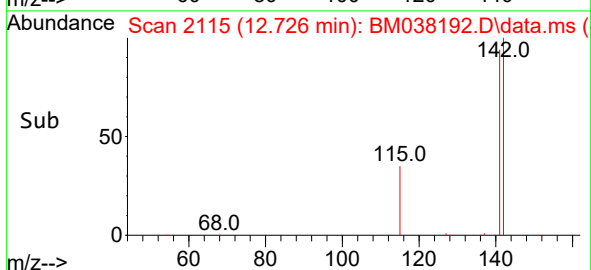
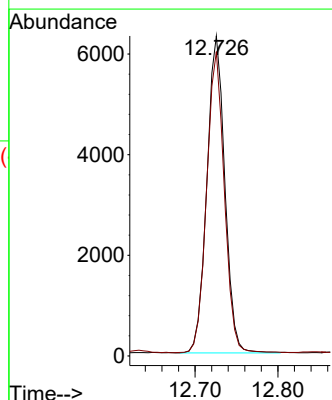
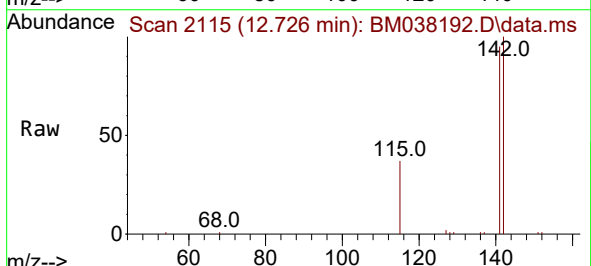
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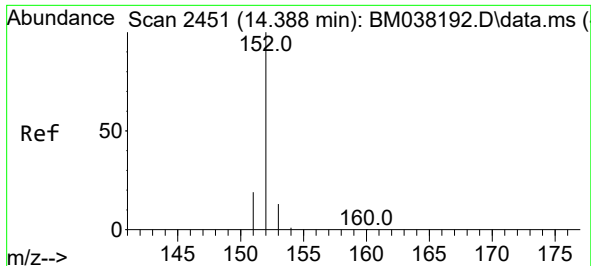
Tgt Ion:142 Resp: 9483

Ion Ratio Lower Upper

142 100

141 93.4 74.7 112.1

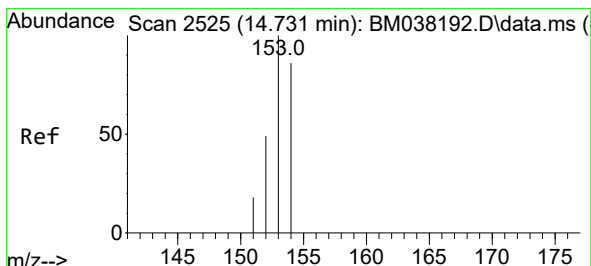
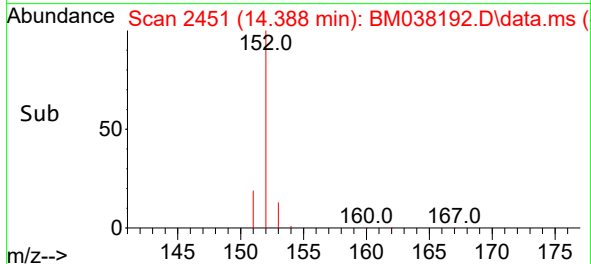
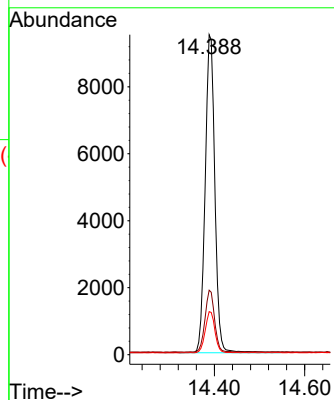
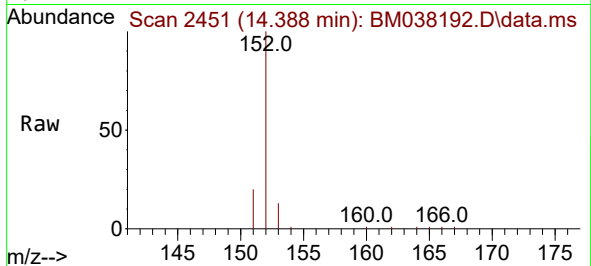




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

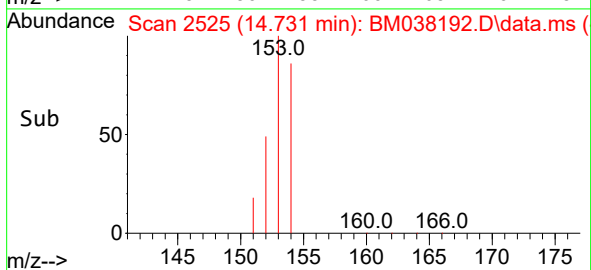
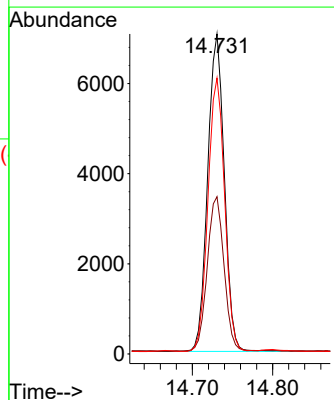
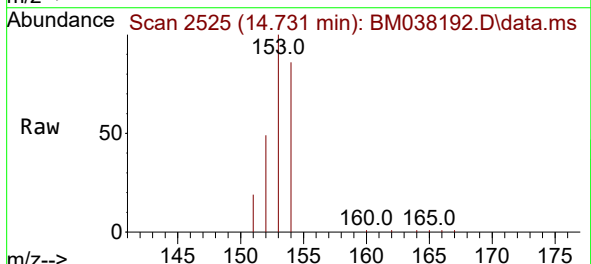
Instrument :
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ClientSampleId :
SSTD0.4024

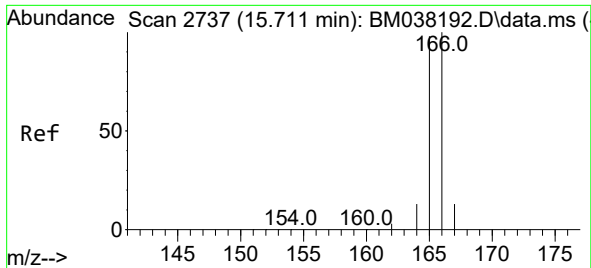
Tgt Ion:152 Resp: 14132
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:153 Resp: 10119
Ion Ratio Lower Upper
153 100
152 49.2 39.4 59.0
154 86.2 69.0 103.4

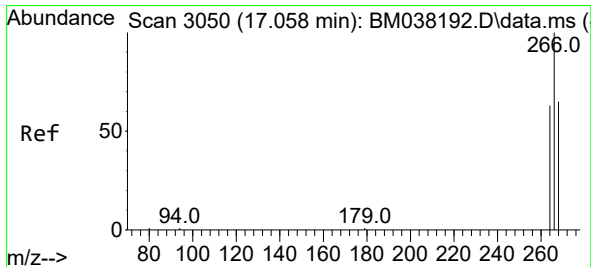
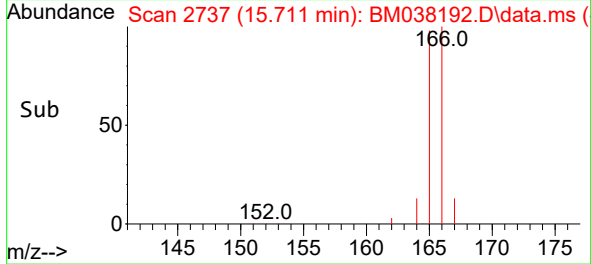
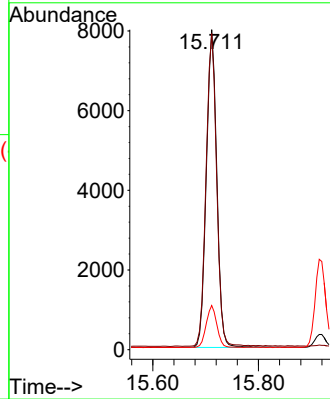
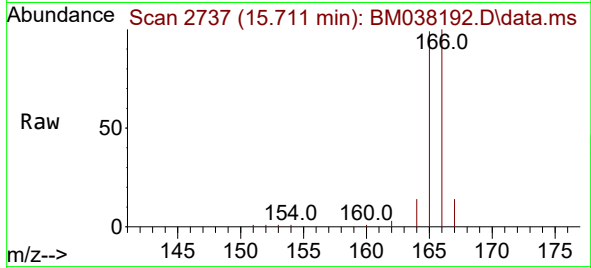




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

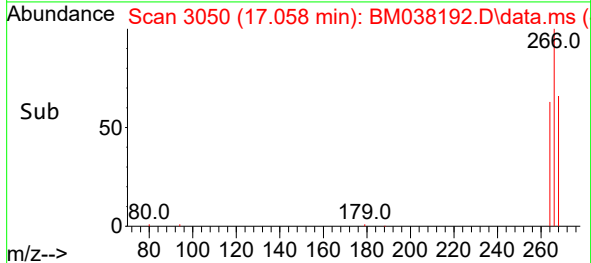
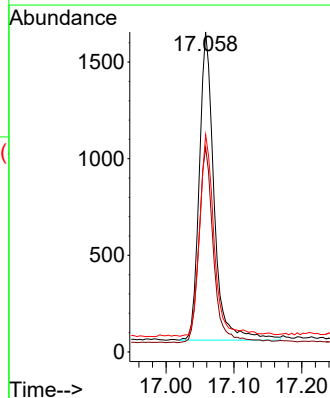
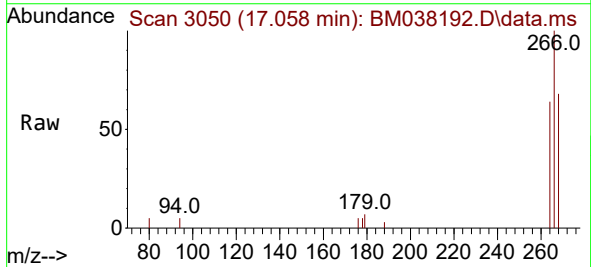
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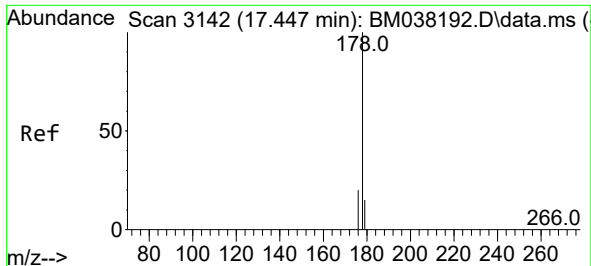
Tgt Ion:166 Resp: 10921
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.481 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:266 Resp: 2423
Ion Ratio Lower Upper
266 100
264 62.4 49.9 74.9
268 64.0 51.2 76.8

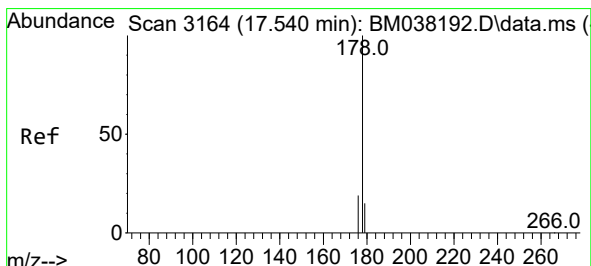
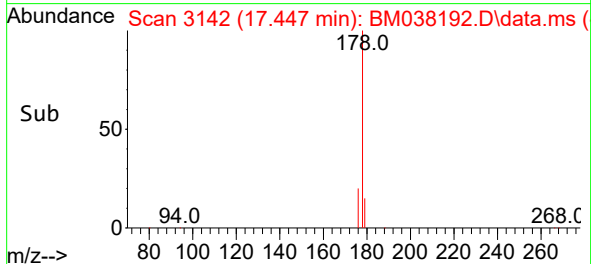
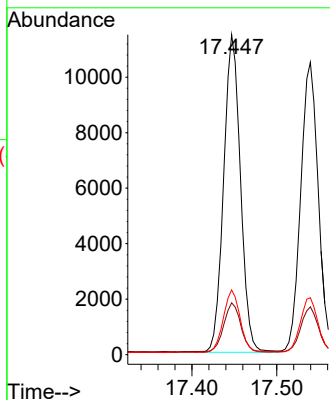
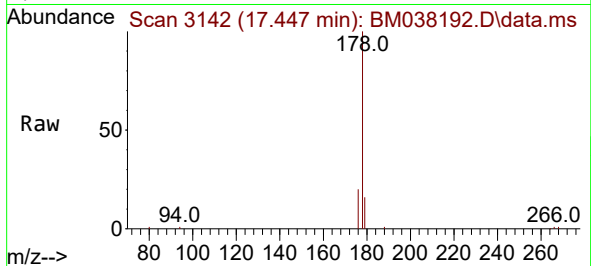




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

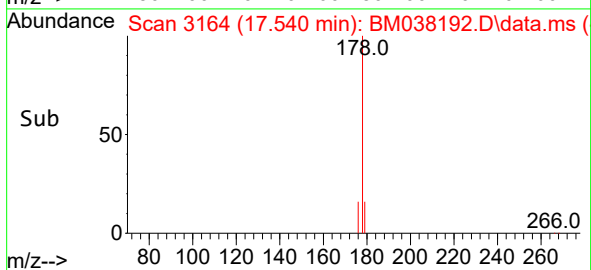
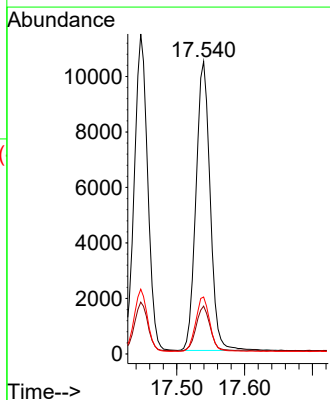
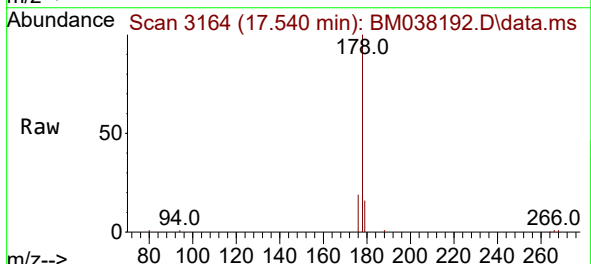
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SSTD0.4024

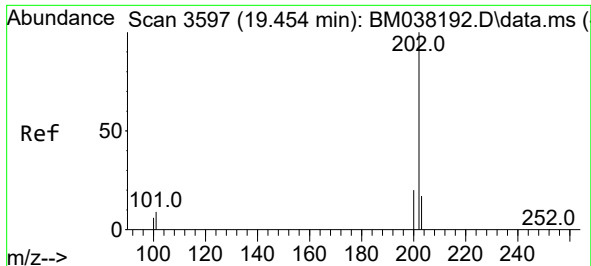
Tgt Ion:178 Resp: 15752
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:178 Resp: 15159
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.5 15.6 23.4

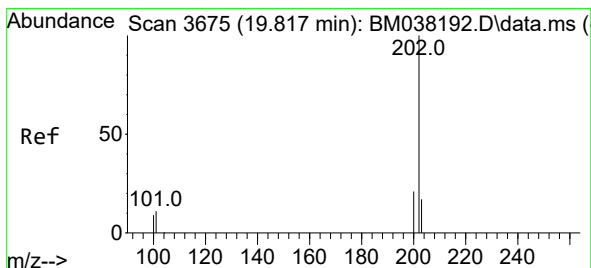
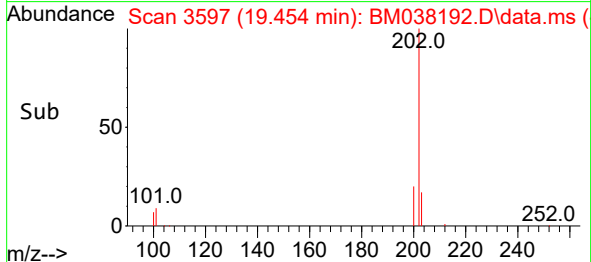
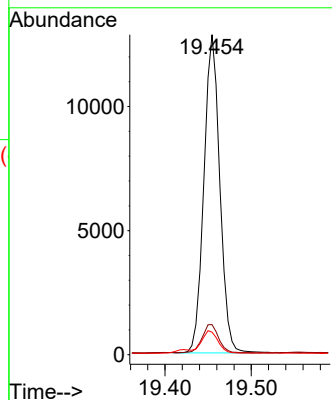
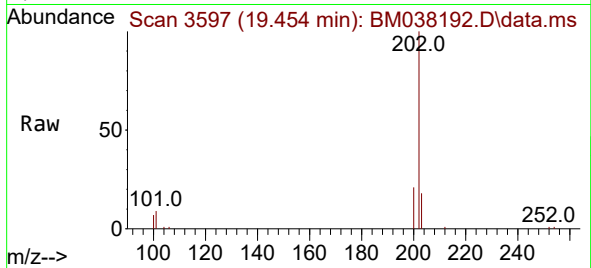




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

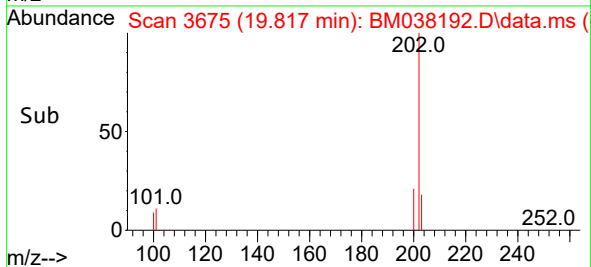
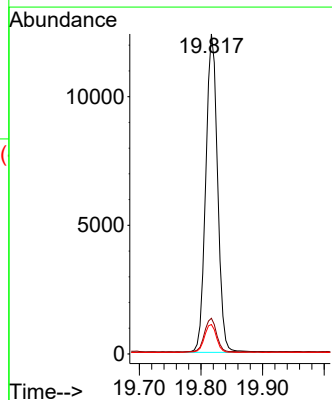
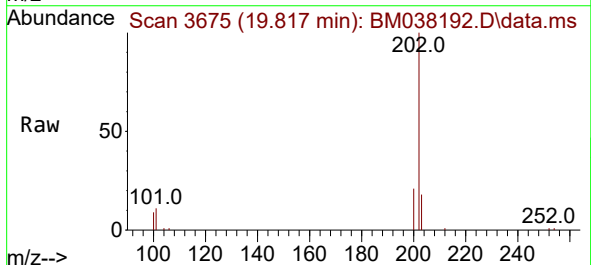
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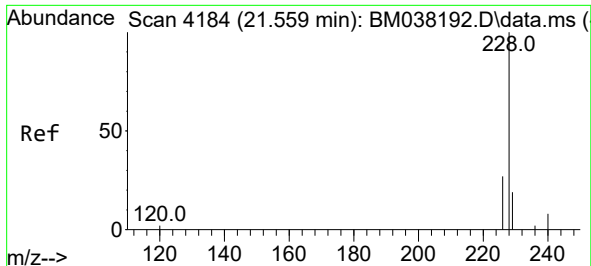
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Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 7.0 5.6 8.4



#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:202 Resp: 16446
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 9.2 7.4 11.0

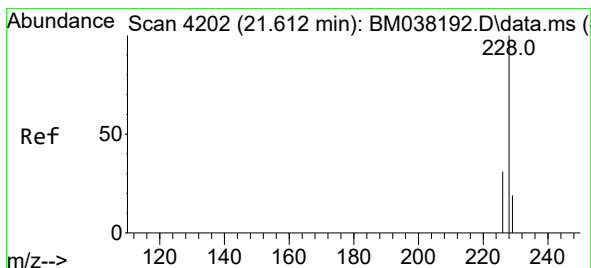
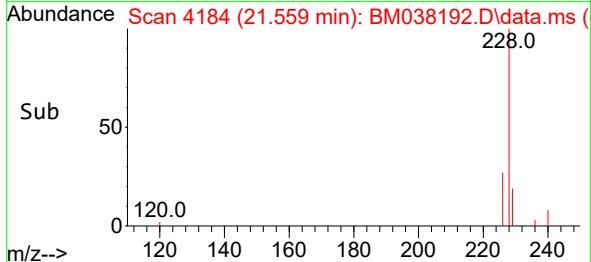
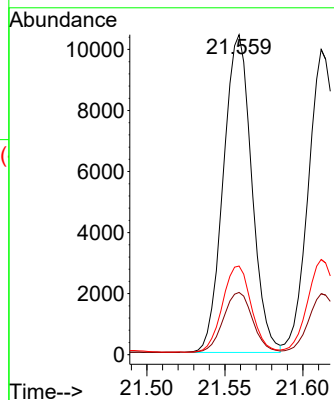
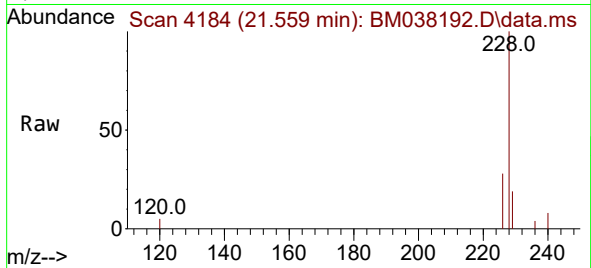




#21
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

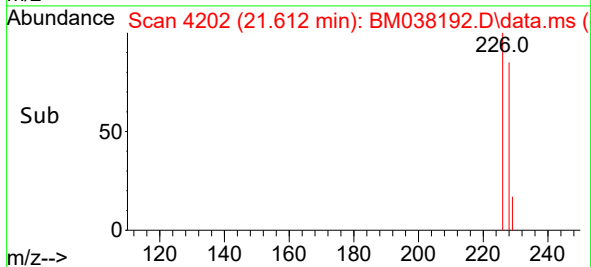
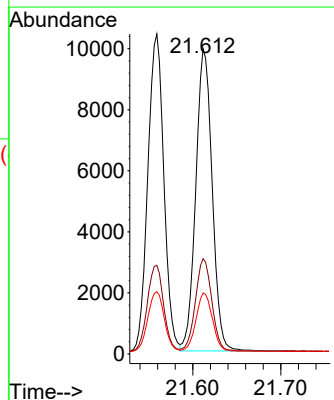
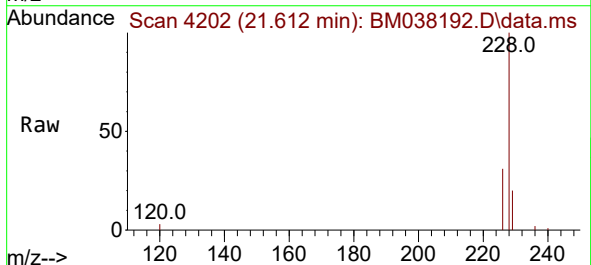
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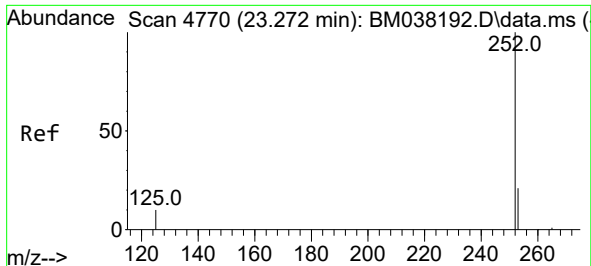
Tgt Ion:228	Resp:	13170
Ion	Ratio	Lower Upper
228	100	
229	19.4	15.5 23.3
226	27.7	22.2 33.2



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:228	Resp:	12868
Ion	Ratio	Lower Upper
228	100	
226	31.2	25.0 37.4
229	20.0	16.0 24.0

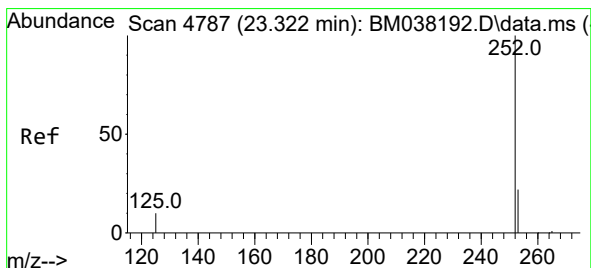
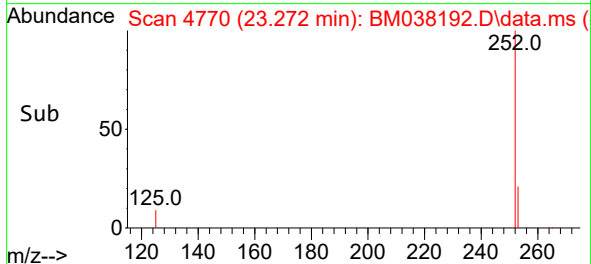
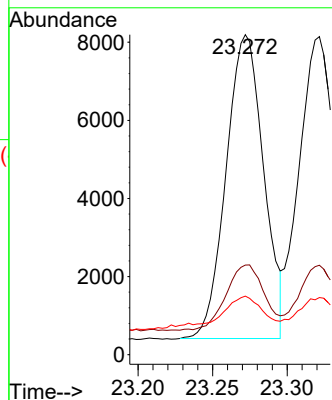
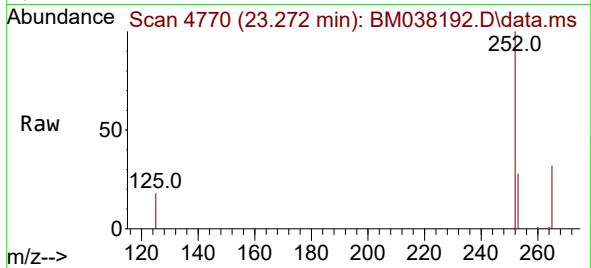




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

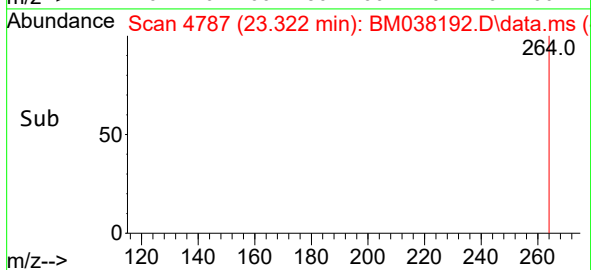
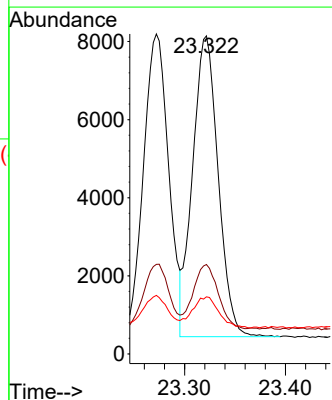
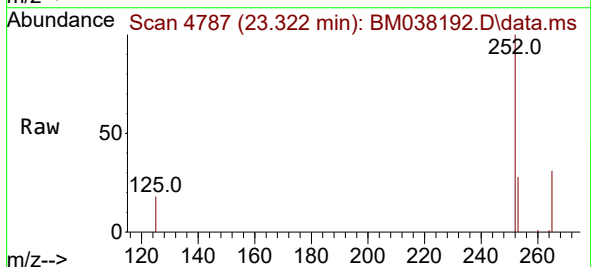
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

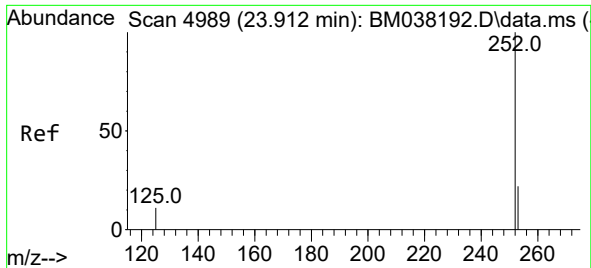
Tgt Ion:252 Resp: 13619
Ion Ratio Lower Upper
252 100
253 28.0 0.0 56.0
125 18.3 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:252 Resp: 13549
Ion Ratio Lower Upper
252 100
253 28.1 22.5 33.7
125 18.0 14.4 21.6

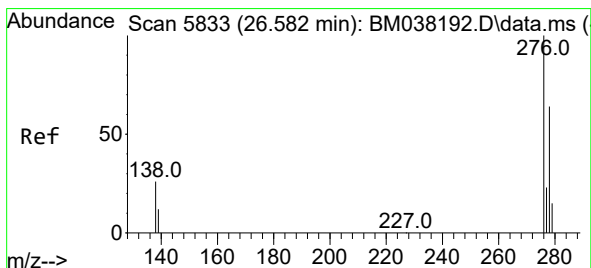
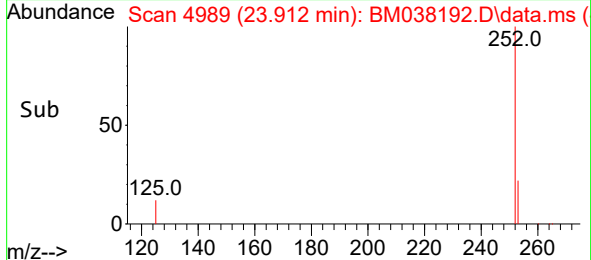
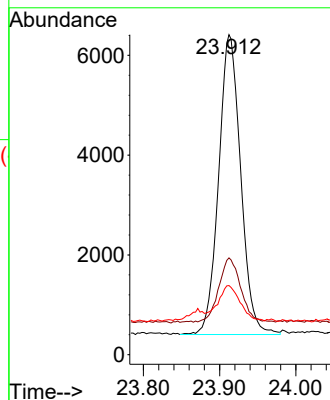
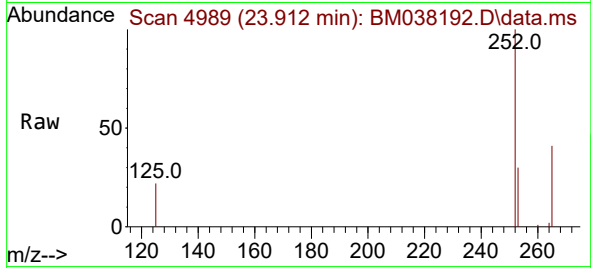




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

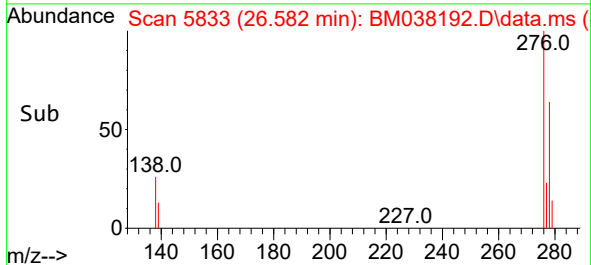
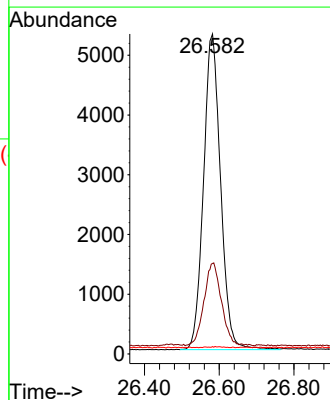
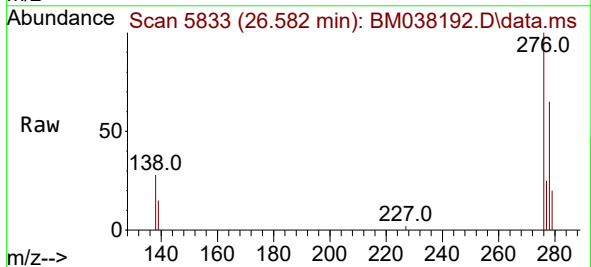
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

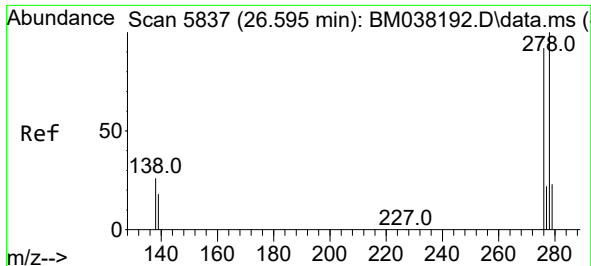
Tgt Ion:252 Resp: 12080
Ion Ratio Lower Upper
252 100
253 30.3 24.2 36.4
125 21.6 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:276 Resp: 16756
Ion Ratio Lower Upper
276 100
138 27.1 21.7 32.5
227 0.0 0.0 0.0#

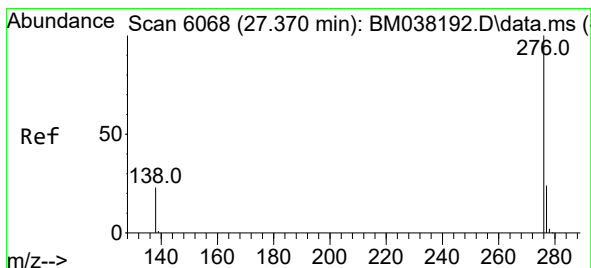
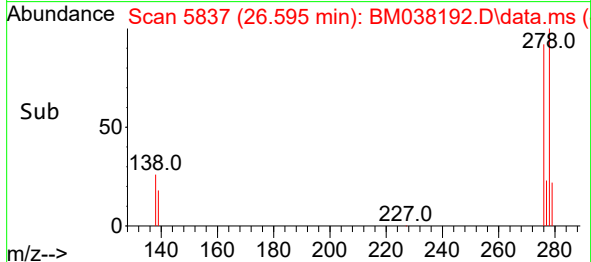
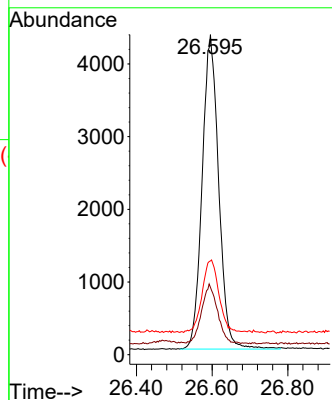
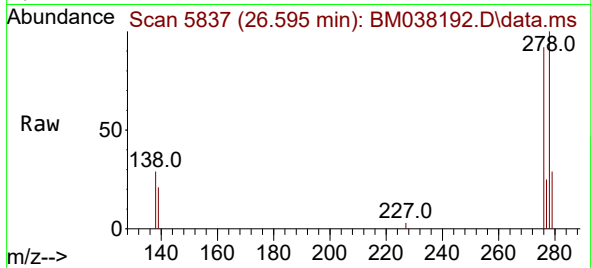




#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 13103
Ion Ratio Lower Upper
278 100
139 21.0 16.8 25.2
279 29.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038192.D
Acq: 22 Dec 2022 11:12

Tgt Ion:276 Resp: 14107
Ion Ratio Lower Upper
276 100
138 26.0 20.8 31.2
277 25.6 20.5 30.7

